



Village of Brookfield

8820 Brookfield Avenue • Brookfield, Illinois 60513-1688
(708) 485-7344 • FAX (708) 485-4971
www.brookfieldil.gov

VILLAGE OF BROOKFIELD
BROOKFIELD, ILLINOIS 60513

BROOKFIELD VILLAGE BOARD MEETING AGENDA

Monday, October 28, 2019
6:30 P.M.

Edward Barcal Hall
8820 Brookfield Avenue
Brookfield, IL 60513

VILLAGE PRESIDENT
Kit P. Ketchmark

VILLAGE CLERK
Brigid Weber

BOARD OF TRUSTEES
Brian G. Conroy
Edward J. Côté
Michael J. Garvey
Nicole M. Gilhooley
Kathryn S. Kaluzny
David P. LeClere

VILLAGE MANAGER
Timothy C. Wiberg

MEMBER OF
Illinois Municipal League
Proviso Township
Municipal League
West Central
Municipal Conference

TREE CITY U.S.A. Since 1981

HOME OF THE CHICAGO
ZOOLOGICAL SOCIETY

I. OPENING CEREMONIES: Pledge of Allegiance to the Flag

II. Roll Call

III. Appointments and Presentations

IV. Public Comment

V. REPORTS OF SPECIAL COMMITTEES

| | |
|---------------------|---|
| Trustee Cote | Finance, Library, DPW, Approval of Warrant(s) |
| Trustee Conroy | Chamber of Commerce |
| Trustee Gilhooley | Recreation, Senior Citizens |
| Trustee Garvey | Planning and Zoning Commission, WCC Solid Waste Agency |
| Trustee LeClere | Special Events, Administration, Public Safety |
| Trustee Kaluzny | Conservation, Beautification |
| President Ketchmark | Economic Development, Brookfield Zoo, WCMC, PZED |

VI. Executive Session – An Executive Session Pursuant to Section 2 (c) (11) of the Open Meetings Act to Discuss Probable or Imminent Litigation.

VII. OMNIBUS AGENDA

1. Approval of [Ordinance # 2019-52](#) Authorizing the Sale of Surplus Personal Property of the Village of Brookfield
2. Approval of [Ordinance # 2019-53](#) Authorizing a Variance of the Village Zoning Code for 3518 Oak Avenue

Individuals with a disability requiring a reasonable accommodation in order to participate in any meeting should contact the Village of Brookfield (708)485-7344 prior to the meeting. Wheelchair access may be gained through the police department (East) entrance of the Village Hall.



Village of Brookfield

8820 Brookfield Avenue • Brookfield, Illinois 60513-1688
(708) 485-7344 • FAX (708) 485-4971
www.brookfieldil.gov

VILLAGE PRESIDENT
Kit P. Ketchmark

VILLAGE CLERK
Brigid Weber

BOARD OF TRUSTEES
Brian G. Conroy
Edward J. Côté
Michael J. Garvey
Nicole M. Gilhooly
Kathryn S. Kaluzny
David P. LeClere

VILLAGE MANAGER
Timothy C. Wiberg

MEMBER OF
Illinois Municipal League
Proviso Township
Municipal League
West Central
Municipal Conference

TREE CITY U.S.A. Since 1981

HOME OF THE CHICAGO
ZOOLOGICAL SOCIETY

3. Approval of [Resolution # 2019-54](#) Appointing Certain Managers and Members of the Village Board to the Position of Director and Alternate Director of the West Cook County Solid Waste Agency
4. Approval of [Resolution #2019-55](#) to Award a Contract for the 2019 Tree Trimming Program to Winkler Tree and Landscaping Inc., in the Amount of \$74,925.84

VIII. REGULAR BUSINESS

5. Consideration of [Ordinance # 2019-54](#) Authorizing Approval of the Final Planned Development for the New Linda Sokol Francis Brookfield Library
6. Consideration of [Resolution #2019-56](#) to Approve the Plat of Consolidation for the New Linda Sokol Francis Brookfield Library
7. [Public Hearing](#) Regarding the Recommended Creation of a New Grand Boulevard Tax Increment Financing District
8. [Public Hearing](#) Regarding Amendment No. 1 to the 8-Corners Tax Increment Financing District

IX. MANAGERS REPORT

X. Motion to Adjourn

XI. Adjournment

Individuals with a disability requiring a reasonable accommodation in order to participate in any meeting should contact the Village of Brookfield (708)485-7344 prior to the meeting. Wheelchair access may be gained through the police department (East) entrance of the Village Hall.

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|----------------------------|------------------|--------|-------------|----------------------------|--|---------------------------------|-----------------------|----------------------|------------|
| PFC - PUBLIC FUND CHECKING | | | | | | | | | |
| Check | | | | | | | | | |
| 28144 | 10/15/2019 | Open | | | Utility Management Refund | MORGAN, BERTIE | \$72.64 | | |
| 28145 | 10/15/2019 | Open | | | Utility Management Refund | ZHENG, DAVID | \$4.84 | | |
| 28146 | 10/15/2019 | Open | | | Accounts Payable | Portable John, Inc. | \$4,004.47 | | |
| | <u>Invoice</u> | | <u>Date</u> | | <u>Description</u> | | <u>Amount</u> | | |
| | 236637BALANCE | | 10/15/2019 | | late fee only | | \$34.92 | | |
| | 235826 | | 10/15/2019 | | weekly svc at ehler park | | \$384.10 | | |
| | 239048 | | 10/15/2019 | | weekly svc at ehler park | | \$349.18 | | |
| | 237466 | | 10/15/2019 | | weekly svc at ehler park | | \$384.10 | | |
| | 238264 | | 10/15/2019 | | weekly svc at ehler park | | \$349.18 | | |
| | 237430 | | 10/15/2019 | | total loss of unit from fire and fireworks blown up inside | | \$1,996.99 | | |
| | 236164 | | 10/15/2019 | | 2 restrooms for 4th of july | | \$506.00 | | |
| 28147 | 10/15/2019 | Open | | | Accounts Payable | New Stone Design | \$2,250.00 | | |
| | <u>Invoice</u> | | <u>Date</u> | | <u>Description</u> | | <u>Amount</u> | | |
| | 092319 | | 10/15/2019 | | Countertops for PD kitchen | | \$2,250.00 | | |
| 28148 | 10/23/2019 | Open | | | Utility Management Refund | VOLANTI, KENNETH AND BRITTANY | \$24.24 | | |
| 28149 | 10/23/2019 | Open | | | Accounts Payable | Herrera, Abel | \$2,900.00 | | |
| | <u>Invoice</u> | | <u>Date</u> | | <u>Description</u> | | <u>Amount</u> | | |
| | 102319 | | 10/23/2019 | | balance due for PD kitchen remodel | | \$2,900.00 | | |
| 28150 | 10/23/2019 | Open | | | Utility Management Refund | SANDOVAL, RICHARD AND ARIANA | \$72.64 | | |
| 28151 | 10/28/2019 | Open | | | Accounts Payable | Accurate Document Destruction | \$88.09 | | |
| | <u>Invoice</u> | | <u>Date</u> | | <u>Description</u> | | <u>Amount</u> | | |
| | 15666773 | | 10/22/2019 | | shredding | | \$88.09 | | |
| 28152 | 10/28/2019 | Open | | | Accounts Payable | Adams Tool Kar, LLC | \$94.05 | | |
| | <u>Invoice</u> | | <u>Date</u> | | <u>Description</u> | | <u>Amount</u> | | |
| | 08021929282 | | 10/22/2019 | | adj c/ftwr, butane, brush set | | \$73.35 | | |
| | 09061930845 | | 10/22/2019 | | power adapt, hex wr | | \$20.70 | | |
| 28153 | 10/28/2019 | Open | | | Accounts Payable | Airgas USA LLC | \$310.37 | | |
| | <u>Invoice</u> | | <u>Date</u> | | <u>Description</u> | | <u>Amount</u> | | |
| | 9964985557 | | 10/22/2019 | | cylinder rental | | \$42.18 | | |
| | 9093439106 | | 10/22/2019 | | medical oxygen | | \$268.19 | | |
| 28154 | 10/28/2019 | Open | | | Accounts Payable | Alta Construction Equipment LLC | \$151.20 | | |
| | <u>Invoice</u> | | <u>Date</u> | | <u>Description</u> | | <u>Amount</u> | | |
| | SP4/11416 | | 10/22/2019 | | starter switch | | \$151.20 | | |
| 28155 | 10/28/2019 | Open | | | Accounts Payable | Amalgamated Bank of Chicago | \$1,029.17 | | |
| | <u>Invoice</u> | | <u>Date</u> | | <u>Description</u> | | <u>Amount</u> | | |
| | 1019-1855920003 | | 10/22/2019 | | bond registrar and paying agent, GO ref ARS bonds series 2015A | | \$475.00 | | |
| | 1019-18534810092 | | 10/22/2019 | | registrar and paying agent, GO ref ARS bonds series 2009 | | \$79.17 | | |
| | 1019-1855921002 | | 10/22/2019 | | registrar and paying agent, GO ref ARS bonds series 2015B | | \$475.00 | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|---------------|--------|-------------|--|------------------|---|-----------------------|----------------------|------------|
| 28156 | 10/28/2019 | Open | | | Accounts Payable | Aramark Refreshment Services | \$256.53 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 6567695 | | 10/22/2019 | bronze water filter | | \$161.53 | | | |
| | 635713 | | 10/22/2019 | nov lease follett ice maker | | \$95.00 | | | |
| 28157 | 10/28/2019 | Open | | | Accounts Payable | AT&T | \$704.52 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 4101201509 | | 10/22/2019 | Acct 831-000-8095 861, FD phones/internet | | \$704.52 | | | |
| 28158 | 10/28/2019 | Open | | | Accounts Payable | AT&T | \$231.31 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 2019-00000898 | | 10/22/2019 | 708-485-6045 626 7 | | \$231.31 | | | |
| 28159 | 10/28/2019 | Open | | | Accounts Payable | Axon Enterprise Inc | \$704.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | SI-1615349 | | 10/22/2019 | dpm standard battery pack x26 | | \$704.00 | | | |
| 28160 | 10/28/2019 | Open | | | Accounts Payable | B & F Construction Code Services, Inc. | \$7,364.80 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 11911 | | 10/22/2019 | September 2019 inspections | | \$6,339.80 | | | |
| | 52348 | | 10/22/2019 | project #1119827, 3115 arthur | | \$200.00 | | | |
| | 52313 | | 10/22/2019 | project #1118721, 3650 grand | | \$200.00 | | | |
| | 52384 | | 10/22/2019 | project #1118036, 8917 grant | | \$625.00 | | | |
| 28161 | 10/28/2019 | Open | | | Accounts Payable | BENISTAR/HARTFORD-6795 | \$843.86 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 11012019 | | 10/22/2019 | Benistar premiums | | \$843.86 | | | |
| 28162 | 10/28/2019 | Open | | | Accounts Payable | Bristol Hose & Fitting, Inc | \$8.27 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 3410934 | | 10/22/2019 | hose repair, galv p-f clamps fast-lok | | \$8.27 | | | |
| 28163 | 10/28/2019 | Open | | | Accounts Payable | Brookfield True Value Hardware | \$36.05 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 92424 | | 10/22/2019 | MISCELLANEOUS | | \$4.04 | | | |
| | 92436 | | 10/22/2019 | MISCELLANEOUS | | \$9.98 | | | |
| | 92461 | | 10/22/2019 | MISCELLANEOUS | | \$22.03 | | | |
| 28164 | 10/28/2019 | Open | | | Accounts Payable | Call One | \$4,223.80 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 137814 | | 10/22/2019 | phones | | \$4,223.80 | | | |
| 28165 | 10/28/2019 | Open | | | Accounts Payable | Case Lots, Inc. | \$1,097.90 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 10872 | | 10/22/2019 | white towels, 2mil black can liner | | \$162.55 | | | |
| | 11390 | | 10/22/2019 | 2mil black can liner, toilet tissue, boardwalk box soap | | \$246.70 | | | |
| | 11230 | | 10/22/2019 | white singlefold | | \$79.70 | | | |
| | 143 | | 10/22/2019 | bounty roll towels | | \$64.45 | | | |
| | 165 | | 10/22/2019 | hand cleaner, toilet tissue, can liners, cascade, bleach, bounce | | \$544.50 | | | |
| 28166 | 10/28/2019 | Open | | | Accounts Payable | Chicago Office Products | \$1,269.58 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 978416-0 | | 10/22/2019 | mailing labels | | \$65.78 | | | |
| | 972615-0 | | 10/22/2019 | wipes, markers, cups, paper, tape | | \$187.60 | | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|---------------|--------|-------------|----------------------------|--|------------------------------------|-----------------------|----------------------|------------|
| | 977076-0 | | 10/22/2019 | | cd holder, dvd, cd, sign, stamp | | \$112.68 | | |
| | 977839-0 | | 10/22/2019 | | dictation recorder for adjudication hearings | | \$99.99 | | |
| | 977840-0 | | 10/22/2019 | | paper, stapler, staples, postit dispenser, paper clip holder | | \$73.65 | | |
| | C978031-0 | | 10/22/2019 | | expand ship-lite env | | (\$88.45) | | |
| | 976957-0 | | 10/22/2019 | | ink cartridge | | \$112.89 | | |
| | 977045-0 | | 10/22/2019 | | ink cartridges | | \$225.78 | | |
| | 978035-0 | | 10/22/2019 | | mouse, paper, desk calendar, expanding files | | \$158.64 | | |
| | 978292-1 | | 10/22/2019 | | organizer | | \$119.96 | | |
| | 978292-0 | | 10/22/2019 | | index, file jackets, binder | | \$154.09 | | |
| | 978745-0 | | 10/22/2019 | | paper, envelopes | | \$46.97 | | |
| 28167 | 10/28/2019 | Open | | | Accounts Payable | Ciorba Group | | | \$4,017.91 |
| | Invoice | | Date | | Description | | Amount | | |
| | 09-24457 | | 10/22/2019 | | Brookfield Ave over Salt Creek | | \$4,017.91 | | |
| 28168 | 10/28/2019 | Open | | | Accounts Payable | Comcast | | | \$386.70 |
| | Invoice | | Date | | Description | | Amount | | |
| | 2019-00000872 | | 10/22/2019 | | 8771 20 167 0165665 - internet at FD | | \$146.85 | | |
| | 2019-00000902 | | 10/22/2019 | | 8771 20 167 0055098 - internet @ VH | | \$239.85 | | |
| 28169 | 10/28/2019 | Open | | | Accounts Payable | ComEd | | | \$278.90 |
| | Invoice | | Date | | Description | | Amount | | |
| | 2019-00000900 | | 10/22/2019 | | 3543076047 - svc @ 9001 Shields | | \$124.36 | | |
| | 2019-00000901 | | 10/22/2019 | | 0843143359 - svc @ 8820 Washington, pump station | | \$154.54 | | |
| 28170 | 10/28/2019 | Open | | | Accounts Payable | Countryside Veterinary Center | | | \$70.00 |
| | Invoice | | Date | | Description | | Amount | | |
| | 222048 | | 10/22/2019 | | fecal exam | | \$70.00 | | |
| 28171 | 10/28/2019 | Open | | | Accounts Payable | CVS Pharmacy - Bankcard Department | | | \$13.18 |
| | Invoice | | Date | | Description | | Amount | | |
| | 092819 | | 10/22/2019 | | MISCELLANEOUS | | \$13.18 | | |
| 28172 | 10/28/2019 | Open | | | Accounts Payable | De Lage Landen Public Finance | | | \$1,817.79 |
| | Invoice | | Date | | Description | | Amount | | |
| | 65282742 | | 10/22/2019 | | copier contract #25420383 | | \$1,817.79 | | |
| 28173 | 10/28/2019 | Open | | | Accounts Payable | Eagle Uniform Co, Inc, The | | | \$902.75 |
| | Invoice | | Date | | Description | | Amount | | |
| | 282181 | | 10/22/2019 | | patch changes, shirts with patches, pants, jacket | | \$902.75 | | |
| 28174 | 10/28/2019 | Open | | | Accounts Payable | Elmhurst Occupational Health | | | \$260.00 |
| | Invoice | | Date | | Description | | Amount | | |
| | 00106277-00 | | 10/22/2019 | | rapid 5 panel drug screen, physical exam | | \$260.00 | | |
| 28175 | 10/28/2019 | Open | | | Accounts Payable | Foster's Truck Repair | | | \$30.00 |
| | Invoice | | Date | | Description | | Amount | | |
| | 35677 | | 10/22/2019 | | truck repair | | \$30.00 | | |
| 28176 | 10/28/2019 | Open | | | Accounts Payable | GovTempsUSA, LLC | | | \$6,847.75 |
| | Invoice | | Date | | Description | | Amount | | |
| | 2880441 | | 10/22/2019 | | martin bourke s.t. hours | | \$6,847.75 | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|--------------|--------|-------------|--|------------------|-----------------------------------|-----------------------|----------------------|------------|
| 28177 | 10/28/2019 | Open | | | Accounts Payable | Grund & Riesterer Architects Inc. | \$11,400.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 1912.00-1 | | 10/22/2019 | PD kitchen renovation | | \$11,400.00 | | | |
| 28178 | 10/28/2019 | Open | | | Accounts Payable | Hancock Engineering | \$64,837.50 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 18-0836 | | 10/22/2019 | SE Gross school - building addition | | \$140.00 | | | |
| | 19-0837 | | 10/22/2019 | public library improvement - plan review | | \$2,520.00 | | | |
| | 19-0838 | | 10/22/2019 | 4156 deyo - residential development | | \$115.00 | | | |
| | 19-0839 | | 10/22/2019 | 2019 street improvements - construction engineering | | \$53,727.50 | | | |
| | 19-0840 | | 10/22/2019 | brookfield ave bridge improvements | | \$420.00 | | | |
| | 19-0841 | | 10/22/2019 | 2019 sidewalk improvements project | | \$345.00 | | | |
| | 19-0842 | | 10/22/2019 | 8817-19 congress park ave - residential development | | \$280.00 | | | |
| | 19-0843 | | 10/22/2019 | 2019 pavement striping project | | \$920.00 | | | |
| | 19-0844 | | 10/22/2019 | prairie ave metra station building improvements | | \$2,800.00 | | | |
| | 19-0845 | | 10/22/2019 | water rate study | | \$700.00 | | | |
| | 19-0846 | | 10/22/2019 | 2019 miscellaneous projects | | \$2,450.00 | | | |
| | 19-0847 | | 10/22/2019 | 2019 NPDES-CSO compliance | | \$420.00 | | | |
| 28179 | 10/28/2019 | Open | | | Accounts Payable | IRMA | \$6,144.92 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | IVC0011430 | | 10/22/2019 | brush chipper op | | \$45.00 | | | |
| | IVC0011402 | | 10/22/2019 | aerial lift training | | \$35.00 | | | |
| | IVC0011395 | | 10/22/2019 | hazard communication | | \$63.00 | | | |
| | IVC0011374 | | 10/22/2019 | cdl supervisor | | \$27.00 | | | |
| | SALES0017820 | | 10/22/2019 | september deductible | | \$620.00 | | | |
| | SALES0017855 | | 10/22/2019 | september 2019 closed events | | \$5,354.92 | | | |
| 28180 | 10/28/2019 | Open | | | Accounts Payable | Jack's Inc. | \$116.90 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 79018 | | 10/22/2019 | dolly, roller F/6" pipe | | \$116.90 | | | |
| 28181 | 10/28/2019 | Open | | | Accounts Payable | JCM Uniforms Inc. | \$330.90 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 760842 | | 10/22/2019 | boot, boot zipper, belt | | \$218.90 | | | |
| | 756121.1 | | 10/22/2019 | polo | | \$112.00 | | | |
| 28182 | 10/28/2019 | Open | | | Accounts Payable | K-Five Construction Corp | \$55.25 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 19015 | | 10/22/2019 | hma sc n50 d 9.5r | | \$55.25 | | | |
| 28183 | 10/28/2019 | Open | | | Accounts Payable | Kimball Midwest | \$635.53 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 7446662 | | 10/22/2019 | link, crimper, sleeve, cutter, ultra cut, ultra-bit, punch | | \$635.53 | | | |
| 28184 | 10/28/2019 | Open | | | Accounts Payable | Kopicki's Tower Home for Funerals | \$265.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 19T70 | | 10/22/2019 | removal Loyola Hospital, transfer to CCME | | \$265.00 | | | |
| 28185 | 10/28/2019 | Open | | | Accounts Payable | LA Fasteners Inc. | \$535.64 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 1-198778 | | 10/22/2019 | adapter | | \$12.71 | | | |
| | 1-193746 | | 10/22/2019 | zorge g2 black frame/yellow lens | | \$7.00 | | | |
| | 1-193239 | | 10/22/2019 | bf dot pl ml con, bf pipe 90deg st el | | \$11.30 | | | |
| | 1-200603 | | 10/22/2019 | gh781-12, adapter | | \$104.73 | | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|------------|--------|-------------|--|--------------------|-----------------------------|-----------------------|----------------------|------------|
| | 1-197674 | | 10/22/2019 | | PARTS AND SUPPLIES | | \$399.90 | | |
| 28186 | 10/28/2019 | Open | | | Accounts Payable | La Grange Park Ace Hardware | \$40.49 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 80317 | | 10/22/2019 | compact air circulator | | \$40.49 | | | |
| 28187 | 10/28/2019 | Open | | | Accounts Payable | Lauksmen, Julie | \$22.19 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 102219 | | 10/22/2019 | pizza for crosswalk painters | | \$22.19 | | | |
| 28188 | 10/28/2019 | Open | | | Accounts Payable | LEHIGH HANSON | \$368.36 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 5775386 | | 10/22/2019 | grade8 stone | | \$368.36 | | | |
| 28189 | 10/28/2019 | Open | | | Accounts Payable | Menards | \$1,239.36 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 34545 | | 10/22/2019 | flat hook tiedown, j hook tie down | | \$35.96 | | | |
| | 34223 | | 10/22/2019 | downspout, adapter, pop-up emitter, solid drain pipe | | \$33.26 | | | |
| | 34151 | | 10/22/2019 | wedge anchors | | \$75.60 | | | |
| | 33894 | | 10/22/2019 | sds+drillbit, wedge anchor, rw hd performance glove | | \$101.91 | | | |
| | 33176 | | 10/22/2019 | sds+drillbit, wedge anchors | | \$61.66 | | | |
| | 32884 | | 10/22/2019 | glad force flex drawstring, windtunnel 2 rewind, reach tool | | \$208.91 | | | |
| | 33256 | | 10/22/2019 | screw/nut driver, wire stripper, voltage tester, 20a tr/wr gfc | | \$135.04 | | | |
| | 32324 | | 10/22/2019 | white box, mop, bucket, bleach, glass cleaner, pinesol | | \$177.75 | | | |
| | 32436 | | 10/22/2019 | shz ws all purpose 5#, std bungee assort | | \$69.06 | | | |
| | 32437 | | 10/22/2019 | select board, rw perf glove, wedge anchors, deck combo, brush | | \$161.74 | | | |
| | 32586 | | 10/22/2019 | latch & carry, latch tote, rubber washers, fliptoggle, shower wa | | \$178.47 | | | |
| 28190 | 10/28/2019 | Open | | | Accounts Payable | Metropolitan Industries Inc | \$19,823.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 009459 | | 10/22/2019 | SCADA system for pump station | | \$19,823.00 | | | |
| 28191 | 10/28/2019 | Open | | | Accounts Payable | Miner Electronics Corp | \$684.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 100372 | | 10/22/2019 | maintenance/cr/smr for Nov 2019-Jan 2020 | | \$684.00 | | | |
| 28192 | 10/28/2019 | Open | | | Accounts Payable | Motorola Solutions, Inc. | \$4,057.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 40030 | | 10/22/2019 | ERS fire and EMS records interface | | \$4,057.00 | | | |
| 28193 | 10/28/2019 | Open | | | Accounts Payable | Neopost | \$2,082.29 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 100219 | | 10/22/2019 | postage | | \$2,082.29 | | | |
| 28194 | 10/28/2019 | Open | | | Accounts Payable | Nutoys Leisure Products | \$723.02 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 49575 | | 10/22/2019 | proguard finished swing chain | | \$95.14 | | | |
| | 49573 | | 10/22/2019 | full bucket seat w/tendertuff chains | | \$360.00 | | | |
| | 49574 | | 10/22/2019 | various hardware | | \$267.88 | | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|------------|--------|-------------|---|------------------|-----------------------------------|-----------------------|----------------------|------------|
| 28195 | 10/28/2019 | Open | | | Accounts Payable | Orkin Inc. | \$1,084.60 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 184603301 | | 10/22/2019 | pest control - 3830 Maple | | | \$69.75 | | |
| | 184602869 | | 10/22/2019 | pest control - 4301 Elm | | | \$52.41 | | |
| | 184603297 | | 10/22/2019 | pest control - 4523 Eberly | | | \$63.42 | | |
| | 184602714 | | 10/22/2019 | pest control - 4545 Eberly | | | \$82.20 | | |
| | 184603296 | | 10/22/2019 | pest control - 8820 Brookfield | | | \$78.31 | | |
| | 184601960 | | 10/22/2019 | pest control - fire stations 1&2 | | | \$125.07 | | |
| | 184602736 | | 10/22/2019 | pest control - train station | | | \$71.14 | | |
| | 185710099 | | 10/22/2019 | pest control - 3830 Maple | | | \$69.75 | | |
| | 185709666 | | 10/22/2019 | pest control - 4301 Elm | | | \$52.41 | | |
| | 185710095 | | 10/22/2019 | pest control - 4523 Eberly | | | \$63.42 | | |
| | 185709520 | | 10/22/2019 | pest control - 4545 Eberly | | | \$82.20 | | |
| | 185710094 | | 10/22/2019 | pest control - 8820 Brookfield | | | \$78.31 | | |
| | 185708771 | | 10/22/2019 | pest control - fire stations 1&2 | | | \$125.07 | | |
| | 185709543 | | 10/22/2019 | pest control - train station | | | \$71.14 | | |
| 28196 | 10/28/2019 | Open | | | Accounts Payable | P & G Keene Electrical Rebuilders | \$263.94 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 211452 | | 10/22/2019 | 28000-1600 | | | \$263.94 | | |
| 28197 | 10/28/2019 | Open | | | Accounts Payable | PassportParking Inc | \$762.00 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | INV-98867 | | 10/22/2019 | august 2019 mobile pay parking | | | \$409.25 | | |
| | INV-100224 | | 10/22/2019 | september 2019 mobile pay parking | | | \$352.75 | | |
| 28198 | 10/28/2019 | Open | | | Accounts Payable | Perfect Mulch Products | \$320.16 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 27997 | | 10/22/2019 | auburn premium mulch | | | \$220.16 | | |
| | 28008 | | 10/22/2019 | tipping fee | | | \$100.00 | | |
| 28199 | 10/28/2019 | Open | | | Accounts Payable | Priority Print | \$383.30 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 20191692 | | 10/22/2019 | guest sign | | | \$86.85 | | |
| | 20191788 | | 10/22/2019 | ticket stop labels | | | \$52.30 | | |
| | 20191775 | | 10/22/2019 | personnel action report | | | \$152.65 | | |
| | 20191735 | | 10/22/2019 | business cards - klicker | | | \$91.50 | | |
| 28200 | 10/28/2019 | Open | | | Accounts Payable | ProxIT Technology Solutions | \$1,995.25 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 20611 | | 10/22/2019 | new cedd computer | | | \$1,984.05 | | |
| | 20621 | | 10/22/2019 | replacement wall plate for PD lobby 911 phone | | | \$11.20 | | |
| 28201 | 10/28/2019 | Open | | | Accounts Payable | Ray O'Herron Co., Inc. | \$2,238.21 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 1934497 | | 10/22/2019 | UNIFORMS | | | \$168.77 | | |
| | 1936289 | | 10/22/2019 | UNIFORMS | | | \$64.00 | | |
| | 1937325 | | 10/22/2019 | UNIFORMS | | | \$296.99 | | |
| | 1940132 | | 10/22/2019 | UNIFORMS | | | \$10.00 | | |
| | 1940506 | | 10/22/2019 | UNIFORMS | | | \$79.98 | | |
| | 1941833 | | 10/22/2019 | UNIFORMS | | | \$119.97 | | |
| | 1942720 | | 10/22/2019 | UNIFORMS | | | \$139.90 | | |
| | 1946585 | | 10/22/2019 | UNIFORMS | | | \$25.00 | | |
| | 1949036 | | 10/22/2019 | UNIFORMS | | | \$283.43 | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|------------|--------|-------------|---|------------------|-----------------------------|-----------------------|----------------------|------------|
| | 1949037 | | 10/22/2019 | UNIFORMS | | | \$182.99 | | |
| | 1950921 | | 10/22/2019 | UNIFORMS | | | \$184.93 | | |
| | 1952848 | | 10/22/2019 | UNIFORMS | | | \$39.92 | | |
| | 1952849 | | 10/22/2019 | UNIFORMS | | | \$11.98 | | |
| | 1953380 | | 10/22/2019 | UNIFORMS | | | \$25.00 | | |
| | 1955224 | | 10/22/2019 | shirt, double patch to shoulders | | | \$87.00 | | |
| | 1955223 | | 10/22/2019 | vest carrier take off old pockets replace w/new ones | | | \$116.00 | | |
| | 1954597 | | 10/22/2019 | nameplate, shirts, pants | | | \$346.85 | | |
| | 1954596 | | 10/22/2019 | patch, move button, zipper | | | \$55.50 | | |
| 28202 | 10/28/2019 | Open | | | Accounts Payable | Scout Electric Supply Co. | \$566.14 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 166841 | | 10/22/2019 | fc12t9/cw, fc16t9/cw | | \$33.80 | | | |
| | 166620 | | 10/22/2019 | electric supplies | | \$492.34 | | | |
| | 166787 | | 10/22/2019 | fixture | | \$40.00 | | | |
| 28203 | 10/28/2019 | Open | | | Accounts Payable | Sherwin Williams Co. | \$1,615.68 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 0808-9 | | 10/22/2019 | glass beads, paint, roller, brush, tray, raven nitrile | | \$427.80 | | | |
| | 9960-9 | | 10/22/2019 | paint | | \$866.51 | | | |
| | 0188-6 | | 10/22/2019 | paint | | \$321.37 | | | |
| 28204 | 10/28/2019 | Open | | | Accounts Payable | Sinnott Tree Service, Inc | \$900.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 3970 | | 10/22/2019 | 3547 mccormick, removed siberian elm tree | | \$900.00 | | | |
| 28205 | 10/28/2019 | Open | | | Accounts Payable | Specialties Direct | \$40.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 0003464-IN | | 10/22/2019 | chrome slide latch, 2-piece strike & keeper | | \$40.00 | | | |
| 28206 | 10/28/2019 | Open | | | Accounts Payable | Standard Equipment Co. | \$1,558.48 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | P17322 | | 10/22/2019 | tow bar assy, cyl ay-hyd, rtng ring | | \$883.03 | | | |
| | P17292 | | 10/22/2019 | tow bar assy, tow bar low pvt, dirt shoe assy, cyl ay-hyd, rtng | | \$675.45 | | | |
| 28207 | 10/28/2019 | Open | | | Accounts Payable | Storino, Ramello & Durkin | \$345.50 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 62508 | | 10/22/2019 | creating a not-for-profit corporation | | \$345.50 | | | |
| 28208 | 10/28/2019 | Open | | | Accounts Payable | Suburban Laboratories, Inc. | \$870.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 168693 | | 10/22/2019 | coliform presence-absence for IEPA | | \$250.00 | | | |
| | 167579 | | 10/22/2019 | coliform presence-absence for IEPA, disinfectant by products | | \$620.00 | | | |
| 28209 | 10/28/2019 | Open | | | Accounts Payable | Suburban Truck Parts | \$148.90 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 80307 | | 10/22/2019 | kit-clevis lw, spring brake | | \$148.90 | | | |
| 28210 | 10/28/2019 | Open | | | Accounts Payable | Tameling Industries, Inc | \$127.50 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 0135207-IN | | 10/22/2019 | natural patio stone | | \$127.50 | | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|----------------|--------|-------------|---|------------------|-----------------------------------|-----------------------|----------------------|------------|
| 28211 | 10/28/2019 | Open | | | Accounts Payable | Third Millennium Associates, Inc | \$707.33 | | |
| | <u>Invoice</u> | | <u>Date</u> | <u>Description</u> | | <u>Amount</u> | | | |
| | 24002 | | 10/22/2019 | october 2019 utility bills C & D | | \$707.33 | | | |
| 28212 | 10/28/2019 | Open | | | Accounts Payable | Traffic Control & Protection | \$19,909.00 | | |
| | <u>Invoice</u> | | <u>Date</u> | <u>Description</u> | | <u>Amount</u> | | | |
| | 102251 | | 10/22/2019 | no parking signs, speed limit signs, all way signs | | \$272.10 | | | |
| | 102351 | | 10/22/2019 | pace bus parking only | | \$97.30 | | | |
| | 102250 | | 10/22/2019 | street name omniscube, flared leg bracket, telspar post, anchor | | \$6,331.30 | | | |
| | 101952 | | 10/22/2019 | stop ahead, no parking, fire truck, do not enter, speed limit | | \$992.50 | | | |
| | 101785 | | 10/22/2019 | street name omniscube | | \$634.60 | | | |
| | 102142 | | 10/22/2019 | reserved parking handicap, telspar post, anchor, pedestal base | | \$7,678.95 | | | |
| | 102022 | | 10/22/2019 | street name omniscube, banding, clips, metro wing bracket | | \$1,089.85 | | | |
| | 102023 | | 10/22/2019 | circular traffic, traffic circle, school symbol | | \$889.90 | | | |
| | 102024 | | 10/22/2019 | street name omniscube, banding, clips | | \$647.55 | | | |
| | 102249 | | 10/22/2019 | parking signs, park signs, village drop box, speed limit | | \$1,274.95 | | | |
| 28213 | 10/28/2019 | Open | | | Accounts Payable | Unifirst Corporation | \$839.40 | | |
| | <u>Invoice</u> | | <u>Date</u> | <u>Description</u> | | <u>Amount</u> | | | |
| | 081 1420465 | | 10/22/2019 | laundry service | | \$230.02 | | | |
| | 061 1234061 | | 10/22/2019 | Village Hall Mats | | \$205.76 | | | |
| | 061 1234062 | | 10/22/2019 | Metra Station Mats | | \$48.90 | | | |
| | 061 1234060 | | 10/22/2019 | Public Works Mats | | \$49.70 | | | |
| | 061 1235655 | | 10/22/2019 | Village Hall Mats | | \$205.76 | | | |
| | 061 1235656 | | 10/22/2019 | Metra Station Mats | | \$49.56 | | | |
| | 061 1235654 | | 10/22/2019 | Public Works Mats | | \$49.70 | | | |
| 28214 | 10/28/2019 | Open | | | Accounts Payable | Verizon Wireless | \$2,912.52 | | |
| | <u>Invoice</u> | | <u>Date</u> | <u>Description</u> | | <u>Amount</u> | | | |
| | 9838947865 | | 10/22/2019 | Acct #685033343-00001 cell phones | | \$2,912.52 | | | |
| 28215 | 10/28/2019 | Open | | | Accounts Payable | Wednesday Journal | \$3,897.00 | | |
| | <u>Invoice</u> | | <u>Date</u> | <u>Description</u> | | <u>Amount</u> | | | |
| | 18632-R | | 10/22/2019 | candy cane park notice | | \$119.00 | | | |
| | 41107-R | | 10/22/2019 | zoning meeting cannabis | | \$154.00 | | | |
| | 40215-R | | 10/22/2019 | fall 2019 rec guide | | \$1,000.00 | | | |
| | 40996-R | | 10/22/2019 | grand blvd tif notice | | \$656.00 | | | |
| | 40997-R | | 10/22/2019 | 8 corners tif notice | | \$656.00 | | | |
| | 41272-R | | 10/22/2019 | grand blvd tif notice | | \$656.00 | | | |
| | 41273-R | | 10/22/2019 | 8 corners tif notice | | \$656.00 | | | |
| 28216 | 10/28/2019 | Open | | | Accounts Payable | Wentworth Tire Service | \$39.00 | | |
| | <u>Invoice</u> | | <u>Date</u> | <u>Description</u> | | <u>Amount</u> | | | |
| | 40032412 | | 10/22/2019 | tire disposal | | \$39.00 | | | |
| 28217 | 10/28/2019 | Open | | | Accounts Payable | West Central Municipal Conference | \$575.00 | | |
| | <u>Invoice</u> | | <u>Date</u> | <u>Description</u> | | <u>Amount</u> | | | |
| | 0006835-IN | | 10/22/2019 | member dues 2019-2020 | | \$575.00 | | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|------------|--------|-------------|--|------------------|------------------------|-----------------------|----------------------|------------|
| 28218 | 10/28/2019 | Open | | | Accounts Payable | Westfield Ford | \$561.71 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 628320 | | 10/22/2019 | sensor-exhaust gas, sensor-hego | | | (\$64.01) | | |
| | 628312 | | 10/22/2019 | sensor-hego | | | \$129.96 | | |
| | 477494 | | 10/22/2019 | install special order remote start | | | \$495.76 | | |
| 28219 | 10/28/2019 | Open | | | Accounts Payable | Wholesale Direct Inc. | \$289.00 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 000241522 | | 10/22/2019 | led lite bar | | | \$289.00 | | |
| 28220 | 10/28/2019 | Open | | | Accounts Payable | Zep Manufacturing Co. | \$573.95 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 9004571177 | | 10/22/2019 | zep tnt | | | \$573.95 | | |
| 28221 | 10/28/2019 | Open | | | Accounts Payable | Burrell , Dwayne | \$13.20 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 101719 | | 10/23/2019 | meal reimbursement | | | \$13.20 | | |
| 28222 | 10/28/2019 | Open | | | Accounts Payable | Flores, Daniel | \$13.31 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 100719 | | 10/23/2019 | meal reimbursement for training | | | \$13.31 | | |
| 28223 | 10/28/2019 | Open | | | Accounts Payable | Majthoub, Hassan | \$30.01 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 100919 | | 10/23/2019 | gas reimbursement for prisoner transport | | | \$30.01 | | |
| 28224 | 10/28/2019 | Open | | | Accounts Payable | Mc Grath, Robert | \$8.55 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 100919 | | 10/23/2019 | lunch reimbursement for training | | | \$8.55 | | |
| 28225 | 10/28/2019 | Open | | | Accounts Payable | Schreiber, Terry | \$349.39 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 101419 | | 10/23/2019 | vision care reimbursement | | | \$349.39 | | |
| 28226 | 10/28/2019 | Open | | | Accounts Payable | Harrington, Andrew | \$175.00 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 100919 | | 10/23/2019 | black side zip boot | | | \$175.00 | | |
| 28227 | 10/28/2019 | Open | | | Accounts Payable | Ferrari, Stevie | \$157.16 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 100919 | | 10/23/2019 | supplies for camp special event | | | \$157.16 | | |
| 28228 | 10/28/2019 | Open | | | Accounts Payable | Swistak, Dariusz | \$25.00 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 100419 | | 10/23/2019 | overpayment of parking ticket | | | \$25.00 | | |
| 28229 | 10/28/2019 | Open | | | Accounts Payable | Bakula, Theresa | \$38.00 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | RT9893 | | 10/23/2019 | kidnastics | | | \$38.00 | | |
| 28230 | 10/28/2019 | Open | | | Accounts Payable | Campbell-Dziak, Sherry | \$38.00 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | RT9927 | | 10/23/2019 | adult and tot triple | | | \$38.00 | | |
| 28231 | 10/28/2019 | Open | | | Accounts Payable | Devan, Anna | \$165.00 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | RT9936 | | 10/23/2019 | theater tots | | | \$165.00 | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------------------|---------------|--------|-------------|----------------------------|------------------|------------------------|-----------------------|----------------------|------------|
| 28232 | 10/28/2019 | Open | | | Accounts Payable | Herrera, Kristy | \$40.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9913 | | 10/23/2019 | youth archery | | \$40.00 | | | |
| 28233 | 10/28/2019 | Open | | | Accounts Payable | Huns, Jenny | \$40.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9918 | | 10/23/2019 | family archery | | \$40.00 | | | |
| 28234 | 10/28/2019 | Open | | | Accounts Payable | Kendrick, Jean | \$50.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9905 | | 10/23/2019 | tango/rumba | | \$50.00 | | | |
| 28235 | 10/28/2019 | Open | | | Accounts Payable | Kolodziejski, Victoria | \$40.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9917 | | 10/23/2019 | youth archery | | \$40.00 | | | |
| 28236 | 10/28/2019 | Open | | | Accounts Payable | Lozano, Juanita | \$40.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9914 | | 10/23/2019 | youth archery | | \$40.00 | | | |
| 28237 | 10/28/2019 | Open | | | Accounts Payable | Lupescu, Jill | \$80.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9864 | | 10/23/2019 | grossdale murder mystery | | \$80.00 | | | |
| 28238 | 10/28/2019 | Open | | | Accounts Payable | Monacella, Kristen | \$40.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9915 | | 10/23/2019 | youth archery | | \$40.00 | | | |
| 28239 | 10/28/2019 | Open | | | Accounts Payable | Power, Lisa | \$100.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9906 | | 10/23/2019 | tango/rumba | | \$100.00 | | | |
| 28240 | 10/28/2019 | Open | | | Accounts Payable | Tumpach, Lesley | \$105.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9950 | | 10/23/2019 | 4th-5th division | | \$105.00 | | | |
| 28241 | 10/28/2019 | Open | | | Accounts Payable | Wojtulewicz, Daniel | \$40.00 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | RT9916 | | 10/23/2019 | youth archery | | \$40.00 | | | |
| Type Check Totals: | | | | | 98 Transactions | | \$200,839.85 | | |
| <u>EFT</u> | | | | | | | | | |
| 813 | 10/18/2019 | Open | | | Accounts Payable | Village of Brookfield | \$359,008.65 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 2019-00000865 | | 10/18/2019 | salaries | | \$359,008.65 | | | |
| 814 | 10/18/2019 | Open | | | Accounts Payable | Village of Brookfield | \$11,458.13 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 2019-00000866 | | 10/18/2019 | FICA/Medicare | | \$11,458.13 | | | |
| 815 | 10/18/2019 | Open | | | Accounts Payable | Village of Brookfield | \$152.13 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 2019-00000867 | | 10/18/2019 | SUI | | \$152.13 | | | |
| 816 | 10/18/2019 | Open | | | Accounts Payable | Village of Brookfield | \$756.13 | | |
| | Invoice | | Date | Description | | Amount | | | |
| | 2019-00000868 | | 10/18/2019 | Paycom processing fees | | \$756.13 | | | |

Corporate Warrant - 10/28/2019

From Payment Date: 10/15/2019 - To Payment Date: 10/28/2019

| Number | Date | Status | Void Reason | Reconciled/ Voided Date | Source | Payee Name | Transaction Amount | Reconciled Amount | Difference |
|--------|---------------|--------|-------------|----------------------------|------------------|------------|-----------------------|----------------------|------------|
| 817 | 10/23/2019 | Open | | | Accounts Payable | Visa | \$5,192.59 | | |
| | Invoice | | Date | Description | | | Amount | | |
| | 2019-00000897 | | 10/23/2019 | recreation acct *2462 | | | \$5,192.59 | | |

Type EFT Totals:

PFC - PUBLIC FUND CHECKING Totals

5 Transactions

\$376,567.63

| Checks | Status | Count | Transaction Amount | Reconciled Amount |
|--------|--------------|-----------|---------------------|-------------------|
| | Open | 98 | \$200,839.85 | \$0.00 |
| | Reconciled | 0 | \$0.00 | \$0.00 |
| | Voided | 0 | \$0.00 | \$0.00 |
| | Stopped | 0 | \$0.00 | \$0.00 |
| | Total | 98 | \$200,839.85 | \$0.00 |

| EFTs | Status | Count | Transaction Amount | Reconciled Amount |
|------|--------------|----------|---------------------|-------------------|
| | Open | 5 | \$376,567.63 | \$0.00 |
| | Reconciled | 0 | \$0.00 | \$0.00 |
| | Voided | 0 | \$0.00 | \$0.00 |
| | Total | 5 | \$376,567.63 | \$0.00 |

| All | Status | Count | Transaction Amount | Reconciled Amount |
|-----|--------------|------------|---------------------|-------------------|
| | Open | 103 | \$577,407.48 | \$0.00 |
| | Reconciled | 0 | \$0.00 | \$0.00 |
| | Voided | 0 | \$0.00 | \$0.00 |
| | Stopped | 0 | \$0.00 | \$0.00 |
| | Total | 103 | \$577,407.48 | \$0.00 |

Grand Totals:

| Checks | Status | Count | Transaction Amount | Reconciled Amount |
|--------|--------------|-----------|---------------------|-------------------|
| | Open | 98 | \$200,839.85 | \$0.00 |
| | Reconciled | 0 | \$0.00 | \$0.00 |
| | Voided | 0 | \$0.00 | \$0.00 |
| | Stopped | 0 | \$0.00 | \$0.00 |
| | Total | 98 | \$200,839.85 | \$0.00 |

| EFTs | Status | Count | Transaction Amount | Reconciled Amount |
|------|--------------|----------|---------------------|-------------------|
| | Open | 5 | \$376,567.63 | \$0.00 |
| | Reconciled | 0 | \$0.00 | \$0.00 |
| | Voided | 0 | \$0.00 | \$0.00 |
| | Total | 5 | \$376,567.63 | \$0.00 |

| All | Status | Count | Transaction Amount | Reconciled Amount |
|-----|--------------|------------|---------------------|-------------------|
| | Open | 103 | \$577,407.48 | \$0.00 |
| | Reconciled | 0 | \$0.00 | \$0.00 |
| | Voided | 0 | \$0.00 | \$0.00 |
| | Stopped | 0 | \$0.00 | \$0.00 |
| | Total | 103 | \$577,407.48 | \$0.00 |



Request For Board Action

REFERRED TO BOARD: October 28, 2019

AGENDA ITEM NO: 1

ORIGINATING DEPARTMENT: Police Department

SUBJECT: Approval of an Ordinance Authorizing the Disposal of Surplus Property of the Village of Brookfield

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

Staff has drafted an Ordinance to surplus fleet vehicles and computer equipment from the Police Department, Public Works Department, and Code Enforcement. Attached is an ordinance with a listing of surplus vehicles and miscellaneous surplus computer equipment (Attachment A). The vehicles are either of high mileage or rusted beyond repair and have reached the end of their useful life. The computer equipment is obsolete and also at the end of its useful life.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

An [Ordinance](#) authorizing the disposal of Village owned surplus personal property.

RECOMMENDED MOTION:

Review and approval of the ordinance authorizing the Village Manager to dispose of the property listed in Exhibit A.

ORDINANCE NO. 2019-52

**AN ORDINANCE AUTHORIZING THE DISPOSAL OF SURPLUS PERSONAL
PROPERTY OF THE VILLAGE OF BROOKFIELD**

PASSED AND APPROVED BY THE
PRESIDENT AND BOARD OF TRUSTEES
THIS 28TH DAY OF OCTOBER 2019

Published in pamphlet form by authority
of the corporate authorities
of the Village of Brookfield, Illinois,
the 28th day of October 2019

ORDINANCE NO. 2019-52

AN ORDINANCE AUTHORIZING THE DISPOSAL OF SURPLUS PERSONAL PROPERTY OF THE VILLAGE OF BROOKFIELD, ILLINOIS

WHEREAS, pursuant to Section 11-76-4 of the Illinois Municipal Code, 65 ILCS 5/11-76-4, the corporate authorities of the Village of Brookfield (the "Village") are expressly authorized to sell personal property in such manner as they may designate with or without advertising the sale when, in the opinion of a majority of the corporate authorities then holding office, the personal property is no longer necessary or useful to the Village;

WHEREAS, the Village owns certain personal property described in Exhibit "A," which exhibit is attached hereto and made part hereof; and

WHEREAS, the corporate authorities of the Village expressly find that the items of personal property described in Exhibit "A" are no longer necessary to, required for use, or in the best interests of the Village to maintain and further find that it is in the best interest of the Village to dispose of the described items as hereafter set forth;

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Brookfield, Cook County, Illinois, as follows:

Section 1. Recitals. The foregoing recitals are adopted as the corporate findings of the Village of Brookfield as if fully restated herein.

Section 2. Authorization. The corporate authorities hereby authorize the Village Manager to dispose of personal property described in Exhibit "A" by selling the motor vehicles to CarMax and by recycling the electronic items.

Section 3. Effective Date. This Ordinance shall take effect upon its passage, approval and publication in pamphlet form.

ADOPTED this 28th day of October 2019, pursuant to a roll call vote as follows:

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this 28th day of October 2019.

Kit P. Ketchmark, President of the
Village of Brookfield, Cook County, Illinois

ATTESTED and filed in my office
this 28th day of October 2019.

Brigid Weber, Clerk of the
Village of Brookfield, Cook County, Illinois

Exhibit "A"

| Item/Description | Model# (write "N/A" if not applicable) | Serial # write "N/A" if not applicable) | Condition | Quantity |
|------------------------------------|--|---|-----------------------------|----------|
| Code Enf. – 2009 Ford Focus | VIN# 1FAHP35N49W155140 | N/A | Rusted beyond repair | 1 |
| Code Enf. – 2009 Ford Focus | VIN# 1FAHP35N49W155141 | N/A | Rusted beyond repair | 1 |
| PD Squad 477 – 2008 Ford Crown Vic | VIN# 2FAFP71V38X103666 | N/A | High Mileage (109, 582) | 1 |
| PD Squad 466 – 2010 Ford Crown Vic | VIN# 2FABP7BV8AX131952 | N/A | High Mileage (114,303) | 1 |
| PD Squad 471 – 2011 Ford Crown Vic | VIN# 2FABP7BV1BX104450 | N/A | High Mileage (114,647) | 1 |
| PD Squad 470 – 2011 Ford Crown Vic | VIN# 2FABP7BV1BX104447 | N/A | High Mileage (115,237) | 1 |
| DPW – 2000 Ford Crown Vic | VIN # 2FAFP71W91X113813 | N/A | High Mileage (108,319) | 1 |
| DPW 2004 Chevrolet Tahoe | VIN # 1GNEK13Z74J274240 | N/A | High Mileage (170,000 +) | 1 |
| Personal Computer Towers | DELL Dimensions | N/A | Obsolete | 2 |
| Laptops | Lenovo | 1) L3-A2979 08/08 2) PB-D8DZ3 13/10 3) LV-000A6 08/08 | Obsolete | 3 |
| HP Laser Jet Printer | HP | 1) VNB3G43941 2) USDNP06748 | Obsolete | 2 |

Surplus Sheet

Location: 8820 Brookfield Avenue, Brookfield, Illinois 60513

Counted by: Village Staff

Date: 10/14/2019



Request For Board Action

REFERRED TO BOARD: October 28th, 2019

AGENDA ITEM NO: 2

ORIGINATING DEPARTMENT: Community & Economic Development Department
(CEDD)

SUBJECT: Approval of a Variance for 3518 Oak Avenue (PZC 19-07)

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

The applicant for PZC Case 19-07 requests approval of variations for the property at 3518 Oak Avenue. The applicant is proposing to build a single family home on a vacant lot. The lot was previously occupied by a single family home that was demolished due to a contractor error. If approved, this property would receive the following:

- 1) Variance to reduce lot width and street frontage from 50 feet to 25 feet
- 2) Variance to reduce lot area from 6,200 square feet to 3,133 square feet
- 3) Variance to reduce interior side yard setback from 5 feet to 3 feet

The Planning and Zoning Commission met to review the staff report, application, and testimony from the public on September 19th, 2019. They voted unanimously to adopt staff's Findings of Fact and recommend approval of the Variance to the Village Board of Trustees. This item was also discussed by the Village Board on October 14th, 2019 at the Committee of the Whole.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

1. Ordinance
2. Approved PZC Minutes for 9/19/19
3. PZC Packet for 9/19/19

RECOMMENDED MOTION:

Review and approval of Variance by Village Board of Trustees.

**VILLAGE OF BROOKFIELD
BROOKFIELD, ILLINOIS 60513**

**JOURNAL OF THE PROCEEDINGS OF THE
PLANNING AND ZONING COMMISSION**

**HELD ON THURSDAY, SEPTEMBER 19th, 2019
IN THE BROOKFIELD VILLAGE HALL**

MEMBERS PRESENT: Chairman: Charles Grund; Commissioners: Patrick Benjamin; Todd Svoboda; Christopher Straka; Mark Weber; and Karen Ann Miller

MEMBERS ABSENT: Jennifer Hendricks

ALSO PRESENT: Elyse Vukelich, Village Planner; Michael Garvey, Village Trustee;

On Thursday, September 19th, 2019, Chairman Grund called the meeting of the Planning and Zoning Commission to order at approximately 7:00 P.M. Secretary Weber conducted the roll call.

Staff Update

Village Planner Elyse Vukelich stated that the Amendment to the Sign Code has been discussed at the Village Board and will be voted on in October. She also mentioned that the Village Board is currently discussing whether or not the Village should prohibit or allow the sale of recreational cannabis.

Public Hearings

PZC Case 19-07 – Variance for 3518 Oak Avenue

Motion to open the public hearing by Commissioner Miller, seconded by Commissioner Svoboda. The motion carried 6-0, with Commissioner Hendricks absent. The public is sworn in.

STAFF PRESENTATION: Village Planner Elyse Vukelich gave a presentation on the proposed variance to 3518 Oak Avenue. She mentioned that the property previously had a single family home, which was demolished due to the collapse of the foundation wall during an addition. Because the lot size is non-conforming, the applicant is requesting three variances to build a new two-story single family home on the lot. The first is to reduce the required lot width and frontage from 50 feet to 25 feet. The second is to reduce the required lot area from 6,200 square feet to 3,133 square feet. The third is to reduce the required interior side yard setback from 5 feet to 3 feet.

The Village Planner stated that the Comprehensive Plan does call for infill development that is complementary to the scale and character of surrounding residential uses. She showed a photo that depicted other single family homes on the block that occupy lots under the required 6,200 square feet.

Chairman Grund asked if when the addition was sought in 2017, if a permit was issued and if the house met the greenspace requirements.

Vukelich stated that the permit was issued and underwent a zoning review. Chairman Grund stated that it seems the new house may be smaller than what was there previously.

Commissioner Weber said that he understands that variances are based on a hardship and asked if the approval of these variances would be different than approval of a vacant 25 foot lot. Vukelich stated that the consideration of the hardship is up to the Commission, and that this lot was in a unique situation.

APPLICANT PRESENTATION: Reina Salto of 3518 Oak, the applicant, stated that she hopes her project will be approved. She has built other properties in Brookfield, and feels this is a nice community.

Chairman Grund asked when she purchased the property. Ms. Salto stated that she has not purchased the property yet and that the purchase is dependent on the approval of the requested variances. Commissioner Miller asked who is responsible for construction. Ms. Salto stated that she is.

PUBLIC COMMENT: Chris Fischer of 3518 Oak stated that he owns the property. He said the contractor he hired collapsed the foundation, and that it has been a terrible situation. He said that Reina Salto submitted an offer and that she has built homes in Brookfield before.

Michelle Peterson Newell of 3514 Oak asked the Village Planner to clarify the side yard setbacks for the proposed plan. Commissioner Straka stated that this includes the eave and dripline, not just the exterior wall. She also said that during construction previously, the contractor damaged her mother's property. She said it has still not been repaired or maintained.

Commissioner Weber asked if the 3 foot setback would be greater than the setback of the previous home. Village Planner Vukelich stated that the previous home was 1.8 and 2.7 feet from the property lines, so this would be an improvement.

Motion to close the public hearing by Commissioner Straka, seconded by Commissioner Benjamin. The motion carried 6-0, with Commissioner Hendricks absent.

COMMISSIONER DELIBERATION: Commissioner Benjamin stated that he looked at the site and believes that this would be an improvement over the current state of the property. He said that though it is a lot of relief, there are many non-conforming lots in Brookfield. He said he is in support.

Commissioner Straka said that he agrees and supports the project. He said it is in alignment with the comprehensive plan and meets all conditions for approval of the variations.

Commissioner Weber stated that the hardship was not of the property owner's doing.

Commissioner Svoboda stated that he recommends approval.

Commissioner Miller agreed.

Chairman Grund said that this is a unique situation and that the Commission hasn't seen a case like this before. He said that the side yards being less than what was previously there convinced him to support the project. He believes that this supports the infill housing requirement of the Comprehensive Plan. He also said that the new drainage requirements will apply and potentially help flooding.

Commissioner Svoboda made a motion, seconded by Commissioner Miller, to approve PZC case 19-07. The motion carried 6-0, with Commissioner Hendricks absent.

New Business

Approval of Minutes with corrections for August 22nd, 2019. Motion by Commissioner Straka, seconded by Commissioner Miller. Motion carries, 5-0, with Commissioner Benjamin abstaining and Commissioner Hendricks absent.

Old Business

PZC Case 19-06 – Final Planned Development for the Linda Sokol Francis Brookfield Public Library at 3541 Park Avenue and 3606 Grand Boulevard (continued)

Vukelich stated that the Final Planned Development will return to the Planning and Zoning Commission. However, the project was only partially public noticed and needs to be continued to the next meeting

Commissioner Straka made a motion to continue PZC Case 19-06 to the September 26th, 2019 meeting, seconded by Commissioner Benjamin. Motion carries.

Next Meeting:

Scheduled for Thursday, September 26th, 2019.

Adjournment

At approximately 7:21 p.m. there was a motion made by Commissioner Miller to adjourn, seconded by Commissioner Svoboda. Motion carries, 6-0.

Charles Grund
Chairman
Planning & Zoning Commission
Village of Brookfield
Brookfield, Illinois

//lc



Village of Brookfield

Planning and Zoning Commission Staff Report

TO: The Village of Brookfield's Planning and Zoning Commission

HEARING DATE: September 19, 2019

FROM: The Village of Brookfield's Community and Economic Development Department (CEDD)

PREPARED BY: Elyse Vukelich, Village Planner

TITLE

PZC 19-07 – Variance for 3518 Oak; The applicant is seeking variances for a reduction of lot width and frontage, lot area, and interior side yard setback for the property at 3518 Oak Avenue.

GENERAL INFORMATION

APPLICANT: **Reina Salto**
1925 S. 49th Ct.
Cicero, IL 60804

APPLICATION/NOTICE: The application has been filed in conformance with applicable procedural and public notice requirements.

PROPERTY INFORMATION

EXISTING ZONING: A-1 Single Family Residential District
EXISTING LAND USE: Vacant, previously a Single Family Home
PROPERTY SIZE: 3,133 Square Feet
PINs: 15-34-401-029-0000

SURROUNDING ZONING AND LAND USES:

North: A-1 Single Family Residential District; Single Family Home
South: A-1 Single Family Residential District; Single Family Home
East: A-1 Single Family Residential District; Single Family Home
West: A-1 Single Family Residential District; Single Family Home

ANALYSIS

SUBMITTALS

This report is based on the following documents, which are on file with the Community and Economic Development Department:

1. Application for variations requesting a Public Hearing;
2. Certification of Legal Notice published September 4th, 2019 in the *Riverside Brookfield Landmark*;
3. Affidavit of mailed notice to property owners within 250 feet of the property indicating the Public Hearing Letters were mailed to surrounding property owners;

PUBLIC COMMENT

No public comments have been submitted to Village Hall in person or by written document as of the writing of this report. Any comments that are submitted after the writing of this report will be presented at the Planning and Zoning Commission public hearing on September 19, 2019.

BACKGROUND

In 2017, the owner of 3518 Oak Avenue applied to add an addition to the single family home on site and rehab the interior of the home. During construction, part of the foundation wall was structurally compromised, and the foundation wall collapsed. A full collapse of the home was stopped by the installation of emergency shoring, however, the house was deemed unsafe and unrepairable. The Village required demolition, and the home was demolished in April 2019.

DISCUSSION

The applicant is requesting three variances from Chapter 62 of the Village Code in order to build a single family home on the now vacant lot at 3518 Oak Avenue. The lot measures 25 feet in width by 125.31 feet in length, with a total lot area of 3,132.5 square feet. The variances requested are detailed in the table below:

Exhibit 1: Table of Variances Requested

| Variation Sought | Zoning Code Requirement | Proposed | Difference |
|-------------------------------|-------------------------|-------------------|--------------------|
| Lot Width and Street Frontage | 50 feet | 25 feet | -25 feet |
| Lot Area | 6,200 square feet | 3,133 square feet | -3,067 square feet |
| Interior Side Yard Setback | 5 feet | 3 feet | -2 feet |

While the site previously contained a single family home, the site is now vacant. The footprint of the previous single family home is detailed in the Plat of Survey submitted by the applicant. The previous single family home had an interior side yard setback of 1.8 feet on the north property line, and 2.7 feet in the south property line. As shown in the table above and on the applicant's proposed site plan, the applicant is requesting a variance for an interior side yard setback of 3 feet on both property lines. The applicant is requesting a setback closer to the required 5 feet than the previous home had.

The site is located in the A-1 Single Family Zoning District on Oak Avenue between Lincoln and Washington Avenues. As shown below, there are five other homes on the 3500 block of Oak Avenue that sit on lots that measure less than the required 6,200 square feet for the A-1 Single Family Residential District.



Exhibit 2 – 3500 Block of Oak Avenue. Single family homes on lots that measure less than the required 6,200 square feet are outlined in red.

The A-1 Single Family Zoning District only permits three uses: single family homes, small community residences, and large community residences. Because there is no vacant land adjacent to the property, if a variance is not granted for the lot width, frontage, and lot area, the land cannot be built upon.

The Comprehensive Plan lists 3518 Oak as a “Traditional Neighborhood” in its Housing & Neighborhoods map. Goal 2 of the Housing and Neighborhoods chapter is to “Encourage and support the development of diverse housing products at various price points and sizes, including senior and multi-family housing.” (p. 80) The fourth strategy listed for this goal is to “Encourage new development and infill development which is complementary to the scale and character of surrounding residential uses.” Due to the fact that there are five other homes on the block on substandard lots, the approval of these variations could be considered “infill development which is complementary to the scale and character of surrounding residential uses.”

It also should be noted that the applicant has produced a site plan that only requires variances from the width, frontage, lot area, and interior side yard setbacks, but manages to conform to the greenspace requirement, building coverage, and front yard setback (the proposed front yard setback is within 3 feet of adjacent homes' setbacks).

CONDITIONS FOR APPROVAL OF VARIATIONS

The standards for variation review, section 62-760 of the Village Zoning Procedure, requires all of the following conditions to be met for approval of variations. (Applicant's responses below with staff comments in italics):

1. **The hardship alleged as the basis for the variation must be derived from difficulties pertaining to the property itself which prevent full use of the property of the same extent other properties in close proximity within the same zoning district can be used.**

The width of the lot is 25 feet wide. There are a significant amount of homes in Brookfield on a 25 foot wide lot. There was recently a home on this specific parcel that had to be demolished due to the fault of the contractor. We would like to build a beautiful home on the property that will bring another tax paying resident to the town.

There are no adjacent lots that the applicant could acquire in order to create a conforming lots. As such, "full use" on a par with other nearby properties is not currently possible.

2. **The hardship alleged as the basis for a variation must not be self-created or self-imposed by the applicant or his agent nor by unauthorized and unpermitted acts of any prior owner.**

The lot is vacant and needs a home on it.

The hardship is the result of a change in the Village code requirements after the lot was created.

3. **That there is no other means other than the requested variation by which the alleged hardship or difficulty can be avoided or remedied to a degree sufficient to permit a reasonable use of the property.**

There are not, building a new home on the lot where a home was for the past 100 years is the plan.

Because the property is surrounded by privately owned lots with single family homes, the owner of the property is unable to purchase or annex additional yard to add to this property in order to make it compliant with the Village Code. A reasonable use of the property would be single family homes on lots smaller than those currently allowed by the code, but that conform to the surrounding area.

4. **That the variation sought will not impair an adequate supply of light or air to adjacent property.**

It will not.

The applicant has not requested variations from the Village's side yard setback, height, and green space requirements. Therefore, proposed project would not impair the supply of light or air to adjacent properties.

5. **That the variation sought will not unreasonably diminish the values of adjacent property.**

Facts show that new construction homes raise the value of neighboring properties.

The variations sought do not diminish the values of adjacent properties. Considering a single family home was on this lot previously, it is unlikely that adjacent properties would see lower property values as a result of a new construction home.

6. That the variation sought will not unreasonably increase congestion in the public streets or otherwise endanger public safety.

It will not.

Once again, because a single family home was on this lot previously it will not increase congestion beyond what already existed.

7. That the variation is in harmony with the general purpose and intent of this ordinance.

Yes, the variation is to build a beautiful, luxury single family home on the property and bring more homeowners to town.

The general purpose and intent of the Village Code as it pertains to this application is to protect the neighborhood character, health, safety, and welfare of the area. If the proposed variations were to be approved, the project would maintain the harmony of neighborhood as well improve the health safety and welfare.

RECOMMENDATIONS

Staff recommends consideration of the variance as requested. If Commissioners are in agreement with the applicant's responses to the standards of review, the Commission can vote to recommend approval of the proposed variations to the Village Board of Trustees.

If Commissioners vote to recommend approval, staff anticipates the Planning and Zoning Commission recommendation to be reviewed by the Committee of the Whole on October 14, 2019 by subsequent vote by the Village Board on October 28, 2019.



The Village of Brookfield
Planning and Zoning Commission Application

Zoning Variance Application

Applicant Information:

1. Name and Phone Number of contact person for application process
2. Petitioner's Name
3. Petitioner's Address
4. Phone Number
5. Email Address
6. Fax Number
7. Owner of Record Name
8. Owner of Record Address

Reina Saito
1925 S. 49th CT Cicero, IL 60804
708 296-2600
reina.saito4@gmail.com
Christian Fischer
14300 S Town Center Dr. Homer Glen, IL 60491

Property Information:

9. Common Street Address
10. Legal Description

3518 Oak Ave, Brookfield, IL 60513
Lot 10 in block 6 in Grossdale, a subdivision of the southeast quarter of section 34, Township 39 north, range 12 east of the third principal meridian, in Cook county, Illinois

11. Permanent Tax Index Number (PIN)
12. When did the owner acquire the property?

15-34-401-029-0000
2017

13. Is the petitioner in the process of purchasing the property? Yes No
If so, is the purchase contingent on approval of variation? Yes No

14. Is your property use presently (check one): Conforming Non-conforming

15. If the property is a non-conforming use, please explain: Vacant lot

16. Surrounding Zoning and Land Use:

| | Zoning District | Land Use |
|-------|-----------------|---------------|
| North | A-1 | Single family |
| South | A-1 | Single family |
| East | A-1 | Single family |
| West | A-1 | Single Family |

Zoning Variance Application, continued

17. What is the Zoning Classification of the subject property? A-1 Single family

18. List the variance(s) you are requesting: See attached.

(1) Section 62- 75 Variance requested to reduce lot width and frontage

(2) Section 62- 75 Variance requested to reduce area of 3,133

(3) Section 62- 75 Variance requested to reduce interior side yard setback

19. What is the proposed use of or improvement to the property? TO build a new Single family

20. Is the building for (Check one): Personal Use Rental Resale

Please provide responses for the standards for granting zoning variances (attached).

Any person who shall knowingly make or cause to be made, or conspire, combine, aid or assist in, agree to, arrange for, or in any way procure the making of a false or fraudulent application, affidavit, certificate, or statement, shall be guilty of a misdemeanor as provided by statute by the State of Illinois.

[Signature]
 Petitioners Signature

8/14/2019
 Date

[Signature]
 Owner's Signature (or authorized agent)

8/19/19
 Date

Letter of Intent
In Support of Request for Variance
3518 Oak Ave, Brookfield, Illinois 60513

This Letter of Intent is in support of my request for a variance in:

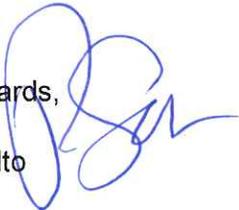
1. Lot Width and Frontage of 25 feet (Difference of -25 feet, code requires 50 feet)
2. Lot Area of 3,133 square feet (Difference of -2,967 square feet, code requires 6,100 square feet)
3. Interior Side Yard Setback of 3 feet (Difference of -2 feet, code requires 5 feet)

This lot was formerly occupied by a single family home, due to subcontractor malpractice the foundation collapsed into itself during the process of remodeling. The hardship was not self imposed and the plans were approved. I have the intent to buy this lot from the seller and build a property upon it. The proposed property while not in accordance with the current zoning parameters will not diminish the value of the adjacent property. It will be a positive addition to an already beautiful neighborhood. The new structure will have similar dimensions to properties that was once there before and the ones around it. It will not invade the space of the adjacent properties. I have worked greatly and in harmony with the Village of Brookfield in recent years. I would love to maintain and grow that relationship for the benefit of all. For reference on my past work in Brookfield please see:

1. 4119 Park Ave, Brookfield, Illinois 60513
2. 4308 Maple Ave, Brookfield, Illinois 60513

Best Regards,

Reina Salto



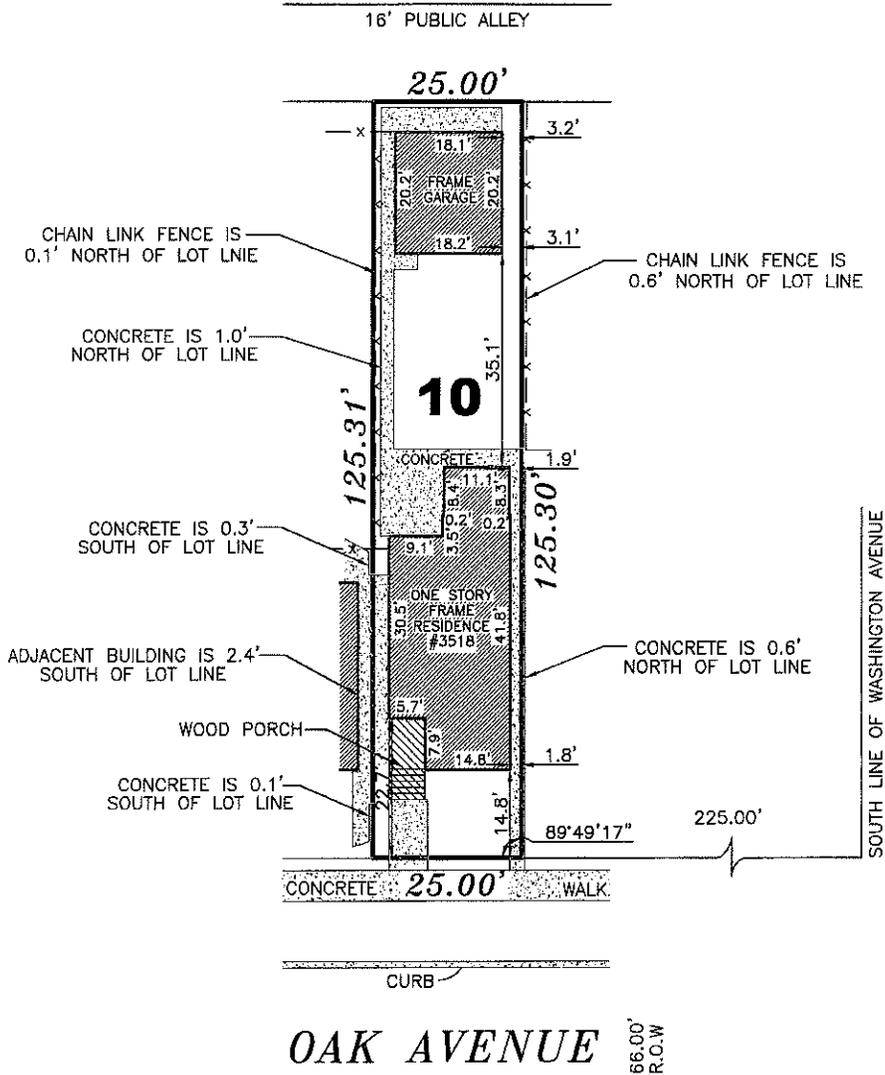
PLAT OF SURVEY

OF

LOT 10 IN BLOCK 6 IN GROSSDALE, A SUBDIVISION OF THE SOUTHEAST QUARTER OF SECTION 34, TOWNSHIP 39 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

COMMON ADDRESS: 3518 OAK AVENUE

NOTE:
JNT LAND SURVEY WAS ASKED TO WRITE A LEGAL DESCRIPTION FOR THIS SURVEY, BASED UPON TAX ID NUMBERS, VERBAL COMMUNICATION, OR BY OTHER MEANS. THIS LEGAL CORRECTLY IDENTIFIED THE PROPERTY SURVEYED. JNT LAND SURVEY DOES NOT OFFER ANY GUARANTEE THAT THE CLIENT OWNS ALL OR ANY PART OF THE PROPERTY. THIS LEGAL DESCRIPTION SHOULD BE COMPARED TO A TITLE POLICY TO MAKE CERTAIN THAT THE CLIENT OWNS IN FACT OWN THE ENTIRE TRACT OF LAND SURVEYED.



CLIENT: M2 HOLDINGS LLC

AREA OF SURVEY = 3133 SQ.FT.



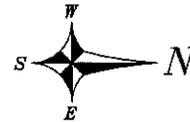
15935 S. BELL ROAD (708) 645-1136
HOMER GLEN, IL. 60491 FAX (708) 645-1138
WWW.JNTLANDSURVEY.COM

NO IMPROVEMENTS SHOULD BE MADE ON THE BASIS OF THIS PLAT ALONE. FIELD MONUMENTATION OF CRITICAL POINTS SHOULD BE ESTABLISHED PRIOR TO COMMENCEMENT OF ANY AND ALL CONSTRUCTION. FOR BUILDING LINE AND OTHER RESTRICTIONS NOT SHOWN HEREON REFER TO YOUR DEED, ABSTRACT, TITLE POLICY CONTRACTS AND LOCAL BUILDING AND ZONING ORDINANCE.



PROFESSIONAL DESIGN FIRM
LAND SURVEYOR CORPORATION
LICENSE NO.
184.004450

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. LICENSE EXPIRES 11/30/16



STATE OF ILLINOIS } S. S.
COUNTY OF WILL }

1" = 20'
SCALE

FIELD WORK COMPLETED ON 13th DAY OF JUNE, 2016.

JNT LAND SURVEYING SERVICES INCORPORATED HEREBY CERTIFIES THAT IT HAS SURVEYED THE TRACT OF LAND ABOVE DESCRIBED, AND THAT THE HEREON DRAWN PLAT IS A CORRECT REPRESENTATION THEREOF.

Dated this 18th Day of JUNE, 2016.

IPLS No. 3354

STANDARDS FOR GRANTING ZONING VARIANCES
The Village of Brookfield's Zoning Code (Chapter 62, Section 62-760)

1. The hardship alleged as the basis for the variation must be derived from difficulties pertaining to the property itself which prevent full use of the property of the same extent other properties in close proximity in the same zoning district can be used;

The width of the lot is 25' Wide. There are a significant amount of homes in Brookfield on a 25' wide lot. There was recently a home on this specific parcel that had to be demolished due to the fault of the contractor. We would like to build a beautiful home on the property that will bring another tax paying resident to the town.

2. The hardship alleged as the basis for a variation must not be self-created or self-imposed by the applicant or his agent nor by unauthorized and unpermitted acts of any prior owner;

The lot is vacant, it needs a home on it.

3. That there is no other means other than the requested variation by which the alleged hardship or difficulty can be avoided or remedied to a degree sufficient to permit a reasonable use of the property;

There are not, building a new home on the lot where a home was for the past 100 years is the suffice plan

4. That the variation sought will not impair an adequate supply of light or air to adjacent property;

It will not

5. That the variation sought will not unreasonably diminish the values of adjacent property;

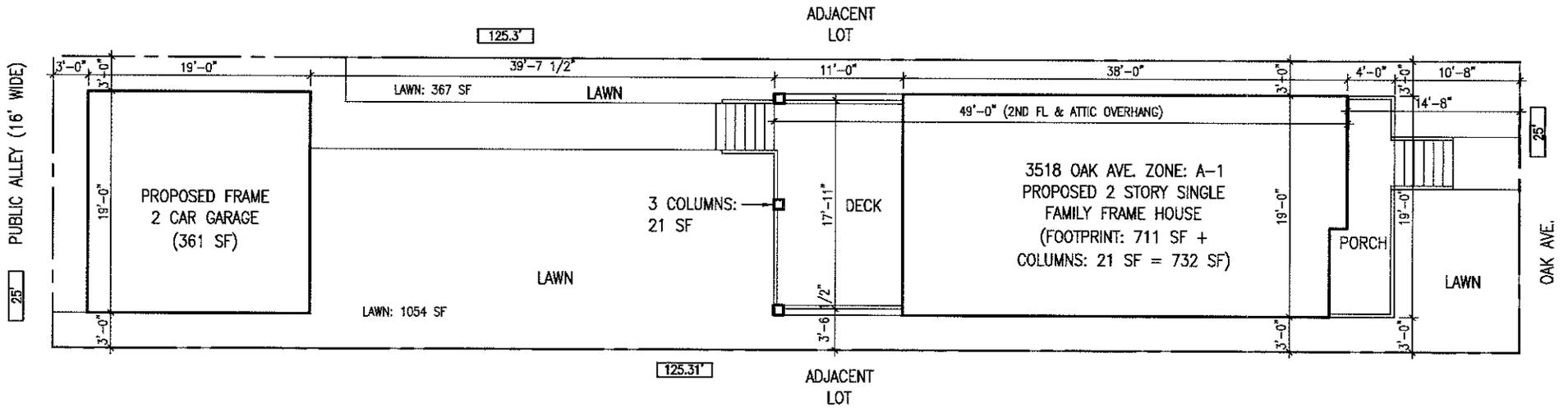
Facts show that new construction homes raise the values of neighboring properties.

6. That the variation sought will not unreasonably increase congestion in the public streets or otherwise endanger public safety;

It will not

7. That the variation is in harmony with the general purpose and intent of this ordinance.

Yes the Variation is to build a beautiful luxury single family home on the property and bring more homeowners to the town



LOT: 3132.5 SF
 MAX LOT COVERAGE: 35% (1096 SF)
 361 GARAGE + 732 HOUSE PROPOSED = 1093 SF

MIN GREEN SPACE: 40% (1253 SF)
 1421 SF PROPOSED

SITE PLAN

10/05/19





Request For Board Action

REFERRED TO BOARD: October 28, 2019

AGENDA ITEM NO: 3

ORIGINATING DEPARTMENT: Village Manager's Office

SUBJECT: Approval of Resolution # 2019-54 Appointing Chief Executives and Members of the Village Board to the Position of Director and Alternate Director of the West Cook County Solid Waste Agency

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

As a member of the West Cook County Solid Waste Agency (WCCSWA), it is required that the Village Board pass a resolution appointing a Director and Alternate Director representing the Village. The appointees shall be one of the following:

- Mayor or President of a member (if such member is a municipality);
- Another Elected member of the corporate authorities of the member; or
- the Chief Administrative Officer of the member

Consistent with the current appointments, staff has attached a resolution appointing Village Trustee Michael Garvey as Director and Village Manager Time Wiberg as an Alternate Director.

FINANCIAL IMPACT:

N/A

DOCUMENTS ATTACHED:

[Attached Resolution](#)

RECOMMENDED MOTION:

Review and Approval of Resolution

RESOLUTION NUMBER- 54

**A RESOLUTION APPOINTING CERTAIN CHIEF EXECUTIVES, AND
MEMBERS OF THE VILLAGE
BOARD TO THE POSITION OF DIRECTOR AND ALTERNATE DIRECTOR OF THE
WEST COOK COUNTY SOLID WASTE AGENCY**

PASSED AND APPROVED BY
THE PRESIDENT AND BOARD OF TRUSTEES
THE 28TH DAY OF OCTOBER 2019

RESOLUTION NUMBER- 54

**A RESOLUTION APPOINTING CERTAIN CHIEF EXECUTIVES, AND
MEMBERS OF THE VILLAGE
BOARD TO THE POSITION OF DIRECTOR AND ALTERNATE DIRECTOR OF THE
WEST COOK COUNTY SOLID WASTE AGENCY**

WHEREAS, more than thirty years ago, the units of local government as members and associate members (“Members”) of the West Cook County Solid Waste Agency (“Agency”) banded together in an effort to protect the environment and control the rising cost of the transfer and disposal of the municipal solid waste generated by their citizens; and

WHEREAS, the Members were also intent on minimizing their potential legal liability regarding the disposal of their municipal solid waste and assist in the Agency’s effort to increase recycling of significant portions of the waste stream; and

WHEREAS, in order to accomplish these goals the Agency routinely provides recycling and other alternatives for its Members and the Agency has developed the Regional Disposal Project (“RDP”) in which many Members participate; and

WHEREAS, the Agency has negotiated with numerous waste haulers and, most recently, entered into its third ten year contract successfully and substantially reducing waste disposal costs, limiting price increases and literally setting the market in our area; and

WHEREAS, the Agency has accomplished the goal of the limitation of environmental liability by providing for environmental audits of disposal facilities, requiring surety bonds, environmental insurance for disposal facilities and indemnification by the contractor and its parent company; and

WHEREAS, the Agency is governed by its Board of Directors who, along with four Alternate Directors, are required to be periodically appointed by Agency Members and who are required to be mayors/presidents, managers/administrators, or elected members of the Village Board.

NOW, THEREFORE, be it resolved by the President and Board of Trustees of the Village of Brookfield, Cook County, Illinois as follows:

SECTION 1: The foregoing preambles are hereby incorporated into this Resolution as though fully set forth herein.

SECTION 2: The Village Board hereby appoints the following individuals as the representative of the Village of Brookfield to the West Cook County Solid Waste Agency Board of Trustees:

| <u>NAME</u> | <u>OFFICE HELD</u> |
|---|------------------------|
| 1. <u>Michael Garvey</u> _____ , Director | <u>Village Trustee</u> |
| 2. <u>Tim Wiberg</u> _____ , Alt Director | <u>Village Manager</u> |
| 3. _____ , Alt Director | _____ |
| 4. _____ , Alt Director | _____ |
| 5. _____ , Alt Director | _____ |

SECTION 3: It is further hereby certified that, at the time hereof, each of the foregoing individuals is the President, Manager, or an elected member of the Village Board

SECTION 4: All Resolutions in conflict herewith are hereby repealed to the extent of such conflict.

SECTION 5: This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

APPROVED on October 28, 2019

ATTEST:

CLERK



Request For Board Action

REFERRED TO BOARD: October 28th, 2019

AGENDA ITEM NO: 4

ORIGINATING DEPARTMENT: Public Works

SUBJECT: Approval of a resolution to Award a Contract for the 2019 Tree Trimming Program to Winkler Tree and Landscaping Inc., in the amount of \$74,925.84

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

This year the Village budgeted for a Tree Trimming Program. Village staff reviews past Tree Trimming Programs and surveys the community to determine which area to prioritize. This year's Tree Trimming Program will include, but is not limited to the area between Woodside Avenue to Grove Avenue and Southview Avenue to the Rockefeller Avenue.

On October 2nd, 2019 a bid notice was posted on the Village website. On October 15th, 2019 the Village received and publicly opened two bids.

| <u>Contractor</u> | <u>Bid</u> |
|---|--------------|
| Davis Tree Trimming and Landscaping, Inc. | \$186,000.00 |
| Winkler Tree and Landscaping Inc. | \$133,320.00 |
| Public Works Estimate | \$75,000.00 |

The lowest bidder, Winkler Tree and Landscaping Inc., is a well qualified, local area contractor who has satisfactorily completed many municipal Tree Trimming Programs. They have a sufficient work force with which to complete this program by the required completion date. It is Public Work's recommendation that the Village accept the proposal submitted by Winkler Tree and Landscaping Inc.

FINANCIAL IMPACT:

The 2019 Tree Trimming Program was budgeted for \$75,000.00, the scope of 1500 trees will be reduced to 843 trees based on the unit price, the actual cost for the program will be \$74,925.84.

DOCUMENTS ATTACHED:

1. [Resolution](#)
2. [Public Works Recommendation letter and bid tabulation](#)

RECOMMENDED MOTION:

Motion to approve Resolution to award contract to Winkler Tree and Landscape Inc. for the 2019 Tree Trimming Program.

RESOLUTION NO. R-2019- 55

**A RESOLUTION AWARDING A CONTRACT AND AUTHORIZING THE ISSUANCE
OF CHANGE ORDER NUMBER ONE TO THE CONTRACT FOR TREE TRIMMING
SERVICES FOR THE VILLAGE OF BROOKFIELD, ILLINOIS**

PASSED AND APPROVED BY
THE PRESIDENT AND BOARD OF TRUSTEES
THE 28TH DAY OF OCTOBER 2019

RESOLUTION NO. R-2019- 55

A RESOLUTION AWARDING A CONTRACT AND AUTHORIZING THE ISSUANCE OF CHANGE ORDER NUMBER ONE TO THE CONTRACT FOR TREE TRIMMING SERVICES FOR THE VILLAGE OF BROOKFIELD, ILLINOIS

WHEREAS, pursuant to Article 11 of the Illinois Municipal Code, 65 ILCS 5/11, the Village of Brookfield (the “Village”) has the authority to improve and maintain roadways within its corporate limits including the trees planted within those rights-of-way;

WHEREAS, the Village of Brookfield publicly advertised for sealed bids for tree trimming services (the “Services”);

WHEREAS, bids for the Services were received, publicly opened, examined and declared at 3:00 p.m. on Tuesday, October 15, 2019;

WHEREAS, a total of two (2) bids were received and opened; and of the bids received and opened, the apparent lowest responsible bidder for the Services is Winkler’s Tree and Landscaping, Inc. of LaGrange Park, Illinois;

WHEREAS, the corporate authorities of the Village have determined that due to funding constraints, the trimming of six hundred fifty-seven (657) trees shall be eliminated from the base bid of the Services and only Services for trimming eight hundred forty-three (843) trees will be awarded, which thereby necessitates changes to the Contract;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the Village of Brookfield, Cook County, Illinois, as follows:

Section 1: The facts and statements contained in the preambles to this resolution are found to be true and correct and are hereby adopted as part of this resolution.

Section 2: The corporate authorities do hereby find Winkler's Tree and Landscaping, Inc. to be the lowest responsible bidder for the Services.

Section 3: Winkler's Tree and Landscaping, Inc. is hereby awarded the contract for the Services, at the prices set forth in its bid subject to executing Change Order Number One and the furnishing of the proper insurance.

Section 4: The Village President is hereby authorized to execute and the Village Clerk to attest and seal a Notice of Award substantially in the form attached hereto as Exhibit "A" and made a part hereof. The Notice of Award shall be issued to Winkler's Tree and Landscaping, Inc., the lowest responsible bidder for the Services. The Notice of Award shall be accompanied by Change Order Number One and a sufficient number of contracts with all other written contract documents attached for execution by Winkler's Tree and Landscaping, Inc.

Section 5: The corporate authorities find that (1) the circumstances said to necessitate the changes to the Contract with Winkler's Tree and Landscaping, Inc. for the Services were not reasonably foreseeable at the time the Contract was bid; or (2) the changes to the Contract with Winkler's Tree and Landscaping, Inc. for the Services are germane to the original Contract as signed; and (3) the Change Order is in the best interest of the Village.

Section 6: The corporate authorities find that this change order does not authorize or necessitate an increase in the contract price that is fifty percent (50%) or

more of the original contract price and that it does not authorize or necessitate an increase in the price of a subcontract under the contract that is fifty percent (50%) or more of the original subcontract price.

Section 7: The Village President is hereby authorized to execute Change Order Number One to the Contract substantially in the form attached hereto marked as Exhibit "B" and made a part hereof with such terms therein, consistent with this resolution as may be approved by the officials executing the same, their execution thereof shall constitute conclusive evidence of their approval of the same, subject to review and approval of such Change Order by the Village President and the Village Attorney.

Section 8: The form, terms and provisions of the Contract and the separate exhibits as provided in the Contract are hereby approved in substantially the form attached hereto as Exhibit "C," with such insertions, omissions and changes as shall be approved by the Village President of the Village, the execution of such documents being conclusive evidence of such approval. Provided that Winkler's Tree and Landscaping, Inc. returns to the Village within ten (10) days of the receipt of the Notice of Award Change Order Number One, the contract with all other written contract documents attached, properly executed by it, along with the proper bonds and evidence of insurance, then the Village President is authorized to execute and the Village Clerk to attest the contract and other written contract documents. The officials, officers, employees and agents of the Village are authorized to take such actions and execute such documents as are necessary to carry out the purpose and intent of this resolution.

Section 9: This resolution shall take effect upon its passage and approval in pamphlet form.

ADOPTED this 28th day of October 2019, pursuant to a roll call vote as follows:

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this 28th day of October 2019.

Kit P. Ketchmark, President of the
Village of Brookfield, Cook County, Illinois

ATTESTED and filed in my office,
and published in pamphlet form
this 28th day of October 2019.

Brigid Weber, Clerk of the
Village of Brookfield, Cook County, Illinois

Exhibit "A"

**VILLAGE OF BROOKFIELD, ILLINOIS
NOTICE OF AWARD**

TO: Mr. Vincent W. Winkler, President
Winkler's Tree and Landscaping, Inc.
P.O. Box 1154
LaGrange Park, Illinois 60526

SERVICES DESCRIPTION: Village of Brookfield, Illinois, 2019 Tree Trimming Program.

THE VILLAGE OF BROOKFIELD has considered the Proposal submitted by you for the above-described work.
YOU ARE HEREBY NOTIFIED that your proposal has been accepted for the following items at the following prices:

PRICE SCHEDULE

| Item No. | Description | Quantity (Trees) | Unit Cost (\$ per diameter inch) | Total Cost |
|--------------------------------|--------------------|-------------------------|---|--------------------|
| Base Bid | | | | |
| 1. | Tree Trimming | 1500 | \$88.88 | \$133,320.00 |
| Change Order | | | | |
| 1. | Tree Trimming | (657) | \$88.88 | (\$58,394.16) |
| Total of Accepted Items | | | | \$74,925.84 |

subject to the furnishing of the proper bonds and insurance.

You are required to execute the Contract and furnish the required bonds and insurance within ten (10) calendar days from the date of the receipt of this Notice. If you fail to execute said Contract and to furnish said insurance within ten (10) days from the issuance of this Notice of Award, the Village will be entitled to consider all your rights arising out of the Village's acceptance of your bid as abandoned and as a forfeiture of your bid security. The Village will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this Notice of Award to the Village of Brookfield.

Dated this 28th day of October 2019.

VILLAGE OF BROOKFIELD, ILLINOIS

By: _____

Kit P. Ketchmark, President of the
Village of Brookfield, Cook County, Illinois

ATTESTED and filed in my office,
this 28th day of October 2019.

Brigid Weber, Clerk of the Village
of Brookfield, Cook County, Illinois

ACCEPTANCE OF NOTICE

Receipt of the above Notice of Award is hereby acknowledged by Winkler's Tree and Landscaping, Inc. this 28th day of October 2019.

Winkler's Tree and Landscaping, Inc.

Vincent W. Winkler, President

Exhibit "B"

Change Order Number One

Date: October 28, 2019

PROJECT: Village of Brookfield, Illinois – 2019 Tree Trimming Program
 CONTRACTOR: Winkler’s Tree and Landscaping, Inc.

The following changes are hereby made to the Contract Documents:

657 trees are eliminated from the Services.

| Item No. | Description | Original Quantity | Change | New Quantity | Unit Price | Original Amount | Change | New Amount |
|----------|---------------|-------------------|--------|--------------|------------|-----------------|---------------|--------------------|
| 1 | Tree Trimming | 1,500 | (657) | 843 | \$88.88 | \$133,320.00 | (\$58,394.16) | \$74,925.84 |
| | TOTAL | | | | | | (\$58,394.16) | |

| | |
|--|--|
| Change to CONTRACT SUM: | |
| Original CONTRACT SUM | \$133,320.00 |
| Net change to CONTRACT SUM by previously authorized Change Orders | \$0.00 |
| CONTRACT SUM prior to this Change Order | \$133,320.00 |
| Change to the CONTRACT SUM authorized by this Change Order | (\$58,394.16) |
| CONTRACT SUM including this Change Order | \$74,925.84 |
| Change to CONTRACT TIME: | |
| Original DATE OF SUBSTANTIAL COMPLETION | 365 calendar days from Notice to Proceed |
| Net change to CONTRACT TIME by previously authorized Change Orders | 0 calendar days |
| DATE OF SUBSTANTIAL COMPLETION prior to this Change Order | 365 calendar days from Notice to Proceed |
| Change authorized by this Change Order | 0 calendar days |
| DATE OF SUBSTANTIAL COMPLETION as of the date of this Change Order | 365 calendar days from Notice to Proceed |

Contractor: Winkler’s Tree and Landscaping, Inc.

By: _____
 Vincent W. Winkler, President

Village: Village of Brookfield, Illinois

By: _____
 Kit P. Ketchmark, Village President of the Village of Brookfield, Cook County, Illinois

CONTRACT
by and between the
VILLAGE OF BROOKFIELD, ILLINOIS
and
WINKLER'S TREE AND LANDSCAPING, INC.
for the
2019 TREE TRIMMING PROGRAM

TREE TRIMMING SERVICES CONTRACT

This Contract is made this 28th day of October 2019 between the Village of Brookfield, Illinois, an Illinois municipal corporation, (the "Village"), and Winkler's Tree and Landscaping, Inc., (the "Contractor"), for village tree removal services for the Village of Brookfield, Illinois.

In consideration of the mutual terms and covenants set forth in this Contract and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Village and the Contractor agree as follows:

ARTICLE 1. DEFINITIONS

Wherever in the Contract the following terms or pronouns in place of them are used, the intent and meaning shall be interpreted as follows:

1.1 Contract. The written agreement between the Village and the Contractor (including the Special Provisions) setting forth the obligations of the parties thereunder, including, but not limited to, the performance of the Work, the furnishing of labor and materials required to complete the Work in an acceptable manner, including authorized extensions thereof and the basis of payment.

1.2 Contractor. The individual, firm, partnership, joint venture or corporation contracting with the Village for performance of prescribed Work.

1.3 Director of Public Works and Services. The Village of Brookfield Director of Public Works and Services, acting as the authorized representative of the Village of Brookfield Village Manager.

1.4 Equipment. All machinery and equipment, together with the necessary supplies for upkeep and maintenance and also tools and apparatus necessary for the proper construction and acceptable completion of the Work.

1.5 Extra Work. An item of Work not provided for in the Contract as awarded but found essential and germane to the satisfactory completion of the Contract within its intended scope as determined by the Village Manager.

1.6 Materials. Any substances specified for use in the performing the Work.

1.7 Village. The Village of Brookfield, Illinois.

1.8 Village Manager. The Village of Brookfield, Illinois, Village Manager.

1.9 Work. Work shall mean the furnishing of all labor, materials, tools, equipment, and other incidentals necessary or convenient to the successful performance of the obligations undertaken by the Contractor under the terms of the Contract.

ARTICLE 2. THE WORK

2.1 Intent of the Contract. The intent of the Contract is to prescribe a complete outline of Work which the Contractor undertakes to do in full compliance with the terms of the Contract. The Contractor shall perform all Work and such additional, extra and incidental Work as may be necessary to complete the Work. The Contractor shall furnish all required materials, equipment, tools, labor and incidentals, unless otherwise provided in the Contract.

2.2 The Work. For and in consideration of the payments to be made by the Village to the Contractor, the Contractor shall perform the Work set forth in this Contract in compliance with all of the terms and the requirements of this Contract (including the Special Provisions) and with any Change Orders executed by the Village and the Contractor after execution of this Contract.

2.3 Alterations, Cancellations, Extensions, Deductions and Extra Work. The Village reserves the right to make, in writing, at any time during the Work, changes or alterations in the Work and the performance of Extra Work to satisfactorily complete the Work. The Work may be increased, decreased or omitted. Such changes, alterations and Extra Work shall not invalidate the Contract. The Contractor shall perform the Work as altered. If the alterations or changes significantly change the character of the Work under the Contract, an adjustment, excluding loss of anticipated profits, will be made to the Contract. The basis for the adjustment shall be agreed upon

prior to the performance of the Work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the Contractor in such amount as the Village Manager may determine to be fair and equitable.

All alterations, cancellations, extensions, and deductions shall be authorized in writing by the Village Manager before Work is started. Such authorizations shall set up the items of Work involved and the method of payment for each item. Under no circumstances shall the Contractor undertake Extra Work without notification to the Village Manager and receipt of written authorization as provided herein. Claims for Extra Work which have not been authorized in writing by the Village Manager will be rejected.

ARTICLE 3. CONTRACT TERM AND RENEWAL

3.1 This Contract is effective when it is executed by both the Village and the Contractor and continues in effect for one (1) year from the effective date. The term of this Contract may, at the option of the Village, be renewed for two (2) additional one- (1-) year periods, provided that the Village appropriates an amount in subsequent years sufficient to pay the amounts due under this Contract.

ARTICLE 4. CONTRACT REQUIREMENTS

4.1 Familiarity with Contract Requirements. Prior to execution of the Contract, the Contractor:

4.1.1 Shall carefully examine the provisions of the Contract, inspect in detail the site of the proposed Work, investigate and become familiar with all the local conditions affecting the Contract and become fully acquainted with the detailed requirements of the Work;

4.1.2 Conclusively assures and warrants to the Village that the Contractor has made these examinations and that the Contractor understands all requirements for the performance of the Work;

4.1.3 Shall be responsible for all errors or additional costs resulting from the Contractor's failure or neglect to make these examinations or gain an understanding of the Contract requirements; and

4.1.4 Shall be responsible for any costs, expenses, losses, or change in anticipated profits resulting from such failure or neglect of the Contractor to make these examinations or gain an understanding of the Contract requirements.

4.2 Certifications. The executed Contract shall be accompanied by a Contractor's Certification in the form provided by the Village. The Contractor shall certify the following:

4.2.1 Illinois Taxes. The Contractor shall certify that, if it is a partnership, it is not and its general partners are not, and, if it is a corporation, its shareholders holding more than five percent (5%) of the outstanding shares of the corporation, its officers and directors are not delinquent in the payment of taxes to the Illinois Department of Revenue in accordance with 65 ILCS 5/11-42.1-1.

4.2.2 Bid Rigging. The Contractor shall certify that, if it is a partnership, it has not and its general partners have not, and, if it is a corporation, its shareholders holding more than five percent (5%) of the outstanding shares of the corporation, its officers and directors have not been barred from contracting with a unit of state or local government as a result of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961.

4.2.3 Drug-free Workplace. The Contractor shall certify that it will provide a drug-free workplace by:

4.2.3.1 Publishing a statement:

4.2.3.1.1 Notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance, including cannabis, is prohibited in the Contractor's workplace;

4.2.3.1.2 Specifying the actions that will be taken against employees for violations of such prohibition;

4.2.3.1.3 Notifying the employee that, as a condition of employment on such Contract, the employee will:

4.2.3.1.3.1 Abide by the terms of the statement; and

4.2.3.1.3.2 Notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction;

4.2.3.2 Establishing a drug-free awareness program to inform employees about:

4.2.3.2.1 The dangers of drug abuse in the workplace;

4.2.3.2.2 The Contractor's policy of maintaining a drug-free workplace;

4.2.3.2.3 Any available drug counseling, rehabilitation, and employee assistance program; and

4.2.3.2.4 The penalties that may be imposed upon employees for drug violations;

4.2.3.3 Making it a requirement to give a copy of the statement required by subparagraph 4.2.3.1 to each employee engaged in the performance of the Contract and to post the statement in a prominent place in the workplace;

4.2.3.4 Notifying the Village within ten (10) days after receiving notice under subparagraph 4.2.3.1.3.2 from an employee or otherwise receiving actual notice of such conviction;

4.2.3.5 Imposing a sanction on or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by any employee who is so convicted, as required by 30 ILCS 580/5;

4.2.3.6 Assisting employees in selecting a course of action in the event drug counseling treatment and rehabilitation is required and indicating that a trained referral team is in place;

4.2.3.7 Making a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

4.2.4 Educational Loan. The Contractor shall certify that, if it is an individual, it is not; if it is a partnership, its general partners are not; and, if it is a corporation, its shareholders holding more than five percent (5%) of the outstanding shares of the corporation, its officers and directors are not in default, as defined in 5 ILCS 385/2, on an educational loan, as defined in 5 ILCS 385/1.

4.2.5 Human Rights Number. The Contractor shall certify that at the time the Contractor submitted a bid on this Contract, the Contractor had an Illinois Department of Human Rights pre-qualification number or had a properly completed application for same on file with the Illinois Department of Human Rights, as provided for in 44 Illinois Administrative Code 750.210.

4.2.6 Prohibited Interest in Contract. The Contractor shall certify that:

4.2.6.1 No Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of any interest in the Contractor, or

4.2.6.2 If the Contractor's stock is traded on a nationally recognized securities market, no Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of more than one percent (1%) of the Contractor; but if any Village officer, spouse or dependent child of a Village officer, agent on behalf of any Village officer or trust in which a Village officer, the spouse or dependent child of a Village officer or a beneficiary is a holder of less than one percent (1%) of such Contractor, the Contractor has disclosed to the Village in writing the name(s) of the holder of such interest.

4.2.7 Gift Ban.

4.2.7.1 The Contractor shall certify that no officer or employee of the Village has solicited any gratuity, discount, entertainment, hospitality, loan, forbearance, or other tangible or intangible item having monetary value including, but not limited to, cash, food and drink, and honoraria for speaking engagements related to or attributable to the government employment or the official

position of the employee or officer from the Contractor in violation of Chapter 2, Article VII of the Code of Brookfield Illinois; and

4.2.7.2 The Contractor shall certify that the Contractor has not given to any officer or employee of the Village any gratuity, discount, entertainment, hospitality, loan, forbearance, or other tangible or intangible item having monetary value including, but not limited to, cash, food and drink, and honoraria for speaking engagements related to or attributable to the government employment or the official position of the employee or officer in violation of Chapter 2, Article VII of the Code of Brookfield Illinois.

4.2.8 Patriot Act. The Contractor shall certify that neither it nor any of its principals, shareholders, members, partners, or affiliates, as applicable, is a person or entity named as a Specially Designated National and Blocked Person (as defined in Presidential Executive Order 13224) and that it is not acting, directly or indirectly, for or on behalf of a Specially Designated National and Blocked Person and that the Contractor and its principals, shareholders, members, partners, or affiliates, as applicable, are not, directly or indirectly, engaged in, and are not facilitating, the transactions contemplated by this Contract on behalf of any person or entity named as a Specially Designated National and Blocked Person.

ARTICLE 5. CONTROL OF WORK

5.1 Authority of Village Manager. The Village Manager will be the Village's primary representative in the administration of this Contract. The Director of Public Works and Services shall act as the Village's project manager as provided in the Contract documents subject to the control and authority of the Village Manager. All Work of the Contract shall be completed to the satisfaction of the Village Manager. The Village Manager shall have the authority to determine questions of fact that arise in relation to the interpretation of this Contract and the Contractor's performance hereunder. The Contractor shall proceed diligently with the performance of the Contract and in accordance with the Village's decision whether or not the Contractor or anyone else has an active claim pending. Continuation of the performance of the Contractor shall not be construed as a waiver of any rights accruing to the Contractor.

The decision of the Village Manager shall be final on all questions which may arise, including, but not limited to, the quality and acceptability of materials and Work; the manner of performance; acceptable rates of progress on the Work; the interpretation of the Contract and specifications; the fulfillment of the Contract; the measurement of quantities and payment under the Contract; and the determination of the existence of changed or differing site conditions.

The Village Manager shall have the right to exclude any person from the job site and deny that person future access to the job site when the Village Manager determines that the person is performing work not in a workmanlike manner, is causing disruption or conflicts, appears to be intoxicated or under the influence of drugs, has violated any state or federal law or regulation or has behaved violently or in a threatening manner in any way related to the project. If the person is an employee of the Contractor or a subcontractor, the Village Manager may instruct the Contractor to exclude such person; and the Contractor shall comply.

The Village Manager will notify the Contractor in writing if the Work is to be suspended wholly or in part due to the failure of the Contractor to carry out provisions of the Contract or failure to carry out orders of the Village Manager. The Work may also be suspended at the Contractor's risk for such periods as the Village Manager may deem necessary due to unsuitable weather; for conditions considered unsuitable for the prosecution of the Work or for any other condition or reason deemed to be in the public interest.

The Contract does not require the Village to provide the Contractor with direction or advice on how to do the Work. If the Village approves or recommends any method or manner for doing the Work, the approval or recommendation shall not guarantee that following the method or manner will result in compliance with the Contract, relieve the Contractor of the risks and obligations of the Contract or create liability for the Village.

In case of failure on the part of the Contractor to execute Work ordered by the Village Manager, the Village Manager may, at the expiration of a period of 48 hours after giving notice in writing to the Contractor, proceed to execute such Work as may be deemed necessary; and the cost thereof shall be deducted from compensation due or which may become due the Contractor under the Contract.

Authority to authorize Work or approve changes which do not increase the amount payable to the Contractor or which increase the amount payable to the Contractor by not more than \$20,000.00 may be exercised by a written

change order of the Village Manager. Authority to increase the amount payable to the Contractor in all other instances may only be exercised by written change order signed by the Village President and authorized by a due and proper vote of the Village Board of Trustees.

5.2 Conformity with Contract. All Work performed and all materials furnished shall be in conformity with the Contract. All Work or material which does not conform to the requirements of the Contract will be considered unacceptable. Unacceptable Work, whether the result of poor workmanship, use of defective materials, damage through carelessness, or other cause, and unacceptable material shall be remedied and corrected in an acceptable manner by and at the expense of the Contractor.

All requests for interpretation of the Contract documents and clarification to facilitate proper execution of the work shall be directed in writing to the Village Manager. The Village Manager will furnish interpretations and supplemental instructions. All such interpretations and instructions which constitute changes shall promptly be brought to the attention of Village.

The Village reserves the right to recover from the Contractor all or a portion of the costs associated with change orders issued to correct errors or work due to the Contractor's failure to properly perform the work required by the Contract. Incidental damages, including any delay of work or damages incurred by other parties due to errors and omissions, may be included in the recovery.

The Village reserves the right to accept Work produced by the Contractor if the Village Manager finds the noncompliant materials or the nonconforming Work are in close conformity with the Contract. In this event, the Village Manager shall document the basis of acceptance by Contract modification which may provide for an appropriate adjustment in the Contract price for such Work or materials as the Village Manager deems necessary to conform to the determination. The determination of the Village will be based on the best judgment of the Village Manager and shall be final and binding. Work done contrary to instructions given by the Village Manager or any Extra Work done without written approval given by the Village Manager will be considered unacceptable and will not be paid for under the Contract. Work so done may be ordered removed or replaced at the Contractor's expense.

The statement elsewhere in the Contract of remedies for the use of unacceptable materials or for unacceptable Work shall not be exclusive of the remedies provided in this Article unless expressly provided therein.

Upon failure of the Contractor to comply with any order of the Village Manager made under the provisions of this Article, the Village Manager will have authority to cause the unacceptable Work to be corrected and to deduct the cost from any monies due or to become due the Contractor.

5.3 Supervision of the Work. Using its best skill and judgment, the Contractor shall supervise, manage and coordinate the Contractor's work. The Contractor shall be responsible for site safety and for all construction means, methods, techniques, sequences and procedures, safety and for coordinating all portions of the work under its contract.

5.4 Adequate Staff. The Contractor shall furnish a competent and adequate staff as necessary for the proper administration, coordination and supervision of the Contractor's work; organize the procurement of all materials and equipment so that they will be available at the time they are needed for the Contractor's work; and keep an adequate force of skilled workers on the job to complete the Contractor's work in accordance with all requirements of the contract.

5.5 Contractor's Principal-in-Charge. The Contractor shall designate a principal-in-charge for the Contract. The Village Manager shall address all questions and concerns about the contract and the Contractor's performance of its duties of the contract to the Contractor's principal-in-charge.

5.6 Superintendent. The Contractor shall employ a competent superintendent, satisfactory to the Village Manager, who shall be in attendance at the site throughout the active performance of the Contractor's work, and at such other times as may be reasonably necessary, and who shall be authorized to commit the Contractor with regard to workforce schedule, coordination and cooperation.

5.6.1 The Contractor shall submit the resume of the proposed superintendent to the Village Manager for review and approval prior to assigning the superintendent to the project.

5.6.2 A letter of authority shall be furnished by the Contractor to the Village Manager designating the level of authority of the superintendent and any others who may conduct business for the Contractor.

5.6.3 The superintendent shall have not less than two years' documented experience in responsible field supervision for projects of comparable size and complexity.

5.6.4 The Contractor shall not change the superintendent unless it has given Village Manager a written request for change fifteen (15) calendar days in advance of its proposed change unless in the case of an emergency, where notice will be as soon as possible and the Village Manager has given authorization to do so.

5.6.5 In the event the superintendent fails to perform his/her duties under the Contract requirements, Village Manager may, in writing, require the Contractor to remove the superintendent from the project. The Contractor shall provide a competent replacement.

5.7 Responsibility for Damages. The Contractor shall be responsible for all loss or damage to the work, the project, the site and improvements thereon, the work of other contractors, and loss to the Village including, but not limited to, costs of suit, property damage, attorneys' fees, labor or costs of labor caused by its performance of the Contract.

5.8 Work of Other Contractors. The Village reserves the right to execute other contracts in connection with the project. The Contractor shall afford other contractors reasonable opportunity for the introduction and storage of their materials and for the execution of their work and shall properly connect and coordinate its work with theirs. The Contractor shall not commit or permit any act that will interfere with the performance of work by any other contractor or by Village.

5.9 Miscellaneous. Other rights and responsibilities of the Contractor are set forth throughout these contract documents and are included under other titles, articles, sections and headings for convenience. It is the responsibility of the Contractor to familiarize itself with all provisions of these contract documents in order to understand fully the entirety of its rights and responsibilities hereunder.

5.10 Cooperation by Contractor. The Contractor shall give the Work constant attention necessary to facilitate the progress thereof and shall cooperate with the Village Manager, appointed inspectors and other contractors in every way possible.

5.11 Authority and Duties of the Director of Public Works and Services. The Director of Public Works and Services is authorized to inspect all Work done and materials furnished. Such inspection may extend to all or any part of the Work and to the preparation, fabrication or manufacture of the materials to be used. The Director of Public Works and Services is not authorized to alter or waive the provisions of the Contract. The Director of Public Services is not authorized to issue instructions contrary to the terms of the Contract or to act as supervisor for the Contractor. The Director of Public Works and Services has the authority to reject defective Work or material and to suspend any Work being improperly performed.

5.12 Inspection of Work. All materials and each part or detail of the Work shall be subject at all times to inspection by the Village Manager and the Director of Public Works and Services. The Village Manager and the Director of Public Works and Services shall be furnished with such information and assistance by the Contractor as is required to make a complete and detailed inspection.

ARTICLE 6. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

6.1 Laws to be Observed. The Contractor shall at all times observe and comply with all federal and state laws, local laws, ordinances and regulations which in any manner affect the conduct of the Work; and all such orders or enactments as exist at the present and which may be enacted later of legislative bodies or tribunals having legal jurisdiction or which may have effect over the Work; and no plea of misunderstanding or ignorance thereof will be considered. The Contractor shall indemnify and save harmless the Village and all of its officers, agents, employees, and servants against any claim or liability arising from or based on the violation of such law, ordinance, regulation, order or enactment, whether by the Contractor or anyone subject to the control of the Contractor.

6.2 Sexual Harassment Policy. The Contractor shall have in place and shall enforce a written sexual harassment policy in compliance with 775 ILCS 5/2-105(A)(4).

6.3 Eligibility for Employment in the United States. The Contractor shall complete and keep on file, as appropriate, the Immigration and Naturalization Service Employment Eligibility Form (I-9). This form shall be used by the Contractor to verify that persons employed by the Contractor are eligible to work in the United States.

6.4 Civil Rights. The Contractor shall comply with the Civil Rights Act of 1964, as amended, and Title 49, Code of Federal Regulations, part 21.

6.5 Foreign Corporation. The Contractor shall be an Illinois corporation or limited liability company or if the Contractor is a foreign (non-Illinois) corporation or limited liability company, the Contractor shall procure from the Illinois Secretary of State a certificate of authority to transact business in Illinois in accordance with 805 ILCS 5/13.

6.6 Confidentiality of Information. Any documents, data, records, or other information relating to the project and all information secured by the Contractor from the Village in connection with the performance of services, unless in the public domain, shall be kept confidential by the Contractor and shall not be made available to third parties without written consent of the Village, unless so required by court order.

6.7 Workers' Compensation Insurance. Prior to the approval of its Contract by the Village, the Contractor shall furnish to the Village certificates of insurance covering Workers' Compensation, or satisfactory evidence that this liability is otherwise taken care of according to Section 4 (a) of the Workers' Compensation Act of the State of Illinois, as amended.

Such insurance, or other means of protection as herein provided, shall be kept in force until all Work to be performed under the terms of the Contract has been completed and accepted according to the Special Provisions; and it is hereby understood and agreed that the maintenance of such insurance or other protection, until acceptance of the Work by the Village, is a part of the Contract. Failure to maintain such insurance, cancellation by the Industrial Commission of its approval of such other means of protection as might have been elected, or any other act which results in lack of protection under the said Workers' Compensation Act may be considered as a breach of the Contract.

6.8 Equal Employment Opportunity. During the performance of this Contract, the Contractor shall:

6.8.1 Not discriminate against any employee or applicant for employment because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

6.8.2 If it hires additional employees in order to perform this Contract or any portion hereof, it will determine the availability of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.

6.8.3 In all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, marital status, national origin or ancestry, age, physical or mental handicap unrelated to ability, or an unfavorable discharge from military service.

6.8.4 Send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Contractor's obligations under the Illinois Human Rights Act and the Illinois Department of Human Rights Rules and Regulations. If any such labor organization or representative fails or refuses to cooperate with the Contractor in its efforts to comply with such Act and Rules and Regulations, the Contractor will promptly so notify the Illinois Department of Human Rights; and the Village and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

6.8.5 Submit reports as required by the Illinois Department of Human Rights, Rules and Regulations, furnish all relevant information as may from time to time be requested by the Department or the Village, and in all respects comply with the Illinois Human Rights Act and the Department's Rules and Regulations.

6.8.6 Permit access to all relevant books, records, accounts and Work sites by personnel of the Village and the Illinois Department of Human Rights for purposes of investigation to ascertain compliance with the Illinois Human Rights Act and the Department's Rules and Regulations.

6.8.7 Include verbatim or by reference provisions of this clause in every subcontract it awards under which any portion of the Contract obligations are undertaken or assumed so that such provisions of this Contract will be binding upon such subcontractor. In the same manner as with other provisions of this Contract, the Contractor will be liable for compliance with applicable provisions of this clause by such subcontractor; and further it will promptly notify the Village and the Illinois Department of Human Rights

in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

In the event of the Contractor's non-compliance with the provisions of this Article 6.8, the Illinois Human Rights Act or the Illinois Department of Human Rights, Rule and Regulations, the Contractor may be declared ineligible for future contracts or subcontracts with the Village, and the Contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation.

6.9 Non-Segregated Facilities. The Contractor shall not maintain or provide for its employees any segregated facilities at any of its establishments, and not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. As used in this subparagraph, the term "segregated facilities" means any waiting rooms, Work areas, restrooms and washrooms, cafeterias and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. The Contractor shall (except where it has obtained identical certifications from proposed subcontractors and material suppliers for specific time periods), obtain certifications in compliance with this subparagraph from proposed subcontractors or material suppliers prior to the award of subcontracts or the consummation of material supply agreements, exceeding \$10,000.00 which are not exempt from the provisions of the Equal Opportunity clause, and that it will retain such certifications in its files.

6.10 Permits and Licenses. The Contractor shall procure all permits and licenses, pay all charges and fees, and give all notices necessary and incidental to the due and lawful prosecution of the Work.

6.11 Patented Devices, Material, and Processes. If any design, device, material, or process covered by letters, patent, or copyright is used by the Contractor, whether required or not, the Contractor shall provide for such use by suitable legal agreement with the patentee or owner, guaranteeing the Village indemnity from and against all claims for infringement, and shall include the cost of such agreement in the price bid for the Work. It shall be the duty of the Contractor, if so demanded by the Village, to furnish said Village with a copy of the legal agreement with the patentee or owner, and if such copy is not furnished when demanded, then the Village may, if it so elects, withhold any and all payments to said Contractor until said legal agreement is furnished. If a suitable legal agreement with the patentee or owner is not made as required herein, the Contractor shall indemnify and save harmless the Village from any and all claims for infringement by reason of the use of any such patented design, device, material, or process, or any trademark or copyright in connection with the Work agreed to be performed under the Contract, and shall indemnify the Village for any cost, expense, and damages which it may be obliged to pay by reason of any such infringement at any time during the prosecution or after the completion of the Work.

6.12 Public Convenience and Safety. The Contractor shall exercise every precaution at all times for the protection of persons and properties. The safety provisions of all applicable laws and ordinances shall be strictly observed. The Contractor shall at all times conduct the Work in such a manner as to ensure the least inconvenience to the public. The convenience of the general public shall be provided for in an adequate and satisfactory manner. No Work shall be performed during any legal holiday period, except with the written permission of the Village Manager. The legal holidays will include:

- New Year's Day
- Easter
- Memorial Day
- Independence Day
- Labor Day
- Thanksgiving Day
- Christmas Day

6.13 Protection and Restoration of Property. If private property interferes with the Work, the Contractor shall notify, in writing, the owners of such property, advising them of the nature of the interference and shall arrange to cooperate with them for the protection, alteration, restoration or disposition of such property. The Contractor shall furnish the Village Manager with copies of such notifications and with copies of any agreements between the Contractor and the property owners concerning such protection, alteration, restoration or disposition. The Contractor shall take all necessary precautions for the protection of private property.

The Contractor shall be responsible for the damage or destruction of property of any character resulting from neglect, misconduct or omission in its manner or method of execution or non-execution of the Work, or caused by defective Work or the use of unsatisfactory materials; and such responsibility shall not be released until the Work shall have been completed and accepted in compliance with the requirements of the Contract.

Whenever public or private property is so damaged or destroyed, the Contractor shall, at its expense, restore such property to a condition equal to that existing before such damage or injury was done by repairing, rebuilding, or replacing it as may be directed, or the Contractor shall otherwise make good such damage or destruction in an acceptable manner. If the Contractor fails to do so, the Village Manager may, after the expiration of a period of 48 hours after giving the Contractor notice in writing, proceed to repair, rebuild or otherwise restore such property as may be deemed necessary; and the cost thereof shall be deducted from any compensation due, or which may become due, the Contractor under this or any other contract between the Village and the Contractor.

The cost of all materials required and all labor necessary to comply with the above provisions will not be paid for separately but shall be considered as included in the bid prices of the Contract, and no additional compensation will be allowed.

6.14 Indemnification. To the fullest extent permitted by law, the Contractor shall be responsible for any and all injuries to persons or damages to property due to the negligent or willful act or omission of the Contractor arising or in consequence of the performance of the Work by the Contractor. The Contractor hereby agrees to defend, indemnify and hold harmless the Village, its officials, agents and employees, against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Village, its officials, agents and employees, due to the negligent or willful act or omission of the Contractor arising in or in consequence of the performance of this Work by the Contractor. The Contractor shall, at its own expense, appear, defend and pay all charges of attorneys and all costs and other expenses arising therefor or incurred in connection therewith; and, if any judgment shall be rendered against the Village, its officials, agents and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same.

Notwithstanding any of the foregoing, nothing contained in this paragraph shall require the Contractor to indemnify the Village, its officials, agents and employees for their own negligent acts or omissions.

In the event any such claim, lawsuit, or action is asserted, any such money due the Contractor under and by virtue of the Contract as shall be deemed necessary by the Village for the payment thereof, may be retained by the Village for said purpose until any such lawsuit, action or claim has been settled or has been fully judicially determined and satisfied.

No inspection by the Village, its employees or agents shall be deemed a waiver by the Village of full compliance with the requirements of the Contract. This indemnification shall not be limited by the required minimum insurance coverages provided in the Contract.

6.15 Insurance. The Contractor shall obtain and thereafter keep in force the following insurance coverages provided by insurance companies acceptable to the Village and authorized to transact business under the laws of the State of Illinois. The insurance companies providing coverage shall be rated in the Best's Key Rating Guide. The Village will accept companies with a rating not lower than B+ provided the financial size category is VII or larger. Companies rated A- or better shall have a financial size category of not less than VI. Coverage limits shall be written at not less than the minimum specified in this Article. Higher minimum limits and additional coverage may be specified by a special provision elsewhere in the Contract. Whether stated in this Article or elsewhere, the Village does not warrant the adequacy of the types of insurance coverage or the limits of liability specified.

6.15.1 Workers' Compensation and Employer's Liability.

6.15.1.1 Workers' compensation shall be provided according to the provisions of the Illinois Workers' Compensation Act, as amended. Notwithstanding the rating and financial size categories stated in this Article, coverage may be provided by a group self-insurer authorized in Section 4(a) of the Act and approved pursuant to the rules of the Illinois Department of Insurance.

6.15.1.2 Employer's Liability.

6.15.1.2.1 Each Accident \$1,000,000

6.15.1.2.2 Disease - Policy Limit \$1,000,000

6.15.1.2.3 Disease - Each Employee \$1,000,000

6.15.2 Commercial General Liability. Required liability insurance coverage shall be written in the occurrence form and shall provide coverage for operations of the Contractor; operations of subcontractors (contingent or protective liability); completed operations; broad form property damage and hazards of explosion, collapse and underground; and contractual liability. The general aggregate limit shall be endorsed on a per-project basis.

6.15.2.1 General Aggregate Limit \$2,000,000

6.15.2.2 Products-Completed Operations Aggregate Limit \$2,000,000

6.15.2.3 Each Occurrence Limit \$1,000,000

The coverage shall provide by an endorsement in the appropriate manner and form, the Village, its officers, and employees shall be named as additional insureds with respect to the policies and any umbrella excess liability coverage for occurrences arising in whole or in part out of the Work and operations performed.

6.15.3 Commercial Automobile Liability. The policy shall cover owned, non-owned, and hired vehicles.

Bodily Injury & Property Damage Liability - Each Occurrence Limit \$1,000,000

6.15.4 Environmental Impairment/Pollution Liability: \$1,000,000 combined single limit per occurrence for bodily injury, property damage and remediation costs.

6.15.5 Any policy shall provide excess limits over and above the other insurance limits stated in this Article. The Contractor may purchase insurance for the full limits required or by a combination of primary policies for lesser limits and remaining limits provided by the umbrella policy.

6.15.6 All insurance shall remain in force during the period covering occurrences happening on or after the effective date and remain in effect during performance of the Work and at all times thereafter when the Contractor may be correcting, removing or replacing defective Work until notification of the date of final inspection.

6.15.7 Termination or refusal to renew shall not be made without 30 days' prior written notice to the Village by the insurer, and the policies shall be endorsed so as to remove any language restricting or limiting liability concerning this obligation.

6.15.8 All costs for insurance as specified herein will be considered as included in the cost of the Contract. The Contractor shall, at its expense and risk of delay, cease operations if the insurance required is terminated or reduced below the required amounts of coverage. Coverage in the minimum amounts set forth herein shall not be construed to relieve the Contractor from its obligation to indemnify in excess of the coverage according to the Contract.

6.16 **Minimum Scope of Insurance.** Coverage shall be at least as broad as:

6.16.1 Insurance Services Office Commercial General Liability occurrence form CG 0001 with the member named as additional insured, on a form at least as broad as the attached sample endorsement including ISO Additional Insured Endorsement CG 2010 (**Exhibit A**) Pre-2004 version, CG 2026 (Exhibit B) Pre-2004 version.

6.16.2 Insurance Service Office Business Auto Liability coverage form number CA 0001, Symbol 01 "Any Auto."

6.16.3 Workers' Compensation as required by the Workers' Compensation Act of the State of Illinois and Employers' Liability insurance.

6.16.4 Environmental Impairment/Pollution Liability Coverage for pollution incidents as a result of a claim for bodily injury, property damage or remediation costs from an incident at, on or migrating beyond the contracted work site. Coverage shall be extended to Non-Owned Disposal sites resulting from a pollution incident at, on or migrating beyond the site; and also provide coverage for incidents occurring during transportation of pollutants.

6.17 Deductibles and Self-Insured Retentions. Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either (1) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Village, its officials, agents, employees and volunteers; or (2) the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

6.18 Other Insurance Provisions. The policies are to contain, or be endorsed to contain, the following provisions:

6.18.1 General Liability and Automobile Liability Coverages.

6.18.1.1 The Village, its officials, agents, employees and volunteers are to be covered as additional insureds as respects liability arising out of the Contractor's Work, including activities performed by or on behalf of the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, agents, employees and volunteers.

6.18.1.2 The Contractor's insurance coverage shall be primary as respects the Village, its officials, agents, employees and volunteers. Any insurance or self-insurance maintained by the Village, its officials, agents, employees and volunteers shall be in excess of Contractor's insurance and shall not contribute with it.

6.18.1.3 Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees and volunteers.

6.18.1.4 The Contractor's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

6.18.1.5 If Any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Contractor shall be required to name the Village, its officials, agents, employees and volunteers as additional insureds.

6.18.1.6 All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.

6.18.2 Workers' Compensation and Employer's Liability Coverage. The insurer shall agree to waive all rights of subrogation against the Village, its officials, agents, employees and volunteers for losses arising from Work performed by Contractor.

6.19 Verification of Coverage. The Contractor shall, prior to the Village's executing the Contract, furnish the Village with certificates of insurance naming the Village, its officials, agents, employees and volunteers as additional insureds (Exhibit D), and with original endorsements affecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements may be on forms provided by the Village and are to be received and approved by the Village before any Work commences. The attached Additional Insured Endorsement (Exhibit E) shall be provided to the insurer for its use in providing coverage to the additional insured. Other additional insured endorsements may be utilized, if they provide a scope of coverage at least as broad as the coverage stated on the attached endorsement (Exhibit E), such as ISO Additional Insured Endorsements CG 2010 (Exhibit A) or CG 2026 (Exhibit B). The Village reserves the right to demand full, certified copies of the insurance policies and endorsements. If demanded, the Contractor shall promptly furnish the Village with certified copies of the insurance policies and endorsements demanded. In no event shall any failure of the Village to receive policies or certificates or to demand receipt be construed as a waiver of the Contractor's obligation to obtain and keep in force the required insurance.

6.20 Subcontractors. The Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

6.21 Assumption of Liability. The Contractor assumes liability for all injury to or death of any person or persons including employees of the Contractor, any subcontractor, any supplier or any other person and assumes

liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any Work performed pursuant to this Contract.

6.22 Contractor Safety Responsibility. Nothing in this Contract is intended or shall be construed, unless otherwise expressly stated, to reduce the responsibility of the Contractor, a subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, from full and complete supervision and achievement of workplace safety. Any inspection of the Work conducted by the Village, and the officers and employees of the Village, whether notice of the results thereof is provided to anyone or not provided to anyone, shall neither establish any duty on their parts nor create any expectation of a duty to anyone, including, but not limited to, third parties regarding workplace safety. In order to insure this and other duties of the Contractor certain indemnification and insurance is required by the Contract. Additionally, the Contractor guarantees to the Village a safe workplace shall be provided for all employees of the Contractor and each of its subcontractors. There shall be no violation by the Contractor, a subcontractor, anyone directly or indirectly employed by them, or anyone for whose acts they may be liable of the applicable standards of the Occupational Safety and Health Act, any other workplace safety act of Illinois, or other workplace safety requirement. The Contractor shall require this workplace safety guarantee of all subcontractors and shall expressly require the Village to be a third-party beneficiary of each guarantee.

6.23 Contractor's Responsibility for Work. All Work of the Contract, including Work added to the Contract, shall be under the charge and care of the Contractor.

6.24 Personal Liability of Public Officials. In carrying out any of the provisions of this Contract or in exercising any power or authority granted to the Village Manager thereby, there shall be no personal liability upon the Village Manager or authorized representative, it being understood in such matters that they act as agents and representatives of the Village. By entering into this Contract with the Village, the Contractor covenants that it shall neither commence nor prosecute any action or suit whatsoever against the officers or employees of the Village for any action or omission done or not done in the course of their administration of this Contract. The Contractor shall pay all attorneys' fees and all costs incurred by the Village, its officers, and employees on account of action or suit in violation of this Article.

6.25 No Waiver of Legal Rights. The Village shall not be precluded or stopped by final acceptance or final payment, or any payment made either before or after the completion and acceptance of the Work and payment therefor, from showing the true amount and character of the Work performed and materials furnished by the Contractor; or from showing any such payment is incorrectly made; or the Work or materials do not in fact conform to the Contract. The Village shall not be precluded or estopped, by final acceptance, final payment, or any payment in accordance therewith, from recovering from the Contractor such overpayment and damage as it may sustain by reason of the Contractor's failure to comply with the terms of the Contract. A waiver on the part of the Village of any right under the Contract or of a breach of any part of the Contract shall not be held to be a waiver of any other or subsequent breach or right to enforce any provision of the Contract.

ARTICLE 7. PROSECUTION AND PROGRESS

7.1 Subletting of Contract. The Contractor acknowledges that the Village is induced to enter into this Contract by, among other things, the qualifications of the Contractor. The Contract shall be deemed to be exclusive between Village and Contractor. The Contractor shall not sublet, sell, transfer, assign, or otherwise dispose of the Contract or any portion thereof, or of its right, title, or interest therein, without written consent of the Village Manager. The Village may refuse to accept any substitute Contractor for any reason.

7.2 Prosecution of the Work. Time is of the essence in this Contract and in the performance of the Contractor's work. The Contractor shall begin the Work to be performed under the Contract expeditiously when directed by the Director of Public Works and Services. The Work shall be prosecuted in such a manner and with such a supply of materials, equipment and labor as is considered necessary to ensure its completion according to the time specified in the Contract. The Contractor shall notify the Village Manager at least 24 hours in advance of either discontinuing or resuming operations.

7.3 Overtime Work. Except in connection with the safety or protection of persons or property, all Work shall be performed during regular working hours. The Contractor will not permit overtime work or the performance of work on Saturday, Sunday or any legal holiday without the Director of Public Works and Services' written consent given after prior written notice.

7.4 Labor, Methods, and Equipment. The Contractor shall at all times employ and provide sufficient labor, tools, equipment and other incidental items for prosecuting of the Work to full completion in the manner and time required by the Contract. All workers shall have sufficient skills and experience to properly perform the Work assigned to them. Workers engaged in special Work or skilled Work shall have sufficient experience in such Work and in the operation of the equipment required to perform all Work properly and satisfactorily. Any person employed by the Contractor or by any subcontractor who, in the opinion of the Village Manager, does not perform Work in a proper and skillful manner or is intemperate or disorderly shall, at the written request of the Village Manager, be removed at once by the Contractor or subcontractor employing such person, and shall not be employed again in any portion of the Work without the approval of the Village Manager. Should the Contractor fail to remove such person or persons as required above, or fail to furnish suitable and sufficient personnel for the proper prosecution of the Work, the Village Manager may suspend the Work by written notice until compliance with such orders.

All equipment which is proposed to be used on the Work shall be of sufficient size and in such mechanical condition as to meet requirements of the Work and to produce a satisfactory quality of Work. Equipment used shall be such that no injury to property will result from its use. When the methods and equipment to be used by the Contractor in performing the Work are not prescribed in the Contract, the Contractor is free to use any methods or equipment that can be demonstrated to the Village Manager as satisfactory to accomplish the Contract Work in conformity with the requirements of the Contract. When the Contract specifies that the Work be performed by the use of certain methods and equipment, such methods and equipment shall be used unless others are authorized by the Village Manager. If the Contractor desires to use a method or type of equipment other than specified in the Contract, it may request authority from the Village Manager to do so. The request shall be in writing and shall include a full description of the methods and equipment proposed to be used and an explanation of the reasons for desiring to make the change. If approval is given, it will be on the condition that the Contractor will be fully responsible for producing Work in conformity with the Contract requirements. If, after trial use of the substituted methods or equipment, the Village Manager determines that the Work produced does not meet Contract requirements, the Contractor shall discontinue the use of the substitute method or equipment and shall complete the remaining Work with the specified methods and equipment. The Contractor shall correct the deficient Work and replace it with Work of specified quality or take such other corrective action as the Village Manager may direct. No change will be made in basis of payment for the Work involved or in Contract time as a result of authorizing a change in methods or equipment under these provisions.

7.5 Suspension of Work. The Village Manager shall have authority to suspend the Work in whole or in part, when conditions at the site of the Work make for circumstances beyond the Contractor's control, which are unfavorable for the satisfactory performance of the Work and when the Contractor does not comply with the Contract or orders of the Village Manager. The Contractor shall comply immediately with orders to suspend or resume Work. The Contractor shall not suspend Work without written authority from the Village Manager. The Contractor recognizes it is imperative that the Work proceed uninterrupted and shall endeavor to prevent and shall promptly cure any Work stoppage caused by any labor or jurisdictional disputes arising out of the assignment of Work to be performed by the Contractor or its subcontractors or sub-subcontractors of any tier.

7.6 Default on Contract. If the Contractor fails to begin the Work under Contract within the time specified, or fails to perform the Work with sufficient workers and equipment or with sufficient materials to ensure the completion of said Work within the specified time, or shall perform the Work unsuitably, as determined by the Village Manager, or shall neglect or refuse to remove materials or perform anew such Work as shall be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work, or if the Contractor shall become insolvent or be declared bankrupt, or shall commit any act of bankruptcy, or insolvency, or shall make an assignment for the benefit of creditors, or from any other cause whatsoever shall not carry on the Work in a manner approved by the Village Manager or otherwise fails to conform to the terms of the Contract, the Village Manager shall give notice in writing to the Contractor of such delinquency, said notice to specify the corrective measures required. If the Contractor, within a period of ten (10) days after said notice, shall not proceed according to the corrective measures required, the Village shall, upon written certificate from the Village Manager of the fact of such delinquency and the Contractor's failure to comply with said notice, have full power and authority to forfeit the rights of the Contractor and at its option, it may take over the Work, and may complete the Work with its own forces, or use such other methods as, in its opinion, shall be required for the completion of said Contract in an acceptable manner. The Contractor shall bear any extra expenses incurred by the Village in completing the Work, including all increased cost for completing the Work, and all damages sustained, or which may be sustained, by the

Village by reason of such breach, refusal, neglect, failure or discontinuance of Work by the Contractor. After all the Work contemplated by the Contract has been completed, the Village Manager will calculate the total expenses and damages for the completed Work. If the total expenses and damages are less than any unpaid balance due the Contractor, the excess will be paid by the Village to the Contractor. If the total expenses and damages exceed the unpaid balance, the Contractor shall be liable to the Village and shall pay the difference to the Village on demand. If a notice of termination for default has been issued and it is later determined for any reason that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to Termination for Public Convenience in Section 7.8.

7.7 Termination of the Contractor's Responsibility. Whenever the Work called for by the Contract has been completely performed on the part of the Contractor and all of the Work has been approved by the Village Manager and accepted by the Village according to the Contract, and the final payment paid, the Contractor's obligations shall then be considered fulfilled, except those obligations which by their nature extend beyond the completion of Work including, but not limited to, Sections 6.14, 6.15, 6.24 and 6.25.

7.8 Termination for Public Convenience. The Village may, by written order, terminate the Contract or any portion thereof after determining that proceeding with or completing the Work as originally contracted for would not be in the public interest and that termination would, therefore, be in the public interest. Such reasons for termination may include, but need not be necessarily limited to, insufficient funding, determination that termination is in the best interest of the Village, Executive Orders of the President relating to prosecution of war or national defense, national emergency which creates a serious shortage of materials, orders from duly constituted authorities relating to energy conservation, and restraining orders or injunctions obtained by third-party citizen action resulting from national or local environmental protection laws or where the issuance of such order or injunction is primarily caused by acts or omissions of persons or agencies other than the Contractor. When the Contract, or any portion thereof, is definitely terminated or canceled, and the Contractor released before all items of Work included in its Contract have been completed, payment will be made for the actual amount of Work completed. Termination of a Contract will not relieve the Contractor of the responsibility of correcting defective Work as required by the Contract.

ARTICLE 8. PAYMENT

8.1 Taxes. The Village is a unit of local government and is exempt from the payment of Retailers' Occupation Tax, the Service Occupation Tax (both state and local), the Use Tax and the Service Use Tax in Illinois. No amount will be paid to the Contractor for the payment of these taxes.

8.2 Scope of Payment. Payment to the Contractor will be made for the actual Work performed and accepted or material furnished and accepted according to the Contract. The Contractor shall receive and accept the compensation as herein provided, in full payment for furnishing all materials, labor, tools and equipment; for performing all Work contemplated and embraced under the Contract; for all loss or damage arising out of the nature of the Work and from the action of the elements; for any unforeseen difficulties or obstructions which may arise or be encountered during the prosecution of the Work until its final acceptance by the Village; for all risks of every description connected with the prosecution of the Work; for all expenses incurred by or in consequence of suspension or discontinuance of such prosecution of the Work as herein specified; for any infringement of patents, trademarks or copyrights; and for completing the Work in an acceptable manner according to the Contract. Any payment made prior to final acceptance of the Work by the Village shall in no way constitute an acknowledgment of the acceptance of the Work, nor in any way prejudice or affect the obligation of the Contractor, at its own expense, to repair, correct, renew or replace any defects or imperfections in the Work or the quality of the materials used in or about the Work under the Contract, nor any damage due or attributable to such defective Work, which defective Work, imperfections or damage shall have been discovered on or before the final inspection and acceptance of the Work. The Village Manager shall be the sole judge of such defective Work, imperfections or damage, and the Contractor shall be liable to the Village for failure to correct the same as provided herein.

8.3 Payments to the Contractor.

8.3.1 The Contractor shall submit to the Village Manager monthly an invoice, in writing, itemizing the work performed, the location and date the work was completed, sufficiently in advance of the due date to allow approval and payment in accordance with the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*) of the amount of Work performed and the value thereof based upon the Contract prices.

8.3.2. The Village shall pay the Contractor for the performance of the work on a unit cost basis for the trees trimmed, the diameter and number of trees removed or the manpower time or equipment utilized, according to the unit prices listed in the Proposal:

8.4 Payment approval. Payments shall be made in accordance with the Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*).

8.5 Contract Claims. If the Contractor claims that additional payment is due under the terms of the Contract or for any other reason arising out of the performance of the Contract and the Village has not agreed during the ordinary course of Contract administration that payment is due, the Contractor desiring to pursue additional compensation shall file a claim according to the requirements and procedures specified herein. If written notifications are not given, or if the Village is not afforded reasonable access by the Contractor to complete records of actual costs or additional time, or if a claim is not filed according to the procedures and within the time specified herein, then the claim is waived and the Village is released from any and all demands and claims. The fact that the Contractor has provided a proper notification, provided a properly filed claim, or provided the Village access to records of actual cost, shall not in any way be construed as proving or substantiating the validity of the claim. If the claim, after consideration by the Village, is found to have merit, the Village will make an equitable adjustment either in the amount of costs to be paid according to the Basis of Payment specified herein or in the time required for the work or both. If the Village finds the claim to be without merit, no adjustment will be made. The Contractor may present a claim made by a subcontractor founded upon the terms of the contract or the actions and orders of the Village Manager without being first required to make payment to the subcontractor provided as follows: the Contractor makes written certification that the subcontractor is entitled to additional compensation; that the subcontractor will be paid in the event of a favorable resolution of the claim; and that the subcontract, releases and waivers executed by the subcontractor do not bar payment to the subcontractor. The written certification may authorize the subcontractor to present the subcontractor's claim directly to the Village. If such authorization is given, the Contractor need not participate in the verbal presentation of the claim. In any event, the submission shall include a copy of the subcontract, and any releases or waivers signed by the subcontractor in favor of the Contractor. The Contractor's interest in the subcontractor's claim shall not be assigned or otherwise disposed of except as specified in Article 7.1.

8.5.1 Submission of Claim. All claims filed by the Contractor shall be in writing and in sufficient detail to enable the Village to ascertain the basis and amount of the claim. All claims shall be submitted to the Village Manager. As a minimum, the following information must accompany each claim submitted:

8.5.1.1 A detailed factual statement of the claim for additional compensation and time, if any, providing all necessary dates, locations and items of work affected by the claim.

8.5.1.2 The name of any Village official or employee involved in or knowledgeable about the claim.

8.5.1.3 The specific provisions of the Contract that support the claim and a statement of the reasons why such provisions support the claim.

8.5.1.4 If the claim relates to a decision of the Village Manager that the Contract leaves to the Village Manager's discretion or as to which the Contract provides that the Village Manager's decision is final, the Contractor shall set out in detail all facts supporting its position relating to the decision of the Village Manager.

8.5.1.5 The identification of any documents and the substance of any oral communications that support the claim.

8.5.1.6 Copies of any identified documents, other than state documents and documents previously furnished to the Village by the Contractor, that support the claim (manuals which are standard to the industry, used by the Contractor, may be included by reference).

8.5.1.7 If an extension of time is sought, the specific days and dates for which it is sought, the specific reasons the Contractor believes a time extension should be granted, and the specific provisions of the Contract under which it is sought.

8.5.1.8 If additional compensation is sought, the exact amount sought and a breakdown of that amount into direct labor, direct materials, direct equipment, direct jobsite overhead, and direct offsite overhead.

8.5.1.9 Under penalty of law for perjury or falsification, the undersigned,

_____, of _____,
(Name) (Title) (Company)

hereby certifies that the claim for compensation and time, if any, made herein for work on this Contract is a true statement, fully documented and supported under the Contract between the parties.

Dated _____

/S/ _____

Subscribed and sworn before me this ____ day of _____ 20__

Notary Public
My Commission Expires _____

8.5.2 Record Retention. It is the responsibility of the Contractor to keep full and complete records of the costs and additional time incurred for any claim. The Contractor shall permit the Village to have access to those records and any other records as may be required by the Village to determine the facts or contentions involved in the claim. The Contractor shall retain those records according to Article 9.14.

8.5.3 Audit. All claims filed against the Village shall be subject to audit at any time following the filing of the claim. The audit may be performed by employees of the Village or by an auditor under contract with the Village. The audit may begin at any time during the life of the Contract, or on twenty (20) calendar days' notice to the Contractor or its agents if an audit is to be commenced more than sixty (60) calendar days after the final payment date of the Contract. The Contractor, subcontractors or agents shall provide adequate facilities acceptable to the Village, for the audit during normal business hours. Failure of the Contractor or its agents to maintain and retain sufficient records to allow the auditors to verify all or any portion of the claim or to permit the auditor access to the books and records of the Contractor, subcontractors or agents shall constitute a waiver of the claim and may bar any recovery of all or any portion thereunder. The records subject to retention and audit are all books and records including, but not limited to, the following documents:

- (1) Daily time sheets and supervisor's daily reports.
- (2) Union agreements.
- (3) Payroll records including tax, insurance, welfare, and benefits records.
- (4) Material invoices and requisitions.
- (5) Material cost distribution worksheet.
- (6) Equipment records (list of company equipment, rates, etc.).
- (7) Vendors', rental agencies', subcontractors', and agents' invoices.
- (8) Subcontractors' and agents' payment certificates.
- (9) Canceled checks (payroll and vendors).
- (10) Job cost report.
- (11) Job payroll ledger.
- (12) General ledger.
- (13) Cash disbursements journal.
- (14) Financial statements for all years reflecting the operations on the Contract involved.
- (15) Depreciation records on all company equipment.
- (16) If a source other than depreciation records is used to develop costs for the Contractor's internal purposes in establishing the actual costs of owning and operating equipment, all such other source documents.

(17) All documents including pricing books and bid documents that relate to each and every claim, together with all documents that support the amount of damages as to each claim.

(18) Worksheets used to prepare the claim establishing the cost components for items of the claim including, but not limited to, labor, benefits and insurance, materials equipment, subcontractors all documents which establish the time periods individuals involved, the hours for the individuals and the rates of the individuals.

8.5.4 Time of Submission. All claims submitted according to this article shall be filed not later than the time when the Contractor's invoice for final payment is transmitted to the Village. The requirement of a general administrative claims cutoff time provided herein shall not constitute waiver of any notification time requirements stated elsewhere in these specifications or the special provisions.

8.5.5 Procedure. The Village provides two administrative levels for claims review.

Level I Village Manager
Level II Village Board of Trustees

All claims shall first be submitted at Level I. The Village Manager shall consider all information submitted with the claim and shall render a decision on the claim within ninety (90) days after receipt. Claims not conforming to this Article will be returned without consideration. The Village Manager may schedule a claim presentation meeting if, in the Village Manager's judgment, such a meeting would aid in resolution of the claim; otherwise, a decision will be made based on the claim documentation submitted. If a decision is not rendered within ninety (90) days, or if the Contractor disputes the decision, an appeal to Level II shall be made by the Contractor. An appeal to Level II shall be made in writing to the Village Board of Trustees within forty-five (45) days after the date of the Level I decision, and shall include twenty (20) additional copies of the claim and supporting documentation. Review of the claim at Level II shall be conducted as a full evaluation of the claim. A claim presentation meeting may be scheduled if the Village Board of Trustees determines that such a meeting would aid in resolution of the claim; otherwise, a decision will be made based on the claim documentation submitted. A Level II final decision will be rendered within ninety (90) days of the receipt of the written request for appeal.

Full compliance by the Contractor with the provisions specified in this article is a contractual condition precedent to the Contractor's right to seek judicial relief. Any claim by the Contractor shall be submitted to the exclusive jurisdiction and venue of the Circuit Court of Cook County, Illinois. The Village Board of Trustees' written decision shall be the final administrative action of the Village. Unless the Contractor files a claim for adjudication by the Circuit Court of Cook County, Illinois, within sixty (60) days after the date of the Village Board of Trustees' written decision, the failure to file shall constitute a release and waiver of the claim.

8.5.6 Basis of Payment. After resolution of a claim in favor of the Contractor, any adjustment in time required for the work will be made according to the provisions of the Contract. Any adjustment in the costs to be paid will be made for direct labor, direct materials direct equipment, direct jobsite overhead, direct offsite overhead, and other direct costs allowed by the resolution. Adjustments in costs will not be made for interest charges, loss of anticipated profit, undocumented loss of efficiency, pro rata home office overhead, unabsorbed overhead and lost opportunity, preparation of claim expenses and other consequential indirect costs regardless of method of calculation. The above basis of payment is an essential element of the Contract, and the claim cost recovery of the Contractor shall be so limited.

ARTICLE 9. GENERAL PROVISIONS

9.1 Governing Law. All applicable federal and state laws and the rules and regulations of all authorities having jurisdiction over the Work shall apply to the Contract throughout, and they will be deemed to be included in the Contract the same as though written therein in full. This Contract shall be governed by the laws of the State of Illinois.

9.2 Severability of Clauses. The illegality or invalidity of any term or clause of this Contract shall not affect the validity of the remainder of this Contract, and the Contract shall remain in full force and effect as if such illegal or invalid term or clause were not contained herein.

9.3 Waiver of Breach. The waiver by either party of any breach of this Contract shall not constitute a waiver as to any other breach.

9.4 Written Notice. Written notices between Village and Contractor shall be deemed sufficiently given after being placed in the United States mail, registered or certified, postage pre-paid, delivered via overnight delivery (UPS or FedEx), or transmitted fax with confirmed receipt, or via electronic-mail with confirmed receipt, addressed to the recipient party as follows:

A. If to Village:

Village of Brookfield
8820 Brookfield Avenue
Brookfield, Illinois 60153-1688
Attn: Mr. Timothy C. Wiberg, Village Manager

B. If to Contractor:

Winkler's Tree and Landscaping, Inc.
P.O. Box 1154
LaGrange Park, Illinois 60526
Attn: Vincent W. Winkler, President

Either party may change its mailing address or other contact information by giving written notice to the other party as provided above. Whenever this Contract requires one party to give the other notice, such notice shall be given only in the form and to the addresses described in this paragraph.

9.5 Obligations Survive. The obligations or duties imposed upon the Contractor under the Contract shall survive any closeout of the Work or termination of the Contract.

9.6 Successors and Assigns. The Village and the Contractor each binds itself, its successors and assigns and legal representative to other party hereto and the successors, assigns and legal representative of such other party in respect to all covenants, agreements and obligations contained herein.

9.7 Independent Contractor. The Contractor is an independent contractor and in providing its services under this Contract shall not represent to any third party that its authority is greater than that granted to it under the terms of the Contract.

9.8 Permits and Fees. The Contractor is not responsible for any permits or fees which might be assessed upon the Village by federal, state or local government. When the Village authorizes or directs in writing the acquisition of such permits or payment of such fees, the Village will reimburse the Contractor the amount paid for all such permits and fees.

9.9 Right to Audit. The Village shall have the right to have access to and audit all of the Contractor's records, books, correspondence, instructions, drawings, receipts, vouchers, memoranda and similar data relating to this Contract throughout the term and for a period of three (3) years after payment. In addition, the Village or its authorized representative shall have access to the Contractor's facilities and shall be provided adequate and appropriate work space, in order to conduct audits in compliance with this article.

9.10 Confidentiality. The Contractor shall keep all information concerning the Work confidential, except for communications incident to completion of the Work between the Village, the Contractor and the public, and their independent subcontractors, suppliers, and sub-consultants, and except for publicity approved by the Village and communications in connection with filings with governmental bodies having jurisdiction over the Work.

9.11 Cooperation with Village's Consultants. The Contractor shall cooperate with any consultant retained by the Village, but the Contractor shall not be contractually responsible for such consultants.

9.12 Entire Contract. This Contract represents the entire and integrated Contract between the parties and supersedes all prior negotiations, representations or understandings, whether written or oral. This Contract may only be amended or a provision hereof waived by the parties by written instrument executed by authorized signatories of the Village and Contractor.

9.13 Contractor Record Retention. The Contractor and all subcontractors shall maintain books and records relating to the performance of the Contract or subcontract and necessary to support amounts charged to the Village under the Contract and subcontract. The books and records shall be maintained by the Contractor and all subcontractors in compliance with the requirements of the Local Records Act (50 ILCS 205/1 *et seq.*) and the Freedom of Information Act (5 ILCS 140/1 *et seq.*) until written approval for the disposal of such records is obtained from the Local Records Commission. All books and records required to be maintained by the Contractor and subcontractors shall be available for review and audit by the Village. The Contractor and all subcontractors shall comply (a) with any request for public records made pursuant to the Freedom of Information Act (5 ILCS 140/1 *et seq.*); (b) with any request for public records made pursuant to any audit; and (c) by providing full access to and copying of all relevant books and records within a time period which allows the Village to timely comply with the time limits imposed by the Freedom of Information Act (5 ILCS 140/1 *et seq.*). Failure by the Contractor to maintain the books, records and supporting documents required by this section or the failure by the Contractor to provide full access to and copying of all relevant books and records within a time period which allows the Village to timely comply with the time limits imposed by the Freedom of Information Act (5 ILCS 140/1 *et seq.*) shall establish a presumption in favor of the Village for the recovery of any funds paid by the Village under this Contract or for the recovery for any penalties or attorneys' fees imposed by the Freedom of Information Act (5 ILCS 140/1 *et seq.*). The obligations imposed by this section shall survive final payment and the termination of the other obligations imposed by this Contract. The Contractor and subcontractor shall include the requirements of this Article in all subcontracts.

This Contract is executed that day and year first written above.

VILLAGE:
Village of Brookfield, Illinois

CONTRACTOR: Winkler's Tree and Landscaping, Inc.

By: _____
Kit P. Ketchmark, Village President

By: _____
Vincent W. Winkler, President

Attest:

Attest:

By: _____
Brigid Weber, Village Clerk

By: _____
Vincent W. Winkler, Secretary

EXHIBIT A

CG 20 10 03 97

**ADDITIONAL INSURED B OWNERS, LESSEES OR
CONTRACTORS B SCHEDULE PERSON OR ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Who Is An Insured (Section II) is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.

Copyright, Insurance Services Office, Ins. 1996

EXHIBIT B

CG 20 26 11 85

ADDITIONAL INSURED B DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Who Is An Insured (Section II) is amended to include as an insured the person or organization shown in the Schedule as an insured but only with respect to liability arising out of your operations or premises owned by or rented to you.

Copyright, Insurance Services Office, Ins. 1984

EXHIBIT C

POLICY NUMBER:

**COMMERCIAL GENERAL LIABILITY
CG 20 37 07 04**

THIS ENDORSEMENT CHANGES THE POLICY, PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED B OWNERS, LESSEES OR
CONTRACTORS B COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

| Name of Additional Insured Person(s) or Organization(s): | Location and Description of Completed Operations |
|---|---|
| | |

Information required to complete this Section, if not shown above, will be shown in the Declarations.

Section II B Who is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products/completed operations hazard."

CG 20 37 07 04

8 ISO Properties, Inc., 2004

EXHIBIT D (EXAMPLE)

| ACORD™ CERTIFICATE OF LIABILITY INSURANCE | | | | DATE (MM/DD/YYYY) Completed | | | |
|---|-------------------|--|---|--|-----------------------------|--|--------------|
| PRODUCER Fully Completed | | | THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. | | | | |
| INSURED COVERAGES Fully Completed | | | INSURERS AFFORDING COVERAGE | | NAIC # | | |
| | | | INSURER A: Name of Insurance Company | | Completed | | |
| | | | INSURER B: Name of Insurance Company | | Completed | | |
| | | | INSURER C: Name of Insurance Company | | Completed | | |
| | | | INSURER D: Name of Insurance Company | | Completed | | |
| THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. | | | | | | | |
| INSR LTR | ADD-L INSRD | TYPE OF INSURANCE | POLICY NUMBER | POLICY EFFECTIVE DATE (MM/DD/YY) | POLICY EXP. DATE (MM/DD/YY) | LIMITS | |
| A | X | GENERAL LIABILITY CG001 | | | | EACH OCCURRENCE | \$ 1,000,000 |
| | | G COMMERCIAL GENERAL LIABILITY | | | | DAMAGE TO RENTED PREMISES (Ea. Occur.) | \$ 50,000 |
| | | G CLAIMS MADE | | | | MED EXP (Any one person) | \$ 5,000 |
| | | G OWNERS & CONT PROT ((If REQUIRED)) | | | | PERSONAL & ADV INJURY | \$ 1,000,000 |
| | | G _____ | | | | GENERAL AGGREGATE | \$ 2,000,000 |
| | | GEN=L AGGREGATE LIMIT APPLIER PER: | | | | PRODUCTS-COMP/OP AGG | \$ 1,000,000 |
| | | G POLICY GPROJECT G LOC | Policy Number | Policy Start Date | Policy End Date | | |
| A | | AUTOMOBILE LIABILITY CA001 | | | | COMBINED SINGLE LIMIT (Ea. Accident) | \$ 1,000,000 |
| | | G ANY AUTO CA001 | | | | BODILY INJURY (PER PERSON) | \$ |
| | | G ALL OWNED AUTOS | | | | BODILY INJURY (PER ACCIDENT) | \$ |
| | | G SCHEDULED AUTOS | | | | PROPERTY DAMAGE (PER ACCIDENT) | \$ |
| | | G HIRED AUTOS | | | | AUTO ONLY-EA ACCIDENT | \$ |
| G NON-OWNED AUTOS | OTHER THAN EA ACC | \$ | | | | | |
| | | GARAGE LIABILITY | | | | AUTO ONLY: AGG | \$ |
| | | G ANY AUTO | | | | | |
| B | | EXCESS UMBRELLA LIABILITY | Policy Number | Policy Start Date | | EACH OCCURRENCE | \$ |
| | | G OCCUR | | | | AGGREGATE | \$ |
| | | G DEDUCTIBLE | | | | | |
| | | G RETENTION \$ | | | | | |
| C | | WORKERS COMPENSATION AND EMPLOYERS= LIABILITY | Policy Number | Policy Start Date | Policy End Date | WC STATUTORY LIMITS | |
| | | ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? NO | | | | OTHER | |
| | | If yes, describe under SPECIAL PROVISIONS below | | | | E.L. EACH ACCIDENT | \$1,000,000 |
| | | | | | | E.L. DISEASE-EA EMPLOYEE | \$1,000,000 |
| | | | | | | E.L. DIESEASE-POLICY LIMIT | \$1,000,000 |
| | OTHER | Policy Number | Policy Start Date | Policy End Date | | | |
| | Professio | | | | | | |
| DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS | | | | | | | |
| List project number, location and description. No endorsements or additional forms modify or limit coverage provided to additional insured. Coverage provided to the additional insured is primary. | | | | | | | |
| CERTIFICATE HOLDER | | | | CANCELLATION | | | |
| Additional Insured: Village of Brookfield, its officials, employees, agents and volunteers. | | | | SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, | | | |
| | | | | SIGNATURE OF AUTHORIZED AGENT | | | |

EXHIBIT E

ADDITIONAL INSURED ENDORSEMENT

Name of Insurer:

Name of Insured:

Policy Number:

Policy Period:

Endorsement Effective Date:

This endorsement modifies coverage provided under the following:

Commercial General Liability
Coverage Part

Name of Individuals or Organization:

WHO IS AN INSURED section of the policy / coverage document is amended to include as an insured, the individuals or organization shown above, but only with respect to liability "arising out of your work."

For purposes of this endorsement, "arising out of your work" shall mean:

- A. Liability the Additional Insured may incur resulting from the actions of a contractor it hires.
- B. Liability the Additional Insured may incur for negligence in the supervision of the Named Insured Contractors work.
- C. Liability the Additional Insured may incur for failure to maintain safe worksite conditions.
- D. Liability the Additional Insured may incur due to joint negligence of the Named Insured Contractor and the Additional Insured.

SPECIAL PROVISIONS

SECTION 1.01 GENERAL

The following Special Provisions supplement the terms of the Contract. The intent of the Contract is that the Special Provisions are complementary to the Contract, and what is required by either document shall be as binding as if required by all of the documents. Performance by the Contractor shall be required to the extent consistent with the Contract documents and reasonable inferable therefrom as being necessary to product the intended results. In the case of conflict with any part or parts of said Contract, these Special Provisions shall take precedence and shall govern.

SECTION 1.02 DESCRIPTION OF WORK

The Contractor shall furnish all labor, tools, materials equipment and supervision necessary for the performance of all operations incidental to the safe trimming of trees designated by the Village Department of Public Works and Services (Village Forester, Village of Brookfield, Department of Public Works and Services, (708) 485-2540) and restoration of the areas of the Village disturbed to a neat and orderly appearance. The locations (generally within the public right-of-way of the Village or of a municipality bordering the Village), frequency and performance of the work will be in accordance with the detailed specifications as set forth in the Contract.

The term of the Contract shall be for one (1) year from its effective date. The term of the Contract may, at the option of the Village, be renewed for two (2) additional one- (1-) year periods, provided that the Village appropriates an amount in subsequent years sufficient to pay the amounts due under this Contract.

The Contractor shall furnish all labor, tools, materials equipment and supervision necessary for the performance of additional services including, but not limited to, all operations incidental to the safe removal of trees, grinding of stumps, emergency tree services and the supply of equipment as designated by the Village Department of Public Works and Services (Village Forester, Village of Brookfield, Department of Public Works and Services, (708) 485-2540) and restoration of the areas of the Village disturbed to a neat and orderly appearance. The locations (generally within the public right-of-way of the Village or of a municipality bordering the Village), frequency and performance of the work will be in accordance with the detailed specifications as set forth in the Contract.

SECTION 1.03 GENERAL INSTRUCTIONS

1.03.01 All debris which will interfere with cutting operations shall be cleared from the area prior to beginning operations for the tree removal. Accumulated cuttings, wood, leaves, trash and debris will be removed, hauled away from the property and properly disposed.

1.03.02 The cutting edges of all sawing equipment used in performance of work shall be kept in sharp condition.

1.03.03 Clean Up: After tree removal, cuttings, wood, leaves and other litter or debris shall be swept of sidewalks and other paved areas.

1.03.04 The Contractor shall notify the Department of Public Works and Services upon the start of each location of tree removal and will also notify the Department of Public Works and Services after completion of tree removal at the particular location. The Contractor must remain on the job until completion of the tree removal or until the end of the day's working hours.

1.03.05 All trees on or overhanging Village property, regardless of their proximity to a sidewalk, curb, street, etc., are considered Village trees and are the responsibility of the Contractor to remove as directed.

SECTION 1.04 STANDARD SPECIFICATIONS

1.04.01. All material and workmanship shall be in accordance with current professional practices and standards. Removals shall be done in a safe and efficient manner. Removals performed with the aid of tree crane is preferred. The Contractor shall own or shall be able to lease or rent a tree crane. The tree crane must be available for removals upon the Village Forester's request and must be listed on the certified equipment list.

1.04.02. The following specifications are incorporated by reference, except those items which by their subject matter have no application:

1.04.02.01. The *Standard Specifications for Road and Bridge Construction* adopted January 1, 2016, as amended by the ERRATA to the *Standard Specifications for Road and Bridge Construction*, adopted January 1,

2016, and revised January 1, 2019, (hereinafter referred to as the “Standard Specifications for Road and Bridge Construction”) and the *National Manual on Uniform Traffic Control Devices for Streets and Highways* (2009 Edition) supplemented by the *Illinois Supplement to the National Manual on Uniform Traffic Control Devices for Streets and Highways* (2009 Edition) issued by the Illinois Department of Transportation are hereby incorporated by reference and shall apply to and govern the Village of Brookfield Tree Trimming Services Contract in Cook County, Illinois.

1.04.02.02. All of the *Supplemental Specifications* and all of the *Recurring Special Provisions and Recurring Local Roads and Streets Special Provisions*, adopted January 1, 2019, indicated on the Check Sheet included herein supplement the *Standard Specifications for Road and Bridge Construction*, the *Bureau of Design and Environment (BDE) Special Provisions*, indicated on the Check Sheet included herein, all issued by the State of Illinois, Department of Transportation are hereby incorporated by reference and shall apply to and govern the Village of Brookfield Tree Trimming Services Contract in Cook County, Illinois.

1.04.03. Copies of the above documents are on file with the Village and may be obtained from the following agency:

Illinois Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

See:

<http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Construction/Standard-Specifications/Standard%20Specifications%20for%20Road%20and%20Bridge%20Construction%202016.pdf>

1.04.04. The following special provisions supplement the Standard Specifications for Road and Bridge Construction. In case of conflict with any part, or parts, of the Standard Specifications for Road and Bridge Construction, the following special provisions shall take precedence and shall govern.

SECTION 101. DEFINITION OF TERMS

101.14 Department. Delete Article 101.14 of the *Standard Specifications for Road and Bridge Construction* and substitute the following:

101.14 Department. The Village of Brookfield, by and through its President and Board of Trustees.

101.16 Engineer. Delete Article 101.16 of the *Standard Specifications for Road and Bridge Construction* and substitute the following:

101.16 Engineer. Director of Public Works and Services of the Village of Brookfield.

101.44 State. Delete Article 101.44 of the *Standard Specifications for Road and Bridge Construction* and substitute the following:

101.44 State. The Village of Brookfield, by and through its President and Board of Trustees.

SECTION 102. ADVERTISEMENT, BIDDING, AWARD AND CONTRACT EXECUTION

102.01 Procedures to be in Accordance with Rules. Delete Article 102.01 of the Standard Specifications for Road and Bridge Construction and substitute the following:

102.01 Procedures to be in Accordance with the Instructions for Bidders. The procedures for the advertisement, bidding, award, and contract execution shall be in accordance with the Instructions for Bidders contained in this booklet. The Invitation for Bids contains additional requirements. Bidders and the Contractor shall comply with the all procedures published in the Instructions for Bidders and the Invitation for Bids.

SECTION 104. SCOPE OF WORK

Delete Section 104 of the *Standard Specifications for Road and Bridge Construction* without substitution.

SECTION 105. CONTROL OF WORK

Delete Section 105 of the *Standard Specifications for Road and Bridge Construction* without substitution.

SECTION 106. CONTROL OF MATERIALS

Delete Section 106 of the *Standard Specifications for Road and Bridge Construction* without substitution.

SECTION 107. LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC

Delete Articles 107.01, 107.05, 107.09, 107.20, 107.26, 107.27, 107.28, 107.30, 107.33 and 107.34 of the *Standard Specifications for Road and Bridge Construction* without substitution.

SECTION 108. PROSECUTION AND PROGRESS

Delete Section 108 of the *Standard Specifications for Road and Bridge Construction* without substitution.

SECTION 109. MEASUREMENT AND PAYMENT

Delete Section 109 of the *Standard Specifications for Road and Bridge Construction* without substitution.

1.04.05. ANSI- A300 (part 1)- 2001 Pruning For Tree Care Operations- Tree, Shrub, and Other Woody Plants - Maintenance Standard Practices

SECTION 1.05: PERIODIC INSPECTION

The Contractor shall provide the Village Forester of the Department of Public Works and Services with a schedule listing the weekday the Work at each site will be completed. If the Work cannot be completed on the scheduled day due to inclement weather, the Director of Public Works and Services will be notified; and the Work will be completed within the next 24 hours. The Village Forester of the Department of Public Works and Services or his representative will periodically inspect the Work.

SECTION 1.06 TIME OF COMPLETION

All tree removal activities or operations within the Village shall be performed only between the hours of 7:00 AM and 3:30 PM. Variations from these limitations shall be allowed in the case of maintenance or operations of safety and traffic control devices such as barricade, signs and lighting or the construction of an emergency nature. The Contractor shall commence work not earlier than the third Monday of April nor later than the third Friday of November unless otherwise directed by the Director of Public Works and Services.

SECTION 1.07 HOURLY LABOR

During the contract period, the Contractor may be required to provide manual labor to clean sidewalks, move material or to provide assistance as needed for special occasions. The rate provided by the Contractor for hourly work shall remain as bid regardless of when the work is performed. No additional consideration other than the bid rate will be provided for hourly work performed before or after normal hours, on Saturday, Sunday or during any holiday.

The Contractor will be provided with service requests forms for all hourly work. The service request forms must be completed and submitted for payment of the services rendered.

SECTION 1.08 SAFETY

The Contractor shall have a safety/loss prevention program in existence and enforced for at least 90 days prior to the submission of the Contractor's Proposal. The Contractor can provide evidence of completed employee safety training if requested. The Contractor shall be responsible for maintaining traffic control as needed. Public safety is of prime importance. Guards shall be in use and present on all sawing equipment to prevent debris from being projected from blades. Sawing equipment shall never be left unattended.

The Contractor shall provide adequate barricades, flagmen, signs and/or warning devices during the performance of the contract and when working on arterial streets to protect motorists and pedestrians all in conformance with Village standards and consistent with Part VI, *Traffic Controls for Street and Highway Construction and Maintenance Operations of the State Illinois Department of Transportation Manual on Uniform Traffic Control Devices*, adopted 1994. The Village Department of Public Works and Services shall be notified prior to the closing of streets when street closure is required. All equipment to be used and all work to be performed must be in full compliance with ANSI Z-133.1 (1994) American National Standard for Tree Care Operations.

The Contractor shall keep a daily record with respect to all injuries or incidents of damage occurring in, or near to the site of the work or as a result of the Contractor's activities. Such information shall be supplied to the Village within twenty-four (24) hours after the day of occurrence.

The Contractor shall provide on the premises articles, materials and equipment necessary for giving first aid. It shall also provide standing arrangements for the immediate removal and hospital treatment of any employee who may be injured or who may become ill on the job.

SECTION 1.09 CREW SIZE, SUPERVISION AND EQUIPMENT

The Contractor must have available sufficient manpower to complete the contract within the time specifications set forth above. All trucks used by the Contractor must be plainly marked with the Contractor's name. To aid in the removal of parkway trees, the Contractor shall utilize a tree crane at the direction of the Village Forester. A certified statement listing the equipment (i.e. year, make, model, type) and source of the equipment (i.e. owned, rented, leased) and personnel available to the Village must be provided to the Village upon request. The Contractor shall rent equipment as needed to cover any equipment breakdowns which would cause a tree not to be removed by the final contract date as stated, or to allow the Contractor access to safely remove any tree on Village property. Each crew must be directly supervised by a competent Contractor's representative fluent in English and authorized by the Contractor to act on all directives issued by the Village Forester or his representatives.

SECTION 1.10 TREE TRIMMING

1.10.01 Tree trimming shall include the following:

1.10.01.01. Removal of all dead, dying, diseased, interfering, objectionable and weak branches;

1.10.01.02. Removal of under-branches to permit clearance of approximately fourteen (14) feet, where practical, to allow passage of second class motor vehicles on the street side of the tree, and approximately ten (10) feet on the sidewalk or pedestrian side of the tree;

1.10.01.03. Removal of all interior interfering branches, and one or all crossed or rubbing branches where practicable so the removal thereof will not leave large holes in the general form of the tree;

1.10.01.04. Removal of one branch of all structurally weak "V" crotches occurring along the main trunk, or developing within the tree crown, particularly in smaller trees (special attention shall be given to the effect removal of such branches will have on the ultimate form of the tree);

1.10.01.05. Removal of trunk suckers and water sprouts especially where they are present below the bottom one half (1/2) of the tree; and

1.10.01.06. Improvement of the appearance of the tree.

1.10.02 Attention shall be given to the eventual symmetrical appearance of the tree. Appropriate pruning shall be done in order to maintain a tree-like form typical of the species of tree being trimmed. In lifting the bottom branches clearance, care shall be given to achieve a symmetrical appearance of the entire crown of the tree. All trees to be trimmed will be topped unless otherwise authorized.

1.10.03 All final cuts shall be made sufficiently close to the trunk or parent limb, without cutting into the branch collar or leaving a protruding stub so that closure can begin under normal conditions. Clean cuts shall be made at all times.

1.10.04 All limbs to be removed must be cut in such a manner so as to prevent any ripping or tearing of the wood or bark on the parent or remaining stem. All limbs must be brought to the ground in such a manner as to prevent any damage to real or personal property, publicly or privately owned.

1.10.05 Any visible girdling roots, structural weakness, decayed trunk or branches, or split crotches or branches in the tree shall be reported to the Director of Public Works and Services in writing.

1.10.06 No person working in trees shall use shoes with spikes, or any other footwear which will, in the opinion of the Director of Public Works and Services, injure the tree being trimmed. At no time shall any person working in trees, for pruning purposes, wear spurs or climbing irons.

1.10.07 The Contractor shall clean up and dispose of all debris resulting from the trimming operation, including raking all lawn areas and sweeping paved areas. All work areas shall be cleaned by the end of each work day. In addition, no logs may be left or given to any resident. All such logs must be disposed of outside the Village limits.

1.10.08 All debris from trees which may not have been acceptably or sufficiently trimmed initially, and which require additional trimming or other work prior to payment, will be cleaned and disposed of by the Contractor.

1.10.09 All work performed under this Contract must be performed in accordance with ANSI 300 Specifications.

The terms in this Section shall be as defined as follows:

1.10.09.01 Interfering Branches – Branches which are growing in such a manner that they cause unnecessary crowding or are undesirable if the natural form and shape of the tree is to be achieved or are growing in a direction heading into the crown of the tree.

1.10.09.02 Trunk Suckers - The bushy and undesirable growth of small shoots on the trunk of a tree or on major limbs in close proximity to the trunk, usually not following the general pattern of the tree.

SECTION 1.11 TREE REMOVAL

The Contractor shall remove all trees designated for removal by the Village Forester or his representative to a point 4" above ground level. A list of trees, with their species identification, size, Diameter at Breast Height (D.B.H.), and street address will be submitted to the Contractor from time to time indicating trees to be removed. No trees shall be removed without such designation. Additionally, trees contained on the list for removal will be marked with a painted orange dot on the trunk. Infectious diseased trees, dead trees harboring vectors of infectious diseases, and those listed as hazard trees shall be removed by the Contractor within ten (10) working days after receipt of each list prepared by the Village designating the location of these diseased trees. All other trees shall be removed within fifteen (15) working days upon receipt of the list. The contractor shall protect other trees in the area, sidewalks, curbs, streets and manholes from damage. Tree removal shall be paid based on the Diameter at Breast Height of the tree removed.

SECTION 1.12 EMERGENCY TREE SERVICE

The Contractor shall provide emergency tree services to the Village in the event that such services become necessary. The cost of such services shall be provided on a time and equipment basis at the unit prices specified in the Proposal. Work shall begin within twenty-four (24) hours of notification by the Director of Public Works and Services or his representative.

SECTION 1.13 REMOVAL OF DEBRIS

Immediately after the removal of a tree has been completed, the area shall be raked and the debris shall be removed from the area. Cleanup shall include removal of sawdust, small twigs, chips, leaves, trunks and limbs from the street, curb, parkway, private lawns and driveways. Care shall also be taken not to damage other trees, shrubs or turf during tree removal. All debris generated by tree removal operations shall be removed from the site and from the Village within four (4) hours after debris has been collected, unless authorized by the Director of Public Works and Services or his representative. No debris is to remain in the street, parkway or on the sidewalk overnight. Payment for removal and disposal of debris is to be included in the unit price. The Contractor shall destroy diseased wood in accordance with Illinois statutes and local ordinances. Limbs and trunks temporarily placed in the parkway areas shall be placed in such a manner as to eliminate any obstruction of pedestrian or vehicular traffic. Payment for removal and disposal of debris shall be included in the unit price.

The Contractor shall comply with all state and federal regulations governing the Emerald Ash Borer (EAB) and "regulated articles" set forth in the Illinois Department of Agriculture's Emerald Ash Borer Compliance Agreement. The Contractor shall have a signed Illinois Department of Agriculture Emerald Ash Borer Compliance Agreement on file with the Illinois Department of Agriculture.

SECTION 1.14 DAMAGE OF PROPERTY

Any damage to Village or private property as a result of the Contractor's operation shall be immediately repaired by the Contractor. Should the repair of the damaged area not be instituted promptly or satisfactorily, in the opinion of the Director of Public Works and Services, the Village reserves the right to make the necessary repairs and deduct the costs of repair from any monies due the Contractor.

SECTION 1.15 REPORTING

A daily log shall be kept by the Contractor with one copy for the Village. The Village may require additional reports as deemed necessary by the Village. The tree removal records will be submitted to the Director of Public Works and Services upon completion of the Work in the format approved by the Director of Public Works and Services.

SECTION 1.16 PUBLIC RELATIONS

The Contractor shall maintain at all times good public relations with all members of the public.

SECTION 1.17 LOCATION OF EQUIPMENT

Under no circumstances shall any motorized vehicles be permitted to be driven on the parkways, driveways or public walks while performing work under the provisions of this Contract unless prior written approval is obtained from the Director of Public Works and Services. If motorized equipment needs to be driven on parkways, rights-of-way, driveways or public walks while performing work under provisions of the Contract, provisions will be made by the Contractor to prevent damage to turf, groundcover, concrete or asphalt. Property owners must be notified in advance if equipment will be driven on the aprons or driveways. Any tree that cannot be reached by the aerial equipment must be climbed by a trained tree climber. Procurement of and payment for rental or purchase of any additional equipment such as cranes or aerial lifts deemed necessary by the Contractor for execution of the contract will be the sole responsibility of the Contractor.

SECTION 1.18 PARKING

No off-street parking for equipment shall be provided for by the Village on any of the Village's public properties, except as may be designated by the Director of Public Works and Services.

SECTION 1.19 METHOD OF MEASUREMENT

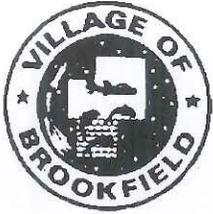
Trees to be removed shall be measured per inch of tree trunk diameter. The tree trunk diameter shall be measured at a point four and one-half feet (4 1/2') above the highest ground level at the tree and will be determined by using a D. B. H. tape or by dividing the measured circumference at this point by 3.14. Any tree that forks below four and one-half feet (4 1/2') will be measured as two separate trees at four and one-half feet (4 1/2') and added together as one (1) tree. Trees that fork at four and one-half feet (4 1/2') will be measured just below the fork.

SECTION 1.20 METHOD OF PAYMENT

Payment for all work and material shall be in accordance with the contract bid price for removals as submitted in the Contractor's Proposal. Payment will not be made for trees not removed according to the specifications, or within allotted time frames.

SECTION 1.21 INVOICES

Invoices will state location of the tree trimmed and, if the tree was removed, the diameter of each tree removed, the total number of trees trimmed and/or the calculated price to trim or remove each tree (unit price) and the total cost due to trim or remove all of the trees within the billing period.



Village of Brookfield

Department of Public Works

DATE: October 28th, 2019
TO: Mr. Tim Wiberg
FROM: Carl Muell
Re: 2019 Tree Trimming Program

Dear Tim:

Sealed bid proposals for the 2019 Tree Trimming Program were received and publicly opened at 3:00P.M. on Tuesday, October 15th, 2019 at the Brookfield Village Hall.

A total of (4) contractors obtained bidding documents for this program and the Village received proposals from (2) qualified companies. The bid proposal results are as follows:

| <u>CONTRACTOR</u> | <u>BID</u> |
|---|--------------|
| Davis Tree Trimming and Landscaping, Inc. | \$186,000.00 |
| Winkler Tree and Landscaping Inc. | \$133,320.00 |
| Public Works Estimate | \$75,000.00 |

Each of the bid proposals were properly completed. All were accompanied by the required bid security. The lowest bidder, Winkler Tree and Landscaping Inc., is a well qualified, local Chicago area contractor who has satisfactorily completed many municipal Tree Trimming Programs in the suburban area surrounding Brookfield. They have a sufficient work force in which to complete this project by the required completion date. It is Public Works recommendation that the Village accept the bid proposal submitted by Winkler Tree and Landscaping Inc.

Attached is a copy of the bid tabulation for the Tree Trimming Program.

Respectfully Submitted,

A handwritten signature in blue ink that reads "Carl Muell".

Carl Muell, Director of Public Works



Request For Board Action

REFERRED TO BOARD: October 28th, 2019

AGENDA ITEM NO: 5

ORIGINATING DEPARTMENT: Community & Economic Development Department
(CEDD)

SUBJECT: Approval of a Final Planned Development for the Linda Sokol Francis Brookfield Public Library (PZC 19-06)

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

The Brookfield Public Library requests approval of a Final Planned Development for the new Linda Sokol Francis Brookfield Public Library at 3541 Park Avenue and 3609 Grand Boulevard. This was recommended by the Planning and Zoning Commission at their September 26th, 2019 meeting. This item was discussed by the Village Board on October 14th, 2019. If approved, this will be the final zoning approval for the project.

The applicant is seeking the following as part of this Final Planned Development:

- 1) Special Use for Library in the A-1 District
- 2) Variance to reduce the corner side yard setback from 10 feet to 6 feet 2 inches
- 3) Variance to locate parking facilities across a public street from the principal building
- 4) Variance to add two additional monument signs on one parcel that are located closer than 5 feet to a property line

The approval of the Final Planned Development will have the following conditions:

- Meet all Village standards and requirements for work in the right of way
- Include two stop signs as stated in the traffic study and a left turn only sign if they occur on private property in the parking area.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

1. [Ordinance](#)
2. [Draft PZC Minutes for 9/26/19](#)
3. [PZC Packet for 9/26/19](#)

RECOMMENDED MOTION:

Review and approval of the Final Planned Development by Village Board of Trustees.

ORDINANCE NO. 2019 - 54

**AN ORDINANCE TO APPROVE A FINAL PLAN FOR A PLANNED DEVELOPMENT
FOR THE LINDA SOKOL FRANCIS BROOKFIELD LIBRARY IN THE
VILLAGE OF BROOKFIELD, ILLINOIS**

PASSED AND APPROVED BY
THE PRESIDENT AND BOARD OF TRUSTEES
THE 28TH DAY OF OCTOBER 2019

Published in pamphlet form by
Authority of the Corporate
Authorities of Brookfield, Illinois
the 28th day of October 2019.

ORDINANCE NO. 2019 - 54

AN ORDINANCE TO APPROVE A FINAL PLAN FOR A PLANNED DEVELOPMENT FOR THE LINDA SOKOL FRANCIS BROOKFIELD LIBRARY IN THE VILLAGE OF BROOKFIELD, ILLINOIS

WHEREAS, pursuant to Division 13 of the Illinois Municipal Code (65 Illinois Compiled Statutes 5/11-13-1, *et seq.*), and pursuant to the applicable provisions of Chapter 62 entitled “Zoning” of the Code of Ordinances of Village of Brookfield, Illinois (the “Brookfield Code”), the Applicant, the Brookfield Public Library, filed an application requesting a Special Use Permit for a planned development and final approval of a planned development for a two-story, 21,380-square-foot public library facility, green space, and 23-space parking lot (the “Planned Development”) to be located at the property commonly known as 3541 Park Avenue and 3609 Grand Boulevard, Brookfield, Illinois, which property is legally described in Exhibit “A” attached hereto (the “Property”), including a request for exceptions to standards established for conventional developments, hereinafter termed as variations, but not required to meet the requirements for the granting of zoning variations, of:

1. The corner side-yard setback requirement of Section 62-75 entitled “Bulk, yard and space requirements” of the Brookfield Code, from ten feet (10') to six feet, two inches (6' 2") from the southern lot line of the Property;
2. The requirement that parking facilities be in the same block and that no public street lie between the off-street parking spaces and the principal building, structure or use being served of Section 62-225 entitled “Control of Off-Street Parking Facilities” of the Brookfield Code to permit the parking facilities to be located across Lincoln Avenue from the library at the property commonly known as 3609 Grand Boulevard, Brookfield, Illinois;

3. The maximum size requirement for parking area signs in residential districts of four square feet (4 sq. ft.) of now-repealed Section 42-115 entitled "Parking Area Signs" of the Brookfield Code to nineteen and one-half square feet (19.5 sq. ft.) to permit the construction of a parking lot entry sign at the Grand Boulevard entrance to the proposed parking lot and to nine square feet (9 sq. ft.) to permit the construction of a parking lot entry sign at the Lincoln Avenue entrance to the proposed parking lot; and

4. The requirement that monument signs be permitted in only front yards, not be located within five feet (5') of the public right-of-way and not more than one (1) monument sign per lot of Section 42-86 entitled "Permanent Sign Regulations" of the Brookfield Code to permit the construction of two (2) monument signs, one (1) of which is to be located in other than the front yard, one (1) monument sign to be located at zero feet from the Applicant's Property line/public right-of-way line of Lincoln Avenue and one (1) monument sign to be located at zero feet from the Applicant's Property line/public right-of-way line of Grand Boulevard required due to the amendment of Chapter 42 entitled "Signs" of the Brookfield Code subsequent to both the preliminary approval of the Applicant's planned development and the filing of the Applicant's Planned Development Application;

WHEREAS, the Property is presently zoned A-1 Single Family Residential District and abuts on all sides the A-1 Single Family Residential District;

WHEREAS, following a duly noticed public hearing before the Planning and Zoning Commission on March 28, 2019, the Village of Brookfield Planning and Zoning Commission caused a written report of its determination and recommendation for

approval of the preliminary plan of the planned development and the requested zoning variations on the Property to be submitted to the President and Board of Trustees (the “Corporate Authorities”) of the Village of Brookfield, Illinois (the “Village”); and on May 13, 2019, the Corporate Authorities of the Village, having duly considered the question of preliminary approval of the planned development and preliminary approval of the requested zoning variations, after making the requisite findings of fact, preliminarily approved a Special Use Permit for a planned development and preliminarily approved the planned development and the requested zoning variations on the Property, subject to certain conditions as set forth in Ordinance No. 2019-21 entitled “An Ordinance to Approve a Preliminary Plan for a Planned Development for the Linda Sokol Francis Brookfield Library in the Village of Brookfield, Illinois”;

WHEREAS, a public notice was published in compliance with Section 62-633 of the Brookfield Code, in the *Brookfield Landmark* on August 7, 2019, which is more than fifteen (15) days but less than thirty (30) days prior to the public hearing date; a notice was mailed by the Applicant to all property owners within 250 feet in each direction of the location for which the special use is requested not more than 30 days prior to the filing of the Special Use/Planned Development Application in compliance with Sections 11-13-1.1 and 11-13-7 of the Illinois Municipal Code; and public notice was provided by posting on the property a sign visible to the general public complying with the requirements of Sections 62-759(d) and 62-822(b)(5) of the Brookfield Code, more than 15 days but less than 30 days prior to the public hearing date;

WHEREAS, a public hearing was held on the application on August 22, 2019, at 7:00 p.m. before the Village of Brookfield Planning and Zoning Commission, at which time

the Planning and Zoning Commission reviewed all relevant staff reports, all required Special Use/Planned Development Application materials, took sworn testimony and accepted evidence pertaining to the application for a special use, final approval of the Planned Development and the requested variations, and all persons who desired to be heard on the matter were heard;

WHEREAS, a second public notice was published in compliance with Section 62-633 of the Brookfield Code, in the *Brookfield Landmark* on September 11, 2019, which is more than fifteen (15) days but less than thirty (30) days prior to the public hearing date; a notice was mailed by the Applicant to all property owners within 250 feet in each direction of the location for which the special use is requested not more than 30 days prior to the filing of the Special Use/Planned Development Application in compliance with Sections 11-13-1.1 and 11-13-7 of the Illinois Municipal Code; and public notice was provided by posting on the property a sign visible to the general public complying with the requirements of Sections 62-759(d) and 62-822(b)(5) of the Brookfield Code, more than 15 days but less than 30 days prior to the public hearing date;

WHEREAS, a second public hearing was held on the application on September 26, 2019, at 7:00 p.m. before the Village of Brookfield Planning and Zoning Commission, at which time the Planning and Zoning Commission reviewed all relevant staff reports, all required Special Use/Planned Development Application materials, took sworn testimony and accepted evidence pertaining to the application for a special use, final approval of the Planned Development and the requested variations, and all persons who desired to be heard on the matter were heard;

WHEREAS, the Village Staff having duly considered the question of a special use, final approval of the special use, the planned development and the requested variations, has caused a written report of recommendations of the special use, final approval of the planned development and the requested variations to be submitted to the Planning and Zoning Commission;

WHEREAS, the Planning and Zoning Commission, having duly considered the question of the approval of a special use, final approval of the planned development and the requested variations, has caused a written report of its determination and recommendation approving the special use to construct a library and a parking lot in compliance with the final plan of development on the Property to be submitted to the Corporate Authorities of the Village and which is attached hereto marked as Exhibit "B";

WHEREAS, based on the evidence presented at the hearing, the Village Planning and Zoning Commission made the findings of fact as described in the Village Staff report which is attached thereto and incorporated herein which findings of fact are summarized as follows:

1. The Property is located at 3541 Park Avenue and 3609 Grand Boulevard, Brookfield, Illinois. The Brookfield Public Library Board of Trustees have operated the Property located at 3609 Grand Boulevard for library purposes/activities, propose to construct a new public library at 3541 Park Avenue, subsequently abandon and demolish the existing public library and construct green space and a 23-space parking lot at 3609 Grand Boulevard;

2. The Property is located in the A-1 Single-Family Residential zoning district. The proposed new library, green space and parking lot to be considered are a permissible use as a planned development to be permitted as a special use in an A-1 Single-Family Residential District;

3. The proposed special use at the Property of a planned development for a new library, green space and parking lot is necessary and desirable to provide a service or a facility that is in the interest of the public convenience or will provide for the general welfare of the zoning district or the Village as a whole because the

Brookfield Public Library serves persons residing in the Village. The proposed planned development provides a facility for use by the community. The proposed planned development will be an opportunity for new community events to take place and provide more quasi-public meeting space for residents. The landscaping plan and photometric plan is considerate of the surrounding neighborhood and provides improved aesthetics and desirable development;

4. After having considered the availability of locations for a new library, green space and parking lot at other sites which may permit the requested new library, green space and parking lot as a “use of right” and which may be more appropriate, while other sites were identified which would permit the new library, green space and parking lot as a “use of right,” no site was identified that was more appropriate because while a library is a use of right in the C-1 General Service District and the C-4 Local Retail District, the proposed site of development allows the Brookfield Public Library to construct the new public library at a site adjacent to the long-established site of the existing public library providing familiarity of the location to the residents of the Village and permits the re-use of the existing site of the public library to provide green space and a 23-space parking lot to service the patrons and employees of the public library thereby conserving scarce public funds and efficiently utilizing available public land;

5. After having considered any unique, special or unusual circumstances, the extent of the same and what, if any, special conditions, limitations, controls or other mechanisms may be undertaken to lessen or preclude any undesirable effects of granting the special use, certain special conditions, limitations, controls or other mechanisms should be undertaken to lessen or preclude any undesirable effects of granting the special use because:

A. There is motor vehicle parking impact on the surrounding neighborhood created by the granting of the special use; therefore, it is recommended that the impact be mitigated by the construction of the drop-off lane and parking lot improvements depicted in the final plan of development;

B. There is visual impact on the surrounding residential neighborhood and safety concerns created by the granting of the special use; therefore, it is recommended that the impact be mitigated by the construction of the green space and landscape depicted in the final plan of development;

C. There is impact to the Village’s subdivision plat requirements created by the granting of the special use because the green space and parking lot are proposed to be constructed across multiple platted parcels of land; therefore, to mitigate the impact to the Village’s subdivision plat requirements, it is recommended that the following condition be imposed:

The Applicant shall prepare and submit to the Village for approval and once approved, record with the office of the Cook County Recorder of Deeds, a plat of re-subdivision consolidating the platted lots owned by the Applicant which comprise the proposed green space and parking lot site;

6. The proposed planned development is served by the Village's water and sewer service and has adequate points of access to Grand Boulevard and Lincoln Avenue, public thoroughfares, so as to avoid unnecessary hazards or undue traffic congestion; and it provides for stormwater management meeting the Village's and the Chicago Metropolitan Water Reclamation District's standards;

7. The final plan of development is compatible with the goals and objectives of the "Brookfield 2020 Comprehensive Plan," as amended, because the Comprehensive Plan identifies the Property as "institutional" which is compatible with the proposed use of the Property; and the proposed Planned Development addresses several goals and objectives of the Brookfield 2020 Comprehensive Plan including:

A. Chapter 7 concerning Community Facilities and Services of the Brookfield 2020 Comprehensive Plan acknowledges that "The library has reached its storage and programming capacity and is no longer able to meet the needs of the community" (p. 100). Goal 2 of this section lists "Maintain adequate sites for the library, public works, and other Village facilities including the relocation of facilities when necessary" as an objective (p. 106). It is clear that the need for a more spacious library has been a topic of discussion for several years, and the Brookfield 2020 Comprehensive Plan supports this from a land use perspective; and

B. Chapter 8 concerning Parks and Recreation lists the first strategy under its second goal as "identify potential locations for additional smaller (mini) parks in underserved residential areas and commercial nodes within the Village, especially in the central portion of the Village, in Planning Area 1 and the western 1/3 of Planning Area 6, per the adopted 2014 Brookfield Open Space Plan." (p. 118). The proposed Planned Development, which includes an open space area next to the parking lot at 3609 Grand Blvd., will utilize this strategy. The new library will be located in the underserved Planning Area 1 Map.

8. The final plan of development promotes high standards in design, site planning and construction. The design is modern, but it also incorporates features that are compatible with the surrounding area, like fins on the second story windows to provide privacy to the neighbors. Additionally, the ground floor of the library utilizes a large number of prominent windows, creating an overall

transparent look that is inviting to the public and mirrors the design guidelines incorporated in the station area districts.

9. The final plan of development provides a safe and desirable environment. The proposed development includes an open space area next to the parking lot. Adding greenspace and public space to the neighborhood will make the area more desirable. In addition, the traffic analysis shows that the new development will not increase traffic in the area. Visitors to the library will utilize the brick crosswalk on Lincoln Avenue to access the library from the parking area safely.

10. The final plan of development provides for adequate open space for recreation and other community and/or development needs. The property at 3609 Grand will contain green space including benches, public art, lighting and landscaping which will fulfill a strategy identified for Goal 2 in the Parks and Recreation chapter of the Brookfield 2020 Comprehensive Plan. In addition, the property at 3541 Park Avenue will have a lawn area and café seating next to the library building.

11. The final plan of development presents a creative and workable approach in land development. The proposed Planned Development includes a new library building on a site adjacent to the current library and plans to use the current site as parking and public space. This represents a creative approach to solving the issue of parking for the new building, while still maintaining a residential feel to the area. The library also allows for possible future expansion to the west by providing ample green space to the west of the new building.

12. The design of the final plan of development is compatible with adjacent properties and the adjacent neighborhood. The design of the library is modern but will be compatible with the surrounding area. The proposed brick and cladding on the façade use high quality materials to enhance the appearance of the new library. The placement of the building was strategic to minimize the physical and visual impact on Park Avenue. The building will be 30 feet in height, which will not exceed what is currently required for the A-1 Single Family Residential District; Single Family Home Zoning District.

The parking area will contain landscaping and screening from the adjacent properties in order to maximize privacy.

13. The proposed Planned Development provides for land use, both initial and potential, which will be compatible with existing surrounding land uses. Design elements such as cladding and transparency contribute to compatibility. In addition, the library has allowed room for a potential addition in the far future by leaving greenspace and a plaza area to the west of the building.

14. The final plan of development, by virtue of its benefits to the Village and its unique and creative design, justifies the intended variations from the strict

interpretation of the zoning ordinance and justifies the special use requested because the new library will provide benefits to the Village's residents not otherwise available.

15. The proper safeguarding conditions offered by the Applicant or determined by the Planning and Zoning Commission allow the final Planned Development to meet the intents, purposes and standards established for the A-1 Single Family Residential zoning district because proposed landscaping and screening of the parking area will safeguard the adjacent residents from cars. In addition, the traffic analysis shows that the neighborhood will not see an increase in traffic.

16. The final plan of development protects the public health, safety, convenience and general welfare because it will provide a major improvement to the public amenities of the Village of Brookfield and will not negatively affect public health or safety. The additional public space will provide a needed park for the surrounding neighborhood.

17. The final plan of development is in general conformity with the previously approved preliminary planned development proposal. The minor changes are detailed in the Product Architecture + Design Report dated August 15, 2019 attached hereto as Exhibit "C."

18. The final plan of development by virtue of its imaginative and creative design and benefits to the Village, justifies the intended variations from the strict application of the subdivision standards and zoning ordinance because the larger and more modern library design will improve library lending, library programming, and other services.

19. The final plan of development requires additional conditions to protect the public interest and adjacent areas, improve the development and ensure compliance with existing Village ordinances including:

A. All work performed in the public right-of-way shall meet all Village standards;

B. At Grand Boulevard and the proposed driveway, install a stop sign to control the driveway approach to Grand Boulevard;

C. At Lincoln Avenue and the proposed driveway, install a stop sign to control the driveway approach to Lincoln Avenue; and

D. At Lincoln Avenue and the proposed driveway, install a "Left-Turn Only" or "One Way" sign at the intersection to inform motorists exiting the driveway of the one-way nature of Lincoln Avenue.

20. By virtue of its benefits to the Village and its unique and creative design, the proposed Planned Development justifies the following exceptions to standards established for conventional developments, termed as variations from the strict interpretation of the Village's zoning ordinance, but not required to meet the requirements for the granting of zoning variations:

A. The corner side-yard setback requirement of Section 62-75 entitled "Bulk, yard and space requirements" of the Brookfield Code, of ten feet (10') should be reduced to six feet, two inches (6' 2") from the southern lot line of the Property;

B. The requirement that parking facilities be in the same block and that no public street lie between the off-street parking spaces and the principal building, structure or use being served of Section 62-225 entitled "Control of Off-Street Parking Facilities" of the Brookfield Code should be varied to permit the parking facilities to be located across Lincoln Avenue from the library at the property commonly known as 3609 Grand Boulevard, Brookfield, Illinois;

C. The maximum size requirement for parking area signs in residential districts of four square feet (4 sq. ft.) of now-repealed Section 42-115 entitled "Parking Area Signs" of the Brookfield Code has been changed to a maximum size requirement for monument signs of forty square feet (40 sq. ft.) in area of Subsection 2.D.(a) of Section 42-86 entitled "Permanent Sign Regulations." Therefore, the size of the proposed parking lot entry sign at the Grand Boulevard entrance to the proposed parking lot of nineteen and one-half square feet (19.5 sq. ft.) and the proposed parking lot entry sign at the Lincoln Avenue entrance to the proposed parking lot of nine square feet (9 sq. ft.) are now permitted and do not require variation; and

D. The requirement that monument signs be permitted in only front yards, not be located within five feet (5') of the public right-of-way and not more than one (1) monument sign per lot of Section 42-86 entitled "Permanent Sign Regulations" of the Brookfield Code should be varied to permit the construction of two (2) monument signs, one (1) of which is to be located in other than the front yard, one (1) monument sign to be located at zero feet from the Applicant's Property line/public right-of-way line of Lincoln Avenue and one (1) monument sign to be located at zero feet from the Applicant's Property line/public right-of-way line of Grand Boulevard as required due to the amendment of Chapter 42 entitled "Signs" of the Brookfield Code subsequent to both the preliminary approval of the Applicant's planned development and the filing of the Applicant's Planned Development Application.

21. All requisite conditions for the approval of the requested special use to permit the final approval of a planned development and the construction of a new public library at 3541 Park Avenue, subsequent abandonment and demolition of the existing

public library and construction of green space and a 23-space parking lot at 3609 Grand Boulevard on the Property have been met by the Applicant;

22. It is in the best interests of the Village that the special use be approved to permit the planned development and the construction of a new public library at 3541 Park Avenue, subsequent abandonment and demolition of the existing public library and construction of green space and a 23-space parking lot at 3609 Grand Boulevard on the Property, subject to the conditions set forth in this ordinance.

WHEREAS, the Planning and Zoning Commission determined that the standards for the granting of the special use, the final approval of the Planned Development and the exceptions to standards established for conventional developments have been met and proved by the Applicant:

WHEREAS, in accordance with the aforesaid laws and/ordinances, the Village Planning and Zoning Commission, after making the foregoing findings of fact, recommended granting the special use permit, final approval of the Planned Development and the exceptions to standards established for conventional developments at the Property as submitted by the Applicant, subject to the following conditions:

1. To insure that the applicable requirements of the Plat Act and/or the Brookfield Code are met, it is recommended that the following condition be imposed:

The Applicant shall prepare and submit to the Village for review and approval a recordable Plats of Consolidation of Lots 25 through 30 inclusive for Block 6 in Grossdale and of Lots 38 through 43 inclusive for Block 12 in Grossdale on or before approval of the Final Plan of Planned Development.

2. To mitigate the vehicular traffic impact of the Planned Development on the surrounding neighborhood and to insure that the applicable requirements of the Brookfield Code are met, it is recommended that the following condition be imposed:

A. All work performed in the public right-of-way shall meet all Village standards;

B. At Grand Boulevard and the proposed driveway, install a stop sign to control the driveway approach to Grand Boulevard;

C. At Lincoln Avenue and the proposed driveway, install a stop sign to control the driveway approach to Lincoln Avenue.

D. At Lincoln Avenue and the proposed driveway, install a “Left-Turn Only” or “One Way” sign at the intersection to inform motorists exiting the driveway of the one-way nature of Lincoln Avenue.

WHEREAS, the Corporate Authorities, having reviewed all materials relevant to the Planned Development and the recommendations of Village Staff and the Planning and Zoning Commission, find that all requisite conditions for the approval of the special use for a planned development, the approval of the final Planned Development and approval of the requested variations have been met by the Applicant and that it is in the best interests of the Village that the special use permit be granted, the Planned Development for the Property be finally approved and the requested variations be granted, subject to the conditions set forth in this ordinance;

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Brookfield, Cook County, Illinois:

Section 1. Recitals. The Corporate Authorities hereby incorporate the foregoing preamble clauses into this ordinance and adopt and make the determinations as hereinabove set forth.

Section 2. Findings. The Corporate Authorities hereby make the following findings:

The Applicant has shown that:

1. The Property is located at 3541 Park Avenue and 3609 Grand Boulevard, Brookfield, Illinois. The Brookfield Public Library Board of Trustees have operated the Property located at 3609 Grand Boulevard for library purposes/activities, propose to construct a new public library at 3541 Park Avenue, subsequently abandon and demolish the existing public library and construct green space and a 23-space parking lot at 3609 Grand Boulevard;

2. The Property is located in the A-1 Single-Family Residential zoning district. The proposed new library, green space and parking lot to be considered are a permissible use as a planned development to be permitted as a special use in an A-1 Single-Family Residential District;

3. The proposed special use at the Property of a planned development for a new library, green space and parking lot is necessary and desirable to provide a service or a facility that is in the interest of the public convenience or will provide for the general welfare of the zoning district or the Village as a whole because the Brookfield Public Library serves persons residing in the Village. The proposed planned development provides a facility for use by the community. The proposed planned development will be an opportunity for new community events to take place and provide more quasi-public meeting space for residents. The landscaping plan and photometric plan is considerate of the surrounding neighborhood and provides improved aesthetics and desirable development;

4. After having considered the availability of locations for a new library, green space and parking lot at other sites which may permit the requested new library, green space and parking lot as a "use of right" and which may be more appropriate, while other sites were identified which would permit the new library, green space and parking lot as a "use of right," no site was identified that was more appropriate because while a library is a use of right in the C-1 General Service District and the C-4 Local Retail District, the proposed site of development allows the Brookfield Public Library to construct the new public library at a site adjacent to the long-established site of the existing public library providing familiarity of the location to the residents of the Village and permits the re-use of the existing site of the public library to provide green space and a 23-space parking lot to service the patrons and employees of the public library thereby conserving scarce public funds and efficiently utilizing available public land;

5. After having considered any unique, special or unusual circumstances, the extent of the same and what, if any, special conditions, limitations, controls or other mechanisms may be undertaken to lessen or preclude any undesirable effects of granting the special use, certain special conditions, limitations, controls or other mechanisms should be undertaken to lessen or preclude any undesirable effects of granting the special use because:

A. There is motor vehicle parking impact on the surrounding neighborhood created by the granting of the special use, therefore it is recommended that the impact be mitigated by the construction of the drop off lane and parking lot improvements depicted in the final plan of development;

B. There is visual impact on the surrounding residential neighborhood and safety concerns created by the granting of the special use, therefore it is recommended that the impact be mitigated by the

construction of the green space and landscape depicted in the final plan of development;

C. There is impact to the Village's subdivision plat requirements created by the granting of the special use because the green space and parking lot are proposed to be constructed across multiple platted parcels of land, therefore, to mitigate the impact to the Village's subdivision plat requirements, it is recommended that the following condition be imposed:

The Applicant shall prepare and submit to the Village for approval and once approved, record with the office of the Cook County Recorder of Deeds a plat of re-subdivision consolidating the platted lots owned by the Applicant which comprise the proposed green space and parking lot site;

6. The proposed planned development is served by the Village's water and sewer service and has adequate points of access to Grand Boulevard and Lincoln Avenue, public thoroughfares, so as to avoid unnecessary hazards or undue traffic congestion; and it provides for stormwater management meeting the Village's and the Chicago Metropolitan Water Reclamation District's standards;

7. The final plan of development is compatible with the goals and objectives of the "Brookfield 2020 Comprehensive Plan," as amended, because the Comprehensive Plan identifies the Property as "institutional" which is compatible with the proposed use of the Property; and the proposed Planned Development addresses several goals and objectives of the Brookfield 2020 Comprehensive Plan including:

A. Chapter 7 concerning Community Facilities and Services of the Brookfield 2020 Comprehensive Plan acknowledges that "The library has reached its storage and programming capacity and is no longer able to meet the needs of the community" (p. 100). Goal 2 of this section lists "Maintain adequate sites for the library, public works, and other Village facilities including the relocation of facilities when necessary" as an objective (p. 106). It is clear that the need for a more spacious library has been a topic of discussion for several years, and the Brookfield 2020 Comprehensive Plan supports this from a land use perspective; and

B. Chapter 8 concerning Parks and Recreation lists the first strategy under its second goal as "identify potential locations for additional smaller (mini) parks in underserved residential areas and commercial nodes within the Village, especially in the central portion of the Village, in Planning Area 1 and the western 1/3 of Planning Area 6, per the adopted 2014 Brookfield Open Space Plan." (p. 118). The proposed Planned Development, which includes an open space area next to the parking lot at 3609 Grand Blvd., will utilize this strategy. The new library will be located in the underserved Planning Area 1 Map.

8. The final plan of development promotes high standards in design, site planning and construction. The design is modern, but it also incorporates features that are compatible with the surrounding area, like fins on the second story windows to provide privacy to the neighbors. Additionally, the ground floor of the library utilizes a large number of prominent windows, creating an overall transparent look that is inviting to the public and mirrors the design guidelines incorporated in the station area districts.

9. The final plan of development provides a safe and desirable environment. The proposed development includes an open space area next to the parking lot. Adding greenspace and public space to the neighborhood will make the area more desirable. In addition, the traffic analysis shows that the new development will not increase traffic in the area. Visitors to the library will utilize the brick crosswalk on Lincoln Avenue to access the library from the parking area safely.

10. The final plan of development provides for adequate open space for recreation and other community and/or development needs. The property at 3609 Grand will contain green space including benches, public art, lighting and landscaping which will fulfill a strategy identified for Goal 2 in the Parks and Recreation chapter of the Brookfield 2020 Comprehensive Plan. In addition, the property at 3541 Park Avenue will have a lawn area and café seating next to the library building.

11. The final plan of development presents a creative and workable approach in land development. The proposed Planned Development includes a new library building on a site adjacent to the current library and plans to use the current site as parking and public space. This represents a creative approach to solving the issue of parking for the new building, while still maintaining a residential feel to the area. The library also allows for possible future expansion to the west by providing ample green space to the west of the new building.

12. The design of the final plan of development is compatible with adjacent properties and the adjacent neighborhood. The design of the library is modern but will be compatible with the surrounding area. The proposed brick and cladding on the façade use high quality materials to enhance the appearance of the new library. The placement of the building was strategic to minimize the physical and visual impact on Park Avenue. The building will be 30 feet in height, which will not exceed what is currently required for the A-1 Single Family Residential District; Single Family Home Zoning District.

The parking area will contain landscaping and screening from the adjacent properties in order to maximize privacy.

13. The proposed Planned Development provides for land use, both initial and potential, which will be compatible with existing surrounding land uses. Design elements such as cladding and transparency contribute to compatibility. In

addition, the library has allowed room for a potential addition in the far future by leaving greenspace and a plaza area to the west of the building.

14. The final plan of development, by virtue of its benefits to the Village and its unique and creative design, justifies the intended variations from the strict interpretation of the zoning ordinance and justifies the special use requested because the new library will provide benefits to the Village's residents not otherwise available;

15. The proper safeguarding conditions offered by the Applicant or determined by the Planning and Zoning Commission allow the final Planned Development to meet the intents, purposes and standards established for the A-1 Single-Family Residential zoning district because proposed landscaping and screening of the parking area will safeguard the adjacent residents from cars. In addition, the traffic analysis shows that the neighborhood will not see an increase in traffic.

16. The final plan of development protects the public health, safety, convenience and general welfare because it will provide a major improvement to the public amenities of the Village of Brookfield and will not negatively affect public health or safety. The additional public space will provide a needed park for the surrounding neighborhood.

17. The final plan of development is in general conformity with the previously approved preliminary planned development proposal. The minor changes are detailed in the Product Architecture + Design Report dated August 15, 2019 attached hereto as Exhibit "C".

18. The final plan of development by virtue of its imaginative and creative design and benefits to the Village, justifies the intended variations from the strict application of the subdivision standards and zoning ordinance because the larger and more modern library design will improve library lending, library programming, and other services;

19. The final plan of development requires additional conditions to protect the public interest and adjacent areas, improve the development and ensure compliance with existing Village ordinances including:

A. All work performed in the public right-of-way shall meet all Village standards;

B. At Grand Boulevard and the proposed driveway, install a stop sign to control the driveway approach to Grand Boulevard;

C. At Lincoln Avenue and the proposed driveway, install a stop sign to control the driveway approach to Lincoln Avenue.

D. At Lincoln Avenue and the proposed driveway, install a “Left-Turn Only” or “One Way” sign at the intersection to inform motorists exiting the driveway of the one-way nature of Lincoln Avenue.

20. By virtue of its benefits to the Village and its unique and creative design, the proposed Planned Development justifies the following exceptions to standards established for conventional developments, termed as variations from the strict interpretation of the Village’s zoning ordinance, but not required to meet the requirements for the granting of zoning variations:

A. The corner side-yard setback requirement of Section 62-75 entitled “Bulk, yard and space requirements” of the Brookfield Code, of ten feet (10’) should be reduced to six feet, two inches (6’ 2”) from the southern lot line of the Property;

B. The requirement that parking facilities be in the same block and that no public street lie between the off-street parking spaces and the principal building, structure or use being served of Section 62-225 entitled “Control of Off-Street Parking Facilities” of the Brookfield Code should be varied to permit the parking facilities to be located across Lincoln Avenue from the library at the property commonly known as 3609 Grand Boulevard, Brookfield, Illinois;

C. The maximum size requirement for parking area signs in residential districts of four square feet (4 sq. ft.) of now-repealed Section 42-115 entitled “Parking Area Signs” of the Brookfield Code has been changed to a maximum size requirement for monument signs of forty square feet (40 sq. ft.) in area of Subsection 2.D.(a) of Section 42-86 entitled “Permanent Sign Regulations.” Therefore, the size of the proposed parking lot entry sign at the Grand Boulevard entrance to the proposed parking lot of nineteen and one-half square feet (19.5 sq. ft.) and the proposed parking lot entry sign at the Lincoln Avenue entrance to the proposed parking lot of nine square feet (9 sq. ft.) are now permitted and do not require variation; and

D. The requirement that monument signs be permitted in only front yards, not be located within five feet (5’) of the public right-of-way and not more than one (1) monument sign per lot of Section 42-86 entitled “Permanent Sign Regulations” of the Brookfield Code should be varied to permit the construction of two (2) monument signs, one (1) of which is to be located in other than the front yard, one (1) monument sign to be located at zero feet from the Applicant’s Property line/public right-of-way line of Lincoln Avenue and one (1) monument sign to be located at zero feet from the Applicant’s Property line/public right-of-way line of Grand Boulevard as required due to the amendment of Chapter 42 entitled “Signs” of the Brookfield Code subsequent to both the preliminary approval of the Applicant’s planned development and the filing of the Applicant’s Planned Development Application.

21. All requisite conditions for the approval of the requested special use to permit the final approval of a planned development and the construction of a new public

library at 3541 Park Avenue, subsequent abandonment and demolition of the existing public library and construction of green space and a 23-space parking lot at 3609 Grand Boulevard on the Property have been met by the Applicant.

22. It is in the best interests of the Village that the special use be approved to permit the planned development and the construction of a new public library at 3541 Park Avenue, subsequent abandonment and demolition of the existing public library and construction of green space and a 23-space parking lot at 3609 Grand Boulevard on the Property, subject to the conditions set forth in this ordinance.

23. The Traffic Impact Study prepared by Michael May, P.E., PTOE, Illinois Registration #062-060245 (Expiration 11-30-2019) dated September 16, 2019 submitted to the Planning and Zoning Commission bears the seal, signature and date of the license expiration of Michael May, P.E., PTOE, a professional engineer licensed under the Professional Engineering Practice Act and thereby complies with the requirements of Section 3(f) of the Professional Engineering Practice Act and is properly accepted as evidence presented to the Planning and Zoning Commission.

Section 3. Approval of the Special Use Permit. The Corporate Authorities hereby approve a special use permit for a planned development for the Property.

Section 4. Final Approval of Planned Development. The Corporate Authorities hereby approve the Final Plan of Development which is attached hereto marked as Exhibit "D" submitted by the Applicant subject to the following conditions, the violation of any of which shall, in the reasonable discretion of the Corporate Authorities, be grounds for the repeal and revocation of the approval of Planned Development and/or the requested variations without further public notice or public hearing:

1. To insure that the applicable requirements of the Plat Act and/or the Brookfield Code were met, it is recommended that the following condition be imposed:

The Applicant shall submit evidence to the Village that it prepared and recorded the necessary Plat of Consolidation of Lots 25 through 30, inclusive, for Block 6 in Grossdale and of Lots 38 through 43, inclusive, for Block 12 in Grossdale on or before approval of this ordinance..

2. To mitigate the vehicular traffic impact of the Planned Development on the surrounding neighborhood and to insure that the applicable requirements of the Brookfield Code are met, it is recommended that the following conditions be imposed:

A. All work performed in the public right-of-way shall meet all Village standards;

B. At Grand Boulevard and the proposed driveway, install a stop sign to control the driveway approach to Grand Boulevard;

C. At Lincoln Avenue and the proposed driveway, install a stop sign to control the driveway approach to Lincoln Avenue; and

D. At Lincoln Avenue and the proposed driveway, install a “Left-Turn Only” or “One Way” sign at the intersection to inform motorists exiting the driveway of the one-way nature of Lincoln Avenue.

The final approval of the Planned Development includes approval of the variations to the following sections of Chapter 62 entitled “Zoning” and Chapter 42 entitled “Signs” of the Brookfield Code:

1. The corner side-yard setback requirement of Section 62-75 entitled “Bulk, yard and space requirements” of the Brookfield Code, of ten feet (10') is reduced to six feet, two inches (6' 2") from the southern lot line of the Property;

2. The requirement that parking facilities be in the same block and that no public street lie between the off-street parking spaces and the principal building, structure or use being served of Section 62-225 entitled “Control of Off-Street Parking Facilities” of the Brookfield Code is varied to permit the parking facilities to be located across Lincoln Avenue from the library at the property commonly known as 3609 Grand Boulevard, Brookfield, Illinois; and

3. The requirement that monument signs be permitted in only front yards, not be located within five feet (5') of the public right-of-way and not more than one (1) monument sign per lot of Section 42-86 entitled “Permanent Sign Regulations” of the Brookfield Code is varied to permit the construction of two (2) monument signs, one (1) of which is to be located in other than the front yard, one (1) monument sign to be located at zero feet from the Applicant’s Property line/public right-of-way line of Lincoln Avenue and one (1) monument sign to be located at zero feet from the Applicant’s Property line/public right-of-way line of Grand Boulevard as required due to the amendment of Chapter 42 entitled “Signs” of the Brookfield Code subsequent to both the preliminary approval of the Applicant’s planned development and the filing of the Applicant’s Planned Development Application.

Section 5. Time Limitation. The approval of the application for Planned Development is valid for twenty-four (24) months from the effective date of this ordinance,

provided that upon written petition by the holder of the planned development special use permit, and upon the finding of good cause by the Corporate Authorities prior to the expiration of the Planned Development special use permit, the Corporate Authorities may extend the permit for an additional period of twelve (12) months, provided further, however, that there shall be no obligation upon the Corporate Authorities to extend such period.

Section 6. Severability. If any provisions or portion of this ordinance or its application to any person, entity or property is held invalid, such invalidity shall not affect the application or validity of any other provisions or portions of this ordinance, and to that end, all provisions and portions of this Ordinance are declared to be severable.

Section 7. Incorporation of Exhibits. All exhibits attached to this ordinance are hereby incorporated herein and made a part of the substance hereof.

[THE REMAINDER OF THIS PAGE IS LEFT BLANK INTENTIONALLY.]

Section 8. Effective Date. This ordinance shall take effect upon its passage, approval and publication in pamphlet form.

ADOPTED this 28th day of October 2019 pursuant to a roll call vote as follows:

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this 28th day of October 2019.

Kit P. Ketchmark, President of the
Village of Brookfield, Cook County, Illinois

ATTESTED and filed in my office,
and published in pamphlet form
this 28th day of October 2019.

Brigid Weber, Clerk of the Village
of Brookfield, Cook County, Illinois

Exhibit "A"

LEGAL DESCRIPTION OF THE PROPERTY

Lots 38, 39, 40, 41, 42, 43, 44, 45 and 46 in block 12 together with Lots 25, 26, 27 , 28, 29 and 30 in block 6 in Grossdale, being a subdivision of the Southeast ¼ of Section 34, Township 39 North, Range 12 east of the Third Principal Meridian, in Cook County, Illinois.

P.I.N.: 15-34-401-016-0000
 15-34-401-017-0000
 15-34-401-018-0000
 15-34-401-019-0000
 15-34-401-020-0000
 15-34-401-021-0000
 15-34-411-001-0000

Commonly known as 3541 Park Avenue and 3609 Grand Boulevard, Brookfield, Illinois

Exhibit "B"

DETERMINATION AND RECOMMENDATION OF THE PLANNING AND ZONING COMMISSION

From: Village of Brookfield Planning and Zoning Commission

To: President and Board of Trustees of the Village of Brookfield, Illinois

Re: **PZC 19-06 Linda Sokol Francis Brookfield Library**

Date: **September 26, 2019**

Applicant: Brookfield Public Library

Special Use Application requesting final approval of a Planned Development to permit the construction of a public library on the property located at 3541 Park Avenue and 3609 Grand Boulevard (the "Property") in the Village of Brookfield, Illinois, including a request for a variation of the corner side-yard setback requirement of Section 62-75 entitled "Bulk, yard and space requirements" of the Brookfield Code, from ten feet (10') to six feet, two inches (6' 2") from the southern lot line of the Property; a request for a variation of the requirement that parking facilities be in the same block and that no public street lie between the off-street parking spaces and the principal building, structure or use being served of Section 62-225 entitled "Control of Off-Street Parking Facilities" of the Brookfield Code to permit the parking facilities to be located across Lincoln Avenue from the library at the property commonly known as 3609 Grand Boulevard, Brookfield, Illinois; a request for a variation of the maximum size requirement for parking area signs in residential districts of four square feet (4 sq. ft.) of now- repealed Section 42-115 entitled "Parking Area Signs" of the Brookfield Code to permit the proposed parking lot entry sign at the Grand Boulevard entrance to the proposed parking lot of nineteen and one-half square feet (19.5 sq. ft.) and the proposed parking lot entry sign at the Lincoln Avenue entrance to the proposed parking lot of nine square feet (9 sq. ft.); and a request for a variation of the requirement that monument signs be permitted in only front yards, not be located within five feet (5') of the public right-of-way and not more than one (1) monument sign per lot of Section 42-86 entitled "Permanent Sign Regulations" of the Brookfield Code is varied to permit the construction of two (2) monument signs, one (1) of which is to be located in other than the front yard, one (1) monument sign to be located at zero feet from the Applicant's Property line/public right-of-way line of Lincoln Avenue and one (1) monument sign to be located at zero feet from the Applicant's Property line/public right-of-way line of Grand Boulevard as required due to the amendment of Chapter 42 entitled "Signs" of the Brookfield Code subsequent to both the preliminary approval of the Applicant's planned development and the filing of the Applicant's Planned Development Application..

A public notice was published in compliance with Section 62-633 of the Brookfield Code, in the *Brookfield Landmark* on August 7, 2019, which is more than fifteen (15) days but less than thirty (30) days prior to the public hearing date; a notice was mailed by the Applicant to all property owners within 250 feet in each direction of the location for which the special use is requested not more than 30 days prior to the filing of the Special Use/Planned Development Application in compliance with Sections 11-13-1.1 and 11-13-7 of the Illinois Municipal Code; and public notice was provided by posting on the property a sign visible to the general public complying with the requirements of Sections 62-759(d) and 62-822(b)(5) of the Brookfield Code, more than 15 days but less than 30 days prior to the public hearing date.

A public hearing was held on the application on August 22, 2019, at 7:00 p.m. before the Village of Brookfield Planning and Zoning Commission, at which time the Planning and Zoning Commission reviewed all relevant staff reports, all required Special Use/Planned Development Application materials, took sworn testimony and accepted evidence pertaining to the application for a special use, final approval of the Planned Development and the requested variations, and all persons who desired to be heard on the matter were heard.

A second public notice was published in compliance with Section 62-633 of the Brookfield Code, in the *Brookfield Landmark* on September 11, 2019, which is more than fifteen (15) days but less than thirty (30) days prior to the public hearing date; a notice was mailed by the Applicant to all property owners within 250 feet in each direction of the location for which the special use is requested not more than 30 days prior to the filing of the Special Use/Planned Development Application in compliance with Sections 11-13-1.1

and 11-13-7 of the Illinois Municipal Code; and public notice was provided by posting on the property a sign visible to the general public complying with the requirements of Sections 62-759(d) and 62-822(b)(5) of the Brookfield Code, more than 15 days but less than 30 days prior to the public hearing date.

A second public hearing was held on the application on September 26, 2019, at 7:00 p.m. before the Village of Brookfield Planning and Zoning Commission, at which time the Planning and Zoning Commission reviewed all relevant staff reports, all required Special Use/Planned Development Application materials, took sworn testimony and accepted evidence pertaining to the application for a special use, final approval of the Planned Development and the requested variations, and all persons who desired to be heard on the matter were heard.

The Planning and Zoning Commission, having duly considered the question of the preliminary approval of a special use permit, the Planned Development and the requested variations has caused a written report of its determination and recommendation approving the special use to construct a parking lot on the Property; and based on the evidence presented at the hearing, the Planning and Zoning Commission makes the following findings of fact, which are summarized as follows:

1. The Property is located at 3541 Park Avenue and 3609 Grand Boulevard, Brookfield, Illinois. The Brookfield Public Library Board of Trustees have operated the Property located at 3609 Grand Boulevard for library purposes/activities, and propose to construct a new public library at 3541 Park Avenue, subsequently abandon and demolish the existing public library and construct green space and a 23-space parking lot at 3609 Grand Boulevard.

2. The Property is located in the A-1 Single Family Residential zoning district. The proposed new library, green space and parking lot to be considered are a permissible use as a planned development to be permitted as a special use in an A-1 Single Family Residential District.

3. The proposed special use at the Property of a planned development for a new library, green space and parking lot is necessary and desirable to provide a service or a facility that is in the interest of the public convenience or will provide for the general welfare of the zoning district or the Village as a whole because the Brookfield Public Library serves persons residing in the Village. The proposed planned development provides a facility for use by the community. The proposed planned development will be an opportunity for new community events to take place and provide more quasi-public meeting space for residents. The landscaping plan and photometric plan is considerate of the surrounding neighborhood and provides improved aesthetics and desirable development.

4. After having considered the availability of locations for a new library, green space and parking lot at other sites which may permit the requested new library, green space and parking lot as a "use of right" and which may be more appropriate, while other sites were identified which would permit the new library, green space and parking lot as a "use of right," no site was identified that was more appropriate because while a library is a use of right in the C-1 General Service District and the C-4 Local Retail District, the proposed site of development allows the Brookfield Public Library to construct the new public library at a site adjacent to the long-established site of the existing public library providing familiarity of the location to the residents of the Village and permits the re-use of the existing site of the public library to provide green space and a 23-space parking lot to service the patrons and employees of the public library thereby conserving scarce public funds and efficiently utilizing available public land.

5. After having considered any unique, special or unusual circumstances, the extent of the same and what, if any, special conditions, limitations, controls or other mechanisms may be undertaken to lessen or preclude any undesirable effects of granting the special use, certain special conditions, limitations, controls or other mechanisms should be undertaken to lessen or preclude any undesirable effects of granting the special use because:

A. There is motor vehicle parking impact on the surrounding neighborhood created by the granting of the special use; therefore, it is recommended that the impact be mitigated by the construction of the drop-off lane and parking lot improvements depicted in the final plan of development;

B. There is visual impact on the surrounding residential neighborhood and safety concerns created by the granting of the special use; therefore, it is recommended that the impact be mitigated by the construction of the green space and landscape depicted in the final plan of development;

C. There is impact to the Village's subdivision plat requirements created by the granting of the special use because the green space and

parking lot are proposed to be constructed across multiple platted parcels of land; therefore, to mitigate the impact to the Village's subdivision plat requirements, it is recommended that the following condition be imposed:

The Applicant shall prepare and submit to the Village for approval and once approved, record with the office of the Cook County Recorder of Deeds a plat of re-subdivision consolidating the platted lots owned by the Applicant which comprise the proposed green space and parking lot site.

6. The proposed planned development is served by the Village's water and sewer service and has adequate points of access to Grand Boulevard and Lincoln Avenue, public thoroughfares, so as to avoid unnecessary hazards or undue traffic congestion; and it provides for stormwater management meeting the Village's and the Chicago Metropolitan Water Reclamation District's standards.

7. The final plan of development is compatible with the goals and objectives of the "Brookfield 2020 Comprehensive Plan," as amended, because the Comprehensive Plan identifies the Property as "institutional" which is compatible with the proposed use of the Property; and the proposed Planned Development addresses several goals and objectives of the Brookfield 2020 Comprehensive Plan including:

A. Chapter 7 concerning Community Facilities and Services of the Brookfield 2020 Comprehensive Plan acknowledges that "The library has reached its storage and programming capacity and is no longer able to meet the needs of the community" (p. 100). Goal 2 of this section lists "Maintain adequate sites for the library, public works, and other Village facilities including the relocation of facilities when necessary" as an objective (p. 106). It is clear that the need for a more spacious library has been a topic of discussion for several years, and the Brookfield 2020 Comprehensive Plan supports this from a land use perspective; and

B. Chapter 8 concerning Parks and Recreation lists the first strategy under its second goal as "identify potential locations for additional smaller (mini) parks in underserved residential areas and commercial nodes within the Village, especially in the central portion of the Village, in Planning Area 1 and the western 1/3 of Planning Area 6, per the adopted 2014 Brookfield Open Space Plan." (p. 118). The proposed Planned Development, which includes an open space area next to the parking lot at 3609 Grand Blvd., will utilize this strategy. The new library will be located in the underserved Planning Area 1 Map.

8. The final plan of development promotes high standards in design, site planning and construction. The design is modern, but it also incorporates

features that are compatible with the surrounding area, like fins on the second story windows to provide privacy to the neighbors. Additionally, the ground floor of the library utilizes a large number of prominent windows, creating an overall transparent look that is inviting to the public and mirrors the design guidelines incorporated in the station area districts.

9. The final plan of development provides a safe and desirable environment. The proposed development includes an open space area next to the parking lot. Adding greenspace and public space to the neighborhood will make the area more desirable. In addition, the traffic analysis shows that the new development will not increase traffic in the area. Visitors to the library will utilize the brick crosswalk on Lincoln Avenue to access the library from the parking area safely.

10. The final plan of development provides for adequate open space for recreation and other community and/or development needs. The property at 3609 Grand will contain green space including benches, public art, lighting and landscaping which will fulfill a strategy identified for Goal 2 in the Parks and Recreation chapter of the Brookfield 2020 Comprehensive Plan. In addition, the property at 3541 Park Avenue will have a lawn area and café seating next to the library building.

11. The final plan of development presents a creative and workable approach in land development. The proposed Planned Development includes a new library building on a site adjacent to the current library and plans to use the current site as parking and public space. This represents a creative approach to solving the issue of parking for the new building, while still maintaining a residential feel to the area. The library also allows for possible future expansion to the west by providing ample green space to the west of the new building.

12. The design of the final plan of development is compatible with adjacent properties and the adjacent neighborhood. The design of the library is modern but will be compatible with the surrounding area. The proposed brick and cladding on the façade use high quality materials to enhance the appearance of the new library. The placement of the building was strategic to minimize the physical and visual impact on Park Avenue. The building will be 30 feet in height, which will not exceed what is currently required for the A-1 Single Family Residential District; Single Family Home Zoning District.

The parking area will contain landscaping and screening from the adjacent properties in order to maximize privacy.

13. The proposed Planned Development provides for land use, both initial and potential, which will be compatible with existing surrounding land uses. Design elements such as cladding and transparency contribute to compatibility. In addition, the library has allowed room for a potential addition in the far future by leaving greenspace and a plaza area to the west of the building.

14. The final plan of development, by virtue of its benefits to the Village and its unique and creative design, justifies the intended variations from the strict interpretation of the zoning ordinance and justifies the special use requested because the new library will provide benefits to the Village's residents not otherwise available.

15. The proper safeguarding conditions offered by the Applicant or determined by the Planning and Zoning Commission allow the final Planned Development to meet the intents, purposes and standards established for the A-1 Single Family Residential zoning district because proposed landscaping and screening of the parking area will safeguard the adjacent residents from cars. In addition, the traffic analysis shows that the neighborhood will not see an increase in traffic.

16. The final plan of development protects the public health, safety, convenience and general welfare because it will provide a major improvement to the public amenities of the Village of Brookfield and will not negatively affect public health or safety. The additional public space will provide a needed park for the surrounding neighborhood.

17. The final plan of development is in general conformity with the previously approved preliminary planned development proposal. The minor changes are detailed in the Product Architecture + Design Report dated August 15, 2019 attached hereto as Exhibit "C."

18. The final plan of development by virtue of its imaginative and creative design and benefits to the Village, justifies the intended variations from the strict application of the subdivision standards and zoning ordinance because the larger and more modern library design will improve library lending, library programming, and other services.

19. The final plan of development requires additional conditions to protect the public interest and adjacent areas, improve the development and ensure compliance with existing Village ordinances including:

A. All work performed in the public right-of-way shall meet all Village standards;

B. At Grand Boulevard and the proposed driveway, install a stop sign to control the driveway approach to Grand Boulevard;

C. At Lincoln Avenue and the proposed driveway, install a stop sign to control the driveway approach to Lincoln Avenue.

D. At Lincoln Avenue and the proposed driveway, install a “Left-Turn Only” or “One Way” sign at the intersection to inform motorists exiting the driveway of the one-way nature of Lincoln Avenue.

20. By virtue of its benefits to the Village and its unique and creative design, the proposed Planned Development justifies the following exceptions to standards established for conventional developments, termed as variations from the strict interpretation of the Village’s zoning ordinance, but not required to meet the requirements for the granting of zoning variations:

A. The corner side-yard setback requirement of Section 62-75 entitled “Bulk, yard and space requirements” of the Brookfield Code, of ten feet (10’) should be reduced to six feet, two inches (6’ 2”) from the southern lot line of the Property;

B. The requirement that parking facilities be in the same block and that no public street lie between the off-street parking spaces and the principal building, structure or use being served of Section 62-225 entitled “Control of Off-Street Parking Facilities” of the Brookfield Code should be varied to permit the parking facilities to be located across Lincoln Avenue from the library at the property commonly known as 3609 Grand Boulevard, Brookfield, Illinois;

C. The maximum size requirement for parking area signs in residential districts of four square feet (4 sq. ft.) of now-repealed Section 42-115 entitled “Parking Area Signs” of the Brookfield Code has been changed to a maximum size requirement for monument signs of forty square feet (40 sq. ft.) in area of Subsection 2.D.(a) of Section 42-86 entitled “Permanent Sign Regulations.” Therefore, the size of the proposed parking lot entry sign at the Grand Boulevard entrance to the proposed parking lot of nineteen and one-half square feet (19.5 sq. ft.) and the proposed parking lot entry sign at the Lincoln Avenue entrance to the proposed parking lot of nine square feet (9 sq. ft.) are now permitted and do not require variation; and

D. The requirement that monument signs be permitted in only front yards, not be located within five feet (5’) of the public right-of-way and not more than one (1) monument sign per lot of Section 42-86 entitled “Permanent Sign Regulations” of the Brookfield Code should be varied to permit the construction of two (2) monument signs, one (1) of which is to be located in other than the front yard, one (1) monument sign to be located at zero feet from the Applicant’s Property line/public right-of-way line of Lincoln Avenue and one (1) monument sign to be located at zero feet from the Applicant’s Property line/public right-of-way line of Grand Boulevard as required due to the amendment of Chapter 42 entitled “Signs” of the Brookfield Code subsequent to both the preliminary approval of the Applicant’s planned development and the filing of the Applicant’s Planned Development Application.

21. All requisite conditions for the approval of the requested special use to permit the final approval of a planned development and the construction of a new public library at 3541 Park Avenue, subsequent abandonment and demolition of the existing public library and construction of green space and a 23-space parking lot at 3609 Grand Boulevard on the Property have been met by the Applicant.

22. It is in the best interests of the Village that the special use be approved to permit the planned development and the construction of a new public library at 3541 Park Avenue; subsequent abandonment and demolition of the existing public library; and construction of green space and a 23-space parking lot at 3609 Grand Boulevard on the Property, subject to the conditions set forth in this ordinance.

The Planning and Zoning Commission is of the opinion that the standards for the granting of the special use permit, the final approval of the Planned Development and the exceptions to standards established for conventional developments have been met and proved by the Applicant.

The Village Planning and Zoning Commission, after making the foregoing findings of fact, after having considered any unique, special or unusual circumstances, the extent of the same and what, if any, special conditions, limitations, controls or other mechanisms may be undertaken to lessen or preclude any undesirable effects of granting the special use, has determined that certain special conditions, limitations, controls or other mechanisms need be undertaken to lessen or preclude any undesirable effects of granting the special use and hereby recommends approval of the special use permit, the final approval of the Planned Development and the requested variations on the Property provided that the following conditions are satisfied by the Applicant:

1. To insure that the applicable requirements of the Plat Act and/or the Brookfield Code are met, it is recommended that the following condition be imposed:

The Applicant shall submit evidence to the Village that it prepared and recorded the necessary Plat of Consolidation of Lots 25 through 30,

inclusive, for Block 6 in Grossdale and of Lots 38 through 43, inclusive, for Block 12 in Grossdale on or before approval of this ordinance..

2. To mitigate the vehicular traffic impact of the Planned Development on the surrounding neighborhood and to insure that the applicable requirements of the Brookfield Code are met, it is recommended that the following conditions be imposed:

A. All work performed in the public right-of-way shall meet all Village standards;

B. At Grand Boulevard and the proposed driveway, install a stop sign to control the driveway approach to Grand Boulevard;

C. At Lincoln Avenue and the proposed driveway, install a stop sign to control the driveway approach to Lincoln Avenue; and

D. At Lincoln Avenue and the proposed driveway, install a “Left-Turn Only” or “One Way” sign at the intersection to inform motorists exiting the driveway of the one-way nature of Lincoln Avenue.

EXHIBIT "C"

PRODUCT ARCHITECTURE + DESIGN REPORT DATED AUGUST 15, 2019

[Back to COW](#)

product architecture + design

08.15.2019

Proposed Project:

Linda Sokol Francis Brookfield Library
3541 Park Avenue, Brookfield IL

The following document contains revisions to the Final PD submittal package that was submitted on July 25th, 2019. This is the 2nd set of revisions to this submission, with a prior revision being submitted on August 8th, 2019.

A list of drawing revisions is below. These include comments addressed in both revision 1 & revision 2.

A list of the Right of Way scope of work is below. A right of way exhibit is included as sheet A1.1.

A project schedule is also attached.

A drawing showing the immediate character of all properties within 100' of the site boundaries is attached.

The plat of survey and plat of reconsolidation are attached to the drawing sheets.

Drawing Revisions:

Below is a list of revisions to the Final PD package sent to the Village on Brookfield on July 25th, 2019. This is the 2nd set of revisions to this submission, with a prior revision being submitted on August 8th, 2019. Changes are called out per sheet. Drawing revisions are marked on the pdfs with the cloud revision tool.

A0.0

- New sheets names added.

A1.0

- All bollards located in the right-of-way have been eliminated.
- Relocated monumental sign along Lincoln Avenue from the right of way to the parking lot site.
- Relocated monumental sign along Grand Avenue from the right of way to the parking lot site.
- Revised size of the concrete footing underneath the trash enclosure.
- Bookdrop relocated to be near the main entrance to the library.
- Crosswalk signage added to match civil drawings
- The scope of new sidewalk work along Park Avenue has been extended to the north property line.
- Monumental signs next to the parking lot have been relocated so they are not in the right-of-way

product architecture + design | www.product-architects.com

EXHIBIT "C"

PRODUCT ARCHITECTURE + DESIGN REPORT DATED AUGUST 15, 2019

Back to COW

product architecture + design

A1.1

- This is a new sheet. This sheet documents the work occurring in the right of way. The changes made per director of the Village Planning Department are included on this sheet. All other sitework is grayed out and not annotated on this drawing.

A2.0

- All bollards located in the right-of-way have been eliminated.
- Bookdrop relocated to be near the main entrance to the library.
- Crosswalk signage added to match civil drawings.
- The scope of new sidewalk work along Park Avenue has been extended to the north property line.
- Monumental signs next to the parking lot have been relocated so they are not in the right-of-way
- Relocated monumental sign along Lincoln Avenue from the right of way to the parking lot site.
- Relocated monumental sign along Grand Avenue from the right of way to the parking lot site.
- Revised size of the concrete footing underneath the trash enclosure.

A3.0

- No changes

A4.0

- No Changes

A4.1

- The monumental sign on the building site, near the intersection of Park & Lincoln, has been reduced in size. The area of the sign is 40 SF. The text has been revised to occupy more than 50% of the sign.
- Relocated monumental sign along Lincoln Avenue from the right of way to the parking lot site. Monumental sign has decreased in size. Monumental sign does not cross into the right-of-way.
- Relocated monumental sign along Grand Avenue from the right of way to the parking lot site. Monumental sign has decreased in size. Monumental sign does not cross into the right-of-way.
- Revised size of the concrete footing underneath the trash enclosure.

A5.0

- Revised construction schedule is shown on this drawing.

A6.0

- Provided additional notes regarding the shields on the parking lot fixtures.
- Additional light fixture information is located in this file.
- Bollards by the drop off spaces have been eliminated.

C000

- Drainage Certification added. Village Notes added. Index of Sheets C603 added

product architecture + design | www.product-architects.com

EXHIBIT “C”
PRODUCT ARCHITECTURE + DESIGN REPORT DATED AUGUST 15, 2019

[Back to COW](#)

product architecture + design

C200

- Floodplain statement added.
- Bookdrop relocated.
- Handicapped parking space eliminated.
- Bollards removed by drop off.

C100

- Roadway cuts across Grand Boulevard added
- Removal of watermain on Grand Boulevard added
- Mill and overlay of Lincoln avenue added
- Demolition Note 13 added

C200

- Basin Geometry blow up added
- Cross walk and drop off signage added
- Parking Entrance signs added
- Bookdrop relocated.
- Handicapped parking space eliminated.
- Bollards removed by drop off.

C300

- Storm Utility Routing south of Lincoln Avenue changed
- Storm Pipe materials changed from RCP to C900 when crossing existing water lines
- Water Service sleeved at Lincoln Avenue Storm crossing
- Water main relocated along Grand Boulevard
- Underdrains added in detention basin area
- Temporary Sewer Connection notes revised
- Storm sewer rims and inverts revised slightly
- Utility Crossing Chart revised
- Storm sewer added in Grand Boulevard

C400

- Grading adjusted
- Two utility crossings at Grand Avenue require paving
- Mill and Overlay of Lincoln Avenue.
- Bookdrop relocated.
- Handicapped parking space eliminated.
- Bollards removed by drop off.

product architecture + design | www.product-architects.com

EXHIBIT “C”
PRODUCT ARCHITECTURE + DESIGN REPORT DATED AUGUST 15, 2019

[Back to COW](#)

product architecture + design

C601

- Accessible ramp details added.

C602

- Brick paver sidewalk weep holes revised.
- Pressure Connection Vault Added

C603

- Pavement path details added
- Spring line sewer connection detail added
- Sanitary service connection detail added.

L01

- Relocated book-drop.
- Revised planting and paving by book-drop due to book-drop relocation.
- Eliminated handicapped parking space.

L-100

- Bold trees for removal and thicken “X” line in Drawings and Legend
- Added Neighbors landscape (do not disturb) hatch to legend
- Revised Tree protection fence from 6' ht. chain link fence to 4' ht. orange plastic fence per Victor Janusz with forestry comment
- Added note #1. This is the note stating that the contractor is responsible

L-200

- Added note #8
- Added Property Line to legend
- Added a few call outs.
- Eliminated bollards.
- Relocated book-drop.
- Eliminated handicapped parking space.

L-201

- Added Property Line to legend
- Added 4" PVC Landscape Underdrainage pipe to plans and legend
- Added a few call out.
- Eliminated bollards.
- Relocated book-drop.

L-202

- Added Property Line to legend
- Removed (4) AMM from planting area where 2 new entry signs are located
- Added (820) PON low growing groundcover around 2 new entry signs

product architecture + design | www.product-architects.com

EXHIBIT "C"

PRODUCT ARCHITECTURE + DESIGN REPORT DATED AUGUST 15, 2019

[Back to COW](#)

product architecture + design

- Changed layout of (3) MAC ornamental trees to avoid proposed utilities and proposed light poles
 - Added section cut through berm and park space.
 - Eliminated handicap parking space.
- L-203**
- Added (4) WAF plants to planting area by trash enclosure to fill in the extra space from the building outline changing slightly
 - Enlarged plan by the front door was changed to show the new book-drop location.
 - Some plants were eliminated due to the book-drop relocation.
- L-204**
- Added light pole call out in parking island
 - Added Park Site Landscape Section
- L-205** – No changes
- L-300**
- Eliminated Bollard.
 - Add Landscape Underdrainage Detail
- L-301** – No changes
- L-302**
- Add underdrainage pipe to Detail #3
- L-303**
- Changed AMM from (48) to (44)
 - Added (820) PON
 - Added (4) WAF
 - Changed AWC to 75
 - Changed POH to 47
 - Changed WAF to 376.

Right of Way Scope of Work:

Below is a list of the scope of work occurring in the village right of way. This work is shown on sheet A1.1. Additional Civil and Landscape drawings provide detail on this scope of work.

LINCOLN AVENUE

- brick work on Lincoln Ave parkway (pavers next to patron drop off spaces).
- The bollards have been eliminated from the scope of work. The curb at the drop off is a standard 6" curb, and not an indented ADA curb cut.
- The bookdrop has been relocated and is no longer in the eight-of-way. This is shown on all Architectural, Civil and Landscape Drawings.
- changing parking configuration on Lincoln Ave (drop-off spaces and reducing number of angled spaces on southern side)

product architecture + design | www.product-architects.com

EXHIBIT "C"

PRODUCT ARCHITECTURE + DESIGN REPORT DATED AUGUST 15, 2019

[Back to COW](#)

product architecture + design

- New curb cuts for parking entrance
- New curb cuts and crosswalk across Lincoln at mid block.
- Sodded Parkways
- Mill and repave Lincoln Avenue along site frontage
- Crosswalk and drop off area signage
- New sidewalk along property frontage (when there are no pavers)

GRAND AVENUE

- New curb cuts for parking entrance
- Sodded Parkway
- (1) proposed 3" caliper Shademaster Honeylocust tree
- New curb to replace depressed curb
- Pavement patches for utility trenches and curb work.
- New sidewalk along property frontage.

PARK AVENUE

- Sodded Parkway
- (3) proposed 4.5" caliper Redpointe Maple trees
- New sidewalk along most of the property frontage

UNDERGROUND

- Sewer Line southwest across Grand (roadway drainage)
- Sewer Line west to the center of Park (building Sewage)
- Waterline south across Lincoln.
- Sewer lines across Lincoln with connections.
- Catch Basin in curb line in Lincoln.
- Temporary and permanent sewer lines across Lincoln.
- Watermain relocation around storm structure in Grand Avenue

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

PROJECT:
NEW LIBRARY BUILDING CONSTRUCTION AT:
**Linda Sokol Francis
Brookfield Library**
3541 Park Avenue Brookfield, IL 60513

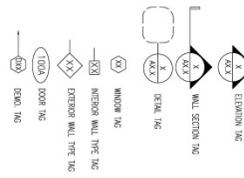
PROJECT DESCRIPTION:

CONSTRUCTION OF A NEW 2 STORY STRUCTURE WITH A FINISHED BASEMENT LEVEL. PROJECT INCLUDES MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE SYSTEMS. CIVIL & LANDSCAPING. DEMOLITION OF EXISTING LIBRARY AND REPLACEMENT OF PARKING LOT TO FOLLOW CONSTRUCTION PROJECT.

BUILDING INFORMATION:
USE GROUP A-3 ASSEMBLY - LIBRARY,
CONSTRUCTION TYPE II-B

APPLICABLE CODES:
2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL ELECTRICAL CODE
2014 CITY OF CHICAGO ELECTRICAL CODE
2019 ILLINOIS ACCESSIBILITY CODE
SEE VILLAGE OF BROOKFIELD FOR AMENDMENTS TO BUILDING, PLUMBING, AND ELECTRIC CODE

DRAWING SYMBOL INDEX:



VICINITY MAP:



STATEMENT OF COMPLIANCE:

I HAVE PREPARED OR CAUSED TO BE PREPARED THESE PLANS AND SPECIFICATIONS AND STATE THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF AND TO THE BEST OF MY SKILL AND CARE, THEY COMPLY WITH ALL CITY OF CHICAGO ORDINANCES AND ALL APPLICABLE STATE AND FEDERAL LAWS AND REGULATIONS AND THE CODES AND BUILDING DEPARTMENT OF THE VILLAGE OF BROOKFIELD, ILLINOIS.

DESIGN PROFESSIONAL:
ILLINOIS PROFESSIONAL DESIGN FIRLL LICENSE 194002974-0001

SIGNED: _____
DATE: _____

DRAWING INFORMATION:

- ARCHITECTURAL:**
A0.0 COVER SHEET AND NOTES
A1.0 SITE PLAN
A2.0 SITE PLAN / ROOF PLAN
A3.0 FLOOR PLANS
A4.0 EXTERIOR ELEVATIONS
A4.1 EXTERIOR SITE DETAILS
A4.2 EXTERIOR FINISHES
A6.0 SITE LIGHTING CALCULATIONS
- LANDSCAPE:**
L01 LANDSCAPE & PARKING PLAN
L100 EXISTING LANDSCAPE PLAN
L101 EXISTING LANDSCAPE PLAN
L1201 LIBRARY LANDSCAPE ENLARGEMENT PLAN
L1202 PARK LANDSCAPE ENLARGEMENT PLAN
L1203 PARK LANDSCAPE ENLARGEMENT PLAN
L1204 LIBRARY LANDSCAPE ENLARGEMENT PLAN
L1205 LIBRARY IRRIGATION SCOPE PLAN, ALTERNATE
L300 SITE DETAILS
L301 LANDSCAPE DETAILS
L302 PLANT DETAILS
L303 PLANT DETAILS & NOTES
- CIVIL:**
C000 CIVIL ENGINEERING COVER SHEET
C001 PAVED NOTES
C010 PAVED DRIVEWAY ENLARGEMENT PLAN
C100 SITE DEMOLITION PLAN
C200 SITE GEOMETRY PLAN
C300 SITE UTILITY PLAN
C301 SITE UTILITY PLAN
C302 SITE UTILITY PLAN
C303 SITE UTILITY PLAN
C304 SITE UTILITY PLAN
C305 SITE UTILITY PLAN
C306 SITE UTILITY PLAN
C307 SITE UTILITY PLAN
C308 SITE UTILITY PLAN
C309 SITE UTILITY PLAN
C310 SITE UTILITY PLAN
C311 SITE UTILITY PLAN
C312 SITE UTILITY PLAN
C313 SITE UTILITY PLAN
C314 SITE UTILITY PLAN
C315 SITE UTILITY PLAN
C316 SITE UTILITY PLAN
C317 SITE UTILITY PLAN
C318 SITE UTILITY PLAN
C319 SITE UTILITY PLAN
C320 SITE UTILITY PLAN
C321 SITE UTILITY PLAN
C322 SITE UTILITY PLAN
C323 SITE UTILITY PLAN
C324 SITE UTILITY PLAN
C325 SITE UTILITY PLAN
C326 SITE UTILITY PLAN
C327 SITE UTILITY PLAN
C328 SITE UTILITY PLAN
C329 SITE UTILITY PLAN
C330 SITE UTILITY PLAN
C331 SITE UTILITY PLAN
C332 SITE UTILITY PLAN
C333 SITE UTILITY PLAN
C334 SITE UTILITY PLAN
C335 SITE UTILITY PLAN
C336 SITE UTILITY PLAN
C337 SITE UTILITY PLAN
C338 SITE UTILITY PLAN
C339 SITE UTILITY PLAN
C340 SITE UTILITY PLAN
C341 SITE UTILITY PLAN
C342 SITE UTILITY PLAN
C343 SITE UTILITY PLAN
C344 SITE UTILITY PLAN
C345 SITE UTILITY PLAN
C346 SITE UTILITY PLAN
C347 SITE UTILITY PLAN
C348 SITE UTILITY PLAN
C349 SITE UTILITY PLAN
C350 SITE UTILITY PLAN
C351 SITE UTILITY PLAN
C352 SITE UTILITY PLAN
C353 SITE UTILITY PLAN
C354 SITE UTILITY PLAN
C355 SITE UTILITY PLAN
C356 SITE UTILITY PLAN
C357 SITE UTILITY PLAN
C358 SITE UTILITY PLAN
C359 SITE UTILITY PLAN
C360 SITE UTILITY PLAN
C361 SITE UTILITY PLAN
C362 SITE UTILITY PLAN
C363 SITE UTILITY PLAN
C364 SITE UTILITY PLAN
C365 SITE UTILITY PLAN
C366 SITE UTILITY PLAN
C367 SITE UTILITY PLAN
C368 SITE UTILITY PLAN
C369 SITE UTILITY PLAN
C370 SITE UTILITY PLAN
C371 SITE UTILITY PLAN
C372 SITE UTILITY PLAN
C373 SITE UTILITY PLAN
C374 SITE UTILITY PLAN
C375 SITE UTILITY PLAN
C376 SITE UTILITY PLAN
C377 SITE UTILITY PLAN
C378 SITE UTILITY PLAN
C379 SITE UTILITY PLAN
C380 SITE UTILITY PLAN
C381 SITE UTILITY PLAN
C382 SITE UTILITY PLAN
C383 SITE UTILITY PLAN
C384 SITE UTILITY PLAN
C385 SITE UTILITY PLAN
C386 SITE UTILITY PLAN
C387 SITE UTILITY PLAN
C388 SITE UTILITY PLAN
C389 SITE UTILITY PLAN
C390 SITE UTILITY PLAN
C391 SITE UTILITY PLAN
C392 SITE UTILITY PLAN
C393 SITE UTILITY PLAN
C394 SITE UTILITY PLAN
C395 SITE UTILITY PLAN
C396 SITE UTILITY PLAN
C397 SITE UTILITY PLAN
C398 SITE UTILITY PLAN
C399 SITE UTILITY PLAN
C400 SITE UTILITY PLAN
C401 SITE UTILITY PLAN
C402 SITE UTILITY PLAN
C403 SITE UTILITY PLAN
C404 SITE UTILITY PLAN
C405 SITE UTILITY PLAN
C406 SITE UTILITY PLAN
C407 SITE UTILITY PLAN
C408 SITE UTILITY PLAN
C409 SITE UTILITY PLAN
C410 SITE UTILITY PLAN
C411 SITE UTILITY PLAN
C412 SITE UTILITY PLAN
C413 SITE UTILITY PLAN
C414 SITE UTILITY PLAN
C415 SITE UTILITY PLAN
C416 SITE UTILITY PLAN
C417 SITE UTILITY PLAN
C418 SITE UTILITY PLAN
C419 SITE UTILITY PLAN
C420 SITE UTILITY PLAN
C421 SITE UTILITY PLAN
C422 SITE UTILITY PLAN
C423 SITE UTILITY PLAN
C424 SITE UTILITY PLAN
C425 SITE UTILITY PLAN
C426 SITE UTILITY PLAN
C427 SITE UTILITY PLAN
C428 SITE UTILITY PLAN
C429 SITE UTILITY PLAN
C430 SITE UTILITY PLAN
C431 SITE UTILITY PLAN
C432 SITE UTILITY PLAN
C433 SITE UTILITY PLAN
C434 SITE UTILITY PLAN
C435 SITE UTILITY PLAN
C436 SITE UTILITY PLAN
C437 SITE UTILITY PLAN
C438 SITE UTILITY PLAN
C439 SITE UTILITY PLAN
C440 SITE UTILITY PLAN
C441 SITE UTILITY PLAN
C442 SITE UTILITY PLAN
C443 SITE UTILITY PLAN
C444 SITE UTILITY PLAN
C445 SITE UTILITY PLAN
C446 SITE UTILITY PLAN
C447 SITE UTILITY PLAN
C448 SITE UTILITY PLAN
C449 SITE UTILITY PLAN
C450 SITE UTILITY PLAN
C451 SITE UTILITY PLAN
C452 SITE UTILITY PLAN
C453 SITE UTILITY PLAN
C454 SITE UTILITY PLAN
C455 SITE UTILITY PLAN
C456 SITE UTILITY PLAN
C457 SITE UTILITY PLAN
C458 SITE UTILITY PLAN
C459 SITE UTILITY PLAN
C460 SITE UTILITY PLAN
C461 SITE UTILITY PLAN
C462 SITE UTILITY PLAN
C463 SITE UTILITY PLAN
C464 SITE UTILITY PLAN
C465 SITE UTILITY PLAN
C466 SITE UTILITY PLAN
C467 SITE UTILITY PLAN
C468 SITE UTILITY PLAN
C469 SITE UTILITY PLAN
C470 SITE UTILITY PLAN
C471 SITE UTILITY PLAN
C472 SITE UTILITY PLAN
C473 SITE UTILITY PLAN
C474 SITE UTILITY PLAN
C475 SITE UTILITY PLAN
C476 SITE UTILITY PLAN
C477 SITE UTILITY PLAN
C478 SITE UTILITY PLAN
C479 SITE UTILITY PLAN
C480 SITE UTILITY PLAN
C481 SITE UTILITY PLAN
C482 SITE UTILITY PLAN
C483 SITE UTILITY PLAN
C484 SITE UTILITY PLAN
C485 SITE UTILITY PLAN
C486 SITE UTILITY PLAN
C487 SITE UTILITY PLAN
C488 SITE UTILITY PLAN
C489 SITE UTILITY PLAN
C490 SITE UTILITY PLAN
C491 SITE UTILITY PLAN
C492 SITE UTILITY PLAN
C493 SITE UTILITY PLAN
C494 SITE UTILITY PLAN
C495 SITE UTILITY PLAN
C496 SITE UTILITY PLAN
C497 SITE UTILITY PLAN
C498 SITE UTILITY PLAN
C499 SITE UTILITY PLAN
C500 SITE UTILITY PLAN

EXTERIOR RENDERING



EXTERIOR RENDERING



EXTERIOR RENDERING



ARCHITECT:
ARCHITECTURE + DESIGN
811 WEST EVERGREEN
SUITE 405
TOWER 200, 10700
T (847) 882-2201
F (847) 882-2285

MEEP FP:
2010 ENGINEERING GROUP, LLC
1216 TOWER ROAD
SCHMIDTOWN, IL 60173
T (847) 882-2201
F (847) 882-2281

STRUCTURAL:
JOHNSON WILBUR ADAMS INC
338 S WAREVILLE RD
SUITE 300
MORRIS, IL 60110
T (815) 653-9060
F (815) 653-9059
944.00578 EXPENSE (64.8)2019

CIVIL:
ERIKSON ENGINEERING ASSOCIATES LTD
146 COMMERCE DR
SHERIDAN, IL 60187
T (847) 223-4864
F (847) 223-4864
944.00578 EXPENSE (64.8)2019

LANDSCAPE:
JACOBS / RVAN ASSOCIATES
1527 SANGBORG TERRACE
CHICAGO, IL 60610

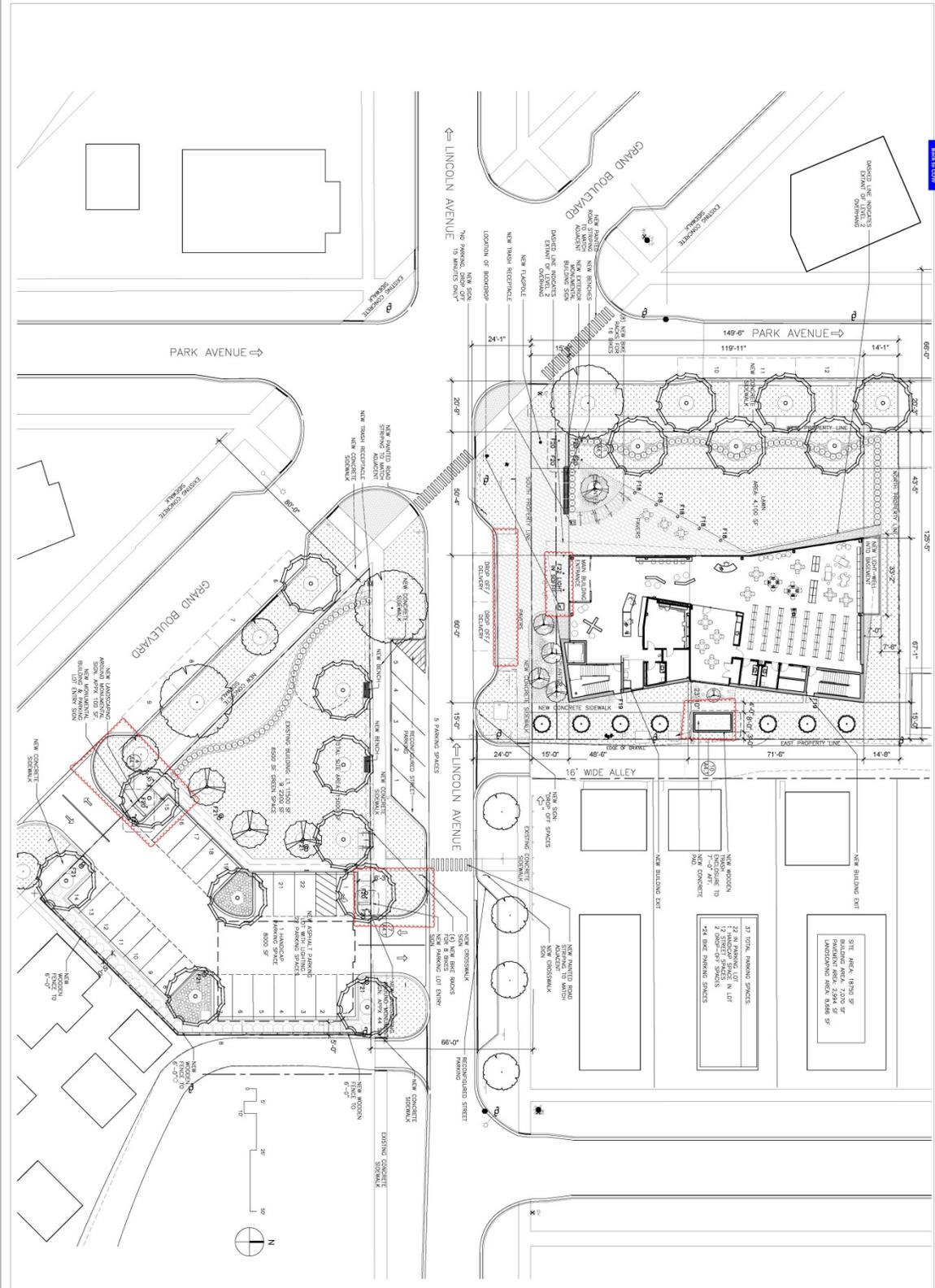
Product architecture + design
811 West Evergreen Ave Suite 405 Tower 200, 10700
Chicago, IL 60610
T (847) 882-2201
F (847) 882-2285

Project:
linda sokol francis
brookfield library
3541 park avenue,
brookfield, IL 60513

Drawing:
cover sheet

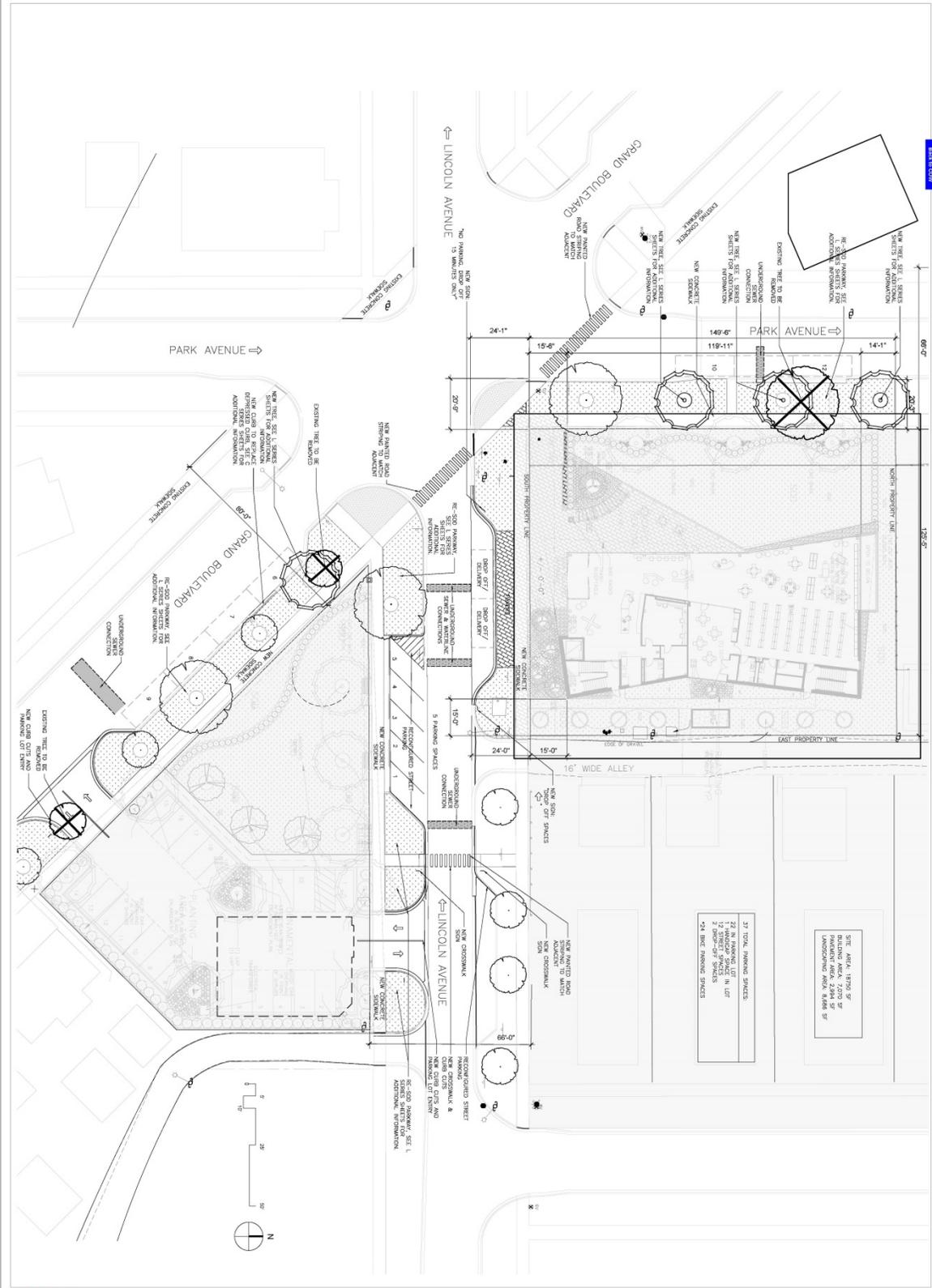
Sheet: A0.0 of 1

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



| | | |
|---|--|---|
| <p>A1.0</p> <p>Sheet _____ of _____</p> | <p>project: linda sokol francis brookfield library 3541 park avenue, brookfield, IL 60513</p> | <p>drawing: architectural site plan</p> |
| <p>product architecture • design</p> <p>811 s. averyton ave. suite 402 chicago, illinois 60607 phone: 773.227.2200 fax: 773.227.2201 www.productdesign.com</p> | | |

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



A1.1

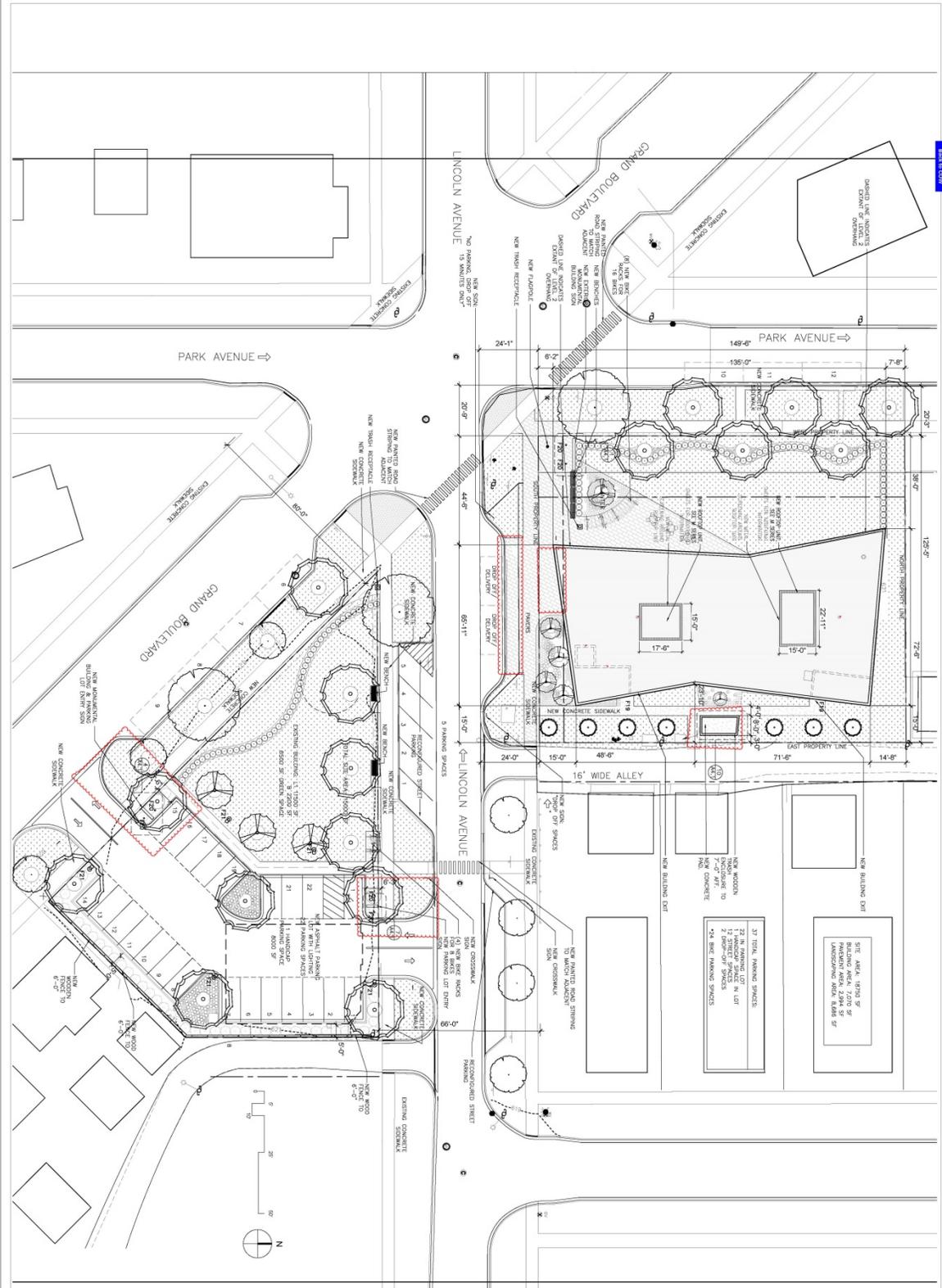
project:
**linda sokol francis
 brookfield library**
 3541 park avenue,
 brookfield, IL 60513

drawing:
**architectural site plan
 right of way site work**

| | |
|---|--|
| 37 TOTAL PARKING SPACES: 22 IN PARKING LOT # 1 12 IN STREET PARKING 3 IN BIKE PARKING SPACES | SITE AREA: 18700 SF BUILDING AREA: 2304 SF UNDEVELOPED AREA: 8468 SF |
|---|--|

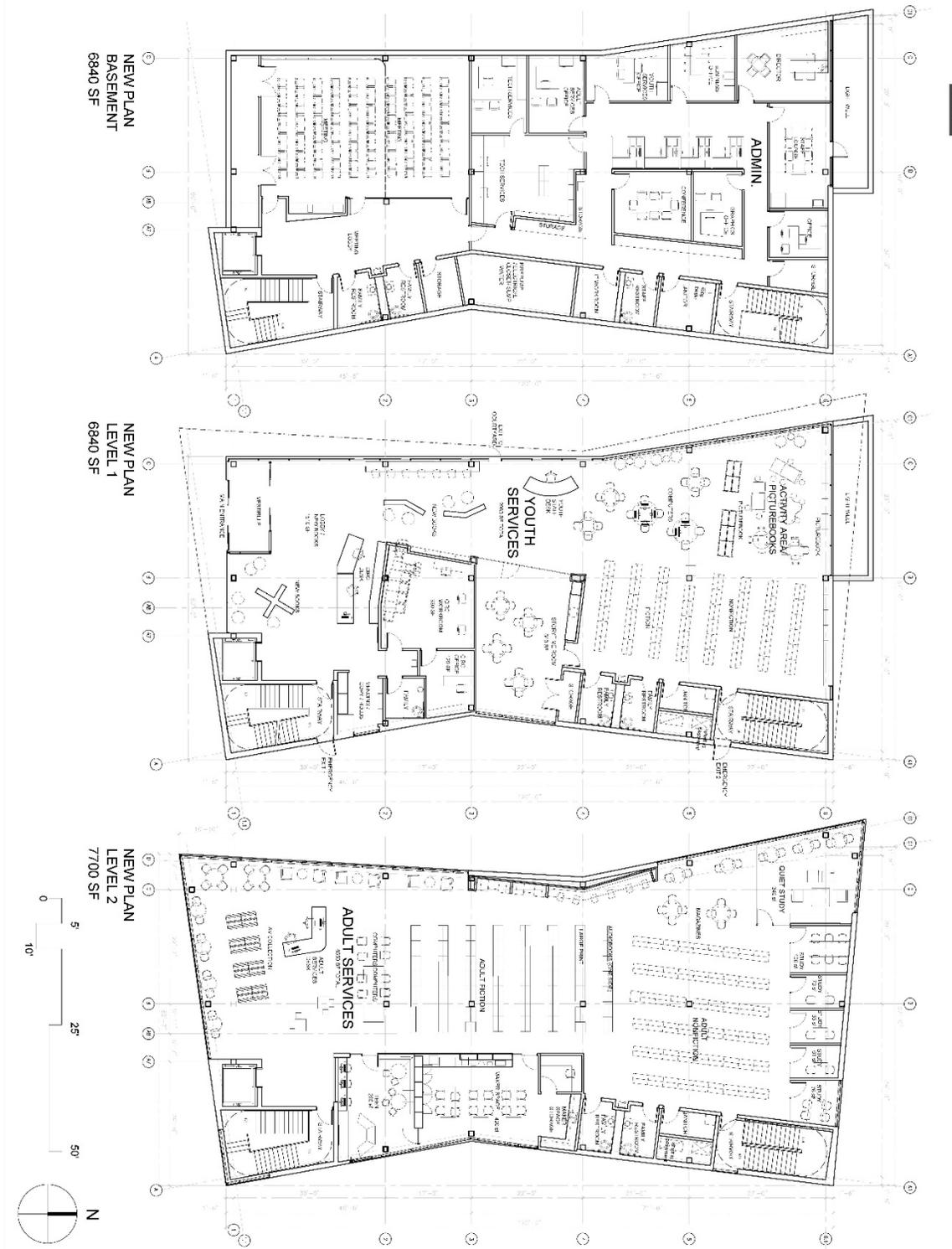
| |
|---|
| product architectural • design 811 S. WASHINGTON AVE. SUITE 402 CHICAGO, IL 60607 TEL: (773) 525-2200 FAX: (773) 525-2201 WWW.PRODUCTARCHITECTURE.COM |
|---|

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



| | | | |
|--|---|--|---|
| <p>A2.0</p> <p>Sheet _____ of _____</p> | <p>project: linda sokol francis brookfield library 3541 park avenue, brookfield, IL 60513</p> | <p>drawing: architectural site plan / roof</p> | <p>product architecture + design</p> <p>811 s. averyman ave. suite 402 chicago ill 60607 tel: 773.222.2000 fax: 773.222.2001 www.product.com</p> |
|--|---|--|---|

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



| | | |
|--|---|--|
| <p>A3.0</p> <p>Sheet 1 of 1</p> | <p>product architectural • design</p> <p>311 E. CAMPBELL AVE. CHICAGO, IL 60610 TEL: 312.222.2271 FAX: 312.222.2271 WWW.PRODUCT.COM</p> | <p>drawing: building floorplans</p> |
| | <p>project: linda sokol francis brookfield library 3541 park avenue, brookfield, IL 60513</p> | <p>DATE: 08/11/11</p> <p>DESIGNER: []</p> <p>ARCHITECT: []</p> <p>ENGINEER: []</p> <p>CONTRACTOR: []</p> |

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

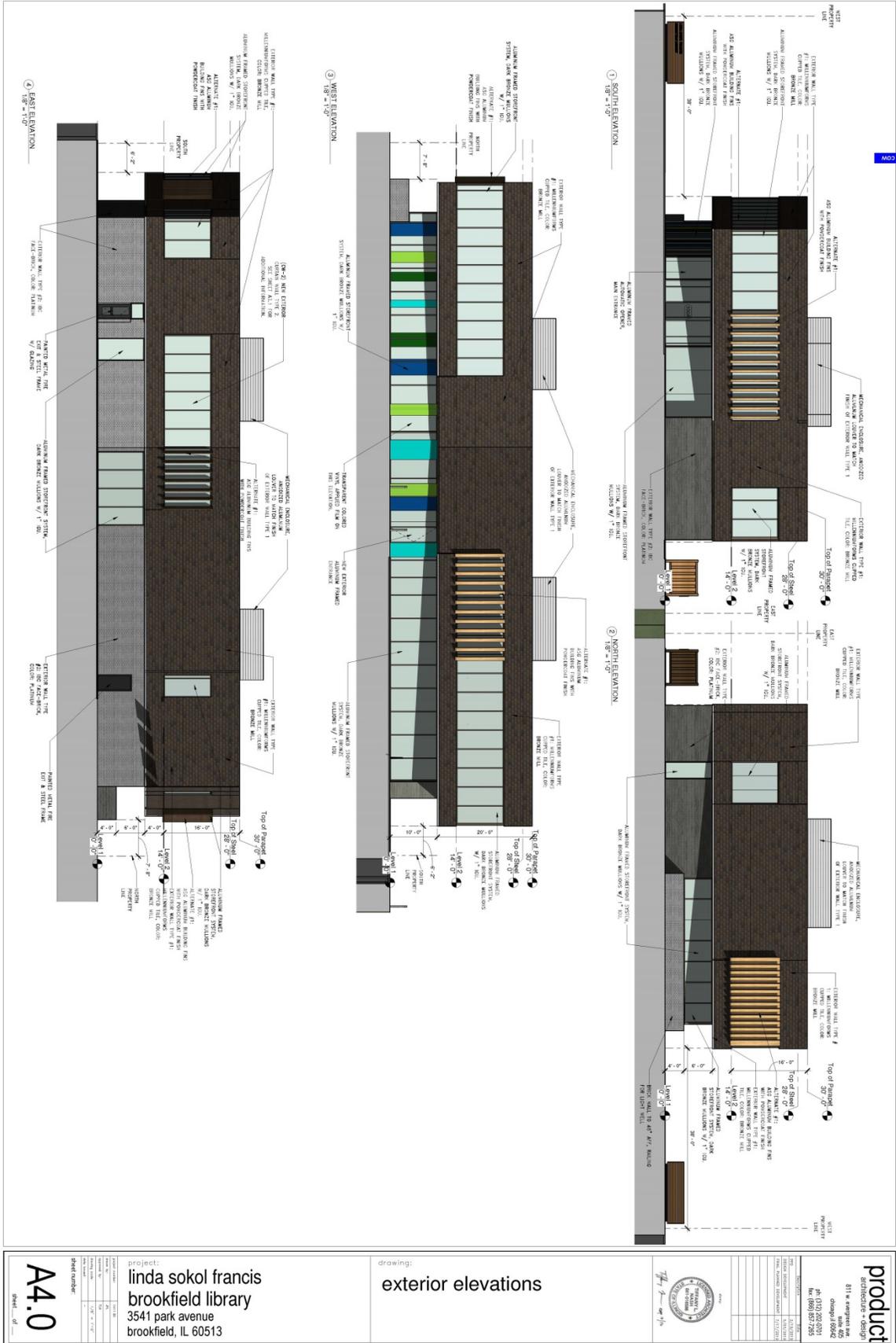


EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

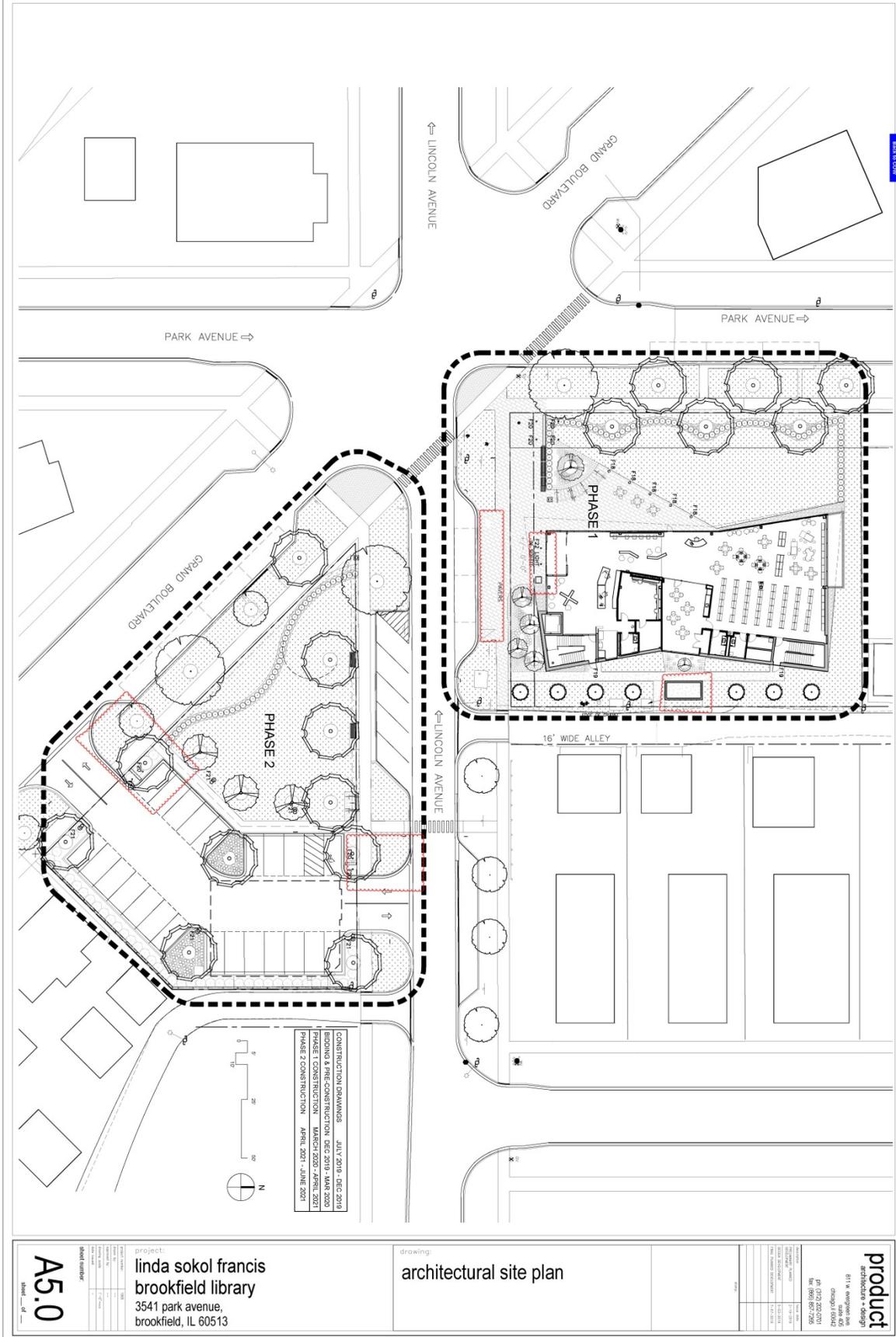
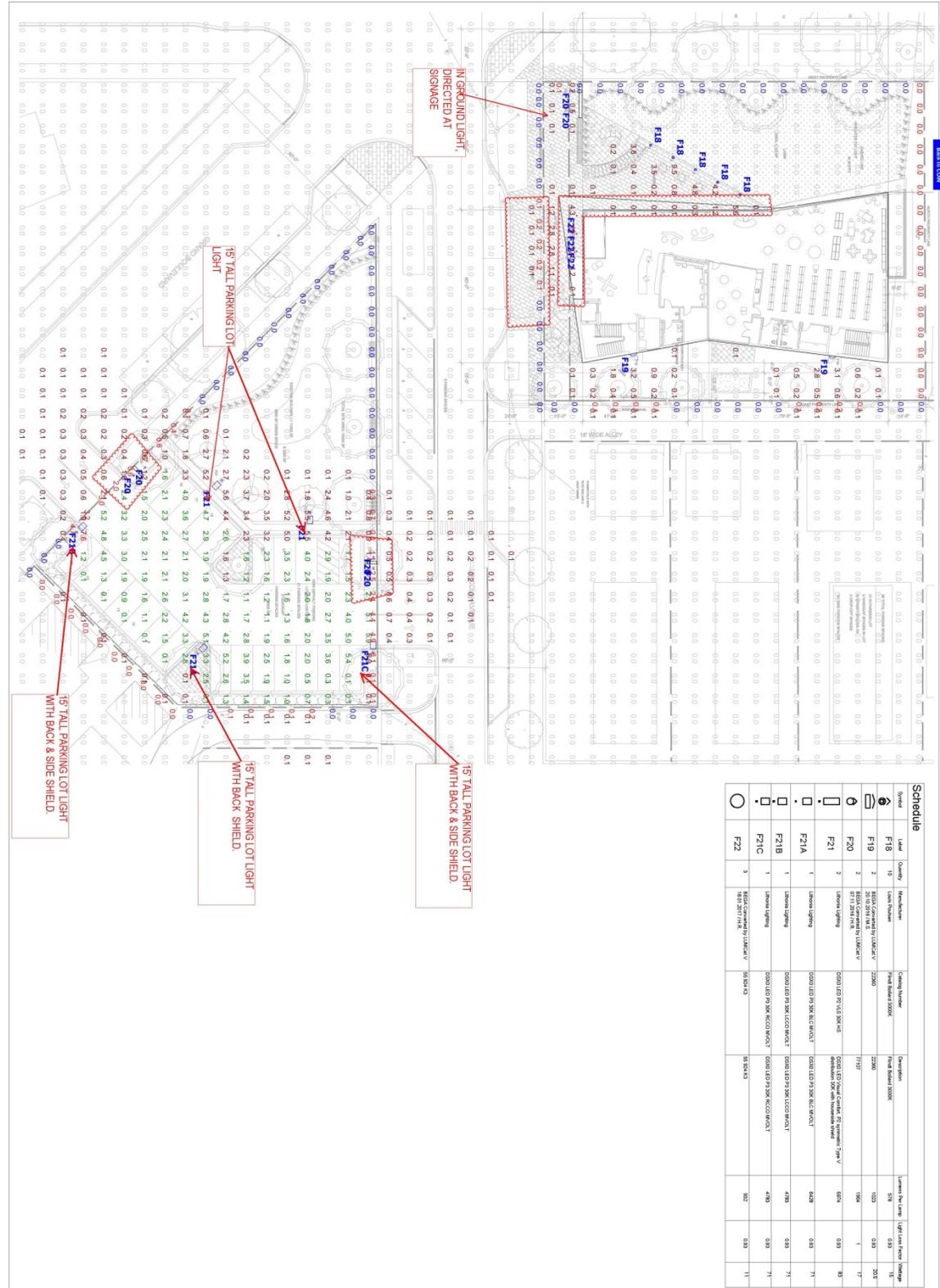


EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



| Symbol | Fixture | Quantity | Manufacturer | Product Name | Manufacturer | Product Name | Notes | Notes |
|--------|---------|----------|--------------|---|--------------|---|---|---|
| ○ | F19 | 15 | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD |
| ○ | F20 | 2 | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD |
| ○ | F21 | 2 | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD |
| ○ | F21A | 1 | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD |
| ○ | F21B | 1 | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD |
| ○ | F21C | 1 | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD |
| ○ | F22 | 3 | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD | IESI 15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD |

project:
linda sokol francis
brookfield library
 3541 park avenue,
 brookfield, IL 60513

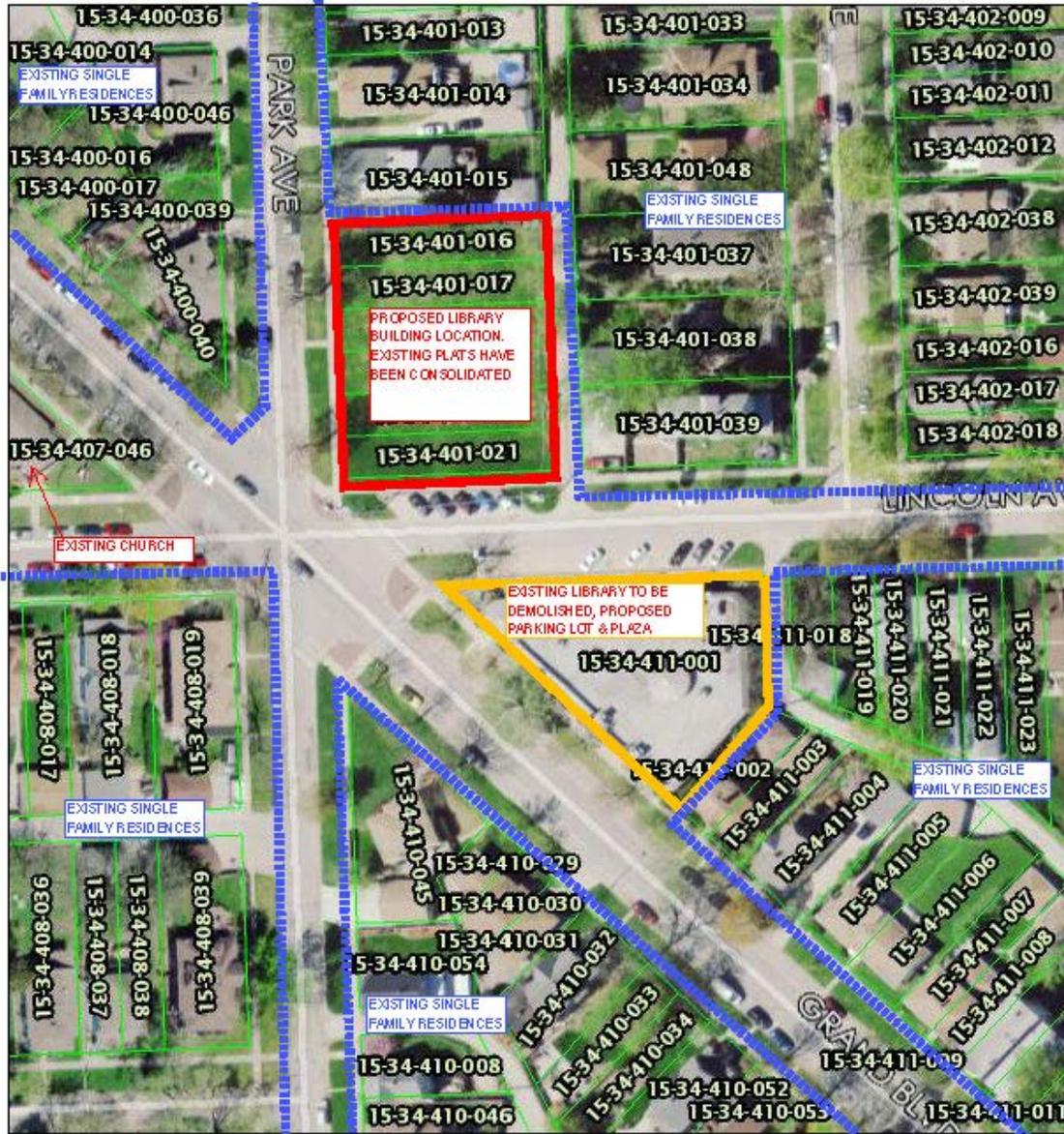
drawing:
exterior lighting calcs

product
 IES15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD
 IES15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD
 IES15' TALL PARKING LOT LIGHT WITH BACK & SIDE SHIELD

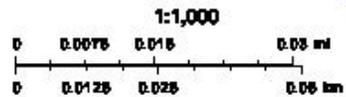
EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

Back to COW

Cook County CookViewer



August 14, 2019



Cook County GIS Dept

©2019 Cook County. All Cook County geospatial data and maps are copyrighted. All materials appearing on this web site are transmitted without warranty of any kind and are subject to the terms of the disclaimer.

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

GRAPHIC SCALE

1" = 20'

BROOKFIELD LIBRARY PLAT OF CONSOLIDATION

LOTS 25, 26, 27, 28, 29 AND 30 IN BLOCK 8 IN CROSSDALE, BEING A SUBDIVISION OF THE SOUTHEAST 1/4 OF SECTION 24, TOWNSHIP 39 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS
CONTAINING: 18,749.66 sq. ft. (0.43 acres)

P. L. N.: 18-34-401-016
-017
-018
-019
-020
-021

OWNER'S CERTIFICATE

STATE OF ILLINOIS) SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT THE UNDERSIGNED ARE THE AUTHORIZED REPRESENTATIVES OF BROOKFIELD PUBLIC LIBRARY WHICH IS THE OWNER OF THE FEE OF THE LAND HERIN DESCRIBED IN THIS PLAT OF CONSOLIDATION, AND HAS CAUSED THE SAME TO BE PLATTED AND RECORDED AS HEREON FOR THE USES AND PURPOSES THEREIN SET FORTH AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

DATED AT _____, ILLINOIS, THIS _____ DAY OF _____, A.D. 20____

BY: _____ (NAME) ATTEST: _____ (NAME)
_____, (TITLE) _____ (TITLE)

NOTARY PUBLIC CERTIFICATE

STATE OF ILLINOIS) SS
COUNTY OF _____)

I, _____, A NOTARY PUBLIC IN AND FOR SAID COUNTY DO HEREBY CERTIFY THAT _____ (NAME) AS _____ (TITLE) AND _____ (NAME) AS _____ (TITLE) OF BROOKFIELD PUBLIC LIBRARY, WHO ARE PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS WHOSE NAMES ARE SUBSCRIBED TO THE FOREGOING INSTRUMENT AND APPEARED BEFORE ME, THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THIS PLAT OF CONSOLIDATION AS THEIR OWN FREE AND VOLUNTARY ACT AND AS THEIR FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH AND HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON SHOWN.

EVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, A.D. 2019.

BY: _____
NOTARY PUBLIC

VILLAGE OF BROOKFIELD, ILLINOIS - CHIEF BUILDING INSPECTOR

STATE OF ILLINOIS) SS
COUNTY OF COOK)

THIS PLAT OF CONSOLIDATION IS HEREBY APPROVED BY THE CHIEF BUILDING INSPECTOR OF THE VILLAGE OF BROOKFIELD, ILLINOIS THIS _____ DAY OF _____, A.D. 20____.

BY: _____
PAUL TRUDEAU, CHIEF BUILDING INSPECTOR

VILLAGE OF BROOKFIELD, ILLINOIS - VILLAGE ATTORNEY

STATE OF ILLINOIS) SS
COUNTY OF COOK)

THIS PLAT OF CONSOLIDATION IS HEREBY APPROVED BY THE VILLAGE ATTORNEY OF THE VILLAGE OF BROOKFIELD, ILLINOIS THIS _____ DAY OF _____, A.D. 2019.

BY: _____
RICHARD J. RAMELLO, VILLAGE ATTORNEY

VILLAGE OF BROOKFIELD, ILLINOIS - COLLECTOR

STATE OF ILLINOIS) SS
COUNTY OF COOK)

I, DOUG COOPER, COLLECTOR OF THE VILLAGE OF BROOKFIELD, ILLINOIS, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT OR UNPAID CURRENT OR FORFEITED SPECIAL ASSESSMENTS OR ANY DEFERRED INSTALLMENTS THEREOF THAT HAVE BEEN APPORTIONED AGAINST THE PROPERTY INCLUDED IN THE PLAT HEREON DRAWN.

THIS _____ DAY OF _____, A.D. 2019.

BY: _____
DOUG COOPER, COLLECTOR

VILLAGE OF BROOKFIELD, ILLINOIS - PLANNING AND ZONING COMMISSION

STATE OF ILLINOIS) SS
COUNTY OF COOK)

THIS PLAT OF CONSOLIDATION IS HEREBY APPROVED BY THE PLANNING AND ZONING COMMISSION OF THE VILLAGE OF BROOKFIELD, ILLINOIS THIS _____ DAY OF _____, A.D. 2019.

BY: _____
CHAIRMAN

ATTEST: _____
SECRETARY

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS) SS
COUNTY OF ILLINOIS)

THIS IS TO CERTIFY THAT I, JOSEPH F. GENTILE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED, SUBDIVIDED AND PLATTED FOR THE USES AND PURPOSES THEREIN SET FORTH THE LAND DESCRIBED IN THIS PLAT OF CONSOLIDATION, WHICH IS A REPRESENTATION OF THE CONSOLIDATION OF THE LOTS DESCRIBED THEREIN.

ALL DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF AND DRAWN TO SCALE.

I FURTHER CERTIFY THAT THE LANDS DESCRIBED ABOVE LIE WITHIN THE CORPORATE LIMITS OF THE VILLAGE OF BROOKFIELD, COOK COUNTY, ILLINOIS, WHICH HAS AUTHORIZED A COMPREHENSIVE PLAN AND IS EXERCISING THE POWERS GRANTED BY THE STATE OF ILLINOIS PURSUANT TO 65 ILCS 5/11-12-6 AS HEREIN BEFORE AND HEREAFTER AMENDED.

I FURTHER CERTIFY THAT NO PORTION OF THE PLATTED LANDS FALL IN A DESIGNATED FLOOD HAZARD AREA, ACCORDING TO AND DEFINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY AS SHOWN ON FLOOD INSURANCE RATE MAP NO. 170310474L EFFECTIVE DATE AUGUST 19, 2006.

EVEN UNDER MY HAND AND SEAL THIS 21 DAY OF JUNE A.D. 2019, AT LOMBARD, ILLINOIS.

JOSEPH F. GENTILE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2925

STATE OF ILLINOIS) SS
COUNTY OF COOK)

THIS PLAT OF CONSOLIDATION IS HEREBY APPROVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BROOKFIELD, ILLINOIS THIS _____ DAY OF _____, A.D. 2019.

BY: _____
KIT P. KETONMARK, VILLAGE PRESIDENT

ATTEST: _____
BROD WEBER, VILLAGE CLERK

COOK COUNTY, ILLINOIS - CLERK

STATE OF ILLINOIS) SS
COUNTY OF COOK)

I, DAVID ORSI, CLERK OF THE COUNTY OF COOK, ILLINOIS, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT TAXES, NO UNPAID FORFEITED TAXES, NO CURRENT GENERAL TAXES AND NO RECEIVABLE TAX SALES AGAINST THE LAND OR ANY PORTION THEREOF AGAINST THE PROPERTY INCLUDED IN THE PLAT HEREON DRAWN.

I FURTHER CERTIFY THAT THE COOK COUNTY CLERK'S OFFICE HAVE RECEIVED ALL STATUTORY FEES IN CONNECTION WITH THIS PLAT OF CONSOLIDATION.

EVEN UNDER MY HAND AND SEAL THIS _____ DAY OF _____, A.D. 2019.

BY: _____
KAREN A. YARBROUGH, CLERK OF THE COUNTY OF COOK, ILLINOIS

GENTILE & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
206 E. 31ST SQUARE PLACE
LOMBARD, ILLINOIS 60148
PHONE (815) 918-6282

PREPARED FOR: BROOKFIELD PUBLIC LIBRARY
DRAWN BY: MNG
ORDER NO.: 18-20168-19 CONS-REV 2

| | | | |
|-----|------------|---|-----|
| NO. | DATE | REVISIONS | BY |
| 1 | 06/21/2019 | INITIAL PLAN FOR RECORDING AND REVISIONS | MNG |
| 2 | 06/21/2019 | REVISIONS TO CORRECT ERRORS AND REVISIONS | MNG |

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

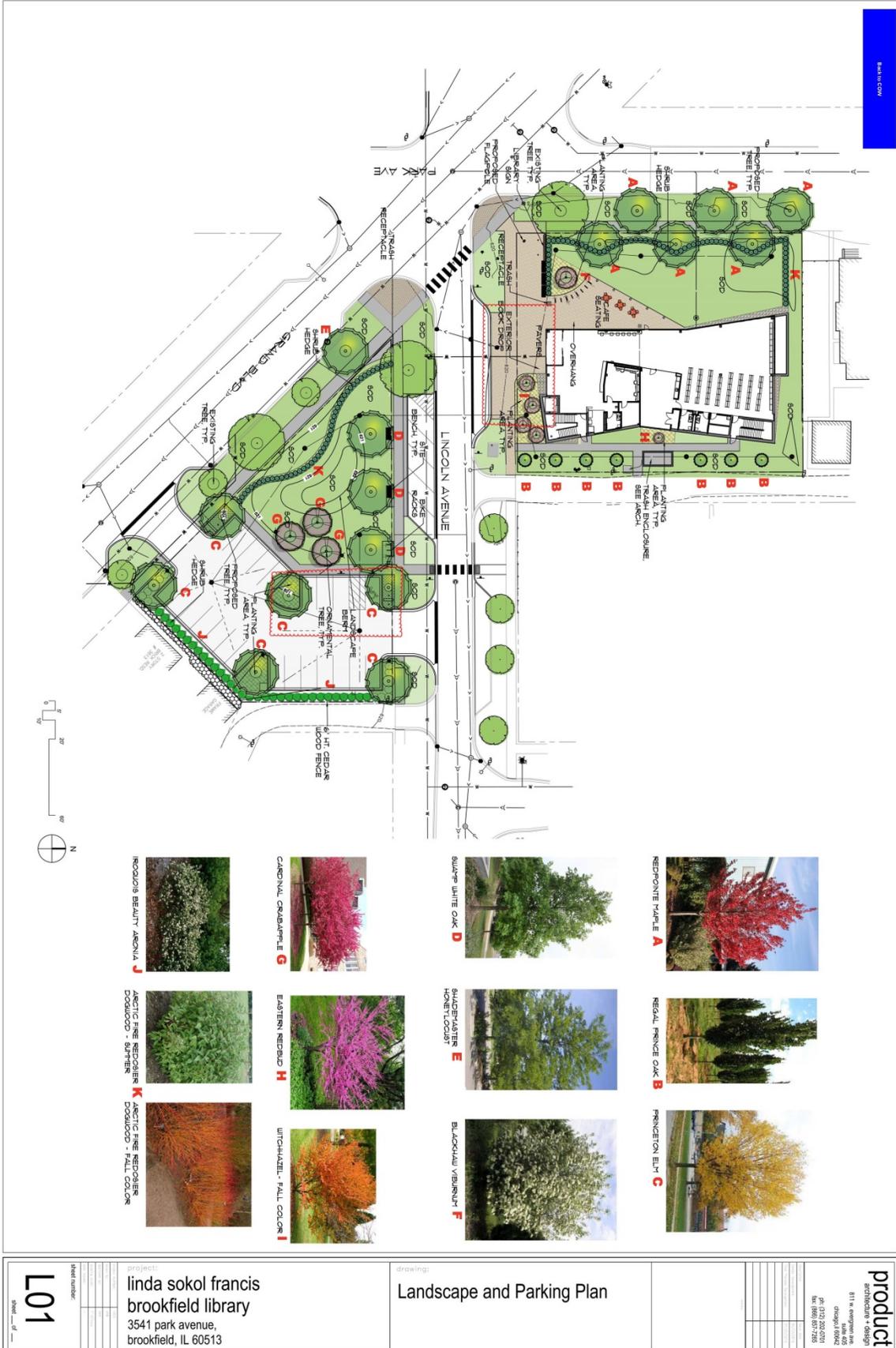
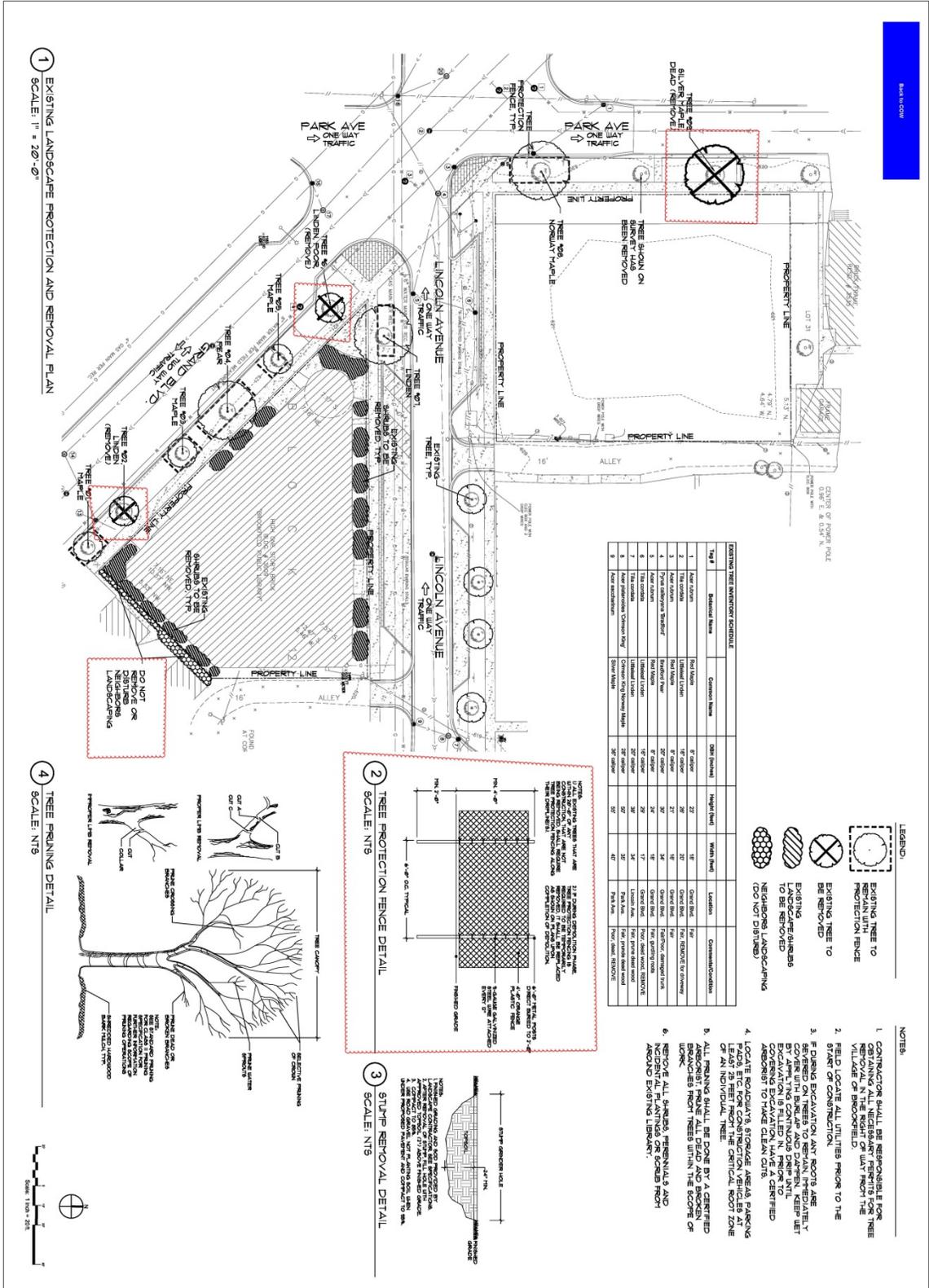


EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



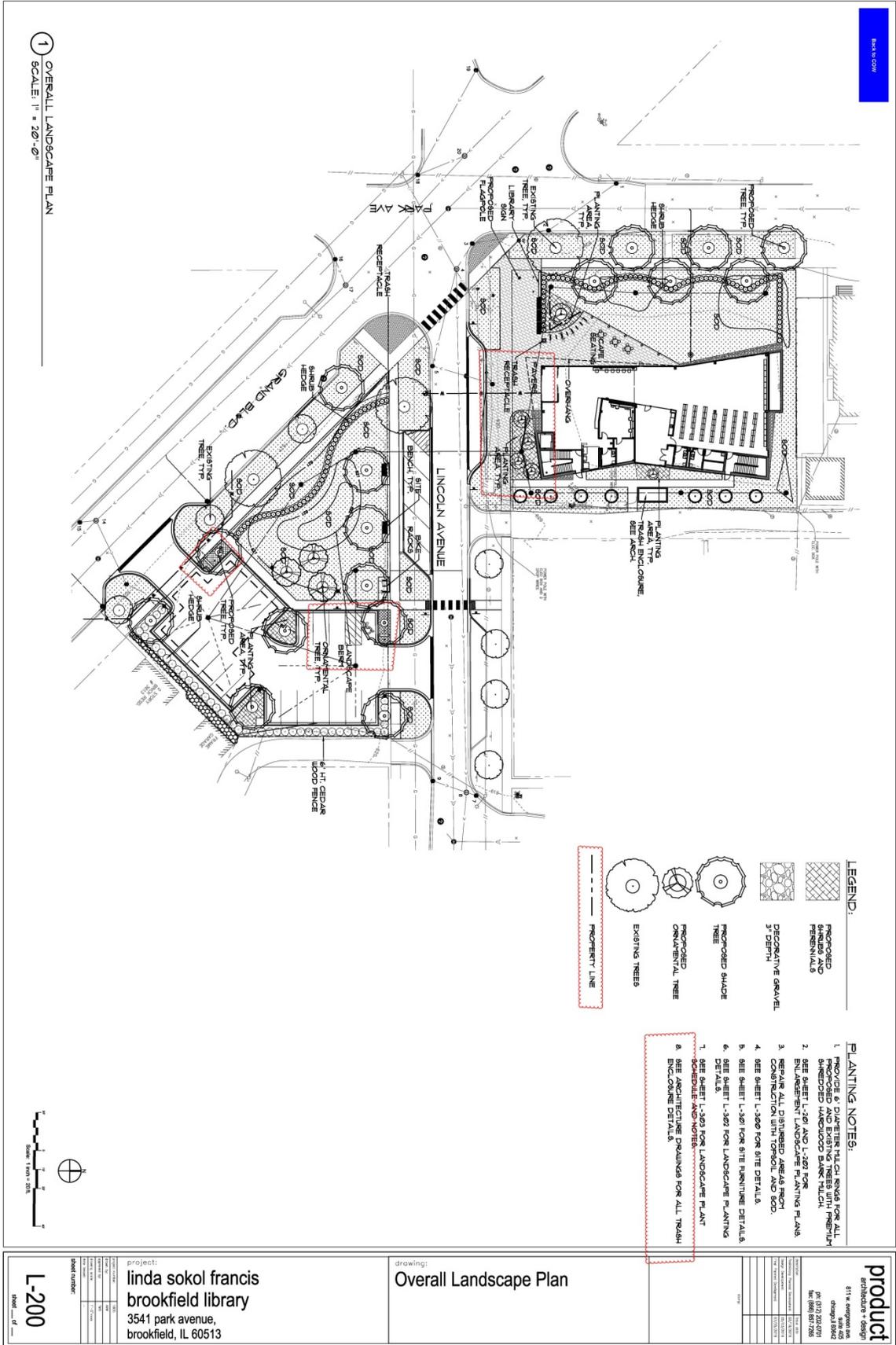
project: linda sokol francis
brookfield library
3541 park avenue,
brookfield, IL 60513

drawing: Existing Landscape Plan

product
811x emp
ps 010 202/011
dps 010 0002
mc 008 817/28

L-100

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



1 OVERALL LANDSCAPE PLAN
SCALE: 1" = 20'-0"

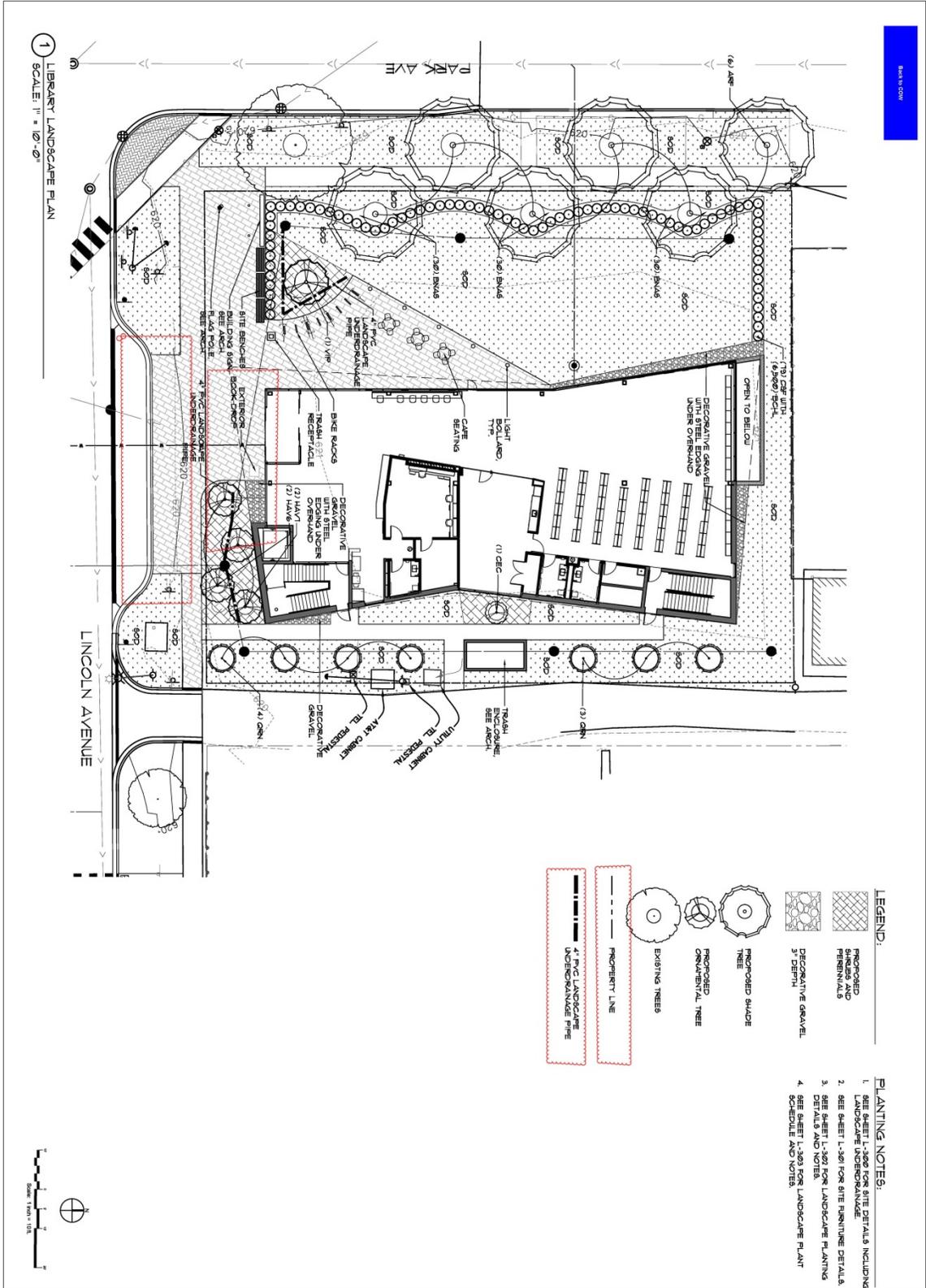
DATE: 03/20/2014

- LEGEND:**
- PROPOSED AND EXISTING PLANTS AND MATERIALS
 - DECORATIVE GRAVEL
 - PROPOSED SHADE TREE
 - PROPOSED ORNAMENTAL TREE
 - EXISTING TREES
 - PROPERTY LINE

- PLANTING NOTES:**
1. SEE SHEET L-200 FOR ALL PROPOSED AND EXISTING TREES WITH PRELIMINARY PLACEMENT.
 2. SEE SHEET L-201 AND L-202 FOR BUILDING LANDSCAPE PLANTING PLANS.
 3. REPAIR ALL DISTURBED AREAS FROM CONSTRUCTION WITH TOPSOIL AND SOG.
 4. SEE SHEET L-200 FOR SITE DETAILS.
 5. SEE SHEET L-201 FOR SITE FURNITURE DETAILS.
 6. SEE SHEET L-202 FOR LANDSCAPE PLANT DETAILS.
 7. SEE SHEET L-203 FOR LANDSCAPE PLANT SCHEDULE AND NOTES.
 8. SEE ARCHITECTURE DRAWINGS FOR ALL TRASH ENCLOSURE DETAILS.

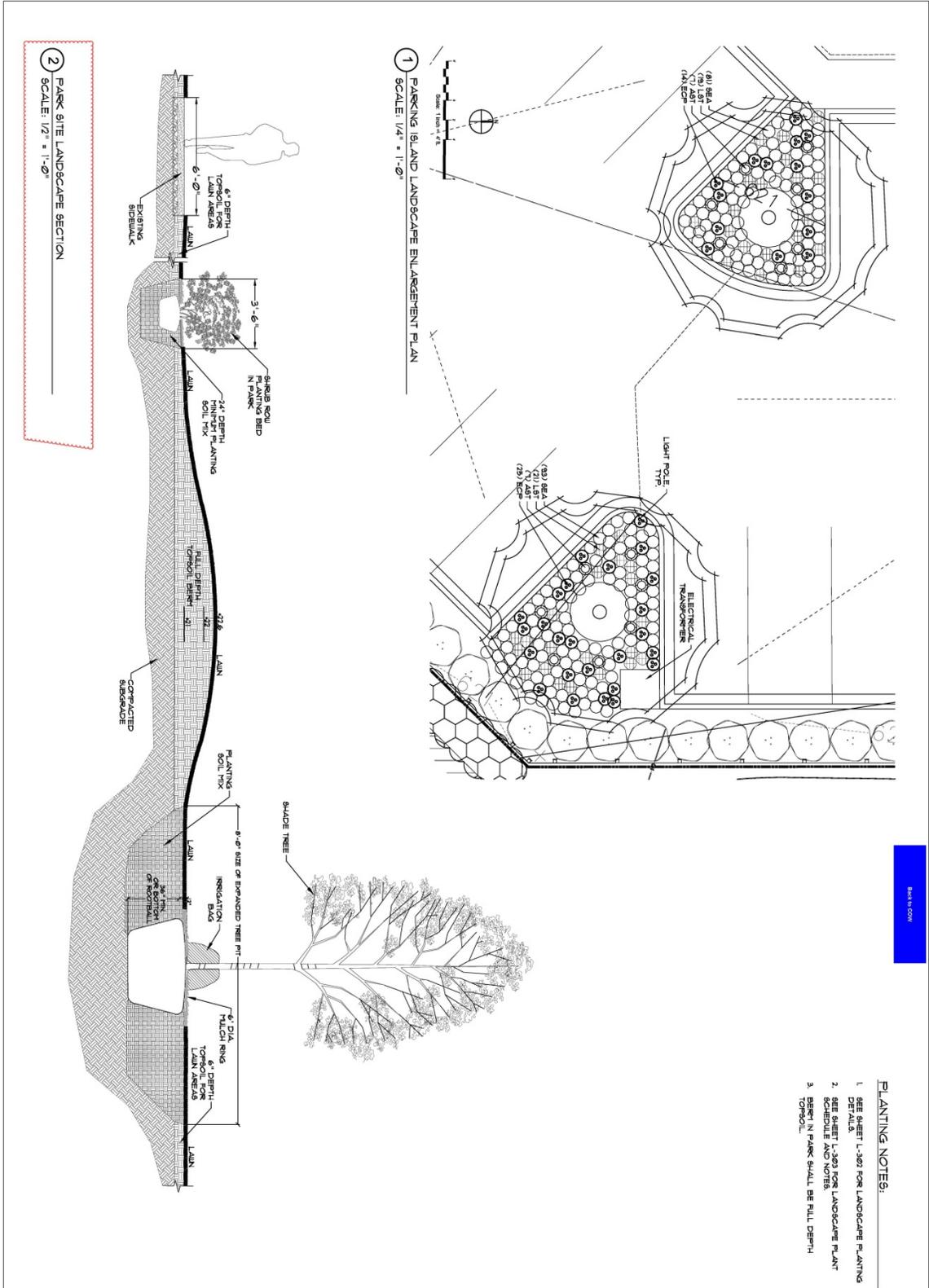
| | | | |
|---|--|--|---|
| <p>L-200</p> <p>Sheet 1 of 1</p> | <p>project: linda sokol francis brookfield library 3541 park avenue, brookfield, IL 60513</p> | <p>drawing: Overall Landscape Plan</p> | <p>product 811x eastgate ave itasca, il 60142 ph 630 202 0711 fax 630 202 0729 www.productinc.com</p> |
|---|--|--|---|

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



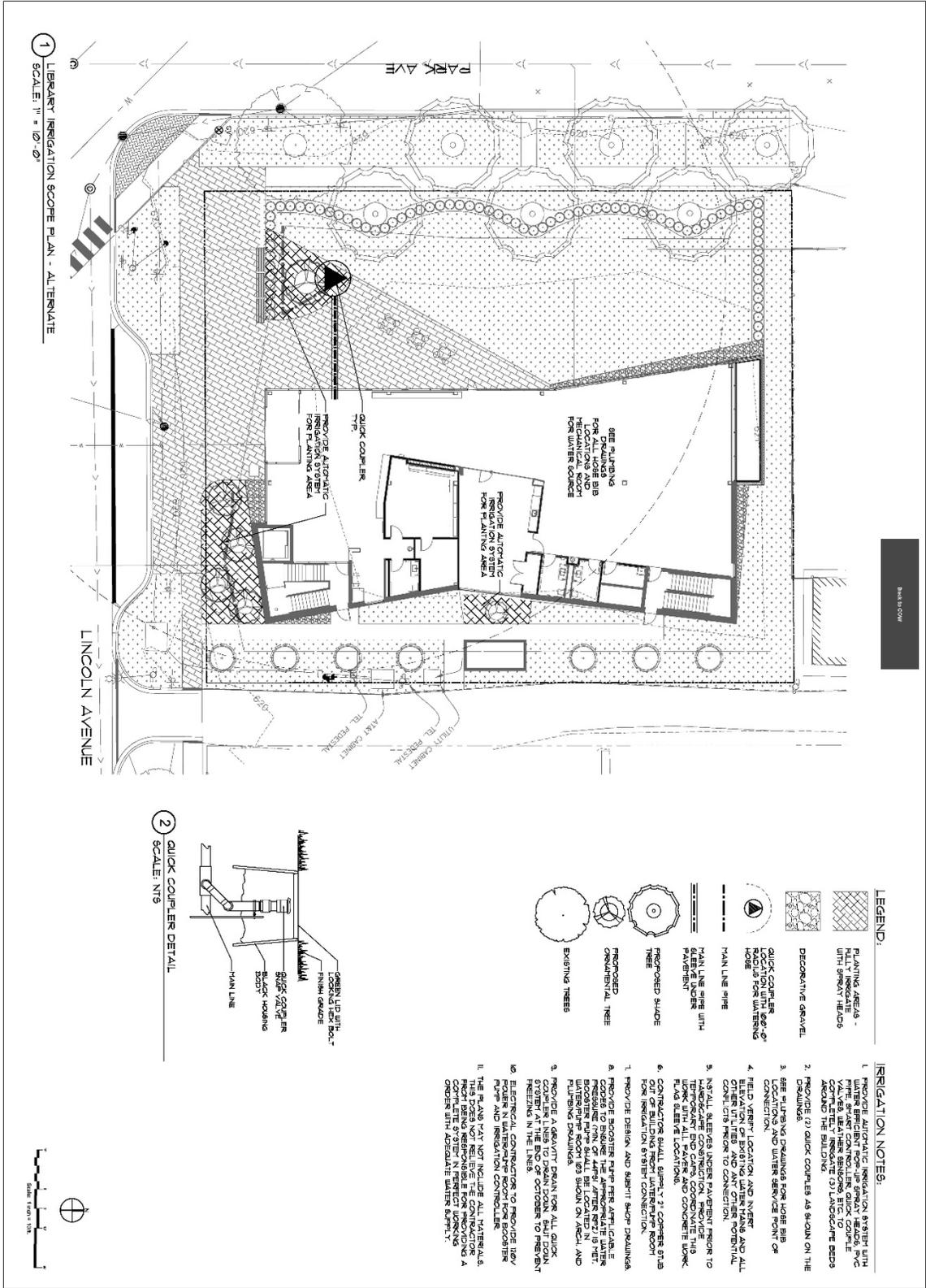
| | | | |
|-------------------------------------|---|--|--|
| <p>L-201</p> <p>Sheet of</p> | <p>project: linda sokol francis brookfield library 3541 park avenue, brookfield, IL 60513</p> | <p>drawing: Library Landscape Enlargement Plan</p> | <p>product architectural design 8111 east corporate drive chicago, illinois 60642 phone 773.202.0711 fax 773.202.0728 www.product.com</p> |
|-------------------------------------|---|--|--|

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

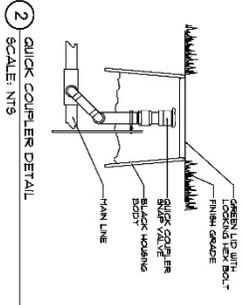


| | | | | | | | | | | | | |
|--|--|--|----------|-------|---------|----------|-------|--|--|--|--|--|
| <p>product 811 E. CAMPBELL AVE DUNDEE, IL 60118 PH: 815.202.0701 MC: 988.817.7263</p> | <p>drawing: Park Landscape Enlargement Plan</p> | <p>project: linda sokol francis brookfield library 3541 park avenue, brookfield, IL 60513</p> | | | | | | | | | | |
| <p>L-204 SHEET # of #</p> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">DATE</td> <td style="width: 20%;">BY</td> <td style="width: 20%;">CHECKED</td> <td style="width: 20%;">APPROVED</td> <td style="width: 20%;">TITLE</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table> | | DATE | BY | CHECKED | APPROVED | TITLE | | | | | |
| DATE | BY | CHECKED | APPROVED | TITLE | | | | | | | | |
| | | | | | | | | | | | | |

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT



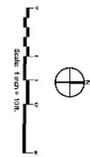
1 LIBRARY IRRIGATION SCOPE PLAN - ALTERNATE
SCALE: 1" = 10'-0"



2 QUICK COUPLER DETAIL
SCALE: NTS

- LEGEND:**
- PLANTING AREAS - FILL Y IRRIGATE WITH STRIP FIELDS
 - DECORATIVE GRAVEL
 - QUICK COUPLER
 - MAIN LINE PIPE
 - MAIN LINE PIPE WITH SLEEVE UNDER PAVEMENT
 - PROPOSED SHADE TREES
 - PROPOSED ORNAMENTAL TREES
 - EXISTING TREES

- IRRIGATION NOTES:**
1. PROVIDE AUTOMATIC IRRIGATION SYSTEM WITH WATER EFFICIENT PUMP, GRAPE HEADS, PVC PIPE, BATTERY CONTROLLED QUICK COUPLER COMPLETELY INSTALLED TO LANDSCAPE BEDS AROUND THE BUILDING.
 2. PROVIDE (2) QUICK COUPLERS AS SHOWN ON THE DRAWINGS.
 3. SEE PLUMBING DRAWINGS FOR HOSE BIB LOCATION AND WATER SERVICE POINT OF CONNECTION.
 4. FIELD VERIFY LOCATION AND INVERT ELEVATION OF EXISTING WATER MAINS AND ALL OTHER UTILITY LINES AND OBTAIN PERMIT FOR CONSTRUCTION.
 5. INSTALL SCHEDULE 40S RAINWATER PIPING TO IMPROVE AND CARES COORDINATE THIS CONSTRUCTION WITH CONCRETE WORK.
 6. CONTRACTOR SHALL SUPPLY 2" COPPER S70S FOR IRRIGATION SYSTEM CONNECTION.
 7. PROVIDE DESIGN AND SPLIT SHOP DRAWINGS.
 8. PROVIDE BOOSTER PUMP PER APPROVALS. COUPLER TO BE LOCATED IN THE IRRIGATION ROOM. WATER COUPLER SHALL BE LOCATED IN THE IRRIGATION ROOM AS SHOWN ON ARCH AND PLUMBING DRAWINGS.
 9. PROVIDE A REDUCER FROM ALL QUICK COUPLER LINES TO DRAIN DOWN SHUT DOWN SYSTEM AT THE END OF OPERATION TO PREVENT HOLDING IN THE LINES.
 10. ELECTRICAL CONTRACTOR TO PROVIDE NEW PUMP AND IRRIGATION CONTROLLER.
 11. THE PLAN MAY NOT INCLUDE ALL MATERIALS. THIS DOES NOT MEAN THE CONTRACTOR COMPLETE SYSTEM IN PERFECT WORKING ORDER WITH ADEQUATE WATER SUPPLY.



| | | | |
|---|---|---|---|
| <p>L-205</p> <p>Sheet of _____</p> | <p>linda sokol francis brookfield library 3541 park avenue, brookfield, IL 60513</p> | <p>Library Irrigation Scope Plan - Alternate</p> | <p>product 811 • 630.622.4633 www.productgroup.com pr: 630.202.0711 design: 630.211.1111 se: 630.211.1111 pe: 630.211.1111</p> |
|---|---|---|---|

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

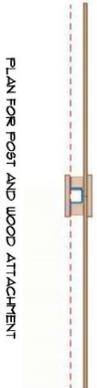
1 BOARD ON BOARD CEDAR WOOD FENCE ELEVATION
SCALE: N1/8



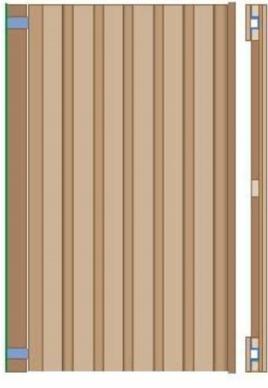
FENCE NOTES:

1. INSTALL FENCE ALONG PARKING LOT N 4. INSTALL FENCE SO TOP IS LEVEL. DO NOT ALLOW FENCE TO BE TIGHT TO CURB OR DRIVEWAY.
2. INSTALL FENCE PER ALL VILLAGE OF BROOKFIELD ORDINANCES.
3. INSTALL FENCE WITH WOOD BOARDS FACING OUT TOWARDS NEIGHBORS.
4. INSTALL FENCE SO TOP IS LEVEL. DO NOT ALLOW FENCE TO BE TIGHT TO CURB OR DRIVEWAY.
5. VERIFY PROPERTY LINE BEFORE FENCE INSTALLATION. INSTALL FENCE 5' FROM PROPERTY LINE.

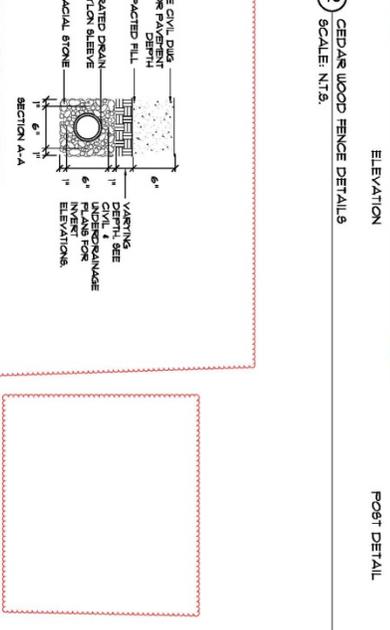
PLAN FOR POST AND WOOD ATTACHMENT



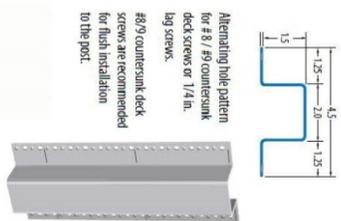
ELEVATION



2 CEDAR WOOD FENCE DETAILS
SCALE: N1/8

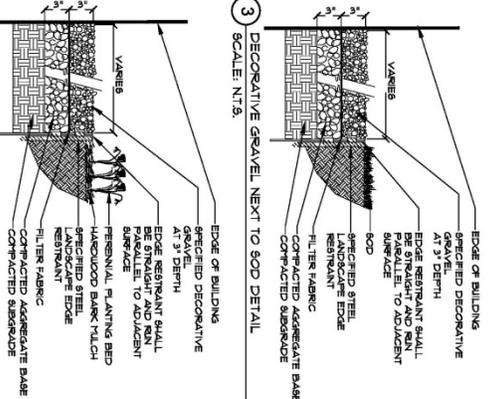


POST DETAIL

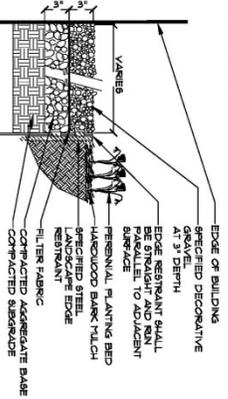


Alternating hole pattern for #8 / #9 countersunk deck screws or 1/4 in. lag screws.
#8/9 countersunk deck screws are recommended for flush installation to the post.

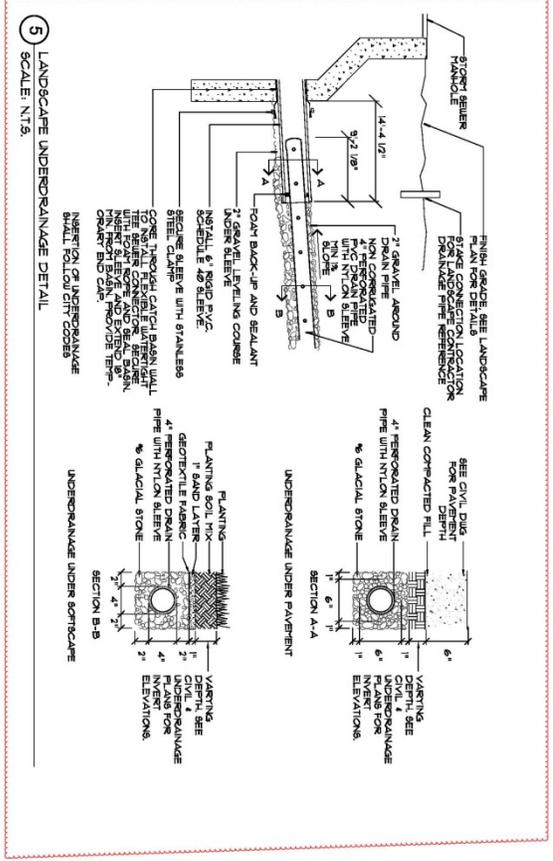
3 DECORATIVE GRAVEL NEXT TO SOD DETAIL
SCALE: N1/8



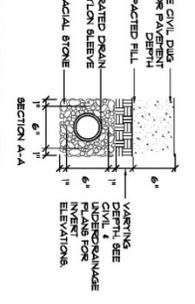
4 DECORATIVE GRAVEL NEXT TO PLANTING BED DETAIL
SCALE: N1/8



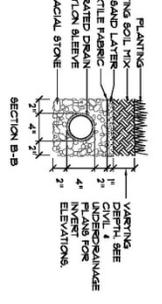
5 LANDSCAPE UNDERDRAINAGE DETAIL
SCALE: N1/8



UNDERDRAINAGE UNDER PAVEMENT



UNDERDRAINAGE UNDER SCOTCHGRAPE



product
811 E. WASHINGTON AVE
CHICAGO, ILLINOIS 60602
PH 312.222.0711
WWW.PLANETREE.COM
MC 998.871728

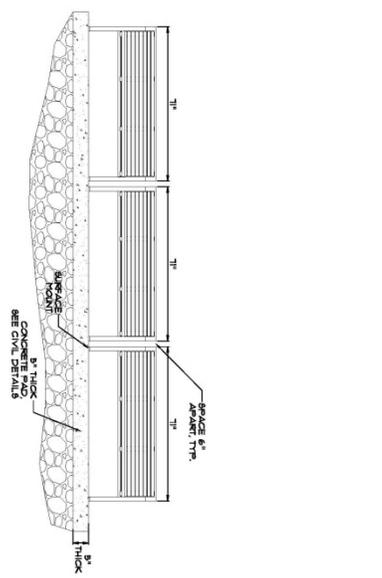
drawing:
Site Details

project:
**linda sokol francis
brookfield library**
3541 park avenue,
brookfield, IL 60513

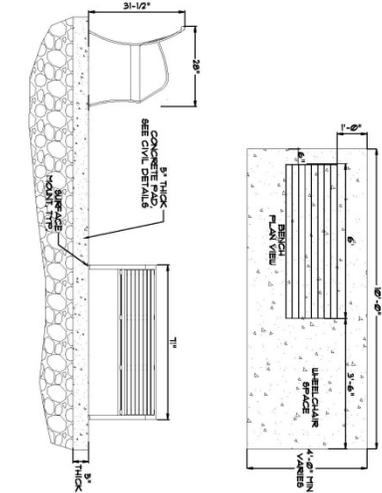
sheet: **L-300**
of **1**

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

BACK TO



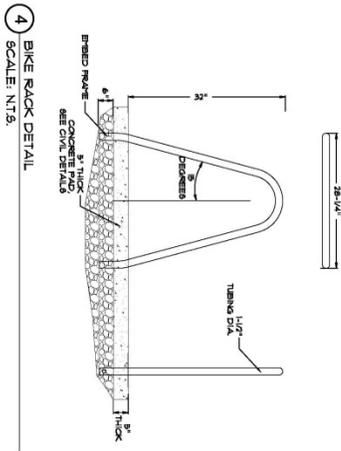
1 LIBRARY BENCH DETAIL
SCALE: N.T.S.



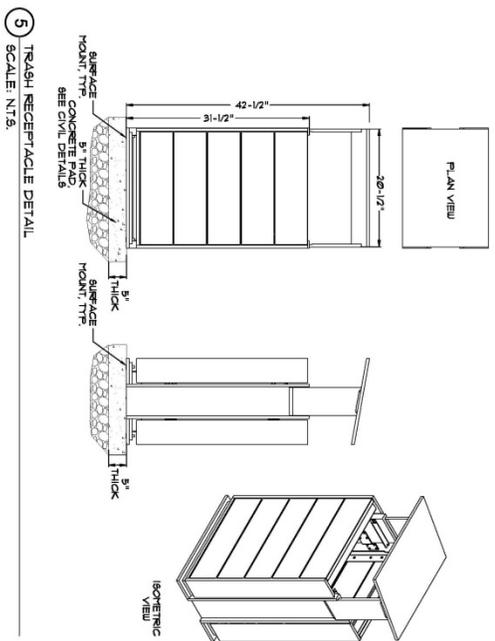
2 PARK BENCH DETAIL
SCALE: N.T.S.



3 CAFE TABLE AND CHAIR DETAIL
SCALE: N.T.S.



4 BIKE RACK DETAIL
SCALE: N.T.S.



5 TRASH RECEPTACLE DETAIL
SCALE: N.T.S.

| | | | |
|--|--|---|---|
| <p>product ARCHITECTURE + DESIGN</p> <p>811 E. WASHINGTON AVE CHICAGO, ILLINOIS 60602 TEL: 988.831.7283</p> | <p>project: linda sokol francis brookfield library 3541 park avenue, brookfield, IL 60513</p> | <p>drawing: Site Furniture Details</p> | <p>DATE: _____</p> <p>SCALE: _____</p> <p>NO. OF SHEETS: _____</p> <p>SHEET NO. _____</p> |
|--|--|---|---|

L-301

SHEET _____ OF _____

EXHIBIT "D" FINAL PLAN OF DEVELOPMENT

Back

| PLANT LIST | | | | | | |
|--------------------------------|--------|--|-----------------------------------|----------------------|----------------------|--------------------|
| Key | Totals | Botanical Name | Common Name | Size | Spacing | Comments |
| SHADE TREES | | | | | | |
| ARF | 6 | Acer rubrum 'Frank Jr.' | Redpointe Red Maple | 4.5" caliper B&B | on plans | spring dig only |
| GTS | 1 | Gleditsia thornhous var. inermis 'Shademaster' | Shademaster Thornless Honeylocust | 3" caliper B&B | on plans | spring dig only |
| QUB | 3 | Quercus bicolor | Swamp White Oak | 3" caliper B&B | on plans | spring dig only |
| QRN | 7 | Quercus robur bicolor 'Nadler' | Kinderl Spirit Oak | 3" caliper B&B | on plans | spring dig only |
| UAP | 6 | Ulmus americana 'Princeton' | Princeton American Elm | 3" caliper B&B | on plans | spring dig only |
| ORNAMENTAL TREES | | | | | | |
| CEC | 1 | Cercis canadensis | Eastern Redbud | 8" ht. (multi) B&B | on plans | spring dig only |
| MAC | 3 | Malus 'Cardinal' | Cardinal Crabapple | 6" ht. (multi) B&B | on plans | spring dig only |
| HAV6 | 2 | Hamamelis vernalis | Vernal Witchhazel | on plans | on plans | |
| HAV7 | 2 | Hamamelis vernalis | Vernal Witchhazel | 7" ht. (multi) B&B | on plans | |
| VIP | 1 | Viburnum prunifolium | Blackhaw Viburnum | 6" ht. (multi) B&B | on plans | |
| DECIDUOUS SHRUBS | | | | | | |
| AMM | 44 | Aronia melanocarpa 'Morton' | Inquois Beauty Black Chokeberry | 24" ht. B&B | on plans | see note 4 |
| CSF | 126 | Cornus sericea 'Farrow' | Arctic Fire Redosier Dogwood | 24" ht. #5 container | 30" o.c. | see note 4 |
| ORNAMENTAL GRASSES | | | | | | |
| CAV | 36 | Carex vulpinoidea | Brown Fox Sedge | 1 gallon | 15" o.c. | around catch basin |
| SEA | 174 | Sesleria autumnalis | Autumn Moor Grass | 1 gallon | 15" o.c. | |
| PERENNIALS/GROUNDCOVERS | | | | | | |
| AWC | 75 | Allium 'Windy City' | Windy City Allium | 1 gallon | 15" o.c. | see note 5 |
| AST | 29 | Asclepias tuberosa | Butterfly Weed | 1 gallon | 15" o.c. | see note 5 |
| COF | 34 | Coreopsis 'Full Moon' | Full Moon Coreopsis | 1 gallon | 15" o.c. | see note 5 |
| ECC | 39 | Echinacea 'CGB Cone 2' | Pink Meadowwhite Coneflower | 1 gallon | 15" o.c. | see note 5 |
| GEM | 111 | Geranium maculatum | Wild Geranium | 1 gallon | 15" o.c. | see note 5 |
| LST | 40 | Liatris spicata 'Trailblazer' | Trailblazer Blazing Star | 1 gallon | 15" o.c. | see note 5 |
| POH | 47 | Polemonium 'Heaven Scent' | Heaven Scent Jacob's Ladder | 1 gallon | 15" o.c. | see note 5 |
| PON | 820 | Potentilla neumanniana 'Nana' | Alpine Spring Cinquefoil | 10 flat plugs | 6" o.c. | see note 5 |
| REV | 32 | Rudbeckia fulgida 'Viete's Little Suzy' | Little Suzy Black-eyed Susan | 1 gallon | 15" o.c. | see note 5 |
| WAF | 376 | Waldsteinia fragarioides | Appalachian Barren Strawberry | 4.5" qt. | 12" o.c. | see note 5 |
| BULBS | | | | | | |
| BCAQ | 25 | Camassia quamash | Common Camas | Top Size, 6"/cm+ | mix with CAV | plant in fall |
| BCHL | 10,000 | Chionodoxa luciliae | Glory of the Snow | Top Size, 5cm+ | drifts in CSF shrubs | plant in fall |
| BVAS | 1,590 | Narcissus 'Stainless' | Stainless Daffodil | Top Size, 16cm+ | natural clumps | plant in fall |

PLANTING NOTES:

1. GRASSES SHALL BEET ALL EXISTING REVERTERS W/BACK TO
2. DO NOT ALTER GRASSES UNLESS OF EXISTING TREES TO
3. REPAIR AND/OR RECONSTRUCT PERIOD TO ANY NECESSARY
4. WORK IN THESE ZONES
5. TREES, SET TOP OF TREE ROOT BALL SO THAT AFTER SOIL
6. SETTLEMENT, MAIN GROUND ROOTS SHALL BE AT LEAST 10
7. FEET BELOW GROUND SURFACE. TREE BALLS TO BE PLANT TO
8. BE USED ONLY IF TREE BALLS TO BE PLANT TO BE ALL
9. CONTAIN TREES PLANTING OR PLANTING PERIOD
10. 4. SHRUBS, SET Y REMOVE PLASTIC CONTAINERS BEFORE
11. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
12. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
13. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
14. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
15. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
16. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
17. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
18. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
19. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
20. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
21. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
22. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
23. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
24. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
25. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
26. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
27. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
28. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
29. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
30. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
31. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
32. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
33. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
34. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
35. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
36. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
37. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
38. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
39. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
40. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
41. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
42. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
43. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
44. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
45. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
46. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
47. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
48. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
49. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
50. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
51. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
52. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
53. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
54. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
55. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
56. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
57. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
58. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
59. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
60. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
61. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
62. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
63. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
64. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
65. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
66. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
67. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
68. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
69. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
70. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
71. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
72. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
73. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
74. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
75. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
76. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
77. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
78. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
79. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
80. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
81. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
82. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
83. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
84. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
85. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
86. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
87. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
88. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
89. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
90. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
91. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
92. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
93. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
94. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
95. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
96. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
97. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
98. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
99. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS
100. PLANTING BEING CAREFUL TO KEEP THE ROOT BALLS

project: **linda sokol francis
brookfield library**
3541 park avenue,
brookfield, IL 60513

drawing: **Plant Schedule and Notes**

L-303

sheet of

product
811x empire ave
brookfield, il 60513
ph 815 202-0781
dpscp 10042
mc 888 891-7285

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT



SW VIEW

[Back to COW](#)

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

WEST VIEW



[Back to COW](#)

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

NW EXTERIOR VIEW



[Back to COIW](#)

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

NE EXTERIOR VIEW



[Back to COW](#)

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

SE EXTERIOR VIEW



[Back to COW](#)

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

[Back to COW](#)



EXTERIOR ENTRANCE VIEW

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT



WEST EXTERIOR VIEW

[Back to COW](#)

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

[Back to COW](#)



LITHONIA DSX-0 WITH 15' POLE



LOUIS POULSEN FLINDT BOLLARD



LITHONIA WST WALL MOUNT



BEGA IN-GROUND LUMINAIRE

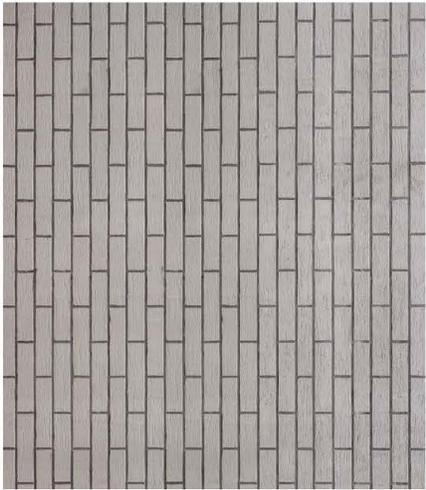
EXTERIOR LIGHTING

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

[Back to COW](#)



LEVEL 2 CLADDING



EXTERIOR BRICK



LEVEL 2 FINS



PAVERS - UNILOCK ARTLINE TUSCANY

EXTERIOR MATERIALS

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

[Back to COW](#)



EXTERIOR SITE FURNITURE



LANDSCAPE FORMS APEX TRASH CAN



LANDSCAPE FORMS BOLLA BIKE RACK



EMU AMERICA NEOBARCINO BENCH

SITE FURNITURE

EXHIBIT "D"
FINAL PLAN OF DEVELOPMENT

VILLAGE OF BROOKFIELD
BROOKFIELD, ILLINOIS 60513

JOURNAL OF THE PROCEEDINGS OF THE
PLANNING AND ZONING COMMISSION

HELD ON THURSDAY, SEPTEMBER 26th, 2019
IN THE BROOKFIELD VILLAGE HALL

MEMBERS PRESENT: Chairman: Charles Grund; Commissioners: Patrick Benjamin; Todd Svoboda; Christopher Straka; Mark Weber; Karen Ann Miller; Jennifer Hendricks

ALSO PRESENT: Elyse Vukelich, Village Planner; Michael Garvey, Village Trustee;

On Thursday, September 26th, 2019, Chairman Grund called the meeting of the Planning and Zoning Commission to order at approximately 7:00 P.M. Secretary Weber conducted the roll call.

Staff Update

No staff update.

New Business

Approval of Minutes with corrections for September 19th, 2019. Motion by Commissioner Svoboda, seconded by Commissioner Straka. Motion carries, 6-0, with Commissioner Hendricks abstaining.

Public Hearings

PZC Case 19-06 – Final Planned Development for the Linda Sokol Francis Brookfield Public Library at 3541 Park Avenue and 3606 Grand Boulevard

Motion to open the public hearing by Commissioner Straka, seconded by Commissioner Miller. The motion carried 7-0.

STAFF PRESENTATION: Village Planner Elyse Vukelich gave a presentation on the proposed final planned development. She stated that this case is being reheard due to a new traffic study that was submitted by the library. She went over the existing conditions of the site, and the variances that were requested in the preliminary planned development.

She went over the additional variance that the Brookfield Public Library is requesting as part of the Final Planned Development, which is to increase the size of parking lot signage from 4 square feet to 19.5 and 9 square feet.

Vukelich stated that the new traffic study was reviewed by Hancock Engineering. She also stated that Hancock Engineering recommended the plans for final engineering. She also added that at the most recent Village Board meeting it was confirmed that the 3500 block of Park Avenue is scheduled to be resurfaced by the Village in 2021.

APPLICANT PRESENTATION: Dan Pohrte of Product Architecture gave an overview of the project. He presented the site plan, floor plans, renderings of the building, and went over the major materials.

Michael May of TADI gave an overview of the new traffic study. He stated that he is a licensed Professional Engineer in the state of Illinois. He gave an overview of the data collection. Counts were taken on Thursday, September 5th and Saturday, September 7th. He showed videos from the traffic counts. There was a block party taking place on Park Avenue for a portion of the traffic study, but explained why the impact was negligible. May went on to discuss trip generation and how many new trips the library is expected to generate. He stated that the intersection is expected to operate at the same level of service with the new library. May went over the recommendations from the traffic study, which included recommending an additional crossing guard at the intersection after school lets out, the addition of stop signs at the driveways from the parking lot, and a no right turn sign on Lincoln at the driveway exit.

Commissioner Svoboda asked about the software platform used for the traffic analysis. May explained his reasoning for using the software.

PUBLIC COMMENT: Mark McCann of 3510 Park Avenue stated that he was skeptical of the legality of the traffic study. He is upset that the alley will not be paved. He feels the library did not conduct this traffic study legally. McCann stated that he believes the Planning and Zoning Commissioners are knowingly approving a plan that violates state law, and that they should question how it could impact their own professional licenses. He stated that TADI has no credibility and he hopes that the Village follows the law.

Tom Moore of the Brookfield Public Library stated that he has worked at the library since 2008. He feels that the new library is necessary because the current library does not have enough room. He stated that the librarians are all talented and provide great programs for Brookfield.

Jonathan Platt of 3649 Madison stated that he observed the planning process for the new library and feels the library has made every effort possible to lessen the impact on the neighbors. He feels that the traffic study is credible and doesn't understand the skepticism. He strongly supports the new library. He appreciates the effort of the library board and the library's leadership.

Sam Levin of Hollywood was concerned about the metal fins on the library's elevations rusting. He stated that he does not like the design. He does not think that a library is necessary in every community. He asked why we can't share a library with a neighboring community. He feels this new library should not be on the burden of the taxpayer. He feels the traffic analysis is flawed. He doesn't think anyone has asked the neighbors of the library how this will affect them. He feels there should be needle disposal boxes in the bathrooms of the new library.

Michael May of TADI responded to the concerns of Mr. Levin. He went over his analysis regarding the parking lot. Mr. May showed his professional engineer license and certification on a slide from his PowerPoint presentation. He stated that this is his own professional license, not TADI's and that in 17 years the company license has never been used for a traffic study. TADI is currently renewing its professional license with the state of Illinois. He spoke with the Illinois Department of Financial and Professional Regulation and they confirmed that he is allowed to submit plans with his professional license while TADI is pending registration. He stated that it is unusual for engineers to stamp traffic studies.

Dan Pohrte of Product Architecture stated that the metal fins will not rust due to the materials.

Motion to close the public hearing by Commissioner Benjamin, seconded by Commissioner Straka. The motion carried 7-0.

COMMISSIONER DELIBERATION: Commissioner Benjamin said that Michael May of TADI gave an excellent presentation. He does not question Mr. May's credibility. He feels that this final planned development is in line with the preliminary planned development and is supportive of the project.

Commissioner Straka said he agrees with Commissioner Benjamin. He asked if adding a second crossing guard during school arrival and departure times would be a requirement of the library. Vukelich responded stating that the Village Manager is aware of the recommendation and that he will take it into consideration.

Commissioner Weber stated that he has taken the testimony very seriously because he lives so close to the library.

Commissioner Svoboda said that the additional information and the review of Hancock Engineering supports the recommendation for this project.

Commissioner Miller thanked Mr. May for his explanation of the traffic study.

Commissioner Hendricks said that she agrees with all the comments.

Chairman Grund asked if the stop signs recommended by the traffic study should be added as a condition of approval. Mr. May stated that he is not entirely sure if they are on library property.

Commissioner Benjamin made a motion, seconded by Commissioner Straka, to approve PZC case 19-06 with the conditions recommended by staff AND a condition to include two stop signs as stated and a left turn only sign if they occur on private property in the parking area. The motion carried 7-0.

Next Meeting:

Scheduled for Thursday, October 24th, 2019.

Adjournment

At approximately 7:54 p.m. there was a motion made by Commissioner Svoboda to adjourn, seconded by Commissioner Benjamin. Motion carries, 7-0.

Charles Grund
Chairman
Planning & Zoning Commission
Village of Brookfield
Brookfield, Illinois

//e

DRAFT



Village of Brookfield

Planning and Zoning Commission Staff Report

TO: The Village of Brookfield's Planning and Zoning Commission

HEARING DATE: September 26th, 2019

FROM: Community and Economic Development Department

PREPARED BY: Elyse Vukelich, Village Planner

TITLE

PZC 19-06 – Linda Sokol Francis Brookfield Library - Final Planned Development; Submittal of the Final Planned Development Application by the Brookfield Public Library.

GENERAL INFORMATION

APPLICANT: **Brookfield Public Library**
3609 Grand Boulevard
Brookfield, IL 60513
C/O Kimberly Coughran

APPLICATION/NOTICE: The application has been filed in conformance with applicable procedural and public notice requirements.

PROPERTY INFORMATION

EXISTING ZONING: A-1 Single Family Residence District
EXISTING LAND USE: Brookfield Public Library and open space
PROPERTY SIZE: 18,750 Square Feet for 3541 Park Avenue
14,992 Square Feet for 3609 Grand Boulevard
Total of 33,742 Square Feet
PINs: 15-34-401-016-0000 through 15-34-401-021-0000 and 15-34-411-001-0000

SURROUNDING ZONING AND LAND USES:

North: A-1 Single Family Residential District; Single Family Home
South: A-1 Single Family Residential District; Single Family Home
East: A-1 Single Family Residential District; Single Family Home
West: A-1 Single Family Residential District; Single Family Home

ANALYSIS

SUBMITTALS

This report is based on the following documents, which are on file with the Community and Economic Development Department at Brookfield's Village Hall:

1. Application for Public Hearing
2. Certification of Legal Notice Published September 11th, 2019 in the *Riverside-Brookfield Landmark*
3. Affidavit of mailed notice to property owners within 250 feet of the property indicating a Public Hearing
4. An Ordinance prepared by the Village of Brookfield's attorney and approved by the Village Board of Trustees on May 13th, 2019 for the Preliminary Planned Development.
5. Petitioner Project Submittal Including:
 - a. Application
 - b. Proof of Ownership
 - c. Project Summary
 - d. Plan Set & Proposed Plat of Consolidation
 - e. Traffic Analysis

BACKGROUND

On February 25th, 2019 the Brookfield Public Library (BPL) submitted an application for a Preliminary Planned Development for a new public library and parking lot. The proposed development will include a two-story, 21,380 square foot library and a parking lot with public space. The Planning and Zoning Commission heard and recommended the project to the Village Board on March 28th, 2019. The Village Board of Trustees approved this preliminary planned development on May 13th, 2019 with the following conditions:

- Provide a plat of consolidation for 3541 Park Avenue
- Meet all requirements of all Village departments regarding the conversion of on-street parking spaces to drop-off areas.

On July 25th, the Brookfield Public Library submitted an application for a Final Planned Development. Below is a discussion of the zoning exceptions that the library is requesting. Changes from the preliminary planned development are discussed in the "Discussion" section of this report on the following page.

The Planning and Zoning Commission heard the Final Planned Development for the Brookfield Public Library at the August 22nd, 2019 meeting. The Library has submitted a new Traffic Impact Study with new traffic counts. As a result, the Final Planned Development was re-noticed and is being heard again.

PUBLIC COMMENT

No public comments that pertain to the Final Planned Development application have been submitted to Village Hall in person or by written document as of the writing of this report. Any comments that are submitted will be presented at the Planning and Zoning Commission public hearing.

ZONING

As part of this final planned development, the applicant is seeking the following:

- 1) Special Use for Library in the A-1 District (Section 62-71 Special Uses)

- 2) Variance to reduce the corner side yard setback from 10 feet to 6 feet 2 inches (Section 62-75 Corner and Interior Side Yard Setbacks)
- 3) Variance to locate parking facilities across a public street from the principal building (Section 62-255 Control of Off-Street Parking Facilities)
- 4) Variance to increase the size of parking lot signage from 4 square feet to 19.5 square feet and 9 square feet. (Section 42-115 Parking Area Signs)

The proposed library is located in the A-1 Single Family Residential District and is surrounded on all sides by the A-1 District. Planned Developments and Libraries are considered allowable as a special use in the A-1 District.

In addition, the proposed library will need two variances from the Village's zoning ordinance. The first is a variance from Section 62-75 to reduce the corner side yard setback from 10 feet to 6 feet 2 inches on the southern lot line of 3541 Park Avenue. Sheet A2 of the submitted plan set contains the roof plan, which shows the proposed building with a 6 feet 2 inch setback on the southern lot line. The façade of the building is angled, so the variance applies to the roof of the building (see the photo titled "Exterior Rendering" on Sheet A0.0 for reference).

The second variance is from Section 62-255, which states "Any such off-site/remote parking facilities must be located within 1,000 feet of the main entrance of the principal building, structure, or use being served, and except for the C-1, C-2, C-3 and SA Districts, must be in the same block as that no public street lies between the off-street parking spaces and the principal building, structure or use being served." The new plan for the library does provide off-street parking that is separated from the building by a public street, and will need a variance from this requirement.

Finally, the proposed library is requesting an additional variance from Section 42-115 of the sign code. Directional signs for the parking lot were added as part of the final planned development application. The sign code currently limits these to 4 square feet in area, and the library is proposing to add two directional signs measuring 19.5 square feet and 9 square feet. Other than the square footage, the proposed directional signs will meet all other requirements of the sign code. The signs are depicted on Sheet A4.1 of the plan set. The signs were added at the request of the Village Board of Trustees at their May 13th, 2019 meeting, so these signs were not included in the preliminary planned development. As a result, this is an additional variance to the exceptions that were approved in the preliminary planned development.

DISCUSSION

Below is a list of changes that were made to the plans for the final planned development from the preliminary planned development, as well as discussion of new materials included with this application. Overall, no changes were made to the building.

Site Plan

Signage

A new monument sign will be installed on the library's property and will face Lincoln Avenue. The monument sign will be four feet in height and the sign face will measure 40 square feet in area. A depiction of the sign is located on Sheet A4.1. The sign will be illuminated by in-ground floodlights.

At the May 13th, 2019 meeting, the Village Board of Trustees requested that the library add directional signage to the parking lot. Sheet A4.1 shows the two new directional signs that will be located on the library's property at the entrance of the parking lot on Grand Boulevard and Lincoln Avenue. The monument sign on Grand Boulevard will measure 19.5 square feet in area and the monument sign on Lincoln Avenue will measure 9 square feet in area. As depicted on Sheet A1, both monument signs will include landscaping around the base. Both signs will also be illuminated by in-ground floodlights.

Per Section 42-115 of the Sign Code, parking area signs are permitted in residential districts but are not permitted to exceed four square feet in area. As a result, the library will be requesting an additional variance from this section of the code. This was not included in the preliminary planned development because the signs were added after the Village Board of Trustees requested them.

ADA Spaces

The library initially had two ADA spaces in the parking lot on the southern parcel. This has been revised to one, which meets the state requirements. The parking lot contains 23 spaces total including one ADA space.

Right of Way

The library initially had included illuminated bollards and a book drop off in the right of way. The Village requested that these be placed on the library's property. Sheet A1.1 is an exhibit solely showing proposed work in the right of way. In addition, a list of all right of way work is included in the Drawing Revisions packet. Staff has reviewed this list with the Department of Public Works and Village Manager. All of the proposed right of way work will need to be done according to the Village's standards.

Public Parking

As part of the preliminary planned development, there was discussion about converting two public parking spaces on Park Avenue and a public parking area on Lincoln Avenue to "drop off" spaces. The library chose to not convert spaces on Park Avenue, which will remain public parking. The public parking on the north side of Lincoln Avenue will be converted into a drop off area, and a sign in the parkway will state this. The library is to work with the Department of Public Works on the manufacturing and installation of this sign.

Parking on the south side of Lincoln Avenue will also be reconfigured due to the addition of a drive aisle into the parking lot.

Photometric

As part of the final planned development application the petitioner was required to submit a photometric plan (Sheet A6). The photometric plans shows that the lighting will not exceed .5 foot candles at a lot line bordering residential properties. The brightest areas will be located near the parking lot driveways, but will fall to less than 1 foot candle in the right of way.

Plat of Consolidation

A plat of consolidation is included with this application to consolidate the six parcels of 3541 Park Avenue into one parcel. The consolidated parcel will measure 18,750 square feet in area. This was required as a condition of the approval of the preliminary planned development.

Traffic Analysis

A traffic analysis dated September 16th, 2019 was submitted as part of the final planned development application. The library took traffic counts during weekday and weekend peak hours on Thursday, September 5th and Saturday, September 7th, 2019. Overall, the analysis found that the intersection of Grand, Lincoln and Park can accommodate existing and future traffic growth from the new library. The analysis recommended that a crossing guard be added to the intersection during school arrival and dismissal periods, and that two stop signs and a one way sign be added to the proposed parking lot to inform motorists exiting the lot.

Final Engineering

As part of the final planned development application, the petitioner was required to submit final engineering plans and receive approval. Included in this packet is a letter from Hancock Engineering dated August 13th, 2019 recommending approval of these plans. The civil engineering plans are not included in this packet but are on file at Village Hall for viewing.

COMPREHENSIVE PLAN

The Village of Brookfield's Comprehensive Plan references the library several times. In Chapter 4 on Land Use, the Future Land Use Plan (p. 63) identifies both parcels at 3541 Park Avenue and 3606 Grand Boulevard as "institutional," which is compatible with the submitted application.

In Chapter 7 on Community Facilities and Services, the plan acknowledges that "The library has reached its storage and programming capacity and is no longer able to meet the needs of the community." (p. 100) Goal 2 of this section lists "Maintain adequate sites for the library, public works, and other Village facilities including the relocation of facilities when necessary" as an objective. (p. 106). It is clear that the need for a more spacious library has been a topic of discussion for several years, and the Comprehensive Plan supports this from a land use perspective.

In addition, Chapter 8 – Parks and Recreation lists the first strategy under its second goal as "identify potential locations for additional smaller (mini) parks in underserved residential areas and commercial nodes within the Village, especially in the central portion of the Village, in Planning Area 1, and the western 1/3 of Planning Area 6, per the adopted 2014 Brookfield Open Space Plan." (p. 118). The proposed development, which includes an open space area next to the parking lot at 3606 Grand Blvd, will utilize this strategy. The new library will be located in the underserved Planning Area 1, as seen on the following page on the Village's Open Space Map.

Overall, staff finds the proposed development to not only be compatible with the Village's Comprehensive Plan, but to assist in achieving Goal 2 in Chapter 8 – Parks and Recreation.

CONDITIONS FOR APPROVAL OF FINAL PLANNED DEVELOPMENTS

The standards for Final Planned Developments are to be reviewed and evaluated on the following three conditions:

- (1) Whether the proposal is in general conformity with the previously approved preliminary planned development proposal

Overall, the final planned development is in general conformity with the previously approved preliminary planned development. No aspect of the building has changed. All changes are related to right of way work or are small site plan changes. Some of the changes, like the directional parking lot signs, were at the request of the Village Board of Trustees.

- (2) Whether the proposal by virtue of its imaginative and creative design and benefits to the village justifies the intended variations from the strict application of the subdivision standards and zoning ordinance

The proposed planned development will add benefit to the Village. The building's modern design, public spaces feature, and additional parking will enhance the neighborhood. The proposal is creative in that it integrates two sites separated by a public street into one development, by utilizing high quality public space features on both sites.

The only additional variance that the petitioner is requesting is to increase the area of a parking directional sign from 4 square feet to 19.5 square feet and 9 square feet (for two signs). The addition of the parking lot signage was at the request of the Village Board of Trustees. The new signage, though located across the street from the building, will match the features of sign for the building. The sign on Grand Boulevard will display the name of the library to motorists that may not be able to see the building as they approach the parking lot.

- (3) Whether the proposal requires additional conditions or restrictions to protect the public interest and adjacent areas, improve the development and ensure compliance with existing village ordinances

The only additional condition to be added to this final planned development is that the project must meet all Village standards and requirements for work in the right of way. The petitioner included a list of the right of way scope of work and an exhibit for work exclusively in the right of way. The Brookfield Public Library will need to work closely with the Village and meet standards for this list.

RECOMMENDATIONS

Based on the analysis above, Village staff believes that the final planned development should be approved with conditions:

Village staff recommends to the Planning and Zoning Commission consideration of the following conditions before approval:

- Meet all Village standards and requirements for work in the right of way

The Planning and Zoning Commission should discuss the final planned development application and determine whether the request should be recommended to the Village Board of Trustees for approval or denial, and whether other conditions should be placed on the development. If Commissioners are in agreement with the staff findings they may adopt the staff's findings as their own or adopt a modified set of findings, as necessary.



Village of Brookfield
 Planning and Zoning Commission Application Packet

Final PD Application

Applicant Information:

- 1. Name and Phone Number of contact person for application process Dan Pohrte
- 2. Petitioner's Name Linda Sokol Francis Brookfield Library
- 3. Petitioner's Address 3541 Park Avenue
- 4. Phone Number (708) 485-6917
- 5. Email Address kcoughran@brookfieldlibrary.info
- 6. Fax Number (866) 857-7265
- 7. Owner of Record Name Brookfield Public Library
- 8. Owner of Record Address 3541 Park Avenue, Brookfield, IL 60513

Property Information:

- 9. Common Street Address 3541 Park Ave. & 3609 Grand Blvd
- 10. Legal Description See attached document for legal description of lots
- 11. Permanent Tax Index Number (PIN) See attached document for legal description of lots
- 12. When did the owner acquire the property? See attached document for legal description.

13. Is the petitioner in the process of purchasing the property? Yes ___ No ___
 If so, is the purchase contingent on approval of final PD? Yes ___ No ___

14. Is your property use presently (check one): Conforming ___ Non-conforming ___

15. If the property is a non-conforming use, please explain: The project is conforming due to variations that were proposed and approved as part of the Preliminary PD process.

16. Surrounding Zoning and Land Use:

| | Zoning District | Land Use |
|-------|-----------------|-----------------------|
| North | A1 | Residential |
| South | A1 | Special Use / Library |
| East | A1 | Residential |
| West | A1 | Residential |

Final Planned Development Application, continued

17. What is the current Zoning Classification of the subject property? A1

18. What is the date of Preliminary PD approval? May 13th, 2019 Ordinance No. 2019-21

19. Are there any additional variations requested at this time? If so, please describe:

A variance to the sign code will be required for (2) parking lot signs that are on the parking lot site. We are requesting this variance from Section 42-115 of the Sign Code.

20. Is the final planned development in general conformity with the previously approved preliminary planned development proposal? List any changes or modifications.

A variance to the sign code will be required for (2) parking lot signs that are on the parking lot site. We are requesting this variance from Section 42-115 of the Sign Code. No other portions of the planned development proposal will require additional variances. The rest of the project is in conformity with the previously approved PPD.

See attached documents with project changes that directly address comments made by the village board of trustees.

Revisions address comments made at the PZC meeting on 3/28/2019 and the Board meeting on 5/13/2019

Additional revisions by Hancock engineering on 7/18/2019 are included in a write-up and updated drawings

20. How are the additional intended variations justified by the virtue of the development's imaginative and creative design?

A variance to the sign code will be required for (2) parking lot signs that are on the parking lot site. We are requesting this variance from Section 42-115 of the Sign Code.

The current code requires that parking lot signs have an area of no larger than 4 sf. We are requesting variances to allow for (1) sign to have a sign face area of 19.5 sf and (1) sign to have a sign face area of 9 sf. Comments from previous PZC and village board meeting suggested that the library install signs to alert visitors of the building's entrance and parking locations. These signs were designed larger than the village standard to provide greater visibility to motorists. The sign materials match other materials on the project site, adding to site cohesion.

21. Are there any additional suggested conditions or restrictions to protect the public interest and adjacent areas, improve the development, and assure compliance with Ordinances?

A variance to the sign code will be required for (2) parking lot signs that are on the parking lot site. We are requesting this variance from Section 42-115 of the Sign Code. These signs

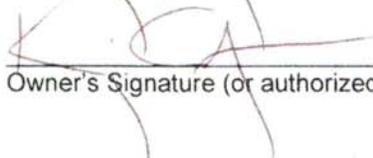
Any person who shall knowingly make or cause to be made, or conspire, combine, aid or assist in, agree to, arrange for, or in any way procure the making of a false or fraudulent application, affidavit, certificate, or statement, shall be guilty of a misdemeanor as provided by statute by the State of Illinois.



Petitioner's Signature

7/24/2019

Date



Owner's Signature (or authorized agent)

7/24/19

Date

AFFIDAVIT OF OWNERSHIP AND TRUST DISCLOSURE

COUNTY OF Cook)
) SS

STATE OF ILLINOIS)

I, (print name) Kim Coughran, under oath, state that I am (check one):

- the sole owner of the property
- an owner of the property
- an authorized officer for the owner of the property

commonly described as (full address): 3541 Park Avenue

and that such property is owned by (print owner's name) Brookfield Public Library as of this date.

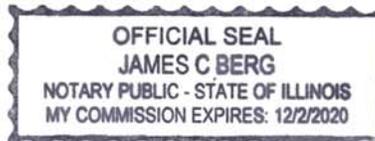
Further, the property to which this application relates is/is not the subject of a land trust as defined in Section 765 ILCS 405 of the Illinois Compiled Statutes, "The Land Trust Beneficial Interest Disclosure Act." If the foregoing statement was completed in the affirmative, the following statement shall be completed and verified:

I, Kimberly Coughran, as trustee/beneficiary of Brookfield Public Library Trust Number _____,

pursuant to Section 765 ILCS 405 of the Illinois Compiled Statutes, being first duly sworn, hereby state and represent that the person/persons, Body/Bodies Politic, corporation/corporations or other entity/entities below designated is/are the beneficiary/beneficiaries of said land trust, that the beneficiary/beneficiaries designated by a checkmark hold/holds the power of direction created therein, and that no beneficiary holds a beneficial interest as nominee for a person, Body Politic, corporation or other entity not named herein.

| Name | Address | Interest |
|------|---------|----------|
| | | |
| | | |
| | | |
| | | |

Kimberly Coughran
(Signature)



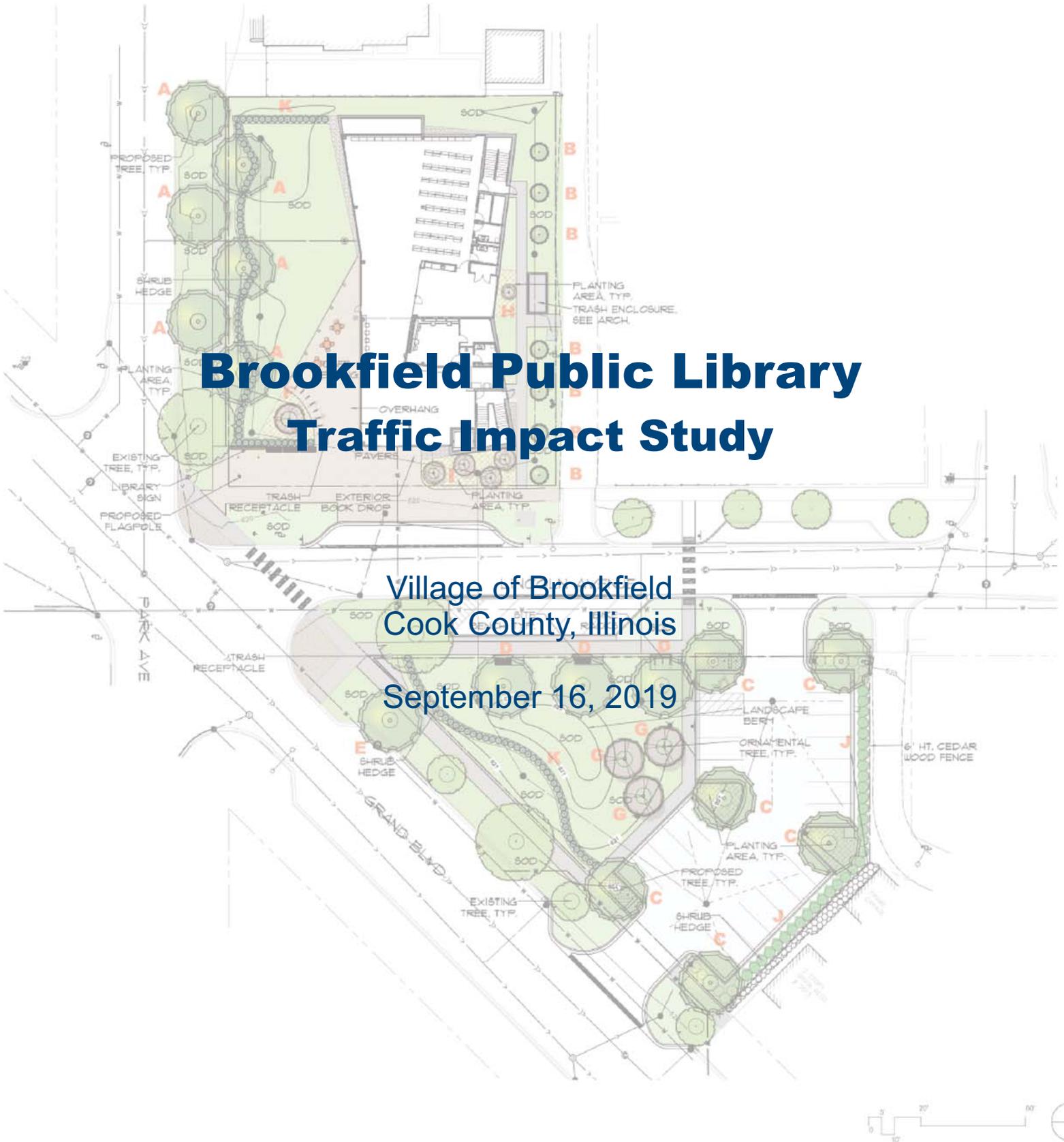
SUBSCRIBED AND SWORN TO BEFORE ME THIS 25th DAY OF February, 2019

James C. Berg
(Notary Public)
(James C. Berg)

Brookfield Public Library Traffic Impact Study

Village of Brookfield
Cook County, Illinois

September 16, 2019



TRAFFIC IMPACT STUDY FOR:

BROOKFIELD PUBLIC LIBRARY
VILLAGE OF BROOKFIELD, COOK COUNTY, ILLINOIS

DATE SUBMITTED: September 16, 2019

PREPARED FOR:

Product Architecture & Design
811 West Evergreen, Suite 405
Chicago, IL 60642
Phone: (312) 202-0701
Contact Person: Dan Pohrte

PREPARED BY:

TADI
P.O. Box 128
Cedarburg, WI 53012
Phone: (800) 605-3091
Contact Person: Michael May, P.E., PTOE



"I certify that this Traffic Impact Study has been prepared by me or under my immediate supervision and that I have experience and training in the field of traffic and transportation engineering."


Michael May, P.E., PTOE
Illinois Registration #062-060245
Expiration 11-30-2019

**Brookfield Public Library
Traffic Impact Study
Table of Contents**

| | |
|---|-----|
| LIST OF EXHIBITS..... | ii |
| LIST OF APPENDICES..... | iii |
| CHAPTER I – INTRODUCTION & EXECUTIVE SUMMARY..... | 1 |
| Part A – Purpose of Report and Study Objectives..... | 1 |
| Part B – Executive Summary..... | 1 |
| CHAPTER II – PROPOSED DEVELOPMENT..... | 4 |
| Part A – On-Site Development..... | 4 |
| Part B – Study Area..... | 4 |
| Part C – Site Accessibility..... | 4 |
| CHAPTER III – ANALYSIS OF EXISTING CONDITIONS..... | 6 |
| Part A – Physical Characteristics..... | 6 |
| Part B – Traffic Volumes..... | 6 |
| Part C – Existing Traffic Capacity Level of Service..... | 6 |
| Part D – Sources of Data..... | 7 |
| CHAPTER IV – ANALYSIS OF DEVELOPMENT TRAFFIC..... | 8 |
| Part A – Site Traffic Forecasting..... | 8 |
| Part B – Build Traffic Volumes..... | 9 |
| Part C – Development Traffic Capacity Level of Service..... | 9 |
| CHAPTER V – RECOMMENDATIONS AND CONCLUSION..... | 10 |
| Part A – Recommended Modifications..... | 10 |
| Part B – Conclusion..... | 10 |

LIST OF EXHIBITS

- Exhibit 1-1Site Location Map
- Exhibit 1-2Brookfield Public Library Site Plan
- Exhibit 1-3Recommended Modifications

- Exhibit 2-1Site Location Map
- Exhibit 2-2Brookfield Public Library Site Plan

- Exhibit 3-1Existing Transportation Detail
- Exhibit 3-2Existing Traffic Volumes
- Exhibit 3-3Video Screenshots - Block Party Barricade Placement
- Exhibit 3-4Existing Traffic Operations & Queues

- Exhibit 4-1Brookfield Public Library Trip Generation & Distribution Tables
- Exhibit 4-2Brookfield Public Library New Trips
- Exhibit 4-3Build Traffic Volumes
- Exhibit 4-4Build Traffic Operations & Queues

LIST OF APPENDICES

Appendix A.....September of 2019 Turning Movement Traffic Counts

Appendix B.....Existing Traffic – Peak Hour Analysis Outputs

Appendix C.....Build Traffic – Peak Hour Analysis Outputs

CHAPTER I – INTRODUCTION & EXECUTIVE SUMMARY

PART A – PURPOSE OF REPORT AND STUDY OBJECTIVES

Brookfield Public Library is currently located in the southeast corner of Grand Boulevard & Lincoln Avenue at the six-leg intersection of Grand Boulevard/Lincoln Avenue/Park Avenue in the Village of Brookfield, Cook County, Illinois. The library is proposed to be relocated to the northeast corner of the intersection with the existing library location converted into a parking lot and community greenspace. TADI performed this traffic impact study (TIS) to determine the expected weekday evening and Saturday midday peak hour operating conditions and recommendations at identified study area intersections to accommodate development.

This TIS documents the procedures, findings and conclusions of the traffic analysis. The analysis identifies recommended modifications based on existing roadway conditions, existing traffic volumes, and additional traffic expected to be generated by the new Brookfield Public Library.

PART B – EXECUTIVE SUMMARY

The executive summary includes a description of the study area, description of the development and conclusions based on the findings of the TIS.

B1. Study Area

A study area map is shown in [Exhibit 1-1](#). A project site plan is shown in [Exhibit 1-2](#). As shown, the study area includes the Grand Boulevard/Lincoln Avenue/Park Avenue intersection, the Grand Boulevard & proposed parking lot driveway, and Lincoln Avenue & proposed parking lot driveway.

B2. On-Site Development Description

The new public library will be constructed in the northeast corner of Lincoln Avenue & Park Avenue and is proposed to have a density of 21,380 square feet (sf), which is approximately 7,680 sf greater than the existing 13,700 sf library. The existing public library will be replaced with a community greenspace and a parking lot to accommodate new traffic from the increased library density. Parking for the existing library occurs on-street, and on-street parking may be expected to continue to service the existing density.

The new public library includes bicycle racks with parking for 16 bicycles located in the southwest corner of the property. The proposed landscaping plan includes a shrub hedge along the west side of the property. When combined with the front door and book drop being located along Lincoln Avenue, this landscaping plan will aid in minimizing parking that may otherwise occur on Park Avenue north of the intersection by increasing the walking distance from Park Avenue.

B3. Collection of Existing Traffic Volumes

Existing turning movement traffic counts were collected in 2019 on Thursday, September 5th from 2:30pm to 6:00pm and Saturday, September 7th from 11:00am to 1:00pm. The weather was favorable with temperatures in the mid- to upper-70°F range and no precipitation. TADI noted heavy pedestrian activity during school dismissal, with the highest pedestrian activity observed between 3:00 and 4:00pm. Though not included in the original project scope, this peak hour was added to the study and is identified as the weekday midday peak hour. The weekday midday, weekday evening, and Saturday midday peak hours were identified as 3:00 to 4:00pm, 4:30 to 5:30pm, and 12:00 to 1:00pm.

TADI noted a block party event was set up along Park Avenue north of the study area intersection, with the north leg of Park Avenue closed on Saturday at 12:38pm (time stamped video screen shots are included in Chapter III). In reviewing the traffic volume patterns for movements heading northbound from the intersection, it is concluded that this event had negligible impact on the peak hour traffic volumes and intersection operations. More specifically:

- The block party event did not include signs upstream of the intersection to warn motorists of a street closure on Park Avenue. Therefore, motorists who may have wished to head northbound on Park Avenue were not aware of the event until they were already at the intersection, at which time those same motorists would have continued through the intersection. That is, impacted motorists were included in the traffic counts.
- The turning movement counts were collected in 15-minute increments per traffic engineering standards. The total of all traffic exiting the intersection northbound onto Park Avenue between 11:00am and 12:30pm was between 4- and 11-vehicles per 15-minute increment. The average volume per increment was 9 vehicles. From 12:30 to 12:45pm the volume northbound exiting the intersection was 7 vehicles (2 vehicles less than the average) and between 12:45pm to 1:00pm the volume was 2 vehicles (7 vehicles less than the average). Even if there were no party and an additional 9 vehicles were added north onto Park Avenue, there would be no impact on intersection operations.

B4. Site Generated Traffic

The traffic volumes expected to be generated by the development are based on the size and type of the proposed use and on trip rates as published in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual, Tenth Edition*.

According to ITE data, the library expansion is expected to generate approximately 66 additional new trips (34 in/32 out) during the weekday midday school dismissal peak hour, 63 additional new trips (30 in/33 out) during the weekday evening peak hour, and 97 additional new trips (51 in/46 out) during the Saturday midday peak hour. The development is expected to generate 554 additional new trips (277 in/277 out) on a typical weekday.

B5. Transit, Pedestrian & Bicycle Accommodations

Pace Bus operates Route 331: Cumberland-5th Avenue along Grand Boulevard with weekday and weekend service.

Sidewalks are provided along both sides of all three intersecting roadways. The intersection is well designed for pedestrian crossing with crossings widths and with the use of curb extensions for crossing Grand Boulevard. TADI noted heavy pedestrian activity during school dismissal, with the highest pedestrian activity observed between 3:00 and 4:00pm. Though not included in the project scope, this peak hour was added to the study and is identified as the weekday midday peak hour. TADI observed a crossing guard was present but appeared to have difficulty in crossing pedestrians across all six legs of the intersection alone. The crossing guard was observed physically running to various legs of the intersection, and at one point another person without crossing guard attire was observed providing assistance at the intersection.

B6. Year 2019 Recommended Modifications

Modifications to address traffic impacts are shown in [Exhibit 1-3](#). *Recommended modifications are advisory for jurisdictional consideration and are not legally binding. The Village of Brookfield reserves the right to determine alternative solutions.*

Grand Boulevard/Lincoln Avenue/Park Avenue

- Consider adding a second crossing guard to the intersection to aid the existing crossing guard during school arrival and dismissal periods.

Grand Boulevard & Proposed Driveway

- Provide shared lanes on all approaches of the intersection (no dedicated turn lanes are necessary).
- Install a stop sign to control the driveway approach to Grand Boulevard.

Lincoln Avenue & Proposed Driveway

- Provided shared lanes on all approaches of the intersection (no dedicated turn lanes are necessary).
- Install a stop sign to control the driveway approach to Lincoln Avenue.
- Consider installing a “LEFT-TURN ONLY” or “ONE WAY” sign at the intersection to inform motorists exiting the driveway of the one-way nature of Lincoln Avenue.

B7. Conclusion

The study area intersections were analyzed based on the procedures set forth in the *Highway Capacity Manual, 6th Edition* (HCM). Intersection operation is defined by “Level of Service”. Level of Service (LOS) is a quantitative measure that refers to the overall quality of flow at an intersection ranging from very good, represented by LOS ‘A’, to very poor, represented by LOS ‘F’. For the purpose of this study, and as is standard for use in the urban communities, LOS D or better was used to define desirable peak hour operating conditions.

| LOS | Description | Average Delay |
|-----|---|-----------------|
| A | Intersection approaches appear quite open, turning movements are easily made, and nearly all drivers find freedom of operation. | <10 sec/veh |
| B | Stable operation. | 10 – 15 sec/veh |
| C | Stable operation, but periodic backups of a few vehicles may develop behind turning vehicles. Most drivers begin to feel restricted, but not objectionably so. | 15 – 25 sec/veh |
| D | Increasing traffic restrictions as the intersection approaches instability. Delays to approaching vehicles may be substantial during short peaks within the peak period, but periodic clearance of long lines occurs. | 25 – 35 sec/veh |
| E | Capacity of the intersection. | 35 – 50 sec/veh |
| F | Jammed conditions where the intersection is over capacity and acceptable gaps for unsignalized intersections in the mainline traffic flow are minimal. | ≥ 50 sec/veh |

The study are intersections currently operate acceptably, and are expected to continue to operate acceptably, at LOS C or better conditions with the Brookfield Public Library and with the identified recommended modifications.





CHAPTER II – PROPOSED DEVELOPMENT

PART A – ON-SITE DEVELOPMENT

A1. Development Description and Site Location

Brookfield Public Library is currently located in the southeast corner of Grand Boulevard & Lincoln Avenue at the six-leg intersection of Grand Boulevard/Lincoln Avenue/Park Avenue in the Village of Brookfield, Cook County, Illinois. The library is proposed to be relocated to the northeast corner of the intersection with the existing library location converted into a parking lot and community greenspace. A study area map is shown in [Exhibit 2-1](#). A project site plan is shown in [Exhibit 2-2](#).

A2. Land Use and Intensity

The new public library will be constructed in the northeast corner of Lincoln Avenue & Park Avenue and is proposed to have a density of 21,380 square feet (sf), which is approximately 7,680 sf greater than the existing 13,700 sf library. The existing public library will be replaced with a community greenspace and a parking lot to accommodate new traffic from the increased library density. Parking for the existing library occurs on-street, and on-street parking may be expected to continue to service the existing density.

A3. Site Plan

The new public library includes bicycle racks with parking for 16 bicycles located in the southwest corner of the property. The proposed landscaping plan includes a shrub hedge along the west side of the property. When combined with the front door and book drop being located along Lincoln Avenue, this landscaping plan will aid in minimizing parking that may otherwise occur on Park Avenue north of the intersection by increasing the walking distance from Park Avenue.

A4. Development Phasing and Timing

For the purpose of the TIS, the new library was assumed to be complete and operational in Year 2019. Though the actual timeline may vary, the area of development is built-out and background traffic volumes are not expected to vary to any substantial degree into the future.

PART B – STUDY AREA

B1. Influence Area

The primary influence area for this traffic study includes the Village of Brookfield.

B2. Area of Significant Traffic Impact

The study area includes the Grand Boulevard/Lincoln Avenue/Park Avenue intersection, the Grand Boulevard & proposed parking lot driveway, and Lincoln Avenue & proposed parking lot driveway.

PART C – SITE ACCESSIBILITY

C1. Study Area Roadways

Grand Boulevard is a two-lane northwest-southeast urban street with on-street parking and a 25-mph speed limit. The Illinois Department of Transportation (IDOT) Year 2018 annual average daily traffic (AADT) volume was approximately 4,350 vehicles per day (vpd) southeast of the study area.

Lincoln Avenue is a one-lane east-west one-way westbound street with on-street parking and a 25-mph speed limit. AADT volume estimates are not recorded by IDOT.

Park Avenue is a north-south street with two-way operation south of Lincoln Avenue and one-way northbound operation north of Lincoln Avenue. On-street parking exists and the speed limit is 25-mph speed limit. AADT volume estimates are not recorded by IDOT.

C2. Transit, Pedestrian & Bicycle Accommodations

Pace Bus operates Route 331: Cumberland-5th Avenue along Grand Boulevard with weekday and weekend service.

Sidewalks are provided along both sides of all three intersecting roadways. The intersection is well designed for pedestrian crossing with crossings widths and with the use of curb extensions for crossing Grand Boulevard.



CHAPTER III – ANALYSIS OF EXISTING CONDITIONS

PART A – PHYSICAL CHARACTERISTICS

The existing transportation detail, showing lane configurations, traffic controls, speed limits, and approximate intersection spacing, is included in [Exhibit 3-1](#).

PART B – TRAFFIC VOLUMES

Existing turning movement traffic counts were collected in 2019 on Thursday, September 5th from 2:30pm to 6:00pm and Saturday, September 7th from 11:00am to 1:00pm. The weather was favorable with temperatures in the mid- to upper-70°F range and no precipitation. TADI noted heavy pedestrian activity during school dismissal, with the highest pedestrian activity observed between 3:00 and 4:00pm. Though not included in the original project scope, this peak hour was added to the study and is identified as the weekday midday peak hour. The weekday midday, weekday evening, and Saturday midday peak hours were identified as 3:00 to 4:00pm, 4:30 to 5:30pm, and 12:00 to 1:00pm.

TADI noted a block party event was set up along Park Avenue north of the study area intersection, with the north leg of Park Avenue closed on Saturday at 12:38pm. In reviewing the traffic volume patterns for movements heading northbound from the intersection, it is concluded that this event had negligible impact on the peak hour traffic volumes and intersection operations. More specifically:

- The block party event did not include signs upstream of the intersection to warn motorists of a street closure on Park Avenue. Therefore, motorists who may have wished to head northbound on Park Avenue were not aware of the event until they were already at the intersection, at which time those same motorists would have continued through the intersection. That is, impacted motorists were included in the traffic counts.
- The turning movement counts were collected in 15-minute increments per traffic engineering standards. The total of all traffic exiting the intersection northbound onto Park Avenue between 11:00am and 12:30pm was between 4- and 11-vehicles per 15-minute increment. The average volume per increment was 9 vehicles. From 12:30 to 12:45pm the volume northbound exiting the intersection was 7 vehicles (2 vehicles less than the average) and between 12:45pm to 1:00pm the volume was 2 vehicles (7 vehicles less than the average). Even if there were no party and an additional 9 vehicles were added north onto Park Avenue, there would be no impact on intersection operations.

The existing traffic volumes are shown in [Exhibit 3-2](#). The traffic counts used to determine peak hour factors and truck percentages have been included in the [appendix](#) of this study. A time stamped video screen shot of Park Avenue being closed for a block party at 12:38pm are included in [Exhibit 3-3](#).

PART C – EXISTING TRAFFIC CAPACITY LEVEL OF SERVICE

C1. Level of Service Definitions

The study area intersections were analyzed based on the procedures set forth in the *Highway Capacity Manual, 6th Edition* (HCM). Intersection operation is defined by “Level of Service”. Level of Service (LOS) is a quantitative measure that refers to the overall quality of flow at an intersection ranging from very good, represented by LOS ‘A’, to very poor, represented by LOS ‘F’. Descriptions of the various levels of service are identified below. For the purpose of this study, and as is standard for use in the urban communities, LOS D or better was used to define desirable peak hour operating conditions.

| LOS | Description | Average Delay |
|-----|---|-----------------|
| A | Intersection approaches appear quite open, turning movements are easily made, and nearly all drivers find freedom of operation. | <10 sec/veh |
| B | Stable operation. | 10 – 15 sec/veh |
| C | Stable operation, but periodic backups of a few vehicles may develop behind turning vehicles. Most drivers begin to feel restricted, but not objectionably so. | 15 – 25 sec/veh |
| D | Increasing traffic restrictions as the intersection approaches instability. Delays to approaching vehicles may be substantial during short peaks within the peak period, but periodic clearance of long lines occurs. | 25 – 35 sec/veh |
| E | Capacity of the intersection. | 35 – 50 sec/veh |
| F | Jammed conditions where the intersection is over capacity and acceptable gaps for unsignalized intersections in the mainline traffic flow are minimal. | ≥ 50 sec/veh |

The peak hour analysis was performed using Synchro and SimTraffic software (version 10.3.122.0).

C2. Existing Traffic Operations

[Exhibit 3-4](#) shows the existing traffic peak hour operating conditions and expected maximum queues at the study area intersection. The existing traffic analysis was performed using the existing transportation detail ([Exhibit 3-1](#)) and existing traffic volumes ([Exhibit 3-2](#)).

As shown in [Exhibit 3-4](#), all movements currently operate acceptably at LOS C or better conditions.

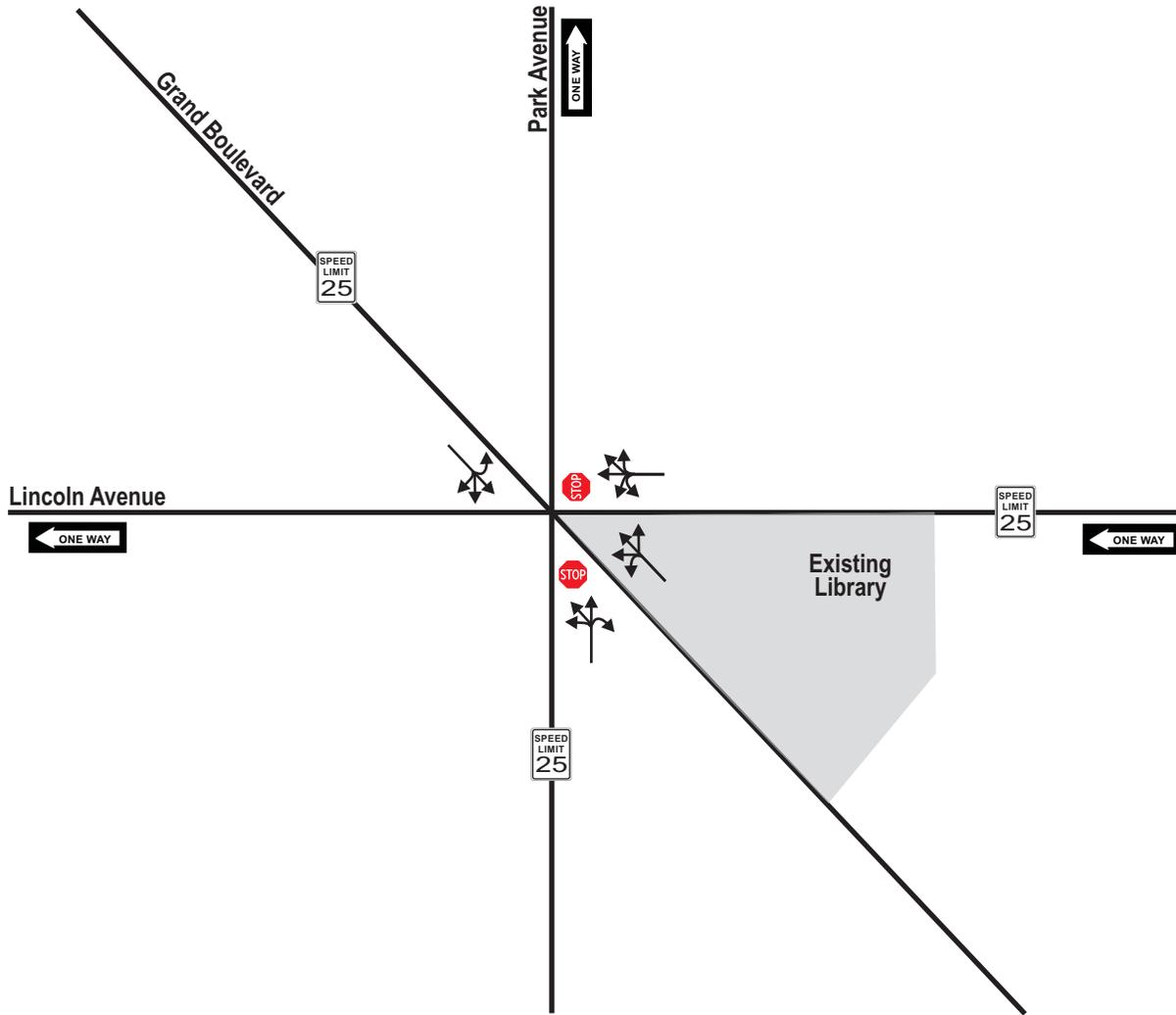
PART D – SOURCES OF DATA

The following sources of data were obtained for use in conducting this traffic study.

- Existing AADT volumes – IDOT
- Turning movement traffic counts – TADI
- Existing transportation detail – TADI
- Development information – Product Architecture & Design

LEGEND

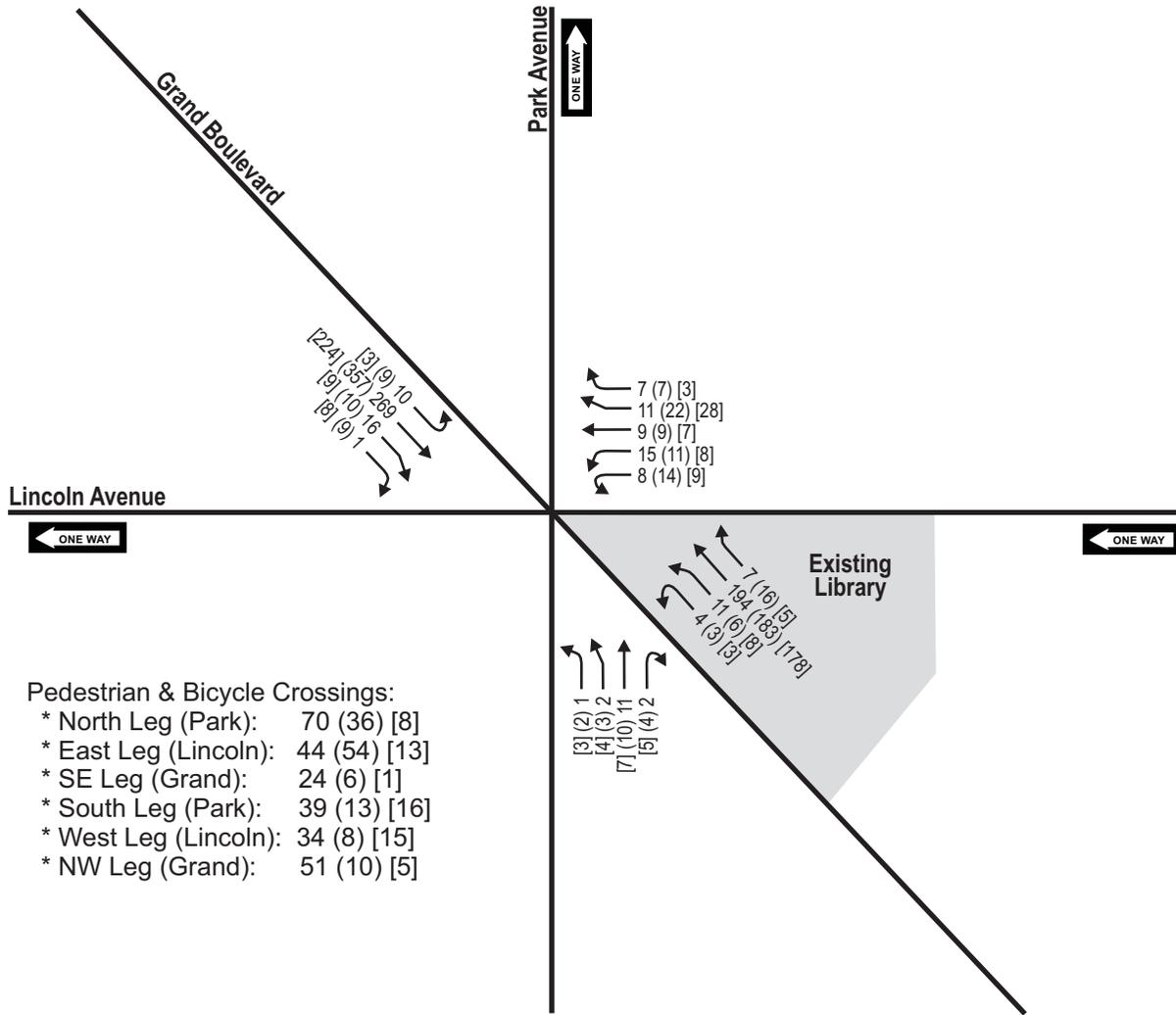
-  Stop Sign
-  Existing Lane Configuration



NOT TO SCALE

LEGEND

- XX Weekday Midday Peak Hour (3:00-4:00PM)
- (XX) Weekday PM Peak Hour (4:30-5:30 PM)
- [XX] Saturday Midday Peak Hour (12:00 AM -1:00 PM)
- Negligible Traffic Volumes



Pedestrian & Bicycle Crossings:

- * North Leg (Park): 70 (36) [8]
- * East Leg (Lincoln): 44 (54) [13]
- * SE Leg (Grand): 24 (6) [1]
- * South Leg (Park): 39 (13) [16]
- * West Leg (Lincoln): 34 (8) [15]
- * NW Leg (Grand): 51 (10) [5]



NOT TO SCALE



Existing Traffic Operations & Queues (Existing Library Location)

| Intersection | Peak Hour | | Level of Service per Movement by Approach | | | | | | | | | | | |
|--|-----------|-------|---|----|----|------------|----|----|----------|----|----|----------|----|----|
| | | | Westbound | | | Northbound | | | SE Bound | | | NW Bound | | |
| | | | LT | TH | RT | LT | TH | RT | LT | TH | RT | LT | TH | RT |
| Grand Blvd (SE & NW), Lincoln Avenue (WB), Park Avenue (NB) Stop Sign | MID | LOS | C | | | C | | | A | | | A | | |
| | | Queue | 20 | | | 20 | | | 20 | | | 20 | | |
| | PM | LOS | B | | | C | | | A | | | A | | |
| | | Queue | 20 | | | 20 | | | 20 | | | 20 | | |
| | SAT | LOS | B | | | B | | | A | | | A | | |
| | | Queue | 20 | | | 20 | | | 20 | | | 20 | | |

(--) indicates a movement that is prohibited or does not exist; *(*)* indicates a freeflow movement.



CHAPTER IV – ANALYSIS OF DEVELOPMENT TRAFFIC

PART A – SITE TRAFFIC FORECASTING

To address any potential future traffic impacts at the study area intersections, it is necessary to identify the hourly volume of traffic generated by anticipated development. The traffic volumes expected to be generated by the development are based on the size and type of the proposed use and on trip rates as published in the Institute of Transportation Engineers' (ITE) *Trip Generation Manual, Tenth Edition*.

A1. Trip Generation

Recall that the new public library will be constructed in the northeast corner of Lincoln Avenue & Park Avenue and is proposed to have a density of 21,380 square feet (sf), which is approximately 7,680 sf greater than the existing 13,700 sf library. The trip generation table for the increased Brookfield Public Library density is shown in [Exhibit 4-1](#).

According to ITE data, the library expansion is expected to generate approximately 66 additional new trips (34 in/32 out) during the weekday midday school dismissal peak hour, 63 additional new trips (30 in/33 out) during the weekday evening peak hour, and 97 additional new trips (51 in/46 out) during the Saturday midday peak hour. The development is expected to generate 554 additional new trips (277 in/277 out) on a typical weekday.

A2. Mode Split

Though readily accessible via transit, walking, and bicycling, the analysis assumes a worse case scenario with all additional development traffic occurring via motorized vehicle. This assumption assumes more traffic will occur through the study area intersections to test the robustness of its capacity.

A3. Determination of Linked and Pass-By Trip Traffic

Linked trips occur when a motorist visits one or more tenant or uses within a development site. Because the development has one user, no linked trips are expected to occur.

Pass-by trips occur when motorists already on the roadway system stop at a development prior to continuing on their intended route (e.g. a motorist northwestbound on Grand Boulevard stops at the drop off prior to continuing northwestbound). Though pass-by trips to the book drop may occur, the analysis presents a worse case scenario by assuming pass-by trips do not occur. This assumption assumes more traffic will occur through the study area intersections to further test the robustness of its capacity.

A4. Trip Distribution

[Exhibit 4-1](#) shows the trip distribution and volume of traffic by direction. “In” means inbound to the study area. “Out” means outbound from the study area. The following distribution was assumed.

- North on Grand Boulevard – 45% In/40% Out
- South on Grand Boulevard – 40% In/45% Out
- East on Lincoln Avenue – 10% In (Westbound Only Street)
- West on Lincoln Avenue – 5% Out (Westbound Only Street)
- South on Park Avenue – 5% In/5% Out
- North on Park Avenue – 5% Out (Northbound Only Street)

A5. Trip Assignment

New trips for the Brookfield Public Library were assigned to the study area intersections based on the identified trip distribution. The Brookfield Public Library new trips are shown in [Exhibit 4-2](#).

PART B – BUILD TRAFFIC VOLUMES

The build traffic volumes were determined by adding the existing traffic volumes ([Exhibit 3-2](#)) to the Brookfield Public Library new trips ([Exhibit 4-2](#)). The build traffic volumes are shown in [Exhibit 4-3](#).

PART C – DEVELOPMENT TRAFFIC CAPACITY LEVEL OF SERVICE

[Exhibit 4-4](#) shows the build traffic peak hour operating conditions and expected maximum queues at the study area intersections. The build traffic analysis was performed using the existing transportation detail ([Exhibit 3-1](#)) and the build traffic volumes ([Exhibit 4-3](#)).

As shown in [Exhibit 4-4](#), all movements are expected to continue to operate at LOS C or better conditions.

Brookfield Public Library Trip Generation Table

| Land Use | ITE Code | Proposed Size | Weekday Daily | MID Peak* | | | PM Peak | | | SAT Peak | | |
|------------------------|----------|-----------------|----------------|-------------|-------------|--------------|-------------|-------------|--------------|-------------|-------------|---------------|
| | | | | In | Out | Total | In | Out | Total | In | Out | Total |
| Library | 590 | 7.68 x 1,000 SF | 554 (72.05) | 34 (52%) | 32 (48%) | 66 (8.53) | 30 (48%) | 33 (52%) | 63 (8.16) | 51 (53%) | 46 (47%) | 97 (12.60) |
| Total New Trips | | | 554 | 34 | 32 | 66 | 30 | 33 | 63 | 51 | 46 | 97 |

*"MID Peak" used to describe peak hour encompassing school dismissal. MID Peak trip rate & in/out split based on Generator PM Peak.

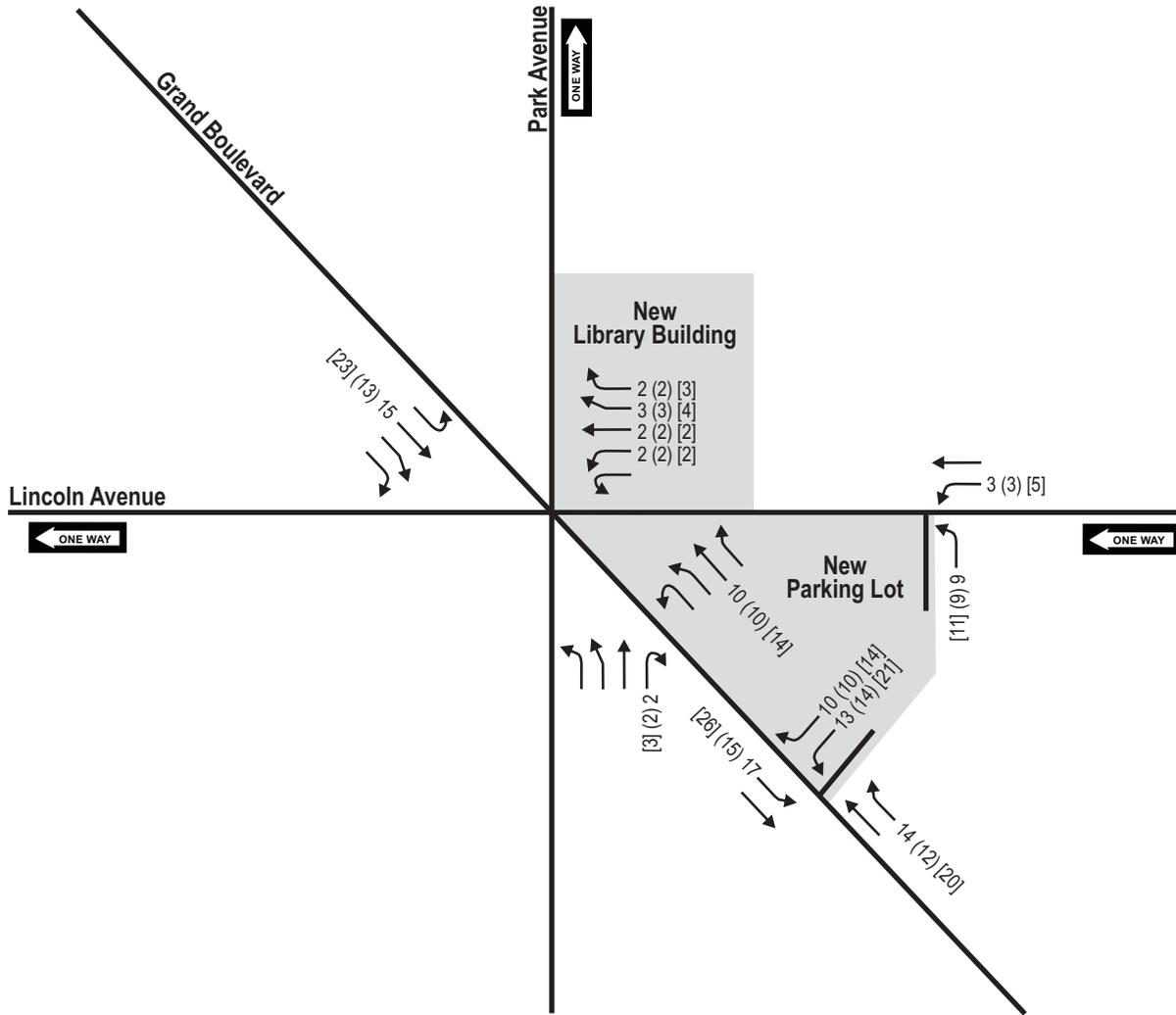
Trip Distribution:

| | In | Out | | In | Out | | In | Out | | In | Out |
|---------------------------|-------------|-------------|------------|-----------|-----------|--|-----------|-----------|--|-----------|-----------|
| Northwest on Grand | 45% | 40% | 236 | 15 | 13 | | 13 | 13 | | 23 | 18 |
| Southeast on Grand | 40% | 45% | 234 | 14 | 13 | | 12 | 14 | | 20 | 21 |
| East on Lincoln (WB Only) | 10% | 0% | 28 | 3 | | | 3 | | | 5 | |
| West on Lincoln (WB Only) | 0% | 5% | 14 | | 2 | | | 2 | | | 2 |
| South on Park | 5% | 5% | 28 | 2 | 2 | | 2 | 2 | | 3 | 2 |
| North on Park (NB Only) | 0% | 5% | 14 | | 2 | | | 2 | | | 3 |
| | 100% | 100% | 554 | 34 | 32 | | 30 | 33 | | 51 | 46 |



LEGEND

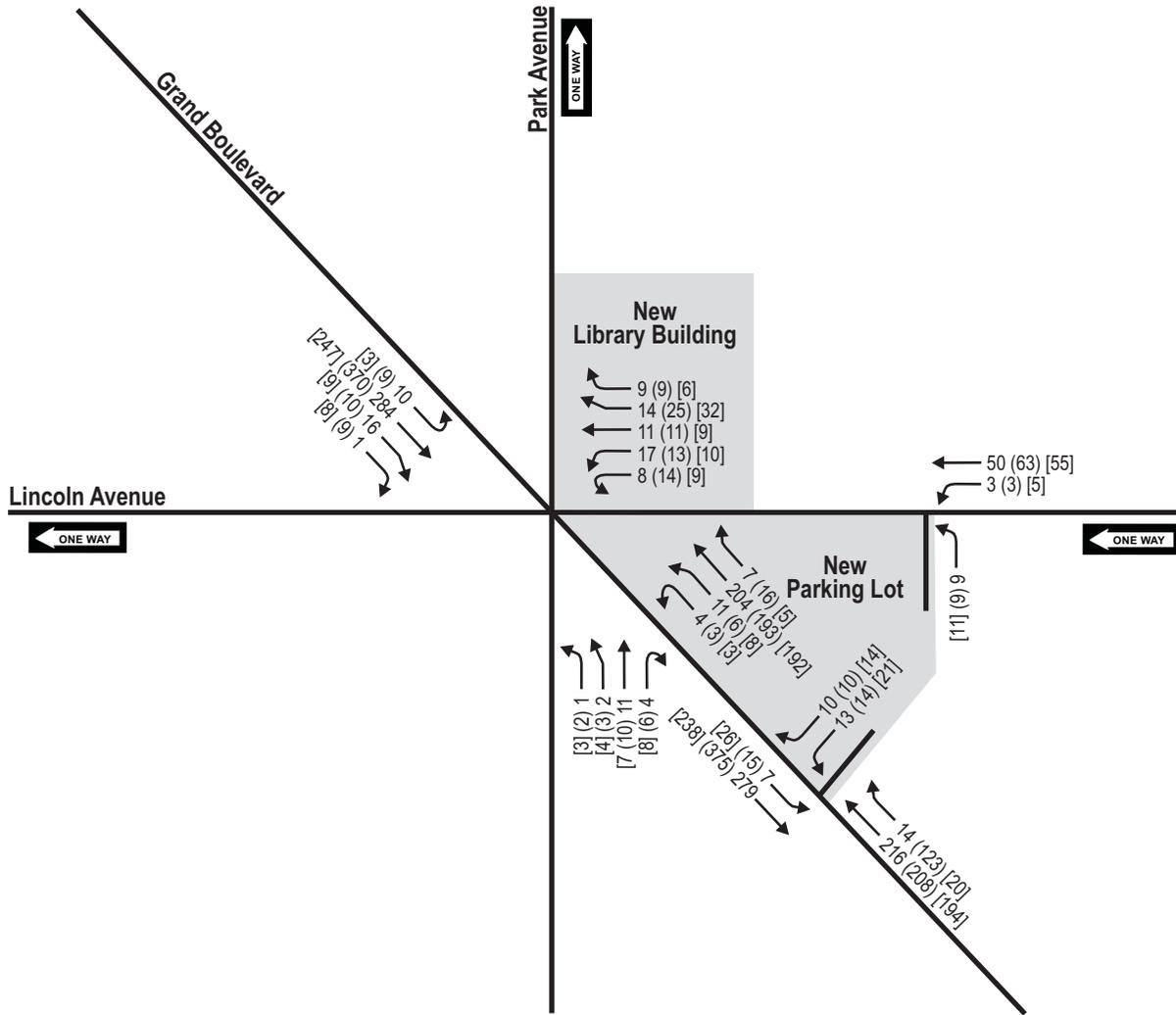
- XX Weekday Midday Peak Hour (3:00-4:00PM)
- (XX) Weekday PM Peak Hour (4:30-5:30 PM)
- [XX] Saturday Midday Peak Hour (12:00 AM -1:00 PM)
- Negligible Traffic Volumes



NOT TO SCALE

LEGEND

- XX Weekday Midday Peak Hour (3:00-4:00PM)
- (XX) Weekday PM Peak Hour (4:30-5:30 PM)
- [XX] Saturday Midday Peak Hour (12:00 AM -1:00 PM)
- Negligible Traffic Volumes



NOT TO SCALE

Build Traffic Operations & Queues (Relocated Library)

| Intersection | Peak Hour | | Level of Service per Movement by Approach | | | | | | | | | | | |
|---|-----------|-------|---|----|----|------------|----|----|----------|----|----|----------|----|----|
| | | | Westbound | | | Northbound | | | SE Bound | | | NW Bound | | |
| | | | LT | TH | RT | LT | TH | RT | LT | TH | RT | LT | TH | RT |
| Grand Blvd (SE & NW), Lincoln Avenue (WB), Park Avenue (NB) <i>Stop Sign</i> | MID | LOS | C | | | C | | | A | | | A | | |
| | | Queue | 20 | | | 20 | | | 20 | | | 20 | | |
| | PM | LOS | B | | | C | | | A | | | A | | |
| | | Queue | 20 | | | 20 | | | 20 | | | 20 | | |
| | SAT | LOS | B | | | B | | | A | | | A | | |
| | | Queue | 20 | | | 20 | | | 20 | | | 20 | | |
| Lincoln Avenue (WB) & Library Parking Lot Driveway (NB) <i>Stop Sign</i> | MID | LOS | A | | | A | | | -- | | | -- | | |
| | | Queue | 20 | | | 20 | | | -- | | | -- | | |
| | PM | LOS | A | | | A | | | -- | | | -- | | |
| | | Queue | 20 | | | 20 | | | -- | | | -- | | |
| | SAT | LOS | A | | | A | | | -- | | | -- | | |
| | | Queue | 20 | | | 20 | | | -- | | | -- | | |
| Grand Boulevard (SE & NW) & Library Parking Lot Driveway (WB) <i>Stop Sign</i> | MID | LOS | B | | | -- | | | A | | | A | | |
| | | Queue | 20 | | | -- | | | 20 | | | 20 | | |
| | PM | LOS | B | | | -- | | | A | | | A | | |
| | | Queue | 20 | | | -- | | | 20 | | | 20 | | |
| | SAT | LOS | B | | | -- | | | A | | | A | | |
| | | Queue | 20 | | | -- | | | 20 | | | 20 | | |

(--) indicates a movement that is prohibited or does not exist; (*) indicates a freeflow movement.



CHAPTER V – RECOMMENDATIONS AND CONCLUSION

PART A – RECOMMENDED MODIFICATIONS

Modifications to address traffic impacts are shown in [Exhibit 1-3](#). *Recommended modifications are advisory for jurisdictional consideration and are not legally binding. The Village of Brookfield reserves the right to determine alternative solutions.*

Grand Boulevard/Lincoln Avenue/Park Avenue

- Consider adding a second crossing guard to the intersection to aid the existing crossing guard during school arrival and dismissal periods.

Grand Boulevard & Proposed Driveway

- Provide shared lanes on all approaches of the intersection (no dedicated turn lanes are necessary).
- Install a stop sign to control the driveway approach to Grand Boulevard.

Lincoln Avenue & Proposed Driveway

- Provided shared lanes on all approaches of the intersection (no dedicated turn lanes are necessary).
- Install a stop sign to control the driveway approach to Lincoln Avenue.
- Consider installing a “LEFT-TURN ONLY” or “ONE WAY” sign at the intersection to inform motorists exiting the driveway of the one-way nature of Lincoln Avenue.

PART B – CONCLUSION

The study area intersections were analyzed based on the procedures set forth in the *Highway Capacity Manual, 6th Edition* (HCM). Intersection operation is defined by “Level of Service”. Level of Service (LOS) is a quantitative measure that refers to the overall quality of flow at an intersection ranging from very good, represented by LOS ‘A’, to very poor, represented by LOS ‘F’. For the purpose of this study, and as is standard for use in the urban communities, LOS D or better was used to define desirable peak hour operating conditions.

| LOS | Description | Average Delay |
|-----|---|-----------------|
| A | Intersection approaches appear quite open, turning movements are easily made, and nearly all drivers find freedom of operation. | <10 sec/veh |
| B | Stable operation. | 10 – 15 sec/veh |
| C | Stable operation, but periodic backups of a few vehicles may develop behind turning vehicles. Most drivers begin to feel restricted, but not objectionably so. | 15 – 25 sec/veh |
| D | Increasing traffic restrictions as the intersection approaches instability. Delays to approaching vehicles may be substantial during short peaks within the peak period, but periodic clearance of long lines occurs. | 25 – 35 sec/veh |
| E | Capacity of the intersection. | 35 – 50 sec/veh |
| F | Jammed conditions where the intersection is over capacity and acceptable gaps for unsignalized intersections in the mainline traffic flow are minimal. | ≥ 50 sec/veh |

The study are intersections currently operate acceptably, and are expected to continue to operate acceptably, at LOS C or better conditions with the Brookfield Public Library and with the identified recommended modifications.

APPENDIX A

SEPTEMBER OF 2019 TURNING MOVEMENT TRAFFIC COUNTS

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

All Vehicles

| Weekday MID | | | | | | | One-way NB Only | | | | | | | | | | | | | One-way WB Only | Total | | | | |
|------------------|--------------------------------|------|-----------|-----------|----------|----------|--------------------------|-----------|------|------------|-----------|----------|--------------------------------|-----------|------|-----------|----------|-----------|------------------------|--------------------|------------|----------|----------|---------|------|
| Thursday 9/5/19 | | | | | | | Park SB | | | | | | | | | | | | | Linc EB | Vehicle | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | | Lincoln Avenue Westbound | | | | | | Grand Boulevard Northwestbound | | | | | | Park Avenue Northbound | | | | | | |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Ped/Bike | Ped/Bike | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Ped/Bike | LT (Park) | LT (Linc) | Thru | RT (Park) | Ped/Bike | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Ped/Bike | Ped/Bike | Volumes | |
| 2:30 PM | 5 | 35 | 1 | 1 | 1 | 1 | 1 | 4 | 2 | 4 | 2 | 1 | 0 | 2 | 37 | 4 | 2 | 0 | 3 | 1 | 2 | 1 | 1 | 104 | |
| 2:45 PM | 0 | 67 | 1 | 2 | 2 | 4 | 0 | 1 | 4 | 3 | 3 | 3 | 5 | 1 | 45 | 2 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 139 | |
| 3:00 PM | 4 | 61 | 1 | 0 | 25 | 24 | 2 | 7 | 2 | 4 | 3 | 8 | 0 | 2 | 47 | 3 | 3 | 1 | 0 | 3 | 1 | 19 | 17 | 141 | |
| 3:15 PM | 4 | 62 | 3 | 0 | 9 | 13 | 2 | 2 | 4 | 3 | 0 | 11 | 2 | 3 | 57 | 1 | 12 | 0 | 0 | 1 | 1 | 9 | 8 | 145 | |
| 3:30 PM | 0 | 71 | 6 | 0 | 11 | 20 | 2 | 4 | 1 | 3 | 2 | 13 | 1 | 3 | 51 | 2 | 3 | 0 | 1 | 1 | 0 | 5 | 6 | 148 | |
| 3:45 PM | 2 | 75 | 6 | 1 | 6 | 13 | 2 | 2 | 2 | 1 | 2 | 12 | 1 | 3 | 39 | 1 | 6 | 0 | 1 | 6 | 0 | 6 | 3 | 144 | |
| 4:00 PM | 7 | 92 | 4 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 12 | 1 | 4 | 31 | 3 | 12 | 0 | 1 | 0 | 0 | 11 | 10 | 158 | |
| 4:15 PM | 3 | 71 | 0 | 0 | 3 | 4 | 0 | 1 | 1 | 3 | 1 | 5 | 0 | 2 | 48 | 2 | 4 | 1 | 3 | 5 | 0 | 4 | 4 | 141 | |
| 4:30 PM | 2 | 98 | 0 | 2 | 4 | 10 | 5 | 1 | 2 | 2 | 0 | 11 | 0 | 5 | 48 | 5 | 0 | 2 | 1 | 3 | 1 | 3 | 2 | 177 | |
| 4:45 PM | 4 | 96 | 1 | 1 | 3 | 10 | 3 | 5 | 0 | 4 | 0 | 7 | 0 | 0 | 49 | 4 | 1 | 0 | 0 | 1 | 1 | 2 | 1 | 169 | |
| 5:00 PM | 1 | 82 | 4 | 1 | 1 | 4 | 3 | 4 | 4 | 10 | 3 | 21 | 1 | 1 | 44 | 6 | 1 | 0 | 0 | 3 | 2 | 4 | 3 | 169 | |
| 5:15 PM | 2 | 81 | 5 | 5 | 2 | 12 | 3 | 1 | 3 | 6 | 4 | 15 | 2 | 0 | 42 | 1 | 4 | 0 | 2 | 3 | 0 | 4 | 2 | 160 | |
| 5:30 PM | 1 | 91 | 4 | 3 | 1 | 3 | 4 | 1 | 2 | 5 | 2 | 9 | 1 | 3 | 53 | 2 | 4 | 0 | 1 | 1 | 2 | 3 | 2 | 176 | |
| 5:45 PM | 0 | 93 | 4 | 2 | 2 | 4 | 3 | 1 | 1 | 2 | 2 | 6 | 3 | 1 | 29 | 4 | 1 | 0 | 1 | 0 | 0 | 3 | 3 | 146 | |
| Peak Hour Volume | 10 | 269 | 16 | 1 | 51 | 70 | 8 | 15 | 9 | 11 | 7 | 44 | 4 | 11 | 194 | 7 | 24 | 1 | 2 | 11 | 2 | 39 | 34 | 578 | |
| Approach Volume | 296 | | | | | | 50 | | | | | | 216 | | | | | | 16 | | | | | | |
| Trucks/Buses | 0 | 8 | 0 | 0 | | | 1 | 0 | 2 | 1 | 0 | | 1 | 0 | 6 | 0 | | 0 | 0 | 0 | 0 | | | | |
| % HV By Approach | 2.7% | | | | | | 8.0% | | | | | | 3.2% | | | | | | 0.0% | | | | | | |
| PHF by Approach | 0.88 | | | | | | 0.69 | | | | | | 0.86 | | | | | | 0.57 | | | | | | 0.98 |

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

Autos

| Weekday MID | | | | | | One-way NB Only | | | | | | | | | | | | | One-way WB Only | Total | | | | |
|------------------|--------------------------------|------|-----------|-----------|------|--------------------------|------------|-----------|------|------------|-----------|--------------------------------|-----------|-----------|------|-----------|------|------------------------|--------------------|---------|------------|------|------|---------|
| Thursday 9/5/19 | | | | | | Park SB | | | | | | | | | | | | | Linc EB | Vehicle | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | Lincoln Avenue Westbound | | | | | | Grand Boulevard Northwestbound | | | | | | Park Avenue Northbound | | | | | | Volumes |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Peds | Peds | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Peds | LT (Park) | LT (Linc) | Thru | RT (Park) | Peds | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Peds | Peds | Volumes |
| 2:30 PM | 5 | 33 | 1 | 1 | 0 | 0 | 1 | 3 | 2 | 4 | 2 | 0 | 0 | 2 | 36 | 4 | 1 | 0 | 3 | 1 | 2 | 0 | 0 | 100 |
| 2:45 PM | 0 | 63 | 1 | 1 | 2 | 4 | 0 | 1 | 3 | 2 | 3 | 3 | 5 | 1 | 44 | 2 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 129 |
| 3:00 PM | 4 | 58 | 1 | 0 | 22 | 21 | 1 | 7 | 2 | 3 | 3 | 6 | 0 | 2 | 46 | 3 | 1 | 1 | 0 | 3 | 1 | 15 | 16 | 135 |
| 3:15 PM | 4 | 59 | 3 | 0 | 7 | 6 | 2 | 2 | 4 | 3 | 0 | 4 | 1 | 3 | 54 | 1 | 7 | 0 | 0 | 1 | 1 | 6 | 5 | 138 |
| 3:30 PM | 0 | 69 | 6 | 0 | 8 | 19 | 2 | 4 | 0 | 3 | 2 | 11 | 1 | 3 | 50 | 2 | 3 | 0 | 1 | 1 | 0 | 3 | 2 | 144 |
| 3:45 PM | 2 | 75 | 6 | 1 | 6 | 10 | 2 | 2 | 1 | 1 | 2 | 11 | 1 | 3 | 38 | 1 | 5 | 0 | 1 | 6 | 0 | 6 | 3 | 142 |
| 4:00 PM | 7 | 92 | 4 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 10 | 1 | 3 | 29 | 2 | 12 | 0 | 1 | 0 | 0 | 10 | 9 | 154 |
| 4:15 PM | 3 | 71 | 0 | 0 | 3 | 4 | 0 | 1 | 1 | 3 | 1 | 5 | 0 | 2 | 47 | 2 | 4 | 1 | 3 | 5 | 0 | 3 | 3 | 140 |
| 4:30 PM | 2 | 97 | 0 | 2 | 4 | 6 | 5 | 1 | 2 | 2 | 0 | 9 | 0 | 5 | 48 | 5 | 0 | 1 | 1 | 3 | 1 | 3 | 2 | 175 |
| 4:45 PM | 4 | 93 | 1 | 1 | 1 | 6 | 3 | 5 | 0 | 4 | 0 | 4 | 0 | 0 | 45 | 4 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 162 |
| 5:00 PM | 1 | 80 | 4 | 1 | 1 | 4 | 3 | 4 | 4 | 9 | 3 | 20 | 1 | 1 | 43 | 6 | 1 | 0 | 0 | 3 | 2 | 3 | 2 | 165 |
| 5:15 PM | 2 | 80 | 5 | 5 | 1 | 11 | 3 | 1 | 3 | 6 | 4 | 14 | 2 | 0 | 42 | 1 | 3 | 0 | 2 | 3 | 0 | 4 | 2 | 159 |
| 5:30 PM | 1 | 90 | 4 | 3 | 1 | 2 | 4 | 1 | 2 | 5 | 2 | 5 | 1 | 3 | 52 | 2 | 3 | 0 | 1 | 1 | 2 | 3 | 2 | 174 |
| 5:45 PM | 0 | 89 | 4 | 2 | 0 | 1 | 3 | 1 | 1 | 2 | 2 | 5 | 3 | 1 | 29 | 4 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 142 |
| Peak Hour Volume | 10 | 261 | 16 | 1 | 43 | 56 | 7 | 15 | 7 | 10 | 7 | 32 | 3 | 11 | 188 | 7 | 16 | 1 | 2 | 11 | 2 | 30 | 26 | 559 |

Note: During the 12:00 Noon hour, one vehicle made a Left Turn onto Lincoln going the wrong way on a one way street

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

Trucks

| Weekday MID | | | | | | One-way NB Only | | | | | | | | | | | One-way WB Only | Total | | | | | | | |
|------------------|--------------------------------|------|-----------|-----------|-------|--------------------|--------------------------|-----------|------|------------|-----------|--------------------------------|-----------|-----------|------|-----------|------------------------|-----------|------------|------|------------|-------|----------|---------|----|
| Thursday 9/5/19 | | | | | | Park SB | | | | | | | | | | | Linc EB | Vehicle | | | | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | | Lincoln Avenue Westbound | | | | | Grand Boulevard Northwestbound | | | | | Park Avenue Northbound | | | | | | | | |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Bikes | Bikes | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Bikes | LT (Park) | LT (Linc) | Thru | RT (Park) | Bikes | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Bikes | Ped/Bike | Volumes | |
| 2:30 PM | | 2 | | | 1 | 1 | | 1 | | | | 1 | | | 1 | | 1 | | | 1 | | 1 | 1 | 4 | |
| 2:45 PM | | 1 | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | 3 | |
| 3:00 PM | | 2 | | | 3 | 3 | | | | | | | | | 1 | | 2 | | | 1 | | 4 | 1 | 3 | |
| 3:15 PM | | 2 | | | 2 | 7 | | | | | | 7 | 1 | | 2 | | 5 | | | | | 3 | 3 | 5 | |
| 3:30 PM | | | | | 3 | 1 | | | | | | | | | 1 | | 0 | | | | | 2 | 4 | 1 | |
| 3:45 PM | | | | | | 3 | | | 1 | | | 1 | | | | | 1 | | | | | | | 1 | |
| 4:00 PM | | | | | | | | | | | | 2 | | | | 1 | | | | | | 1 | 1 | 1 | |
| 4:15 PM | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 0 | |
| 4:30 PM | | 1 | | | | 4 | | | | | | 2 | | | | | | | | | | | | 2 | |
| 4:45 PM | | 2 | | | 2 | 4 | | | | | | 3 | | | 4 | | | | | | | | 1 | 1 | 6 |
| 5:00 PM | | 2 | | | | | | | | 1 | | 1 | | | | | | | | | | | 1 | 1 | 3 |
| 5:15 PM | | 1 | | | 1 | 1 | | | | | | 1 | | | | | 1 | | | | | | | | 1 |
| 5:30 PM | | 1 | | | | 1 | | | | | | 4 | | | 1 | | 1 | | | | | | | | 2 |
| 5:45 PM | | 3 | | | 2 | 3 | | | | | | 1 | | | | | 1 | | | | | | 2 | 2 | 3 |
| Peak Hour Volume | 0 | 4 | 0 | 0 | 8 | 14 | 0 | 0 | 1 | 0 | 0 | 10 | 1 | 0 | 4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 9 | 8 | 10 |

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

All Vehicles

| Weekday MID | | | | | | | One-way NB Only | | | | | | | | | | | | | One-way WB Only | Total | | | | |
|------------------|--------------------------------|------|-----------|-----------|----------|----------|--------------------------|-----------|------|------------|-----------|----------|--------------------------------|-----------|------|-----------|----------|-----------|------------------------|--------------------|------------|----------|----------|---------|------|
| Thursday 9/5/19 | | | | | | | Park SB | | | | | | | | | | | | | Linc EB | Vehicle | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | | Lincoln Avenue Westbound | | | | | | Grand Boulevard Northwestbound | | | | | | Park Avenue Northbound | | | | | | |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Ped/Bike | Ped/Bike | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Ped/Bike | LT (Park) | LT (Linc) | Thru | RT (Park) | Ped/Bike | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Ped/Bike | Ped/Bike | Volumes | |
| 2:30 PM | 5 | 35 | 1 | 1 | 1 | 1 | 1 | 4 | 2 | 4 | 2 | 1 | 0 | 2 | 37 | 4 | 2 | 0 | 3 | 1 | 2 | 1 | 1 | 104 | |
| 2:45 PM | 0 | 67 | 1 | 2 | 2 | 4 | 0 | 1 | 4 | 3 | 3 | 3 | 5 | 1 | 45 | 2 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 139 | |
| 3:00 PM | 4 | 61 | 1 | 0 | 25 | 24 | 2 | 7 | 2 | 4 | 3 | 8 | 0 | 2 | 47 | 3 | 3 | 1 | 0 | 3 | 1 | 19 | 17 | 141 | |
| 3:15 PM | 4 | 62 | 3 | 0 | 9 | 13 | 2 | 2 | 4 | 3 | 0 | 11 | 2 | 3 | 57 | 1 | 12 | 0 | 0 | 1 | 1 | 9 | 8 | 145 | |
| 3:30 PM | 0 | 71 | 6 | 0 | 11 | 20 | 2 | 4 | 1 | 3 | 2 | 13 | 1 | 3 | 51 | 2 | 3 | 0 | 1 | 1 | 0 | 5 | 6 | 148 | |
| 3:45 PM | 2 | 75 | 6 | 1 | 6 | 13 | 2 | 2 | 2 | 1 | 2 | 12 | 1 | 3 | 39 | 1 | 6 | 0 | 1 | 6 | 0 | 6 | 3 | 144 | |
| 4:00 PM | 7 | 92 | 4 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 12 | 1 | 4 | 31 | 3 | 12 | 0 | 1 | 0 | 0 | 11 | 10 | 158 | |
| 4:15 PM | 3 | 71 | 0 | 0 | 3 | 4 | 0 | 1 | 1 | 3 | 1 | 5 | 0 | 2 | 48 | 2 | 4 | 1 | 3 | 5 | 0 | 4 | 4 | 141 | |
| 4:30 PM | 2 | 98 | 0 | 2 | 4 | 10 | 5 | 1 | 2 | 2 | 0 | 11 | 0 | 5 | 48 | 5 | 0 | 2 | 1 | 3 | 1 | 3 | 2 | 177 | |
| 4:45 PM | 4 | 96 | 1 | 1 | 3 | 10 | 3 | 5 | 0 | 4 | 0 | 7 | 0 | 0 | 49 | 4 | 1 | 0 | 0 | 1 | 1 | 2 | 1 | 169 | |
| 5:00 PM | 1 | 82 | 4 | 1 | 1 | 4 | 3 | 4 | 4 | 10 | 3 | 21 | 1 | 1 | 44 | 6 | 1 | 0 | 0 | 3 | 2 | 4 | 3 | 169 | |
| 5:15 PM | 2 | 81 | 5 | 5 | 2 | 12 | 3 | 1 | 3 | 6 | 4 | 15 | 2 | 0 | 42 | 1 | 4 | 0 | 2 | 3 | 0 | 4 | 2 | 160 | |
| 5:30 PM | 1 | 91 | 4 | 3 | 1 | 3 | 4 | 1 | 2 | 5 | 2 | 9 | 1 | 3 | 53 | 2 | 4 | 0 | 1 | 1 | 2 | 3 | 2 | 176 | |
| 5:45 PM | 0 | 93 | 4 | 2 | 2 | 4 | 3 | 1 | 1 | 2 | 2 | 6 | 3 | 1 | 29 | 4 | 1 | 0 | 1 | 0 | 0 | 3 | 3 | 146 | |
| Peak Hour Volume | 9 | 357 | 10 | 9 | 10 | 36 | 14 | 11 | 9 | 22 | 7 | 54 | 3 | 6 | 183 | 16 | 6 | 2 | 3 | 10 | 4 | 13 | 8 | 675 | |
| Approach Volume | 385 | | | | | | 63 | | | | | | 208 | | | | | | 19 | | | | | | 675 |
| Trucks/Buses | 0 | 7 | 0 | 0 | | | 0 | 0 | 0 | 1 | 0 | | 0 | 0 | 5 | 0 | | 1 | 0 | 0 | 0 | | | | |
| % HV By Approach | 1.8% | | | | | | 1.6% | | | | | | 2.4% | | | | | | 5.3% | | | | | | |
| PHF by Approach | 0.94 | | | | | | 0.66 | | | | | | 0.90 | | | | | | 0.68 | | | | | | 0.95 |

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

Autos

| Weekday MID | | | | | | One-way NB Only | | | | | | | | | | | One-way WB Only | Total Vehicle | | | | | | |
|------------------|--------------------------------|------|-----------|-----------|------|--------------------|--------------------------|-----------|------|------------|-----------|--------------------------------|-----------|-----------|------|-----------|------------------------|------------------|------------|------|------------|------|------|---------|
| Thursday 9/5/19 | | | | | | Park SB | | | | | | | | | | | Linc EB | | | | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | | Lincoln Avenue Westbound | | | | | Grand Boulevard Northwestbound | | | | | Park Avenue Northbound | | | | | | | |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Peds | Peds | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Peds | LT (Park) | LT (Linc) | Thru | RT (Park) | Peds | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Peds | Peds | Volumes |
| 2:30 PM | 5 | 33 | 1 | 1 | 0 | 0 | 1 | 3 | 2 | 4 | 2 | 0 | 0 | 2 | 36 | 4 | 1 | 0 | 3 | 1 | 2 | 0 | 0 | 100 |
| 2:45 PM | 0 | 63 | 1 | 1 | 2 | 4 | 0 | 1 | 3 | 2 | 3 | 3 | 5 | 1 | 44 | 2 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 129 |
| 3:00 PM | 4 | 58 | 1 | 0 | 22 | 21 | 1 | 7 | 2 | 3 | 3 | 6 | 0 | 2 | 46 | 3 | 1 | 1 | 0 | 3 | 1 | 15 | 16 | 135 |
| 3:15 PM | 4 | 59 | 3 | 0 | 7 | 6 | 2 | 2 | 4 | 3 | 0 | 4 | 1 | 3 | 54 | 1 | 7 | 0 | 0 | 1 | 1 | 6 | 5 | 138 |
| 3:30 PM | 0 | 69 | 6 | 0 | 8 | 19 | 2 | 4 | 0 | 3 | 2 | 11 | 1 | 3 | 50 | 2 | 3 | 0 | 1 | 1 | 0 | 3 | 2 | 144 |
| 3:45 PM | 2 | 75 | 6 | 1 | 6 | 10 | 2 | 2 | 1 | 1 | 2 | 11 | 1 | 3 | 38 | 1 | 5 | 0 | 1 | 6 | 0 | 6 | 3 | 142 |
| 4:00 PM | 7 | 92 | 4 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 10 | 1 | 3 | 29 | 2 | 12 | 0 | 1 | 0 | 0 | 10 | 9 | 154 |
| 4:15 PM | 3 | 71 | 0 | 0 | 3 | 4 | 0 | 1 | 1 | 3 | 1 | 5 | 0 | 2 | 47 | 2 | 4 | 1 | 3 | 5 | 0 | 3 | 3 | 140 |
| 4:30 PM | 2 | 97 | 0 | 2 | 4 | 6 | 5 | 1 | 2 | 2 | 0 | 9 | 0 | 5 | 48 | 5 | 0 | 1 | 1 | 3 | 1 | 3 | 2 | 175 |
| 4:45 PM | 4 | 93 | 1 | 1 | 1 | 6 | 3 | 5 | 0 | 4 | 0 | 4 | 0 | 0 | 45 | 4 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 162 |
| 5:00 PM | 1 | 80 | 4 | 1 | 1 | 4 | 3 | 4 | 4 | 9 | 3 | 20 | 1 | 1 | 43 | 6 | 1 | 0 | 0 | 3 | 2 | 3 | 2 | 165 |
| 5:15 PM | 2 | 80 | 5 | 5 | 1 | 11 | 3 | 1 | 3 | 6 | 4 | 14 | 2 | 0 | 42 | 1 | 3 | 0 | 2 | 3 | 0 | 4 | 2 | 159 |
| 5:30 PM | 1 | 90 | 4 | 3 | 1 | 2 | 4 | 1 | 2 | 5 | 2 | 5 | 1 | 3 | 52 | 2 | 3 | 0 | 1 | 1 | 2 | 3 | 2 | 174 |
| 5:45 PM | 0 | 89 | 4 | 2 | 0 | 1 | 3 | 1 | 1 | 2 | 2 | 5 | 3 | 1 | 29 | 4 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 142 |
| Peak Hour Volume | 9 | 350 | 10 | 9 | 7 | 27 | 14 | 11 | 9 | 21 | 7 | 47 | 3 | 6 | 178 | 16 | 5 | 1 | 3 | 10 | 4 | 11 | 6 | 661 |

Note: During the 12:00 Noon hour, one vehicle made a Left Turn onto Lincoln going the wrong way on a one way street

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

Trucks

| Weekday MID | | | | | | One-way NB Only | | | | | | | | | | | One-way WB Only | Total | | | | | | |
|------------------|--------------------------------|------|-----------|-----------|-------|--------------------|--------------------------|-----------|------|------------|-----------|--------------------------------|-----------|-----------|------|-----------|------------------------|-----------|------------|------|------------|-------|----------|---------|
| Thursday 9/5/19 | | | | | | Park SB | | | | | | | | | | | Linc EB | Vehicle | | | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | | Lincoln Avenue Westbound | | | | | Grand Boulevard Northwestbound | | | | | Park Avenue Northbound | | | | | | | |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Bikes | Bikes | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Bikes | LT (Park) | LT (Linc) | Thru | RT (Park) | Bikes | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Bikes | Ped/Bike | Volumes |
| 2:30 PM | | 2 | | | 1 | 1 | | 1 | | | | 1 | | | 1 | | 1 | | | 1 | | 1 | 1 | 4 |
| 2:45 PM | | 1 | | | | | | | | | | | | | | | | | 1 | | | 1 | 1 | 3 |
| 3:00 PM | | 2 | | | 3 | 3 | | | | | | | | | 1 | | 2 | | | 1 | | 4 | 1 | 3 |
| 3:15 PM | | 2 | | | 2 | 7 | | | | | | 7 | 1 | | 2 | | 5 | | | | | 3 | 3 | 5 |
| 3:30 PM | | | | | 3 | 1 | | | | | | | | | 1 | | 0 | | | | | 2 | 4 | 1 |
| 3:45 PM | | | | | | 3 | | | 1 | | | 1 | | | | | 1 | | | | | | | 1 |
| 4:00 PM | | | | | | | | | | | | 2 | | | | 1 | | | | | | 1 | 1 | 1 |
| 4:15 PM | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 0 |
| 4:30 PM | | 1 | | | | 4 | | | | | | 2 | | | | | | 1 | | | | | 1 | 2 |
| 4:45 PM | | 2 | | | 2 | 4 | | | | | | 3 | | | 4 | | | | | | | 1 | 1 | 6 |
| 5:00 PM | | 2 | | | | | | | | 1 | | 1 | | | | | | | | | | 1 | 1 | 3 |
| 5:15 PM | | 1 | | | 1 | 1 | | | | | | 1 | | | | | 1 | | | | | | | 1 |
| 5:30 PM | | 1 | | | | 1 | | | | | | 4 | | | 1 | | 1 | | | | | | | 2 |
| 5:45 PM | | 3 | | | 2 | 3 | | | | | | 1 | | | | | 1 | | | | | 2 | 2 | 3 |
| Peak Hour Volume | 0 | 6 | 0 | 0 | 3 | 9 | 0 | 0 | 0 | 1 | 0 | 7 | 0 | 0 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 2 | 12 |

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

All Vehicles

| Saturday Midday | | | | | | One-way NB Only | | | | | | | | | | | One-way WB Only | Total | | | | | | |
|-------------------------|--------------------------------|------------|-----------|-----------|----------|--------------------|--------------------------|-----------|----------|------------|-----------|--------------------------------|-----------|-----------|------------|-----------|------------------------|----------------|------------|----------|------------|-----------|----------------|----------------|
| Saturday 9/7/19 | | | | | | Park SB | | | | | | | | | | | Linc EB | Vehicle | | | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | | Lincoln Avenue Westbound | | | | | Grand Boulevard Northwestbound | | | | | Park Avenue Northbound | | | | | | Volumes | |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Ped/Bike | Ped/Bike | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Ped/Bike | LT (Park) | LT (Linc) | Thru | RT (Park) | Ped/Bike | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Ped/Bike | Ped/Bike | Volumes |
| 11:00 AM | 1 | 33 | 3 | 5 | 0 | 2 | 2 | 2 | 3 | 0 | 1 | 1 | 1 | 1 | 41 | 4 | 0 | 0 | 3 | 3 | 0 | 0 | 2 | 103 |
| 11:15 AM | 1 | 41 | 1 | 3 | 9 | 13 | 1 | 1 | 0 | 3 | 4 | 13 | 2 | 2 | 40 | 4 | 3 | 2 | 3 | 2 | 0 | 3 | 3 | 110 |
| 11:30 AM | 0 | 48 | 4 | 2 | 11 | 2 | 4 | 0 | 3 | 2 | 1 | 3 | 0 | 3 | 44 | 3 | 5 | 0 | 1 | 1 | 1 | 1 | 2 | 117 |
| 11:45 AM | 4 | 37 | 0 | 0 | 2 | 4 | 1 | 2 | 2 | 2 | 3 | 6 | 0 | 4 | 34 | 4 | 6 | 1 | 1 | 2 | 2 | 1 | 2 | 99 |
| 12:00 PM | 1 | 58 | 3 | 3 | 2 | 3 | 4 | 2 | 0 | 6 | 0 | 6 | 1 | 6 | 31 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 3 | 118 |
| 12:15 PM | 1 | 65 | 3 | 2 | 1 | 0 | 1 | 1 | 3 | 7 | 2 | 0 | 1 | 0 | 54 | 3 | 1 | 0 | 2 | 3 | 0 | 2 | 1 | 148 |
| 12:30 PM | 1 | 52 | 1 | 3 | 1 | 3 | 0 | 3 | 2 | 5 | 1 | 3 | 1 | 2 | 43 | 2 | 0 | 1 | 1 | 3 | 2 | 0 | 0 | 123 |
| 12:45 PM | 0 | 49 | 2 | 0 | 1 | 2 | 4 | 2 | 2 | 10 | 0 | 4 | 0 | 0 | 50 | 0 | 0 | 0 | 1 | 0 | 3 | 13 | 11 | 123 |
| <i>Peak Hour Volume</i> | 3 | 224 | 9 | 8 | 5 | 8 | 9 | 8 | 7 | 28 | 3 | 13 | 3 | 8 | 178 | 5 | 1 | 3 | 4 | 7 | 5 | 16 | 15 | 512 |
| <i>Approach Volume</i> | 244 | | | | | | 55 | | | | | 194 | | | | | 19 | | | | | | | |
| <i>Trucks/Buses</i> | 0 | 5 | 0 | 0 | | | 1 | 0 | 0 | 2 | 0 | | 0 | 1 | 3 | 0 | | 0 | 1 | 0 | 0 | | | |
| <i>% HV By Approach</i> | 2.0% | | | | | | 5.5% | | | | | 2.1% | | | | | 5.3% | | | | | | | |
| <i>PHF by Approach</i> | 0.86 | | | | | | 0.76 | | | | | 0.84 | | | | | 0.68 | | | | | | 0.86 | |

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

Autos

| Saturday Midday | | | | | | | One-way NB Only | | | | | | | | | | | | | One-way WB Only | Total Vehicle | | | | |
|------------------|--------------------------------|------|-----------|-----------|------|------|--------------------------|-----------|------|------------|-----------|------|--------------------------------|-----------|------|-----------|------|-----------|------------------------|--------------------|------------------|------|------|---------|-----|
| Saturday 9/7/19 | | | | | | | Park SB | | | | | | | | | | | | | Linc EB | Volumes | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | | Lincoln Avenue Westbound | | | | | | Grand Boulevard Northwestbound | | | | | | Park Avenue Northbound | | | | | | |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Peds | Peds | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Peds | LT (Park) | LT (Linc) | Thru | RT (Park) | Peds | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Peds | Peds | Volumes | |
| 11:00 AM | 1 | 33 | 3 | 5 | 0 | 1 | 2 | 2 | 3 | 0 | 1 | 1 | 1 | 1 | 40 | 4 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 101 |
| 11:15 AM | 1 | 41 | 1 | 2 | 9 | 13 | 1 | 1 | 0 | 3 | 4 | 13 | 2 | 1 | 39 | 4 | 3 | 2 | 3 | 2 | 0 | 3 | 3 | 107 | |
| 11:30 AM | 0 | 47 | 4 | 2 | 11 | 1 | 4 | 0 | 3 | 2 | 1 | 2 | 0 | 3 | 44 | 3 | 4 | 0 | 1 | 1 | 0 | 0 | 1 | 115 | |
| 11:45 AM | 3 | 36 | 0 | 0 | 2 | 4 | 1 | 2 | 2 | 2 | 2 | 6 | 0 | 4 | 33 | 4 | 4 | 1 | 1 | 2 | 2 | 1 | 2 | 95 | |
| 12:00 PM | 1 | 57 | 3 | 3 | 2 | 3 | 3 | 2 | 0 | 6 | 0 | 5 | 1 | 5 | 30 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 3 | 114 | |
| 12:15 PM | 1 | 63 | 3 | 2 | 1 | | 1 | 1 | 3 | 5 | 2 | 0 | 1 | 0 | 54 | 3 | 1 | 0 | 1 | 3 | 0 | 2 | 1 | 143 | |
| 12:30 PM | 1 | 51 | 1 | 3 | 1 | 3 | 0 | 3 | 2 | 5 | 1 | 3 | 1 | 2 | 42 | 2 | 0 | 1 | 1 | 3 | 2 | 0 | 0 | 121 | |
| 12:45 PM | 0 | 48 | 2 | 0 | 1 | 1 | 4 | 2 | 2 | 10 | 0 | 2 | 0 | 0 | 49 | 0 | 0 | 0 | 1 | 0 | 3 | 9 | 7 | 121 | |
| Peak Hour Volume | 3 | 219 | 9 | 8 | 5 | 7 | 8 | 8 | 7 | 26 | 3 | 10 | 3 | 7 | 175 | 5 | 1 | 3 | 3 | 7 | 5 | 12 | 11 | 499 | |

Note: During the 12:00 Noon hour, one vehicle made a Left Turn onto Lincoln going the wrong way on a one way street

PEAK HOUR TURNING MOVEMENT COUNT SUMMARY

Grand Boulevard/Lincoln Avenue/Park Avenue

Trucks

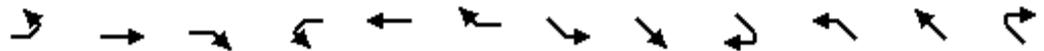
| Saturday Midday | | | | | | One-way NB Only | | | | | | | | | | | One-way WB Only | Total | | | | | | | |
|------------------|--------------------------------|------|-----------|-----------|-------|--------------------|--------------------------|-----------|------|------------|-----------|--------------------------------|-----------|-----------|------|-----------|------------------------|-----------|------------|------|------------|-------|---------|---|----|
| Saturday 9/7/19 | | | | | | Park SB | | | | | | | | | | | Linc EB | Vehicle | | | | | | | |
| TRAFFIC VOLUMES | Grand Boulevard Southeastbound | | | | | | Lincoln Avenue Westbound | | | | | Grand Boulevard Northwestbound | | | | | Park Avenue Northbound | | | | | | Volumes | | |
| Start Time | LT (Park) | Thru | RT (Park) | RT (Linc) | Bikes | Bikes | LT (Grand) | LT (Park) | Thru | RT (Grand) | RT (Park) | Bikes | LT (Park) | LT (Linc) | Thru | RT (Park) | Bikes | LT (Linc) | LT (Grand) | Thru | RT (Grand) | Bikes | Bikes | | |
| 11:00 AM | | | | 1 | 0 | 1 | | | | | | | | 1 | 1 | | | | 1 | | | | | 2 | 2 |
| 11:15 AM | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | 1 | 3 |
| 11:30 AM | | | | | | 1 | | | | | 1 | 1 | | | | | 1 | | | | 1 | | | 1 | 1 |
| 11:45 AM | 1 | 1 | | | | | | | | | 1 | | | | 1 | | 1 | | | | | | | 1 | 4 |
| 12:00 PM | | 1 | | | | | 1 | | | | | | | 1 | | | | | | | | | | 1 | 3 |
| 12:15 PM | | 2 | | | | | | | | 2 | | | | | | | | | 1 | | | | | 1 | 5 |
| 12:30 PM | | | | | | | | | | | | 2 | | | 1 | | | | | | | | | 1 | 1 |
| 12:45 PM | | 1 | | | | 1 | | | | | | 2 | | | 1 | | | | | | | | 4 | 4 | 2 |
| Peak Hour Volume | 0 | 4 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 4 | 4 | 11 |

APPENDIX B

EXISTING TRAFFIC PEAK HOUR ANALYSIS OUTPUTS

Lanes, Volumes, Timings
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019



| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
|-----------------------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Volume (vph) | 14 | 0 | 2 | 8 | 24 | 18 | 10 | 269 | 17 | 15 | 194 | 7 |
| Future Volume (vph) | 14 | 0 | 2 | 8 | 24 | 18 | 10 | 269 | 17 | 15 | 194 | 7 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Storage Length (ft) | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Storage Lanes | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Taper Length (ft) | 25 | | | 25 | | | 25 | | | 25 | | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | | | | | | | |
| Frt | | 0.983 | | | 0.951 | | | 0.992 | | | 0.996 | |
| Flt Protected | | 0.958 | | | 0.992 | | | 0.998 | | | 0.997 | |
| Satd. Flow (prot) | 0 | 1772 | 0 | 0 | 1660 | 0 | 0 | 1826 | 0 | 0 | 1832 | 0 |
| Flt Permitted | | 0.958 | | | 0.992 | | | 0.998 | | | 0.997 | |
| Satd. Flow (perm) | 0 | 1772 | 0 | 0 | 1660 | 0 | 0 | 1826 | 0 | 0 | 1832 | 0 |
| Link Speed (mph) | | 25 | | | 25 | | | 25 | | | 25 | |
| Link Distance (ft) | | 227 | | | 229 | | | 346 | | | 309 | |
| Travel Time (s) | | 6.2 | | | 6.2 | | | 9.4 | | | 8.4 | |
| Adj. Flow (vph) | 14 | 0 | 2 | 8 | 24 | 18 | 10 | 274 | 17 | 15 | 198 | 7 |
| Lane Group Flow (vph) | 0 | 16 | 0 | 0 | 50 | 0 | 0 | 301 | 0 | 0 | 220 | 0 |
| Sign Control | | Stop | | | Stop | | | Free | | | Free | |

Intersection Summary

Area Type: Other

Control Type: Unsignalized

HCM 6th TWSC
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019

| Intersection | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Int Delay, s/veh | 2.2 | | | | | | | | | | | |
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Vol, veh/h | 14 | 0 | 2 | 8 | 24 | 18 | 10 | 269 | 17 | 15 | 194 | 7 |
| Future Vol, veh/h | 14 | 0 | 2 | 8 | 24 | 18 | 10 | 269 | 17 | 15 | 194 | 7 |
| Conflicting Peds, #/hr | 70 | 0 | 24 | 24 | 0 | 70 | 70 | 0 | 39 | 39 | 0 | 70 |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop | Free | Free | Free | Free | Free | Free |
| RT Channelized | - | - | None |
| Storage Length | - | - | - | - | - | - | - | - | - | - | - | - |
| Veh in Median Storage, # | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Grade, % | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Peak Hour Factor | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 |
| Heavy Vehicles, % | 1 | 1 | 1 | 8 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 3 |
| Mvmt Flow | 14 | 0 | 2 | 8 | 24 | 18 | 10 | 274 | 17 | 15 | 198 | 7 |

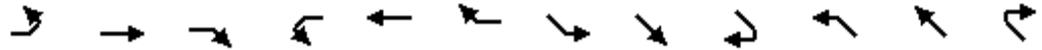
| Major/Minor | Minor1 | | Minor2 | | Major1 | | | Major2 | | | | |
|----------------------|--------|-------|--------|-------|--------|-------|-------|--------|---|-------|---|---|
| Conflicting Flow All | 665 | 647 | 346 | 630 | 652 | 342 | 275 | 0 | 0 | 330 | 0 | 0 |
| Stage 1 | 342 | 342 | - | 302 | 302 | - | - | - | - | - | - | - |
| Stage 2 | 323 | 305 | - | 328 | 350 | - | - | - | - | - | - | - |
| Critical Hdwy | 7.11 | 6.51 | 6.21 | 7.18 | 6.58 | 6.28 | 4.13 | - | - | 4.13 | - | - |
| Critical Hdwy Stg 1 | 6.11 | 5.51 | - | 6.18 | 5.58 | - | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | 6.11 | 5.51 | - | 6.18 | 5.58 | - | - | - | - | - | - | - |
| Follow-up Hdwy | 3.509 | 4.009 | 3.309 | 3.572 | 4.072 | 3.372 | 2.227 | - | - | 2.227 | - | - |
| Pot Cap-1 Maneuver | 375 | 391 | 699 | 386 | 380 | 687 | 1282 | - | - | 1224 | - | - |
| Stage 1 | 675 | 640 | - | 695 | 654 | - | - | - | - | - | - | - |
| Stage 2 | 691 | 664 | - | 672 | 622 | - | - | - | - | - | - | - |
| Platoon blocked, % | | | | | | | | - | - | - | - | - |
| Mov Cap-1 Maneuver | 303 | 343 | 658 | 345 | 333 | 598 | 1197 | - | - | 1179 | - | - |
| Mov Cap-2 Maneuver | 303 | 343 | - | 345 | 333 | - | - | - | - | - | - | - |
| Stage 1 | 643 | 610 | - | 642 | 602 | - | - | - | - | - | - | - |
| Stage 2 | 591 | 611 | - | 648 | 593 | - | - | - | - | - | - | - |

| Approach | EB | | WB | | SE | | NW | |
|----------------------|------|--|------|--|-----|--|-----|--|
| HCM Control Delay, s | 16.7 | | 15.3 | | 0.3 | | 0.6 | |
| HCM LOS | C | | C | | | | | |

| Minor Lane/Major Mvmt | NWL | NWT | NWR | EBLn1 | WBLn1 | SEL | SET | SER |
|-----------------------|-------|-----|-----|-------|-------|-------|-----|-----|
| Capacity (veh/h) | 1179 | - | - | 325 | 399 | 1197 | - | - |
| HCM Lane V/C Ratio | 0.013 | - | - | 0.05 | 0.128 | 0.009 | - | - |
| HCM Control Delay (s) | 8.1 | 0 | - | 16.7 | 15.3 | 8 | 0 | - |
| HCM Lane LOS | A | A | - | C | C | A | A | - |
| HCM 95th %tile Q(veh) | 0 | - | - | 0.2 | 0.4 | 0 | - | - |

Lanes, Volumes, Timings
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (EB)

09/13/2019



| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
|-------------------------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
| Lane Configurations | | ↔ | | | ↔ | | | ↔ | | | ↔ | |
| Traffic Volume (vph) | 15 | 0 | 4 | 14 | 20 | 29 | 9 | 357 | 19 | 9 | 183 | 16 |
| Future Volume (vph) | 15 | 0 | 4 | 14 | 20 | 29 | 9 | 357 | 19 | 9 | 183 | 16 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Storage Length (ft) | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Storage Lanes | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Taper Length (ft) | 25 | | | 25 | | | 25 | | | 25 | | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | | | | | | | |
| Frt | | 0.973 | | | 0.938 | | | 0.993 | | | 0.990 | |
| Flt Protected | | 0.962 | | | 0.989 | | | 0.999 | | | 0.998 | |
| Satd. Flow (prot) | 0 | 1694 | 0 | 0 | 1728 | 0 | 0 | 1848 | 0 | 0 | 1840 | 0 |
| Flt Permitted | | 0.962 | | | 0.989 | | | 0.999 | | | 0.998 | |
| Satd. Flow (perm) | 0 | 1694 | 0 | 0 | 1728 | 0 | 0 | 1848 | 0 | 0 | 1840 | 0 |
| Link Speed (mph) | | 25 | | | 25 | | | 25 | | | 25 | |
| Link Distance (ft) | | 227 | | | 229 | | | 346 | | | 309 | |
| Travel Time (s) | | 6.2 | | | 6.2 | | | 9.4 | | | 8.4 | |
| Confl. Peds. (#/hr) | 36 | | 6 | 6 | | 36 | 36 | | 13 | 13 | | 36 |
| Confl. Bikes (#/hr) | | | | | | | | | | | | |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 5% | 5% | 5% | 2% | 2% | 2% | 2% | 2% | 2% | 2% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | | | | | | | |
| Mid-Block Traffic (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Adj. Flow (vph) | 16 | 0 | 4 | 15 | 21 | 31 | 9 | 376 | 20 | 9 | 193 | 17 |
| Shared Lane Traffic (%) | | | | | | | | | | | | |
| Lane Group Flow (vph) | 0 | 20 | 0 | 0 | 67 | 0 | 0 | 405 | 0 | 0 | 219 | 0 |
| Sign Control | | Stop | | | Stop | | | Free | | | Free | |

Intersection Summary

Area Type: Other

Control Type: Unsignalized

HCM 6th TWSC
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (EB)

09/13/2019

| Intersection | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Int Delay, s/veh | 2 | | | | | | | | | | | |
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Vol, veh/h | 15 | 0 | 4 | 14 | 20 | 29 | 9 | 357 | 19 | 9 | 183 | 16 |
| Future Vol, veh/h | 15 | 0 | 4 | 14 | 20 | 29 | 9 | 357 | 19 | 9 | 183 | 16 |
| Conflicting Peds, #/hr | 36 | 0 | 6 | 6 | 0 | 36 | 36 | 0 | 13 | 13 | 0 | 36 |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop | Free | Free | Free | Free | Free | Free |
| RT Channelized | - | - | None |
| Storage Length | - | - | - | - | - | - | - | - | - | - | - | - |
| Veh in Median Storage, # | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Grade, % | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 5 | 5 | 5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 16 | 0 | 4 | 15 | 21 | 31 | 9 | 376 | 20 | 9 | 193 | 17 |

| Major/Minor | Minor1 | | Minor2 | | Major1 | | Major2 | | | | | |
|----------------------|--------|-------|--------|-------|--------|-------|--------|---|---|-------|---|---|
| Conflicting Flow All | 699 | 681 | 405 | 668 | 683 | 274 | 246 | 0 | 0 | 409 | 0 | 0 |
| Stage 1 | 417 | 417 | - | 256 | 256 | - | - | - | - | - | - | - |
| Stage 2 | 282 | 264 | - | 412 | 427 | - | - | - | - | - | - | - |
| Critical Hdwy | 7.15 | 6.55 | 6.25 | 7.12 | 6.52 | 6.22 | 4.12 | - | - | 4.12 | - | - |
| Critical Hdwy Stg 1 | 6.15 | 5.55 | - | 6.12 | 5.52 | - | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | 6.15 | 5.55 | - | 6.12 | 5.52 | - | - | - | - | - | - | - |
| Follow-up Hdwy | 3.545 | 4.045 | 3.345 | 3.518 | 4.018 | 3.318 | 2.218 | - | - | 2.218 | - | - |
| Pot Cap-1 Maneuver | 350 | 369 | 639 | 372 | 372 | 765 | 1320 | - | - | 1150 | - | - |
| Stage 1 | 607 | 586 | - | 749 | 696 | - | - | - | - | - | - | - |
| Stage 2 | 718 | 685 | - | 617 | 585 | - | - | - | - | - | - | - |
| Platoon blocked, % | | | | | | | | - | - | - | - | - |
| Mov Cap-1 Maneuver | 301 | 346 | 627 | 350 | 349 | 713 | 1275 | - | - | 1136 | - | - |
| Mov Cap-2 Maneuver | 301 | 346 | - | 350 | 349 | - | - | - | - | - | - | - |
| Stage 1 | 594 | 574 | - | 717 | 666 | - | - | - | - | - | - | - |
| Stage 2 | 637 | 656 | - | 604 | 573 | - | - | - | - | - | - | - |

| Approach | EB | WB | SE | NW |
|----------------------|------|------|-----|-----|
| HCM Control Delay, s | 16.3 | 14.2 | 0.2 | 0.4 |
| HCM LOS | C | B | | |

| Minor Lane/Major Mvmt | NWL | NWT | NWR | EBLn1WBLn1 | SEL | SET | SER |
|-----------------------|-------|-----|-----|------------|-------|-------|-----|
| Capacity (veh/h) | 1136 | - | - | 338 | 457 | 1275 | - |
| HCM Lane V/C Ratio | 0.008 | - | - | 0.059 | 0.145 | 0.007 | - |
| HCM Control Delay (s) | 8.2 | 0 | - | 16.3 | 14.2 | 7.8 | 0 |
| HCM Lane LOS | A | A | - | C | B | A | A |
| HCM 95th %tile Q(veh) | 0 | - | - | 0.2 | 0.5 | 0 | - |

Lanes, Volumes, Timings
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019



| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
|-------------------------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Volume (vph) | 14 | 0 | 5 | 9 | 15 | 31 | 3 | 224 | 17 | 11 | 178 | 5 |
| Future Volume (vph) | 14 | 0 | 5 | 9 | 15 | 31 | 3 | 224 | 17 | 11 | 178 | 5 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Storage Length (ft) | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Storage Lanes | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Taper Length (ft) | 25 | | | 25 | | | 25 | | | 25 | | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | | | | | | | |
| Frt | | 0.963 | | | 0.923 | | | 0.990 | | | 0.996 | |
| Flt Protected | | 0.965 | | | 0.992 | | | 0.999 | | | 0.997 | |
| Satd. Flow (prot) | 0 | 1682 | 0 | 0 | 1657 | 0 | 0 | 1842 | 0 | 0 | 1850 | 0 |
| Flt Permitted | | 0.965 | | | 0.992 | | | 0.999 | | | 0.997 | |
| Satd. Flow (perm) | 0 | 1682 | 0 | 0 | 1657 | 0 | 0 | 1842 | 0 | 0 | 1850 | 0 |
| Link Speed (mph) | | 25 | | | 25 | | | 25 | | | 25 | |
| Link Distance (ft) | | 227 | | | 229 | | | 346 | | | 309 | |
| Travel Time (s) | | 6.2 | | | 6.2 | | | 9.4 | | | 8.4 | |
| Confl. Peds. (#/hr) | 15 | | 1 | 16 | | 8 | 8 | | 16 | 16 | | 8 |
| Confl. Bikes (#/hr) | | | | | | | | | | | | |
| Peak Hour Factor | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 5% | 5% | 5% | 5% | 5% | 5% | 2% | 2% | 2% | 2% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | | | | | | | |
| Mid-Block Traffic (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Adj. Flow (vph) | 16 | 0 | 6 | 10 | 17 | 36 | 3 | 260 | 20 | 13 | 207 | 6 |
| Shared Lane Traffic (%) | | | | | | | | | | | | |
| Lane Group Flow (vph) | 0 | 22 | 0 | 0 | 63 | 0 | 0 | 283 | 0 | 0 | 226 | 0 |
| Sign Control | | Stop | | | Stop | | | Free | | | Free | |

Intersection Summary

Area Type: Other

Control Type: Unsignalized

HCM 6th TWSC
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019

| Intersection | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Int Delay, s/veh | 2 | | | | | | | | | | | |
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Vol, veh/h | 14 | 0 | 5 | 9 | 15 | 31 | 3 | 224 | 17 | 11 | 178 | 5 |
| Future Vol, veh/h | 14 | 0 | 5 | 9 | 15 | 31 | 3 | 224 | 17 | 11 | 178 | 5 |
| Conflicting Peds, #/hr | 15 | 0 | 1 | 16 | 0 | 8 | 8 | 0 | 16 | 16 | 0 | 8 |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop | Free | Free | Free | Free | Free | Free |
| RT Channelized | - | - | None |
| Storage Length | - | - | - | - | - | - | - | - | - | - | - | - |
| Veh in Median Storage, # | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Grade, % | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Peak Hour Factor | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| Heavy Vehicles, % | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 16 | 0 | 6 | 10 | 17 | 36 | 3 | 260 | 20 | 13 | 207 | 6 |

| Major/Minor | Minor1 | | Minor2 | | Major1 | | | Major2 | | | | |
|----------------------|--------|-------|--------|-------|--------|-------|-------|--------|---|-------|---|---|
| Conflicting Flow All | 570 | 539 | 302 | 539 | 546 | 233 | 221 | 0 | 0 | 296 | 0 | 0 |
| Stage 1 | 292 | 292 | - | 244 | 244 | - | - | - | - | - | - | - |
| Stage 2 | 278 | 247 | - | 295 | 302 | - | - | - | - | - | - | - |
| Critical Hdwy | 7.15 | 6.55 | 6.25 | 7.15 | 6.55 | 6.25 | 4.12 | - | - | 4.12 | - | - |
| Critical Hdwy Stg 1 | 6.15 | 5.55 | - | 6.15 | 5.55 | - | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | 6.15 | 5.55 | - | 6.15 | 5.55 | - | - | - | - | - | - | - |
| Follow-up Hdwy | 3.545 | 4.045 | 3.345 | 3.545 | 4.045 | 3.345 | 2.218 | - | - | 2.218 | - | - |
| Pot Cap-1 Maneuver | 428 | 445 | 731 | 449 | 441 | 799 | 1348 | - | - | 1265 | - | - |
| Stage 1 | 710 | 666 | - | 753 | 699 | - | - | - | - | - | - | - |
| Stage 2 | 722 | 696 | - | 707 | 659 | - | - | - | - | - | - | - |
| Platoon blocked, % | | | | | | | | - | - | - | - | - |
| Mov Cap-1 Maneuver | 380 | 428 | 709 | 430 | 424 | 782 | 1338 | - | - | 1246 | - | - |
| Mov Cap-2 Maneuver | 380 | 428 | - | 430 | 424 | - | - | - | - | - | - | - |
| Stage 1 | 697 | 654 | - | 745 | 685 | - | - | - | - | - | - | - |
| Stage 2 | 654 | 682 | - | 688 | 647 | - | - | - | - | - | - | - |

| Approach | EB | | WB | | SE | | NW | |
|----------------------|------|--|------|--|-----|--|-----|--|
| HCM Control Delay, s | 13.8 | | 12.1 | | 0.1 | | 0.4 | |
| HCM LOS | B | | B | | | | | |

| Minor Lane/Major Mvmt | NWL | NWT | NWR | EBLn1 | WBLn1 | SEL | SET | SER |
|-----------------------|------|-----|-----|-------|-------|-------|-----|-----|
| Capacity (veh/h) | 1246 | - | - | 433 | 573 | 1338 | - | - |
| HCM Lane V/C Ratio | 0.01 | - | - | 0.051 | 0.112 | 0.003 | - | - |
| HCM Control Delay (s) | 7.9 | 0 | - | 13.8 | 12.1 | 7.7 | 0 | - |
| HCM Lane LOS | A | A | - | B | B | A | A | - |
| HCM 95th %tile Q(veh) | 0 | - | - | 0.2 | 0.4 | 0 | - | - |

APPENDIX C

BUILD TRAFFIC PEAK HOUR ANALYSIS OUTPUTS

Lanes, Volumes, Timings
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019



| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
|-------------------------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Volume (vph) | 14 | 0 | 4 | 8 | 28 | 23 | 10 | 284 | 17 | 15 | 204 | 7 |
| Future Volume (vph) | 14 | 0 | 4 | 8 | 28 | 23 | 10 | 284 | 17 | 15 | 204 | 7 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Storage Length (ft) | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Storage Lanes | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Taper Length (ft) | 25 | | | 25 | | | 25 | | | 25 | | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | | | | | | | |
| Frt | | 0.970 | | | 0.948 | | | 0.993 | | | 0.996 | |
| Flt Protected | | 0.963 | | | 0.993 | | | 0.998 | | | 0.997 | |
| Satd. Flow (prot) | 0 | 1757 | 0 | 0 | 1656 | 0 | 0 | 1828 | 0 | 0 | 1832 | 0 |
| Flt Permitted | | 0.963 | | | 0.993 | | | 0.998 | | | 0.997 | |
| Satd. Flow (perm) | 0 | 1757 | 0 | 0 | 1656 | 0 | 0 | 1828 | 0 | 0 | 1832 | 0 |
| Link Speed (mph) | | 25 | | | 25 | | | 25 | | | 25 | |
| Link Distance (ft) | | 227 | | | 229 | | | 346 | | | 309 | |
| Travel Time (s) | | 6.2 | | | 6.2 | | | 9.4 | | | 8.4 | |
| Confl. Peds. (#/hr) | 70 | | 24 | 24 | | 70 | 70 | | 39 | 39 | | 70 |
| Confl. Bikes (#/hr) | | | | | | | | | | | | |
| Peak Hour Factor | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 1% | 1% | 1% | 8% | 8% | 8% | 3% | 3% | 3% | 3% | 3% | 3% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | | | | | | | |
| Mid-Block Traffic (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Adj. Flow (vph) | 14 | 0 | 4 | 8 | 29 | 23 | 10 | 290 | 17 | 15 | 208 | 7 |
| Shared Lane Traffic (%) | | | | | | | | | | | | |
| Lane Group Flow (vph) | 0 | 18 | 0 | 0 | 60 | 0 | 0 | 317 | 0 | 0 | 230 | 0 |
| Sign Control | | Stop | | | Stop | | | Free | | | Free | |

Intersection Summary

Area Type: Other

Control Type: Unsignalized

HCM 6th TWSC
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019

| Intersection | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Int Delay, s/veh | 2.3 | | | | | | | | | | | |
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Vol, veh/h | 14 | 0 | 4 | 8 | 28 | 23 | 10 | 284 | 17 | 15 | 204 | 7 |
| Future Vol, veh/h | 14 | 0 | 4 | 8 | 28 | 23 | 10 | 284 | 17 | 15 | 204 | 7 |
| Conflicting Peds, #/hr | 70 | 0 | 24 | 24 | 0 | 70 | 70 | 0 | 39 | 39 | 0 | 70 |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop | Free | Free | Free | Free | Free | Free |
| RT Channelized | - | - | None |
| Storage Length | - | - | - | - | - | - | - | - | - | - | - | - |
| Veh in Median Storage, # | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Grade, % | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Peak Hour Factor | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 |
| Heavy Vehicles, % | 1 | 1 | 1 | 8 | 8 | 8 | 3 | 3 | 3 | 3 | 3 | 3 |
| Mvmt Flow | 14 | 0 | 4 | 8 | 29 | 23 | 10 | 290 | 17 | 15 | 208 | 7 |

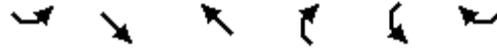
| Major/Minor | Minor1 | | Minor2 | | Major1 | | | Major2 | | | | |
|----------------------|--------|-------|--------|-------|--------|-------|-------|--------|---|-------|---|---|
| Conflicting Flow All | 696 | 673 | 362 | 657 | 678 | 352 | 285 | 0 | 0 | 346 | 0 | 0 |
| Stage 1 | 358 | 358 | - | 312 | 312 | - | - | - | - | - | - | - |
| Stage 2 | 338 | 315 | - | 345 | 366 | - | - | - | - | - | - | - |
| Critical Hdwy | 7.11 | 6.51 | 6.21 | 7.18 | 6.58 | 6.28 | 4.13 | - | - | 4.13 | - | - |
| Critical Hdwy Stg 1 | 6.11 | 5.51 | - | 6.18 | 5.58 | - | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | 6.11 | 5.51 | - | 6.18 | 5.58 | - | - | - | - | - | - | - |
| Follow-up Hdwy | 3.509 | 4.009 | 3.309 | 3.572 | 4.072 | 3.372 | 2.227 | - | - | 2.227 | - | - |
| Pot Cap-1 Maneuver | 357 | 378 | 685 | 370 | 367 | 678 | 1271 | - | - | 1207 | - | - |
| Stage 1 | 662 | 630 | - | 686 | 647 | - | - | - | - | - | - | - |
| Stage 2 | 679 | 657 | - | 658 | 612 | - | - | - | - | - | - | - |
| Platoon blocked, % | | | | | | | | - | - | - | - | - |
| Mov Cap-1 Maneuver | 282 | 331 | 644 | 329 | 321 | 591 | 1186 | - | - | 1162 | - | - |
| Mov Cap-2 Maneuver | 282 | 331 | - | 329 | 321 | - | - | - | - | - | - | - |
| Stage 1 | 631 | 600 | - | 634 | 595 | - | - | - | - | - | - | - |
| Stage 2 | 571 | 604 | - | 632 | 583 | - | - | - | - | - | - | - |

| Approach | EB | | WB | | SE | | NW | |
|----------------------|------|--|------|--|-----|--|-----|--|
| HCM Control Delay, s | 16.9 | | 15.8 | | 0.3 | | 0.5 | |
| HCM LOS | C | | C | | | | | |

| Minor Lane/Major Mvmt | NWL | NWT | NWR | EBLn1 | WBLn1 | SEL | SET | SER |
|-----------------------|-------|-----|-----|-------|-------|-------|-----|-----|
| Capacity (veh/h) | 1162 | - | - | 322 | 392 | 1186 | - | - |
| HCM Lane V/C Ratio | 0.013 | - | - | 0.057 | 0.154 | 0.009 | - | - |
| HCM Control Delay (s) | 8.1 | 0 | - | 16.9 | 15.8 | 8.1 | 0 | - |
| HCM Lane LOS | A | A | - | C | C | A | A | - |
| HCM 95th %tile Q(veh) | 0 | - | - | 0.2 | 0.5 | 0 | - | - |

Lanes, Volumes, Timings
 110: Grand Boulevard & Grand Drwy

09/13/2019



| Lane Group | SEL | SET | NWT | NWR | SWL | SWR |
|-----------------------------|--------------|-------|-------|------|-------|------|
| Lane Configurations | | | | | | |
| Traffic Volume (vph) | 17 | 279 | 216 | 14 | 13 | 10 |
| Future Volume (vph) | 17 | 279 | 216 | 14 | 13 | 10 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | 0% | | 0% | |
| Storage Length (ft) | 0 | | | 0 | 0 | 0 |
| Storage Lanes | 0 | | | 0 | 1 | 0 |
| Taper Length (ft) | 25 | | | | 25 | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | |
| Frt | | | 0.992 | | 0.941 | |
| Flt Protected | | 0.997 | | | 0.973 | |
| Satd. Flow (prot) | 0 | 1839 | 1830 | 0 | 1706 | 0 |
| Flt Permitted | | 0.997 | | | 0.973 | |
| Satd. Flow (perm) | 0 | 1839 | 1830 | 0 | 1706 | 0 |
| Link Speed (mph) | | 25 | 25 | | 25 | |
| Link Distance (ft) | | 255 | 680 | | 73 | |
| Travel Time (s) | | 7.0 | 18.5 | | 2.0 | |
| Confl. Peds. (#/hr) | | | | | | |
| Confl. Bikes (#/hr) | | | | | | |
| Peak Hour Factor | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 3% | 3% | 3% | 3% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | |
| Mid-Block Traffic (%) | | 0% | 0% | | 0% | |
| Adj. Flow (vph) | 17 | 285 | 220 | 14 | 13 | 10 |
| Shared Lane Traffic (%) | | | | | | |
| Lane Group Flow (vph) | 0 | 302 | 234 | 0 | 23 | 0 |
| Sign Control | | Free | Free | | Stop | |
| Intersection Summary | | | | | | |
| Area Type: | Other | | | | | |
| Control Type: | Unsignalized | | | | | |

| Intersection | | | | | | |
|--------------------------|------|------|------|------|------|------|
| Int Delay, s/veh | 0.7 | | | | | |
| Movement | SEL | SET | NWT | NWR | SWL | SWR |
| Lane Configurations | | ↕ | ↔ | | ↕ | |
| Traffic Vol, veh/h | 17 | 279 | 216 | 14 | 13 | 10 |
| Future Vol, veh/h | 17 | 279 | 216 | 14 | 13 | 10 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 98 | 98 | 98 | 98 | 98 | 98 |
| Heavy Vehicles, % | 3 | 3 | 3 | 3 | 2 | 2 |
| Mvmt Flow | 17 | 285 | 220 | 14 | 13 | 10 |

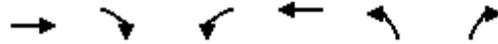
| Major/Minor | Major1 | Major2 | Minor2 | | |
|----------------------|--------|--------|--------|---|-------------|
| Conflicting Flow All | 234 | 0 | - | 0 | 546 227 |
| Stage 1 | - | - | - | - | 227 - |
| Stage 2 | - | - | - | - | 319 - |
| Critical Hdwy | 4.13 | - | - | - | 6.42 6.22 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.42 - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.42 - |
| Follow-up Hdwy | 2.227 | - | - | - | 3.518 3.318 |
| Pot Cap-1 Maneuver | 1328 | - | - | - | 499 812 |
| Stage 1 | - | - | - | - | 811 - |
| Stage 2 | - | - | - | - | 737 - |
| Platoon blocked, % | | - | - | - | |
| Mov Cap-1 Maneuver | 1328 | - | - | - | 492 812 |
| Mov Cap-2 Maneuver | - | - | - | - | 492 - |
| Stage 1 | - | - | - | - | 799 - |
| Stage 2 | - | - | - | - | 737 - |

| Approach | SE | NW | SW |
|----------------------|-----|----|------|
| HCM Control Delay, s | 0.4 | 0 | 11.3 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | NWT | NWR | SEL | SETSWLn1 |
|-----------------------|-----|-----|-------|----------|
| Capacity (veh/h) | - | - | 1328 | - 594 |
| HCM Lane V/C Ratio | - | - | 0.013 | - 0.04 |
| HCM Control Delay (s) | - | - | 7.7 | 0 11.3 |
| HCM Lane LOS | - | - | A | A B |
| HCM 95th %tile Q(veh) | - | - | 0 | - 0.1 |

Lanes, Volumes, Timings
120: Lincoln Drwy & Lincoln Avenue

09/13/2019



| Lane Group | EBT | EBR | WBL | WBT | NBL | NBR |
|-----------------------------|--------------|------|------|-------|-------|------|
| Lane Configurations | ↑ | | | ↑ | ↑ | |
| Traffic Volume (vph) | 0 | 0 | 3 | 50 | 9 | 0 |
| Future Volume (vph) | 0 | 0 | 3 | 50 | 9 | 0 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | 0% | | | 0% | 0% | |
| Storage Length (ft) | | 0 | 0 | | 0 | 0 |
| Storage Lanes | | 0 | 0 | | 1 | 0 |
| Taper Length (ft) | | | 25 | | 25 | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | |
| Flt | | | | | | |
| Flt Protected | | | | 0.997 | 0.950 | |
| Satd. Flow (prot) | 1863 | 0 | 0 | 1754 | 1770 | 0 |
| Flt Permitted | | | | 0.997 | 0.950 | |
| Satd. Flow (perm) | 1863 | 0 | 0 | 1754 | 1770 | 0 |
| Link Speed (mph) | 25 | | | 25 | 25 | |
| Link Distance (ft) | 256 | | | 406 | 77 | |
| Travel Time (s) | 7.0 | | | 11.1 | 2.1 | |
| Confl. Peds. (#/hr) | | | | | | |
| Confl. Bikes (#/hr) | | | | | | |
| Peak Hour Factor | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 | 0.98 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 2% | 2% | 8% | 8% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | |
| Mid-Block Traffic (%) | 0% | | | 0% | 0% | |
| Adj. Flow (vph) | 0 | 0 | 3 | 51 | 9 | 0 |
| Shared Lane Traffic (%) | | | | | | |
| Lane Group Flow (vph) | 0 | 0 | 0 | 54 | 9 | 0 |
| Sign Control | Free | | | Free | Stop | |
| Intersection Summary | | | | | | |
| Area Type: | Other | | | | | |
| Control Type: | Unsignalized | | | | | |

| Intersection | | | | | | |
|--------------------------|------|------|------|------|------|------|
| Int Delay, s/veh | 1.6 | | | | | |
| Movement | EBT | EBR | WBL | WBT | NBL | NBR |
| Lane Configurations | ↑ | | | ↔ | ↔ | |
| Traffic Vol, veh/h | 0 | 0 | 3 | 50 | 9 | 0 |
| Future Vol, veh/h | 0 | 0 | 3 | 50 | 9 | 0 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | 0 | - | - | 0 | 0 | - |
| Grade, % | 0 | - | - | 0 | 0 | - |
| Peak Hour Factor | 98 | 98 | 98 | 98 | 98 | 98 |
| Heavy Vehicles, % | 2 | 2 | 8 | 8 | 2 | 2 |
| Mvmt Flow | 0 | 0 | 3 | 51 | 9 | 0 |

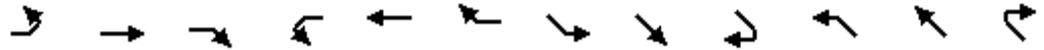
| Major/Minor | Major1 | Major2 | Minor1 | Minor2 | Minor3 |
|----------------------|--------|--------|--------|--------|--------|
| Conflicting Flow All | 0 | - | 1 | 0 | 58 |
| Stage 1 | - | - | - | - | 1 |
| Stage 2 | - | - | - | - | 57 |
| Critical Hdwy | - | - | 4.18 | - | 6.42 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.42 |
| Critical Hdwy Stg 2 | - | - | - | - | 5.42 |
| Follow-up Hdwy | - | - | 2.272 | - | 3.518 |
| Pot Cap-1 Maneuver | - | 0 | 1583 | - | 949 |
| Stage 1 | - | 0 | - | - | 1022 |
| Stage 2 | - | 0 | - | - | 966 |
| Platoon blocked, % | - | - | - | - | - |
| Mov Cap-1 Maneuver | - | - | 1583 | - | 947 |
| Mov Cap-2 Maneuver | - | - | - | - | 947 |
| Stage 1 | - | - | - | - | 1022 |
| Stage 2 | - | - | - | - | 964 |

| Approach | EB | WB | NB |
|----------------------|----|-----|-----|
| HCM Control Delay, s | 0 | 0.4 | 8.8 |
| HCM LOS | | | A |

| Minor Lane/Major Mvmt | NBLn1 | EBT | WBL | WBT |
|-----------------------|-------|-----|-------|-----|
| Capacity (veh/h) | 947 | - | 1583 | - |
| HCM Lane V/C Ratio | 0.01 | - | 0.002 | - |
| HCM Control Delay (s) | 8.8 | - | 7.3 | 0 |
| HCM Lane LOS | A | - | A | A |
| HCM 95th %tile Q(veh) | 0 | - | 0 | - |

Lanes, Volumes, Timings
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019



| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
|-------------------------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Volume (vph) | 15 | 0 | 6 | 14 | 24 | 34 | 9 | 370 | 19 | 9 | 193 | 16 |
| Future Volume (vph) | 15 | 0 | 6 | 14 | 24 | 34 | 9 | 370 | 19 | 9 | 193 | 16 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Storage Length (ft) | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Storage Lanes | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Taper Length (ft) | 25 | | | 25 | | | 25 | | | 25 | | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | | | | | | | |
| Frt | | 0.963 | | | 0.936 | | | 0.994 | | | 0.990 | |
| Flt Protected | | 0.965 | | | 0.990 | | | 0.999 | | | 0.998 | |
| Satd. Flow (prot) | 0 | 1682 | 0 | 0 | 1726 | 0 | 0 | 1850 | 0 | 0 | 1840 | 0 |
| Flt Permitted | | 0.965 | | | 0.990 | | | 0.999 | | | 0.998 | |
| Satd. Flow (perm) | 0 | 1682 | 0 | 0 | 1726 | 0 | 0 | 1850 | 0 | 0 | 1840 | 0 |
| Link Speed (mph) | | 25 | | | 25 | | | 25 | | | 25 | |
| Link Distance (ft) | | 227 | | | 229 | | | 346 | | | 309 | |
| Travel Time (s) | | 6.2 | | | 6.2 | | | 9.4 | | | 8.4 | |
| Confl. Peds. (#/hr) | 36 | | 6 | 6 | | 36 | 36 | | 13 | 13 | | 36 |
| Confl. Bikes (#/hr) | | | | | | | | | | | | |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 5% | 5% | 5% | 2% | 2% | 2% | 2% | 2% | 2% | 2% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | | | | | | | |
| Mid-Block Traffic (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Adj. Flow (vph) | 16 | 0 | 6 | 15 | 25 | 36 | 9 | 389 | 20 | 9 | 203 | 17 |
| Shared Lane Traffic (%) | | | | | | | | | | | | |
| Lane Group Flow (vph) | 0 | 22 | 0 | 0 | 76 | 0 | 0 | 418 | 0 | 0 | 229 | 0 |
| Sign Control | | Stop | | | Stop | | | Free | | | Free | |

Intersection Summary

Area Type: Other

Control Type: Unsignalized

HCM 6th TWSC
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019

| Intersection | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Int Delay, s/veh | 2.2 | | | | | | | | | | | |
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Vol, veh/h | 15 | 0 | 6 | 14 | 24 | 34 | 9 | 370 | 19 | 9 | 193 | 16 |
| Future Vol, veh/h | 15 | 0 | 6 | 14 | 24 | 34 | 9 | 370 | 19 | 9 | 193 | 16 |
| Conflicting Peds, #/hr | 36 | 0 | 6 | 6 | 0 | 36 | 36 | 0 | 13 | 13 | 0 | 36 |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop | Free | Free | Free | Free | Free | Free |
| RT Channelized | - | - | None |
| Storage Length | - | - | - | - | - | - | - | - | - | - | - | - |
| Veh in Median Storage, # | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Grade, % | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 5 | 5 | 5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 16 | 0 | 6 | 15 | 25 | 36 | 9 | 389 | 20 | 9 | 203 | 17 |

| Major/Minor | Minor1 | | Minor2 | | Major1 | | | Major2 | | | | |
|----------------------|--------|-------|--------|-------|--------|-------|-------|--------|---|-------|---|---|
| Conflicting Flow All | 726 | 704 | 418 | 692 | 706 | 284 | 256 | 0 | 0 | 422 | 0 | 0 |
| Stage 1 | 430 | 430 | - | 266 | 266 | - | - | - | - | - | - | - |
| Stage 2 | 296 | 274 | - | 426 | 440 | - | - | - | - | - | - | - |
| Critical Hdwy | 7.15 | 6.55 | 6.25 | 7.12 | 6.52 | 6.22 | 4.12 | - | - | 4.12 | - | - |
| Critical Hdwy Stg 1 | 6.15 | 5.55 | - | 6.12 | 5.52 | - | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | 6.15 | 5.55 | - | 6.12 | 5.52 | - | - | - | - | - | - | - |
| Follow-up Hdwy | 3.545 | 4.045 | 3.345 | 3.518 | 4.018 | 3.318 | 2.218 | - | - | 2.218 | - | - |
| Pot Cap-1 Maneuver | 336 | 358 | 629 | 358 | 361 | 755 | 1309 | - | - | 1137 | - | - |
| Stage 1 | 598 | 578 | - | 739 | 689 | - | - | - | - | - | - | - |
| Stage 2 | 706 | 678 | - | 606 | 578 | - | - | - | - | - | - | - |
| Platoon blocked, % | | | | | | | | - | - | - | - | - |
| Mov Cap-1 Maneuver | 283 | 335 | 618 | 335 | 338 | 704 | 1264 | - | - | 1123 | - | - |
| Mov Cap-2 Maneuver | 283 | 335 | - | 335 | 338 | - | - | - | - | - | - | - |
| Stage 1 | 585 | 566 | - | 707 | 659 | - | - | - | - | - | - | - |
| Stage 2 | 617 | 649 | - | 591 | 566 | - | - | - | - | - | - | - |

| Approach | EB | | WB | | SE | | NW | |
|----------------------|------|--|------|--|-----|--|-----|--|
| HCM Control Delay, s | 16.5 | | 14.7 | | 0.2 | | 0.3 | |
| HCM LOS | C | | B | | | | | |

| Minor Lane/Major Mvmt | NWL | NWT | NWR | EBLn1WBLn1 | SEL | SET | SER |
|-----------------------|-------|-----|-----|------------|------|-------|-----|
| Capacity (veh/h) | 1123 | - | - | 335 | 447 | 1264 | - |
| HCM Lane V/C Ratio | 0.008 | - | - | 0.066 | 0.17 | 0.007 | - |
| HCM Control Delay (s) | 8.2 | 0 | - | 16.5 | 14.7 | 7.9 | 0 |
| HCM Lane LOS | A | A | - | C | B | A | A |
| HCM 95th %tile Q(veh) | 0 | - | - | 0.2 | 0.6 | 0 | - |

Lanes, Volumes, Timings
 110: Grand Boulevard & Grand Drwy

09/13/2019



| Lane Group | SEL | SET | NWT | NWR | SWL | SWR |
|-------------------------|------|-------|-------|------|-------|------|
| Lane Configurations | | | | | | |
| Traffic Volume (vph) | 15 | 375 | 208 | 12 | 14 | 10 |
| Future Volume (vph) | 15 | 375 | 208 | 12 | 14 | 10 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | 0% | | 0% | |
| Storage Length (ft) | 0 | | | 0 | 0 | 0 |
| Storage Lanes | 0 | | | 0 | 1 | 0 |
| Taper Length (ft) | 25 | | | | 25 | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | |
| Frt | | | 0.992 | | 0.943 | |
| Flt Protected | | 0.998 | | | 0.972 | |
| Satd. Flow (prot) | 0 | 1859 | 1848 | 0 | 1707 | 0 |
| Flt Permitted | | 0.998 | | | 0.972 | |
| Satd. Flow (perm) | 0 | 1859 | 1848 | 0 | 1707 | 0 |
| Link Speed (mph) | | 25 | 25 | | 25 | |
| Link Distance (ft) | | 262 | 674 | | 86 | |
| Travel Time (s) | | 7.1 | 18.4 | | 2.3 | |
| Confl. Peds. (#/hr) | | | | | | |
| Confl. Bikes (#/hr) | | | | | | |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 2% | 2% | 2% | 2% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | |
| Mid-Block Traffic (%) | | 0% | 0% | | 0% | |
| Adj. Flow (vph) | 16 | 395 | 219 | 13 | 15 | 11 |
| Shared Lane Traffic (%) | | | | | | |
| Lane Group Flow (vph) | 0 | 411 | 232 | 0 | 26 | 0 |
| Sign Control | | Free | Free | | Stop | |

Intersection Summary

Area Type: Other

Control Type: Unsignalized

HCM 6th TWSC
110: Grand Boulevard & Grand Drwy

09/13/2019

| Intersection | | | | | | |
|--------------------------|------|------|------|------|------|------|
| Int Delay, s/veh | 0.6 | | | | | |
| Movement | SEL | SET | NWT | NWR | SWL | SWR |
| Lane Configurations | | ↕ | ↔ | | ↕ | |
| Traffic Vol, veh/h | 15 | 375 | 208 | 12 | 14 | 10 |
| Future Vol, veh/h | 15 | 375 | 208 | 12 | 14 | 10 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 16 | 395 | 219 | 13 | 15 | 11 |

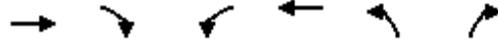
| Major/Minor | Major1 | Major2 | Minor2 | | |
|----------------------|--------|--------|--------|---|-------------|
| Conflicting Flow All | 232 | 0 | - | 0 | 653 226 |
| Stage 1 | - | - | - | - | 226 - |
| Stage 2 | - | - | - | - | 427 - |
| Critical Hdwy | 4.12 | - | - | - | 6.42 6.22 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.42 - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.42 - |
| Follow-up Hdwy | 2.218 | - | - | - | 3.518 3.318 |
| Pot Cap-1 Maneuver | 1336 | - | - | - | 432 813 |
| Stage 1 | - | - | - | - | 812 - |
| Stage 2 | - | - | - | - | 658 - |
| Platoon blocked, % | | - | - | - | |
| Mov Cap-1 Maneuver | 1336 | - | - | - | 426 813 |
| Mov Cap-2 Maneuver | - | - | - | - | 426 - |
| Stage 1 | - | - | - | - | 800 - |
| Stage 2 | - | - | - | - | 658 - |

| Approach | SE | NW | SW |
|----------------------|-----|----|------|
| HCM Control Delay, s | 0.3 | 0 | 12.1 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | NWT | NWR | SEL | SETSWLn1 |
|-----------------------|-----|-----|-------|----------|
| Capacity (veh/h) | - | - | 1336 | - 531 |
| HCM Lane V/C Ratio | - | - | 0.012 | - 0.048 |
| HCM Control Delay (s) | - | - | 7.7 | 0 12.1 |
| HCM Lane LOS | - | - | A | A B |
| HCM 95th %tile Q(veh) | - | - | 0 | - 0.1 |

Lanes, Volumes, Timings
 120: Lincoln Drwy & Lincoln Avenue

09/13/2019



| Lane Group | EBT | EBR | WBL | WBT | NBL | NBR |
|-------------------------|------|------|------|-------|-------|------|
| Lane Configurations | ↑ | | | ↑ | ↑ | |
| Traffic Volume (vph) | 0 | 0 | 3 | 63 | 9 | 0 |
| Future Volume (vph) | 0 | 0 | 3 | 63 | 9 | 0 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | 0% | | | 0% | 0% | |
| Storage Length (ft) | | 0 | 0 | | 0 | 0 |
| Storage Lanes | | 0 | 0 | | 1 | 0 |
| Taper Length (ft) | | | 25 | | 25 | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | |
| Frt | | | | | | |
| Flt Protected | | | | 0.998 | 0.950 | |
| Satd. Flow (prot) | 1863 | 0 | 0 | 1859 | 1770 | 0 |
| Flt Permitted | | | | 0.998 | 0.950 | |
| Satd. Flow (perm) | 1863 | 0 | 0 | 1859 | 1770 | 0 |
| Link Speed (mph) | 25 | | | 25 | 25 | |
| Link Distance (ft) | 256 | | | 406 | 71 | |
| Travel Time (s) | 7.0 | | | 11.1 | 1.9 | |
| Confl. Peds. (#/hr) | | | | | | |
| Confl. Bikes (#/hr) | | | | | | |
| Peak Hour Factor | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 | 0.95 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 2% | 2% | 2% | 2% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | |
| Mid-Block Traffic (%) | 0% | | | 0% | 0% | |
| Adj. Flow (vph) | 0 | 0 | 3 | 66 | 9 | 0 |
| Shared Lane Traffic (%) | | | | | | |
| Lane Group Flow (vph) | 0 | 0 | 0 | 69 | 9 | 0 |
| Sign Control | Free | | | Free | Stop | |

Intersection Summary

Area Type: Other

Control Type: Unsignalized

| Intersection | | | | | | |
|--------------------------|------|------|------|------|------|------|
| Int Delay, s/veh | 1.3 | | | | | |
| Movement | EBT | EBR | WBL | WBT | NBL | NBR |
| Lane Configurations | ↑ | | | ↑ | ↑ | |
| Traffic Vol, veh/h | 0 | 0 | 3 | 63 | 9 | 0 |
| Future Vol, veh/h | 0 | 0 | 3 | 63 | 9 | 0 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | 0 | - | - | 0 | 0 | - |
| Grade, % | 0 | - | - | 0 | 0 | - |
| Peak Hour Factor | 95 | 95 | 95 | 95 | 95 | 95 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 0 | 0 | 3 | 66 | 9 | 0 |

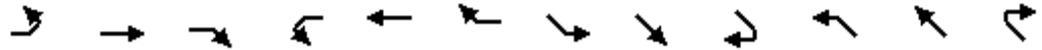
| Major/Minor | Major1 | Major2 | Minor1 | Minor2 | Minor3 |
|----------------------|--------|--------|--------|--------|--------|
| Conflicting Flow All | 0 | - | 1 | 0 | 73 |
| Stage 1 | - | - | - | - | 1 |
| Stage 2 | - | - | - | - | 72 |
| Critical Hdwy | - | - | 4.12 | - | 6.42 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.42 |
| Critical Hdwy Stg 2 | - | - | - | - | 5.42 |
| Follow-up Hdwy | - | - | 2.218 | - | 3.518 |
| Pot Cap-1 Maneuver | - | 0 | 1622 | - | 931 |
| Stage 1 | - | 0 | - | - | 1022 |
| Stage 2 | - | 0 | - | - | 951 |
| Platoon blocked, % | - | - | - | - | - |
| Mov Cap-1 Maneuver | - | - | 1622 | - | 929 |
| Mov Cap-2 Maneuver | - | - | - | - | 929 |
| Stage 1 | - | - | - | - | 1022 |
| Stage 2 | - | - | - | - | 949 |

| Approach | EB | WB | NB |
|----------------------|----|-----|-----|
| HCM Control Delay, s | 0 | 0.3 | 8.9 |
| HCM LOS | | | A |

| Minor Lane/Major Mvmt | NBLn1 | EBT | WBL | WBT |
|-----------------------|-------|-----|-------|-----|
| Capacity (veh/h) | 929 | - | 1622 | - |
| HCM Lane V/C Ratio | 0.01 | - | 0.002 | - |
| HCM Control Delay (s) | 8.9 | - | 7.2 | 0 |
| HCM Lane LOS | A | - | A | A |
| HCM 95th %tile Q(veh) | 0 | - | 0 | - |

Lanes, Volumes, Timings
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019



| Lane Group | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
|-------------------------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Volume (vph) | 17 | 0 | 8 | 9 | 19 | 38 | 3 | 247 | 17 | 11 | 192 | 5 |
| Future Volume (vph) | 17 | 0 | 8 | 9 | 19 | 38 | 3 | 247 | 17 | 11 | 192 | 5 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Storage Length (ft) | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Storage Lanes | 0 | | 0 | 0 | | 0 | 0 | | 0 | 0 | | 0 |
| Taper Length (ft) | 25 | | | 25 | | | 25 | | | 25 | | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | | | | | | | |
| Frt | | 0.958 | | | 0.922 | | | 0.991 | | | 0.997 | |
| Flt Protected | | 0.967 | | | 0.993 | | | | | | 0.997 | |
| Satd. Flow (prot) | 0 | 1676 | 0 | 0 | 1657 | 0 | 0 | 1846 | 0 | 0 | 1852 | 0 |
| Flt Permitted | | 0.967 | | | 0.993 | | | | | | 0.997 | |
| Satd. Flow (perm) | 0 | 1676 | 0 | 0 | 1657 | 0 | 0 | 1846 | 0 | 0 | 1852 | 0 |
| Link Speed (mph) | | 25 | | | 25 | | | 25 | | | 25 | |
| Link Distance (ft) | | 227 | | | 229 | | | 346 | | | 309 | |
| Travel Time (s) | | 6.2 | | | 6.2 | | | 9.4 | | | 8.4 | |
| Confl. Peds. (#/hr) | 15 | | 1 | 16 | | 8 | 8 | | 16 | 16 | | 8 |
| Confl. Bikes (#/hr) | | | | | | | | | | | | |
| Peak Hour Factor | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 5% | 5% | 5% | 5% | 5% | 5% | 2% | 2% | 2% | 2% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | | | | | | | |
| Mid-Block Traffic (%) | | 0% | | | 0% | | | 0% | | | 0% | |
| Adj. Flow (vph) | 20 | 0 | 9 | 10 | 22 | 44 | 3 | 287 | 20 | 13 | 223 | 6 |
| Shared Lane Traffic (%) | | | | | | | | | | | | |
| Lane Group Flow (vph) | 0 | 29 | 0 | 0 | 76 | 0 | 0 | 310 | 0 | 0 | 242 | 0 |
| Sign Control | | Stop | | | Stop | | | Free | | | Free | |

Intersection Summary

Area Type: Other

Control Type: Unsignalized

HCM 6th TWSC
 10: Grand (NW)/Grand (SE) & Park (NB)/Lincoln (WB)

09/13/2019

| Intersection | | | | | | | | | | | | |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Int Delay, s/veh | 2.3 | | | | | | | | | | | |
| Movement | EBL | EBT | EBR | WBL | WBT | WBR | SEL | SET | SER | NWL | NWT | NWR |
| Lane Configurations | | ↕ | | | ↕ | | | ↕ | | | ↕ | |
| Traffic Vol, veh/h | 17 | 0 | 8 | 9 | 19 | 38 | 3 | 247 | 17 | 11 | 192 | 5 |
| Future Vol, veh/h | 17 | 0 | 8 | 9 | 19 | 38 | 3 | 247 | 17 | 11 | 192 | 5 |
| Conflicting Peds, #/hr | 15 | 0 | 1 | 16 | 0 | 8 | 8 | 0 | 16 | 16 | 0 | 8 |
| Sign Control | Stop | Stop | Stop | Stop | Stop | Stop | Free | Free | Free | Free | Free | Free |
| RT Channelized | - | - | None |
| Storage Length | - | - | - | - | - | - | - | - | - | - | - | - |
| Veh in Median Storage, # | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Grade, % | - | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - |
| Peak Hour Factor | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| Heavy Vehicles, % | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 20 | 0 | 9 | 10 | 22 | 44 | 3 | 287 | 20 | 13 | 223 | 6 |

| Major/Minor | Minor1 | | Minor2 | | Major1 | | Major2 | | | | | |
|----------------------|--------|-------|--------|-------|--------|-------|--------|---|---|-------|---|---|
| Conflicting Flow All | 619 | 582 | 329 | 584 | 589 | 249 | 237 | 0 | 0 | 323 | 0 | 0 |
| Stage 1 | 319 | 319 | - | 260 | 260 | - | - | - | - | - | - | - |
| Stage 2 | 300 | 263 | - | 324 | 329 | - | - | - | - | - | - | - |
| Critical Hdwy | 7.15 | 6.55 | 6.25 | 7.15 | 6.55 | 6.25 | 4.12 | - | - | 4.12 | - | - |
| Critical Hdwy Stg 1 | 6.15 | 5.55 | - | 6.15 | 5.55 | - | - | - | - | - | - | - |
| Critical Hdwy Stg 2 | 6.15 | 5.55 | - | 6.15 | 5.55 | - | - | - | - | - | - | - |
| Follow-up Hdwy | 3.545 | 4.045 | 3.345 | 3.545 | 4.045 | 3.345 | 2.218 | - | - | 2.218 | - | - |
| Pot Cap-1 Maneuver | 397 | 421 | 706 | 419 | 417 | 782 | 1330 | - | - | 1237 | - | - |
| Stage 1 | 686 | 648 | - | 738 | 687 | - | - | - | - | - | - | - |
| Stage 2 | 703 | 685 | - | 682 | 641 | - | - | - | - | - | - | - |
| Platoon blocked, % | | | | | | | | - | - | - | - | - |
| Mov Cap-1 Maneuver | 344 | 405 | 685 | 399 | 401 | 765 | 1320 | - | - | 1218 | - | - |
| Mov Cap-2 Maneuver | 344 | 405 | - | 399 | 401 | - | - | - | - | - | - | - |
| Stage 1 | 674 | 636 | - | 730 | 673 | - | - | - | - | - | - | - |
| Stage 2 | 624 | 671 | - | 660 | 629 | - | - | - | - | - | - | - |

| Approach | EB | | WB | | SE | | NW | |
|----------------------|------|--|------|--|-----|--|-----|--|
| HCM Control Delay, s | 14.5 | | 12.6 | | 0.1 | | 0.4 | |
| HCM LOS | B | | B | | | | | |

| Minor Lane/Major Mvmt | NWL | NWT | NWR | EBLn1 | WBLn1 | SEL | SET | SER |
|-----------------------|-------|-----|-----|-------|-------|-------|-----|-----|
| Capacity (veh/h) | 1218 | - | - | 409 | 552 | 1320 | - | - |
| HCM Lane V/C Ratio | 0.011 | - | - | 0.071 | 0.139 | 0.003 | - | - |
| HCM Control Delay (s) | 8 | 0 | - | 14.5 | 12.6 | 7.7 | 0 | - |
| HCM Lane LOS | A | A | - | B | B | A | A | - |
| HCM 95th %tile Q(veh) | 0 | - | - | 0.2 | 0.5 | 0 | - | - |

Lanes, Volumes, Timings
110: Grand Boulevard & Grand Drwy

09/13/2019



| Lane Group | SEL | SET | NWT | NWR | SWL | SWR |
|-----------------------------|--------------|-------|-------|------|-------|------|
| Lane Configurations | | | | | | |
| Traffic Volume (vph) | 26 | 238 | 194 | 20 | 21 | 14 |
| Future Volume (vph) | 26 | 238 | 194 | 20 | 21 | 14 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | | 0% | 0% | | 0% | |
| Storage Length (ft) | 0 | | | 0 | 0 | 0 |
| Storage Lanes | 0 | | | 0 | 1 | 0 |
| Taper Length (ft) | 25 | | | | 25 | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | |
| Frt | | | 0.988 | | 0.946 | |
| Flt Protected | | 0.995 | | | 0.971 | |
| Satd. Flow (prot) | 0 | 1853 | 1840 | 0 | 1711 | 0 |
| Flt Permitted | | 0.995 | | | 0.971 | |
| Satd. Flow (perm) | 0 | 1853 | 1840 | 0 | 1711 | 0 |
| Link Speed (mph) | | 25 | 25 | | 25 | |
| Link Distance (ft) | | 255 | 680 | | 88 | |
| Travel Time (s) | | 7.0 | 18.5 | | 2.4 | |
| Confl. Peds. (#/hr) | | | | | | |
| Confl. Bikes (#/hr) | | | | | | |
| Peak Hour Factor | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 2% | 2% | 2% | 2% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | |
| Mid-Block Traffic (%) | | 0% | 0% | | 0% | |
| Adj. Flow (vph) | 30 | 277 | 226 | 23 | 24 | 16 |
| Shared Lane Traffic (%) | | | | | | |
| Lane Group Flow (vph) | 0 | 307 | 249 | 0 | 40 | 0 |
| Sign Control | | Free | Free | | Stop | |
| Intersection Summary | | | | | | |
| Area Type: | Other | | | | | |
| Control Type: | Unsignalized | | | | | |

| Intersection | | | | | | |
|--------------------------|------|------|------|------|------|------|
| Int Delay, s/veh | 1.2 | | | | | |
| Movement | SEL | SET | NWT | NWR | SWL | SWR |
| Lane Configurations | | ↕ | ↕ | | ↕ | |
| Traffic Vol, veh/h | 26 | 238 | 194 | 20 | 21 | 14 |
| Future Vol, veh/h | 26 | 238 | 194 | 20 | 21 | 14 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | - | 0 | 0 | - | 0 | - |
| Grade, % | - | 0 | 0 | - | 0 | - |
| Peak Hour Factor | 86 | 86 | 86 | 86 | 86 | 86 |
| Heavy Vehicles, % | 2 | 2 | 2 | 2 | 2 | 2 |
| Mvmt Flow | 30 | 277 | 226 | 23 | 24 | 16 |

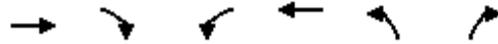
| Major/Minor | Major1 | Major2 | Minor2 | | |
|----------------------|--------|--------|--------|---|-------------|
| Conflicting Flow All | 249 | 0 | - | 0 | 575 238 |
| Stage 1 | - | - | - | - | 238 - |
| Stage 2 | - | - | - | - | 337 - |
| Critical Hdwy | 4.12 | - | - | - | 6.42 6.22 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.42 - |
| Critical Hdwy Stg 2 | - | - | - | - | 5.42 - |
| Follow-up Hdwy | 2.218 | - | - | - | 3.518 3.318 |
| Pot Cap-1 Maneuver | 1317 | - | - | - | 480 801 |
| Stage 1 | - | - | - | - | 802 - |
| Stage 2 | - | - | - | - | 723 - |
| Platoon blocked, % | | - | - | - | |
| Mov Cap-1 Maneuver | 1317 | - | - | - | 467 801 |
| Mov Cap-2 Maneuver | - | - | - | - | 467 - |
| Stage 1 | - | - | - | - | 780 - |
| Stage 2 | - | - | - | - | 723 - |

| Approach | SE | NW | SW |
|----------------------|-----|----|------|
| HCM Control Delay, s | 0.8 | 0 | 11.9 |
| HCM LOS | | | B |

| Minor Lane/Major Mvmt | NWT | NWR | SEL | SETSWLn1 |
|-----------------------|-----|-----|-------|----------|
| Capacity (veh/h) | - | - | 1317 | - 560 |
| HCM Lane V/C Ratio | - | - | 0.023 | - 0.073 |
| HCM Control Delay (s) | - | - | 7.8 | 0 11.9 |
| HCM Lane LOS | - | - | A | A B |
| HCM 95th %tile Q(veh) | - | - | 0.1 | - 0.2 |

Lanes, Volumes, Timings
120: Lincoln Drwy & Lincoln Avenue

09/13/2019



| Lane Group | EBT | EBR | WBL | WBT | NBL | NBR |
|-----------------------------|--------------|------|------|-------|-------|------|
| Lane Configurations | ↑ | | | ↑ | ↑ | |
| Traffic Volume (vph) | 0 | 0 | 5 | 55 | 11 | 0 |
| Future Volume (vph) | 0 | 0 | 5 | 55 | 11 | 0 |
| Ideal Flow (vphpl) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 |
| Lane Width (ft) | 12 | 12 | 12 | 12 | 12 | 12 |
| Grade (%) | 0% | | | 0% | 0% | |
| Storage Length (ft) | | 0 | 0 | | 0 | 0 |
| Storage Lanes | | 0 | 0 | | 1 | 0 |
| Taper Length (ft) | | | 25 | | 25 | |
| Lane Util. Factor | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| Ped Bike Factor | | | | | | |
| Flt Protected | | | | 0.996 | 0.950 | |
| Satd. Flow (prot) | 1863 | 0 | 0 | 1785 | 1770 | 0 |
| Flt Permitted | | | | 0.996 | 0.950 | |
| Satd. Flow (perm) | 1863 | 0 | 0 | 1785 | 1770 | 0 |
| Link Speed (mph) | 25 | | | 25 | 25 | |
| Link Distance (ft) | 266 | | | 396 | 74 | |
| Travel Time (s) | 7.3 | | | 10.8 | 2.0 | |
| Confl. Peds. (#/hr) | | | | | | |
| Confl. Bikes (#/hr) | | | | | | |
| Peak Hour Factor | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 |
| Growth Factor | 100% | 100% | 100% | 100% | 100% | 100% |
| Heavy Vehicles (%) | 2% | 2% | 6% | 6% | 2% | 2% |
| Bus Blockages (#/hr) | 0 | 0 | 0 | 0 | 0 | 0 |
| Parking (#/hr) | | | | | | |
| Mid-Block Traffic (%) | 0% | | | 0% | 0% | |
| Adj. Flow (vph) | 0 | 0 | 6 | 64 | 13 | 0 |
| Shared Lane Traffic (%) | | | | | | |
| Lane Group Flow (vph) | 0 | 0 | 0 | 70 | 13 | 0 |
| Sign Control | Free | | | Free | Stop | |
| Intersection Summary | | | | | | |
| Area Type: | Other | | | | | |
| Control Type: | Unsignalized | | | | | |

| Intersection | | | | | | |
|--------------------------|------|------|------|------|------|------|
| Int Delay, s/veh | 1.9 | | | | | |
| Movement | EBT | EBR | WBL | WBT | NBL | NBR |
| Lane Configurations | ↑ | | | ↔ | ↔ | |
| Traffic Vol, veh/h | 0 | 0 | 5 | 55 | 11 | 0 |
| Future Vol, veh/h | 0 | 0 | 5 | 55 | 11 | 0 |
| Conflicting Peds, #/hr | 0 | 0 | 0 | 0 | 0 | 0 |
| Sign Control | Free | Free | Free | Free | Stop | Stop |
| RT Channelized | - | None | - | None | - | None |
| Storage Length | - | - | - | - | 0 | - |
| Veh in Median Storage, # | 0 | - | - | 0 | 0 | - |
| Grade, % | 0 | - | - | 0 | 0 | - |
| Peak Hour Factor | 86 | 86 | 86 | 86 | 86 | 86 |
| Heavy Vehicles, % | 2 | 2 | 6 | 6 | 2 | 2 |
| Mvmt Flow | 0 | 0 | 6 | 64 | 13 | 0 |

| Major/Minor | Major1 | Major2 | Minor1 | Minor2 | Minor3 |
|----------------------|--------|--------|--------|--------|--------|
| Conflicting Flow All | 0 | - | 1 | 0 | 77 |
| Stage 1 | - | - | - | - | 1 |
| Stage 2 | - | - | - | - | 76 |
| Critical Hdwy | - | - | 4.16 | - | 6.42 |
| Critical Hdwy Stg 1 | - | - | - | - | 5.42 |
| Critical Hdwy Stg 2 | - | - | - | - | 5.42 |
| Follow-up Hdwy | - | - | 2.254 | - | 3.518 |
| Pot Cap-1 Maneuver | - | 0 | 1596 | - | 926 |
| Stage 1 | - | 0 | - | - | 1022 |
| Stage 2 | - | 0 | - | - | 947 |
| Platoon blocked, % | - | - | - | - | - |
| Mov Cap-1 Maneuver | - | - | 1596 | - | 922 |
| Mov Cap-2 Maneuver | - | - | - | - | 922 |
| Stage 1 | - | - | - | - | 1022 |
| Stage 2 | - | - | - | - | 943 |

| Approach | EB | WB | NB |
|----------------------|----|-----|----|
| HCM Control Delay, s | 0 | 0.6 | 9 |
| HCM LOS | | | A |

| Minor Lane/Major Mvmt | NBLn1 | EBT | WBL | WBT |
|-----------------------|-------|-----|-------|-----|
| Capacity (veh/h) | 922 | - | 1596 | - |
| HCM Lane V/C Ratio | 0.014 | - | 0.004 | - |
| HCM Control Delay (s) | 9 | - | 7.3 | 0 |
| HCM Lane LOS | A | - | A | A |
| HCM 95th %tile Q(veh) | 0 | - | 0 | - |



Request For Board Action

REFERRED TO BOARD: October 28th, 2019

AGENDA ITEM NO: 6

ORIGINATING DEPARTMENT: Community & Economic Development Department
(CEDD)

SUBJECT: Resolution to Approve a Plat of Consolidation for 3541 Park Avenue

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

The Brookfield Public Library requests approval of a plat of consolidation for the parcels at 3541 Park Avenue. This is the site of the new library building as proposed in their Final Planned Development. As part of the Final Planned Development application, they were required to submit a "plat of survey, intended for recording." Section 62-21 of the Village Code requires anyone building across contiguous subdivided lots to record a plat of consolidation. Therefore, the plat submitted as part of this application consolidates six existing parcels into one parcel measuring 18,755 square feet.

The Planning and Zoning Commission met to review the Final Planned Development on September 26th, 2019. They voted unanimously to adopt staff's Findings of Fact and recommend approval of the Final Planned Development to the Village Board of Trustees. This item was also discussed by the Village Board on October 14th, 2019 at the Committee of the Whole.

FINANCIAL IMPACT:

None

DOCUMENTS ATTACHED:

1. [Resolution](#)
2. [Plat of Consolidation](#)

RECOMMENDED MOTION:

Review and approval of Resolution by Village Board of Trustees.

RESOLUTION NO. 2019 - 56

**A RESOLUTION TO APPROVE THE BROOKFIELD LIBRARY PLAT OF
CONSOLIDATION IN THE VILLAGE OF BROOKFIELD, ILLINOIS**

PASSED AND APPROVED BY
THE PRESIDENT AND BOARD OF TRUSTEES
THE 28TH DAY OF OCTOBER 2019

RESOLUTION NO. 2019 - 56

A RESOLUTION TO APPROVE THE BROOKFIELD LIBRARY PLAT OF CONSOLIDATION IN THE VILLAGE OF BROOKFIELD, ILLINOIS

WHEREAS, pursuant to Division 12 of the Illinois Municipal Code (65 Illinois Compiled Statutes 5/11-12-1, *et seq.*) and the applicable provisions of the Plat Act (765 ILCS 205/0.01, *et seq.*) the Village of Brookfield, Illinois (the “Village”) has authority to regulate the subdivision of land and pursuant thereto has enacted Chapter 48 entitled “Developments, Improvements and Subdivisions” of the Code of Ordinances of Brookfield, Illinois;

WHEREAS, on March 28, 2019, the Planning and Zoning Commission recommended preliminary approval of a Planned Development for the Linda Sokol Francis Brookfield Public Library; and on the 13th day of May 2019, the corporate authorities of the Village approved Ordinance No. 2019–21 entitled “An Ordinance to Approve a Preliminary Plan for a Planned Development for the Linda Sokol Francis Brookfield Library in the Village of Brookfield, Illinois,” the ordinance provided that the following condition be satisfied by the Brookfield Public Library:

To insure that the applicable requirements of the Plat Act and/or the Brookfield Code are met, it is recommended that the following condition be imposed:

The Applicant shall prepare and submit to the Village for review and approval a recordable Plat of Consolidation of Lots 25 through 30, inclusive, for Block 6 in Grossdale and of Lots 38 through 43, inclusive, for Block 12 in Grossdale on or before approval of the Final Plan of Planned Development;

WHEREAS, the Brookfield Public Library has submitted a Brookfield Library Plat of Consolidation consistent with the requirements of the Plat Act and/or the Brookfield

Code and the ordinance for approval by the Village President and Board of Trustees of the Village;

WHEREAS, the Village Attorney and the Village's Chief Building Inspector have reviewed and approved the Brookfield Library Plat of Consolidation which is attached hereto marked as Exhibit "A" and made a part hereof; and

WHEREAS, it is in the best interest of the Village of Brookfield for the Village President and Board of Trustees to review and approve the Brookfield Library Plat of Consolidation;

NOW, THEREFORE, BE IT RESOLVED by the Village President and Board of Trustees of the Village of Brookfield, Cook County, Illinois, as follows:

Section 1: Preamble The Village President and Board of Trustees hereby incorporate the foregoing preamble clauses into this resolution and adopt and make the determinations as hereinabove set forth.

Section 2: Approval of Plat. The Village President and Board of Trustees find that the Brookfield Library Plat of Consolidation for the Property in the Village of Brookfield, Cook County, Illinois, is hereby approved; and the Village President and the Village Clerk of the Village are hereby authorized and directed to sign the Brookfield Library Plat of Consolidation on behalf of the Village and to affix thereto the seal of the Village and to file the Brookfield Library Plat of Consolidation of record in the office of the Recorder of Cook County, Illinois.

[THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK.]

Section 3. Effective Date. This resolution shall take effect upon its passage and approval in pamphlet form.

ADOPTED this 28th day of October 2019, pursuant to a roll call vote as follows:

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this 28th day of October 2019.

Kit P. Ketchmark, President of the
Village of Brookfield, Cook County, Illinois

ATTESTED and filed in my office,
this 28th day of October 2019.

Brigid Weber, Clerk of the Village
of Brookfield, Cook County, Illinois

EXHIBIT "A"

BROOKFIELD LIBRARY PLAT OF CONSOLIDATION

GRAPHIC SCALE

1" = 20' FT.

BROOKFIELD LIBRARY PLAT OF CONSOLIDATION

LOTS 25, 26, 27, 28, 29 AND 30 IN BLOCK 6 IN CROSSDALE, BEING A SUBDIVISION OF THE SOUTHEAST 1/4 OF SECTION 24, TOWNSHIP 39 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

CONTAINING: 18,749.66 sq. ft. (0.43 acres)

P. I. N.: 15-34-401-096
-097
-098
-099
-100
-101

OWNER'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF COOK) SS

THIS IS TO CERTIFY THAT THE UNDERSIGNED ARE THE AUTHORIZED REPRESENTATIVES OF BROOKFIELD PUBLIC LIBRARY WHICH IS THE OWNER OF THE FEEL OF THE LAND HEREIN DESCRIBED IN THIS PLAT OF CONSOLIDATION, AND HAS CAUSED THE SAME TO BE PLATTED AND RECORDED AS HEREON FOR THE USES AND PURPOSES THEREIN SET FORTH AND DOES HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREIN INDICATED.

DATED AT _____ ILLINOIS, THIS _____ DAY OF _____, A.D. 20____

BY: _____ (NAME) ATTEST: _____ (NAME)

(TITLE) (TITLE)

NOTARY PUBLIC CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF _____) SS

I, _____, A NOTARY PUBLIC IN AND FOR SAID COUNTY DO HEREBY CERTIFY THAT _____ (NAME) AS _____ (TITLE) AND _____ (NAME) AS _____ (TITLE) OF BROOKFIELD PUBLIC LIBRARY, WHO ARE PERSONALLY KNOWN TO ME TO BE THE SAME PERSONS WHOSE NAMES ARE SUBMITTED TO THE FOREGOING INSTRUMENT AND APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THAT THEY SIGNED AND DELIVERED THIS PLAT OF CONSOLIDATION AS THEIR OWN FREE AND VOLUNTARY ACT AND AS THEIR FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES THEREIN SET FORTH AND HEREBY ACKNOWLEDGE AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREIN SHOWN.

GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, A.D. 2019.

BY: _____
NOTARY PUBLIC

VILLAGE OF BROOKFIELD, ILLINOIS - CHIEF BUILDING INSPECTOR

STATE OF ILLINOIS)
COUNTY OF COOK) SS

THIS PLAT OF CONSOLIDATION IS HEREBY APPROVED BY THE CHIEF BUILDING INSPECTOR OF THE VILLAGE OF BROOKFIELD, ILLINOIS THIS _____ DAY OF _____, A.D. 20____

BY: _____
PAUL TRUDEAU, CHIEF BUILDING INSPECTOR

VILLAGE OF BROOKFIELD, ILLINOIS - VILLAGE ATTORNEY

STATE OF ILLINOIS)
COUNTY OF COOK) SS

THIS PLAT OF CONSOLIDATION IS HEREBY APPROVED BY THE VILLAGE ATTORNEY OF THE VILLAGE OF BROOKFIELD, ILLINOIS THIS _____ DAY OF _____, A.D. 2019.

BY: _____
RICHARD J. RAMELLO, VILLAGE ATTORNEY

VILLAGE OF BROOKFIELD, ILLINOIS - COLLECTOR

STATE OF ILLINOIS)
COUNTY OF COOK) SS

I, DAVID COOPER, COLLECTOR OF THE VILLAGE OF BROOKFIELD, ILLINOIS, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT TAXES, NO UNPAID FORFEITED TAXES, NO UNPAID CURRENT OR FORFEITED SPECIAL ASSESSMENTS OR ANY DEFERRED INSTALLMENTS THEREOF THAT HAVE BEEN APPORTIONED AGAINST THE PROPERTY INCLUDED IN THE PLAT HEREON DRAWN.

THIS _____ DAY OF _____, A.D. 2019.

BY: _____
DAVID COOPER, COLLECTOR

VILLAGE OF BROOKFIELD, ILLINOIS - PLANNING AND ZONING COMMISSION

STATE OF ILLINOIS)
COUNTY OF COOK) SS

THIS PLAT OF CONSOLIDATION IS HEREBY APPROVED BY THE PLANNING AND ZONING COMMISSION OF THE VILLAGE OF BROOKFIELD, ILLINOIS THIS _____ DAY OF _____, A.D. 2019.

BY: _____ CHAIRMAN

ATTEST: _____
BY: _____ SECRETARY

SURVEYOR'S CERTIFICATE

STATE OF ILLINOIS)
COUNTY OF DUPAGE) SS

THIS IS TO CERTIFY THAT I, JOSEPH F. GENTILE, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED, SUBDIVIDED AND PLATTED FOR THE USES AND PURPOSES THEREIN SET FORTH THE LAND DESCRIBED IN THIS PLAT OF CONSOLIDATION, WHICH IS A REPRESENTATION OF THE CONSOLIDATION OF THE LOTS DESCRIBED THEREIN.

ALL DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF AND DRAWN TO SCALE.

I FURTHER CERTIFY THAT THE LANDS DESCRIBED ABOVE LIE WITHIN THE CORPORATE LIMITS OF THE VILLAGE OF BROOKFIELD, COOK COUNTY, ILLINOIS, WHICH HAS AUTHORIZED A COMPREHENSIVE PLAN AND IS EXERCISING THE POWERS GRANTED BY THE STATE OF ILLINOIS PURSUANT TO 65 ILCS 5/11-12-6 AS AMENDED AND HEREIN REFERRED TO.

I FURTHER CERTIFY THAT NO PORTION OF THE PLATTED LANDS FALL IN A DESIGNATED FLOOD HAZARD AREA, ACCORDING TO AND DERIVED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY AS SHOWN ON FLOOD INSURANCE RATE MAP NO. 1703100476L, EFFECTIVE DATE AUGUST 18, 2008.

GIVEN UNDER MY HAND AND SEAL THIS 21 DAY OF JUNE A.D. 2019, AT LOMBARD, ILLINOIS.

JOSEPH F. GENTILE, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2325

VILLAGE OF BROOKFIELD, ILLINOIS - PRESIDENT AND BOARD OF TRUSTEES

STATE OF ILLINOIS)
COUNTY OF COOK) SS

THIS PLAT OF CONSOLIDATION IS HEREBY APPROVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF BROOKFIELD, ILLINOIS THIS _____ DAY OF _____, A.D. 2019.

BY: _____
KIT P. KETCHUM, VILLAGE PRESIDENT

ATTEST: _____
BY: _____
BRIGID WEBER, VILLAGE CLERK

COOK COUNTY, ILLINOIS - CLERK

STATE OF ILLINOIS)
COUNTY OF COOK) SS

I, DAVID ORR, CLERK OF THE COUNTY OF COOK, ILLINOIS, DO HEREBY CERTIFY THAT THERE ARE NO DELINQUENT TAXES, NO UNPAID FORFEITED TAXES, NO CURRENT GENERAL TAXES AND NO REDEEMABLE TAX SALES AGAINST THE LAND OR ANY PORTION THEREOF AGAINST THE PROPERTY INCLUDED IN THIS PLAT HEREON DRAWN.

I FURTHER CERTIFY THAT THE COOK COUNTY CLERK'S OFFICE HAS RECEIVED ALL STATUTORY FEES IN CONNECTION WITH THIS PLAT OF CONSOLIDATION.

GIVEN UNDER MY HAND AND SEAL THIS _____ DAY OF _____, A.D. 2019.

BY: _____
KAREN A. YARBROUGH, CLERK OF THE COUNTY OF COOK, ILLINOIS

GENTILE & ASSOCIATES, INC.
PROFESSIONAL LAND SURVEYORS
505 E. 8TH STREET, SUITE 200
LOMBARD, ILLINOIS 60148
PHONE: (630) 939-4282

PREPARED FOR: BROOKFIELD PUBLIC LIBRARY
DRAWN BY: MMS
ORDER NO.: 12-2018B-18 CONS.-REV 2

| | | | | | |
|----|-----------|-----------|-----------|-----------|-----------|
| 1 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 2 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 3 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 4 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 5 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 6 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 7 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 8 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 9 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |
| 10 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 | 10/1/2017 |



Request For Board Action

REFERRED TO BOARD: October 28, 2019

AGENDA ITEM NO: 7

ORIGINATING DEPARTMENT: Community & Economic Development Department
(CEDD)

SUBJECT: TIF Public Hearing: Creation of the Grand Boulevard TIF

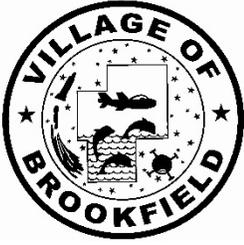
SUMMARY AND BACKGROUND OF SUBJECT MATTER:

Pursuant to statutory requirements, the Village Board will hold a public hearing concerning the establishment of the Grand Boulevard TIF district during the course of the October 28, 2019 Village Board meeting.

There will be no action taken by the Village Board at this time. The purpose of the Public Hearing is to receive a presentation from the Village's consultant concerning the statutory notices and conformance with the TIF Act, the Joint Review Board recommendation and an overview of the proposed Grand Boulevard TIF district. Additionally, there will be an opportunity for any member of the public to speak on these districts.

Official Board action pertaining to the creation of the Grand Boulevard TIF district will come before the Village Board at a later date through the consideration of three (3) statutory required ordinances for the Grand Boulevard TIF district.

Since August 26, 2019, a draft of the Redevelopment Plan and Project and Eligibility Report has been on file in the Office of the Village Clerk at the Brookfield Village Hall, 8820 Brookfield Avenue, Brookfield, Illinois, 60513, and since has been available for public inspection.



Request For Board Action

REFERRED TO BOARD: October 28, 2019

AGENDA ITEM NO: 8

ORIGINATING DEPARTMENT: Community & Economic Development Department
(CEDD)

SUBJECT: TIF Public Hearing: Amendment No. 1 to the 8 Corners TIF

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

Pursuant to statutory requirements, the Village Board will hold a public hearing concerning the First Amendment to the 8 Corners TIF district, during the course of the October 28, 2019 Village Board meeting.

There will be no action taken by the Village Board at this time. The purpose of the Public Hearing is to receive a presentation from the Village's consultant concerning the statutory notices and conformance with the TIF Act, the Joint Review Board recommendation and an overview of the First Amendment to the 8 Corners TIF district. Additionally, there will be an opportunity for any member of the public to speak on these districts.

Official Board action pertaining to the First Amendment to the 8 Corners TIF district will come before the Village Board at a later date through the consideration of three (3) statutory required ordinances for the First Amendment to the 8 Corners TIF district.

Since August 26, 2019, a draft of the Redevelopment Plan and Project and Eligibility Report has been on file in the Office of the Village Clerk at the Brookfield Village Hall, 8820 Brookfield Avenue, Brookfield, Illinois, 60513, and since has been available for public inspection.



Village of Brookfield

8820 Brookfield Avenue • Brookfield, Illinois 60513-1688
(708) 485-7344 • FAX (708) 485-4971
www.brookfieldil.gov

VILLAGE OF BROOKFIELD
BROOKFIELD, ILLINOIS 60513

**BROOKFIELD VILLAGE BOARD
COMMITTEE OF THE WHOLE MEETING
Monday, October 28, 2019**

**7:00 p.m. or Immediately following Village Board Meeting
Edward Barcal Hall
8820 Brookfield Avenue
Brookfield, IL 60513**

AGENDA

1. Roll Call
2. Discussion Concerning the Establishment of [Regulations Governing the Sale of Recreational Cannabis](#)
3. Discussion Concerning the Establishment of a [Field Usage Policy](#)
4. Discussion Concerning [Truth in Taxation Resolution](#)
5. Public Comment – Any member of the audience who wishes to address the President and Village Board may do so at this time
6. Adjournment

VILLAGE PRESIDENT
Kit P. Ketchmark

VILLAGE CLERK
Brigid Weber

BOARD OF TRUSTEES
Brian G. Conroy
Edward J. Côté
Michael J. Garvey
Nicole M. Gilhooley
Kathryn S. Kaluzny
David P. LeClere

VILLAGE MANAGER
Timothy C. Wiberg

MEMBER OF
Illinois Municipal League
Proviso Township
Municipal League
West Central
Municipal Conference

TREE CITY U.S.A. Since 1981

HOME OF THE CHICAGO
ZOOLOGICAL SOCIETY

Individuals with a disability requiring a reasonable accommodation in order to participate in any meeting should contact the Village of Brookfield (708)485-7344 prior to the meeting. Wheelchair access may be gained through the police department (East) entrance of the Village Hall.



Village of Brookfield

Administration

DATE: October 25, 2019
TO: President Ketchmark and Members of the Village Board
FROM: Timothy C. Wiberg, Village Manager
Re: October 28 Committee of the Whole Meeting

Please find below a summary of the items for the October 28 Committee of the Whole (COTW) meeting:

1) **Discussion Concerning the Establishment of Regulations Governing the Sale of Recreational Cannabis**

At its meeting of September 23, the Village Board approved a Resolution which confirmed the Board's support of allowing the sale of recreational cannabis in the Village and referred the issue of reviewing potential regulations governing the sale of cannabis to the Plan Commission. The Plan Commission began its deliberations on this matter at its meeting of October 24. In order to keep this issue moving expeditiously forward, staff is looking for the Board to provide policy direction on key aspects of these regulations so the Plan Commission can deliberate on these recommendations at their November 21 meeting. Attached is a [memorandum](#) from the Village Planner concerning this issue.

2) **Discussion Concerning the Establishment of a Field Usage Policy**

The Village owns and operates ten parks. In these parks various organizations utilize the fields for sporting events such as baseball, soccer, and volleyball. Currently, there are no agreements required by the Village which govern the use of these fields, and no payment is received by the Village for usage of these fields. This has caused confusion when trying to establish who is responsible for various items commonly encountered with usage of these fields. Attached is a [memorandum](#) from the Parks Director providing the rationale for the establishment of a Field Usage Policy which would govern the use of these fields by various organizations.

3) **Discussion Concerning the Annual Truth in Taxation Ordinance**

Attached is a [memorandum](#) from the Finance Director concerning the proposed Ordinance which would set the Village's 2019 property tax levy.

If you should have any questions, please feel free to contact me.



COMMITTEE ITEM MEMO

ITEM: Recreational Cannabis Uses
COMMITTEE DATE: October 28th, 2019
PREPARED BY: Elyse Vukelich, Village Planner
PURPOSE: Discussion of Zoning Regulations on Recreational Cannabis Uses
BUDGET AMOUNT: N/A

BACKGROUND:

As the Village Board is aware, on January 1, 2020, the sale and consumption of cannabis will be legal in Illinois. Ideally, the Village Board should adopt zoning regulations regarding cannabis businesses by January 1st. If no regulations are established by that date, cannabis businesses could potentially open in Brookfield without specific requirements set by the Board. In an attempt to make this as efficient as possible, staff requests answers from the Board to a number of questions related to zoning regulations for cannabis businesses.

To start out with, the following is an explanation of the type of cannabis uses that will be permitted under the State of Illinois' Cannabis Regulation and Tax Act. All of these uses need to be addressed in the zoning code.

1. Craft Growers – Facilities operated by an organization or business that is licensed by the Illinois Department of Agriculture to cultivate, dry, cure and package cannabis and perform other necessary activities to make cannabis available for sale at a dispensing organization or use at a processing organization. A craft grower may contain up to 5,000 square feet of canopy space on its premises for plants in the flowering stage. The State may raise this number to 14,000 square feet based on market demands. Craft growers can share premises with a processing organization or a dispensing organization. Craft growers sell or distribute cannabis to cultivation centers, infusers, and dispensing organizations. They are not permitted in an area zoned for residential use, and they cannot be located within 1,500 feet of another craft grower or cultivation center. By the end of 2020, the state will issue up to 100 licenses for craft growers.
2. Cultivation Centers – Facilities operated by an organization or business that is licensed by the Department of Agriculture to cultivate, process, transport (unless otherwise limited by the Act) and perform other necessary activities to provide cannabis and cannabis infused products to cannabis business establishments. Cultivation centers may not contain more than 210,000 square feet of canopy space for plants in the flowering stage. By the end of 2020, the state will issue licenses up to 50 cultivation centers.
3. Dispensing Organizations – Facilities operated by an organization or business that is licensed by the Illinois Department of Financial and Professional Regulation to acquire cannabis from a cultivation center, craft grower, processing organization or another dispensary for the purpose of selling or dispensing cannabis, cannabis-infused products, cannabis seeds, paraphernalia or related supplies under the Act to purchasers or to qualified registered medical cannabis patients and caregivers. Dispensing organizations are not permitted to sell cannabis via a drive-through window, vending machine, or transport of cannabis to residences other locations for delivery. Operation is limited to 6:00 AM and 10:00 PM local time, and must have video surveillance.

They are required to check and scan government-issued identification of purchasers, and they are not allowed to operate if the scanning equipment is down. There must be two people working at any time. Alcohol is not to be sold on-site. Dispensing organizations may not be located within 1,500 feet of a pre-existing dispensary organization. By the end of 2020, the state will issue up to 295 licenses for dispensing organizations. On-site consumption of cannabis at dispensaries is not prohibited under the State Act. The Village Attorney has opined that on-site consumption is permitted but allowed to be regulated by a municipality. However, the Village Attorney has further stated that at this time insurers are unlikely to insure businesses that allow on-site consumption.

4. Infusers – An infuser or infuser organization is a business that is licensed by the Illinois Department of Agriculture to directly incorporate cannabis or cannabis concentrate into a product formulation to produce a cannabis-infused product. They may resemble a commercial kitchen or bakery in terms of operations. Infusers may only sell or distribute cannabis products to a dispensing organization. Sales to the public cannot take place at these establishments. Under P.A. 101-0027, an infuser may share premises with a craft grower or dispensing organization. They may not be allowed in an area zoned for residential use. By the end of 2020, the state will issue licenses to up to 100 infusers.

5. Transporters – Transporters or transporting organizations are businesses licensed by the Illinois Department of Agriculture to transport cannabis on behalf of a cannabis business establishment or a community college licensed under the Illinois Community College Cannabis Vocational Training Pilot Program.

With this information on the state's regulations regarding these uses, staff requests that the Board provide answers to the following questions:

1. Does the Village Board desire to have recreational cannabis regulations mirror the current Village of Brookfield regulations as they pertain to Medical Cannabis Overlay District? This would restrict the above uses to a small section of the Village's I-1 Zoning District on 47th Street. (See attachments for maps that show the Medical Cannabis Overlay District for Dispensaries and Cultivation Centers)

If the answer to the above question is NO, staff recommends cannabis business establishments be incorporated into the use tables in the zoning code, as opposed to creating an overlay district. In that case, please answer the following questions:

2. Should recreational cannabis dispensaries be a permitted use, special use, or prohibited use in the C-3 Zoning District (Broadway Avenue)?

3. Should recreational cannabis dispensaries be a permitted use, special use, or prohibited use in the C-4 Zoning District (31st Street)?

4. Should recreational cannabis dispensaries be a permitted use, special use, or prohibited use in the C-1 Zoning District (Ogden Avenue)?

5. Should recreational cannabis dispensaries be a permitted use, special use, or prohibited use in the Station Area Districts in Downtown Brookfield and near the Hollywood and Congress Park Metra Stations?

6. Should craft growers be a permitted use, special use, or prohibited use in the I-1 Zoning District (47th Street)?
7. Should infusers be a permitted use, special use, or prohibited use in the I-1 Zoning District (47th Street)?
8. Should cultivation centers be a permitted use, special use, or prohibited use in the I-2 Zoning District (Southview Avenue north of the BNSF Railroad)?
9. Should cannabis business establishments be distance restricted from sensitive uses such as schools, daycares, parks, churches, hospitals, or substance abuse treatment centers? If so, what is an appropriate distance?
10. Should cannabis dispensaries be limited to a specific number within the Village? The state limits dispensaries to be no closer than 1,500 feet from one another.
11. If municipalities are not allowed to prohibit on-site consumption, would the Village Board prefer to limit consumption to ingestion and prohibit on-site smoking or vaping?
12. Because existing medical cannabis dispensaries will receive early approval of adult-use cannabis dispensary licenses and become medical/adult-use cannabis dispensaries, should the medical cannabis overlay district from 2015 (see attached maps) be eliminated so that medical and recreational cannabis are restricted to the same locations?

With answers to these questions, staff will work with the Village Attorney to draft a new ordinance or amend the proposed ordinance. Staff is confident that the Planning and Zoning Commission will be able to better evaluate the proposed ordinance at their November 21st, 2019 meeting.

ATTACHMENTS:

1. [Medical Cannabis Dispensary Overlay District Map](#)
2. [Medical Cannabis Cultivation Center Overlay District Map](#)
3. [Village of Brookfield Zoning Map](#)

STAFF RECOMMENDATION:

Village staff recommends the Village of Brookfield Committee of the Whole review and provide staff with answers to each question.

REQUESTED COURSE OF ACTION:

Review and direction to staff.

Existing Medical Cannabis Dispensing Facility Overlay District



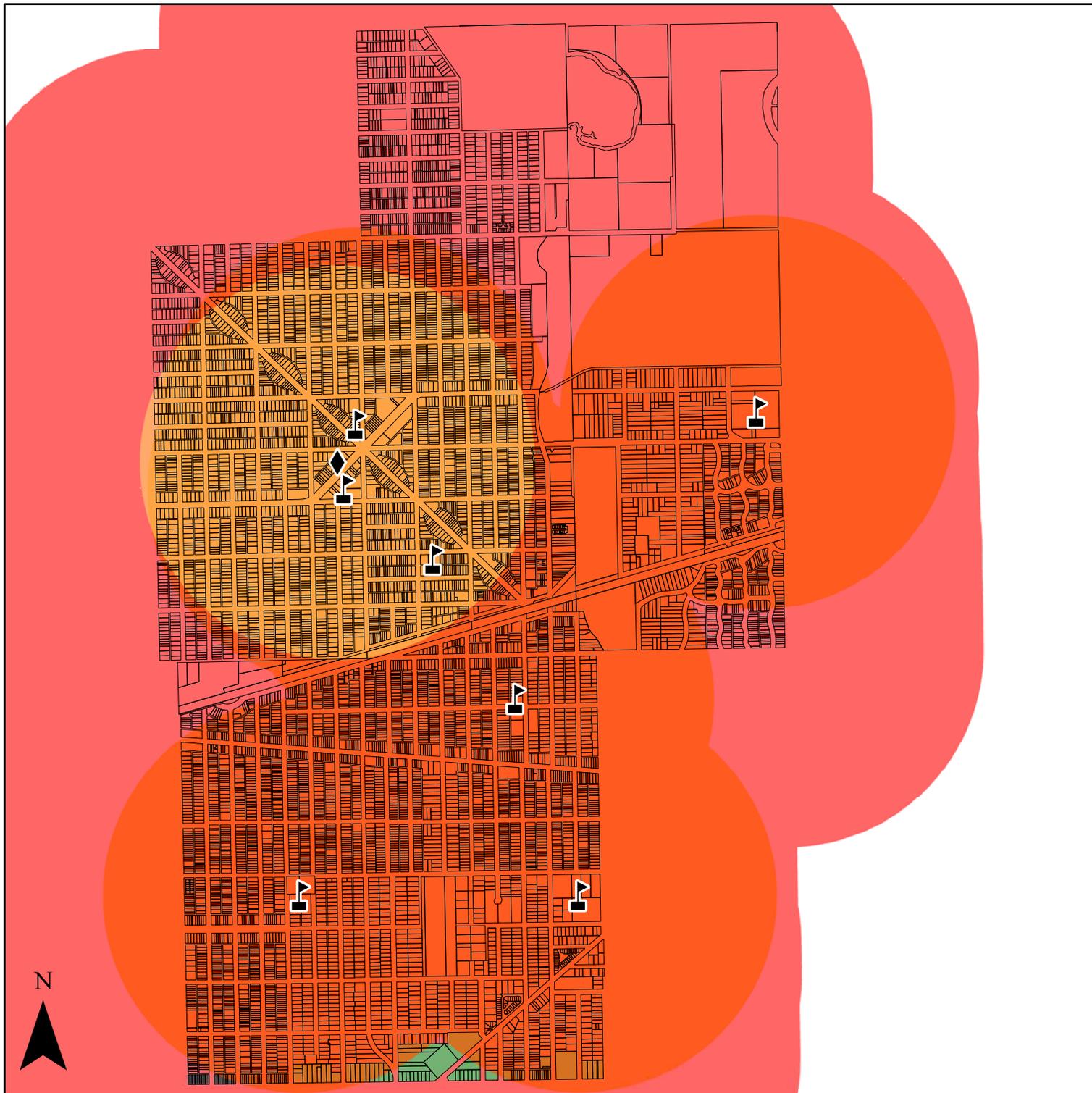
Legend

-  Brookfield Schools
-  Schools 1,000 Ft Buffer
-  Registered Day Care Facilities
-  Day Care Facilities 1,000 Ft Buffer
-  Parcel
-  General Light Industrial Zoned Parcels
-  Cannabis Dispensing Facilities Could Locate

The existing regulations from the Zoning Code allow Medical Cannabis Dispensing Facilities ONLY in the green area delineated on this map. The red and orange circles show a 1,000 foot buffer from schools and day care facilities.

0 1,000 2,000
Feet

Existing Medical Cannabis Cultivation Center Overlay District



Legend

-  Brookfield Schools
-  Registered Day Care Facilities
-  Parcel
-  General Light Industrial Zoned Parcels
-  Day Care Facility Buffer 2,500 ft
-  School Buffer 2,500 ft
-  Residential Buffer 2,500 ft

0 1,000 2,000 Feet

The existing regulations from the Zoning Code allow Medical Cannabis Cultivation Centers ONLY in the green area delineated on this map. The red and orange circles show a 2,500 foot buffer from schools, day care facilities, and residential districts.



Zoning Map for the Village of Brookfield, IL

This serves as the official zoning map for the Village of Brookfield, IL.

Approved by the Brookfield Village Board on the 9th Day of January 2017.

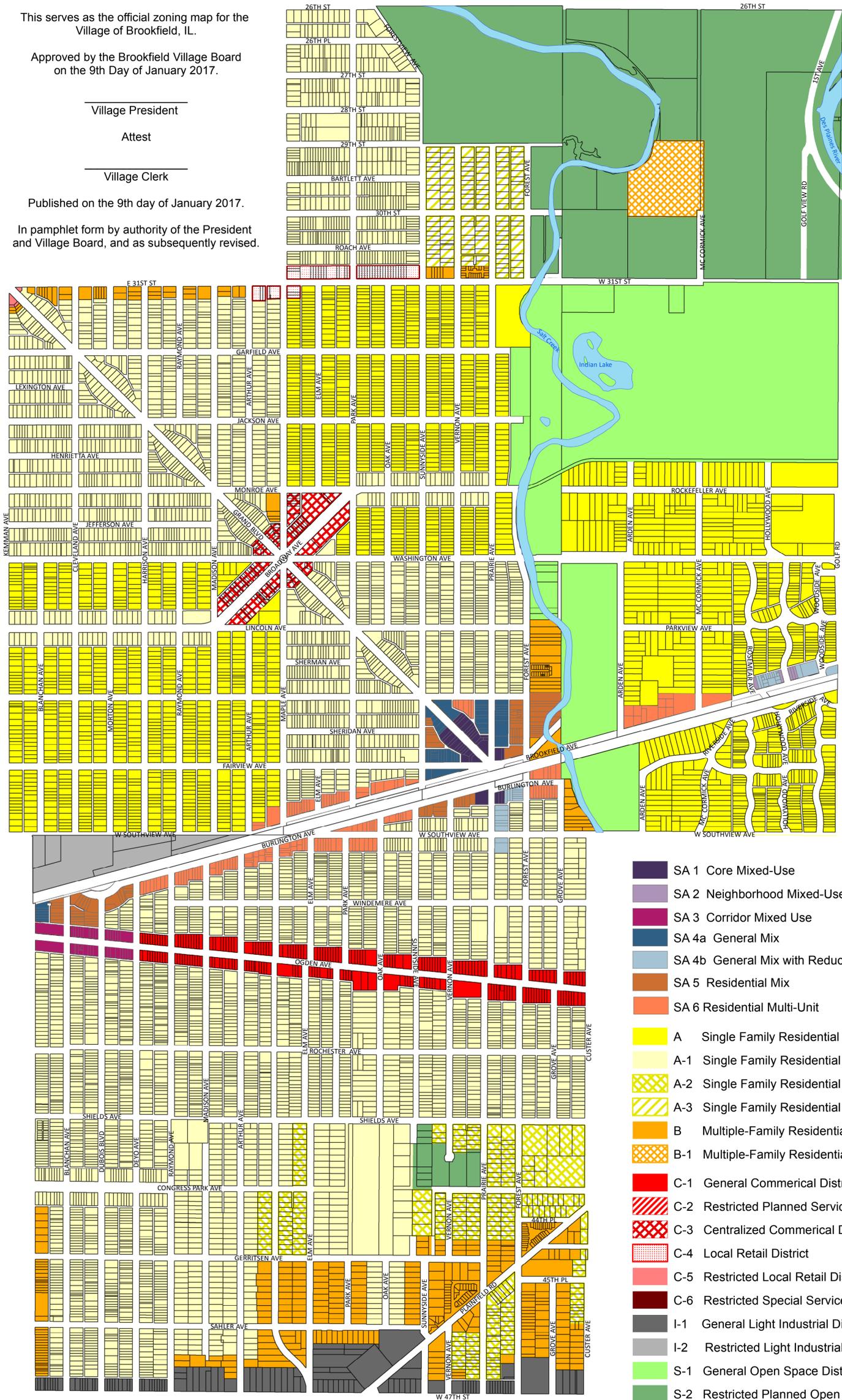
Village President

Attest

Village Clerk

Published on the 9th day of January 2017.

In pamphlet form by authority of the President and Village Board, and as subsequently revised.



- SA 1 Core Mixed-Use
- SA 2 Neighborhood Mixed-Use
- SA 3 Corridor Mixed Use
- SA 4a General Mix
- SA 4b General Mix with Reduced Height
- SA 5 Residential Mix
- SA 6 Residential Multi-Unit
- A Single Family Residential District
- A-1 Single Family Residential District
- A-2 Single Family Residential District
- A-3 Single Family Residential District
- B Multiple-Family Residential District
- B-1 Multiple-Family Residential District
- C-1 General Commerical District
- C-2 Restricted Planned Service District
- C-3 Centralized Commerical District
- C-4 Local Retail District
- C-5 Restricted Local Retail District
- C-6 Restricted Special Service District
- I-1 General Light Industrial District
- I-2 Restricted Light Industrial District
- S-1 General Open Space District
- S-2 Restricted Planned Open Space District





COMMITTEE ITEM MEMO

ITEM: Revised Field Usage Policy

COMMITTEE DATE: October 28, 2019

PREPARED BY: Stevie Ferrari
Director of Parks and Recreation

PURPOSE: Approval of a Resolution Implementing a Revised Field Usage Policy to Include Categories of Use and Associated Fees to be Implemented Beginning 2020

BUDGET AMOUNT: N/A

BACKGROUND:

The Parks and Recreation Department provides multiple organizations use of soccer, baseball and volleyball field & court usage each year. There are, on average, 14 separate organizations using or requesting use of fields and courts annually.

The current process to reserve fields and/or courts consists of an application requesting a block of dates and times accompanied by the organization providing their certificate of liability insurance form, additional insured form and Hold Harmless waiver. The usage is then approved by the Parks and Recreation Department if no other conflicts exist.

Applications are taken on a first-come, first-served basis and if a conflict exists with another organization for use, best efforts are made to accommodate. The process of a formal application providing specific dates and times request was implemented in 2019.

There are no current classifications or categories of organizations identifying high frequent user groups, organizations serving majority of Brookfield residents, for-profit, non-profit, community or outside community organizations. There is no established formal revision of dates policy regarding rain outs/cancelations, little to no limitations on using village owned property for organization sponsorship packages, no collection of fees or charges for use or operation of concession facilities and no exchange of any fees for field or court use.

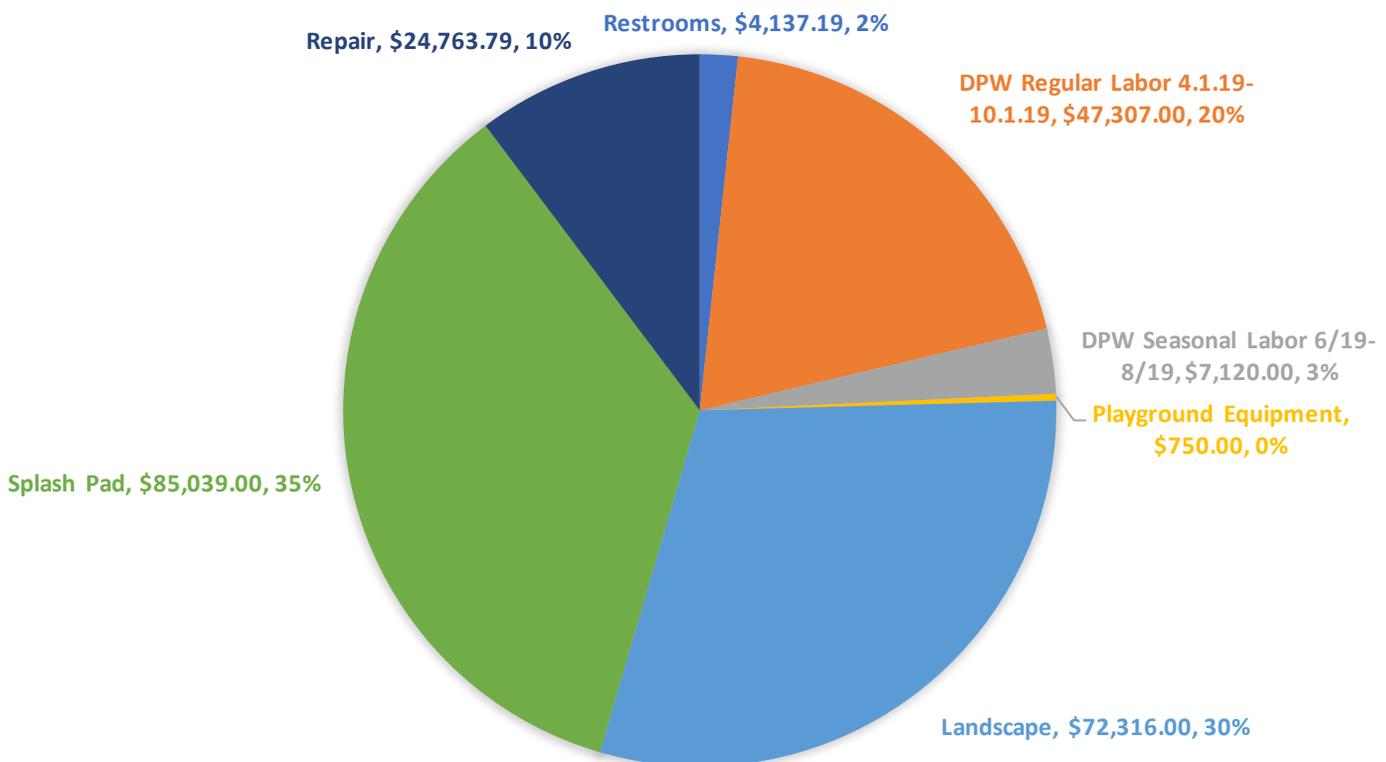
There are challenges that arise out of the current field usage process and policy above. One of these challenges is the lack of identifying classifications of organizations. Without classification of organizations, one could interpret all organizations as being on the same level of expectation of use and service. Currently, there are non-profit, for-profit, community and outside community organizations utilizing or requesting field and court space. In aligning ourselves with a responsibility to serve Brookfield residents first, we are not doing this in practice when it comes to our fields in Village owned park space by not differentiating the organizations using the space. We currently run the risk of not providing priority usage to organizations serving Brookfield Youth and residents first.

An additional challenge related to not classifying organizations arises from having organizations that are high and frequent users provide their own maintenance and project repair or replacement costs versus another high and frequent user not providing any maintenance service or project repair or replacement costs. Without providing a formalized agreement, setting parameters, expectations and equitable boundaries, we are doing a disservice to organizations who are providing varying services to the parks.

An additional challenge resulting from the current field and court usage policy is a result of our no usage fee charge to any organization. The Village has 7 mini parks, 1 neighborhood park, 2 community parks and 1 identified undeveloped land space in Kiwanis Park- South. In considering the projects covered in the Open Space Plan alone, park improvement plans totaled near 2 million dollars over a 5 year period. Much of that was anticipated to be accomplished through various grant opportunities but a majority of the identified improvements were never pursued since funding was never made available (Ch. 6 of the Open Space Plan).

The Village has also currently submitted a near \$400K grant application for the redevelopment of our only neighborhood park, Candy Cane Park, but have committed, if awarded, \$340K over a two-year phase. These are larger project costs and do not include annual maintenance of parks. Annual Maintenance of parks alone for 2019 (with some fluctuation to be expected up or down) is \$241,432.98.

PARKS EXPENDITURES \$241,432.98

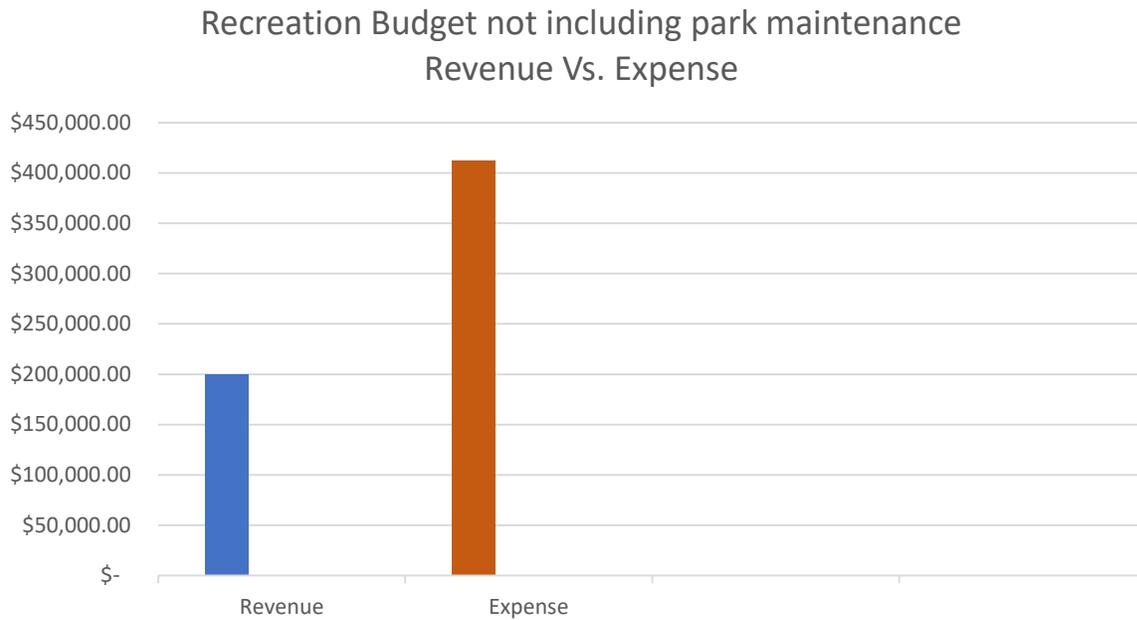


The above costs do not include garbage waste pick up. We have 2 “hub” sites in Kiwanis and Ehlert Parks that have garbage which are collected each day. The labor costs will increase as well (labeled labor costs are through October 1, 2019).

The Village is responsible for the maintenance and improvement of all our parks, yet we are currently not utilizing a standard practice of cost recovery regarding usage fees for this maintenance. We are currently operating a system with growing capital parks costs and no way of recouping regarding current user organizations.

Department revenues currently make up for roughly 31% of total department expenses. The following two tables are meant to serve as a visual of the expected revenue and expense disparity within the department for 2019.

It is a goal of the department to have a 50% program revenue percentage to expenditure and the department believes the implementation of revised usage policy will bring us one step closer to standard practices in reaching this goal.



Breakout of Revenue Sources:



ATTACHMENTS:

1. Proposed [Affiliate Agreement](#) document

STAFF RECOMMENDATION:

The Department is recommending revision of our current field and court usage structure to include identifying classifications of user groups including:

- Affiliates
- Community Organizations
- Non-Profit Organizations
- Civic Organizations
- Residents
- Non-Residents
- For-Profit

Definitions of the above classifications are as follows:

Affiliate Organization

The Village of Brookfield’s Parks and Recreation Department recognizes that certain organizations exist within the community whose purposes are to serve and enhance recreational opportunities for a specific purpose and group. These organizations are separate and independent from the Village and provide for their own leadership, organizational and operational structure. Although the stated missions of the organizations may differ, public investment in public recreational facilities and programs creates a mutually beneficial environment in which to provide quality recreation for all the individuals served by the Parties, as well as the general public. Affiliate groups will be non-profit groups comprised of at least 75% of enrolled or registered Brookfield Residents. Affiliates must meet additional criteria and conditions.

Community Organizations

Organizations matching the Affiliate description but not comprised of 75% of Brookfield residents and

either unable or unwilling to meet additional criteria and conditions as outlined in the affiliate agreement. Community organizations should be comprised of no less than 50% of Brookfield residents.

Non-Profit

A currently recognized 501(c)(3) **nonprofit corporation in Illinois**. Organizations can be formed **for** religious, charitable, scientific, literary, or educational purposes **and** are eligible **for** federal **and** state tax exemptions.

Resident

Any individual who is a current resident of Brookfield

Non-Resident

Any individual who is not a current resident of Brookfield

For-Profit

Any organization not considered a currently recognized 501(c)(3) nonprofit corporation in Illinois and who do not qualify for federal tax exemptions. Groups who provide usage fees for private or organization gain.

The Parks and Recreation department is also recommending a 1-hour fee structure be implemented for user groups according to their identifying classification. Proposed user fees and their category classification are below:

Basic Usage Fees

Fees are applied per 1hr.

\$10 Affiliate

\$15 Community/Non-profit

\$20 Resident

\$30 Non-Resident

\$40 For Profit

As an example, current or recent users would be classified according to below

Ex. Current, Recent and/or Requested Users & How they would be categorized:

| Organization | Category | Fee Per Hours |
|------------------------------|------------|---------------|
| Brookfield Little League | Affiliate | \$10 |
| Babe Ruth Western Conference | Community | \$15 |
| MABLE/MSBL Adult League | Non-Profit | \$15 |
| St. Paul Softball | Community | \$15 |
| RBHS Baseball | Community | \$15 |
| AYSO | Non-Profit | \$15 |
| RB United | Profit | \$40 |
| Chicago International Soccer | Profit | \$40 |
| RBHS Soccer | Affiliate | \$10 |
| Brk Blast Baseball | Non-Profit | \$15 |
| Chivas Soccer | Profit | \$40 |
| LaGrange Celtics | Non-Profit | \$15 |
| Lions Jr Volleyball | Profit | \$40 |
| Warrior Nation Soccer | Non-Profit | \$15 |

User fees were identified by taking a comparison of parks and recreation departments or park districts who are either close in community proximity and/or have similar space owned in fields and courts. Results of those comparisons with a written summary of their operations regarding user organizations is as follows:

| Organization | Affiliate organizations Identified | Associate or community organization Identified | Resident Usage Rates | Non-Resident Usage Rates | Time Designation in Fee usage | Amenity Usage Fee Schedule i.e lights added as additional costs | Certificates of Insurance Required |
|------------------------|---|---|-----------------------------|---------------------------------|--------------------------------------|--|---|
| Brookfield | | | | | | | X |
| Riverside | X | | X | X | X | | X |
| North Riverside | X | | X | X | X | X | X |
| LaGrange | X | | X | X | X | X | X |
| Westchester | X | X | X | X | X | X | X |
| Oakbrook | X | | X | X | X | X | X |
| Clarendon Hills | X | | X | X | X | | X |
| Willowbrook | X | | X | X | X | | X |

The following provides a more comprehensive overview of Usage Structures with brief narrative description by Community:

Brookfield

Brookfield is the only community with no fee schedule in place for any organization. We have no formal agreement with frequent, high user groups. Our BLL & Western Conference provide maintenance and project repair or replacement costs in many instances.

Riverside

Riverside provides soccer and baseball field rentals in 2-hour time blocks.

Resident Rate: \$50/2hr

Non-Resident Rate: \$125/2hr

Community Organizations: \$25/2hr

The Parks and Recreation Department keeps a “Field Maintenance Agreement” with the little league (Affiliate) organization. The league pays for field renovation & special projects. The Department tracks usage time and league project costs to ensure there is equitable exchange yearly. Schools are charged 0 fees in exchange for facility use for recreation programs.

North Riverside

North Riverside provide soccer, baseball and court rentals in 1hr time blocks

Group I (Non-Profit, School, Civic): \$30/hr. baseball & Main Soccer
\$25/hr. West Soccer

Group II (Resident): \$40/hr. baseball & Main Soccer
\$30/hr. West Soccer

Group III (Non-Resident): \$75/hr. baseball & Main Soccer
\$45/hr. West Soccer

North Riverside Parks and Recreation provides their own in-house field repair, lining, maintenance and supply purchase. Their Little League has no formal affiliate agreement but has paid an estimated \$10,000 over the past 3 years to the department and must provide all field requests to the parks and recreation department.

Westchester Park District

Westchester provides soccer, baseball and court usage in 1hr time blocks. Affiliates pay per game slot.

Associates: \$15.00 per hour per use of fields *AYSO pays \$30 per hour

Affiliates: \$15.00 per game slot for each field

Non-Profit Organizations: \$20.00 per hour per use of fields

Profit Organizations: \$25.00 per hour per use of fields

Westchester has a formalized document for each designated “affiliate” or “Associate” organization. This documented is renewed annually and includes reduced fees with transparency in financial information.

Community Park District of LaGrange

Community Park District of LaGrange provides soccer field, baseball field, basketball & Volleyball court rentals in 1hr. time blocks.

Resident: \$20/hr.

Non-Resident: \$30/hr.

Lights are on for volleyball and basketball until 10pm. *Charged additional. Residents & non-residents are not permitted use of lights and are for school and organization use only.

School programs and event use fields free of charge and in return, allow the park district to use their buildings to house recreation programs at no cost.

There is no formal agreement with Lagrange Little League or AYSO. In exchange for use, Little League pays for most of the renovations they want to do to the fields with board approval.

AYSO donates some money annually for field usage. There is no set fee rate for donation and has ranged from \$2,000 and up.

Clarendon Hills Park District

Clarendon Hills provides baseball and soccer field rentals in 1hr. time blocks:

Individual Resident or Resident Team (75% of participants residing within city limits): \$0

Individual Non-Residents or Non-Resident Team: \$30/hr. *50% of user fees due at the beginning of season, balance due at end of season.

Clarendon Hills Park District provides all users with a field allocation statement outlining agreement standards. There are no affiliate designations.

Willowbrook Parks and Recreation

Willowbrook provides baseball field, soccer field, basketball and volleyball court rentals at 4-hr. time blocks. An additional fee of \$10 is charged beyond the 4 hours in a 2-hour block. There is an additional non-refundable application/permit fee of \$15 residents, \$20 non-residents

Basic Usage Fees

(Fees apply for each field or court per date)

Athletic fields

| | |
|--------------------------------|------------------------------------|
| Softball field (per field) | \$20 Resident \$25 Non-Resident |
| Football / soccer field | \$15 Resident \$20 Non-Resident |
| <i>All other parks</i> | \$15 Resident \$20 Non-Resident |
| Basketball or volleyball court | \$10 Resident \$15 Non-Resident |
| Tennis court (per court) | \$15 Resident \$20 Non-Resident |

*Fees are currently being adjusted up for 2020

Willowbrook's largest user group is considered their "affiliate" group and is a softball organization. They have a 3 year contract and costs are adjusted annually for labor/materials each year. The organization pays on average, \$6200/yr. plus field improvement and repair/replacement costs.

Oakbrook Park District

Oakbrook Park District provides field rentals at 2-hour time blocks. There is an additional light fee of \$50/hr. for all rentals.

Resident: \$50/2hr

Non-Resident: \$75/2hr

Resident Community Organizations: \$25/2hr.

Non-Resident Organizations: \$50/2hr.

Oakbrook park district does not have a formal agreement with little league or AYSO organizations. These organizations use the fields at \$0 charge.

REQUESTED COURSE OF ACTION:

Board resolution approving the affiliate agreement designation for qualifying organizations, revision of identifying classifications for other organizations and implementation of additional usage fee table for the start of the year 2020.

Village of Brookfield Affiliate Agreement

PURPOSE

The Parks and Recreation Department recognizes that at times it is in the best interest of the community that the Village work with outside organizations in coordinating, integrating and consolidating the planning and provision of recreational facilities and programs when basic functions are compatible and a public benefit may be derived. Through working relationships with outside organizations and joint efforts, each Party can contribute to greater public service without relinquishing their separate identities or any of their individual responsibilities.

To this end, the Parks and Recreation department is willing to establish a working relationship and cooperative agreement with _____.

This affiliate agreement is meant to define the working relationship, mutual expectations, and individual responsibilities. However, this Agreement cannot be considered absolute; but shall serve as a frame of reference. Standards outlined herein ensure that the Parties' concept of joint planning, use, and maintenance is followed to the maximum extent possible, while retaining the essential freedom of discretion, decision and action in planning, developing and maintaining recreational programs.

I. Criteria and Conditions

1. The Affiliate shall provide its own leadership, structure, and must delegate operational duties to its membership.
2. The Affiliate shall conduct its own financial business and be financially self-supporting.
3. The Affiliate shall have its own volunteer governing board with adopted written bylaws or guidelines to guide the board in policy-making decisions, and:
 - a. Is a not-for-profit corporation or organization dedicated to offering and promoting recreational activities which are compatible with and supplement Parks and Recreation programs;
 - b. At least 75% of the members/participants of the Affiliate must be residents of the Village of Brookfield. Once registration has been completed, the Affiliate shall notify the Director of Parks and Recreation to determine residency status. The affiliate liaison shall provide a copy of the registration documents for each participant at a meeting with the Affiliate and the Parks Department designee.
 - c. Affiliate will provide an annual detailed budget to the Village showing all anticipated revenue and expenditures; and
 - d. provide an annual audit or detailed report which documents the Affiliate's current financial standings, including operational revenues, expenditures, and financial reserves.

4. The Affiliate must submit a written request to the Parks and Recreation Department seeking approval to enter sponsorship agreements with potential third-party partners. The Parks and Recreation Department must approve all potential sponsor partners prior to the execution of a sponsorship agreement. The Parks and Recreation Department has the right, in its sole discretion, to deny any sponsorship agreement that may not be in the best interest of the Village.
5. Upon execution of this Agreement, the Affiliate shall provide a list of the Affiliate's board members and officers, including said board members and officer's email addresses, residential addresses and telephone numbers.
6. The Affiliate shall designate both an Affiliate liaison and alternate Affiliate liaison and, upon execution of this Agreement, provide said Affiliate liaison's and alternate Affiliate liaison's telephone numbers, email and other contact information to the Parks and Recreation Department.
7. The Parks and Recreation Director shall designate a Village liaison to communicate with the Affiliate and will provide the necessary contact information to the Affiliate. Unless otherwise notified by the Parks and Recreation Department, the Parks and Recreation liaisons shall be Andy Zontos, Department of Public Works Parks Foreman. Affiliates should be aware that the office hours of the Village Liaison are from 7:00 am – 3:00 pm, Monday through Friday. Calls made to liaisons after hours or on weekends may result in the Affiliate being billed for conducting business during non-office hours.
8. The Affiliate agrees and understands that neither the Affiliate nor its officials, officers, members, employees or volunteers are entitled to any benefits or protections afforded employees or volunteers of the Village and are not bound by any obligations as employees of the Village. The Affiliate will not be covered under provisions of the unemployment compensation insurance of the Village of Brookfield or the workers' compensation insurance and that any injury or property damage arising out of any Affiliate activity will be the Affiliate's sole responsibility and not the responsibility of the Village. Also, it is understood that the Affiliate is not protected as an employee or as a person acting as an agent or employee under the provisions of the general liability insurance of the Village and therefore, the Affiliate will be solely responsible for its own actions. The Village will in no way defend the Affiliate in matters of liability.
9. Affiliate shall fully cooperate with any investigation conducted by or on behalf of the Parks and Recreation Department and/or Village of Brookfield. Failure to fully cooperate with any such investigation shall constitute a breach of Agreement and in the sole discretion of the Parks and Recreation Department, may result in revocation or suspension of any Affiliate privileges under this Agreement
10. This Agreement shall not be deemed to create a joint venture, partnership, principal-agent, employer-employee or similar relationship between the Affiliate and the Village. The Affiliate or members of the Affiliate shall not represent themselves as employees, volunteers, or agents of the Village.

11. The Village authorizes the Affiliate to place the Village of Brookfield logo on the Affiliate's website and to provide a link to the village website during the term of this Agreement, provided the Parks and Recreation Department shall have the right to approve the placement of such logo and link. The right to use the Village logo is non-exclusive, non-assignable and nontransferable. All use by the Affiliate of the Village's logo shall ensure solely to the benefit of the Village.
12. The Affiliate, itself, with its own accounts in the Affiliate's name, shall be responsible for all fees, charges, monies, and expenditures related to its obligation as an organization. The Affiliate shall have a written policy regarding participant refunds and shall address all requests for refunds in a timely manner.
13. Costs for maintenance of Village equipment and/or facilities will be charged to the Affiliate as listed in Section III of this Agreement.
14. The Affiliate acknowledges and agrees that the Affiliate is responsible for any and all expenses, including, but not limited to, the provision of equipment and materials related to the Affiliate's activities and use of Village property and facilities, unless otherwise specified and agreed to in writing. Affiliate shall be responsible for all charges listed in Section III of this Agreement.
15. Activities, programs, and events sponsored by Affiliate shall not, other than to adhere to specific membership guidelines, program requirements, or minimum residency standards, discriminate against or exclude any individual, for participation for reasons of race, color, creed, national origin, sex, sexual orientation, disability, or any other characteristic protected by local, state, or federal law.
16. The Affiliate agrees to conduct, at its sole cost and expense, criminal background checks for all of its employees and volunteers. The Affiliate is solely responsible for determining whether any conviction disqualifies an employee or volunteer.

The Affiliate shall not knowingly retain as an employee or volunteer any person who has been convicted, or adjudicated a delinquent minor, for committing attempted first degree murder or for committing or attempting to commit first degree murder, a Class X felony, or any one or more of the following offenses:

- (i) those defined in Sections:
 - a. 11-1.20 (Criminal Sexual Assault),
 - b. 11-1.30 (Aggravated Criminal Sexual Assault),
 - c. 11-1.40 (Predatory Criminal Sexual Assault of a Child),
 - d. 11-1.50 (Criminal Sexual Abuse),
 - e. 11-1.60 (Aggravated Criminal Sexual Abuse),
 - f. 11-6 (Indecent Solicitation of a Child),
 - g. 11-9 (now codified as 11-30, Public Indecency),
 - h. 11-14 (Prostitution),
 - i. 11-14.3 (Promoting Prostitution),
 - j. 11-14.4 (Promoting Juvenile Prostitution),
 - k. 11-18 (Patronizing a Prostitute),
 - l. 11-20 (Obscenity),

- m. 11-20.1 (Child Pornography),
 - n.11-21 (Harmful Material),
 - o.11-30 Public Indecency),
 - p.12-7.3 (Stalking),
 - q.12-7.4 (Aggravated Stalking),
 - r. 12-7.5 (Cyberstalking),
 - s. 12-13 (now covered in 11-1.20),
 - t. 12-14 (now covered in 11-1.30) ,
 - u.12-14.1 (now covered in 11-1.40),
 - v.12-15 (now covered in 11-1.50), and
 - w. 12-16 (now covered in 11-1.60), of the Illinois Criminal Code of 1961 or the Criminal Code of 2012;
- (ii) Those defined in the Illinois Cannabis Control Act, except those defined in Sections:
 - a. 4(a) (possession of not more than 2.5 grams of any substance containing cannabis),
 - b.4(b) (possession of more than 2.5 grams but not more than 10 grams of any substance containing cannabis), and
 - c.5(a) (manufacture, delivery, or possession with intent to deliver or manufacture, cannabis not more than 1.5 grams of any substance containing cannabis) of that Act;
 - (iii) Those defined in the Illinois Controlled Substances Act (720 ILCS 570/100 et seq.);
 - (iv) Those defined in the Methamphetamine Control and Community Protection Act (720 ILCS 646/1 et seq.); and
 - (v) Any offense committed or attempted in any other state or against the laws of the United States, which, if committed or attempted in this State, would have been punishable as one or more of the foregoing offenses.
 - (vi) Further, the Affiliate shall not employ a person who has been found to be the perpetrator of sexual or physical abuse of any minor under 18 years of age pursuant to proceedings under Article II of the Juvenile Court Act of 1987 (705 ILCS 405/2-2, Abused, Neglected or Dependent Minors).

The Affiliate shall not retain as an employee or volunteer any person for whom a criminal background investigation has not been initiated.

- 18. The Affiliate agrees to cross-reference all coaches, managers, staff, employees and volunteers with the state and/or local Child Offender Database.
- 19. The Affiliate understands and agrees that it is solely responsible for determining whether any staff, employee, or volunteer is qualified and suitable for any Affiliate position and/or activity and that the Village is not responsible for any hiring or retention decision.

20. The Affiliate will adhere to the Americans with Disabilities Act (“ADA”) and shall make reasonable accommodation for all individuals with disabilities.
21. The Affiliate shall base employment, volunteer, and participation criteria upon personal capabilities and qualifications without discrimination because of race, color, religion, sexual orientation, sex (except as an appropriate division for athletics programming), national origin, age (except as an appropriate division of programming levels for youth athletics programming), marital status, or any other protected characteristic as established by law.
22. Affiliate shall comply with all other applicable codes, laws, ordinances and regulations of the Village of Brookfield, Cook County, the State of Illinois, and Federal Government, which includes the operation of any concession stand.

II. Facility Use

1. Affiliate shall make all requests to use Parks and Recreation fields on the following schedule:
 - a. **Spring Request** (March – April)
Field requests for permits may be submitted to the Parks and Recreation office starting on November 15th and determinations will be made after January 15th.
 - b. **Summer Requests** (May 1st through August 15th)
Field request for permits may be submitted to Parks and Recreation office starting on December 15th and determinations will be made after February 16th.
 - c. **Fall Request** (August 15th through November 15th)
Field requests for permits may be submitted to the Parks and Recreation office starting on June 1st and determinations will be made after July 1st.

The Parks and Recreation office shall use its best efforts to accommodate the Affiliate’s field requests, however, any and all Parks and Recreation programs and leagues shall have priority scheduling for use of any Village fields over all Affiliate’s organizations

The affiliates of the Parks and Recreation department shall meet and confer to coordinate schedules for their respective programs. The affiliates shall submit their agreed joint schedule for each field for all available dates to the Parks and Recreation Director. In the event that the affiliates are unable to agree to a joint schedule, then the Parks and Recreation Department shall determine field scheduling in accordance with the following:

Hierarchy of field scheduling request by multiple Affiliate Organizations:

Organizations having the longest time period of continuous signed agreements as an Affiliate shall be given priority scheduling of fields over other Affiliates. If it is determined that the scheduling request of any Affiliate Organization is a gross misrepresentation of the Affiliates actual needs, the parks and recreation department will immediately reclassify the status of the affiliate and it shall lose it’s hierarchy status.

Priority scheduling is permitted in the following order:

- a. Village of Brookfield Parks and Recreation Programs and Partners
 - b. Affiliate Organizations
 - c. Community Organizations
 - d. Residents
 - e. Other Not for Profit Organizations
 - f. Profit Organizations
 - g. Non-Residents
2. It is the sole responsibility of the Affiliate to determine whether any facility, field, or location is safe, suitable, and/or appropriate for any intended use.
 3. At the beginning of each of the fall and spring seasons and each time that the Village or its agent moves any soccer goal, the Village will inspect each soccer goal to ensure such goal is in good working condition and is adequately anchored. The Affiliate shall inspect each facility, field, or other location prior to and subsequent to each use to ensure that the soccer goals are securely anchored and shall promptly report any unsafe condition (holes in sports fields, broken equipment, unsecure soccer goals, etc.) to the Parks and Recreation Department. The Parks and recreation department shall promptly respond to any request of or notification by the Affiliate of any unsafe condition or repair that is required to any facility, field or improvement thereon (e.g., soccer goals, spectator seating, etc.).
 4. The Affiliate is solely responsible for providing supervision and security services, as needed, for any and all Affiliate activities.
 5. The Parks and recreation department will provide one storage box at each permitted site for Affiliate's use, but does not assume any responsibility, care, custody, or control of any Affiliate property or equipment brought upon or stored upon Village property. The Affiliate is solely responsible for the safety and/or security of any property or equipment brought upon or stored on Village property.
 6. The Affiliate shall adhere to all applicable facility and Village ordinances, rules, regulations, policies, and procedures.
 7. Prior to the start of each season, the Parks and Recreation Village liaison will schedule a meeting between the Affiliate liaison and the Director of Parks and Recreation to discuss any field maintenance issues or concerns related to the Affiliate's use of said fields.

III. Rental/Usage Fee

The Affiliate agrees to and shall pay \$ 10.00 per hour scheduled which shall be billed to the organization at the conclusion of their season.

The following items shall be furnished to the Affiliate based on the Village cost at the beginning of the Fall and Spring Season (this list is not meant to be all inclusive): ball diamond drying materials, field painting supplies, base anchors, chalk, and portable toilets. Prior to commencement of each season of play, the Village will set up each of the fields, including striping the playing area. After the initial setup has been completed, the Affiliate shall be responsible for maintaining the purchasing, striping and field maintenance. Additional striping, when requested by an Affiliate, shall be done by the Village at the Affiliate's cost of labor and material.

IV. Advertisement

The Affiliate shall draft a brief summary regarding the Affiliate for publication in the appropriate Recreation Guide. The Affiliate is responsible for providing the parks and recreation department with any updates to this summary in accordance with the Program Guide Production Timeline (Timeline will be provided to the Affiliate on an annual basis). The Village also agrees to provide a link to the Affiliate's website on the Village website.

V. Insurance and Indemnification

The Affiliate shall procure and maintain for the duration of this Agreement, the following insurance against claims for injuries to persons or damages to property which may arise from or in connection with any of Affiliate's activities:

A. Commercial General and Umbrella Liability Insurance

Affiliate shall maintain commercial general liability (CGL) and, if necessary, commercial umbrella insurance with a limit of not less than \$1,000,000 each occurrence. If such CGL insurance contains a general aggregate limit, it shall apply separately to this Agreement.

CGL insurance shall be written on Insurance Services Office (ISO) occurrence form CG 00 01 10 93, or a substitute form providing equivalent coverage, and shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal injury and advertising injury, liability assumed under an insured contract (including the tort liability of another assumed in a business contract), and shall not be endorsed to exclude claims arising from athletic participation.

The Village shall be included as an insured under the CGL, using ISO additional insured endorsement CG 20 26 or a substitute providing equivalent coverage, and under the commercial umbrella, if any. This insurance shall apply as primary insurance with respect to any other insurance or self-insurance afforded to the Village. Any insurance or self-insurance maintained by the Village shall be excess of the Affiliate's insurance and shall not contribute with it.

The CGL policy must include individuals for athletic participation.

B. Business Auto and Umbrella Liability Insurance

If applicable, the Affiliate shall maintain business auto liability and, if necessary, commercial umbrella liability insurance with a limit of not less than \$1,000,000 each accident. Such insurance shall cover liability arising out of any auto including owned, hired and non-owned autos.

Business auto insurance shall be written on Insurance Services Office (ISO) form CA 00 01, CA 00 05, CA 00 12, CA 00 20, or a substitute form providing equivalent liability coverage. If necessary, the policy shall be endorsed to provide contractual liability coverage equivalent to that provided in the 1990 and later editions of CA 00 01.

C. Workers Compensation Insurance

If applicable, the Affiliate shall maintain workers compensation and employers liability insurance. The commercial umbrella and/or employers liability limits shall not be less than \$1,000,000 each accident for bodily injury by accident or \$1,000,000 each employee for bodily injury by disease.

E. General Insurance Provisions

1. Evidence of Insurance

Prior to exercising any rights under this Agreement, the Affiliate shall furnish the Village with a certificate(s) of insurance and applicable policy endorsement(s), executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements set forth above.

All certificates shall provide for 30 days' written notice to the Village prior to the cancellation or material change of any insurance referred to therein. Written notice to the Village shall be by certified mail, return receipt requested.

Failure of the Parks and Recreation Department to demand such certificate, endorsement or other evidence of full compliance with these insurance requirements or failure of the Parks and Recreation Department to identify a deficiency from evidence that is provided shall not be construed as a waiver of the Affiliate's obligation to maintain such insurance.

The Parks and Recreation Department shall have the right, but not the obligation, of prohibiting the Affiliate from using the premises until such certificates or other evidence that insurance has been placed in complete compliance with these requirements is received and approved by the Village

Failure to maintain the required insurance may result in termination of this agreement at the Village's option.

VI. No Third Party Beneficiary

This Agreement is entered into solely for the benefit of the contracting Parties, and nothing in this Agreement is intended, either expressly or impliedly, to provide any right or benefit

of any kind whatsoever to any person or entity who is not a Party to this Agreement, or to acknowledge, establish or impose any legal duty to any third party.

VII. Termination and Duration

a. The initial term of this Agreement shall commence annually per calendar start of January 1 unless otherwise terminated herein. Thereafter, this Agreement shall be deemed automatically renewed for one successive one year period unless either Party shall advise the other Party in writing of its intention not to renew the Agreement at least 90 days prior to the annual renewal date.

b. The Village retains the right to alter the terms and conditions of this Agreement or to terminate this Agreement at any time and for any reason. The Village may terminate this Agreement immediately due to misconduct of the Affiliate in representation or negative public comment or for misuse of property, for purposes deemed necessary for public safety or preservation of property, if termination serves the interests of Village residents, or because the Affiliate has breached any of its obligations under this Agreement.

The Affiliate may terminate this Agreement by providing a minimum of 90 days prior written notice to the Village

c. Upon termination of this Agreement for any reason, the Affiliate shall have the financial responsibility to the Village for any outstanding fees and/or money owed to the Park District and shall promptly reimburse the village said fees and/or money owed.

IN WITNESS WHEREOF, each of the Parties has caused this Agreement to be executed by a duly authorized officer thereof as of the date hereunder.

Affiliate:

Village Representative:

By: _____

By:

Title: _____

Title: Director of Parks and Recreation

Date

Date



COMMITTEE ITEM MEMO

ITEM: 2019 Estimated Village of Brookfield Property Tax Levy Resolution

COMMITTEE OF THE WHOLE

DATE: October 28, 2019

PREPARED BY: Doug Cooper, Finance Director

PURPOSE: Approval of Estimated 2019 Tax Levy as required under the Truth in Taxation Act

BUDGET AMOUNT: N/A

BACKGROUND:

The Village is required to pass a resolution estimating the amount of the 2019 Tax Levy in order to determine if a public hearing should be held. Under the Property Tax Extension Limitation Law (PTELL or the Tax Cap), the Village is allowed to increase its levy from the previous year's levy by an amount of the lower of the CPI or 5%. The Illinois Department of Revenue stipulated that the 2019 Tax Levy increase will be held to 1.9% (CPI as of January 1, 2019).

While the Levy increase under PTELL is held to 1.9%, the Village is levying an additional 2.1% in order to capture any new growth which has occurred during 2019. New growth in property value is exempt from PTELL, and the Village historically has set its levy request at an amount that will ensure full capture of that growth. Once the total value of new property has been established by the county, the proper taxing rate under PTELL will be developed, and the taxing dollars will be lower than the amount shown in this year's levy request.

Two Items need to be noted:

1. The Library has not yet developed its tax levy for 2019; it is expected that the final 2019 library levy will be adopted at the November 20, 2019 Library Board of Trustees meeting. Like the Village, the library levy will be estimated at a 4% increase over the last year's extended levy. This has been discussed with the executive director of the Library and is just an estimate; the Library Levy may come in with a higher levy.
2. The Village's independent actuary has provided both the Police and Firefighter Pension Fund levy amounts. Attached to this memo are the Police and Firefighter Pension Fund Annual Compliance Reports which includes the formal Tax Levy request from each Pension Fund. The recommended levy from each fund is noted on page 1 of the reports.

The Village's 2019 estimated tax levy is \$11,121,772 for purposes of the Truth in Taxation Resolution. This represents a 4.0% increase over the 2018 extended levy. The total Village Levy, including Debt Service funds amounts to \$13,086,233 an increase of 3.84% over the previous year's levy.

ATTACHMENTS:

1. [Resolution](#) Determining the Estimated Property Taxes to be levied for the 2019 Tax Year and related schedule.
2. Brookfield Police and Firefighter Pension Fund's [Municipal Compliance Reports](#) which include the pension levy request from each fund – see page one of each report.

STAFF RECOMMENDATION:

Staff recommends the adoption of the above resolution.

REQUESTED COURSE OF ACTION:

The Resolution will be presented to the Board for Approval at the November 11th Board of Trustees Meeting. The Board of Trustees will be presented with the formal Tax Levy Ordinance at the November 25th Committee of the Whole Meeting, for discussion. The Tax Levy Ordinance will be placed on the December 9th Board of Trustees Meeting, for adoption. A public hearing will be held prior to the start of the Board of Trustees meeting on Monday, December 9th.

RESOLUTION NO. R-2019 – _____

**A RESOLUTION DETERMINING THE ESTIMATED PROPERTY TAXES
TO BE LEVIED FOR THE 2019 TAX YEAR OF
THE VILLAGE OF BROOKFIELD, ILLINOIS**

**PASSED AND APPROVED BY
THE PRESIDENT AND BOARD OF TRUSTEES
THE 11th DAY OF NOVEMBER 2019**

RESOLUTION NO. R -2019 – _____

**A RESOLUTION DETERMINING THE ESTIMATED PROPERTY TAXES
TO BE LEVIED FOR THE 2019 TAX YEAR OF
THE VILLAGE OF BROOKFIELD, ILLINOIS**

WHEREAS, the Truth-in-Taxation Law, (*35 ILCS 200/18-55 et seq.*) requires corporate authorities to determine the amounts of money, exclusive of any portion attributable to the cost of conducting an election required by the Election Code, estimated to be necessary to be raised by taxes from year to year;

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of Brookfield as follows:

Section 1. Determination of Estimate of Taxes to be Levied.

The corporate authorities of the Village of Brookfield, Illinois, do hereby determine that the estimated aggregate tax levy amount for the 2019 tax year, exclusive of any portion of that levy attributable to the cost of conducting an election required by the general election law, is \$13,086,233.

Section 2. Public Hearing.

A public hearing on the intent to adopt the aggregate tax levy for the 2019 tax year is hereby set to be held on Monday, December 9, 2019, at the hour of 6:30 p.m., in the Edward Barcall Hall in the Municipal Building, 8820 Brookfield Avenue, Brookfield, Illinois.

Section 3. Notice.

The notice of the time and place of such public hearing shall be prepared and published in the *Landmark* newspaper (published by Wednesday Journal, Inc.) not more than 14 days nor less than 7 days before the date of the public hearing in the form and manner provided by law.

Section 4. Effective Date.

This Resolution shall take effect upon its passage, approval in the manner provided by law, and publication in pamphlet form.

ADOPTED this 11th day of November 2019, pursuant to a roll call vote as follows:

AYES: _____

NAYS: _____

ABSENT: _____

ABSTENTION: _____

APPROVED by me this 11th day of November 2019.

Kit P. Ketchmark, President of the
Village of Brookfield, Cook County, Illinois

ATTESTED this 11th day of November 2019.

Brigid Weber, Clerk of the Village
of Brookfield, Cook County, Illinois

**Village of Brookfield
2019 Proposed Tax Levy Summary
Net of All Debt Service Abatements**

LEVY REQUEST TO COOK COUNTY

| Specific Tax | 2019 Proposed Tax Levy | 2018 Extended Tax Levy | Dollar Difference | Percent Difference |
|--|---------------------------------------|---------------------------------------|------------------------------|-------------------------------|
| Corporate Fund | | | | |
| General Corporate | 1,647,963 | 1,432,257 | 215,706 | 15.06% |
| Special Levies | | | | |
| Police Protection | 2,042,879 | 1,964,307 | 78,572 | 4.00% |
| Fire Protection | 2,042,879 | 1,964,307 | 78,572 | 4.00% |
| Total Special Levies | 4,085,759 | 3,928,614 | 157,144 | 4.00% |
| Pension Levies | | | | |
| Police Pension | 2,060,365 | 1,974,203 | 86,162 | 4.36% |
| Firefighters Pension Less PA 93-0689 | 939,437 | 1,063,306 | (123,869) | -11.65% |
| Total Pension Levies | 2,999,802 | 3,037,509 | (37,707) | -1.24% |
| Total Corporate, Special & Pension Levies | 8,733,523 | 8,398,380 | 335,142 | 3.99% |
| Library | | | | |
| Operations | 2,219,089 | 2,133,739 | 85,350 | 4.00% |
| IMRF | 39,523 | 62,151 | (22,628) | -36.41% |
| Social Security | 64,637 | 38,003 | 26,634 | 70.08% |
| Library Bldg. and Sites | 65,000 | 62,151 | 2,849 | 4.58% |
| Total Library Levy | 2,388,249 | 2,296,044 | 92,205 | 4.02% |
| Total For Truth In Taxation/Tax Cap | 11,121,772 | 10,694,424 | 427,347 | 4.00% |
| Non-Capped Funds | | | | |
| Firefighters Pension PA 93-0689 | 57,311 | 60,362 | (3,051) | -5.05% |
| Debt Service | | | | |
| Levy per debt ordinances | 2,942,951 | | | |
| Less abatements in the amount of | (1,035,801) | 1,907,150 | 1,848,079 | 3.20% |
| Total Village Non-Capped Levy | 1,907,150 | 1,964,461 | 56,020 | NA |
| Total Village Levy | 10,697,984 | 10,306,821 | 391,163 | 3.80% |
| Total Village & Library Levy | 13,086,233 | 12,602,865 | 483,367 | 3.84% |

THE VILLAGE OF BROOKFIELD, ILLINOIS
POLICE PENSION FUND

PUBLIC ACT 95-0950
MUNICIPAL COMPLIANCE REPORT

FOR THE FISCAL YEAR ENDED
DECEMBER 31, 2018



July 16, 2019

Members of the Pension Board of Trustees
Brookfield Police Pension Fund
Brookfield, Illinois

Enclosed please find a copy of your Municipal Compliance Report for the Brookfield Police Pension Fund for the fiscal year ended December 31, 2018. We have prepared the report with the most recent information available at our office. Should you have more current information, or notice any inaccuracies, we are prepared to make any necessary revisions and return them to you.

The President and Secretary of the Pension Fund are required to sign the report on page 3. If not already included with the enclosed report, please also include a copy of the Pension Fund's most recent investment policy.

The signed Public Act 95-0950 - Municipal Compliance Report must be provided to the Municipality before the tax levy is filed on the last Tuesday in December. We are sending the report via email to promote an environmentally-friendly work atmosphere.

If you have any questions regarding this report, please contact your Client Manager or PSA.

Respectfully submitted,

Lauterbach & Amen, LLP

LAUTERBACH & AMEN, LLP

**THE VILLAGE OF BROOKFIELD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

The Pension Board certifies to the Board of Trustees of the Village of Brookfield, Illinois on the condition of the Pension Fund at the end of its most recently completed fiscal year the following information:

- 1) The total cash and investments, including accrued interest, of the fund at market value and the total net position of the Pension Fund:

| | <u>Current Fiscal Year</u> | <u>Preceding Fiscal Year</u> |
|---|--------------------------------|----------------------------------|
| Total Cash and Investments (including accrued interest) | <u>\$17,838,764</u> | <u>\$18,265,074</u> |
| Total Net Position | <u>\$17,829,772</u> | <u>\$18,252,807</u> |

- 2) The estimated receipts during the next succeeding fiscal year from deductions from the salaries of police officers and from other sources:

| | |
|---|--------------------|
| Estimated Receipts - Employee Contributions | <u>\$295,400</u> |
| Estimated Receipts - All Other Sources | |
| Investment Earnings | <u>\$1,248,700</u> |
| Municipal Contributions | <u>\$2,060,365</u> |

- 3) The estimated amount required during the next succeeding fiscal year to (a) pay all pensions and other obligations provided in Article 3 of the Illinois Pension Code, and (b) to meet the annual requirements of the fund as provided in Sections 3-125 and 3-127:

| | |
|--|--------------------|
| (a) Pay all Pensions and Other Obligations | <u>\$2,246,900</u> |
| (b) Annual Requirement of the Fund as Determined by: | |
| Illinois Department of Insurance | <u>\$1,574,383</u> |
| Private Actuary - Lauterbach & Amen, LLP | |
| Recommended Municipal Contribution | <u>\$2,060,365</u> |
| Statutory Municipal Contribution | <u>\$1,381,338</u> |

**THE VILLAGE OF BROOKFIELD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

- 4) The total net income received from investment of assets along with the assumed investment return and actual investment return received by the fund during its most recently completed fiscal year compared to the total net income, assumed investment return, and actual investment return received during the preceding fiscal year:

| | <u>Current Fiscal Year</u> | <u>Preceding Fiscal Year</u> |
|---|--------------------------------|----------------------------------|
| Net Income Received from Investment of Assets | <u>(\$857,066)</u> | <u>\$2,233,277</u> |
| Assumed Investment Return | | |
| Illinois Department of Insurance | <u>6.50%</u> | <u>6.50%</u> |
| Private Actuary - Lauterbach & Amen, LLP | <u>7.00%</u> | <u>6.75%</u> |
| Actual Investment Return | <u>(4.75)%</u> | <u>13.16%</u> |

- 5) The total number of active employees who are financially contributing to the fund:

| | |
|--------------------------|-----------|
| Number of Active Members | <u>29</u> |
|--------------------------|-----------|

- 6) The total amount that was disbursed in benefits during the fiscal year, including the number of and total amount disbursed to (i) annuitants in receipt of a regular retirement pension, (ii) recipients being paid a disability pension, and (iii) survivors and children in receipt of benefits:

| | <u>Number of</u> | <u>Total Amount Disbursed</u> |
|------------------------------------|------------------|-----------------------------------|
| (i) Regular Retirement Pension | <u>22</u> | <u>\$1,629,749</u> |
| (ii) Disability Pension | <u>0</u> | <u>\$0</u> |
| (iii) Survivors and Child Benefits | <u>2</u> | <u>\$83,413</u> |
| Totals | <u>24</u> | <u>\$1,713,162</u> |

**THE VILLAGE OF BROOKFIELD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

7) The funded ratio of the fund:

| | <u>Current Fiscal Year</u> | <u>Preceding Fiscal Year</u> |
|--|--------------------------------|----------------------------------|
| Illinois Department of Insurance | <u>50.10%</u> | <u>49.79%</u> |
| Private Actuary - Lauterbach & Amen, LLP | <u>50.57%</u> | <u>47.82%</u> |

8) The unfunded liability carried by the fund, along with an actuarial explanation of the unfunded liability:

Unfunded Liability:

| | |
|--|---------------------|
| Illinois Department of Insurance | <u>\$19,041,030</u> |
| Private Actuary - Lauterbach & Amen, LLP | <u>\$18,770,772</u> |

The accrued liability is the actuarial present value of the portion of the projected benefits that has been accrued as of the valuation date based upon the actuarial valuation method and the actuarial assumptions employed in the valuation. The unfunded accrued liability is the excess of the accrued liability over the actuarial value of assets.

9) The investment policy of the Pension Board under the statutory investment restrictions imposed on the fund.

Investment Policy - See Attached.

Please see Notes Page attached.

CERTIFICATION OF MUNICIPAL POLICE
PENSION FUND COMPLIANCE REPORT

The Board of Trustees of the Pension Fund, based upon information and belief, and to the best of our knowledge, hereby certify pursuant to §3-143 of the Illinois Pension Code 40 ILCS 5/3-143, that the preceding report is true and accurate.

Adopted this _____ day of _____, 2019

President _____ Date _____

Secretary _____ Date _____

**THE VILLAGE OF BROOKFIELD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

INDEX OF ASSUMPTIONS

- 1) Total Cash and Investments - as Reported at Market Value in the Audited Financial Statements for the Years Ended December 31, 2018 and 2017.

Total Net Position - as Reported in the Audited Financial Statements for the Years Ended December 31, 2018 and 2017.

- 2) Estimated Receipts - Employee Contributions as Reported in the Audited Financial Statements for the Year Ended December 31, 2018 plus 5.41% Increase (Actuarial Salary Increase Assumption) Rounded to the Nearest \$100.

Estimated Receipts - All Other Sources:

Investment Earnings - Cash and Investments as Reported in the Audited Financial Statements for the Year Ended December 31, 2018, times 7% (Actuarial Investment Return Assumption) Rounded to the Nearest \$100.

- 3) (a) Pay all Pensions and Other Obligations - Total Non-Investment Deductions as Reported in the Audited Financial Statements for the Year Ended December 31, 2018, plus a 25% Increase, Rounded to the Nearest \$100.

(b) Annual Requirement of the Fund as Determined by:

Illinois Department of Insurance - Suggested Amount of Tax Levy as Reported in the December 31, 2018 Actuarial Valuation.

Private Actuary - Lauterbach & Amen, LLP:

Recommended Amount of Tax Levy as Reported by Lauterbach & Amen, LLP in the December 31, 2018 Actuarial Valuation.

Statutorily Required Amount of Tax Levy as Reported by Lauterbach & Amen, LLP in the December 31, 2018 Actuarial Valuation.

**THE VILLAGE OF BROOKFIELD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

INDEX OF ASSUMPTIONS - Continued

- 4) Net Income Received from Investment of Assets - Investment Income (Loss) net of Investment Expense, as Reported in the Audited Financial Statements for the Years Ended December 31, 2018 and 2017.

Assumed Investment Return:

Illinois Department of Insurance - Current and Preceding Fiscal Year Interest Rate Assumption as Reported in the December 31, 2018 and 2017 Actuarial Valuations.

Private Actuary - Current and Preceding Fiscal Year Interest Rate Assumption as Reported in the Lauterbach & Amen, LLP, December 31, 2018 and 2017 Actuarial Valuations.

Actual Investment Return - Net Income Received from Investments as Reported Above as a Percentage of the Average of the Beginning and Ending Balances of the Fiscal Year Cash Investments, Excluding Net Investment Income, Gains, and Losses for the Fiscal Year Return Being calculated, as Reported in the Audited Financial Statements for the Fiscal Years Ended

- 5) Number of Active Members - Illinois Department of Insurance Annual Statement for December 31, 2018 - Schedule P.
- 6) (i) Regular Retirement Pension - Illinois Department of Insurance Annual Statement for December 31, 2018 - Schedule P for Number of Participants and Expense page 1 for Total Amount Disbursed.
- (ii) Disability Pension - Same as above.
- (iii) Survivors and Child Benefits - Same as above.

**THE VILLAGE OF BROOKFIELD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

INDEX OF ASSUMPTIONS - Continued

7) The funded ratio of the fund:

Illinois Department of Insurance - Current and Preceding Fiscal Year Net Present Assets as a percentage of Total Assets as Reported in the December 31, 2018 and 2017 Actuarial Valuations.

Private Actuary - Current and Preceding Fiscal Year Net Present Assets as a percentage of Total Assets as Reported in the Lauterbach & Amen, LLP, December 31, 2018 and December 31, 2017 Actuarial Valuations.

8) Unfunded Liability:

Illinois Department of Insurance - Deferred Asset (Unfunded Accrued Liability) as Reported in the December 31, 2018 Actuarial Valuation.

Private Actuary - Deferred Asset (Unfunded Accrued Liability) as Reported by Lauterbach & Amen, LLP in the December 31, 2018 Actuarial Valuation.

THE VILLAGE OF BROOKFIELD, ILLINOIS
FIREFIGHTERS' PENSION FUND

PUBLIC ACT 95-0950
MUNICIPAL COMPLIANCE REPORT

FOR THE FISCAL YEAR ENDED
DECEMBER 31, 2018



Lauterbach & Amen, LLP

CERTIFIED-PUBLIC ACCOUNTANTS

668 NORTH RIVER RD. • NAPERVILLE, ILLINOIS 60563

PHONE 630.393.1483 • FAX 630.393.2516

www.lauterbachamen.com

August 8, 2019

Members of the Pension Board of Trustees
Brookfield Firefighters' Pension Fund
Brookfield, Illinois

Enclosed please find a copy of your Municipal Compliance Report for the Brookfield Firefighters' Pension Fund for the fiscal year ended December 31, 2018. We have prepared the report with the most recent information available at our office. Should you have more current information, or notice any inaccuracies, we are prepared to make any necessary revisions and return them to you.

The President and Secretary of the Pension Fund are required to sign the report on page 3. If not already included with the enclosed report, please also include a copy of the Pension Fund's most recent investment policy.

The signed Public Act 95-0950 - Municipal Compliance Report must be provided to the Municipality before the tax levy is filed on the last Tuesday in December. We are sending the report via email to promote an environmentally-friendly work atmosphere.

If you have any questions regarding this report, please contact your Client Manager or PSA.

Respectfully submitted,

Lauterbach & Amen, LLP

LAUTERBACH & AMEN, LLP

**THE VILLAGE OF BROOKFIELD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

The Pension Board certifies to the Board of Trustees of the Village of Brookfield, Illinois on the condition of the Pension Fund at the end of its most recently completed fiscal year the following information:

- 1) The total cash and investments, including accrued interest, of the fund at market value and the total net position of the Pension Fund:

| | <u>Current Fiscal Year</u> | <u>Preceding Fiscal Year</u> |
|---|--------------------------------|----------------------------------|
| Total Cash and Investments (including accrued interest) | <u>\$16,479,322</u> | <u>\$17,035,444</u> |
| Total Net Position | <u>\$16,472,352</u> | <u>\$17,049,556</u> |

- 2) The estimated receipts during the next succeeding fiscal year from deductions from the salaries of firefighters' and from other sources:

| | |
|---|--------------------|
| Estimated Receipts - Employee Contributions | <u>\$222,000</u> |
| Estimated Receipts - All Other Sources | |
| Investment Earnings | <u>\$1,153,600</u> |
| Municipal Contributions | <u>\$994,102</u> |

- 3) The estimated amount necessary during the fiscal year to meet the annual actuarial requirements of the pension fund as provided in Sections 4-118 and 4-120:

Annual Requirement of the Fund as Determined by:

| | |
|--|------------------|
| Illinois Department of Insurance | <u>\$835,977</u> |
| Private Actuary - Lauterbach & Amen, LLP | |
| Recommended Municipal Contribution | <u>\$994,102</u> |
| Statutory Municipal Contribution | <u>\$646,989</u> |

**THE VILLAGE OF BROOKFIELD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

- 4) The total net income received from investment of assets along with the assumed investment return and actual investment return received by the fund during its most recently completed fiscal year compared to the total net income, assumed investment return, and actual investment return received during the

| | <u>Current Fiscal Year</u> | <u>Preceding Fiscal Year</u> |
|---|--------------------------------|----------------------------------|
| Net Income Received from Investment of Assets | <u>(\$717,433)</u> | <u>\$1,869,458</u> |
| Assumed Investment Return | | |
| Illinois Department of Insurance | <u>6.50%</u> | <u>6.50%</u> |
| Private Actuary - Lauterbach & Amen, LLP | <u>7.00%</u> | <u>6.75%</u> |
| Actual Investment Return | <u>(4.28)%</u> | <u>11.67%</u> |

- 5) The increase in employer pension contributions that results from the implementation of the provisions of P.A. 93-0689:

| | |
|--|------------|
| Illinois Department of Insurance | <u>N/A</u> |
| Private Actuary - Lauterbach & Amen, LLP | <u>N/A</u> |

- 6) The total number of active employees who are financially contributing to the fund:

| | |
|--------------------------|-----------|
| Number of Active Members | <u>23</u> |
|--------------------------|-----------|

- 7) The total amount that was disbursed in benefits during the fiscal year, including the number of and total amount disbursed to (i) annuitants in receipt of a regular retirement pension, (ii) recipients being paid a disability pension, and (iii) survivors and children in receipt of benefits:

| | <u>Number of</u> | <u>Total Amount Disbursed</u> |
|------------------------------------|------------------|-----------------------------------|
| (i) Regular Retirement Pension | <u>7</u> | <u>\$540,267</u> |
| (ii) Disability Pension | <u>5</u> | <u>\$262,332</u> |
| (iii) Survivors and Child Benefits | <u>9</u> | <u>\$299,691</u> |
| Totals | <u>21</u> | <u>\$1,102,290</u> |

**THE VILLAGE OF BROOKFIELD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

8) The funded ratio of the fund:

| | Current Fiscal Year | Preceding Fiscal Year |
|--|------------------------|--------------------------|
| Illinois Department of Insurance | <u>68.68%</u> | <u>68.39%</u> |
| Private Actuary - Lauterbach & Amen, LLP | <u>69.52%</u> | <u>64.65%</u> |

9) The unfunded liability carried by the fund, along with an actuarial explanation of the unfunded liability:

Unfunded Liability:

| | |
|--|--------------------|
| Illinois Department of Insurance | <u>\$8,057,642</u> |
| Private Actuary - Lauterbach & Amen, LLP | <u>\$7,777,524</u> |

The accrued liability is the actuarial present value of the portion of the projected benefits that has been accrued as of the valuation date based upon the actuarial valuation method and the actuarial assumptions employed in the valuation. The unfunded accrued liability is the excess of the accrued liability over the actuarial value of assets.

10) The investment policy of the Pension Board under the statutory investment restrictions imposed on the fund.

Investment Policy - See Attached.

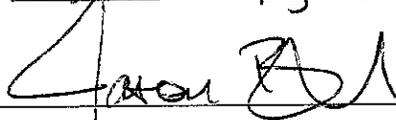
Please see Notes Page attached.

CERTIFICATION OF MUNICIPAL FIREFIGHTERS'
PENSION FUND COMPLIANCE REPORT

The Board of Trustees of the Pension Fund, based upon information and belief, and to the best of our knowledge, hereby certify pursuant to §4-134 of the Illinois Pension Code 40 ILCS 5/4-134, that the preceding report is true and accurate.

Adopted this 23 day of August, 2019

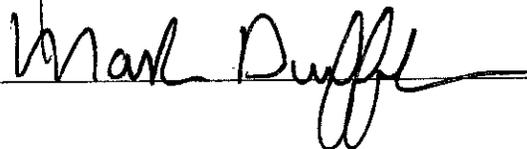
President



Date

8/23/2019

Secretary



Date

8/23/2019

**THE VILLAGE OF BROOKFIELD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

INDEX OF ASSUMPTIONS

- 1) Total Cash and Investments - as Reported at Market Value in the Audited Financial Statements for the Years Ended December 31, 2018 and 2017.

Total Net Position - as Reported in the Audited Financial Statements for the Years Ended December 31, 2018 and 2017.

- 2) Estimated Receipts - Employee Contributions as Reported in the Audited Financial Statements for the Year Ended December 31, 2018 plus 4.72% Increase (Actuarial Salary Increase Assumption) Rounded to the Nearest \$100.

Estimated Receipts - All Other Sources:

Investment Earnings - Cash and Investments as Reported in the Audited Financial Statements for the Year Ended December 31, 2018, times 7% (Actuarial Investment Return Assumption) Rounded to the Nearest \$100.

- 3) Annual Requirement of the Fund as Determined by:

Illinois Department of Insurance - Suggested Amount of Tax Levy as Reported in the December 31, 2018 Actuarial Valuation.

Private Actuary - Lauterbach & Amen, LLP:

Recommended Amount of Tax Levy as Reported by Lauterbach & Amen, LLP in the December 31, 2018 Actuarial Valuation.

Statutorily Required Amount of Tax Levy as Reported by Lauterbach & Amen, LLP in the December 31, 2018 Actuarial Valuation.

**THE VILLAGE OF BROOKFIELD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

INDEX OF ASSUMPTIONS - Continued

- 4) Net Income Received from Investment of Assets - Investment Income (Loss) net of Investment Expense, as Reported in the Audited Financial Statements for the Years Ended December 31, 2018 and 2017.

Assumed Investment Return:

Illinois Department of Insurance - Current and Preceding Fiscal Year Interest Rate Assumption as Reported in the December 31, 2018 and 2017 Actuarial Valuations.

Private Actuary - Current and Preceding Fiscal Year Interest Rate Assumption as Reported in the Lauterbach & Amen, LLP, December 31, 2018 and 2017 Actuarial Valuations.

Actual Investment Return -Net Income Received from Investments as Reported Above as a Percentage of the Average of the Beginning and Ending Balances of the Fiscal Year Cash Investments, Excluding Net Investment Income, Gains, and Losses for the Fiscal Year Return Being calculated, as Reported in the Audited Financial Statements for the Fiscal Years Ended

- 5) Illinois Department of Insurance - Amount of total suggested tax levy to be excluded from the property tax extension limitation law as contemplated by 35 ILCS 200/18-185.

Private Actuary - No Private Actuarial Valuation amount available at the time of this report.

- 6) Number of Active Members - Illinois Department of Insurance Annual Statement for December 31, 2018 - Schedule P.

- 7) (i) Regular Retirement Pension - Illinois Department of Insurance Annual Statement for December 31, 2018 - Schedule P for Number of Participants and Expense page 1 for Total Amount Disbursed.

(ii) Disability Pension - Same as above.

(iii) Survivors and Child Benefits - Same as above.

**THE VILLAGE OF BROOKFIELD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending December 31, 2018**

INDEX OF ASSUMPTIONS - Continued

8) The funded ratio of the fund:

Illinois Department of Insurance - Current and Preceding Fiscal Year Net Present Assets as a percentage of Total Assets as Reported in the December 31, 2018 and 2017 Actuarial Valuations.

Private Actuary - Current and Preceding Fiscal Year Net Present Assets as a percentage of Total Assets as Reported in the Lauterbach & Amen, LLP, December 31, 2018 and December 31, 2017 Actuarial Valuations.

9) Unfunded Liability:

Illinois Department of Insurance - Deferred Asset (Unfunded Accrued Liability) as Reported in the December 31, 2018 Actuarial Valuation.

Private Actuary - Deferred Asset (Unfunded Accrued Liability) as Reported by Lauterbach & Amen, LLP in the December 31, 2018 Actuarial Valuation.