



Village of Brookfield

8820 Brookfield Avenue • Brookfield, Illinois 60513-1688
(708) 485-7344 • FAX (708) 485-4971
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HOME OF THE CHICAGO
ZOOLOGICAL SOCIETY

REGULAR MEETING OF THE PLANNING AND ZONING COMMISSION

AGENDA

August 22nd, 2019 - 7:00 P.M.

Edward Barcal Hall - 8820 Brookfield Avenue
Brookfield, IL 60513

- I. **Call to Order**
- II. **Roll Call**
- III. **Staff Update**
Local Planning Initiatives and Updates
- IV. **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
- V. **New Business**
Approval of Minutes
- VI. **Old Business**
PZC Case 19-05 – Sign Code Amendment (continued)
- VII. **Next Meeting**
- VIII. **Public Comment**
- IX. **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 front (south) entrance of the Village Hall.

VILLAGE OF BROOKFIELD
BROOKFIELD, ILLINOIS 60513

JOURNAL OF THE PROCEEDINGS OF THE
PLANNING AND ZONING COMMISSION

HELD ON THURSDAY, JULY 25th, 2019
IN THE BROOKFIELD VILLAGE HALL

MEMBERS PRESENT: Chairman: Charles Grund; Commissioners: Patrick Benjamin; Todd Svoboda; Christopher Straka; Mark Weber; and Jennifer Hendricks

MEMBERS ABSENT: Karen Ann Miller

ALSO PRESENT: Elyse Vukelich, Village Planner; Kathryn Kaluzny, Village Trustee;

On Thursday, July 25th, 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 Village was awarded funding from the West Suburban Mass Transit District to pave crosswalks on Grand and Prairie near the Brookfield Metra Station

Public Hearings

PZC Case 19-05 – Sign Code Amendment

Motion to open the public hearing by Commissioner Straka, seconded by Commissioner Svoboda. Motion carries unanimously.

APPLICANT PRESENTATION: Village Planner Elyse Vukelich gave a presentation on the proposed amendments to Chapter 42 - Signs. She explained that updating the sign code was mentioned in the Comprehensive Plan and was a goal of the Community and Economic Development Department for 2019. She explained the process of creating the amendments by running through the Sign Review document that was provided in the meeting packet. She explained that she completed an existing conditions report by reviewing existing signage in town and determining what the code currently allows. She touched on the recommendations from the Sign Review document and explained that these were the basis for the amendments to the Code. She also showed photos of different permanent and temporary sign types that will be regulated in the draft amendment.

The Village Planner went on to explain some of the major changes in the proposed draft amendment,

which include code formatting, new regulations for obsolete signs, changes to the permitted height of signs, content neutrality due to a 2015 Supreme Court Case, and a new designation for historic signs.

Commissioner Hendricks asked if the limit on area for signage will include double sided signs or only applies to one sign face. Vukelich stated that this distinction is not currently defined in the code, but asked the commissioners what they thought about this. Commissioners weighed in and settled on the idea that the limit on square footage should allow for double sided signs, meaning that a freestanding sign, which is limited to 50 square feet, shall be permitted to have two sign faces that both measure 50 square feet.

Commissioner Weber asked if the Village would have the ability remove the historic sign designation from a sign if in the future the Village no longer had interest in preserving it. Commissioner Straka asked if the designation could last for a 5 year period. Commissioner Svoboda said the historic designation should be renewed every 5 years.

Vukelich continued to explain what the major regulation changes for each commercial district will be.

Chairman Grund asked if the regulation for projecting signs regarding corner buildings with frontage on two streets is trying to prevent two signs on one façade. Vukelich explained that as it is written in the draft amendment, a business with frontage on two streets could have two signs on one facades. The commissioners deliberated and agreed that this should be clarified to prevent two projecting signs on one façade for corner buildings.

Vukelich showed an illustration of a sight triangle and explained that she intends to add one to the draft amendment. She asked the commissioners if the code should include a sight triangle for both public streets and private driveways. All commissioners agreed that these should be included for both.

Chairman Grund stated that he believes the language regarding the base requirement for monument signs and freestanding signs needs to be clearer. He recommended that the language call it a "column" rather than a "base." He also pointed out that it should reference diameter as well as width.

Commissioner Svoboda mentioned that monument signs are sometimes installed on top of berms. Commissioners weighed in on how to prevent situations like this where berms are used to gain height beyond what is allowed per code. Commissioners recommended that the language mention something about grade.

Chairman Grund asked if signs that receive the historic designation would be permitted to remain as is despite the fact that they may be non-conforming. Vukelich said that yes, they would.

Chairman Grund asked about how the Department should approach enforcement of obsolete signs. Vukelich explained that there is language regarding discontinuance of business operations specifically so businesses will be required to remove obsolete signs before the Village cites them.

Commissioner Weber asked if there was a good way to get this information out to the business community in town. Vukelich said that she gave this information to the Chamber of Commerce but is open to other recommendations.

Commissioner Svoboda asked how the Village knows that a business has been discontinued. Vukelich referenced the definition for discontinuance, which she is adding to the sign code from the zoning code. She stated in some situations you may need to look at public utility data. Commissioner Straka asked if the Village anticipates the transition for allowing obsolete signs for 6 months after date of notification to 30 days after the business discontinues operations will be difficult. Vukelich stated that obsolete signs are not protected by the code.

Vukelich stated that no existing sign that references an existing business will be affected by the amendments to the code, other than window signs. However, when a business leaves and a non-conforming sign structure is not used for 30 days, the next business that comes in cannot reuse the sign structure. The draft amendment states that the sign needs to be removed within 30 days after a business is discontinued.

Chairman Grund asked if a new business opens at a site within 30 days of the previous business leaving, and the site has a non-conforming sign, will the non-conforming sign be able to be reused? Vukelich stated yes.

Commissioner Svoboda asked how the sign code relates to planned developments. Vukelich stated that there is no language in the sign code about planned developments, and that there is no language in the planned development section of the zoning code about signs. Commissioner Benjamin stated that he believes a planned development stands on its own and that signage is regulated under the planned development.

Commissioner Benjamin stated that he believes the sign code should become part of the zoning code and recommended that the Village run that by the Village attorneys. He mentioned that he feels amortization could be a useful tool and that TIF could be used as an incentive. He also stated that he feels 20% is a little too low for a window sign.

Commissioner Straka stated that he believes we should require certificates of liability as part of the application process. He also asked how the height restrictions on projecting signs were determined, because in commercial districts outside of the station area districts. Commissioners deliberated on this point and decided that because the sign area limitation is 20 square feet, this wouldn't be visible from 35 feet in height. Commissioners recommended that projecting signs should be limited to 16 feet above the ground.

Commissioner Svoboda said he believes that there should not be a table listing where certain sign types are permitted in addition to listing the permitted zoning districts under the section regarding sign types. Vukelich explained that this was an attempt to make it more user friendly. Commissioners settled on adding a statement that the table will ultimately govern where these sign types are permitted.

Trustee Kaluzny asked if there was a situation where a non-conforming sign is not be taken care of, if the Village would be able to remove it. Vukelich pointed out this is covered in Section 42-58 Sign Maintenance. Trustee Kaluzny also asked about window sign coverage for grocery stores and whether it should be a different requirement.

Commissioner Hendricks recommended making the landscaping requirements for monument signs more quantifiable. She recommended that this be added for changeable copy signs as well. She also questioned the time limit for temporary residential signs. Commissioners deliberated and recommended that the Village attorneys be consulted on the legality of a time limit for signs that are political in nature.

Trustee Kaluzny asked about allowing electronic signage. Vukelich explained that it is currently only permitted for churches under the current code and would not be permitted under the draft amendments. Commissioner Hendricks asked about gas station signage, and Vukelich said that because gas station signage is electronic it would require a variance under this code. Commissioners felt this was reasonable.

Chairman Grund asked if the Village could take responsibility for removal of non-conforming signs. Commissioner Benjamin felt this could be better handled through the court system.

Commission Svoboda made a motion to the close the public hearing, seconded by Commissioner Straka.

COMMISSIONER DELIBERATION:

Chairman Grund recommended that the Village Planner re-do the document with the changes discussed during the public hearing and that the Commission continue this project to the following meeting. Commissioner Straka made a motion, seconded by Commissioner Benjamin to continue PZC case 19-05 to August 22nd.

The motion carried 6-0, with Commissioner Miller absent.

New Business

No new business.

Old Business

Approval of Minutes for May 23rd, 2019. Motion by Commissioner Svoboda, seconded by Commissioner Straka. Motion carries, 5-0, with Commissioner Benjamin abstaining and Commissioner Miller absent.

Adjournment

At approximately 8:22 p.m. there was a motion made by Commissioner Benjamin to adjourn, seconded by Commissioner Hendricks. Motion carries, 6-0.

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

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DRAFT



Village of Brookfield

Planning and Zoning Commission Staff Report

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

HEARING DATE: August 22nd, 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 August 7th, 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.

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 June 25th, 2019 was submitted as part of the final planned development application. This is a final version of the draft analysis that was included with the preliminary planned development application. The traffic analysis analyzed the estimated additional traffic to be created by the new building. 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 also recommended single entry and exit lanes for the proposed parking lot, which is represented on the plan set. This analysis was discussed extensively at the May 13th, 2019 Village Board of Trustees meeting.

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

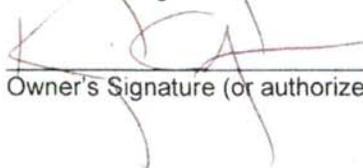
Any person who shall knowingly make or cause to be made, or conspire, combine, aid or assist in, agree to, arrange for, or in any way procure the making of a false or fraudulent application, affidavit, certificate, or statement, shall be guilty of a misdemeanor as provided by statute by the State of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

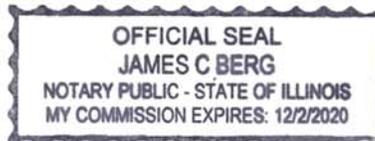
Further, the property to which this application relates is/is not the subject of a land trust as defined in Section 765 ILCS 405 of the Illinois Compiled Statutes, "The Land Trust Beneficial Interest Disclosure Act." If the foregoing statement was completed in the affirmative, the following statement 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)

07.25.2019

Proposed Project:

Linda Sokol Francis Brookfield Library

3541 Park Avenue, Brookfield II

The following document consists of supplemental information to the Final PD application for the Linda Sokol Francis Brookfield Library. The following information is included:

Project PINS; (previously included in the PPD submittal)

Project Description; (previously included in the PPD submittal)

Lot size & Building / Site Information; (previously included in the PPD submittal)

Variances requested and approved as part of the PPD Process.

Responses to revision comments made by the village board of trustees on

5/13/2019 & the PZC on 3/28/2019.

Responses to revision comments made by Hancock Engineering on 7/18/2019.

Zoning Chart for the new building based on the Brookfield Zoning Code

Exterior Images of the proposed Library

Exterior Material images

Exterior lighting cut sheets.

Exterior site furnishings.

Project PINS

3609 Grand Boulevard and 3541 Park Avenue, Brookfield, Illinois 60513 (PINs 15-34-401-016-0000 through 15-34-401-021-0000 and 15-34-411-001-0000).

Project Legal Description

Lots 38, 39, 40, 41, 42, 43, 44, 45 and 46 in Block 12 in Grossdale were consolidated to form Lot 43. Lots 25, 26, 27, 28, 29 and 30 in block 6 in Grossdale were consolidated in lot 1. Grossdale is a subdivision of the southeast ¼ of Section 34, Township 39 North, Range 12 east of the Third Principal Meridian, in Cook County, Illinois. A Plat of Reconsolidation is attached to the drawing sheets showing these changes.

Project Description:

The new library building will be located in the residential area of Brookfield at the intersections of Grand Blvd, Lincoln Ave, and Park Ave and will replace the existing library located at 3609 Grand Avenue to the south. The New facility will be 2 levels above grade with a full basement located along the east side of the currently open site. The existing library building along Grand will be demolished and replaced with open green space and a new parking lot to be located along the east side of the site with entrances and exits on both Grand Blvd and Lincoln Ave.

We are currently proposing for construction to begin in the spring of 2020 with a duration of approximately 12 months. The existing facility would remain occupied until the new facility is completed at which time it would be demolished and the new parking lot, storm water retention area, and open green space/landscaping would be completed on the site.

Per direction by the Village of Brookfield, in a letter dated February 21, 2019, the Library began the process of combining the separate parcels for 3541 Park Avenue site into a single parcel. The process for consolidating the existing properties has concluded and a Plat of Reconsolidation drawing is included in these documents.

Total Lot Sized Combined Lots:

Lot Size: +/- 33742 SF

Lot Coverage:

Building: 7070 SF

Pavement: 10429 SF

Landscaping: 16243 SF

Building/Site information: 3541 Park Avenue

Construction Classification: Type IIb unprotected

Building Use: Assembly A-3

Current Site Zoning: A1

Lot Size: +/- 18750 SF

Lot Dimensions: 125.36'x 149.51' (NS)

Proposed Use: Public Library

Proposed Building Area: 21380 SF

Basement: 6840 SF

Level 1(Grade): 6840 SF

Level 2: (+/- 14'-0"): 7700 SF

Building Height: +/- 30'-0"

Setback:

North: 7'-8" (Interior)

South: 6'-2" (Corner, 10'-0" Required)

East: 15'-0" (Rear)

West: 38'-0" (Front)

Lot Coverage:

Building: 7070 SF

Pavement: 2994 SF

Landscaping: 8686 SF

Site information: 3609 Grand Avenue

Lot Size: +/- 14992 SF

Lot Dimensions: 190.10'(Lincoln)x190.0' (Grand) x 157.8 (78.9'+78.9' East)

Proposed Use: Open Green Space & Parking

Proposed Building Area: 0

Building Height: N/A

Setback: (Property Line to Back of Curb)

North: 5'-0" Landscape Buffer

South: 5'-0" Landscape Buffer

East: 5'-0" Landscape Buffer

West: N/A

Lot Coverage:

Building: 0

Pavement: 7435 SF

Landscaping: 7557 SF

Parking Provided:

Total # of spaces required by code: 22

Total # of spaces provided in new parking lot: 23

Requested Variances:

62-71: Special Use for Library in A-1 District

62-75: Corner Yard Set Backs (6'-2")

62-225: Control of Off-Street Facilities

*Requested variances were approved at a village board meeting on May 13, 2019. Ordinance No. 2019-21.

Responses to requested modifications to the project,

Comments by PZC on 3/28/2019

Comments by the Village board on 5/13/2019

1. Revise the number of handicap parking spaces in the parking lot. Only 1 handicap space is required per State of Illinois ADA codes.
RESPONSE: The parking plan has been revised. The parking lot now contains 22 standard parking spaces and 1 handicap parking space.
2. How does the project approach sustainability through landscaping? The village would prefer that native & climate resistant plants are primarily used throughout the project. The village of Brookfield is in the process of planting native White Oak trees throughout the town and expressed desires for the library landscaping plan conform to this village strategy.

RESPONSE: The approach for the Brookfield Library landscape principally relies on the use of native plants and plants adapted to this region with low water requirements. Taking a broad view of native to include varieties of native plants, we have used 100% native trees, including Swamp White Oak; 80% native ornamental trees (100% if Crabapple is considered to have possible North American roots); 100% native shrubs; 100% native grasses; 88% native perennial plant and groundcover varieties; and 30% native bulb species. The balance of the plants are adapted to this area with low water requirements. All of the plants chosen will enhance the quality of life for pollinators and birds. All plant beds will be mulched to retain water and assist in keeping the beds free of invasive weeds. The amount of lawn has been minimized to the point that the budget will allow. Further, we will specify Fescue for lawns which has a lower water demand than Kentucky Bluegrass. Other sustainable practices started with working with the Village's forester to save most of the existing parkway trees, which will be protected during

construction. The irrigation system (an alternate, if accepted) will provide water for planting beds with water efficient components. All landscape materials used for the project will be sourced from Northern Illinois or Southern Wisconsin, to minimize the environmental impact of shipping. Bicycle parking also has been incorporated into the plan.

3. Remove the (2) drop off spaces on Park Avenue. Per comments from local residents', these parking spaces will negatively affect the traffic flow of the site.
RESPONSE: See the revised Architectural and Civil site plans. The two drop off spaces on Park have been removed. Two drop off parking spaces will be included on Lincoln Avenue. In addition, the brick paving area on Park has also been removed from the project scope. Crosswalk striping will be provided at the crosswalks to conform to the village standards.
4. Provide adequate way-finding signage for motorists. Signage needs to clearly indicate the entrance to the Parking lots. Signage needs to indicate the drop off spaces are on Lincoln Avenue.
RESPONSE: See the revised Architectural and Civil Site plans. Architecturally designed signs are included at (3) locations, as indicated on sheets A1.0 & A2.0. Enlarged plans, elevations & details for these signs are included on sheet A4.1. A monumental building sign is located at the corner of Park Avenue and Lincoln Avenue on the building site. A parking lot entry sign is located at the parking lot entrance along Grand Avenue. A parking lot entry sign is also located at the parking lot entrance along Lincoln Avenue. A directional sign is located near the parking lot along Lincoln Avenue to direct drivers to the drop off spaces.
5. How does the building address sustainability? Provide evidence of how the design of the building will address sustainability.
RESPONSE: The library building will be designed and constructed with a number of sustainability features.

Exterior wall: The solid portions of the exterior wall are designed with an R value (insulation value) of 30, which is 33% greater than required by state energy codes. This is created by filling the cavity walls with closed cell insulation which provides better coverage and allows for less air seep than traditional insulation. The exterior walls are also designed with materials (brick & metal panels) that can cope with the varied and intense climate in Northern Illinois. These materials are designed for long-term durability which will decrease the maintenance of the building and increase the life span.

Glazing: A large portion of the building's facade is glazing. The glazing system consists of mullions with a heat separation layer to help prevent cold air from entering the building. The glass contains (2) layers separated by a Low-e barrier with Argon gas that provide extra insulation & reduces solar heat gain, therefore lowering the building cooling load.

Lighting- The entire lighting package will consist of LED fixtures. These fixtures will have a long life span, decrease the amount of maintenance, and contribute to lower energy costs. Exterior lighting fixtures were selected that have downlighting components and shields. These design elements will prevent the light emittance from adversely affecting neighboring properties or adding to light pollution.

Solar Panels- The building's electrical panels will be designed to allow for the integration of solar panels. In the future the library intends to submit an application for a grant that will fund the construction of solar panels on the roof. The roof framing system will also be designed to handle the loads of a solar panel array.

Electrical Vehicle Charging Stations: The design team recognizes the impact of electrical vehicles and their increasing market share. While no electric charging stations are being included at this time, the electrical infrastructure is being put in place for electric charging stations to be installed in the future.

Signage & Display: The design team and library staff have been working with the Illinois Green Alliance in order to highlight the building's green features. Display images and text will be installed throughout the library after construction to describe the green features listed above for patrons and staff. The library hopes to promote the sustainability of the project and encourage others to pursue sustainability in their own lives.

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

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

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.

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

- 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)

- 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

August 15, 2019

Project Schedule:

Linda Sokol Francis Brookfield Library: New Building

Current Phase: Design Development

Following is a proposed schedule for the new building project at the Brookfield Public Library. The schedule is based on an established schedule for board meetings for the library for review and approval. We are proposing 2 months to complete design Development and 7 months to complete construction documents and issue the project for public bid/permit with an out to bid date of December 16, 2019. We have a 3 month bid/bid review process prior to the start of construction in March 2020 with a 15 month construction duration.

The project will be submitted for preliminary planned development review on February 27, 2019 with our first meeting with the village slated for March 28, 2019. We are assuming this process to completion will take approximately 7 months ending at the end of September 2019.

Revit models:

The MEP & Structural consultants along with our office will be working in REVIT.

BIDDING & CONSTRUCTION SCHEDULE

The following is a bidding and construction schedule for the Linda Sokol Francis Brookfield Library. These dates are also shown on sheet A5.0.

December 16, 2019: Project Out to Bid | issue for Permit

January 15, 2020: Bids are due

January 22, 2015: BPL Board Meeting: Approve Bids to Award

February 15, 2019: Complete Permit Corrections and Resubmit to Village

March 16, 2020: Start of Construction

June 30, 2021: Proposed Substantial Completion of Construction (15 month duration)

August 13, 2019

Ms. Elyse Vukelich
Village Planner
Village of Brookfield
8820 Brookfield Avenue
Brookfield, Illinois 60513

Re: Linda Sokol Francis Brookfield Library

Dear Elyse:

We have reviewed the project plans prepared by Eriksson Engineering Associates, Ltd. dated July 24, 2019 and we recommend approval of these plans for the Final Planned Unit Development hearing.

Please feel free to contact our office if you should have any questions.

Sincerely,

EDWIN HANCOCK ENGINEERING CO.



Derek Treichel, P.E., CFM

PROJECT:
NEW LIBRARY BUILDING CONSTRUCTION AT:

Linda Sokol Francis Brookfield Library

3541 Park Avenue Brookfield, IL 60513

STATEMENT OF COMPLIANCE:

I HAVE PREPARED, OR CAUSED TO BE PREPARED UNDER MY DIRECT SUPERVISION, THE ATTACHED PLANS AND SPECIFICATIONS AND STATE THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF AND TO THE EXTENT OF MY CONTRACTUAL OBLIGATIONS, THEY ARE IN COMPLIANCE WITH THE STATE OF ILLINOIS ACCESSIBILITY CODE AND THAT THEY COMPLY WITH THE CODES AND BUILDING ORDINANCE OF THE VILLAGE OF BROOKFIELD, ILLINOIS.

ILLINOIS PROFESSIONAL
DESIGN FIRM LICENSE 184005274-0001

SIGNED: _____

ILLINOIS REGISTRATION NUMBER: _____

DATE: _____

ARCHITECT:
PRODUCT
ARCHITECTURE + DESIGN

811 WEST EVERGREEN
SUITE 405
CHICAGO, IL 60642
T (312) 202-0701
F (866) 857-7265

LANDSCAPE:
JACOBS / RYAN ASSOCIATES

1527 SANDBURG TERRACE
CHICAGO, IL 60610

MEP FP:
20/10 ENGINEERING GROUP, LLC

1216 TOWER ROAD,
SCHAUMBURG, IL 60173
T (847) 882-2010
F (847) 882-2201

STRUCTURAL:
JOHNSON WILBUR ADAMS INC

330 S NAPERVILLE RD
SUITE 300
WHEATON, IL 60187
T (630) 653-9060
F (630) 653-9059
FIRM REGISTRATION NUMBER :
184.005176 EXPIRES 04-30-2019

CIVIL:
ERIKSSON ENGINEERING ASSOCIATE, LTD

145 COMMERCE DR
SUITE A
WHEATON, IL 60187
T (847) 223-4804
F (847) 223-4864
FIRM REGISTRATION NUMBER :
184.003220-0002 EXPIRES 04-30-2019

product
architecture + design

811 w. evergreen ave.
suite 405
chicago, il 60642
ph: (312) 202-0701
fax: (866) 857-7265

DESCRIPTION	DATE
PRELIMINARY PLANNED DEVELOPMENT	2-13-2019
DESIGN DEVELOPMENT	3-03-2019
FINAL PLANNED DEVELOPMENT	7-17-2019

PROJECT DESCRIPTION:

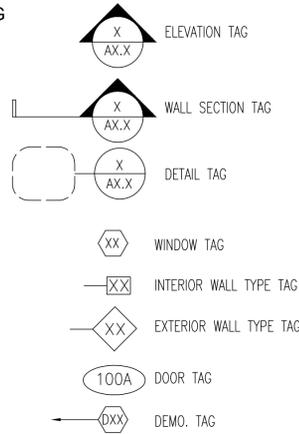
CONSTRUCTION OF A NEW 2 STORY STRUCTURE WITH A FINISHED BASEMENT, APPX. 21,000 SF. INCLUDES NEW MEP /FP SYSTEMS, CIVIL & LANDSCAPING.
DEMOLITION OF EXISTING LIBRARY AND REPLACEMENT OF PARKING LOT TO FOLLOW CONSTRUCTION PROJECT.

BUILDING INFORMATION:
USE GROUP A-3 (ASSEMBLY - LIBRARY),
CONSTRUCTION TYPE: IB

APPLICABLE CODES:
2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL FIRE CODE
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2014 STATE OF ILLINOIS PLUMBING 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:



DRAWING INFORMATION:

ARCHITECTURAL:

- A0.0 COVER SHEET AND NOTES
- A1.0 - SITE PLAN
- A1.1 RIGHT OF WAY PLAN
- A2.0 SITE PLAN / ROOF PLAN
- A3.0 FLOORPLANS
- A4.0 EXTERIOR ELEVATIONS
- A4.1 EXTERIOR SITE DETAILS
- A5.0 DEVELOPMENT PLAN / PROJECT PHASING
- A6.0 SITE LIGHTING CALCS.

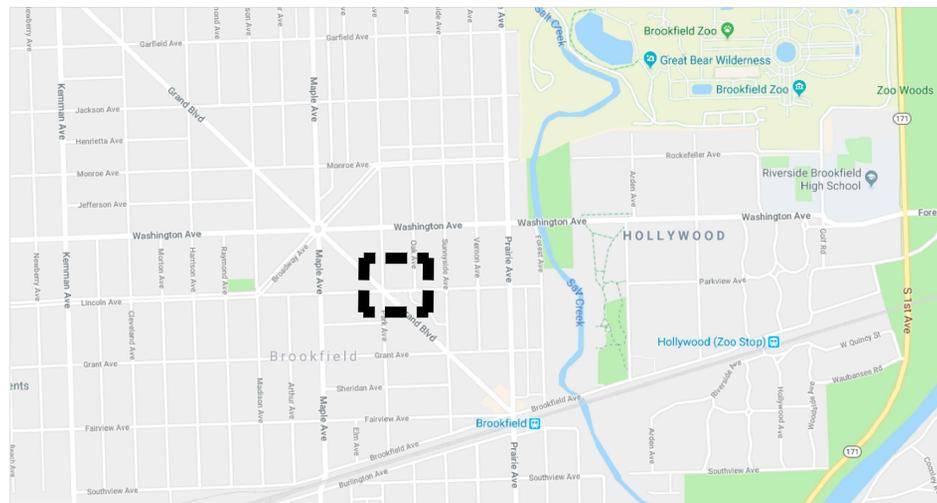
LANDSCAPE:

- L01 LANDSCAPE & PARKING PLAN
- L100 EXISTING LANDSCAPE PLAN
- L200 OVERALL LANDSCAPE PLAN
- L201 LIBRARY LANDSCAPE ENLARGEMENT PLAN
- L202 PARK LANDSCAPE ENLARGEMENT PLAN
- L203 PARK LANDSCAPE ENLARGEMENT PLAN
- L204 PARK LANDSCAPE ENLARGEMENT PLAN
- L205 LIBRARY IRRIGATION SCOPE PLAN - ALTERNATE
- L300 SITE DETAILS
- L301 LANDSCAPE DETAILS
- L302 PLAN SCHEDULE & NOTES
- L303 PLANT DETAILS & NOTES

CIVIL:

- C000 CIVIL ENGINEERING COVER SHEET
- C001 MWRD NOTES
- C002 FINAL DEVELOPMENT PLAN
- C100 SITE DEMOLITION PLAN
- C200 SITE GEOMETRY PLAN
- C300 SITE UTILITY PLAN
- C400 SITE GRADING AND PAVING PLAN
- C500 SITE EROSION & SEDIMENT CONTROL PLAN
- C600 SITE WORK DETAILS
- C601 SITE WORK DETAILS
- C602 SITE WORK DETAILS
- C603 SITE DETAILS
- PLAT OF SURVEY

VICINITY MAP:



EXTERIOR RENDERING

EXTERIOR RENDERING

EXTERIOR RENDERING



drawing: cover sheet

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

project number:	1805
drawn by:	---
approved by:	---
drawing name:	17-02-xxxx
date issued:	---

sheet number:

A0.0
sheet ___ of ___

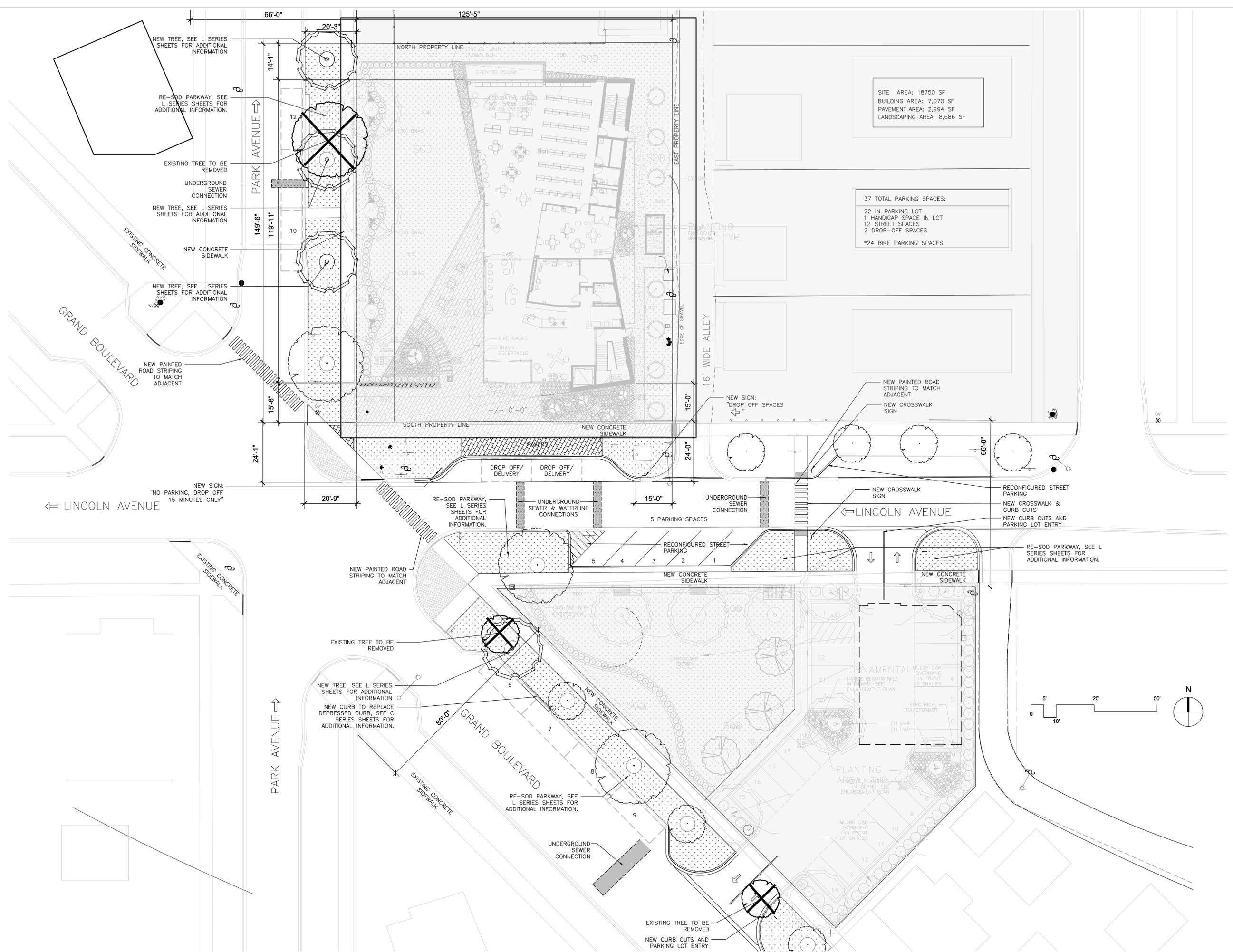
DESCRIPTION	DATE
PRELIMINARY PLANNED DEVELOPMENT	2-19-2019
DESIGN DEVELOPMENT	3-03-2019
FINAL PLANNED DEVELOPMENT	7-17-2019

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

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

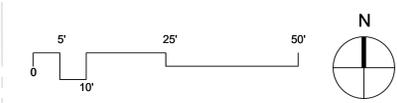
project number:	1805
drawn by:	---
approved by:	---
drawing name:	17-05-000
date issued:	---

sheet number:
A1.1
sheet of



SITE AREA: 18750 SF
BUILDING AREA: 7,070 SF
PAVEMENT AREA: 2,994 SF
LANDSCAPING AREA: 8,686 SF

37 TOTAL PARKING SPACES:
22 IN PARKING LOT
1 HANDICAP SPACE IN LOT
12 STREET SPACES
2 DROP-OFF SPACES
*24 BIKE PARKING SPACES



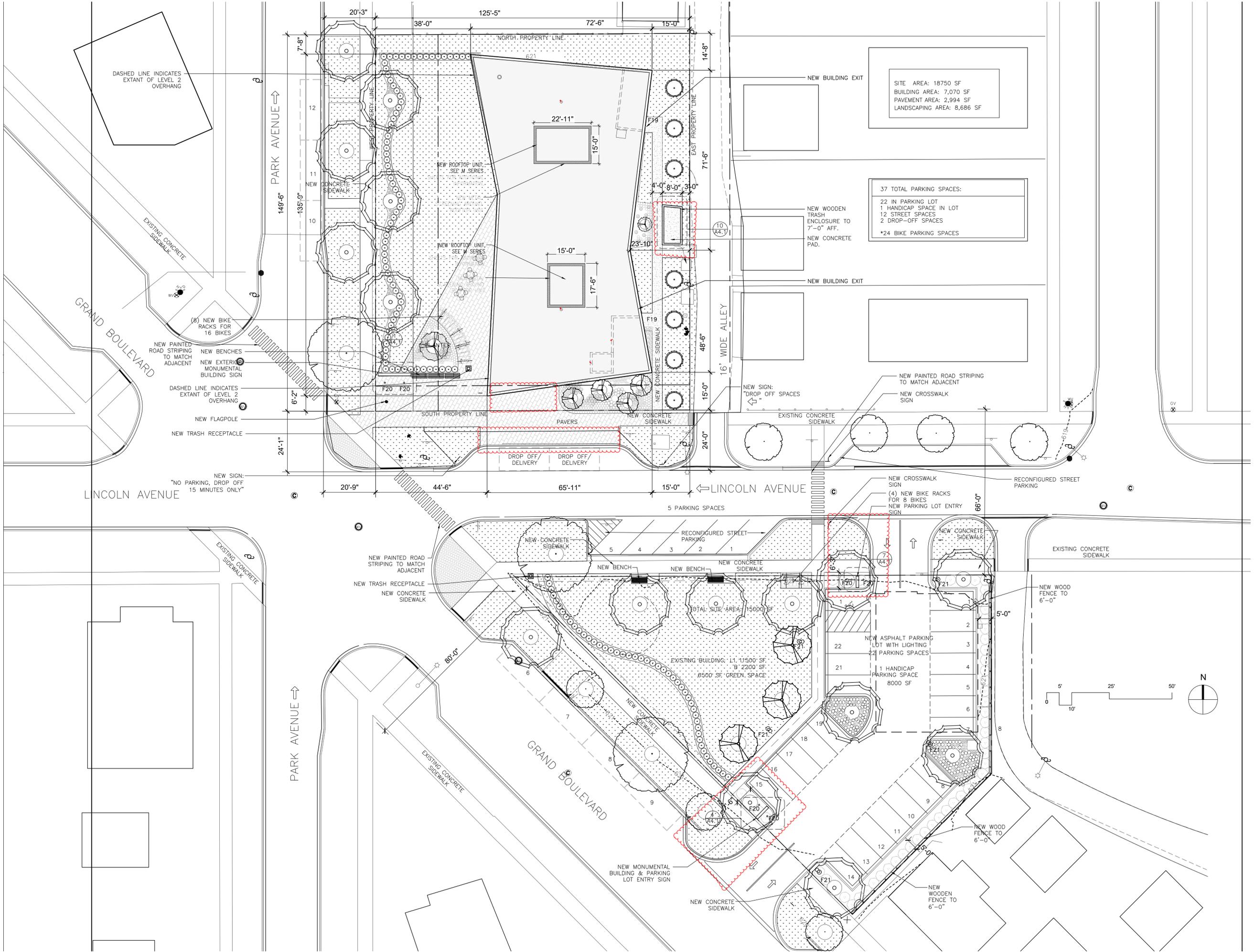
PROPOSED	DATE
PRELIMINARY PLANNED DEVELOPMENT	2-19-2019
DESIGN DEVELOPMENT	3-03-2019
FINAL PLANNED DEVELOPMENT	7-17-2019

drawing: architectural site plan / roof

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

project number:	1805
drawn by:	---
approved by:	---
drawing scale:	1"=25'-0"
date issued:	---

sheet number:
A2.0
sheet ___ of ___



PPD:	2/19/2019
DESIGN DEVELOPMENT:	5/03/2019
FINAL PLANNED DEVELOPMENT:	7/17/2019



Tiffany L. Nash

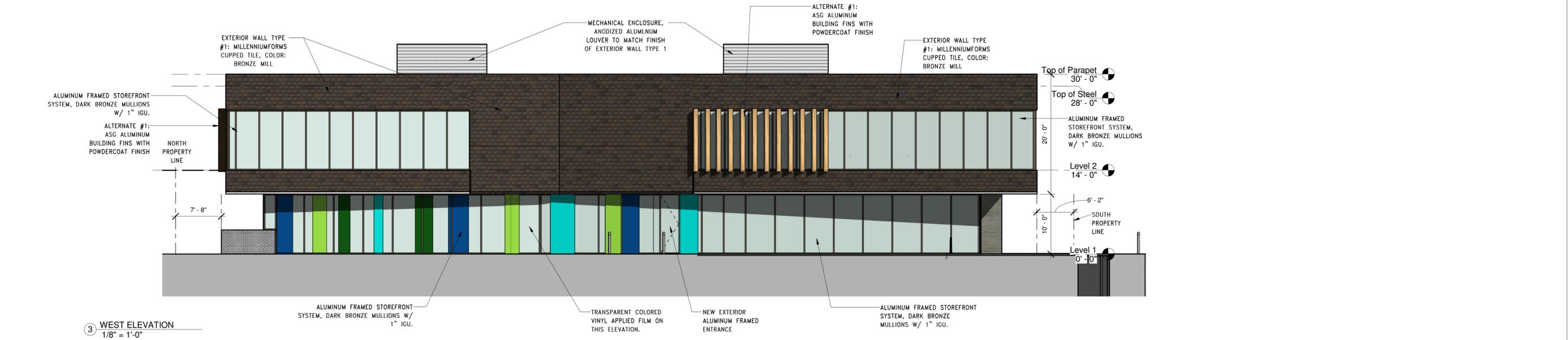
drawing:
exterior elevations

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

project number:	141120
drawn by:	25
approved by:	15
drawing scale:	1/8" = 1'-0"
date issued:	

sheet number:

A4.0
sheet ___ of ___



PPD:	2/19/2019
DESIGN DEVELOPMENT:	5/03/2019
FINAL PLANNED DEVELOPMENT:	7/17/2019

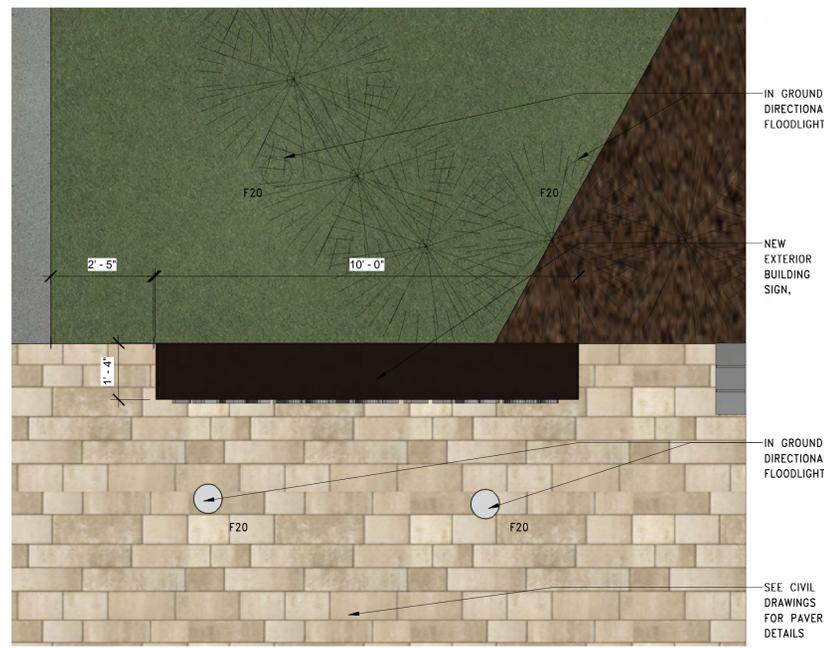


drawing:
**exterior signage and
fencing**

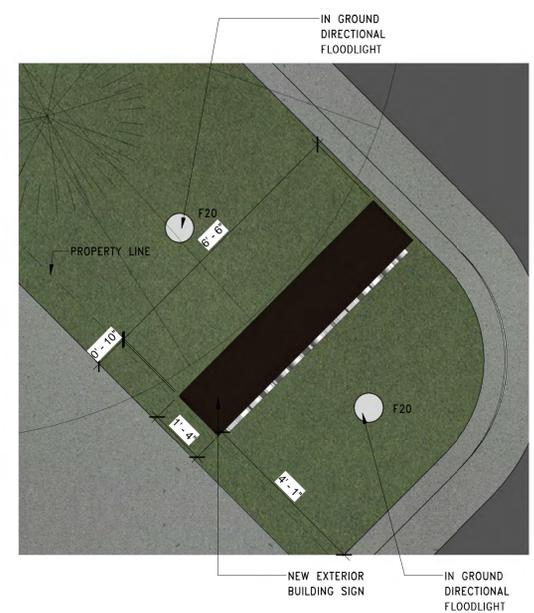
project:
**linda sokol francis
brookfield library**
3541 park avenue
brookfield, IL 60513

project number:	141120
drawn by:	20
approved by:	TLN
drawing code:	As indicated
date issued:	

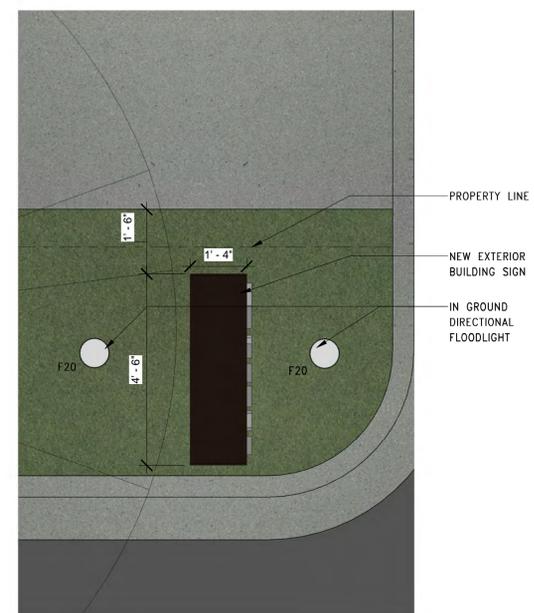
sheet number:



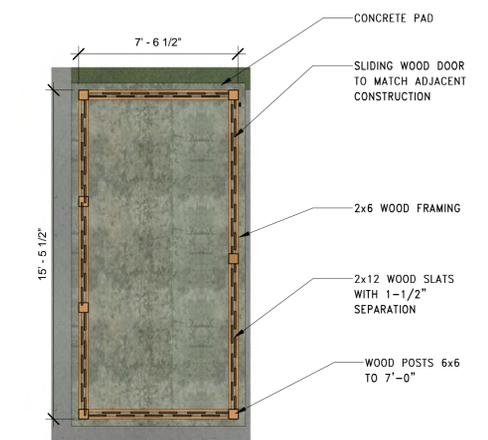
1 Plan - Monumental building sign at corner of park avenue and lincoln
scale: 1/2" = 1'-0"



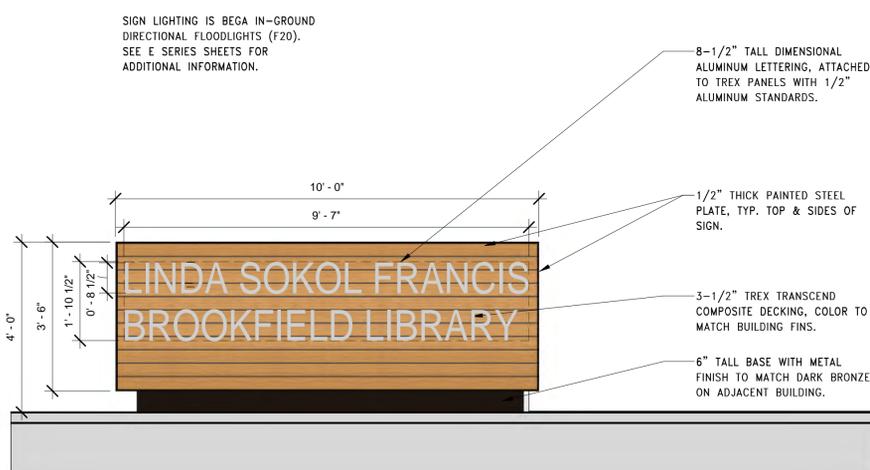
4 Plan - Parking lot entry sign at grand avenue
scale: 1/2" = 1'-0"



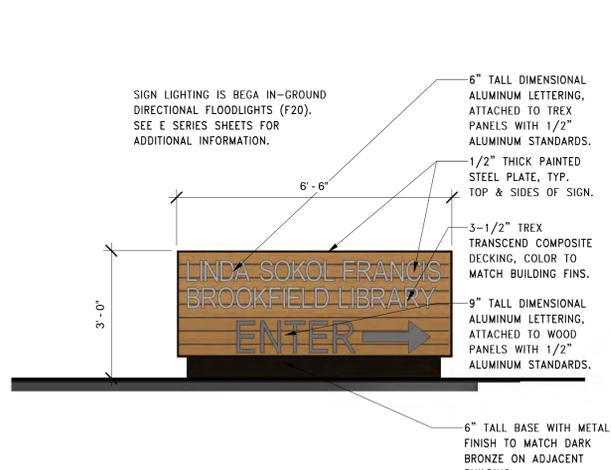
7 Plan - Parking lot entry sign at lincoln avenue
scale: 1/2" = 1'-0"



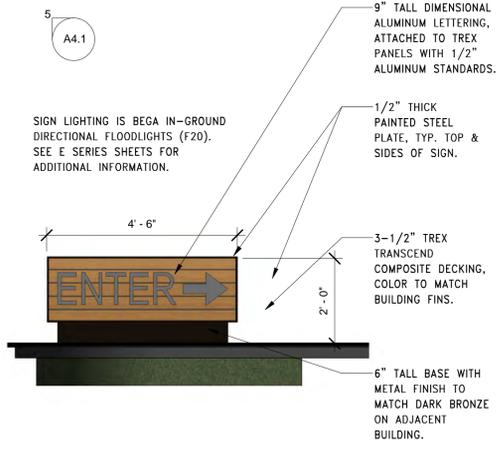
10 Plan - Trash enclosure
scale: 1/4" = 1'-0"



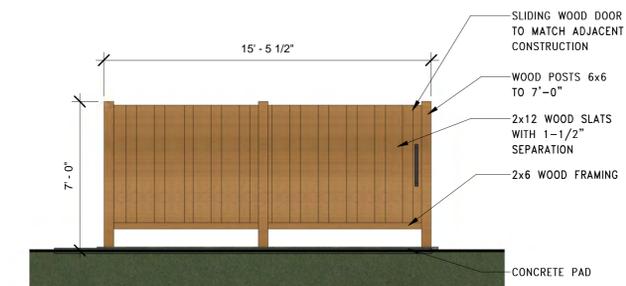
2 Elevation - Monumental building sign at corner of park avenue and lincoln
scale: 1/2" = 1'-0"



5 Elevation - Parking lot entry sign at grand avenue
scale: 1/2" = 1'-0"



8 Elevation - Parking lot entry sign at lincoln avenue
scale: 1/2" = 1'-0"



11 Elevation - Trash enclosure
scale: 1/4" = 1'-0"



3 Axon - Monumental building sign at corner of park avenue and lincoln
scale:



6 Axon - Parking lot entry sign at grand avenue
scale:



9 Axon - Parking lot entry sign at lincoln avenue
scale:



12 3D - Trash enclosure
scale:

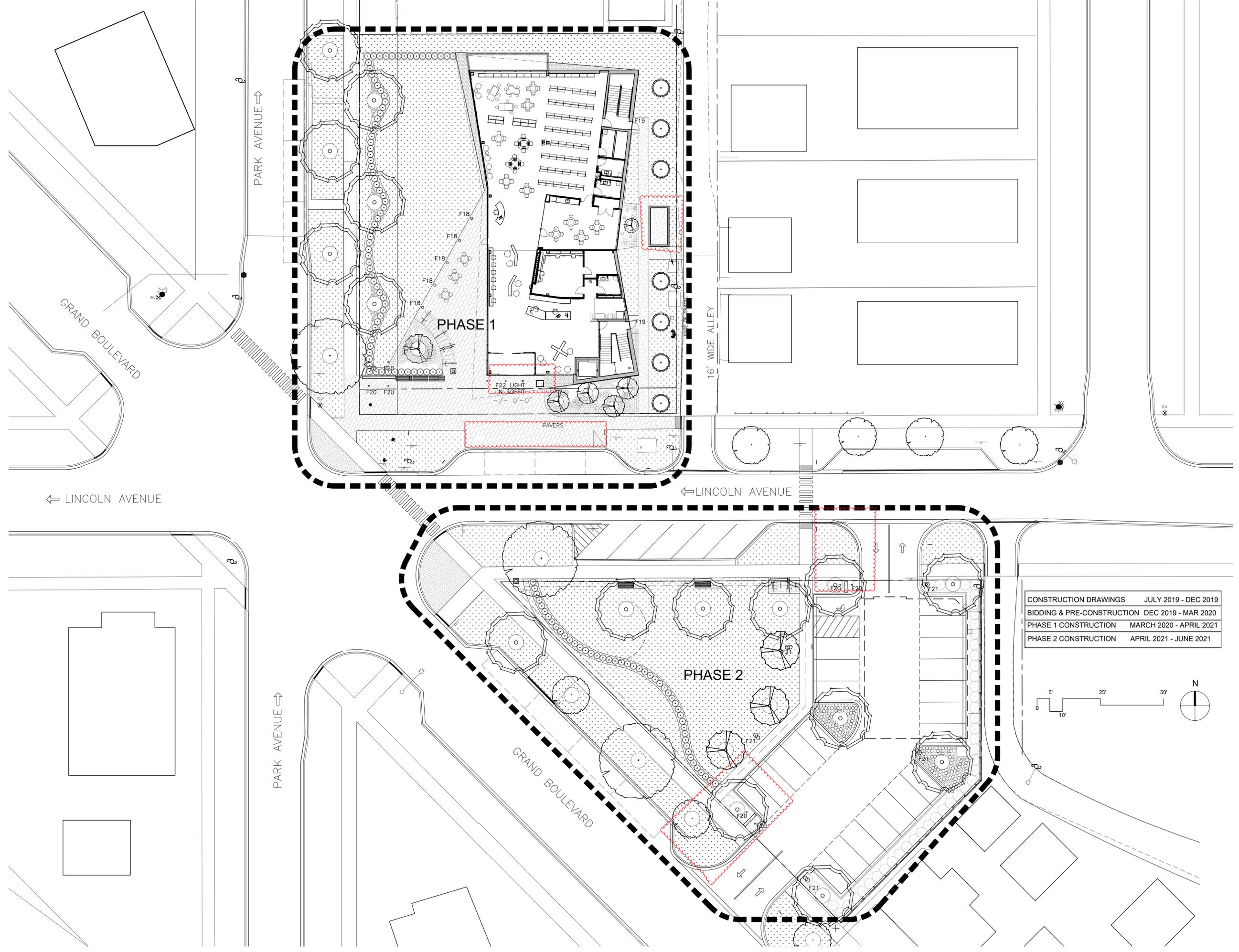
DESCRIPTION	DATE
PRELIMINARY PLANNED DEVELOPMENT	2-19-2019
DESIGN DEVELOPMENT	3-03-2019
FINAL PLANNED DEVELOPMENT	7-17-2019

drawing:
architectural site plan

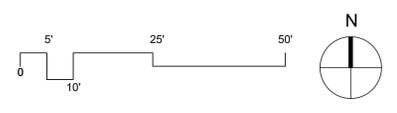
project:
**linda sokol francis
brookfield library**
3541 park avenue,
brookfield, IL 60513

project number:	1805
drawn by:	---
approved by:	---
drawing scale:	1"=25'-0"
site sheet:	---

sheet number:
A5.0
sheet ___ of ___



CONSTRUCTION DRAWINGS	JULY 2019 - DEC 2019
BIDDING & PRE-CONSTRUCTION	DEC 2019 - MAR 2020
PHASE 1 CONSTRUCTION	MARCH 2020 - APRIL 2021
PHASE 2 CONSTRUCTION	APRIL 2021 - JUNE 2021



PROPOSED	DATE
PRELIMINARY PLANNED DEVELOPMENT	2-13-2019
DESIGN DEVELOPMENT	3-03-2019
FINAL PLANNED DEVELOPMENT	7-17-2019

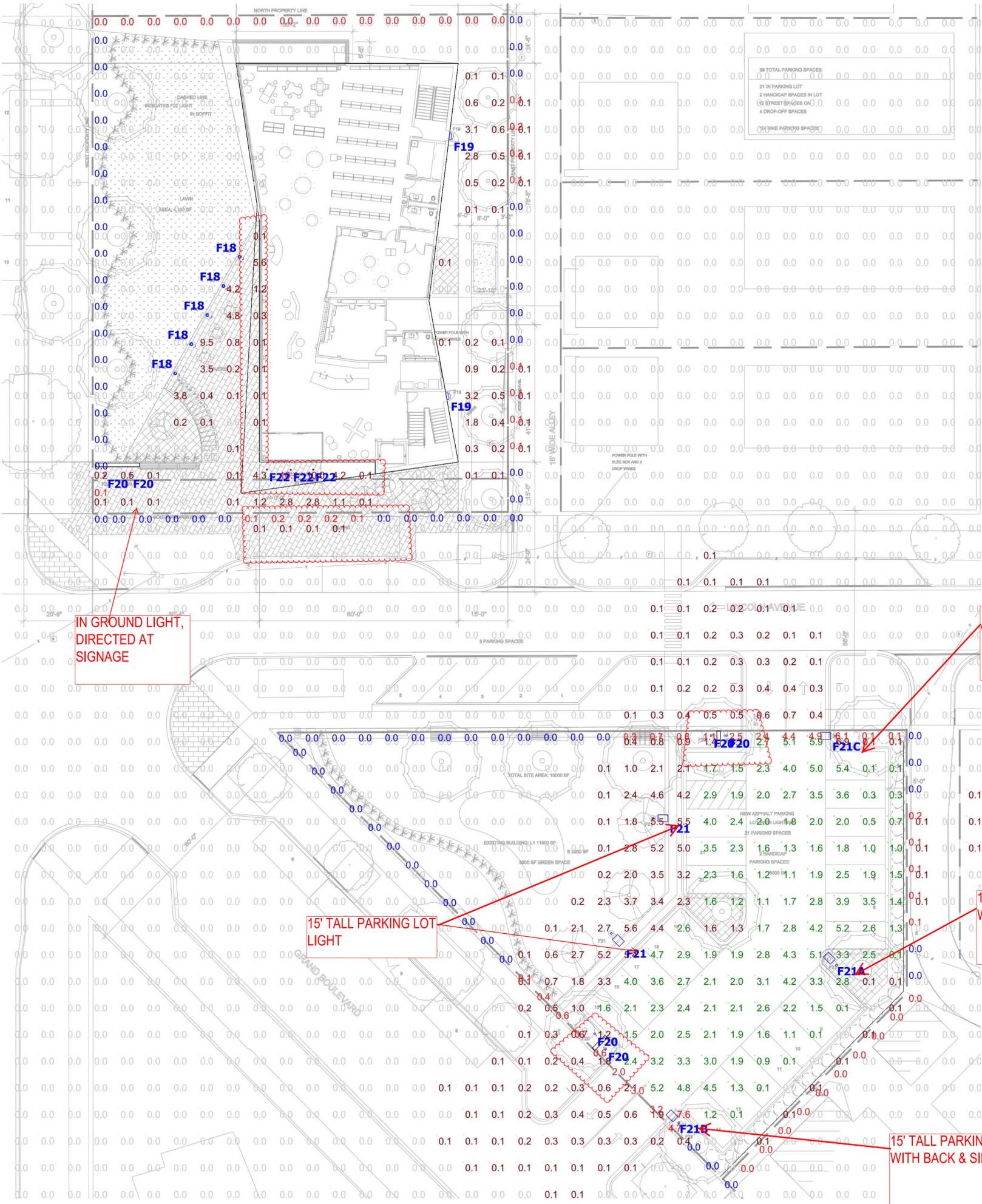
drawing:
exterior lighting calcs

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

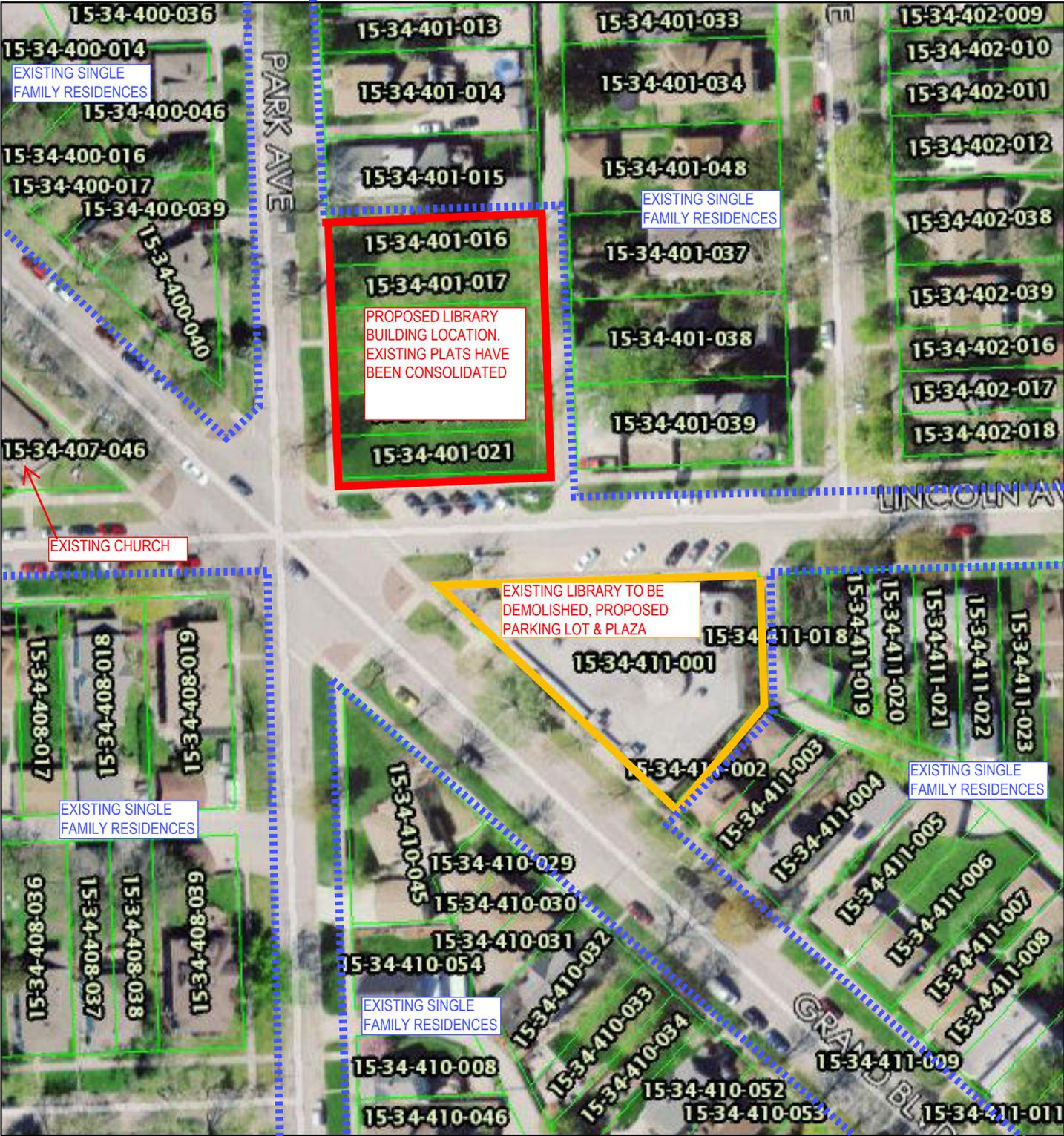
project number:	1805
drawn by:	---
approved by:	---
drawing scale:	1"=20'-0"
date issued:	---
sheet number:	---

Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lumens Per Lamp	Light Loss Factor	Wattage
	F18	10	Louis Poulsen	Flindt Bollard 3000K	Flindt Bollard 3000K	578	0.93	15
	F19	2	BEGA Converted by LUMCat V 20.10.2016 / M.S.	22360	22360	1023	0.93	20.5
	F20	2	BEGA Converted by LUMCat V 07.11.2016 / H.R.	77107	77107	1904	1	17
	F21	2	Lithonia Lighting	DSX0 LED P2 VLS 30K HS	DSX0 LED Visual Comfort, P2 symmetric Type V distribution 30K with houseside shield	5974	0.93	83
	F21A	1	Lithonia Lighting	DSX0 LED P3 30K BLC MVOLT	DSX0 LED P3 30K BLC MVOLT	6428	0.93	71
	F21B	1	Lithonia Lighting	DSX0 LED P3 30K LCCO MVOLT	DSX0 LED P3 30K LCCO MVOLT	4783	0.93	71
	F21C	1	Lithonia Lighting	DSX0 LED P3 30K RCCO MVOLT	DSX0 LED P3 30K RCCO MVOLT	4783	0.93	71
	F22	3	BEGA Converted by LUMCat V 18.01.2017 / H.R.	55 924 K3	55 924 K3	932	0.93	11

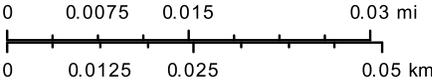


Cook County CookViewer



August 14, 2019

1:1,000



Cook County GIS Dept

Project Number	1500
Design Development	05/03/2019
Final Program Development	07/23/2019



REDPOINTE MAPLE **A**



REGAL PRINCE OAK **B**



PRINCETON ELM **C**



SWAMP WHITE OAK **D**



SHADEMASTER HONEYLOCUST **E**



BLACKHAW VIBURNUM **F**



CARDINAL CRABAPPLE **G**



EASTERN REDBUD **H**



WITCHHAZEL - FALL COLOR **I**



IROQUOIS BEAUTY ARONIA **J**



ARCTIC FIRE REDOSIER DOGWOOD - SUMMER **K**



ARCTIC FIRE REDOSIER DOGWOOD - FALL COLOR



drawing: **Landscape and Parking Plan**

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

Project Number	1500
Drawn by	AWB
Approved by	TRB
Drawing Scale	1"=20'-0"
Date Issued	-

sheet number:

L01

sheet ___ of ___

Project Name	Brookfield Library
Project Location	3541 Park Avenue, Brookfield, IL
Client	Linda Sokol Francis
Architect	Product Architecture + Design
Contract No.	
Sheet No.	L-100

Existing Landscape Plan

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

Scale	1" = 20'
North Arrow	
Sheet Number	L-100
Project Name	Brookfield Library

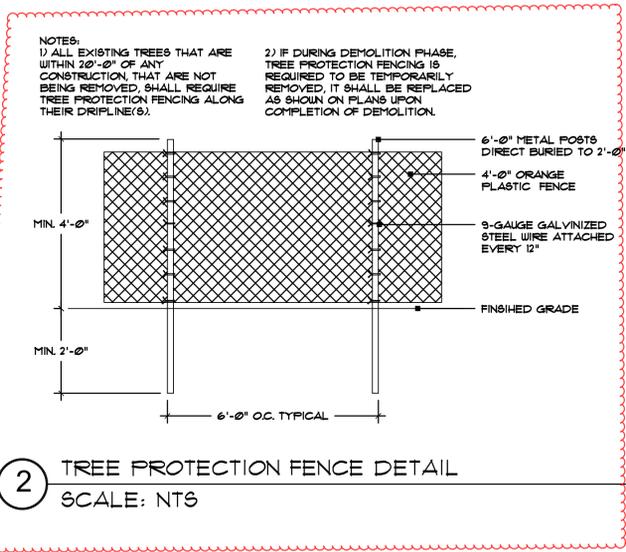
LEGEND:

-  EXISTING TREE TO REMAIN WITH PROTECTION FENCE
-  EXISTING TREE TO BE REMOVED
-  EXISTING LANDSCAPE/SHRUBS TO BE REMOVED
-  NEIGHBORS LANDSCAPING (DO NOT DISTURB)

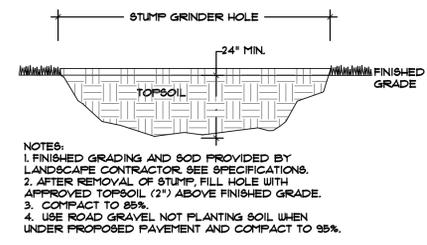
NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FOR TREE REMOVAL IN THE RIGHT OF WAY FROM THE VILLAGE OF BROOKFIELD.
2. FIELD LOCATE ALL UTILITIES PRIOR TO THE START OF CONSTRUCTION.
3. IF DURING EXCAVATION ANY ROOTS ARE SEVERED ON TREES TO REMAIN, IMMEDIATELY COVER WITH BURLAP AND DAMPEN. KEEP WET BY APPLYING CONTINUOUS DRIP UNTIL EXCAVATION IS FILLED IN. PRIOR TO COVERING EXCAVATION, HAVE A CERTIFIED ARBORIST TO MAKE CLEAN CUTS.
4. LOCATE ROADWAYS, STORAGE AREAS, PARKING PADS, ETC. FOR CONSTRUCTION VEHICLES AT LEAST 25 FEET FROM THE CRITICAL ROOT ZONE OF AN INDIVIDUAL TREE.
5. ALL PRUNING SHALL BE DONE BY A CERTIFIED ARBORIST. PRUNE ALL DEAD AND BROKEN BRANCHES FROM TREES WITHIN THE SCOPE OF WORK.
6. REMOVE ALL SHRUBS, PERENNIALS AND INCIDENTAL PLANTINGS OR SCRUB FROM AROUND EXISTING LIBRARY.

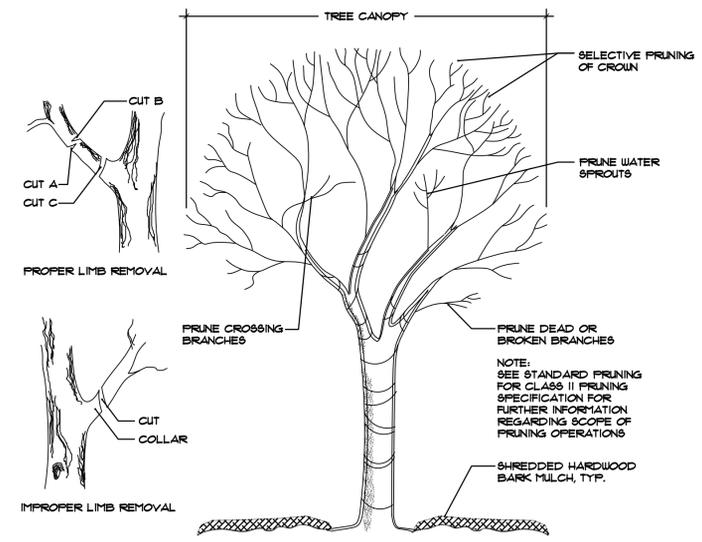
Tag #	Botanical Name	Common Name	DBH (Inches)	Height (feet)	Width (feet)	Location	Comments/Condition
1	Acer rubrum	Red Maple	8" caliper	23'	18'	Grand Blvd.	Fair
2	Tilia cordata	Littleleaf Linden	16" caliper	26'	20'	Grand Blvd.	Fair, REMOVE for driveway
3	Acer rubrum	Red Maple	8" caliper	21'	16'	Grand Blvd.	Fair
4	Pyrus calleryana 'Bradford'	Bradford Pear	20" caliper	30'	34'	Grand Blvd.	Fair/Poor, damaged trunk
5	Acer rubrum	Red Maple	8" caliper	24'	18'	Grand Blvd.	Fair, girdling roots
6	Tilia cordata	Littleleaf Linden	16" caliper	29'	17'	Grand Blvd.	Poor, dead wood, REMOVE
7	Tilia cordata	Littleleaf Linden	20" caliper	38'	34'	Lincoln Ave.	Fair, prune dead wood
8	Acer platanoides 'Crimson King'	Crimson King Norway Maple	28" caliper	50'	35'	Park Ave.	Fair, prune dead wood
9	Acer saccharinum	Silver Maple	36" caliper	55'	40'	Park Ave.	Poor, dead, REMOVE



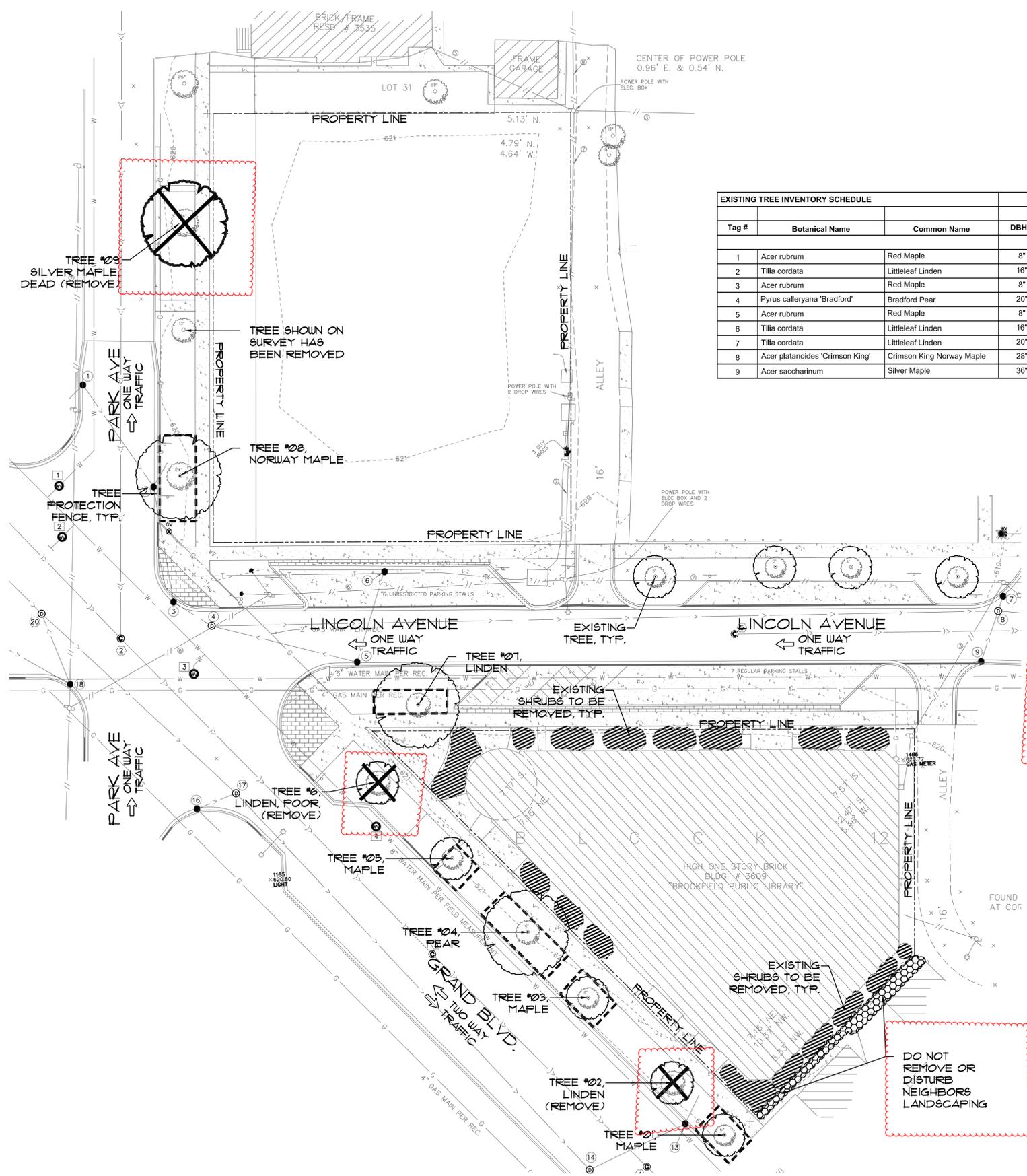
2 TREE PROTECTION FENCE DETAIL
SCALE: NTS



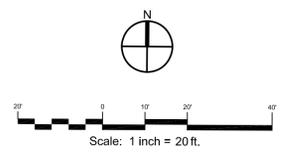
3 STUMP REMOVAL DETAIL
SCALE: NTS



4 TREE PRUNING DETAIL
SCALE: NTS



1 EXISTING LANDSCAPE PROTECTION AND REMOVAL PLAN
SCALE: 1" = 20'-0"



Revision	Date

drawing:
Overall Landscape Plan

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

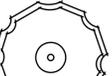
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date:	
author:	
checked by:	
drawing scale:	
plot scale:	

sheet number:

L-200

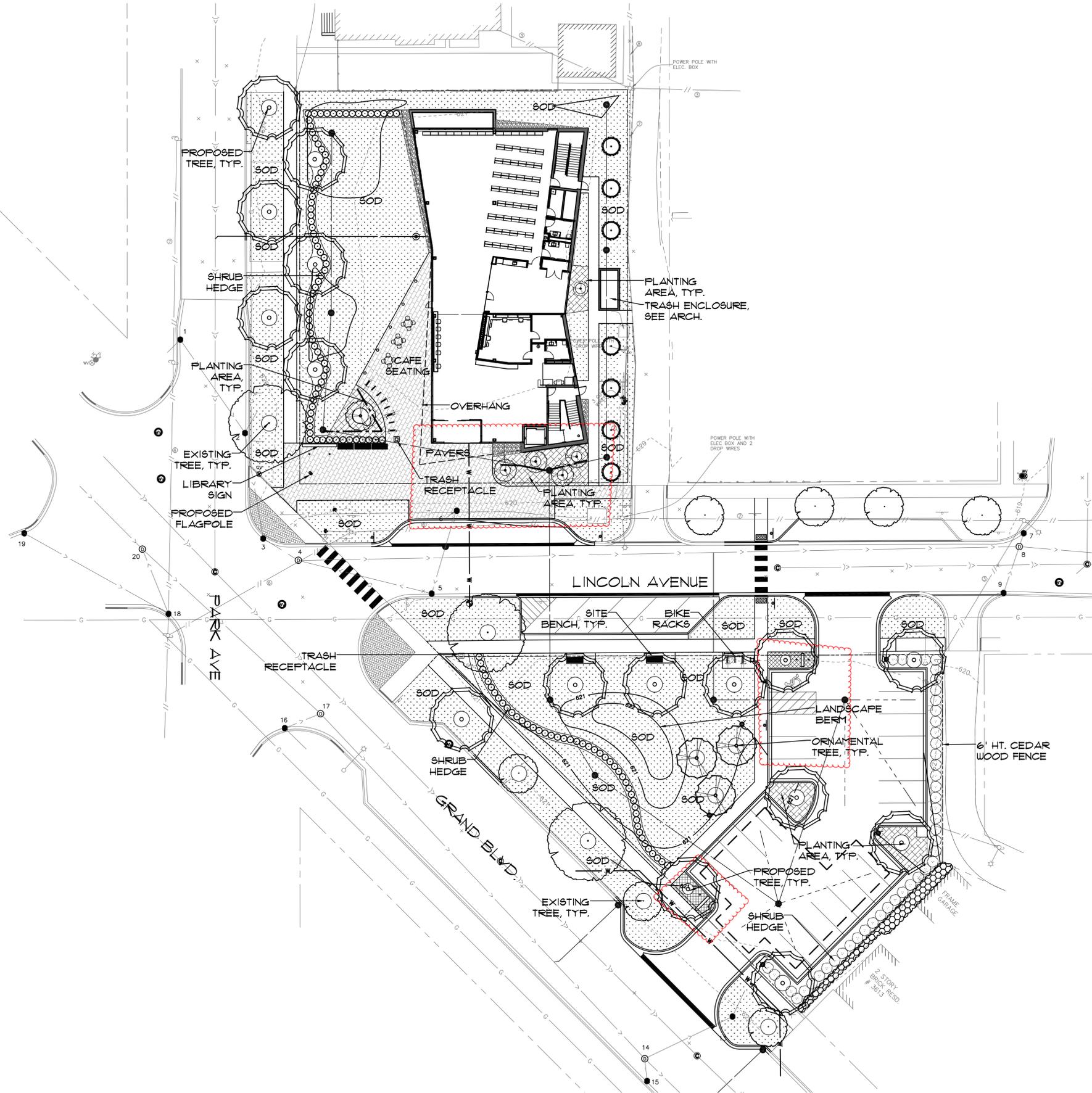
sheet ___ of ___

LEGEND:

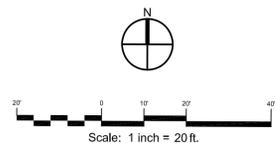
-  PROPOSED SHRUBS AND PERENNIALS
-  DECORATIVE GRAVEL 3" DEPTH
-  PROPOSED SHADE TREE
-  PROPOSED ORNAMENTAL TREE
-  EXISTING TREES
-  PROPERTY LINE

PLANTING NOTES:

1. PROVIDE 6' DIAMETER MULCH RINGS FOR ALL PROPOSED AND EXISTING TREES WITH PREMIUM SHREDDED HARDWOOD BARK MULCH.
2. SEE SHEET L-201 AND L-202 FOR ENLARGEMENT LANDSCAPE PLANTING PLANS.
3. REPAIR ALL DISTURBED AREAS FROM CONSTRUCTION WITH TOPSOIL AND SOD.
4. SEE SHEET L-300 FOR SITE DETAILS.
5. SEE SHEET L-301 FOR SITE FURNITURE DETAILS.
6. SEE SHEET L-302 FOR LANDSCAPE PLANTING DETAILS.
7. SEE SHEET L-303 FOR LANDSCAPE PLANT SCHEDULE AND NOTES.
8. SEE ARCHITECTURE DRAWINGS FOR ALL TRASH ENCLOSURE DETAILS.



1 OVERALL LANDSCAPE PLAN
SCALE: 1" = 20'-0"



Revision	Date

Library Landscape
Enlargement Plan

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

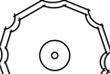
Drawn by	
Checked by	
Design date	
Drawn date	

sheet number:

L-201

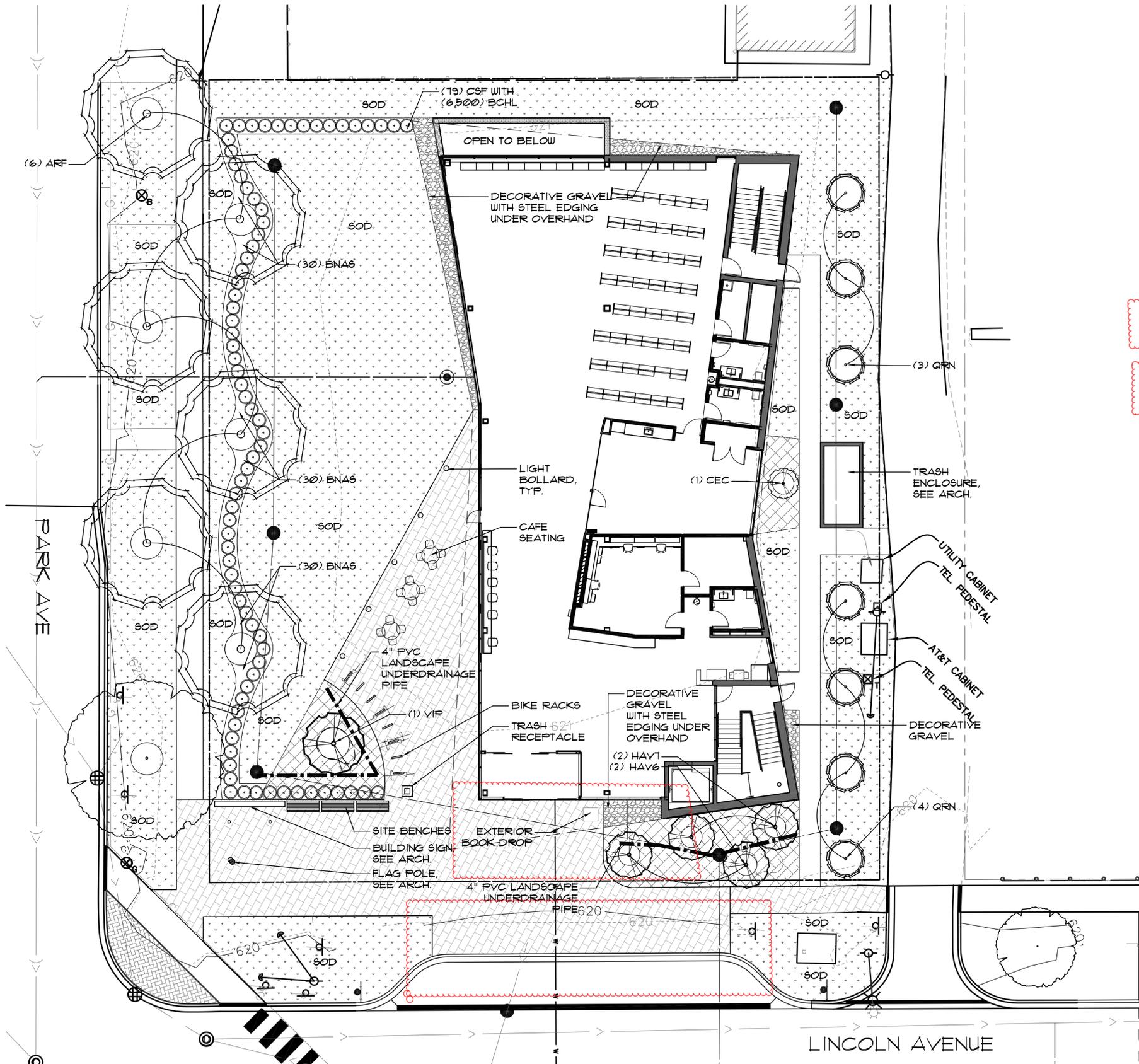
sheet ___ of ___

LEGEND:

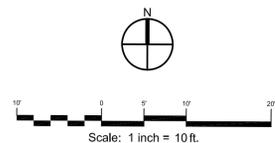
-  PROPOSED SHRUBS AND PERENNIALS
-  DECORATIVE GRAVEL 3" DEPTH
-  PROPOSED SHADE TREE
-  PROPOSED ORNAMENTAL TREE
-  EXISTING TREES
-  PROPERTY LINE
-  4" PVC LANDSCAPE UNDERDRAINAGE PIPE

PLANTING NOTES:

1. SEE SHEET L-300 FOR SITE DETAILS INCLUDING LANDSCAPE UNDERDRAINAGE.
2. SEE SHEET L-301 FOR SITE FURNITURE DETAILS.
3. SEE SHEET L-302 FOR LANDSCAPE PLANTING DETAILS AND NOTES.
4. SEE SHEET L-303 FOR LANDSCAPE PLANT SCHEDULE AND NOTES.



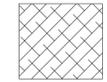
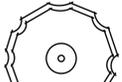
1 LIBRARY LANDSCAPE PLAN
SCALE: 1" = 10'-0"

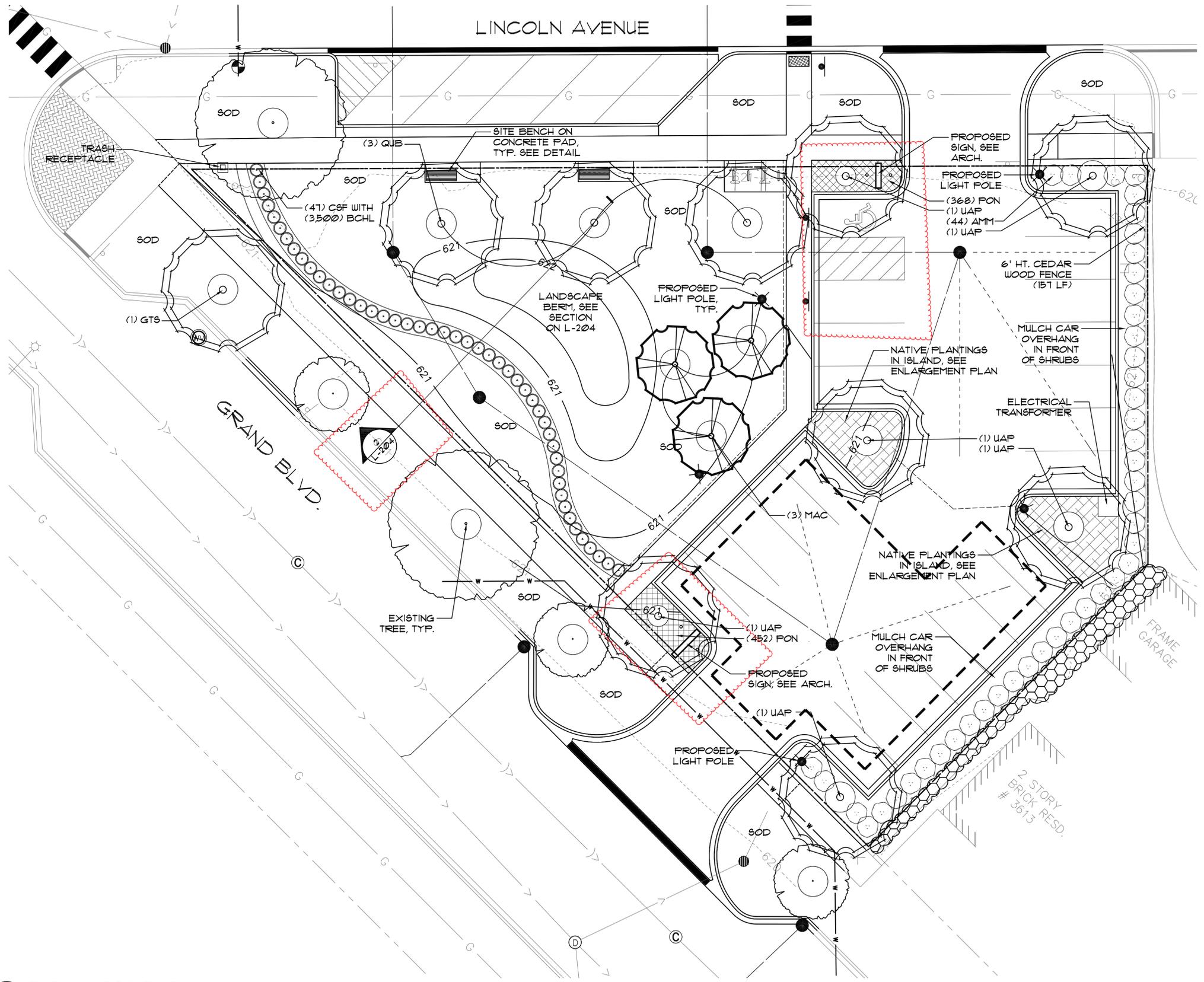


PLANTING NOTES:

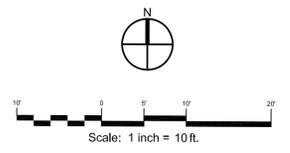
1. SEE SHEET L-300 FOR SITE DETAILS.
2. SEE SHEET L-301 FOR SITE FURNITURE DETAILS.
3. SEE SHEET L-302 FOR LANDSCAPE PLANTING DETAILS.
4. SEE SHEET L-303 FOR LANDSCAPE PLANT SCHEDULE AND NOTES.

LEGEND:

-  PROPOSED SHRUBS AND PERENNIALS
-  PROPOSED SHADE TREE
-  PROPOSED ORNAMENTAL TREE
-  EXISTING TREES
-  PROPERTY LINE



1 PARK LANDSCAPE PLAN
SCALE: 1" = 10'-0"

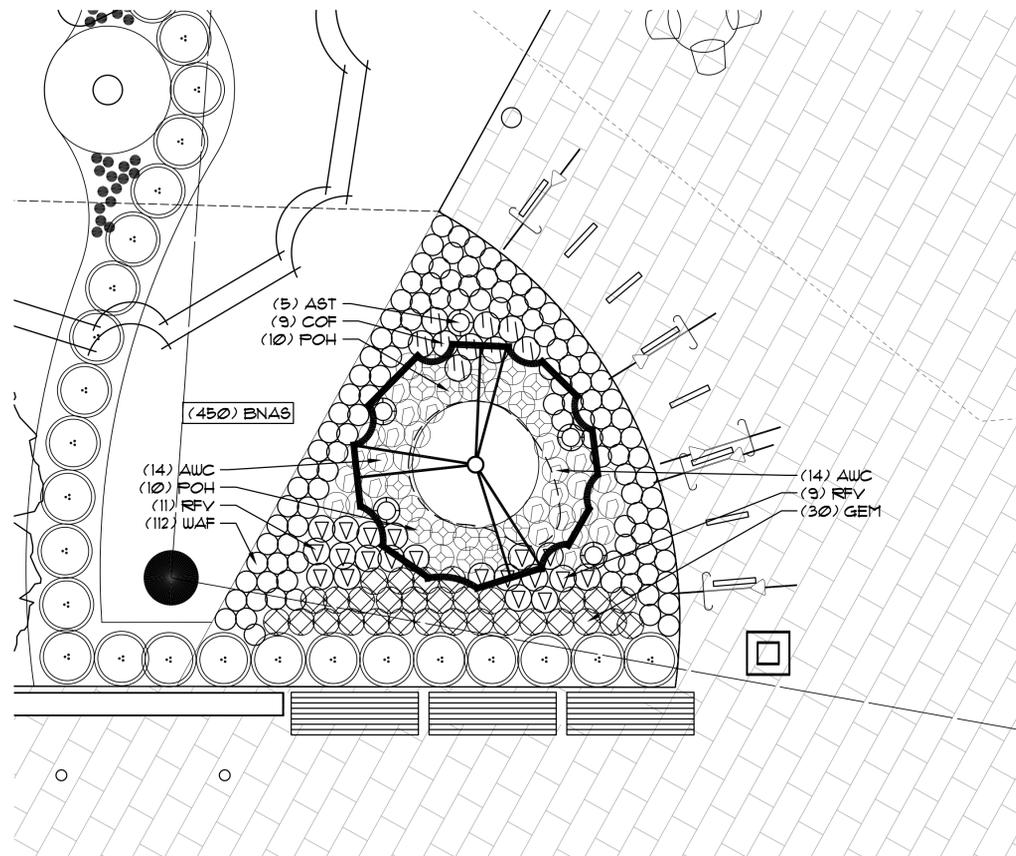


drawing: **Park Landscape Plan**

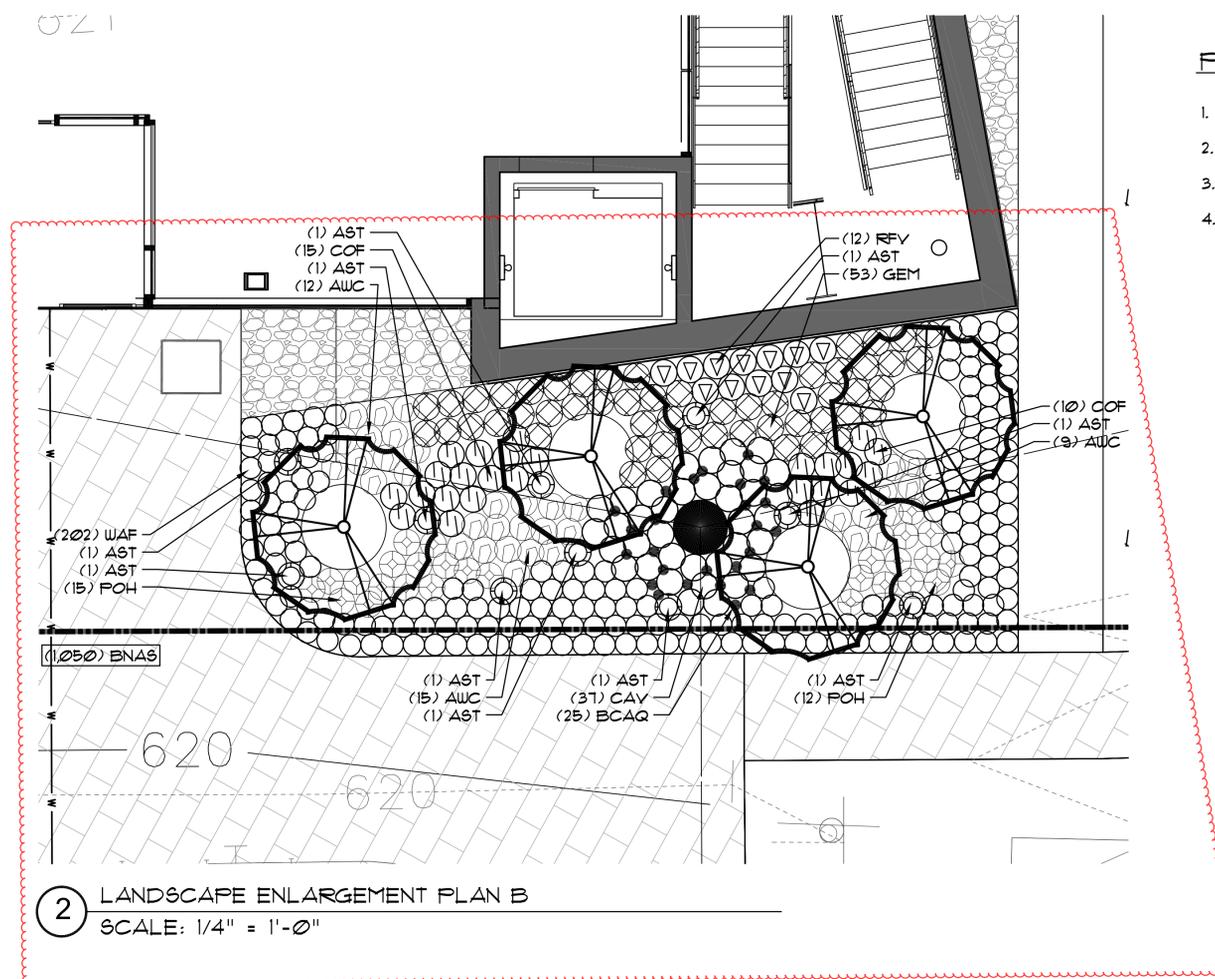
project:
**linda sokol francis
brookfield library**
3541 park avenue,
brookfield, IL 60513

sheet number:	202
date:	08/11/11
author:	ML
check:	ML
date:	08/11/11
date:	08/11/11
date:	08/11/11

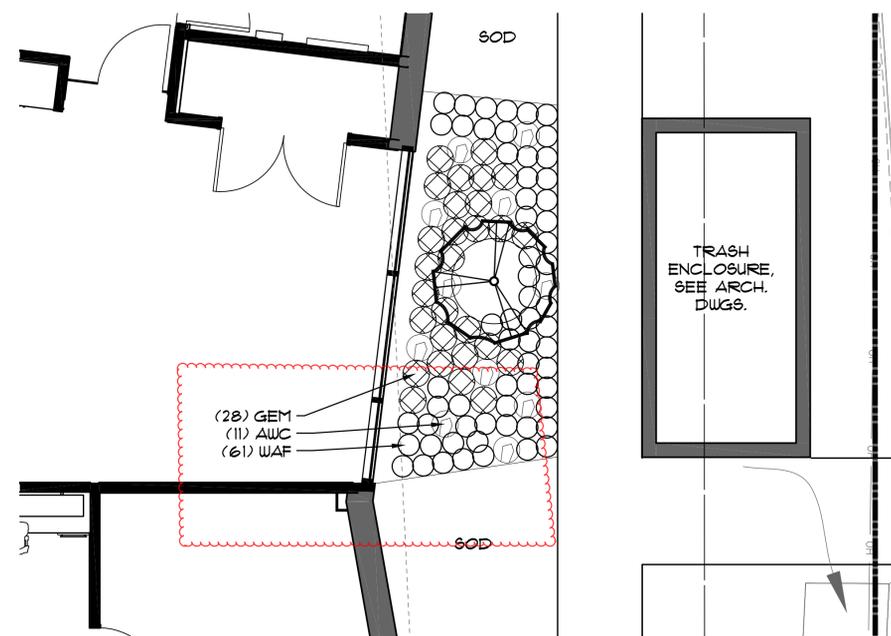
sheet number:
L-202
sheet ___ of ___



1 LANDSCAPE ENLARGEMENT PLAN A
SCALE: 1/4" = 1'-0"



2 LANDSCAPE ENLARGEMENT PLAN B
SCALE: 1/4" = 1'-0"



1 LANDSCAPE ENLARGEMENT PLAN C
SCALE: 1/4" = 1'-0"

PLANTING NOTES:

1. SEE SHEET L-300 FOR SITE DETAILS.
2. SEE SHEET L-301 FOR SITE FURNITURE DETAILS.
3. L-302 FOR LANDSCAPE PLANTING DETAILS.
4. SEE SHEET L-303 FOR LANDSCAPE PLANT SCHEDULE AND NOTES.

Revision	Date

drawing:
Park Landscape Enlargement
Plan

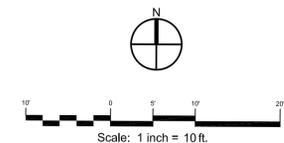
project:
linda sokol francis
brookfield library
3541 park avenue,
brookfield, IL 60513

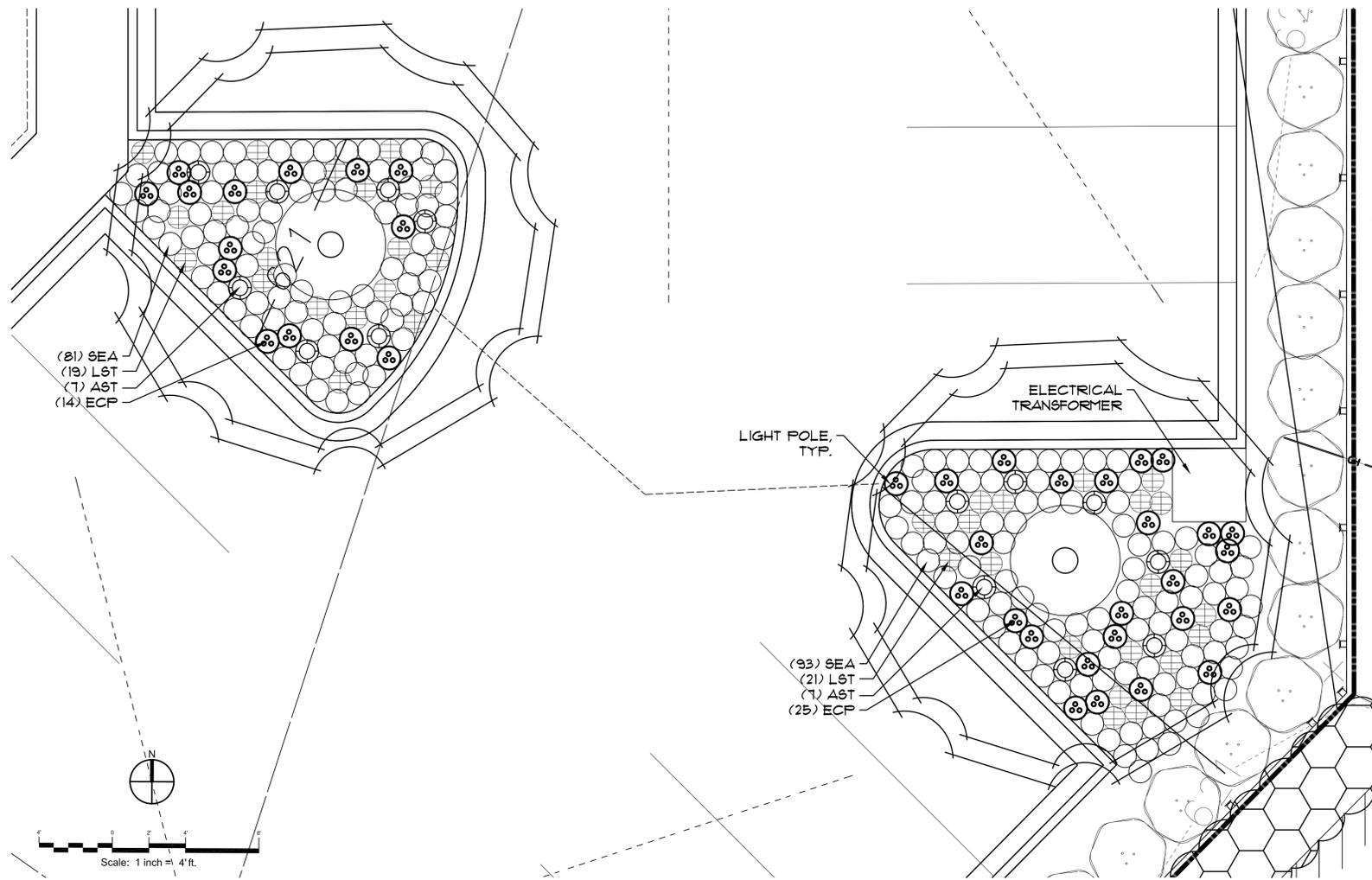
sheet number:	203
date:	08/11/11
author:	
checked by:	
drawing scale:	1/4" = 1'-0"
drawn by:	

sheet number:

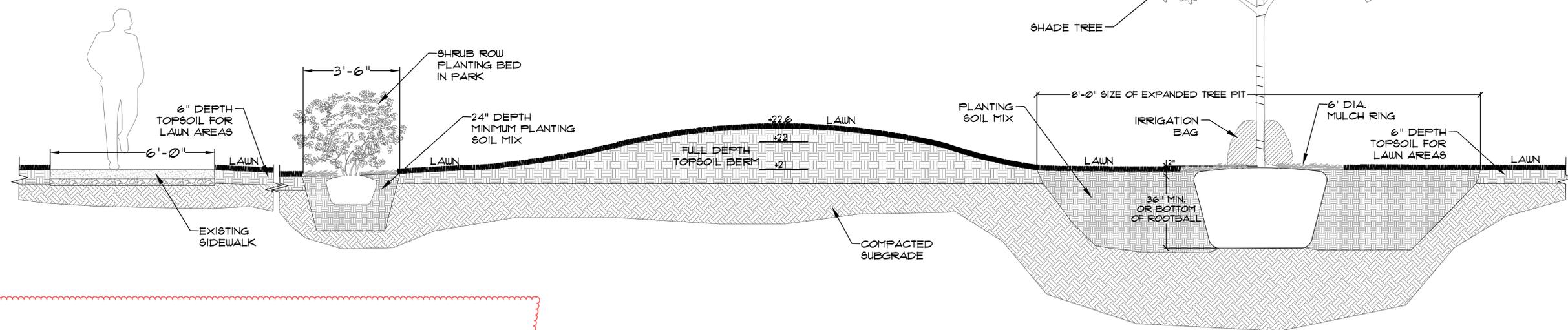
L-203

sheet ___ of ___





1 PARKING ISLAND LANDSCAPE ENLARGEMENT PLAN
SCALE: 1/4" = 1'-0"



2 PARK SITE LANDSCAPE SECTION
SCALE: 1/2" = 1'-0"

PLANTING NOTES:

- SEE SHEET L-302 FOR LANDSCAPE PLANTING DETAILS.
- SEE SHEET L-303 FOR LANDSCAPE PLANT SCHEDULE AND NOTES.
- BERM IN PARK SHALL BE FULL DEPTH TOPSOIL.

Revision	Date

Park Landscape Enlargement
Plan

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

sheet number:	204
date:	08/11/11
author:	
checked by:	
drawing scale:	
drawn by:	

sheet number:

Revision	Date

drawing:
**Library Irrigation Scope Plan -
Alternate**

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

Drawn by	
Checked by	

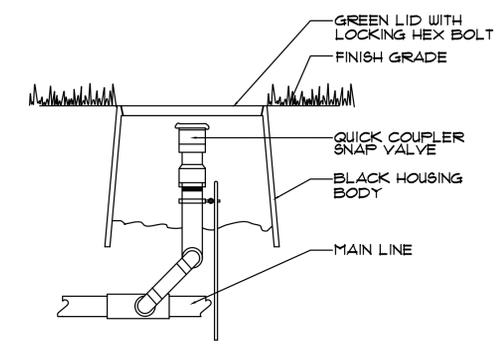
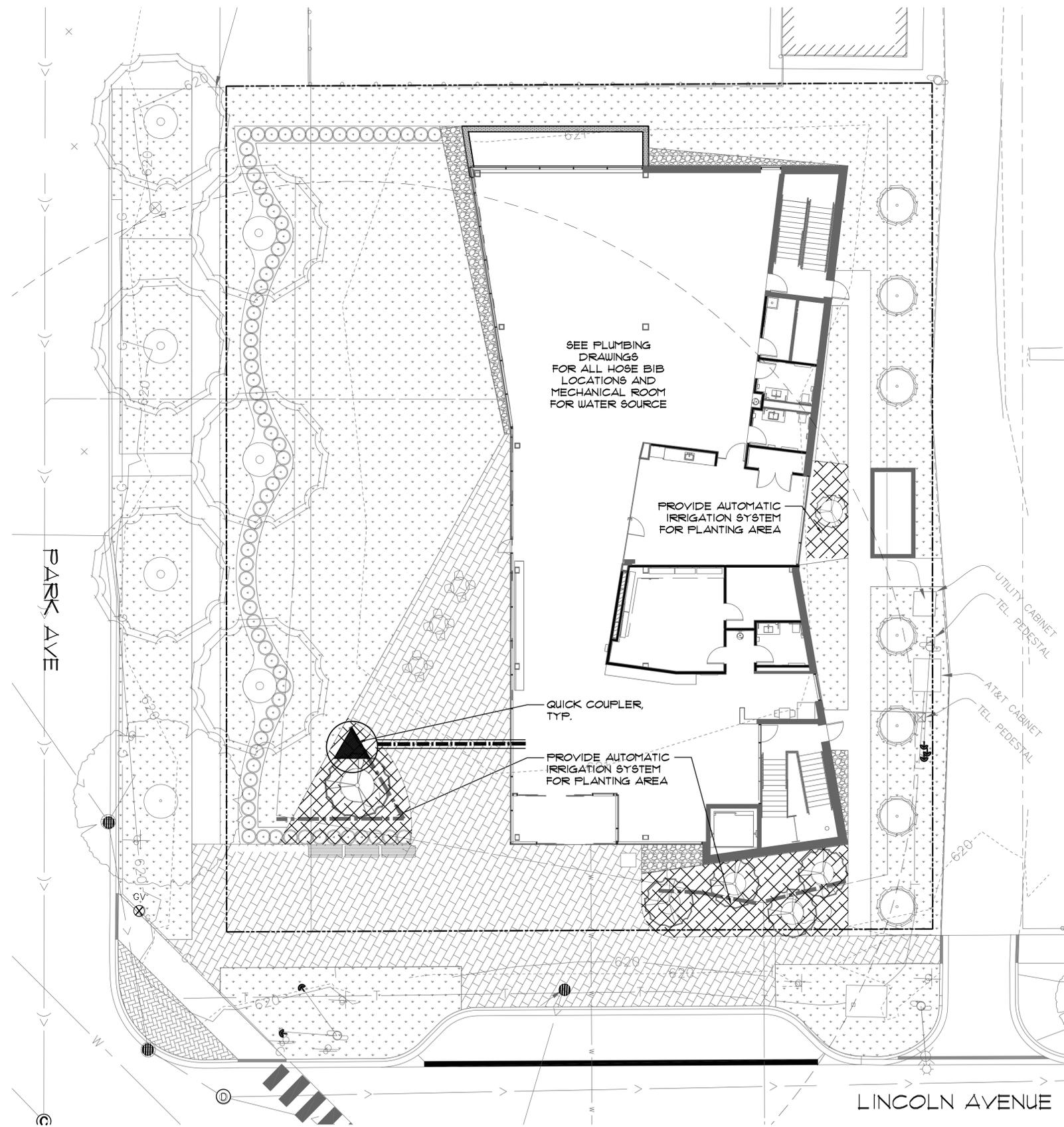
sheet number:
L-205
sheet ___ of ___

LEGEND:

-  PLANTING AREAS - FULLY IRRIGATE WITH SPRAY HEADS
-  DECORATIVE GRAVEL
-  QUICK COUPLER LOCATION WITH 100'-0" RADIUS FOR WATERING HOSE
-  MAIN LINE PIPE
-  MAIN LINE PIPE WITH SLEEVE UNDER PAVEMENT
-  PROPOSED SHADE TREE
-  PROPOSED ORNAMENTAL TREE
-  EXISTING TREES

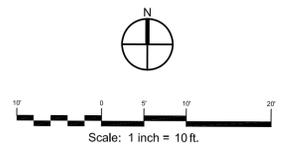
IRRIGATION NOTES:

1. PROVIDE AUTOMATIC IRRIGATION SYSTEM WITH WATER EFFICIENT POP-UP SPRAY HEADS, FVC PIPE, SMART CONTROLLER, QUICK COUPLER VALVES, WEATHER SENSORS, ETC. TO COMPLETELY IRRIGATE (3) LANDSCAPE BEDS AROUND THE BUILDING.
2. PROVIDE (2) QUICK COUPLES AS SHOWN ON THE DRAWINGS.
3. SEE PLUMBING DRAWINGS FOR HOSE BIB LOCATIONS AND WATER SERVICE POINT OF CONNECTION.
4. FIELD VERIFY LOCATION AND INVERT ELEVATION OF EXISTING WATER MAINS AND ALL OTHER UTILITIES AND ANY OTHER POTENTIAL CONFLICTS PRIOR TO CONNECTION.
5. INSTALL SLEEVES UNDER PAVEMENT PRIOR TO HARDSCAPE CONSTRUCTION. PROVIDE TEMPORARY END CAPS. COORDINATE THIS WORK WITH ALL PAYER AND CONCRETE WORK. FLAG SLEEVE LOCATIONS.
6. CONTRACTOR SHALL SUPPLY 2" COPPER STUB OUT OF BUILDING FROM WATER/PUMP ROOM FOR IRRIGATION SYSTEM CONNECTION.
7. PROVIDE DESIGN AND SUBMIT SHOP DRAWINGS.
8. PROVIDE BOOSTER PUMP PER APPLICABLE CODES TO ENSURE THE APPROPRIATE WATER PRESSURE (MIN. OF 44PSI AFTER RPZ) IS MET. BOOSTER PUMP SHALL BE LOCATED IN WATER/PUMP ROOM 103 SHOWN ON ARCH. AND PLUMBING DRAWINGS.
9. PROVIDE A GRAVITY DRAIN FOR ALL QUICK COUPLER LINES TO DRAIN DOWN. SHUT DOWN SYSTEM AT THE END OF OCTOBER TO PREVENT FREEZING IN THE LINES.
10. ELECTRICAL CONTRACTOR TO PROVIDE 120V POWER IN WATER/PUMP ROOM FOR BOOSTER PUMP AND IRRIGATION CONTROLLER.
11. THE PLANS MAY NOT INCLUDE ALL MATERIALS. THIS DOES NOT RELIEVE THE CONTRACTOR FROM BEING RESPONSIBLE FOR PROVIDING A COMPLETE SYSTEM IN PERFECT WORKING ORDER WITH ADEQUATE WATER SUPPLY.



2 QUICK COUPLER DETAIL
SCALE: NTS

1 LIBRARY IRRIGATION SCOPE PLAN - ALTERNATE
SCALE: 1" = 10'-0"

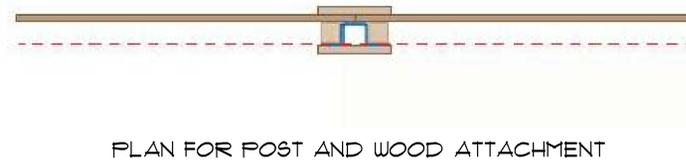


FENCE NOTES:

1. INSTALL FENCE ALONG PARKING LOT IN LOCATION SHOWN ON SHEET L-300.
2. INSTALL FENCE PER ALL VILLAGE OF BROOKFIELD CODES AND ORDINANCES.
3. INSTALL FENCE WITH NICE SIDE FACING OUT TOWARDS NEIGHBORS.
4. INSTALL FENCE SO TOP IS LEVEL. DO NOT TILT INDIVIDUAL PANELS TO FOLLOW SLOPE. STEP DOWN FENCE PANELS IF NEEDED.
5. VERIFY PROPERTY LINE BEFORE FENCE INSTALLATION. INSTALL FENCE 6" OFF PROPERTY LINE.

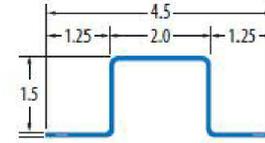


1 BOARD ON BOARD CEDAR WOOD FENCE ELEVATION
SCALE: N.T.S.



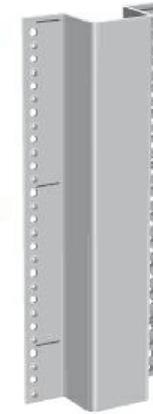
ELEVATION

2 CEDAR WOOD FENCE DETAILS
SCALE: N.T.S.

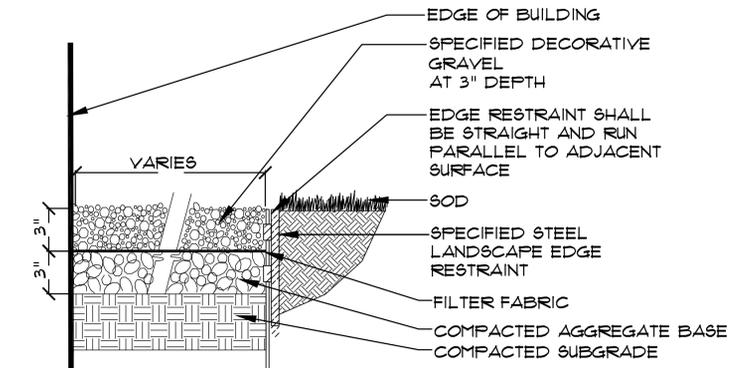


Alternating hole pattern for # 8 / #9 countersunk deck screws or 1/4 in. lag screws.

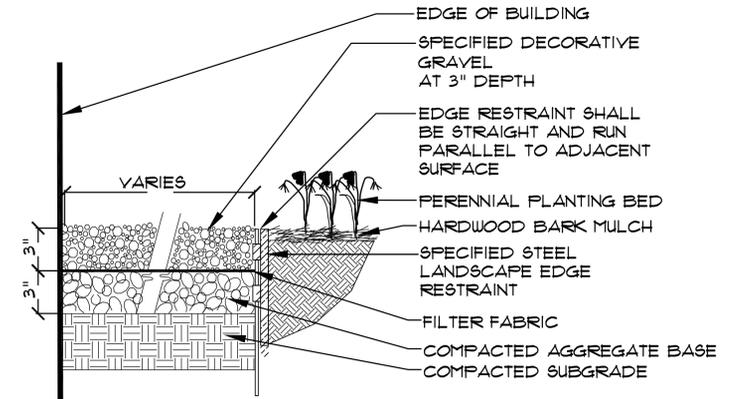
#8/9 countersunk deck screws are recommended for flush installation to the post.



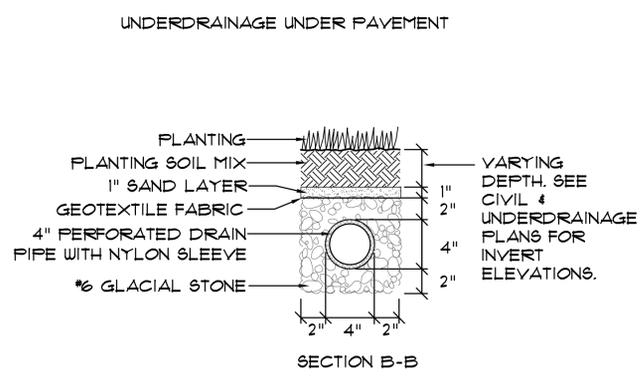
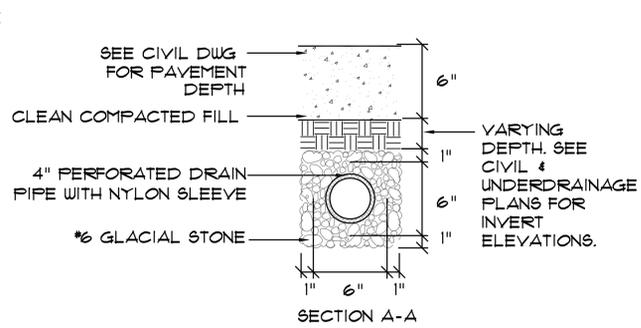
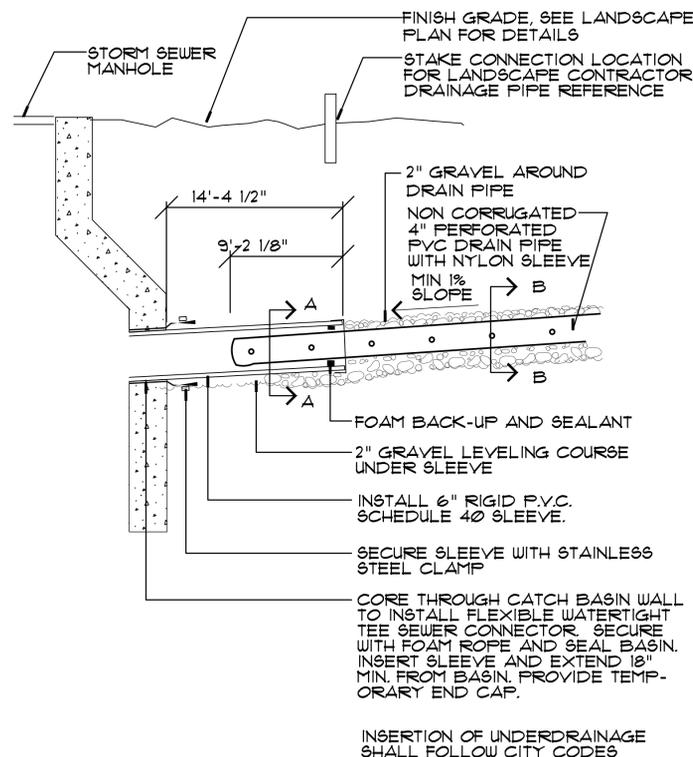
POST DETAIL



3 DECORATIVE GRAVEL NEXT TO SOD DETAIL
SCALE: N.T.S.



4 DECORATIVE GRAVEL NEXT TO PLANTING BED DETAIL
SCALE: N.T.S.

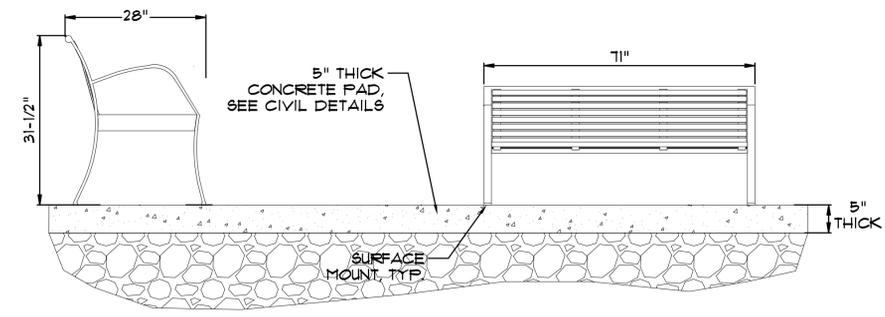
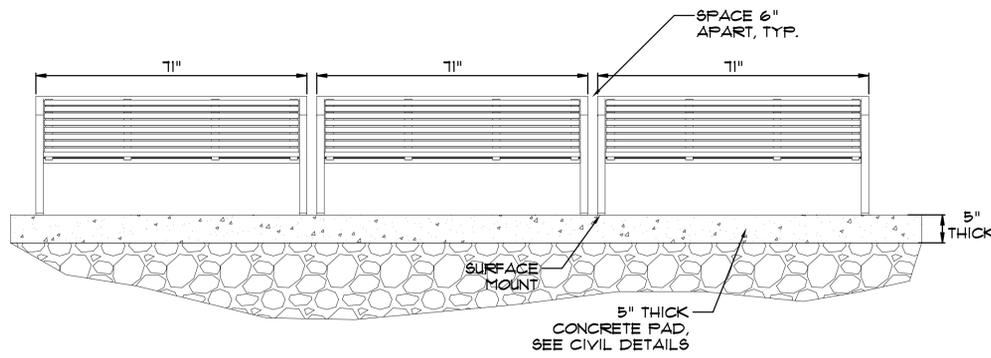
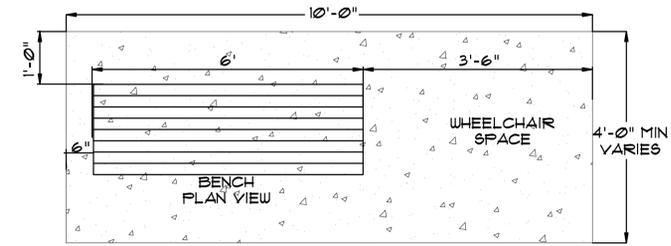


5 LANDSCAPE UNDERDRAINAGE DETAIL
SCALE: N.T.S.

sheet number:	300
sheet title:	site
drawing by:	site
drawing scale:	1"=1'-0"
date issued:	11/11/11

sheet number:

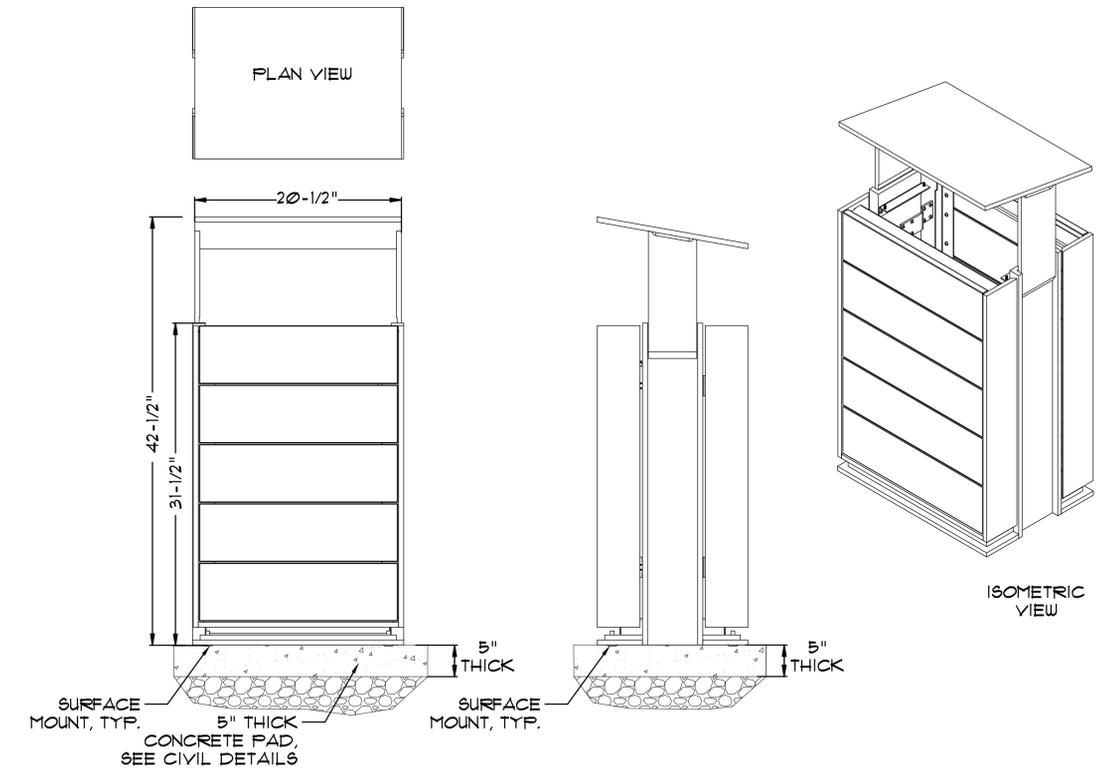
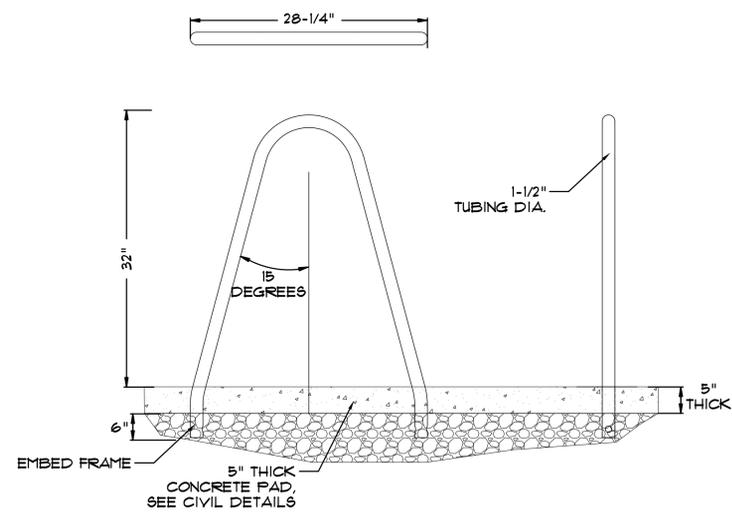
Revision:	Rev. No.:
Design Development:	07/13/2011
Final Planned Submittal:	07/22/2011



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.

drawing:
Site Furniture Details

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

Sheet number:	301
Drawn by:	MP
Checked by:	MP
Design date:	07/13/2011
Drawn date:	07/22/2011

sheet number:

Revision	Date

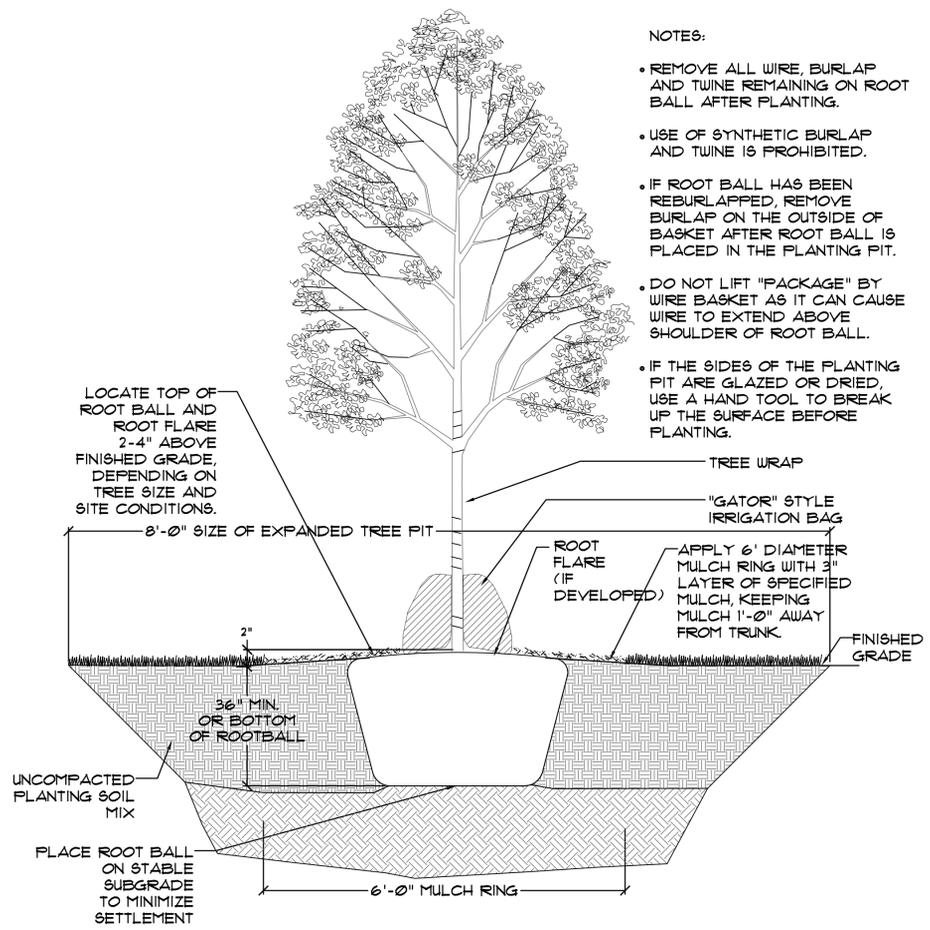
drawing: **Landscape Details**

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

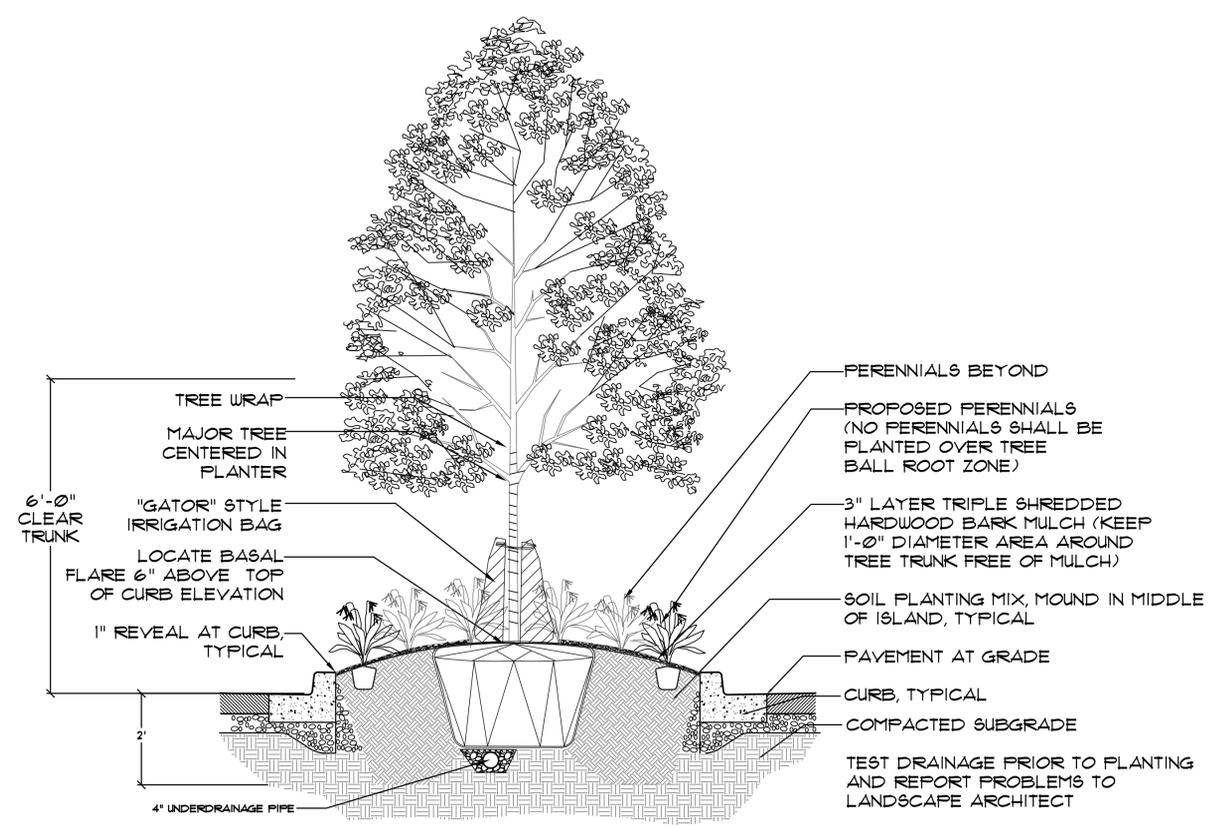
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drawing by:	
checked by:	
date:	

sheet number: _____

- NOTES:
- REMOVE ALL WIRE, BURLAP AND TWINE REMAINING ON ROOT BALL AFTER PLANTING.
 - USE OF SYNTHETIC BURLAP AND TWINE IS PROHIBITED.
 - IF ROOT BALL HAS BEEN REBURLAPPED, REMOVE BURLAP ON THE OUTSIDE OF BASKET AFTER ROOT BALL IS PLACED IN THE PLANTING PIT.
 - DO NOT LIFT "PACKAGE" BY WIRE BASKET AS IT CAN CAUSE WIRE TO EXTEND ABOVE SHOULDER OF ROOT BALL.
 - IF THE SIDES OF THE PLANTING PIT ARE GLAZED OR DRIED, USE A HAND TOOL TO BREAK UP THE SURFACE BEFORE PLANTING.

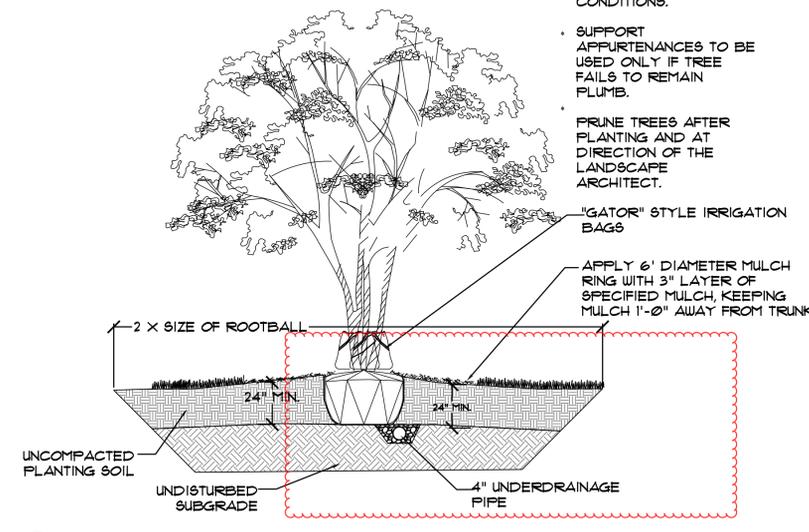


1 SHADE TREE PLANTING DETAIL
SCALE: N.T.S.

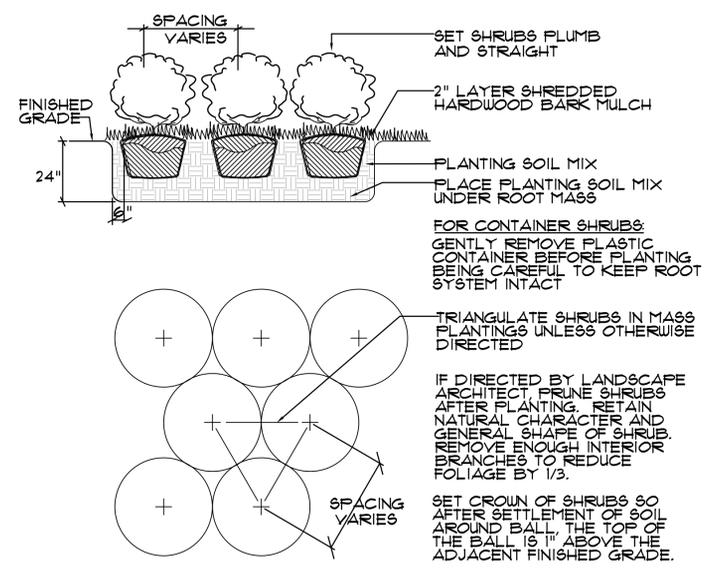


2 PARKING ISLAND PLANTING DETAIL
SCALE: N.T.S.

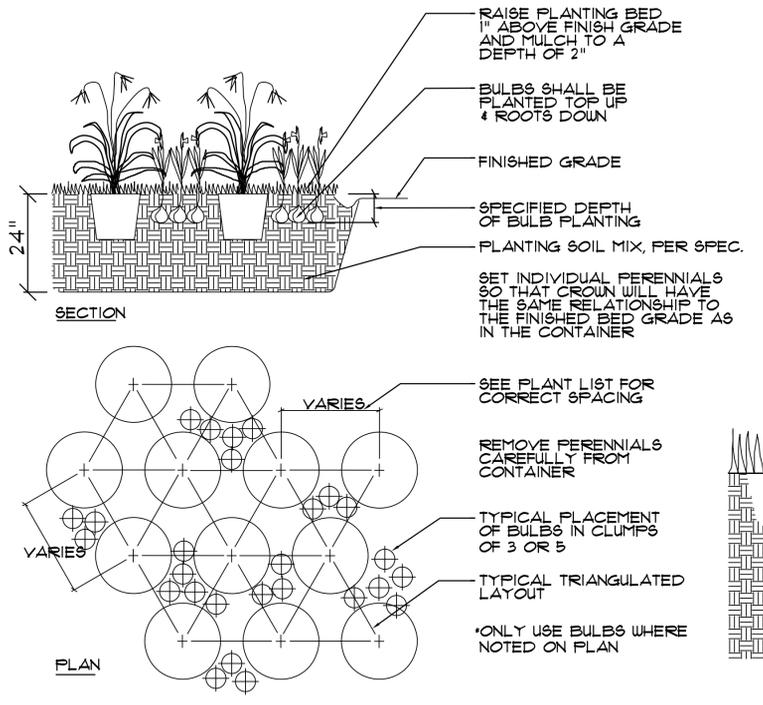
- NOTES:
- LOCATE TOP OF ROOT BALL AND ROOT FLARE 2" ABOVE FINISHED GRADE, DEPENDING ON TREE SIZE AND SITE CONDITIONS.
 - SUPPORT AFFURTENANCES TO BE USED ONLY IF TREE FAILS TO REMAIN PLUMB.
 - PRUNE TREES AFTER PLANTING AND AT DIRECTION OF THE LANDSCAPE ARCHITECT.



3 MULTI-STEMMED TREE PLANTING DETAIL
SCALE: N.T.S.



4 SHRUB PLANTING DETAIL
SCALE: N.T.S.



5 PERENNIAL AND BULB PLANTING DETAIL
SCALE: N.T.S.

Revision	Date
Stage Development	11/17/2011
Final Revised Submittal	11/17/2011

drawing: **Plant Schedule and Notes**

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

Project number	
Sheet no.	
Author	
Check date	
Drawn	

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 triacanthos 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'	Kindred 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	6' ht. (multi) B&B	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'	Iroquois 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 "CBG Cone 2"	Pixie Meadowbrite 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
RFV	32	Rudbeckia fulgida 'Viette's Little Suzy'	Little Suzy Back-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, 6/7cm+	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
BNAS	1,590	Narcissus 'Stainless'	Stainless Daffodil	Top Size, 16cm+	natural clumps	plant in fall

PLANTING NOTES:

- GRADES SHALL MEET ALL EXISTING PERIMETER WALKS TO REMAIN.
- DO NOT ALTER GRADES WITHIN 10' OF EXISTING TREES TO REMAIN. CONTACT ARCHITECT PRIOR TO ANY NECESSARY WORK IN THESE ZONES.
- TREES: SET TOP OF TREE ROOT BALL SO THAT AFTER SOIL SETTLEMENT, MAIN ORDER ROOTS SHALL BE 2" ABOVE THE TOP OF SURROUNDING GRADE. SUPPORT AFFURTENANCES TO BE USED ONLY IF TREE FAILS TO REMAIN PLUMB. SET ALL PLANT MATERIAL PLUMB IN PLANTING PIT. MAINTAIN PLUMB CONDITION THROUGHOUT GUARANTEE PERIOD.
- SHRUBS: GENTLY REMOVE PLASTIC CONTAINER BEFORE PLANTING BEING CAREFUL TO KEEP ROOT SYSTEM INTACT. SET CROWN OF SHRUBS SO AFTER SETTLEMENT OF SOIL AROUND BALL, THE TOP OF THE BALL IS 1" ABOVE THE ADJACENT FINISHED GRADE.
- PERENNIALS: REMOVE PLASTIC PLANTING CONTAINER BEFORE PLANTING BEING CAREFUL TO KEEP THE ROOT SYSTEM INTACT. TRIANGULATE PERENNIALS IN MASS PLANTINGS UNLESS SPECIFIED. SEE PLANT LIST FOR CORRECT SPACING. SET CROWNS OF PERENNIALS SO THAT AFTER SETTLEMENT OF SOIL AROUND BALL, THE TOP IS 1" ABOVE THE ADJACENT FINISHED GRADE OF SOIL.
- PROVIDE ALL SHADE TREES AS SPECIMEN QUALITY, WELL MATCHED, WELL SHAPED, LIMBED UP 6'-0" MIN. ABOVE GROUND.
- PROVIDE ALL ORNAMENTAL TREES AS SPECIMEN QUALITY, WELL MATCHED, WELL SHAPED.
- PROVIDE ALL SHRUBS AS SPECIMEN QUALITY, WELL MATCHED, WELL SHAPED, AND FULLY ROOTED IN CONTAINER UNLESS B&B.
- PROVIDE ALL PERENNIALS, ORNAMENTAL GRASSES, AND GROUND COVERS AS SPECIMEN QUALITY, WELL MATCHED, WELL SHAPED, FULLY ROOTED IN CONTAINER.
- REMOVE ALL SHIPPING MATERIALS AND CONTAINERS BEFORE PLANTING.
- ALL EXISTING AND PROPOSED TREES SHALL HAVE A 3" LAYER OF TRIPLE SHREDDED PREMIUM HARDWOOD BARK MULCH RING.
- SIZES SHOWN ARE MINIMUM REQUIRED SIZE.
- IF SIZE REQUIRED IS NOT AVAILABLE, CONTRACTOR MAY PROVIDE LARGER MATERIAL WITH THE ACCEPTANCE OF THE LANDSCAPE ARCHITECT.
- IF LARGER SIZES ARE ACCEPTED, LARGER COMMENSURATE ROOT BALLS SHALL BE DUG TO ENSURE PLANT SUCCESS.
- ALL SPRING DIG ONLY TREES WHICH CANNOT BE DUG IN SPRING SHALL BE "PRE DUG" MATERIAL OR SHALL BE STAGE DUG. ALL HELD MATERIALS SHALL BE MAINTAINED, INCLUDING WATERING.
- QUANTITIES ARE INCLUDED FOR CONVENIENCE ONLY. IN THE EVENT THAT DISCREPANCIES OCCUR, THE ACTUAL PLANT DESIGNATIONS AS DRAWN ON THE DRAWINGS SHALL GOVERN.
- MULCH ALL PLANTING BEDS IN THEIR ENTIRETY AFTER PLANTING WITH 2" OF PREMIUM TRIPLED SHREDDED HARDWOOD BARK MULCH.



SW VIEW



WEST VIEW



NW EXTERIOR VIEW



NE EXTERIOR VIEW



SE EXTERIOR VIEW



EXTERIOR ENTRANCE VIEW



WEST EXTERIOR VIEW



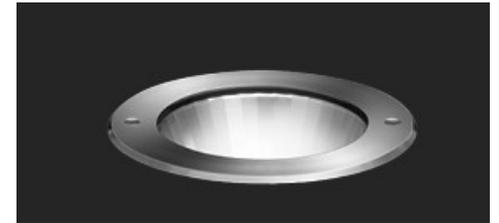
LITHONIA DSX-0 WITH 15' POLE



LOUIS POULSEN FLINDT BOLLARD

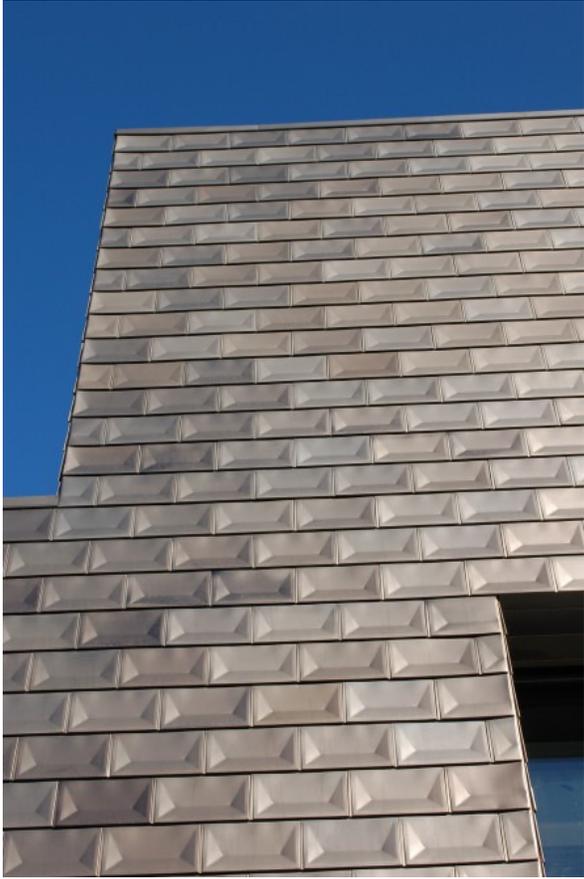


LITHONIA WST WALL MOUNT



BEGA IN-GROUND LUMINAIRE

EXTERIOR LIGHTING



LEVEL 2 CLADDING



EXTERIOR BRICK



LEVEL 2 FINIS



PAVERS - UNILOCK ARTLINE TUSCANY

EXTERIOR MATERIALS



EXTERIOR SITE FURNITURE



LANDSCAPE FORMS APEX TRASH CAN



LANDSCAPE FORMS BOLA BIKE RACK



EMU AMERICA NEOBARCINO BENCH

SITE FURNITURE

TRAFFIC IMPACT STUDY FOR:

BROOKFIELD PUBLIC LIBRARY

BROOKFIELD, ILLINOIS

June 25, 2019



PREPARED FOR:

Product Architecture & Design
811 W. Evergreen, Suite 405
Chicago, IL 60642
Contact Person: Dan Pohrte

PREPARED BY:

Traffic Analysis & Design, Inc.
N36 W7505 Buchanan Street
Cedarburg, WI 53012
Phone: (800) 605-3091
Contact Persons: Tammi Czewski, P.E., PTOE
John Bieberitz, P.E., PTOE

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- Exhibit 1-2Existing Transportation System
- Exhibit 1-3Existing Traffic Volumes
- Exhibit 2-1Conceptual Site Plan
- Exhibit 2-2Development Trip Generation Table
- Exhibit 2-3Brookfield Library Net New Trips
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- Appendix BExisting Traffic Peak Hour Analysis Outputs
- Appendix CBuild Traffic Peak Hour Analysis Outputs

CHAPTER I – EXISTING CONDITIONS

PART A – PURPOSE OF REPORT AND STUDY OBJECTIVES

This traffic impact analysis (TIA) report was prepared to determine the traffic impacts of a new, larger Brookfield Public Library that is being relocated from the southeast to the northeast corner of the Grand Boulevard/Lincoln Avenue/Park Avenue intersection in Brookfield, Illinois.

PART B – STUDY AREA

A project overview map illustrating the location of the study intersections and proposed development area is shown on Exhibit 1-1. This study evaluates traffic operations at the Grand Boulevard/Lincoln Avenue/Park Avenue intersection. The existing lane geometrics, traffic control, and posted speed limits for this intersection are shown on Exhibit 1-2. As shown, the six-leg intersection operates with stop sign control on the westbound Lincoln Avenue and northbound Park Avenue approaches. Lincoln Avenue has a one-way westbound traffic pattern through the study intersection. Park Avenue has a two-way traffic pattern south of Lincoln Avenue, and a one-way northbound traffic pattern, north of Lincoln Avenue.

PART C – DATA COLLECTION

TADI collected turning movement traffic volumes at the study intersection on Tuesday, January 29, 2019 and on Saturday, January 26, 2019. The existing Brookfield Public Library was open during both of these traffic counts. The Tuesday count was collected from 4:00-6:00 p.m. and the Saturday traffic count was collected from 11:00 a.m. to 1:00 p.m.

PART D – EXISTING TRAFFIC VOLUMES

Based on the compiled traffic data, the study area peak hours were determined to occur from 4:15-5:15 p.m. (Weekday PM peak hour) and from 11:30 a.m.-12:30 p.m. (Saturday midday peak hour). The peak hour traffic volumes are shown on Exhibit 1-3 as the Existing Traffic Volumes evaluated for this study.

CHAPTER II – PROPOSED DEVELOPMENT

PART A – DEVELOPMENT SITE PLAN

The development site plan is shown on Exhibit 2-1. A new three-story library building (21,374 square feet) is proposed to be constructed on a vacant lot in the northeast corner of the study intersection (directly east of Park Avenue and directly north of Lincoln Avenue). The existing library (13,700 square feet), located in the southeast corner of the intersection will be razed and replaced with a 22-space surface parking lot and 6,500 square feet of green space. Access to the surface parking lot will be at one location to Lincoln Avenue and one location to Grand Boulevard.

The angled parking spaces on Lincoln Avenue directly in front of this lot will be signed for drop-off/delivery. The angled parking spaces on the south side of Lincoln Avenue, directly in front of the existing library will be reduced slightly to provide room for the new parking lot driveway to Lincoln Avenue.

PART B – DEVELOPMENT TRAFFIC VOLUMES

B1. Trip Generation

It is expected that the newer, larger library building will generate more vehicle trips than the existing library. Since the existing traffic counts include trips generated by the existing, 13,700-square foot library, trip generation was estimated for the additional 7,674 square feet of library space proposed to be constructed with the new library building. The trip generation was based on average rates published in the Institute of Transportation Engineers (ITE) *Trip Generation Manual, 10th Edition* and represents the net number of new trips expected to be generated by the new library building.

The trip generation table is shown on Exhibit 2-2. As shown, the larger library is expected to generate about 555 additional daily trips on a typical weekday, with 65 of those trips occurring during the weekday PM peak hour. During the Saturday midday peak hour, the larger library is expected to generate about 95 additional trips. Based on information published online, the Brookfield Public Library is not open until 10:00 a.m. each weekday; therefore, no weekday AM peak hour (defined as one hour between 7:00 and 9:00 a.m.) trips were estimated for this study.

B2. Traffic Assignment

The net new trips were assigned to the study intersection based on the trip distribution shown on Exhibit 2-2. This trip distribution was based on existing traffic patterns at the study intersection. The net new trips traffic assignment is shown on Exhibit 2-3.

PART C – BUILD TRAFFIC VOLUMES

The Build traffic volumes were generated by adding the Brookfield Public Library net new trips to the Existing traffic volumes from Exhibit 1-3. The Build traffic volumes are shown on Exhibit 2-4.

CHAPTER III – CAPACITY ANALYSIS

PART A – LEVEL OF SERVICE DEFINITIONS

The study area intersections were analyzed based on the procedures set forth in the *2010 Highway Capacity Manual* (HCM). Synchro and SimTraffic 10 were used to evaluate traffic impacts at the study intersection.

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, LOS C was used to define acceptable peak hour operating conditions. Descriptions of the various levels of service are as follows:

LOS	Control Delay/Vehicle (sec/veh)	Unsignalized Intersection - Traffic Flow Description	Relative Delay
A	≤10	Free-flow traffic operations at average travel speeds. Vehicles completely unimpeded in ability to maneuver. Minimal delay at signalized intersections.	Short Delays
B	> 10 - 15	Reasonably unimpeded traffic operations at average travel speeds. Vehicle maneuverability slightly restricted. Low traffic delays.	
C	> 15 - 25	Stable traffic operations. Lane changes becoming more restricted. Travel speeds reduced to half of average free flow travel speeds. Longer intersection delays.	
D	> 25 - 35	Small increases in traffic flow can cause increased delays. Delays likely attributable to increased traffic, reduced signal progression, and adverse timing.	Moderate Delays
E	> 35 - 50	Significant delays. Travel speeds reduced to one-third of average free flow travel speed.	
F	> 50	Extremely low speeds. Intersection congestion. Long delays. Extensive traffic queues at intersections.	Long Delays

Source: Highway Capacity Manual, Transportation Research Board, Washington, D.C., 2010

PART B – EXISTING TRAFFIC ANALYSIS

The Existing traffic volumes were evaluated at the existing study intersection using the existing geometrics and traffic control. The Existing traffic LOS and queues are shown on Exhibit 3-1. As shown, all traffic movements at the Grand Boulevard/Lincoln Avenue/Park Avenue intersection operates at LOS B or better with very low 95th percentile traffic queues (about one vehicle length) during the weekday PM and Saturday midday peak hours. The capacity analysis worksheets for the Existing condition are located in Appendix B.

PART C – BUILD TRAFFIC ANALYSIS

The Build traffic volumes were evaluated at the study intersections using the existing geometrics and traffic control. For the Build traffic condition, the Grand Boulevard/Lincoln Avenue/Park Avenue intersection was evaluated plus the new library parking lot driveways to Lincoln Avenue and Grand Boulevard.

The Build traffic LOS and queues are shown on Exhibit 3-2. As shown, all turning movements at the study intersections are expected to operate acceptably and with very low delays and queues during the weekday PM and Saturday midday peak hours. The capacity analysis worksheets for the Build condition are located in Appendix C.

CHAPTER IV – RECOMMENDATIONS AND CONCLUSION

PART A – SUMMARY

Based on the capacity analysis, the Grand Boulevard/Lincoln Avenue/Park Avenue intersection operates with relatively low traffic volumes, very low delays, and very low traffic queues during the weekday PM and Saturday midday peak hours. With the additional traffic expected from the newer, larger Brookfield Public Library, intersection operations are expected to remain at very similar acceptable levels. The new parking lot driveways to Lincoln Avenue and Grand Boulevard are also expected to operate acceptably with very low delays, low queues, and little impact to the mainline roadways during the peak hours.

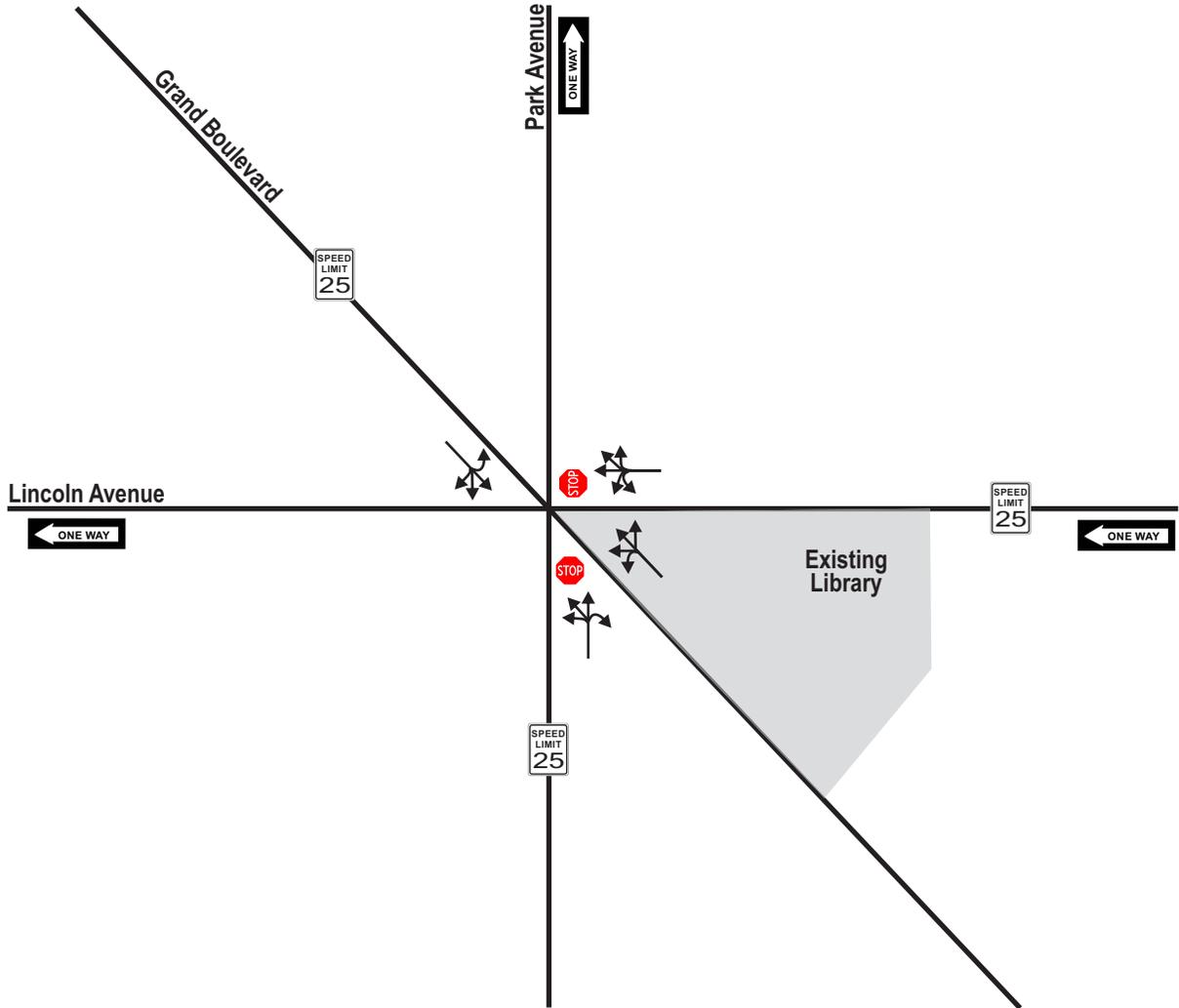
PART B – RECOMMENDATION/CONCLUSION

The existing geometrics and traffic control at the Grand Boulevard/Lincoln Avenue/Park Avenue intersection are expected to accommodate existing and future traffic growth from the Brookfield Public Library. The new library parking lot driveways are recommended to be constructed with single entry and exit lanes. No additional turning lanes are expected to be required on either Lincoln Avenue or Grand Boulevard at these parking lot driveways. The recommended geometrics for the Build condition are shown on Exhibit 4-1.



LEGEND

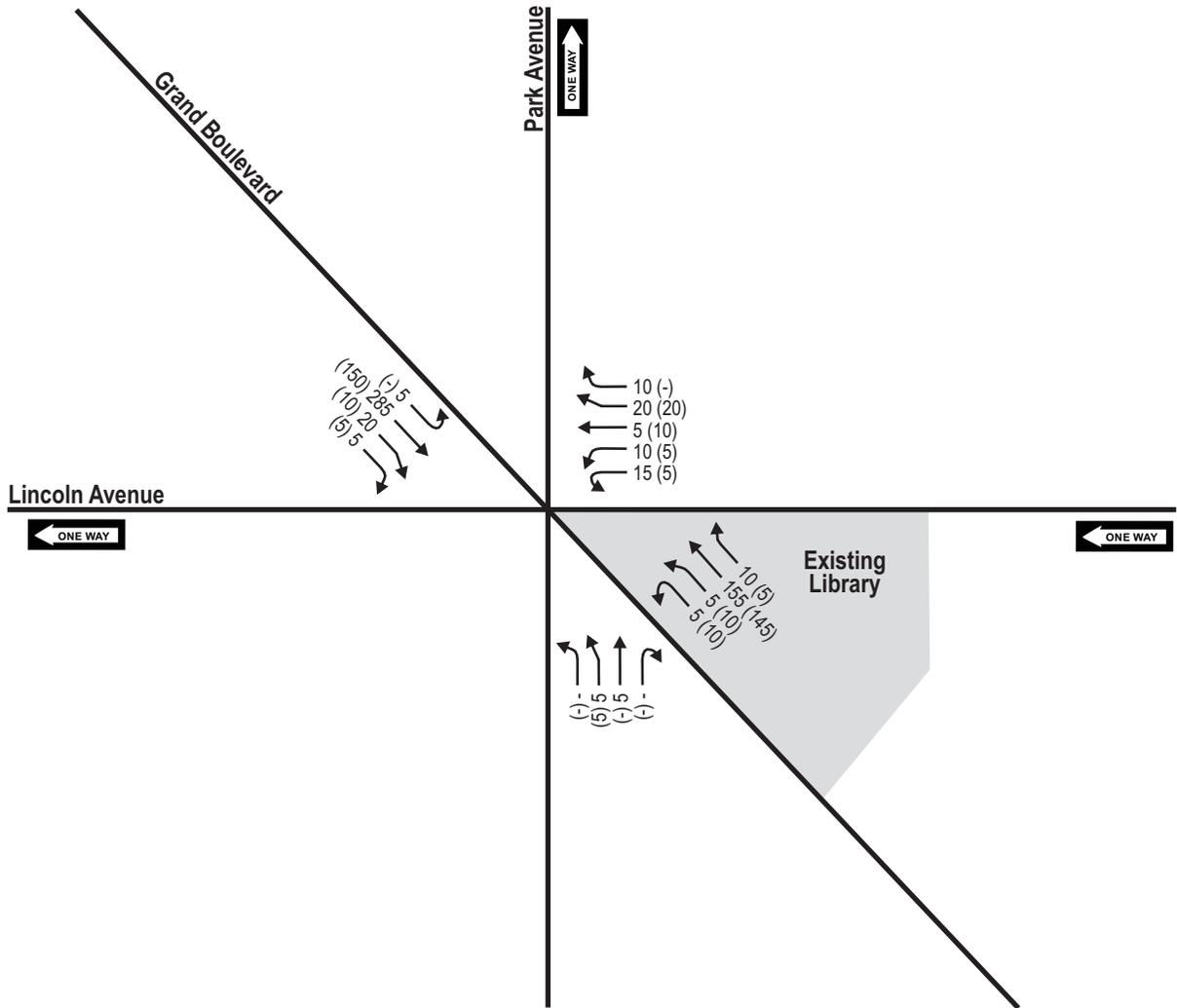
-  Stop Sign
-  Existing Lane Configuration



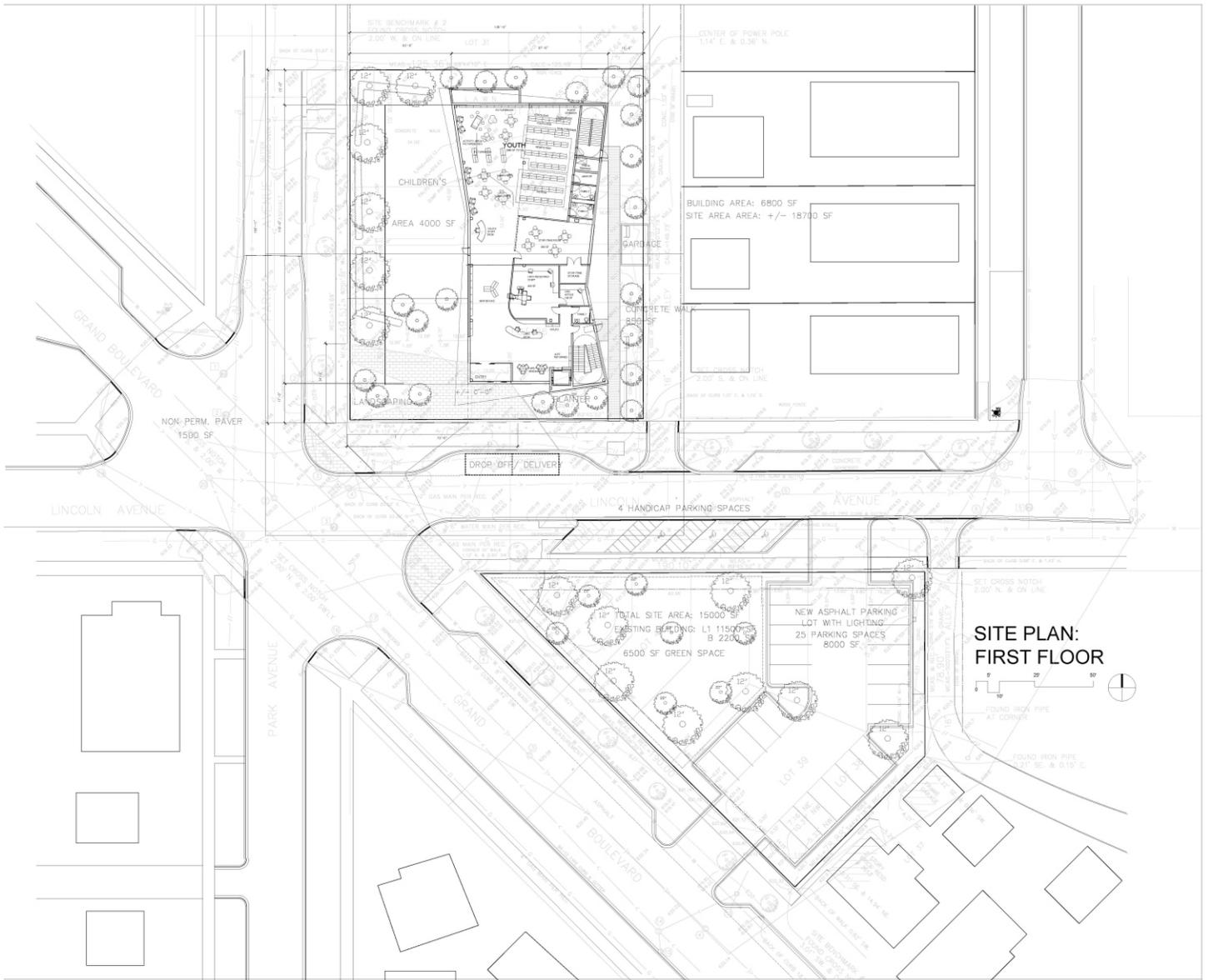
NOT TO SCALE

LEGEND

- XX Weekday PM Peak Hour (4:15-5:15 PM)
- (XX) Saturday Midday Peak Hour (11:30 AM -12:30 PM)
- Negligible Traffic Volumes (<3 Vehicles per Hour)



NOT TO SCALE



**SITE PLAN:
FIRST FLOOR**

**BROOKFIELD PUBLIC LIBRARY
NEW SITE PLAN**

product architecture + design
1-29-2019



NOT TO SCALE

On-Site Trip Generation Table - Net New Library Trips

Land Use	ITE Code	Proposed Size	Weekday Daily	PM Peak			SAT Peak		
				In	Out	Total	In	Out	Total
Library	590	7,674 Sq. Ft.	555 (72.05)	30 (48%)	35 (52%)	65 (8.16)	50 (53%)	45 (47%)	95 (12.60)
Total Net New Trips			555	30	35	65	50	45	95

Trip generation based on average rates published in the ITE Trip Generation Manual, 10th Edition.

AM trips were not generated since the Library does not open until 10:00 a.m. each weekday.

Library size is the net increase between the existing library (13,700 sf) and the proposed library (21,374 sf)

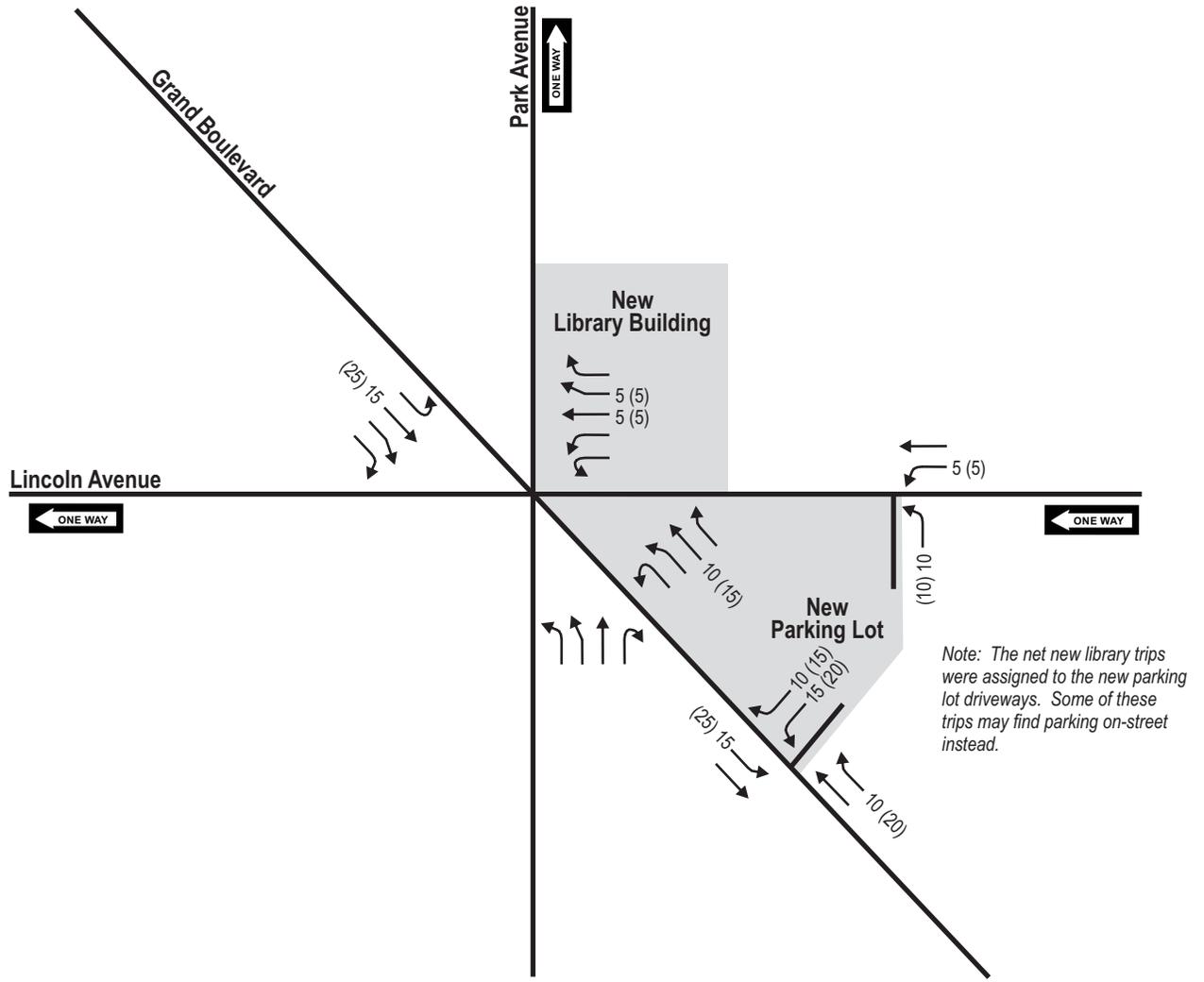
TRIP DISTRIBUTION

N. on Grand	45%	250	15	15	25	20
S. on Grand	45%	250	10	15	20	20
E. on Lincoln (WB only)	5%	30	5		5	
W. on Lincoln (WB only)		0		5		5
S. on Park	3%	15	0	0	0	0
N. on Park (NB only)	2%	10		0		0
	100%	555	30	35	50	45



LEGEND

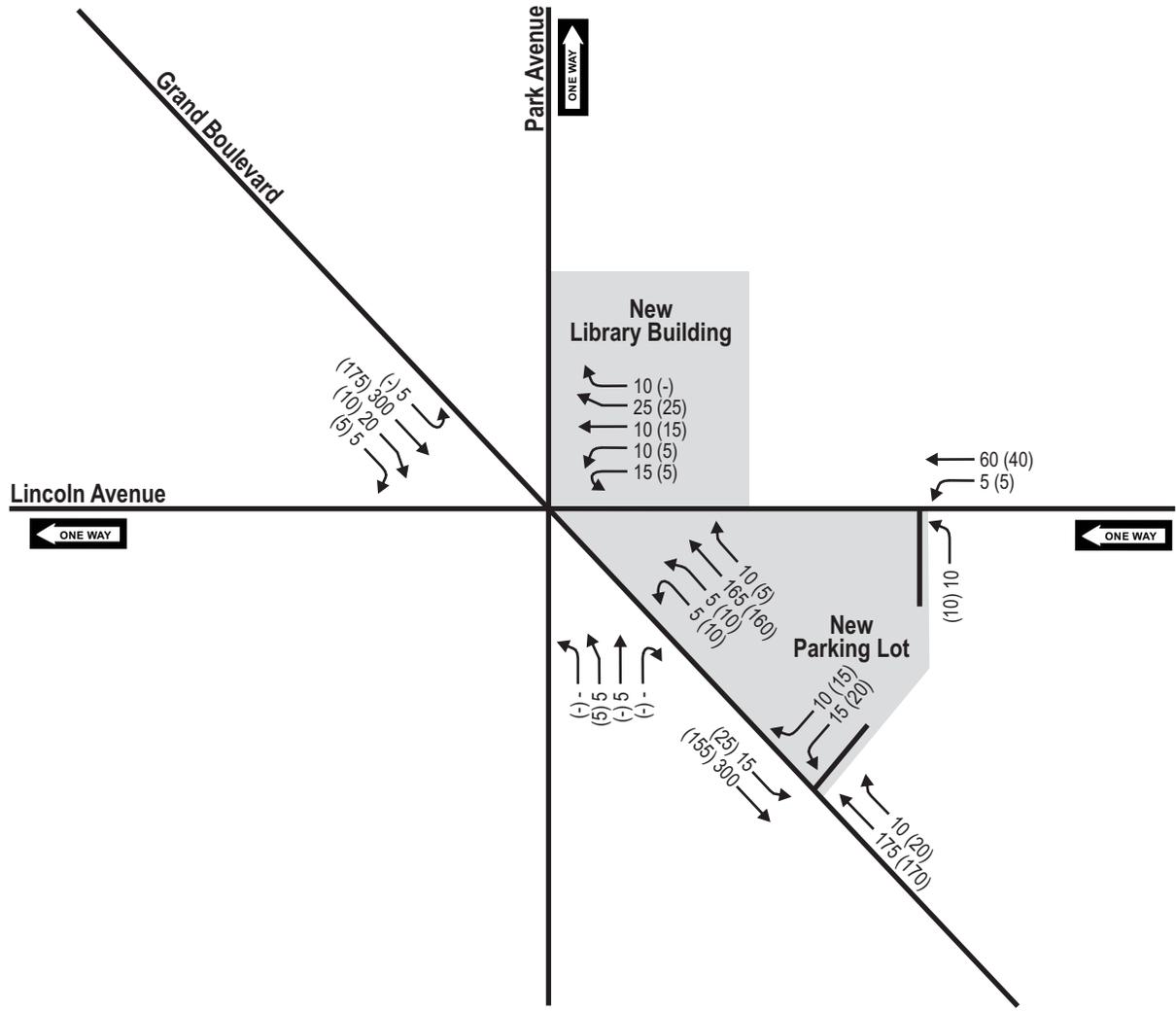
- XX Weekday PM Peak Hour (4:15-5:15 PM)
- (XX) Saturday Midday Peak Hour (11:30 AM -12:30 PM)
- Negligible Traffic Volumes (<3 Vehicles per Hour)



Note: The net new library trips were assigned to the new parking lot driveways. Some of these trips may find parking on-street instead.

LEGEND

- XX Weekday PM Peak Hour (4:15-5:15 PM)
- (XX) Saturday Midday Peak Hour (11:30 AM -12:30 PM)
- Negligible Traffic Volumes (<3 Vehicles per Hour)



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	PM	LOS	A			A			A			A		
		Queue	35			25			0			25		
	SAT	LOS	A			B			A			A		
		Queue	40			30			15			25		

(--) indicates a movement that is prohibited or does not exist; (*) indicates a freeflow movement.
 SimTraffic (average of 5 runs) was used to document LOS and queues for the six-leg intersection.

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) Stop Sign	PM	LOS	A			A			A			A		
		Queue	40			30			10			20		
	SAT	LOS	A			A			A			A		
		Queue	30			25			0			20		
Lincoln Avenue (WB) & Library Parking Lot Driveway (NB) Stop Sign	PM	LOS	A			A			-			-		
		Queue	0			0			-			-		
	SAT	LOS	A			A			-			-		
		Queue	0			0			-			-		
Grand Boulevard (SE & NW) & Library Parking Lot Driveway (WB) Stop Sign	PM	LOS	B			-			A			A		
		Queue	5			-			0			0		
	SAT	LOS	B			-			A			A		
		Queue	5			-			5			0		

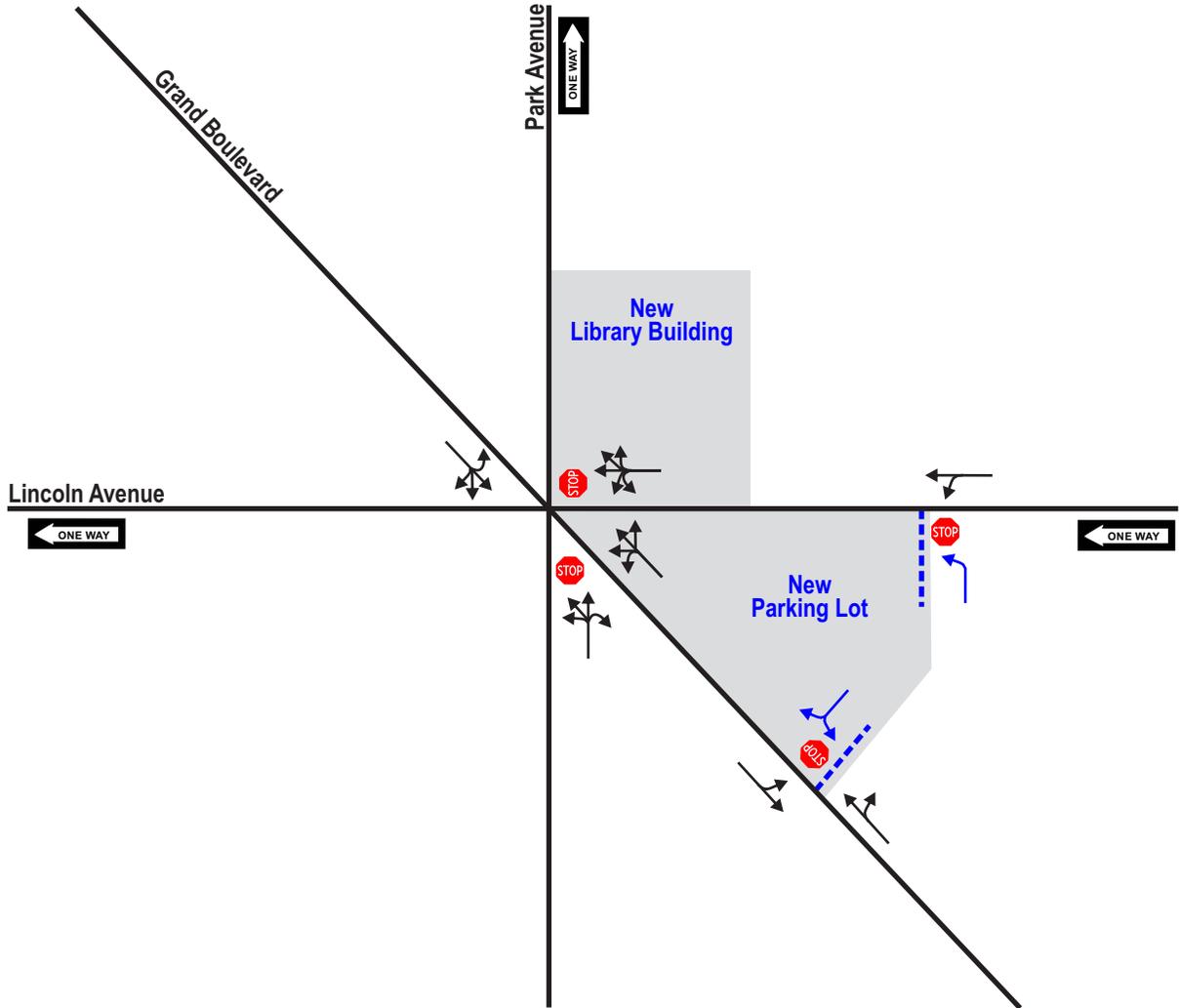
(--) indicates a movement that is prohibited or does not exist; (*) indicates a freeflow movement.
 SimTraffic (average of 5 runs) was used to document LOS and queues for the six-leg intersection.



LEGEND

-  Stop Sign
-  Existing Lane Configuration

Recommendations are shown in **BLUE**



NOT TO SCALE

APPENDIX A

Traffic Volumes

Intersection Traffic Volume Report

Count Basics		Version 2013.14.1		Page 1 of 13	
Start Date:	Tuesday, January 29, 2019	Weekday			
Total Number of Hours Counted:	2	Non-Holiday		No Special Events	

Base Information, Observed (2) Hour and Estimated (24) Hour Volume Summaries

Intersection of: **Lincoln Avenue and Grand Blvd**



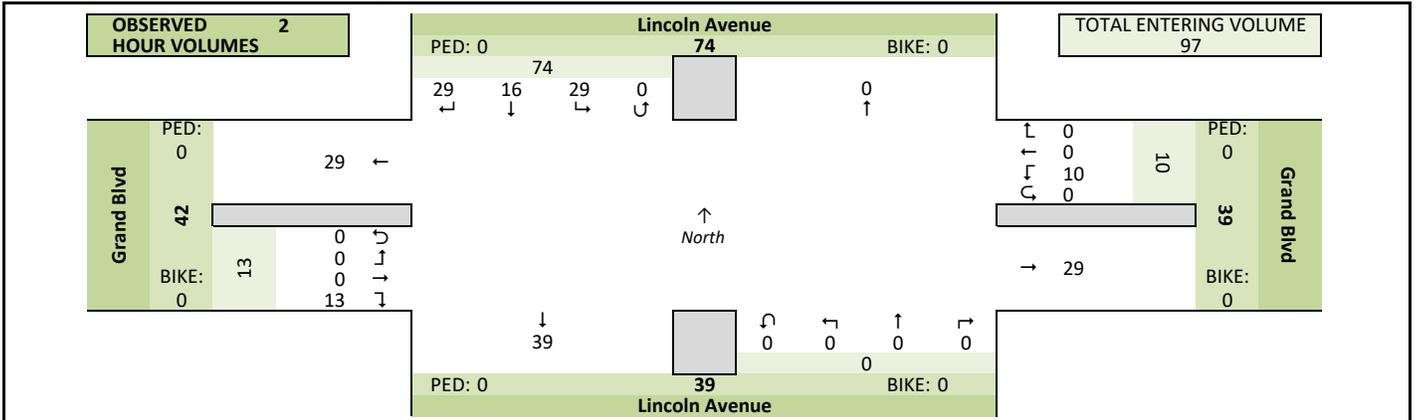
Site Information

Municipality	Brookfield
County	Cook
Traffic Control	Partial Stop Control
Roadway Names	North Direction ↑
North Leg	Lincoln Avenue
East Leg	Grand Blvd
South Leg	Lincoln Avenue
West Leg	Grand Blvd
Special Considerations	
Schools	Other
Holidays	None
Special Events	None
Special Pedestrians Observed	
Pre-school children	None
Elementary school age children	None
Visually impaired (white cane/helper dog)	None
Elderly/disabled (except wheelchairs)	None
Wheelchairs/electric scooters	None
Other (describe)	None

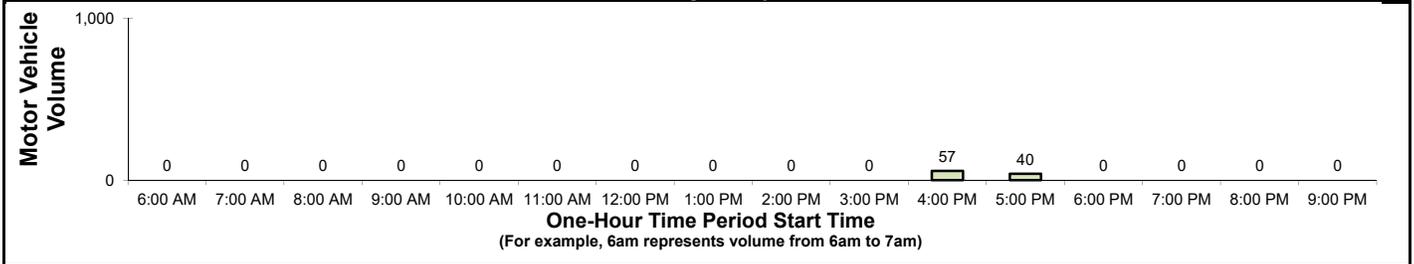
Count Information

Hrs Counted:	4:00 PM-6:00 PM		
1st Day of Count	Tuesday, January 29, 2019		
Weather	Clear & Dry		
AM Peak Period			
Midday Peak Period	Clear & Dry		
PM Peak Period	Tuesday, January 29, 2019		
Weather	Clear & Dry		
Calculated Peak Hours			
AM	MD	PM	4:00-5:00pm
Peak Hours Selected for Analysis			
AM	MD	PM	4:15-5:15pm
Daily/Seasonal Adjustment Group	(2) Urban Arterials & Collectors		
Count Expansion Group	(2) Urban Arterials & Collectors		
Daily/Seasonal Adjustment Factor	1.133		
Count Expansion Factor	1.000		
Company Name	TADI		
Manual Adj.	1.000		
Observers			
AM Peak Period			
Midday Peak Period			
PM Peak Period	Amy Scheuerlein		
Comments	2017 WisDOT Seasonal Factors; Used 1 as Expansion Factor NOTE: Schools were closed due to the cold temperatures		

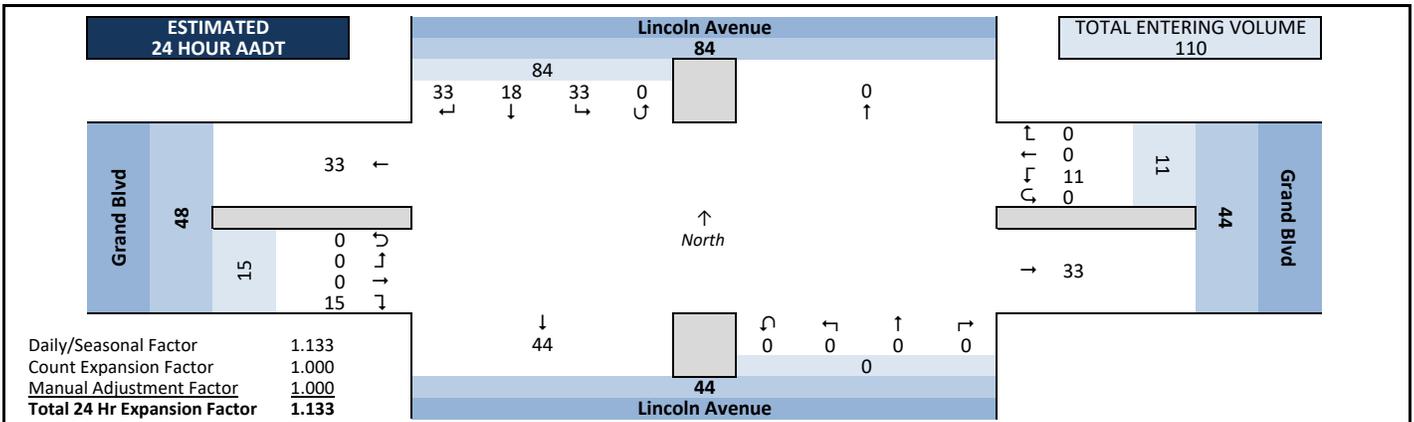
Observed 2 Hour Volume Summary



Total Entering Hourly Volume



Estimated 24 Hour AADT



Intersection Traffic Volume Report

15-Minute Motor Vehicle Data

Lincoln Avenue and Grand Blvd



15-Minute Motor Vehicle Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum	PHF	
	Lincoln Avenue					Grand Blvd					Lincoln Avenue					Grand Blvd								
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total				
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:00 PM	2	3	3	0	8	0	0	3	0	3	0	0	0	0	4	0	0	0	0	4	15	57	0.68	
4:15 PM	9	3	7	0	19	0	0	2	0	2	0	0	0	0	0	0	0	0	0	21	54	0.64		
4:30 PM	3	1	3	0	7	0	0	1	0	1	0	0	0	2	0	0	0	0	2	10	39	0.81		
4:45 PM	4	1	3	0	8	0	0	1	0	1	0	0	0	2	0	0	0	0	2	11	42	0.81		
5:00 PM	3	2	4	0	9	0	0	2	0	2	0	0	0	1	0	0	0	0	1	12	40	0.77		
5:15 PM	1	1	1	0	3	0	0	1	0	1	0	0	0	2	0	0	0	0	2	6				
5:30 PM	4	3	5	0	12	0	0	0	0	0	0	0	0	1	0	0	0	0	1	13				
5:45 PM	3	2	3	0	8	0	0	0	0	0	0	0	0	1	0	0	0	0	1	9				
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Totals	29	16	29	0	74	0	0	10	0	10	0	0	0	0	13	0	0	0	0	13	97			

Peak Hour All Vehicle Volume Summary

Hourly Time Period	From North					From East					From South					From West					Total Hourly Volume	PHF	
	Lincoln Avenue					Grand Blvd					Lincoln Avenue					Grand Blvd							
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MD 12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
PM 4:15 PM	19	7	17	0	43	0	0	6	0	6	0	0	0	0	5	0	0	0	0	5	54	0.64	

Intersection Traffic Volume Report

Count Basics		Version 2013.14.1	Page 1 of 13
Start Date:	Saturday, January 26, 2019	Weekend	Schools Not in Session
Total Number of Hours Counted:	2	Non-Holiday	No Special Events

Base Information, Observed (2) Hour and Estimated (24) Hour Volume Summaries

Intersection of: **Lincoln Avenue and Grand Blvd**



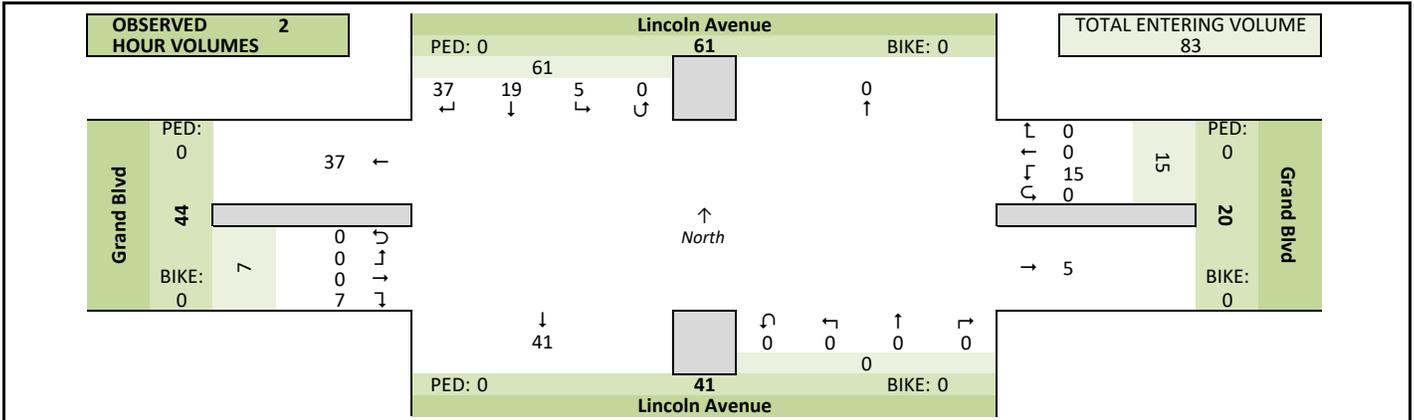
Site Information

Municipality	Brookfield
County	Cook
Traffic Control	Partial Stop Control
Roadway Names	North Direction ↑
North Leg	Lincoln Avenue
East Leg	Grand Blvd
South Leg	Lincoln Avenue
West Leg	Grand Blvd
Special Considerations	
Schools	Not in Session
Holidays	None
Special Events	None
Special Pedestrians Observed	
Pre-school children	None
Elementary school age children	None
Visually impaired (white cane/helper dog)	None
Elderly/disabled (except wheelchairs)	None
Wheelchairs/electric scooters	None
Other (describe)	None

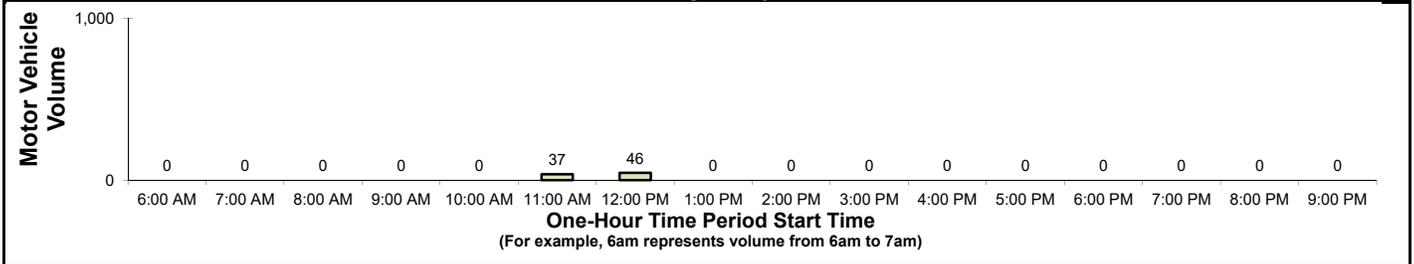
Count Information

Hrs Counted:	11:00 AM-1:00 PM		
1st Day of Count	Saturday, January 26, 2019		
Weather	Clear & Dry		
AM Peak Period	Clear & Dry		
Midday Peak Period	Saturday, January 26, 2019		
PM Peak Period	Clear & Dry		
Calculated Peak Hours			
AM	MD	11:30-12:30am	PM
Peak Hours Selected for Analysis			
AM	MD	11:30-12:30am	PM
Daily/Seasonal Adjustment Group	(2) Urban Arterials & Collectors		
Count Expansion Group	(2) Urban Arterials & Collectors		
Daily/Seasonal Adjustment Factor	1.329		
Count Expansion Factor	1.000		
Company Name	TADI		
Manual Adj.	1.000		
Observers			
AM Peak Period			
Midday Peak Period	Lori Atwell		
PM Peak Period			
Comments	2017 WisDOT Seasonal Factors; Used 1 as Expansion Factor		

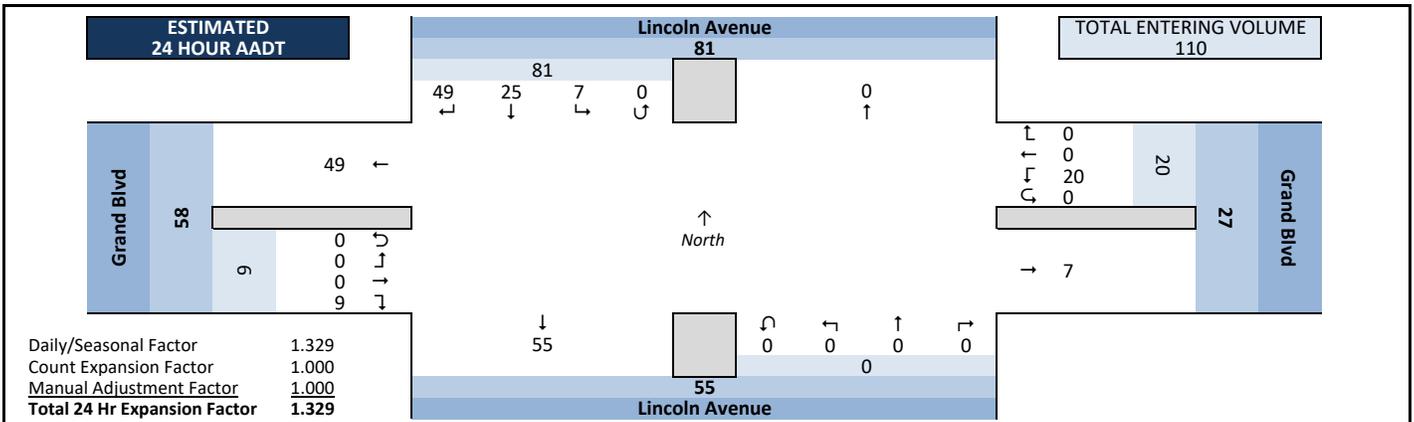
Observed 2 Hour Volume Summary



Total Entering Hourly Volume



Estimated 24 Hour AADT



Intersection Traffic Volume Report

Count Basics		Page 3 of 13	
Start Date:	Saturday, January 26, 2019	Weekend	Schools Not in Session
Total Number of Hours Counted:	2	Non-Holiday	No Special Events

Peak Hour Volume Summary

Lincoln Avenue and Grand Blvd



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 0, 1900		From North					From East					From South					From West					Totals					
		Lincoln Avenue					Grand Blvd					Lincoln Avenue					Grand Blvd										
AM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Saturday, January 0, 1900		From North					From East					From South					From West					Totals					
		Lincoln Avenue					Grand Blvd					Lincoln Avenue					Grand Blvd										
MD Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	11:30 AM	4	3	0	0	7	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	11:45 AM	5	1	0	0	6	0	0	2	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9
	12:00 PM	4	2	1	0	7	0	0	2	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	11
	12:15 PM	9	3	3	0	15	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	18
	Peak Hour Volume	22	9	4	0	35	0	0	8	0	8	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5	48
	Rounded Hourly Volume	20	10	5	0	35	0	0	10	0	10	0	0	0	0	0	0	5	0	0	0	0	0	0	0	5	50
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.61	0.75	0.33	0.00	0.58	0.00	0.00	0.67	0.00	0.67	0.00	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.62	0.67

Saturday, January 0, 1900		From North					From East					From South					From West					Totals					
		Lincoln Avenue					Grand Blvd					Lincoln Avenue					Grand Blvd										
PM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike Volume
		Lincoln Avenue			Grand Blvd			Lincoln Avenue			Grand Blvd			
15-Minute Start Time		Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

Count Basics		Version 2013.14.1		Page 1 of 13	
Start Date:	Tuesday, January 29, 2019	Weekday			
Total Number of Hours Counted:	2	Non-Holiday		No Special Events	

Base Information, Observed (2) Hour and Estimated (24) Hour Volume Summaries

Intersection of: **Park Avenue and Grand Blvd**



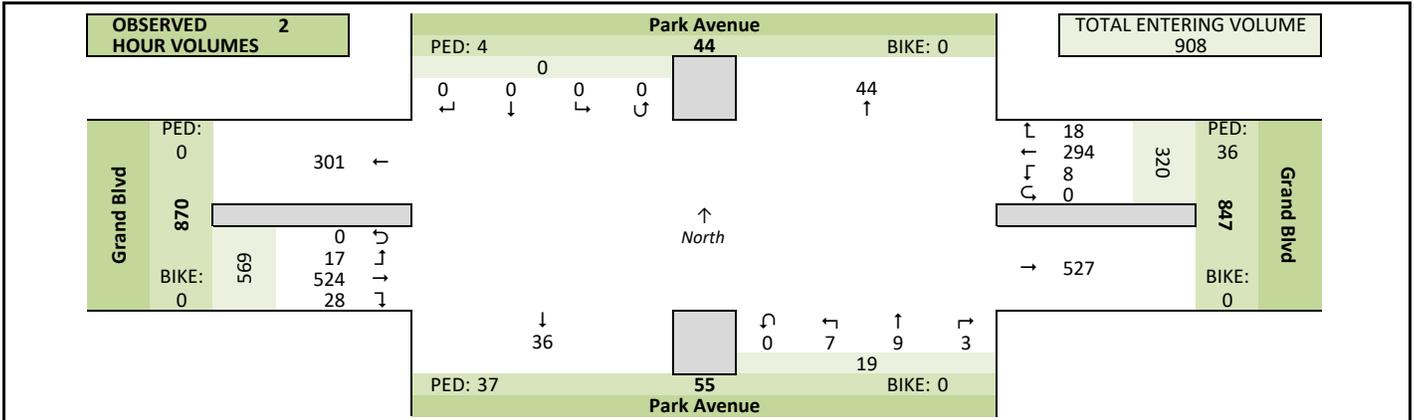
Site Information

Municipality	Brookfield
County	Cook
Traffic Control	Partial Stop Control
Roadway Names	North Direction ↑
North Leg	Park Avenue
East Leg	Grand Blvd
South Leg	Park Avenue
West Leg	Grand Blvd
Special Considerations	
Schools	Other
Holidays	None
Special Events	None
Special Pedestrians Observed	
Pre-school children	None
Elementary school age children	None
Visually impaired (white cane/helper dog)	None
Elderly/disabled (except wheelchairs)	None
Wheelchairs/electric scooters	None
Other (describe)	None

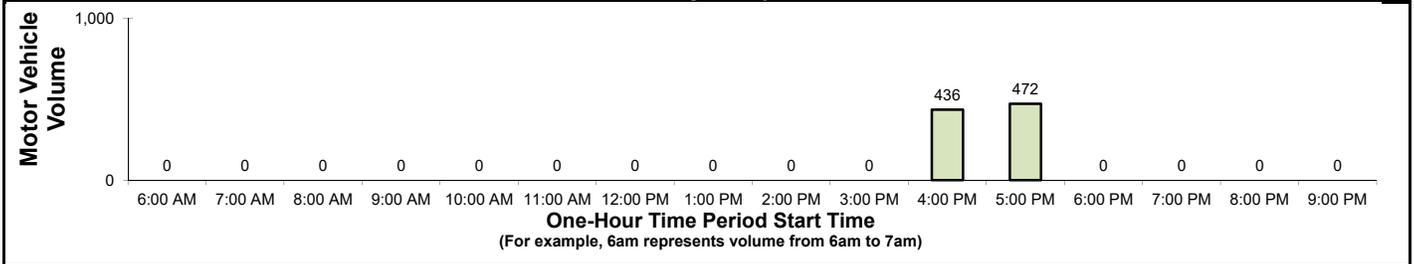
Count Information

Hrs Counted:	4:00 PM-6:00 PM
1st Day of Count	Tuesday, January 29, 2019
Weather	Clear & Dry
AM Peak Period	
Midday Peak Period	
PM Peak Period	Tuesday, January 29, 2019
Calculated Peak Hours	AM MD PM 4:45-5:45pm
Peak Hours Selected for Analysis	AM MD PM 4:15-5:15pm
Daily/Seasonal Adjustment Group	(2) Urban Arterials & Collectors
Count Expansion Group	(2) Urban Arterials & Collectors
Daily/Seasonal Adjustment Factor	1.133
Count Expansion Factor	1.000
Company Name	TADI
Manual Adj.	1.000
Observers	AM Peak Period Midday Peak Period PM Peak Period: Amy Scheuerlein
Comments	2017 WisDOT Seasonal Factors; Used 1 as Expansion Factor NOTE: Schools were closed due to the cold temperatures

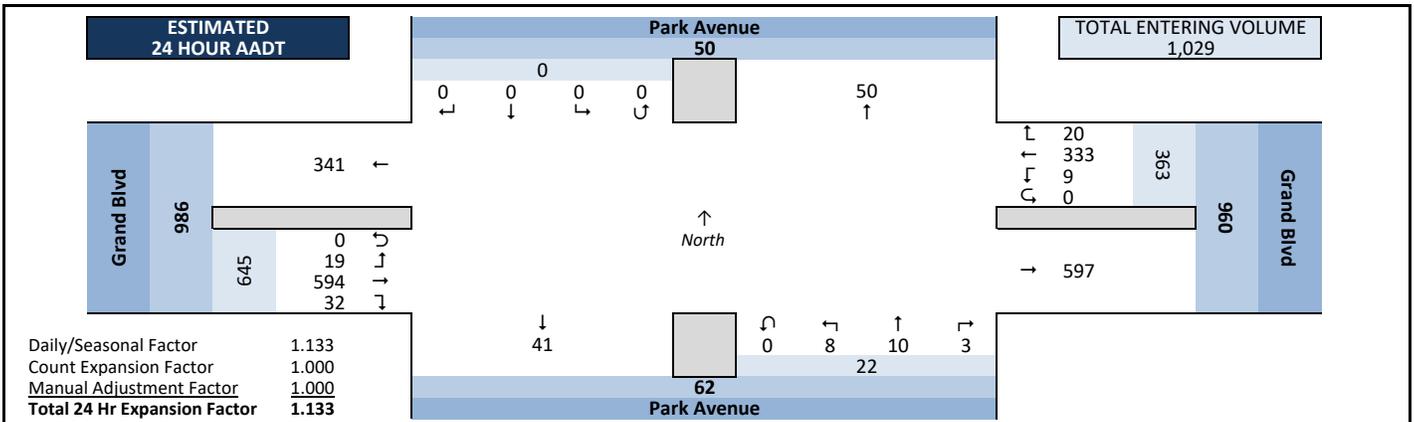
Observed 2 Hour Volume Summary



Total Entering Hourly Volume



Estimated 24 Hour AADT



Daily/Seasonal Factor	1.133
Count Expansion Factor	1.000
Manual Adjustment Factor	1.000
Total 24 Hr Expansion Factor	1.133

Intersection Traffic Volume Report

Count Basics		<i>Page 3 of 13</i>	
Start Date:	Tuesday, January 29, 2019	Weekday	
Total Number of Hours Counted:	2	Non-Holiday	No Special Events

Peak Hour Volume Summary

Park Avenue and Grand Blvd



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 0, 1900		From North Park Avenue					From East Grand Blvd					From South Park Avenue					From West Grand Blvd					Totals		
AM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
		8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

N/A		From North Park Avenue					From East Grand Blvd					From South Park Avenue					From West Grand Blvd					Totals			
Midday (MD) Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total				
		12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Tuesday, January 29, 2019		From North Park Avenue					From East Grand Blvd					From South Park Avenue					From West Grand Blvd					Totals		
PM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
		4:15 PM	0	0	0	0	0	0	7	33	1	0	41	0	1	3	0	4	2	66	0		0	68
4:30 PM	0	0	0	0	0	0	0	42	1	0	43	0	1	1	0	2	7	67	3	0	77	122		
4:45 PM	0	0	0	0	0	0	3	35	0	0	38	0	2	0	0	2	7	75	2	0	84	124		
5:00 PM	0	0	0	0	0	0	1	44	3	0	48	0	2	1	0	3	2	76	0	0	78	129		
Peak Hour Volume	0	0	0	0	0	0	11	154	5	0	170	0	6	5	0	11	18	284	5	0	307	488		
Rounded Hourly Volume	0	0	0	0	0	0	10	155	5	0	170	0	5	5	0	10	20	285	5	0	310	490		
% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.3	0.4			
% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.3	0.4			
Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.87	0.42	0.00	0.89	0.00	0.75	0.42	0.00	0.69	0.64	0.93	0.42	0.00	0.91	0.95		

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach Park Avenue			Crossing East Approach Grand Blvd			Crossing South Approach Park Avenue			Crossing West Approach Grand Blvd			Total Ped & Bike Volume
15-Minute Start Time		Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
		AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0		0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0		0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0		0	0	0	0	0	0	0	0	0	0	0	0
Total	0		0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:15 PM	2	0	2	11	0	11	7	0	7	0	0	0	20
	4:30 PM	0	0	0	5	0	5	4	0	4	0	0	0	9
	4:45 PM	0	0	0	5	0	5	9	0	9	0	0	0	14
	5:00 PM	2	0	2	7	0	7	9	0	9	0	0	0	18
	Total	4	0	4	28	0	28	29	0	29	0	0	0	61

Intersection Traffic Volume Report

15-Minute Motor Vehicle Data

Park Avenue and Grand Blvd



15-Minute Motor Vehicle Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum	PHF	
	Park Avenue					Grand Blvd					Park Avenue					Grand Blvd								
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total				
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:00 PM	0	0	0	0	0	2	23	0	0	25	1	0	0	0	1	1	48	2	0	51	77	436	0.88	
4:15 PM	0	0	0	0	7	33	1	0	41	0	1	3	0	4	2	66	0	0	68	113	488	0.95		
4:30 PM	0	0	0	0	0	42	1	0	43	0	1	1	0	2	7	67	3	0	77	122	490	0.95		
4:45 PM	0	0	0	0	3	35	0	0	38	0	2	0	0	2	7	75	2	0	84	124	492	0.95		
5:00 PM	0	0	0	0	1	44	3	0	48	0	2	1	0	3	2	76	0	0	78	129	472	0.91		
5:15 PM	0	0	0	0	2	45	1	0	48	1	1	0	0	2	4	57	4	0	65	115				
5:30 PM	0	0	0	0	1	41	2	0	44	1	2	1	0	4	3	70	3	0	76	124				
5:45 PM	0	0	0	0	2	31	0	0	33	0	0	1	0	1	2	65	3	0	70	104				
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Totals	0	0	0	0	0	18	294	8	0	320	3	9	7	0	19	28	524	17	0	569	908			

Peak Hour All Vehicle Volume Summary

Hourly Time Period	From North					From East					From South					From West					Total Hourly Volume	PHF	
	Park Avenue					Grand Blvd					Park Avenue					Grand Blvd							
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MD 12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PM 4:15 PM	0	0	0	0	0	11	154	5	0	170	0	6	5	0	11	18	284	5	0	307	488	0.95	

Intersection Traffic Volume Report

Count Basics		<i>Page 9 of 13</i>	
Start Date:	Tuesday, January 29, 2019	Weekday	
Total Number of Hours Counted:	2	Non-Holiday	No Special Events

15-Minute Heavy Vehicle Data

Park Avenue and Grand Blvd



15-Minute Heavy Vehicle Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum	
	Park Avenue					Grand Blvd					Park Avenue					Grand Blvd							
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	3
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	2
4:45 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	1	0	0	1	1	4	4
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	2	0	0	2	2	7	7

Peak Hour Heavy Vehicle Volume Summary

Hourly Time Period	From North					From East					From South					From West					Total Hourly Volume		
	Park Avenue					Grand Blvd					Park Avenue					Grand Blvd							
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total			
AM 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD 12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PM 4:15 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	1	2	2

Intersection Traffic Volume Report

Count Basics		Version 2013.14.1		Page 1 of 13	
Start Date:	Saturday, January 26, 2019	Weekend	Schools Not in Session		
Total Number of Hours Counted:	2	Non-Holiday	No Special Events		

Base Information, Observed (2) Hour and Estimated (24) Hour Volume Summaries

Intersection of: **Park Avenue and Grand Blvd**



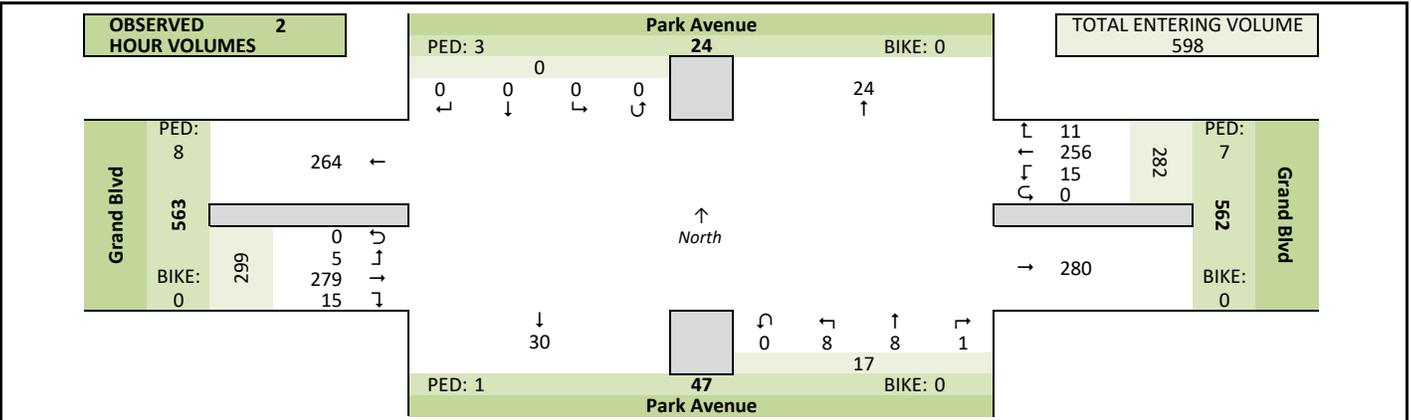
Site Information

Municipality	Brookfield
County	Cook
Traffic Control	Partial Stop Control
Roadway Names	North Direction ↑
North Leg	Park Avenue
East Leg	Grand Blvd
South Leg	Park Avenue
West Leg	Grand Blvd
Special Considerations	
Schools	Not in Session
Holidays	None
Special Events	None
Special Pedestrians Observed	
Pre-school children	None
Elementary school age children	None
Visually impaired (white cane/helper dog)	None
Elderly/disabled (except wheelchairs)	None
Wheelchairs/electric scooters	None
Other (describe)	None

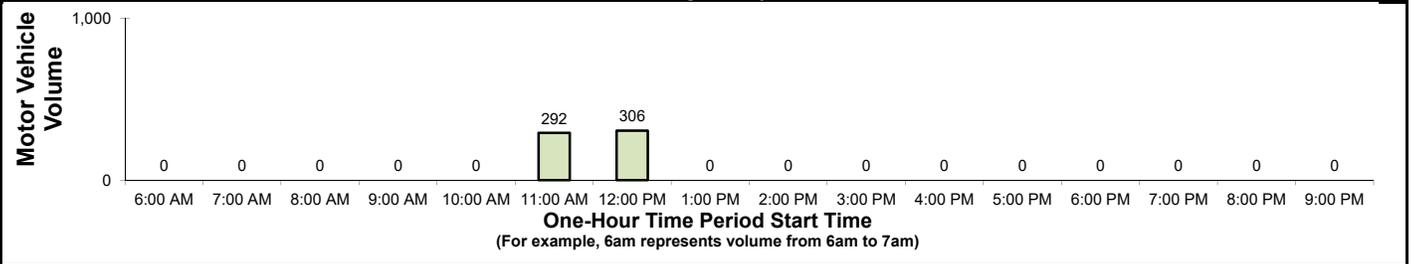
Count Information

Hrs Counted:	11:00 AM-1:00 PM			
1st Day of Count	Saturday, January 26, 2019	Weather	Clear & Dry	
AM Peak Period		Clear & Dry		
Midday Peak Period	Saturday, January 26, 2019	Clear & Dry		
PM Peak Period		Clear & Dry		
Calculated Peak Hours				
	AM	MD	11:30-12:30am	PM
Peak Hours Selected for Analysis				
	AM	MD	11:30-12:30am	PM
Daily/Seasonal Adjustment Group	(2) Urban Arterials & Collectors			
Count Expansion Group	(2) Urban Arterials & Collectors			
Daily/Seasonal Adjustment Factor	1.329	Count Expansion Factor	1.000	
Company Name	TADI	Manual Adj.	1.000	
Observers	AM Peak Period			
	Midday Peak Period	Lori Atwell		
	PM Peak Period			
Comments	2017 WisDOT Seasonal Factors; Used 1 as Expansion Factor			

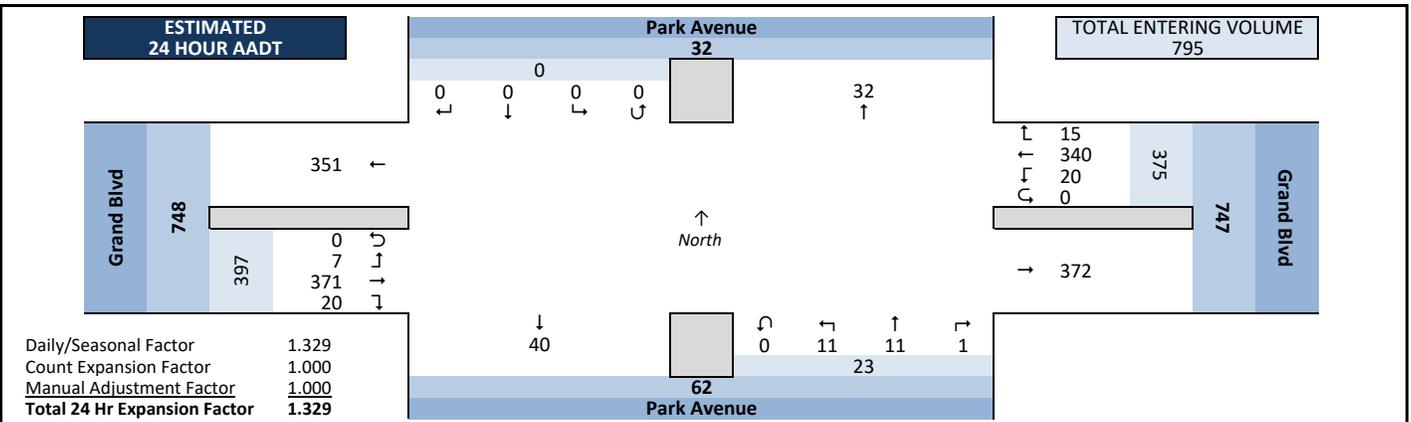
Observed 2 Hour Volume Summary



Total Entering Hourly Volume



Estimated 24 Hour AADT



Intersection Traffic Volume Report

15-Minute Motor Vehicle Data

Park Avenue and Grand Blvd



15-Minute Motor Vehicle Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum	PHF			
	Park Avenue					Grand Blvd					Park Avenue					Grand Blvd										
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:00 AM	0	0	0	0	0	1	29	4	0	34	0	1	1	0	2	2	32	1	0	35	71		292	0.90		
11:15 AM	0	0	0	0	0	1	35	1	0	37	0	3	0	0	3	1	23	1	0	25	65		314	0.84		
11:30 AM	0	0	0	0	0	0	36	3	0	39	1	0	0	0	1	1	34	0	0	35	75		327	0.88		
11:45 AM	0	0	0	0	0	0	36	2	0	38	0	1	1	0	2	3	37	1	0	41	81		316	0.85		
12:00 PM	0	0	0	0	0	2	37	2	0	41	0	0	3	0	3	2	47	0	0	49	93		306	0.82		
12:15 PM	0	0	0	0	0	4	34	1	0	39	0	0	3	0	3	2	34	0	0	36	78					
12:30 PM	0	0	0	0	0	3	21	1	0	25	0	2	0	0	2	1	34	2	0	37	64					
12:45 PM	0	0	0	0	0	0	28	1	0	29	0	1	0	0	1	3	38	0	0	41	71					
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Totals	0	0	0	0	0	11	256	15	0	282	1	8	8	0	17	15	279	5	0	299	598					

Peak Hour All Vehicle Volume Summary

Hourly Time Period	From North					From East					From South					From West					Total Hourly Volume	PHF					
	Park Avenue					Grand Blvd					Park Avenue					Grand Blvd											
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total							
AM 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MD 11:30 AM	0	0	0	0	0	6	143	8	0	157	1	1	7	0	9	8	152	1	0	161	327		0.88				
PM 4:00 PM	0	0	0	0	0	0	0	0	0	0	0</																

Intersection Traffic Volume Report

Count Basics		Version 2013.14.1		Page 1 of 13	
Start Date:	Tuesday, January 29, 2019	Weekday			
Total Number of Hours Counted:	2	Non-Holiday		No Special Events	

Base Information, Observed (2) Hour and Estimated (24) Hour Volume Summaries

Intersection of: **Park Avenue and Lincoln Avenue**



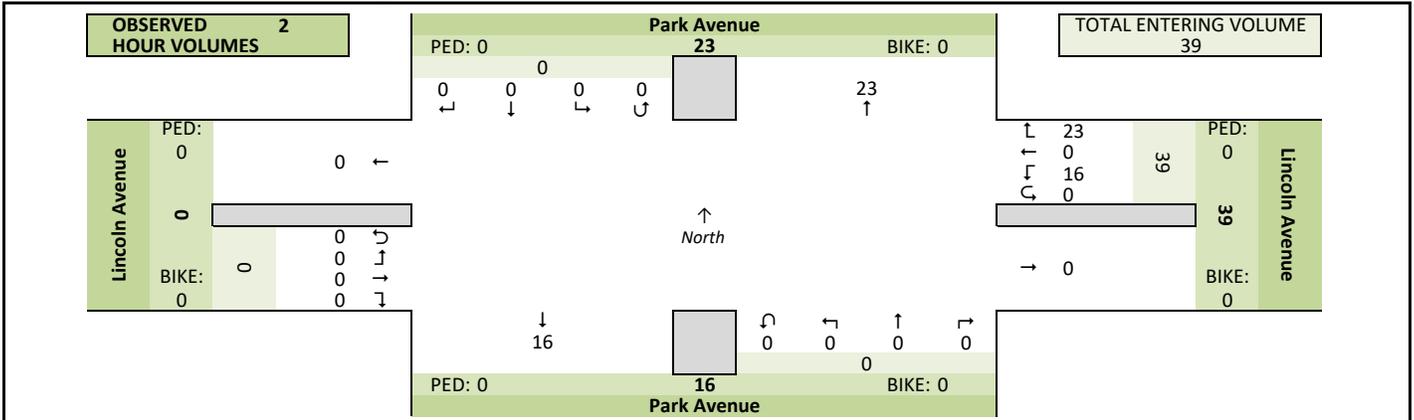
Site Information

Municipality	Brookfield
County	Cook
Traffic Control	Partial Stop Control
Roadway Names	North Direction ↑
North Leg	Park Avenue
East Leg	Lincoln Avenue
South Leg	Park Avenue
West Leg	Lincoln Avenue
Special Considerations	
Schools	Other
Holidays	None
Special Events	None
Special Pedestrians Observed	
Pre-school children	None
Elementary school age children	None
Visually impaired (white cane/helper dog)	None
Elderly/disabled (except wheelchairs)	None
Wheelchairs/electric scooters	None
Other (describe)	None

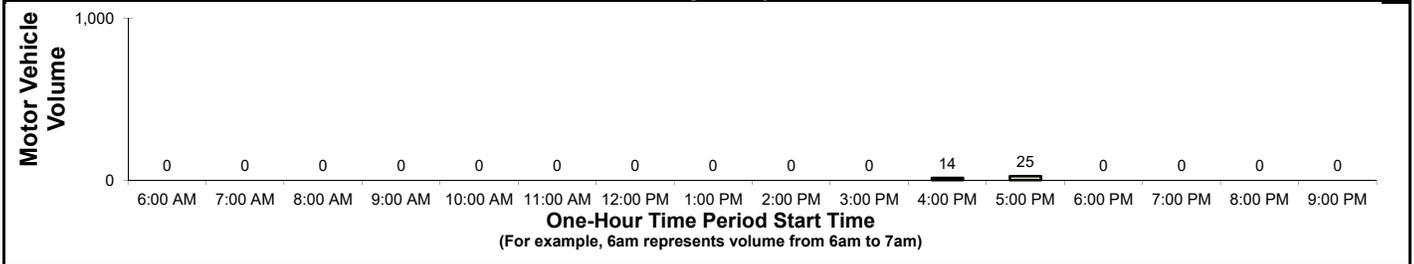
Count Information

Hrs Counted:	4:00 PM-6:00 PM		
1st Day of Count	Tuesday, January 29, 2019		
Weather	Clear & Dry		
AM Peak Period			
Midday Peak Period	Clear & Dry		
PM Peak Period	Tuesday, January 29, 2019		
Weather	Clear & Dry		
Calculated Peak Hours			
AM	MD	PM	5:00-6:00pm
Peak Hours Selected for Analysis			
AM	MD	PM	4:15-5:15pm
Daily/Seasonal Adjustment Group	(2) Urban Arterials & Collectors		
Count Expansion Group	(2) Urban Arterials & Collectors		
Daily/Seasonal Adjustment Factor	1.133	Count Expansion Factor	1.000
Company Name	TADI	Manual Adj.	1.000
Observers	AM Peak Period		
	Midday Peak Period		
	PM Peak Period	Amy Scheuerlein	
Comments	2017 WisDOT Seasonal Factors; Used 1 as Expansion Factor NOTE: Schools were closed due to the cold temperatures		

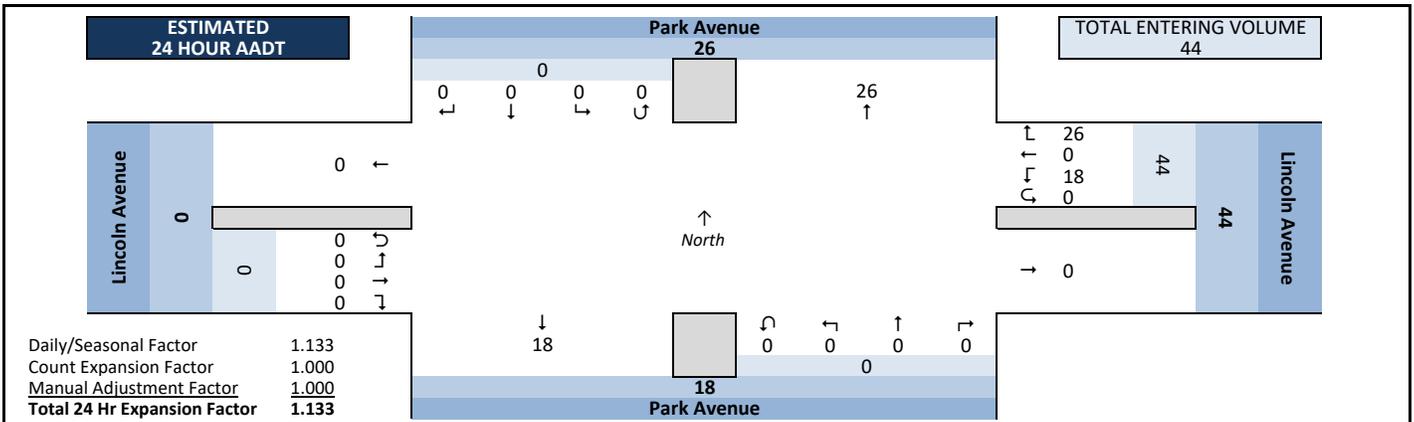
Observed 2 Hour Volume Summary



Total Entering Hourly Volume



Estimated 24 Hour AADT



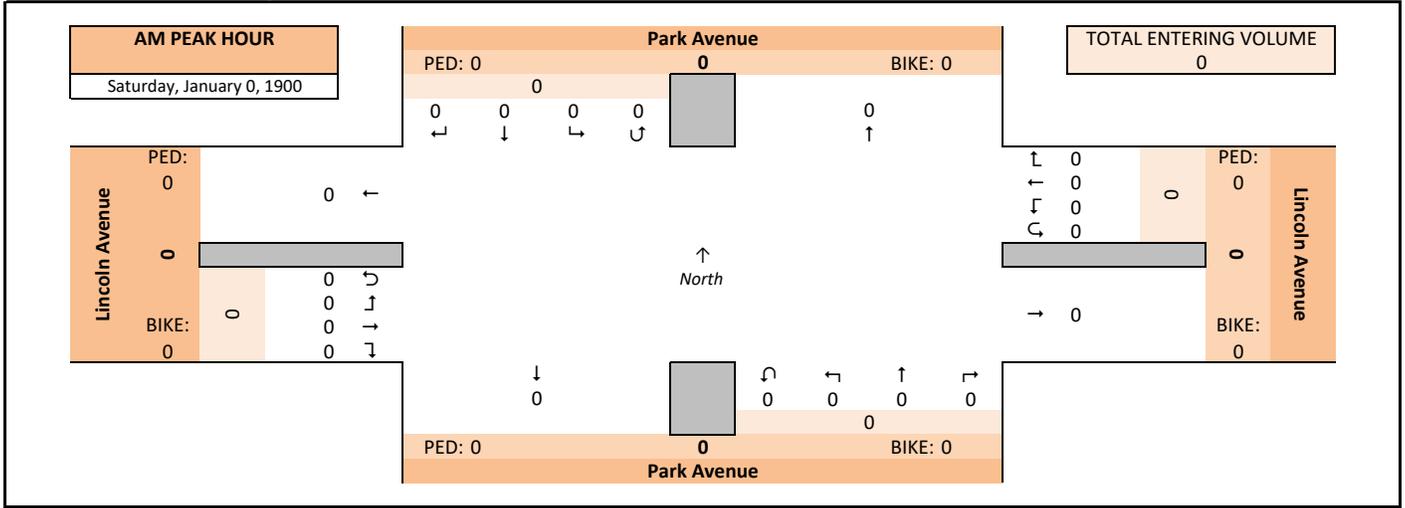
Intersection Traffic Volume Report

Peak Hour Volume Graphical Summary

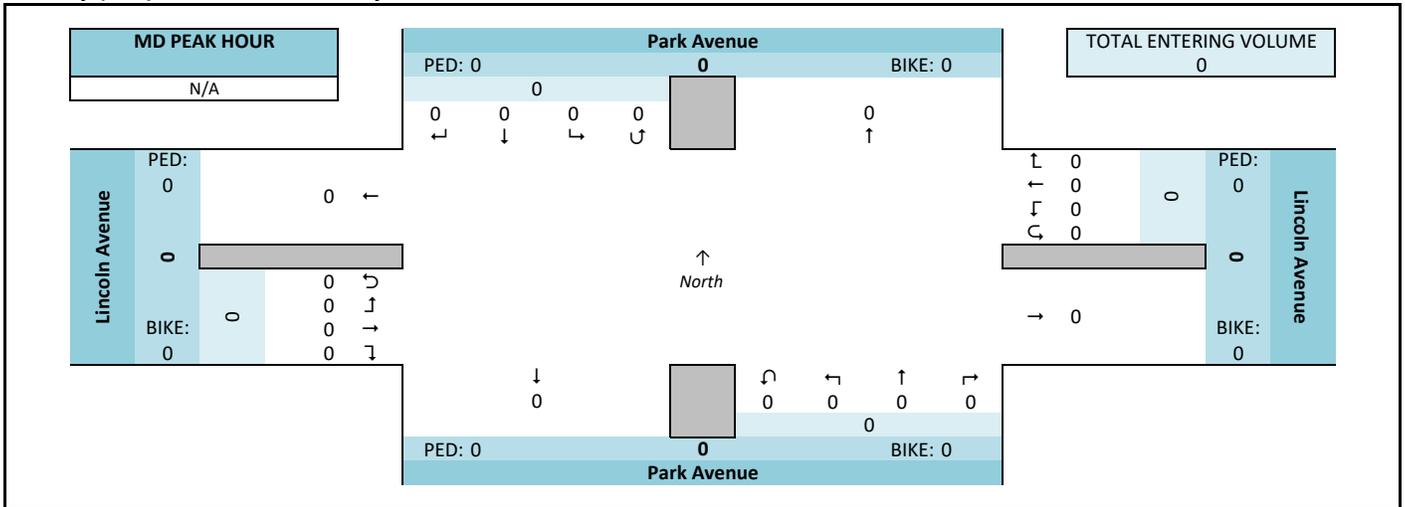
Park Avenue and Lincoln Avenue



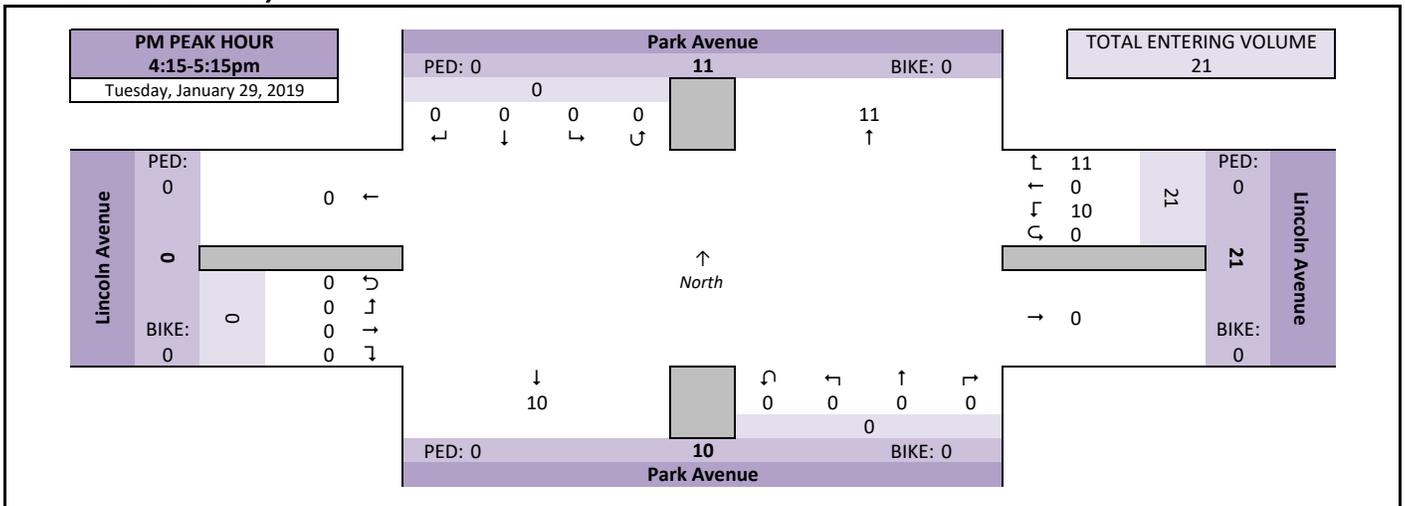
AM Peak Hour Summary



Midday (MD) Peak Hour Summary



PM Peak Hour Summary



Intersection Traffic Volume Report

Peak Hour Volume Summary

Park Avenue and Lincoln Avenue



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 0, 1900		From North					From East					From South					From West					Totals					
		Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
AM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

N/A		From North					From East					From South					From West					Totals					
		Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
MD Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Tuesday, January 29, 2019		From North					From East					From South					From West					Totals					
		Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
PM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	4:15 PM	0	0	0	0	0	1	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	4:30 PM	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
	4:45 PM	0	0	0	0	0	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	5:00 PM	0	0	0	0	0	5	0	4	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
	Peak Hour Volume	0	0	0	0	0	11	0	10	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
	Rounded Hourly Volume	0	0	0	0	0	10	0	10	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.55	0.00	0.62	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike Volume
		Park Avenue			Lincoln Avenue			Park Avenue			Lincoln Avenue			
15-Minute Start Time		Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

15-Minute Motor Vehicle Data

Park Avenue and Lincoln Avenue



15-Minute Motor Vehicle Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum	PHF			
	Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
AM Peak Period																										
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Midday Peak Period																										
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PM Peak Period																										
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4:00 PM	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14	0.70
4:15 PM	0	0	0	0	0	1	0	4	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	21	0.58	
4:30 PM	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4	22	0.61	
4:45 PM	0	0	0	0	0	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	24	0.67	
5:00 PM	0	0	0	0	0	5	0	4	0	9	0	0	0	0	0	0	0	0	0	0	0	0	9	25	0.69	
5:15 PM	0	0	0	0	0	5	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6			
5:30 PM	0	0	0	0	0	3	0	3	0	6	0	0	0	0	0	0	0	0	0	0	0	0	6			
5:45 PM	0	0	0	0	0	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4			
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Totals	0	0	0	0	0	23	0	16	0	39	0	0	0	0	0	0	0	0	0	0	0	0	39			

Peak Hour All Vehicle Volume Summary

Hourly Time Period	From North					From East					From South					From West					Total Hourly Volume	PHF				
	Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
AM 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
MD 12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PM 4:15 PM	0	0	0	0	0	11	0	10	0	21	0	0	0	0	0	0	0	0	0	0	0	0	21	0.58		

Intersection Traffic Volume Report

Count Basics		Version 2013.14.1		Page 1 of 13	
Start Date:	Friday, January 26, 2018	Weekday	Schools Not in Session		
Total Number of Hours Counted:	1.75	Non-Holiday	No Special Events		

Base Information, Observed (1.75) Hour and Estimated (24) Hour Volume Summaries

Intersection of: **Park Avenue and Lincoln Avenue**



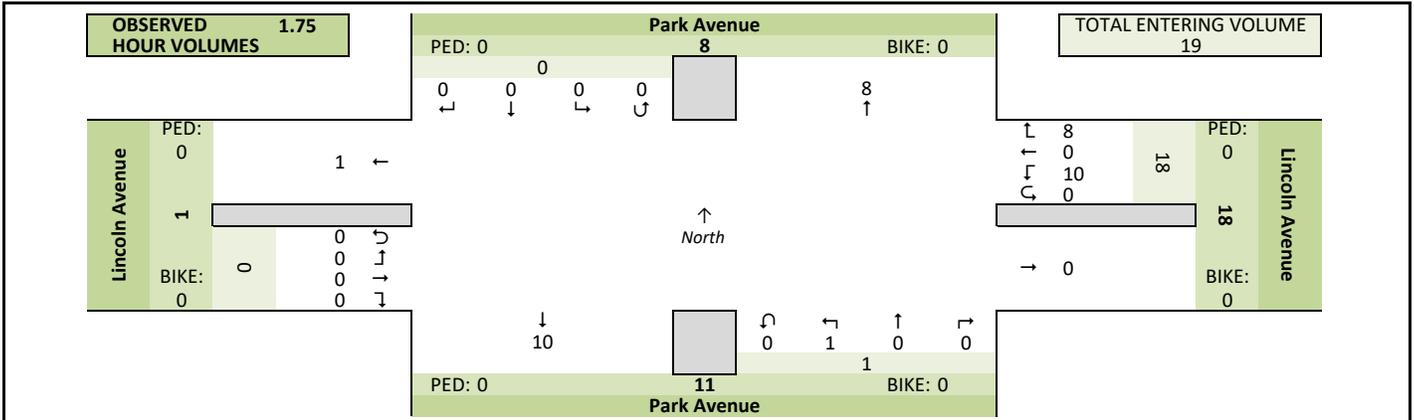
Site Information

Municipality	Brookfield
County	Cook
Traffic Control	Partial Stop Control
Roadway Names	North Direction ↑
North Leg	Park Avenue
East Leg	Lincoln Avenue
South Leg	Park Avenue
West Leg	Lincoln Avenue
Special Considerations	
Schools	Not in Session
Holidays	None
Special Events	None
Special Pedestrians Observed	
Pre-school children	None
Elementary school age children	None
Visually impaired (white cane/helper dog)	None
Elderly/disabled (except wheelchairs)	None
Wheelchairs/electric scooters	None
Other (describe)	None/None

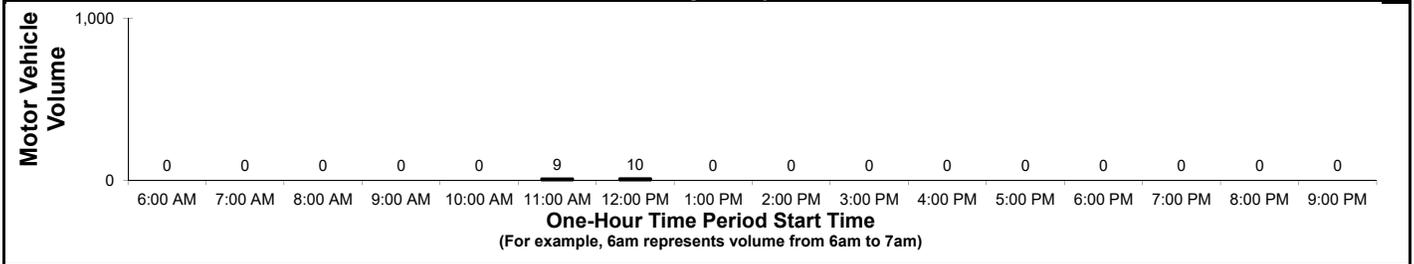
Count Information

Hrs Counted:	11:00 AM-11:15 AM and 11:30 AM-1:00 PM		
1st Day of Count	Friday, January 26, 2018	Weather	
AM Peak Period		Clear & Dry	
Midday Peak Period	Friday, January 26, 2018	Clear & Dry	
PM Peak Period		Clear & Dry	
Calculated Peak Hours	AM	MD 12:00-1:00pm	PM
Peak Hours Selected for Analysis	AM	MD 11:30-12:30am	PM
Daily/Seasonal Adjustment Group	(2) Urban Arterials & Collectors		
Count Expansion Group	(2) Urban Arterials & Collectors		
Daily/Seasonal Adjustment Factor	0.966	Count Expansion Factor	1.000
Company Name	TADI	Manual Adj.	1.000
Observers	AM Peak Period		
	Midday Peak Period	Lori Atwell	
	PM Peak Period		
Comments	2017 WisDOT Seasonal Factors; Used 1 as Expansion Factor		

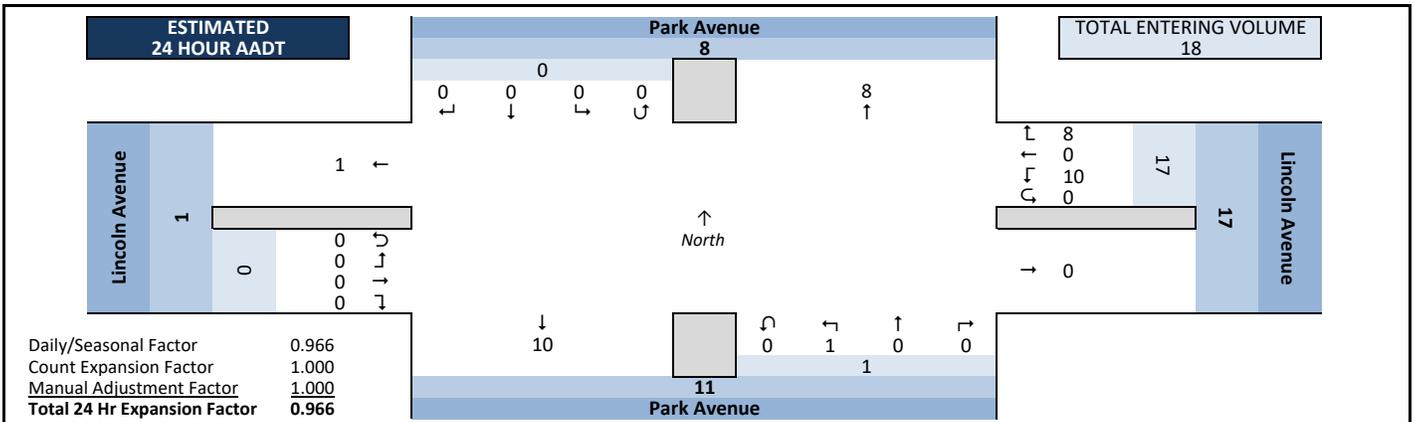
Observed 1.75 Hour Volume Summary



Total Entering Hourly Volume



Estimated 24 Hour AADT



Intersection Traffic Volume Report

Count Basics		Page 3 of 13	
Start Date:	Friday, January 26, 2018	Weekday	Schools Not in Session
Total Number of Hours Counted:	1.75	Non-Holiday	No Special Events

Peak Hour Volume Summary

Park Avenue and Lincoln Avenue



Peak Hour Volumes, Truck Percentages, and PHFs

Saturday, January 0, 1900		From North					From East					From South					From West					Totals					
		Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
AM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Saturday, January 0, 1900		From North					From East					From South					From West					Totals					
		Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
MD Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	11:30 AM	0	0	0	0	0	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	11:45 AM	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	12:00 PM	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
	12:15 PM	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Peak Hour Volume	0	0	0	0	0	2	0	6	0	8	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	9
	Rounded Hourly Volume	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.75	0.00	0.67	0.00	0.00	0.25	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75

Saturday, January 0, 1900		From North					From East					From South					From West					Totals					
		Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
PM Peak Hour	Start Time	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Peak Hour Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rounded Hourly Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	% Single Unit Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Heavy Trucks	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	% Trucks (Total)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Peak Hour Factor (PHF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Peak Hour Pedestrian and Bicyclist Volumes

Pedestrians and Bicyclists		Crossing North Approach			Crossing East Approach			Crossing South Approach			Crossing West Approach			Total Ped & Bike Volume
		Park Avenue			Lincoln Avenue			Park Avenue			Lincoln Avenue			
15-Minute Start Time		Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	Pedestrian	Bicyclist	Total	
AM	8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
MD	11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0
PM	4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	0	0	0	0	0	0	0	0	0	0	0	0	0

Intersection Traffic Volume Report

15-Minute Motor Vehicle Data

Park Avenue and Lincoln Avenue



15-Minute Motor Vehicle Data

15-Minute Time Period	From North					From East					From South					From West					15-Min Totals	Hourly Sum	PHF			
	Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
6:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:00 AM	0	0	0	0	0	0	3	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4		
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
11:30 AM	0	0	0	0	0	0	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	9	0.75
11:45 AM	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	8	1.00
12:00 PM	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	2	10	0.63
12:15 PM	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2		
12:30 PM	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2		
12:45 PM	0	0	0	0	0	0	2	0	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4		
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
8:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
9:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Totals	0	0	0	0	0	0	8	0	10	0	18	0	0	1	0	1	0	0	0	0	0	0	0	19		

Peak Hour All Vehicle Volume Summary

Hourly Time Period	From North					From East					From South					From West					Total Hourly Volume	PHF				
	Park Avenue					Lincoln Avenue					Park Avenue					Lincoln Avenue										
	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total	Right	Thru	Left	U-Tn	Total						
AM 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MD 11:30 AM	0	0	0	0	0	0	2	0	6	0	8	0	0	1	0	1	0	0	0	0	0	0	0	9	0.75	
PM 4:00 PM	0																									

APPENDIX B
Existing Traffic
Peak Hour Analysis Outputs

3: Park Avenue & Grand Boulevard & Lincoln Avenue Performance by approach

Approach	WB	NB	SE	NW	All
Denied Del/Veh (s)	0.1	0.1	0.3	0.2	0.3
Total Del/Veh (s)	6.6	11.0	0.5	0.5	1.3

Total Network Performance

Denied Del/Veh (s)	0.3
Total Del/Veh (s)	1.7

Intersection: 3: Park Avenue & Grand Boulevard & Lincoln Avenue

Movement	WB	NB	SE	NW
Directions Served	<LTR>	<LTR>	<LTR>	<LTR>
Maximum Queue (ft)	57	31	34	39
Average Queue (ft)	19	8	1	4
95th Queue (ft)	39	28	14	23
Link Distance (ft)	520	516	433	635
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Network Summary

Network wide Queuing Penalty: 0

3: Park Avenue & Grand Boulevard & Lincoln Avenue Performance by approach

Approach	WB	NB	SE	NW	All
Denied Del/Veh (s)	0.1	0.1	0.2	0.2	0.2
Total Del/Veh (s)	5.4	8.0	0.3	0.6	1.1

Total Network Performance

Denied Del/Veh (s)	0.2
Total Del/Veh (s)	1.4

Intersection: 3: Park Avenue & Grand Boulevard & Lincoln Avenue

Movement	WB	NB	NW
Directions Served	<LTR>	<LTR>	<LTR>
Maximum Queue (ft)	48	25	48
Average Queue (ft)	14	6	5
95th Queue (ft)	35	24	26
Link Distance (ft)	520	516	635
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 0

Intersection						
Int Delay, s/veh	1.2					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations				↔	↔	
Traffic Vol, veh/h	0	0	5	60	10	0
Future Vol, veh/h	0	0	5	60	10	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	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	5	64	11	0

Major/Minor	Major2	Minor1		
Conflicting Flow All	0	0	74	-
Stage 1	-	-	0	-
Stage 2	-	-	74	-
Critical Hdwy	4.12	-	6.42	-
Critical Hdwy Stg 1	-	-	-	-
Critical Hdwy Stg 2	-	-	5.42	-
Follow-up Hdwy	2.218	-	3.518	-
Pot Cap-1 Maneuver	-	-	930	0
Stage 1	-	-	-	0
Stage 2	-	-	949	0
Platoon blocked, %			-	
Mov Cap-1 Maneuver	-	-	930	-
Mov Cap-2 Maneuver	-	-	930	-
Stage 1	-	-	-	-
Stage 2	-	-	949	-

Approach	WB	NB
HCM Control Delay, s		8.9
HCM LOS		A

Minor Lane/Major Mvmt	NBLn1	WBL	WBT
Capacity (veh/h)	930	-	-
HCM Lane V/C Ratio	0.011	-	-
HCM Control Delay (s)	8.9	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0	-	-

HCM 6th TWSC
 10: Grand Boulevard & Library Parking

02/11/2019

Intersection						
Int Delay, s/veh	0.8					
Movement	WBL	WBR	SEL	SET	NWT	NWR
Lane Configurations	T			T		T
Traffic Vol, veh/h	15	10	15	300	175	10
Future Vol, veh/h	15	10	15	300	175	10
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	16	11	16	319	186	11

Major/Minor	Minor2	Major1	Major2			
Conflicting Flow All	543	192	197	0	-	0
Stage 1	192	-	-	-	-	-
Stage 2	351	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	501	850	1376	-	-	-
Stage 1	841	-	-	-	-	-
Stage 2	713	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	494	850	1376	-	-	-
Mov Cap-2 Maneuver	494	-	-	-	-	-
Stage 1	829	-	-	-	-	-
Stage 2	713	-	-	-	-	-

Approach	WB	SE	NW
HCM Control Delay, s	11.4	0.4	0
HCM LOS	B		

Minor Lane/Major Mvmt	NWT	NWRWBLn1	SEL	SET
Capacity (veh/h)	-	-	593	1376
HCM Lane V/C Ratio	-	-	0.045	0.012
HCM Control Delay (s)	-	-	11.4	7.6
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.1	0

APPENDIX C
Build Traffic
Peak Hour Analysis Outputs

3: Park Avenue & Grand Boulevard & Lincoln Avenue Performance by approach

Approach	WB	NB	SE	NW	All
Denied Del/Veh (s)	0.0	0.1	0.3	0.0	0.2
Total Del/Veh (s)	6.3	9.3	0.4	0.4	1.3

Total Network Performance

Denied Del/Veh (s)	0.2
Total Del/Veh (s)	1.8

Intersection: 3: Park Avenue & Grand Boulevard & Lincoln Avenue

Movement	WB	NB	SE	NW
Directions Served	<LTR>	<LTR>	<LTR>	<LTR>
Maximum Queue (ft)	48	29	29	41
Average Queue (ft)	19	9	1	4
95th Queue (ft)	39	28	11	22
Link Distance (ft)	177	504	433	179
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Network Summary

Network wide Queuing Penalty: 0

Intersection						
Int Delay, s/veh	1.6					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations				↔	↔	
Traffic Vol, veh/h	0	0	5	40	10	0
Future Vol, veh/h	0	0	5	40	10	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	91	91	91	91	91	91
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	5	44	11	0

Major/Minor	Major2	Minor1
Conflicting Flow All	0	0 54 -
Stage 1	-	- 0 -
Stage 2	-	- 54 -
Critical Hdwy	4.12	- 6.42 -
Critical Hdwy Stg 1	-	- - -
Critical Hdwy Stg 2	-	- 5.42 -
Follow-up Hdwy	2.218	- 3.518 -
Pot Cap-1 Maneuver	-	- 954 0
Stage 1	-	- - 0
Stage 2	-	- 969 0
Platoon blocked, %		-
Mov Cap-1 Maneuver	-	- 954 -
Mov Cap-2 Maneuver	-	- 954 -
Stage 1	-	- - -
Stage 2	-	- 969 -

Approach	WB	NB
HCM Control Delay, s		8.8
HCM LOS		A

Minor Lane/Major Mvmt	NBLn1	WBL	WBT
Capacity (veh/h)	954	-	-
HCM Lane V/C Ratio	0.012	-	-
HCM Control Delay (s)	8.8	-	-
HCM Lane LOS	A	-	-
HCM 95th %tile Q(veh)	0	-	-

HCM 6th TWSC
 10: Grand Boulevard & Library Parking

02/11/2019

Intersection						
Int Delay, s/veh	1.4					
Movement	WBL	WBR	SEL	SET	NWT	NWR
Lane Configurations	T			L		R
Traffic Vol, veh/h	20	15	25	155	170	20
Future Vol, veh/h	20	15	25	155	170	20
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	22	16	27	170	187	22

Major/Minor	Minor2	Major1		Major2	
Conflicting Flow All	422	198	209	0	0
Stage 1	198	-	-	-	-
Stage 2	224	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-
Pot Cap-1 Maneuver	588	843	1362	-	-
Stage 1	835	-	-	-	-
Stage 2	813	-	-	-	-
Platoon blocked, %				-	-
Mov Cap-1 Maneuver	575	843	1362	-	-
Mov Cap-2 Maneuver	575	-	-	-	-
Stage 1	817	-	-	-	-
Stage 2	813	-	-	-	-

Approach	WB	SE	NW
HCM Control Delay, s	10.7	1.1	0
HCM LOS	B		

Minor Lane/Major Mvmt	NWT	NWRWBLn1	SEL	SET
Capacity (veh/h)	-	-	666	1362
HCM Lane V/C Ratio	-	-	0.058	0.02
HCM Control Delay (s)	-	-	10.7	7.7
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.2	0.1

3: Park Avenue & Grand Boulevard & Lincoln Avenue Performance by approach

Approach	WB	NB	SE	NW	All
Denied Del/Veh (s)	0.0	0.1	0.2	0.0	0.1
Total Del/Veh (s)	5.1	7.3	0.2	0.4	1.1

Total Network Performance

Denied Del/Veh (s)	0.2
Total Del/Veh (s)	1.5

Intersection: 3: Park Avenue & Grand Boulevard & Lincoln Avenue

Movement	WB	NB	NW
Directions Served	<LTR>	<LTR>	<LTR>
Maximum Queue (ft)	50	24	32
Average Queue (ft)	15	8	3
95th Queue (ft)	32	25	19
Link Distance (ft)	177	504	179
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			
Queuing Penalty (veh)			

Network Summary

Network wide Queuing Penalty: 0



Village of Brookfield

Planning and Zoning Commission Staff Report

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

HEARING DATE: August 22nd, 2019

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

PREPARED BY: Elyse Vukelich, Village Planner

TITLE

PZC 19-05 – Sign Code Amendment: The Village of Brookfield, Illinois requests text amendments to Chapter 42 (Signs) of the Village Code of Ordinances. The text amendments include updates to the types of allowed signage in various zoning districts located in the Village of Brookfield.

GENERAL INFORMATION

APPLICANT: The Village of Brookfield
8820 Brookfield Avenue
Brookfield, IL 60513

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

PROPERTY INFORMATION

EXISTING ZONING: N/A
EXISTING LAND USE: N/A
PINs: N/A

ANALYSIS

SUBMITTALS

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

1. Application for a Text Amendment to the Sign Code
2. Certification of a Legal Notice Published July 10, 2019 in the *Riverside Brookfield Landmark*
3. Signage Review Document

BACKGROUND

The Village of Brookfield requests text amendments and updates to Chapter 42 (Signs) of the Village Code of Ordinances. An update and revision of the sign ordinance was identified in the Comprehensive Plan as Strategy 6 for Goal 10-2. Strategy 6 states that the Village should “Revamp [its] signage code and enforcement program to combat obsolete signage, signage in disrepair and outdated signage (e.g. pole signs) especially along Ogden Avenue.” (p. 209).

According to an article titled *Best Practices in Developing Sign Regulations* (included in Appendix B of the Signage Review document), there are indicators that necessitate sign ordinance changes, for example, changes in law pertaining to signage and sign technology. Both have occurred in the time since the Village last completed a comprehensive sign code update. In particular, the United States Supreme Court case of *Reed v. Gilbert* (135 S.Ct. 2218 2015) and the rise of digital and electronic signage have encouraged other municipalities to update their sign. The goal of this petition for a text amendment is to update the standards and ensure that new signage regulations contribute to strong commercial corridors within the Village.

The amendment process began in February 2019 with a review of the existing conditions of signs in the Village. The purpose of this review was to examine the existing signage in and around the areas of Ogden Avenue, 8 Corners and Downtown to explore the type of signage the current code has permitted, and any issues that have arisen as a result. The existing conditions report, which can be found on page 4 of the Signage Review document, highlighted 11 categories of challenges or problems related to signage.

The categories found in the existing conditions report were utilized to create 12 recommendations. The recommendations, found on page 9 of the Sign Review document, outline what village staff believes needs to be updated and changed in the current sign code. In addition to the recommendations, a survey and an in-depth review of peer communities’ regulations were completed. The information gained by the survey and peer review, together with the recommendations, assisted in formulating the key components of the draft amendment.

The Signage Review document, which includes the draft amendment, was presented to the Planning, Zoning and Economic Development Committee on June 24th, 2019.

This case was reviewed by the Planning and Zoning Commission on July 25th, 2019. The commission requested a continuation to this hearing to allow staff to make their requested changes.

PUBLIC COMMENT

The Village of Brookfield held a meeting of the Planning, Economic Development and Zoning Committee of the Village Board on June 24th, 2019. A few members of the public did attend but other than Village staff and trustees, nobody provided comment.

Since no public comments are on record with the Village, Village staff attended the Brookfield Chamber of Commerce’s board meeting on July 18th to give a brief overview of the proposed changes and to solicit comments and questions. Any comments that are submitted to staff after the dissemination of this memo will be presented at the Planning and Zoning Commission public hearing on July 25th, 2019.

DISCUSSION

The draft amendment in the Signage Review document proposes several changes to Chapter 42. While the draft amendment needs to be read fully to understand the proposed changes, presented below, is an explanation of the major updates and new regulations as the following categories:

Code Formatting

Under Article IV (District Regulations), the existing sign code regulates signs by the following categories: Residential Districts and Commercial Districts. This means that currently, all signs in all commercial districts in the Village are regulated the same way. The same types and sizes of signs are allowed on 31st Street, Broadway Avenue, and Ogden Avenue. The industrial districts are also treated like the three commercial districts just mentioned. The Station Area districts are subject to the sign code but also have an extra set of regulations as contained in the Village’s Zoning Modernization document (p. 55).

Recommendation #2 from the Signage Review document is to differentiate permitted sign types by zoning district. Sign regulations should be differentiated between pedestrian oriented areas, like the C-3 District, and auto-centric corridors like Ogden Avenue. Two (2) new sections will be created to fulfill this recommendation – Section 42-85 (Permanent Sign Types by District) and Section 42-87 (Temporary Sign Types by District). Presented below is the table included in Section 42-85 which provides a visual aid to explain which permanent signs are permitted in the individual zoning district in the Village.

Exhibit 1 - Table from p. 40 of the Signage Review document

Sign Type	Residential Districts	Station Area Districts		Commercial Districts			Industrial Districts	Open Space Districts
	A, A-1, A-2, A-3, B, B-1	SA 1, SA 2, SA 3, SA 4	SA 5, SA 6	C-1	C-3	C-4, C-5	I-1, I-2	S-1, S-2
Awning Signs	○	●	○	●	●	●	●	
Changeable Copy Signs	○		○					
Freestanding Signs				●				
Monument Signs		□		●		●	●	
Nameplate Signs for Multi-Family Buildings	●	●	●		●	●		
Projecting Signs	○	●	○	●	●	●	●	
Wall Signs	○	●	○	●	●	●	●	
Window Signs		●		●	●	●	●	

- = Permitted
- = Permitted for non-residential uses
- = Permitted for non-residential uses in SA 3 only

In proposed Section 42-86.1 (Permanent Sign Regulations), there are three (3) new regulations which will apply to all permanent signs in the Village. The first two relate to sign copy and face, and sign aesthetics.

Section 42-86.1.C of the draft amendment states that “Each lot is permitted to have two (2) permanent sign types, provided they are both permitted.”

In the current code, there is no limit on the number of signs that can be located on a property, however, there are limits established for square footage of sign area under the existing code section 42-144 (Area and Size of Signs), and it states:

“The total aggregate area for all permanent freestanding, wall and window identification signs any single parcel of property shall not exceed two times the lineal front footage of the principal display side of the property and no single freestanding wall or window identification sign shall exceed in any event an area of 100 square feet total face area.”

This section of the current code was called out in the Existing Conditions section (p. 4) of the Signage Review document as an existing regulation that contributes to excess square footage of signs. The proposed change in regulation to allow two (2) sign types per lot will limit excess square footage. Proposed Section 42.86.2 is a list of all permanent sign types with limits as to the square footage of sign area. These limits were based upon the comprehensive review of sign regulations of the peer communities. (p. 18 of Signage Review document).

Proposed Section 42-87 (Temporary Signs Permitted by District) includes a table which shows which types of Temporary Signs are permitted in each zoning district.

Exhibit 2 - Table from p. 45-46 of the Signage Review document

Sign Type	Residential Districts	Station Area Districts			Commercial Districts			Industrial Districts	Open Space Districts
		SA 1, SA 2, SA 3, SA 4	SA 5, SA 6	C-1	C-3	C-4, C-5			
	A, A-1, A-2, A-3, B, B-1								
A-Frame Signs		●	○		●	●			
Banner Signs	○	●	○	●	●	●	●		
Temporary Residential Signs	●	●	●	●	●	●			

- = Permitted
- = Permitted for non-residential uses

Similar to the previous section, this table in the draft amendment demonstrates where the three (3) permitted temporary sign types will be allowed. All other temporary signage will not be allowed.

Overall, the proposed exhibit makes clear which sign types are allowed and in which districts, and provides a visual aid for users of the code. Ideally, this will make it easier for local businesses and sign companies to determine whether a desired sign type will be allowed. Most importantly, permitted signage is separated by zoning district which will help to ensure that the type of permitted signs are appropriate for the district.

Obsolete Signs

An obsolete sign is defined as:

“A sign which advertises a business which is not being presently conducted upon the premises or advertises a service, commodity or activity not sold or offered upon the premises on which the sign is located.” (p. 34 of Signage Review document)

Obsolete signs are typically left by a previous business that has moved out. They include the face of a sign, but not the structure. One of the reasons that the Village has struggled with enforcing the removal of obsolete signs is that the current code, under Section 42-63.8 (Prohibited and Restricted Signs) states that “obsolete signs are prohibited and to be removed within six (6) months from date of certified notification”. This means that a sign advertising a business that is no longer there does not need to be removed until six (6) months after the Village writes a citation. If the Village is late in its citation, the sign can remain for an inordinately long period of time.

In the draft amendment, the removal requirement has been changed to read “Obsolete signs, to be removed within 30 days from the date the corresponding business discontinues its operations at the site.” (p. 40 of the Signage Review document). If approved, this amendment would require the removal of these signs at a much quicker pace. This change would serve to enact recommendation #3 from the Signage Review document.

Non-Conforming Signs

Under the current code, non-conforming signs that have been discontinued or abandoned for six (6) months need to be removed. Under the draft amendment, this time period would be changed to 30 days and will include the sign structure as well as the face. Section 42-170 of the draft amendment (p. 53 of the Signage Review document) states:

“Whenever a non-conforming sign structure has been discontinued or abandoned for a period of 30 days, or when the corresponding commercial use has discontinued its operations at the subject premises, the non-conforming sign structure shall be removed. Subsequent businesses’ signs on the property shall hereafter be in conformity with the regulations of this Code.”

This change in regulation will allow the Village to require the removal of non-conforming signage much faster than it currently does, which will have a very positive visual impact on the community.

Sign Height

A critical look at the permitted heights of signs in the Village was essential in constructing this code amendment. In the current code, freestanding signs are permitted to be 35 feet in height. This is extremely high compared to the peer group, and even out of scale with most of the existing buildings within the Village. According to current code, the only commercial area where a 35 feet high freestanding sign would not be allowed is in the Station Area Districts.

After researching other municipal regulations, staff is proposing to reduce the permitted height of a freestanding sign to 15 feet. The current code does not distinguish between freestanding signs and monument signs. The draft amendment will permit freestanding signs only in the C-1 District, but will permit monument signs in C-1, C-4, C-5, I-1, and I-2. Monument signs are permitted to be eight feet (8') in height.

Content Neutrality

In 2015, the United States Supreme Court heard a case called *Reed v. Town of Gilbert* (135 S.Ct. 2218 2015) which involved signage. The Supreme Court ruled that Gilbert, Arizona’s sign code violated a local church’s first amendment rights. In essence, the court found that “if you have to read the content of a sign in order to figure out how to regulate it, the regulation violates the First Amendment”.

This ruling became a catalyst for many municipalities to amend their sign codes. Now, any sign regulation category that references the sign type by the content of the sign needs to be eliminated. For example, the current code has sign categories titled “church identification signs” and “real estate signs”. Those categories are used to regulate the sign based on its content, and that is no longer constitutional.

The draft amendment is content neutral. It divides regulations into categories of “temporary” and “permanent” which are not content based. It also includes a category called “temporary residential signs,” which is intended to include real estate signs, school sports signs, political signs, or yard sale signs. Creating content neutral sign code provisions fulfills recommendation #10.

Historic Sign Designation

There are instances where an obsolete sign adds character to a community due to its historic nature. As a result, many municipalities offer protections for historically significant signs. The draft amendment proposes to do this by adding a designation for certain historic signs to “offer protection and continuance of obsolete or non-conforming signs that reflect the historic character of the Village.”

New Section 42-208 of the draft amendment (p. 56 of the Signage Review document) outlines the proposed requirements and process for historic sign designation. Similar to a variance or special use, the sign would need to meet specific standards and the Planning and Zoning Commission would take on the responsibility of hearing these cases. The petitioner would also need to provide a maintenance plan for the upkeep of the sign and structure. The designation will be effective for five years and need to be renewed, as recommending by the Planning and Zoning Commission at the July 25th hearing.

REVISIONS SINCE JULY 25th HEARING

Staff has incorporated the Planning and Zoning Commission’s recommendations from the July 25th hearing into the draft amendment. The following changes were made:

1. Clarification that sign faces are permitted to be double sided was added to the definition for “sign face.”
2. The historic sign designation was changed from being a permanent designation to a five year designation. The designation can be renewed if it goes through the approval process again. There is no limit on the number of renewals. (Section 42-210.F)
3. Corner buildings with frontage on two streets will be allowed to have two projecting signs, but only one per frontage. (Section 42-86.2.F.2.b)
4. Added language to the definition of “sign base” clarifying that a base is a column or structure beneath the sign. Added the word “diameter” to the width requirements for sign bases and freestanding signs.
5. Changed monument sign height requirements to include the words “above grade” to prevent monument signs from gaining additional height by installation on top of a berm. (Section 42-86.2.D.2.C)
6. Changed the requirements for window sign coverage from 20% to 25%. (Section 42-86.2.H.2)
7. Changed the maximum height on a projecting sign to 16 feet for all districts instead of just the Station Area Districts (Section 42-86.2.F.1.b)
8. Added a statement that in the event of a disagreement between the text regulation Permanent Signs and the table, that the table shall govern. (Section 42-85.1)
9. Fixed a scrivener’s error in the definition of illuminated signs.
10. Clarified how much landscaping will be required around the base of a monument sign. (Section 42-86.2.D.3.a)
11. Added a requirement that changeable copy signs that take the form of a monument

- sign will also require landscaping (Section 42-86.2.B.3.a)
12. Removed the 90 day limit for temporary residential signs. Commissioners recommended that staff consult with the Village attorney on the legality of this time limit, and they felt this time limit may be challenging to uphold in court. (Section 42-88.1.C.3)

CONCLUSION

The proposed text amendments to Chapter 42 (Signs) of the Village's Code of Ordinances will provide a more rational and detailed approach to regulating signage. The individual provisions of the amendment, when implemented, will have a strong visual impact on the Village's commercial areas by encouraging the propagation of high quality signage within the Village.

RECOMMENDATIONS

Staff recommends approval of the text amendments as presented. These amendments support and implement recommendations from the Village's Comprehensive Plan. If Commissioners are in agreement with the staff's findings and recommendations, they may adopt them as presented or edit them as appropriate.

The Planning and Zoning Commission has the option to recommend that Village Board of Trustees adopt the amendments, adopt the amendments with modification or deny the request for amendments.



Village of Brookfield
 Planning and Zoning Commission Application Packet

Text and Map Amendment

Applicant Information:

- 1. Name and Phone Number of contact person for application process _____
- 2. Petitioner's Name Village of Brookfield
- 3. Petitioner's Address 8820 Brookfield Avenue, Brookfield, IL 60513
- 4. Phone Number 708-485-1445
- 5. Email Address _____
- 6. Fax Number _____
- 7. Owner of Record Name _____
- 8. Owner of Record Address _____

Property Information:

- 9. Common Street Address N/A
- 10. Legal Description _____

- 11. Permanent Tax Index Number N/A
- 12. When did the owner acquire the property? N/A

13. Is the petitioner in the process of purchasing/leasing the property? Yes No
 If so, is the purchase/lease contingent on approval of the map amendment? Yes No

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

15. If the property is a non-conforming use, please explain: N/A

16. Surrounding Zoning and Land Use:

	Zoning District	Land Use
North	N/A	N/A
South		
East		
West		

Text Amendment Application, continued

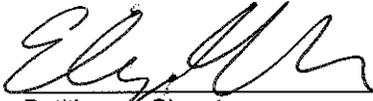
17. What is the Zoning Classification of the subject property? N/A

18. What is the requested text/map amendment and why? (Please attach another sheet if necessary)

Requested text amendment to Chapter 42 - Signs of the Code of Ordinances of the Village of Brookfield

Please note that additional information may be required upon staff review.

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

7/18/19

Date

Owner's Signature (or authorized agent)

Date

DRAFT AMENDMENT

Chapter 42 - SIGNS¹¹

Footnotes:

--- (1) ---

State Law reference— Highway Advertising Control Act, 225 ILCS 440/1 et seq.; municipal authority to regulate all street advertising and adult entertainment advertisements, 65 ILCS 5/11-80-15; authority for removal of unauthorized signs and billboards constituting obstructions, 605 ILCS 5/9-112.

ARTICLE I. - IN GENERAL

Sec. 42-1. - Purpose.

This chapter is adopted for the following purposes:

- (1) To preserve and protect the public health, safety and welfare by regulating outdoor advertising and signs of all types.
- (2) To maintain the inherent right of business to communicate reasonably, and identify their products and services by promoting the reasonable, orderly and effective display of signs and outdoor advertising.
- (3) To enhance the physical appearance of the village, making it a more enjoyable and pleasing community.
- (4) To reduce the sign or advertising distractions which may increase traffic accidents and result in visual congestion for pedestrians.
- (5) To acknowledge the appropriate display of signs as necessary to public service and to the conduct of competitive commerce.

(6) To protect the right of free speech as exercised through the use of signs.

(Code 1964, § 31-1; Ord. No. 1983-12, 6-27-1983) -

Sec. 42-2. - Definitions.

The following words, terms and phrases, when used in this chapter, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

A-Frame sign means any sign that is not permanently affixed to a building structure, or the ground; a sign designed to be moved from place to place. A-Frame signs primarily include signs attached to wood or metal frames designed to be self-supporting and movable; and paper, cardboard, or canvas signs wrapped around supporting poles.

Ad bench sign means a bench sign used for advertising.

Animated sign means a sign or part of a sign which changes physical position by any movement or rotation or any sign which presents the illusion of movement.

Attention-getting device means any propeller, spinner, streamer, search light, balloon and similar device or ornamentation designed for purposes of promotion or advertising or attracting of promotion or advertising or attracting attention.

Awning sign, marquee sign or canopy sign means any fixed, retractable or removable awning, marquee or canopy sign projected over, suspended above, or erected upon any public thoroughfare.

Banner flag sign or feather flag sign means a sign made of lightweight fabric or other flexible material that is mounted to a pole and is easily movable.

Commented [EV1]: Adding a definition for banner flag or feather flag signs, which I am proposing we choose to prohibit.

Banner sign means a sign typically made of lightweight fabric or other flexible material with or without a frame.

Billboard or poster board means a single- or double-faced sign permanently erected on the premises, including changeable copy signs, used for the display of information not associated with the establishment located on the same premises as such sign.

Business sign means a sign that directs attention to or advertises a business or profession conducted upon or to a commodity, service or entertainment sold or offered upon the zoning lot upon which such sign is erected.

Changeable copy sign means a sign wherein provision is made for the manual ~~or electronic~~ change of letters or characters in the field in or upon the surface area of the sign.

Commented [EV2]: Removing electronic, which currently permits electronic message boards in this category.

Commercial districts means those parcels, tracts or lots zoned as C Business and D Light Manufacturing according to the village zoning map.

Commented [EV3]: Irrelevant – refers to non-existent zoning districts.

Discontinuance means the discontinuance or abandonment is the cessation or termination of a use or activity for a period of time as specified in article IV of this chapter, regardless of any intent to resume or not to abandon such use; such use shall not thereafter be reestablished or resumed. The continuance of public utilities: water, refuse service, gas, electricity or telephone, shall not automatically be considered a continuance of the use or activity. Any subsequent use or occupancy of such land or structure shall comply with the use regulations of the zoning district in which such land or structure is located. Any period of such discontinuance caused by government action other than involved in enforcing criminal codes, strikes, material shortages, or acts of nature, and without any contributing fault by the nonconforming user shall not be considered in calculating the length of discontinuance for purposes of this definition.

Commented [EV4]: Adding the same definition for discontinuance as is present in the zoning code. This is the definition that the zoning code relies on to determine if a use has been discontinued. This will be necessary to enforce the proposed standards around non-conforming signage when a business vacates the site.

Erect means to build, construct, attach, hang, place, suspend, or affix and shall also include the painting of all signs.

Externally illuminated sign means a sign illuminated by a source of light sight which is cast upon, or falls upon, the surface or face of the sign to illuminate by reflection only.

Commented [EV5]: Fixed a previous scrivener's error per PZC recommendation on 7/25/19.

Festoon lighting means a group of two or more incandescent light bulbs hung or strung overhead, not on a building or structure, which are exposed to persons on a public right of way, or which are not shaded or hooded to prevent the direct rays of light from being visible from the property line.

Commented [EV6]: Removing definition for festoon lighting because it is not signage and regulations related to festoon lighting are being eliminated.

Flashing sign means any directly or indirectly illuminated sign, either stationary or animated, which exhibits changing natural or artificial light or color effects by any means whatsoever.

Freestanding sign or ground sign means a sign completely or principally self-supported by posts or other supports independent of any building or other structure and anchored in or upon the ground.

Identification sign means a sign which states the company name of any business including both national company and/or proprietor.

Internally illuminated sign means a sign, all or any part of the letters or design of which is made of incandescent, neon, or other types of lamps; a sign with painted, flush or raised letters lighted by an electric lamp attached thereto; a sign having a border of incandescent or fluorescent lamps thereto attached and reflecting light thereon; or a translucent sign, whether lighted by electricity or other illuminant.

Monument sign or ground sign means a sign completely or principally self-supported by posts or other supports independent of any building or other structure and anchored in or upon the ground. The sign face of a monument sign is low to the ground.

Nameplate means a sign which is affixed to or in front of a multi-family development displays only the name or address, or both, of the occupant, is nonelectrical, and does not exceed two square feet in area.

Nonconforming sign means a sign, lawful at the time of the enactment of this chapter, which does not comply with all of the regulations of this chapter or any amendment hereto governing the use of signs.

Obsolete sign means a sign which advertises a business which is not being presently conducted upon the premises or advertises a service, commodity or activity not sold or offered upon the premises on which the sign is located.

Off-premises sign means a sign which directs attention to or advertises a use, business, commodity, service or activity not sold or offered upon the premises where the sign is located. (The term "off-premises sign" also includes those signs commonly known as business signs, billboards and poster panels.)

Permittee means a person to whom a permit has been issued pursuant to the provisions of this chapter.

~~*Political sign* means a sign announcing candidates seeking public political office or any sign concerning political issues and other issues pertinent thereto.~~

Commented [EV7]: Removing this and similar definitions because they are not content neutral.

~~*Portable sign or sandwich sign* means any sign that is not permanently affixed to a building structure, or the ground; a sign designed to be moved from place to place. Portable signs primarily include, but are not limited to, signs attached to wood or metal frames designed to be self-supporting and movable; and paper, cardboard, or canvas signs wrapped around supporting poles. Also included are those signs, commonly trailer mounted, which are designed to be moved from place to place.~~

Projecting sign means a sign supported by a wall which projects more than 12 inches over any street, public sidewalk, alley or public way or public easement; or which projects more than 12 inches from the face of any building, structure or supporting wall. Any sign suspended under a marquee and in a place approximately perpendicular to the wall of the adjoining building shall not be deemed to be a projecting sign.

~~*Real estate sign* means a sign located for purposes of advertising a parcel of land or a building as available for sale, rental or lease.~~

Roof sign means a sign erected, constructed or maintained in whole or in part upon or over the roof of a building or structure. Roof signs shall not include those signs maintained upon the lower slope of a mansard roof which do not extend above the uppermost point of the lower slope. Such signs shall be classified as wall signs.

Shopping center means any concentration of retail stores and service establishments in one or more buildings under single ownership or management with common parking facilities.

Sign means any object, device, display, or structure or part thereof including any supports or appurtenant members which is used primarily to advertise, identify, display, direct or attract attention to an object, person, institution, organization, business, project, service, event or location by any means, including words, letters, figures, designs, symbols, fixtures, colors, motion illumination, or projected images. The term "sign" includes, but is not limited to, every projecting sign, wall sign, roof sign, billboard, poster board, free-standing sign, ground sign, window sign, vehicle sign, awning, canopy, marquee, changeable copy sign, illuminated sign, flashing sign, animated sign, temporary sign, portable sign, banner, pennant, valance, or other attention getting device, or other display whether affixed to a building or separate from any building.

Sign surface area is the total exposed surface devoted to the sign's message, including all ornamentation, embellishment and symbols, but excluding the supporting structure which does not form part of the sign proper or of the display. The area of a sign composed of characters or words attached to a wall and/or window surface shall be the smallest rectangle which encloses the whole group. In the case of a ground sign designed with more than one exterior surface containing items of information, the sign surface area shall be computed as including only the maximum single display surface which is visible from any one ground position.

~~*Sign base* means the column or structure beneath a freestanding sign or monument sign.~~

Commented [EV8]: Changed this definition to add the word "column" per PZC recommendation on 7/25/19.

~~*Sign copy* is measured as the area of a sign that is occupied by text, pictures, logos or symbols, but excluding the supporting structure of the sign and any part of the sign face that is not occupied by text, pictures, logos or symbols.~~

Sign face is the area of a sign that includes sign copy and background. Sign face does not include any supporting structures, framework or bracing unless such structures are part of the sign copy or face. Sign faces are permitted to be double sided.

Commented [EV9]: Adding definitions for “sign copy” and “sign face” as part of the recommendation from the existing conditions report.

Sign structure means any structure or material which supports, has supported or is capable of supporting or helping maintain a sign in a stationary position.

Commented [EV10]: Added a provision that sign faces are permitted to be double sided per the PZC’s recommendation on 7/25/19.

Temperature signs are devices that periodically display the current temperature.

Temporary residential sign means a sign displayed for a limited period of time on a residential lot. These signs typically are made of a lightweight fabric or paper material. They shall not be permanently affixed to the lot. The sign structure shall be easily removable.

Temporary sign means a sign, as defined in this section, displayed for a limited period of time.

Time sign means a device that periodically displays the time of day.

Wall sign means a sign mounted ~~or~~ attached to, ~~or painted on~~ the exterior wall of a building or structure in a plane parallel to that of the supporting wall. A wall sign may not project more than 12 inches from the plane of the structure to which it is attached.

Window ~~identification~~ sign means ~~a an identification sign painted on~~, affixed to or placed against any window or which is placed in a display case for view from the outdoors through a window which such sign is visible from any public right-of-way.

~~*Window promotional sign* means a sign painted on, affixed to or placed against any window, or which is placed in a display case for view from the outdoors through a window when such sign is visible from any public right of way and which is displayed for the specific purpose of attracting the attention of the passerby to a sale, or to promotional items, or to other products or services.~~

(Code 1964, § 31-2; Ord. No. 1983-12, 6-27-1983; Ord. No. 1990-8, 2-12-1990; Ord. No. 1997-31)

Sec. 42-3. - Applicability; exceptions.

The following are not regulated by this chapter:

- (1) Signs not visible beyond the boundaries of the lot or parcel upon which they are situated or from any public thoroughfare or right-of-way.
- (2) Official signs of any public or governmental agency.
- (3) Any sign of any official court or public office notices thereof, or any flag, emblem or insignia of a government, school, or religious group.
- (4) Any sign which is located completely within an enclosed building, and which sign is not visible from outside of the building.
- (5) Any official traffic signs authorized by state law.
- (6) Signs on a truck, bus, trailer, or other vehicle used in the normal course of a business which is not primarily the display of such signs.

~~(7) Changing of the copy of a sign, bulletin board, display encasement, marquee or maintenance where no structural changes are made, or changing of interchangeable letters on signs designed for use of interchangeable letters.~~

~~(7)~~ Private (noncommercial) nameplate identification signs or street address identification signs when such signs do not exceed two square feet in area.

Commented [EV11]: As of now, the ordinance does not regulate the “changing of the copy of the sign” – I am proposing we remove this. Even if someone is just changing the face of the sign I think it’s important for the Village to have the chance to look at the design of the new sign face.

~~(89)~~ Tablets, such as memorials, cornerstones, name of a building, or date of erection, when built into the walls of the building or affixed thereto.

~~(940)~~ No trespassing signs, warning signs (e.g., "Beware of Dog") and other such signs regulating the use of property when such signs do not exceed two square feet in area.

~~(1044)~~ Advertisement signs for businesses sold by groups or associations organized for the purpose of sponsoring or promoting youth sports in the village, provided that such signs shall not exceed three feet by five feet in area, shall only be affixed to fences and backstops associated with athletic fields used by the sports organizations and that such signs shall not be posted for more than 120 consecutive days in a calendar year.

(11) Wayfinding Signs

(Code 1964, § 31-3; Ord. No. 1983-12, 6-27-1983; Ord. No. 04-17, 2-23-2004)

Sec. 42-4. - Administration; conflicting provisions.

It shall be the duty of the Department of Community and Economic Development ~~code enforcement officer~~ to administer and enforce the provisions of this chapter, the same to be done in conjunction with the building codes of the village. In case of a conflict between any of the provisions of this chapter and those of the building code, in a given instance, the more restrictive of the two shall govern.

(Code 1964, § 31-11(a); Ord. No. 1983-12, 6-27-1983; Ord. No. 89-58, 12-7-1989; Ord. No. 2006-64, 9-11-2006)

Secs. 42-5—42-26. - Reserved.

ARTICLE II. - PERMITS

Sec. 42-27. - Required.

Before erecting, converting, enlarging, reconstructing, structurally altering or rearranging any sign, other than those signs for which permits are not required by this chapter, application shall be made in writing upon a form furnished by the Department of Community and Economic Development. ~~code enforcement department.~~

(Code 1964, § 31-10; Ord. No. 1983-12, 6-27-1983)

~~Sec. 42-28. - Preliminary conference; advice of plan commission.~~

~~Prior to making application, a preliminary conference shall be conducted with the code enforcement officer. The purpose of the conference is to advise the applicant, or licensed sign erector, of the provisions of this chapter. The code enforcement officer may, at his discretion, seek the advice of the village planning and zoning commission.~~

(Code 1964, § 31-10; Ord. No. 1983-12, 6-27-1983; Ord. No. 2013-69, § 13, 12-16-2013)

Sec. 42-~~289~~. - Application contents.

The application shall include the following information and is subject to change:

- (1) Name, address and telephone number of the permittee and the sign erector.
- (2) The location by street and number, dimensions, height, design of the sign, proposed placement and color.

Commented [EV12]: Removing a lot of procedural information in this chapter that is no longer relevant.

- (3) Plans showing the definite dimensions, method of construction, type of material utilized and installation and support.
- (4) Any other pertinent data as may be required by the village building codes and permit applications to provide for the enforcement of this chapter.

(Code 1964, § 31-10; Ord. No. 1983-12, 6-27-1983)

Sec. 42-~~2930~~. - Fees.

The application for a permit under this article shall be accompanied by a permit fee in the amount provided in the village fee schedule.

(Ord. No. [2018-54](#), § 7, 6-25-2018)

~~Sec. 42-31. - Issuance; referral to plan commission.~~

~~After the preliminary conference, the code enforcement officer may issue the permit for said sign, reject such permit when the sign is in conflict with the requirements of this chapter, or the code enforcement officer or the village manager may direct the application to the village planning and zoning commission for further recommendation. Such procedure shall, however, in no case extend beyond 90 days.~~

(Code 1964, § 31-10; Ord. No. 1983-12, 6-27-1983; Ord. No. 2013-69, § 14, 12-16-2013)

~~Sec. 42-32. - Term of permit; annual inspections.~~

~~Permits, when issued, will be valid as long as inspections prove that this sign continues to comply with this Code. Inspections shall coincide with annual fire inspections.~~

(Code 1964, § 31-10; Ord. No. 1983-12, 6-27-1983)

~~Sec. 42-33. - Additional requirements for portable signs.~~

~~Applications for the use of portable signs shall be referred to the chief code enforcement officer for processing, together with a \$50.00 bond that shall be held as guarantee of the removal of such signs. Failure of compliance with the terms of this chapter shall result in the forfeiture of said bond; however, such forfeiture shall not relieve the applicant from any and all responsibilities and costs associated with the removal of the sign.~~

(Code 1964, § 31-2(i); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)

Secs. 42-34—42-54. - Reserved.

ARTICLE III. - CONSTRUCTION AND MAINTENANCE

Sec. 42-55. - Compliance with building and zoning regulations required.

- (a) All signs shall be constructed of approved materials and shall comply with the requirements of village building codes and any amendments thereto as adopted by the village from time to time.
- (b) All signs in which any electrical wiring or connections are to be used shall comply with the village electrical code and any amendments thereto as adopted by the village from time to time.

(c) No sign shall be permitted in any zoning district except in conformity with the zoning requirements of the village.

(Code 1964, § 31-4(a), (b), (i); Ord. No. 1983-12, 6-27-1983)

~~Sec. 42-56. Metal signs.~~

~~A metal sign shall have its face or background constructed of metal not thinner than No. 28 B&S gauge, which may cover a wood frame and may be provided with letters, figures, characters, borders or moldings of wood. The border, if of wood, shall not exceed four inches in width.~~

(Code 1964, § 31-4(c); Ord. No. 1983-12, 6-27-1983)

Sec. 42-57. - Illumination.

- (a) Signs shall be illuminated only by steady, stationary shielded light sources directed solely at the sign, or internal to it, without creating a traffic hazard for motorists or pedestrians. Illuminated signs shall not produce more than 30 foot candles of illumination four feet from the sign. Bare neon signs are prohibited.
- (b) It shall be unlawful for any person to maintain any sign which is wholly or partially illuminated by floodlights or spotlights unless the source of lighting is not visible from any right-of-way. In addition, all light sources shall be so shielded so as not to cause direct light upon adjacent properties.

(Code 1964, § 31-4(d), (g); Ord. No. 1983-12, 6-27-1983)

~~Sec. 42-58. Wind pressure and dead load requirements.~~

~~Every sign shall be designed and constructed to withstand a wind pressure of 30 pounds per square foot and shall be constructed to receive dead loads as required in the village building codes and any amendments thereto or other applicable ordinances. An engineered drawing with seal must be provided upon request.~~

(Code 1964, § 31-4(f); Ord. No. 1983-12, 6-27-1983)

Sec. 42-59. - Safety glass and shatterproof plastic required.

Any glass forming a part of any sign shall be safety glass. Any plastic forming a part of any sign shall be of a shatterproof material.

(Code 1964, § 31-4(h); Ord. No. 1983-12, 6-27-1983)

Sec. 42-60. ~~Sign Maintenance~~ ~~Painting and other maintenance.~~

- (a) The owner of any sign shall paint and maintain all parts and supports thereof as necessary to prevent rusting, rotting, cracking, or deterioration.
- (b) If a deteriorated sign and supporting members are not brought into a state of code compliance within 45 90 days from time of notification, the sign shall be subject to normal code enforcement procedures.
- (c) If ~~or~~ such sign is declared by the Chief Building Inspector ~~code enforcement officer~~ to be an immediate hazard affecting the health, safety and general welfare of the public, orders shall be issued to remove the sign and supporting members immediately. If the responsible party does not take action, the sign is subject to immediate removal by the village at the sign owner's expense.

Commented [EV13]: Removed per direction from Building Inspector.

Commented [EV14]: Removed per direction from Building Inspector.

(Code 1964, § 31-4(e); Ord. No. 1983-12, 6-27-1983)

Sec. 42-~~5964~~ - Location restrictions.

- (a) Signs within the village shall be subject to the following requirements:
- (1) No sign shall be erected in a location prohibited by this chapter. No sign shall be erected so as to prevent free ingress to or egress from any door or window, or any other way required by the building code of the village and amendments thereto, or by the fire department regulations.
 - (2) No person shall paint, mark, write on, or pose or otherwise affix, any handbill or sign to or upon any sidewalk, crosswalk, curb, curbstone, street lamp post, hydrant, tree, shrub, tree stake or guard, railroad trestle, electric light or power or cable communications or telephone or telegraph pole, or wire appurtenance therefore, or upon any fixture of the fire alarm or police telegraph or communications system or upon any lighting system, public bridge, drinking fountain, life buoy, life preserver, life boat or other life saving equipment, street sign or traffic sign.
 - (3) No sign shall be located, erected or maintained upon any right-of-way or parkway for any purpose, except:
 - a. Street identification signs, public information directional signs and traffic control signs conforming to the Manual of Uniform Traffic Devices erected by the village of other governmental entity having jurisdiction of the right-of-way; or
 - b. In commercial zoning districts, banners erected by the village of uniform size not greater than 42 inches by 84 inches attached not less than eight feet above grade level to street lighting standards.
 - (4) ~~Any sign which from the street is in direct line of vision of any traffic sign or signal is prohibited.~~
 - (5) All signs which are declared to be a traffic hazard by the ~~Chief of Police or Village Engineer village code enforcement officer~~ shall be relocated or rearranged in accordance with safety standards within ~~45 90~~ days from the time of notification, unless such sign is declared by the ~~Chief of Police or Village Engineer code enforcement officer~~ to be an immediate hazard affecting the public health, safety and general welfare.
 - (6) No sign permitted under this chapter shall be allowed or maintained if the sign shall in any way violate the Highway Advertising Control Act of 1971, 225 ILCS 440/1 et seq.
 - (7) No sign shall be located so as to project above the top edge of the roof or the top of the parapet, whichever forms the top line of the building silhouette, but in any case should not exceed a maximum of 35 feet from the ground to the top of the sign.
- (b) Any sign erected in violation of this section is subject to immediate removal by the village at the sign owner's expense. Any signs removed by the village and not reclaimed by the sign owner within 90 days are subject to disposal by the village.

Commented [EV15]: This is a good location for a sight triangle illustration (see Appendix)

(Code 1964, § 31-5; Ord. No. 1983-12, 6-27-1983; Ord. No. 97-32, 6-23-1997; Ord. No. 2007-31, § 2, 4-9-2007)

Sec. 42-62. - Insurance required for certain signs on or above public ways.

The owner of any sign overhanging or situated upon a street, public sidewalk, alley or public way or easement shall be required to post and maintain a certificate of insurance covering liability as long as the sign remains in place.

(Code 1964, § 31-4; Ord. No. 1983-12, 6-27-83)

Sec. 42-63. - Prohibited and restricted signs.

The following signs are prohibited, or restricted as provided in this section, unless otherwise specifically provided in this chapter:

- (1) Animated signs.
- (2) Attention-getting devices (except as otherwise provided in section 42-148).
- (3) **Banner flag signs**
- (4) Billboards or poster boards.
- (4) ~~Festoon lighting for periods not to be used in excess of 30 days.~~
- (5) Flashing signs.
- (6) Marquee signs.
- (7) Portable signs (except as may be herein allowed pursuant to section 42-148).
- (8) Obsolete signs, to be removed within 30 days six months from the date the corresponding business discontinues its operations at the site, of certified notification.
- (9) Off-premises signs.
- (10) Roof signs.
- (11) Signs that move or have moving parts, with movement caused by the wind or mechanically.
- (12) Signs in conflict with traffic signals.
- (13) Signs painted on the walls of a building.

(Code 1964, § 31-7; Ord. No. 1983-12, 6-27-1983; Ord. No. 1990-8, 2-12-1990)

Secs. 42-64—42-84. - Reserved.

ARTICLE IV. - DISTRICT REGULATIONS

DIVISION 1. - GENERALLY

Secs. 42-85—42-111. - Reserved.

Section 42-85 Permanent Signs Permitted by District

(1) The following types of permanent signs are permitted in the following districts. In the event that the provisions in Section 42-86 and the table disagree, the table shall govern.

Sign Type	Residential Districts	Station Area Districts		Commercial Districts			Industrial Districts	Open Space Districts
		SA 1, SA 2, SA 3, SA 4	SA 5, SA 6	C-1	C-3	C-4, C-5		
Awning Signs	o	•	o	•	•	•	•	

Commented [EV16]: These are temporary flag signs that are often installed at car dealerships. They are a temporary sign type that tends to be hard to regulate due to their portable nature. Since we already have a difficult time removing temporary signs, I am recommending we prohibit these.

Commented [EV17]: Removing this because festoon lighting is popular and used in pedestrian friendly environments/downtowns.

Commented [EV18]: Currently obsolete signs (signs that reference former businesses that have since moved on) only need to be removed within 6 months from the day the Village gives them a certified notification. This makes the quick removal of obsolete signs extremely hard.

I am changing this read 30 days from the date the business leaves the site. That way, it doesn't fall on the Village to notify them for removal. We can simply point to an obsolete sign and say "That business left over 30 days ago, it needs to come down."

Commented [EV19]: A definition for "discontinuance" has been added to the sign ordinance.

Commented [EV20]: This table and these sections are a new addition to the sign code. The intention is to regulate signage based on the zoning district, not just whether it is residential or commercial. It adds a visual element that should help the reader categorize permitted and prohibited sign types. A description of each sign type with specific regulations follows.

Added a statement that if the text and table disagree, the table shall govern per PZC recommendation on 7/25/19.

Commented [EV21]: Leaving this category here shows that no commercial signs are permitted in these districts. "Official signs of any public or governmental agency" are not regulated and do not require a permit per Section 42-3. That means we can still install "Welcome to Brookfield" signs and park identification signs in these areas.

Commented [EV22]: Signs in these categories that are permitted for "non-residential uses" really pertain to churches, libraries, and any non-conforming commercial uses.

Changeable Copy Signs	○		○					
Freestanding Signs				●				
Monument Signs		□		●		●	●	
Nameplate Signs for Multi-Family Buildings	●	●	●		●	●		
Projecting Signs	○	●	○	●	●	●	●	
Wall Signs	○	●	○	●	●	●	●	
Window Signs		●		●	●	●	●	

● = Permitted

○ = Permitted for non-residential uses

□ = Permitted for non-residential uses in SA 3 only

Section 42-86 Permanent Sign Regulations

(1) Regulations for All Permanent Sign Types

A. Sign Copy and Sign Face

All permanent signs shall have at least 50% of the sign face occupied by sign copy.

B. Aesthetics

All permanent signs shall use colors which are restrained or harmonious with each other and to the building which they reflect.

C. Total Number of Signs

Each lot is permitted to have two permanent sign types, provided they are both permitted.

(2) Permanent Sign Types

A. Awning Signs

Awning signs shall be permitted subject to the following:

1. Location:

(a) Awning signs are permitted in the SA 1, SA 2, SA 3, SA 4, C-1, C-3, C-4, C-5, I-1 and I-2 District. They are also permitted in the A, A-1, A-2, A-3, B, and B-1 District for non-residential uses.

(b) There shall be established a minimum of seven feet of clearance from ground level to the lowest element of the awning or canopy sign.

Commented [EV23]: The Zoning Modernization document specifically allows monument signs in SA 3 but no other SA district.

Commented [EV24]: This was a recommendation of the existing conditions report. This will eliminate the possibility of a sign containing more than 50% blank space and will encourage signage that is balanced between copy and blank space.

Commented [EV25]: This was a recommendation of the existing conditions report. This language was borrowed from peer communities' but will now give staff the option to deny a sign based on colors that are excessively bright, detract attention, or does not mix with the rest of the corridor. This regulation will likely not be used on a regular basis, but will act as a failsafe to prevent signage that will clash and detract from the rest of the corridor.

Commented [EV26]: This is a new way to regulate sign area. Instead of regulating the area of all signage, each lot will now only be allowed to have two permitted sign types. Within the section below, some sign types are not permitted with others (for example, you are only permitted to have one monument sign or freestanding sign – you cannot have both). In addition, businesses are limited to what is permitted in their zoning district. Each sign type is limited to a certain size, so while the overall aggregate signage is not explicitly limited, there are limitations.

This was inspired by the CMAP recommended sign ordinances included in the review of peer communities' signage.

(c) The top of any awning or canopy, including its structural elements, shall be no higher than the height of the building or 15 feet above grade, whichever is lower.

2. Size:

(a) Neither the body of the awning or canopy nor its supports shall be allowed to project more than five feet from the wall of any building; however, in no case shall such projection be permitted to infringe on any adjacent lot, parcel or tract.

(b) Lettering, numbers, symbols, characters, trademarks, and the like appearing upon the body or apron of any awning shall not exceed 30% of the area of the awning, 18 inches in height.

(c) There is hereby established a limit of two lines ~~one line~~ of letters and numeric characters permitted upon any awning or canopy. ~~No use of symbols, characters, trademarks, pictures or similar illustrations or pictorial representations shall be permitted as any matter of right under the terms of this subsection, except as may be allowed on the line of permitted lettering.~~

3. Display Standards

(a) Awnings must be one color and compatible with the color scheme of the facade.

B. Changeable Copy Signs

Changeable copy signs shall be permitted subject to the following: Church, religious group, school and civic group changeable copy signs shall be permitted in residential districts, subject to the following:

1. Location:

(a) Changeable copy signs are permitted in the A, A-1, A-2, A-3, B, B-1, SA 5, and SA 6 zoning districts for non-residential uses.

(b) No sign shall be located closer than 15 feet to any other lot, parcel or tract.

2. Size:

(a) There shall be no more than one changeable copy sign per lot, parcel or tract.

(b) No sign shall exceed 30 square feet in area.

(c) No sign shall project higher than 72 inches above the ground level at the base of the sign.

3. Display

(a) If a changeable copy sign takes the form of a monument sign, it shall follow the regulations for landscaping around monument signs in Section 42-86.2.D.3.

C. Freestanding Signs

Freestanding signs shall be permitted subject to the following:

Commented [EV27]: 18 inches in height looks strange depending on the size of the awning. 30% is close to what a lot of our peer communities use, and will keep the size of the lettering in check.

Commented [EV28]: Expanding the number of lines of lettering to two will allow for exceptions when a business can't fit it all on one or wants to use a logo.

Commented [EV29]: Deleting this requirement because this has been a huge constraint for businesses that would like to use a logo in addition to letter. The 30% requirement will still keep the size of the logo in check.

Commented [EV30]: Adding this as part of the recommendation to include some aesthetic standards for signage. This is also a common regulation included by many of our peer communities.

Commented [EV31]: Electronic message boards were previously permitted for this sign type – I have deleted it in the definition. These were also previously distinguished as “church, religious group, school and civic changeable copy signs” – this is not content neutral so it needs to be removed.

1. Location:

- (a) Freestanding signs are permitted in the C-1 zoning district.
- (b) Freestanding signs shall be permitted in front yards only.
- (c) No freestanding sign may be erected on, over or within five feet of any public right-of-way.

2. Size

- (a) There shall be no more than one freestanding sign or monument sign per lot, parcel or tract.
- (b) No freestanding sign shall exceed 50 square feet in area.
- (c) Freestanding ~~business~~ signs shall be no higher than 15 ~~35~~ feet above the curb level.
- (d) The base of all freestanding signs must measure at least 2 feet in width or diameter.

A.D. Monument Signs

Monument signs shall be permitted subject to the following:

1. Location

- (a) Monument signs are permitted in the C-1, C-4, C-5, I-1 and I-2 zoning districts. Monument signs are also permitted in the SA 3 zoning district for non-residential uses.
- (b) Monument signs shall be permitted in front yards only.
- (c) No monument sign may be located within five feet of any public right-of-way.

2. Size

- (a) There shall be no more than one monument or freestanding sign per lot, parcel, or tract.
- (~~a~~) (b) No monument sign shall exceed 40 square feet in area.
- (c) Monument signs shall be no higher than 8 feet above grade.
- (d) The base of all monument signs must measure at least 2 feet in width or diameter.

3. Display Standards

- (a) Monument signs shall have landscaping around the base of the sign. The landscape area shall extend a minimum of three feet in width on all signs of the sign base and shall consist of shrubs, perennials and/or other vegetative groundcover. This should be indicated on the rendering of the sign or by a list of plantings included with the sign permit application.

Commented [EV32]: 35 feet in height is significantly taller than most communities allow. I am changing this to 15 because that allows a sign to be slightly taller than a one story building, which is the typical height for a building on Ogden Avenue. Nick has recommended eliminating pole signs entirely – if that is the direction that the Board wants to go in, we can incorporate it. However, many of our peer communities with auto-centric corridors like Ogden and Harlem do still permit pole signs but have a much smaller height limit.

Commented [EV33]: Adding a regulation that requires the base of a freestanding sign to measure at least 2 feet in width will eliminate the prominent pole sign type on Ogden Avenue which includes a skinny pole, then a big, boxy sign at the top. Added “diameter” per PZC’s recommendation on 7/25/19.

Commented [EV34]: There are currently not regulations for monument signs. I am creating a distinction between freestanding signs, which are only allowed in C-1, and monument signs, which will be a permitted sign type for the industrial districts, C-1, C-4, and C-5 zoning district. The SA 3 District also permits monument signs.

Commented [EV35]: The area of a monument size will be 40 SF, which is on par with peer communities’ regulations.

Commented [EV36]: A maximum height of 8 feet for monument signs is on par with peer communities’ regulations. Changed “in height” to “above grade” per PZC recommendation on 7/25/19.

Commented [EV37]: Added that the base of a monument sign must measure two feet in width, added “diameter” per the recommendation of PZC on 7/25/19.

Commented [EV38]: Requiring monument signs to have landscaping around the base will be one way for the Village to enforce landscaping standards.

Commented [EV39]: Added specific requirements regarding the amount of landscaping per PZC recommendation on 7/25/19.

E. Nameplate Signs for Multi-Family Buildings

Nameplate signs for multi-family buildings shall be permitted subject to the following:

1. Location

(a) Nameplate signs for multi-family buildings are permitted in the A, A-1, A-2, A-3, B, B-1, SA 1, SA 2, SA 3, SA 4, SA 5, SA 6, C-3, C-4 and C-5 zoning districts.

(b) Nameplate signs shall be affixed to the building or located in front yards only.

(c) No nameplate sign shall be located less than 15 feet from the property line.

(d) No nameplate sign shall project higher than 7 feet above ground level at the base of the sign.

2. Size

(a) There shall be no more than one nameplate sign for each dwelling unit, indicating the name and address of each occupant.

(b) No nameplate sign shall exceed 2 square feet in area.

F. Projecting Signs

Projecting signs shall be permitted subject to the following:

1. Location

(a) Projecting signs are permitted in the SA 1, SA 2, SA 3, SA 4, C-1, C-3, C-4, C-5, I-1 and I-2 zoning districts. Projecting signs are also permitted in the A, A-1, A-2, A-3, B, B-1, SA 5 and SA 6 zoning districts for non-residential uses.

(b) No projecting sign shall be mounted higher than 16 feet from the ground level.

(c) No projecting sign shall extend higher than the roof of a building except in the case of one-story buildings, where signs shall be permitted to exceed the roof height by two feet.

(d) No projecting sign shall be lower than 13 feet from the ground to the bottom of the sign.

2. Size

(a) A maximum of one pedestrian scaled projecting sign is permitted for every 30 feet of storefront façade.

(b) There shall be no more than one projecting sign on buildings with frontage on one street. Corner buildings with frontage on two streets shall be permitted to have one sign per frontage.

Commented [EV40]: Nameplate Signs for Multi-Family Buildings are a type of sign that is currently regulated in the code. We have no real reason to eliminate this, but we do need to make sure it is content neutral. As a result we can call it a "nameplate sign" but we can't dictate what the sign displays.

According to the code right now, these are permitted to be affixed to the building or freestanding. They cannot exceed 2 square feet in area.

I eliminated an option for a secondary identification sign displaying the name of the management of the development because it was not content neutral.

Commented [EV41]: This needs to be removed because it is not content neutral.

Commented [EV42]: These regulations are taken from both the current sign ordinance and the Zoning Modernization code, which has specific requirements for projecting signs in the SA districts.

Commented [EV43]: Changed to 16 feet for all districts per PZC recommendation on 7/25/19.

Commented [EV44]: Changed this regulation to clarify that corner buildings are permitted to have one sign per façade per the PZC recommendation on 7/25/19.

(c) No projecting sign in the SA 1, SA 2, SA 3, SA 4, SA 5, or SA 6 zoning districts shall exceed 7 square feet in area. No projecting sign in any other district shall exceed 20 square feet in area.

Commented [EV45]: Zoning Modernization currently limits projecting signs in the SA districts to 7 SF in area. The code currently limits projecting signs in all other districts to 50 SF in area. 20 SF is on par with peer communities, and gives businesses the option to scale these signs to meet their building's needs.

G. Wall Signs

Wall signs shall be permitted subject to the following:

1. Location

(a) Wall signs are permitted in the SA 1, SA 2, SA 3, SA 4, C-1, C-3, C-4, C-5, I-1 and I-2 districts. Wall signs are also permitted in the A, A-1, A-2, A-3, B, B-1, SA 5 and SA 6 zoning districts for non-residential uses.

(b) Wall signs shall be no higher than the height of the building or 15 feet above grade level, whichever is lower; and no lower than seven feet, six inches above grade level.

(c) Wall signs shall be located within or shall not extend more than 12 inches from the wall of the building. Any sign attached to the wall of a building shall be attached in such a manner that the face of the sign is substantially parallel to the wall.

2. Size

(a) The maximum overall vertical dimension of wall signs shall be four feet.

(b) No wall sign shall exceed 1 square foot per linear foot of zoning lot frontage, or 100 square feet, whichever is less.

Commented [EV46]: This regulation is on par with our peer communities. Currently wall signs are limited to a maximum of four feet in height and a maximum of 100 square feet in area.

3. Display Standards

(a) If a raceway is visible as part of a wall sign, the color of the raceway must match the color of the exterior of the façade.

Commented [EV47]: Adding in a requirement that raceways match the color of the exterior of the façade, which was borrowed from peer communities' regulations. This is another way to monitor sign aesthetics and clashing colors.

H. Window Signs

Window signs shall be permitted subject to the following:

1. Location

(a) Window signs are permitted in the SA 1, SA 2, SA 3, SA 4, C-1, C-3, C-4, C-5, I-1 and I-2 zoning districts.

2. Size

(a) Window signs shall not exceed 25% of the window area. This shall be enforceable for temporary and permanent window signs, and shall be enforceable regardless of when the window signs were installed.

Commented [EV48]: Currently the maximum coverage for window signs is 40%. I am proposing to reduce this to 25%, which is closer to peer communities' regulations. This should be enforceable regardless of when the window signs were put up. The reasoning behind this is that they are not hard to install or take down, so existing windows should be come into conformity via enforcement ASAP if this ordinance is approved.

This was changed from 20% to 25% per PZC recommendation on 7/25/19.

(1) The following types of temporary signs are permitted in the following districts:

Sign Type	Residential Districts	Station Area Districts		Commercial Districts			Industrial Districts	Open Space Districts
		SA 1, SA 2, SA 3, SA 4	SA 5, SA 6	C-1	C-3	C-4, C-5		
	A, A-1, A-2, A-3, B, B-1	SA 1, SA 2, SA 3, SA 4	SA 5, SA 6	C-1	C-3	C-4, C-5	I-1, I-2	S-1, S-2
A-Frame Signs		●	○		●	●		
Banner Signs	○	●	○	●	●	●	●	
Temporary Residential Signs	●	●	●	●	●	●		

Commented [EV49]: Similar to the previous table, I have added a table that shows which temporary sign types are allowed, and where. In the current ordinance, “temporary signs” include any sign that is put up for a temporary period of time. These are challenging to regulate and can turn into an unsightly problem. The recommendations from the existing conditions report stated that the temporary signage restrictions need to be overhauled. With the addition of this table, only three types of temporary signs will now be permitted. If a temporary sign does not fit into one of these categories, it will not be allowed.

I have also removed content regulation by creating the category of “Temporary Residential Signs” which is intended to include political signs, yard sale signs, and real estate signs while remaining content neutral.

● = Permitted

○ = Permitted for non-residential uses

Section 42-88 Temporary Sign Regulations

(1) Temporary Sign Types

Each business is permitted have one temporary sign type at a time.

A. A-Frame Signs

A-Frame signs shall be permitted subject to the following:

1. Location

(a) A-Frame signs are permitted in the SA 1, SA 2, SA 3, SA 4, C-3, C-4, and C-5 districts. They are also permitted in the SA 5 and SA 6 district for non-residential uses.

(b) A-Frame signs may be located on the sidewalk, but at least four feet of sidewalk must be maintained so as not to interfere with pedestrian traffic or accessibility.

2. Size

(a) A maximum of one A-Frame sign shall be permitted per business.

(b) A-Frame signs shall not exceed 4 feet in height.

(c) A-Frame signs shall not exceed 8 square feet in area.

3. Display Standards

(a) A-Frame signs may be displayed on a daily basis.

(b) A-Frame signs must be removed during times when the business is closed.

Commented [EV50]: Under the current code, A-Frame Signs (sandwich boards) are regulated under “portable signage,” which includes other types of signage that is easily moved. I am proposing to pare this down to A-Frames which can be a positive addition to pedestrian oriented corridors.

B. Banner Signs

Banner signs shall be permitted subject to the following:

1. Location

(a) Banner signs are permitted in the SA 1, SA 2, SA 3, SA 4, C-1, C-3, C-4, C-5, I-1 and I-2 districts. They are also permitted in the A, A-1, A-2, A-3, B, B-1, SA 5, and SA 6 districts for non-residential uses.

(b) Banner signs shall be no higher than the height of the building or 15 feet above grade level, whichever is lower; and no lower than seven feet, six inches above grade level.

2. Size

(a) A maximum of one banner sign is permitted per business.

(b) No banner sign shall exceed 80 square feet.

3. Display Standards

(a) Banner signs shall be displayed for no more than one 30 day period in one calendar year.

(b) If the sign refers to a specific event or occurrence, the sign shall be removed within three days after said event or occurrence.

C. Temporary Residential Signs

Temporary residential signs are permitted without a permit if they conform to the standards listed in this section. If they do not, they are subject to removal by the Village. Temporary residential signs shall be permitted subject to the following:

1. Location

(a) Temporary residential signs are permitted in the A, A-1, A-2, A-3, B, B-1, SA 1, SA 2, SA 3, SA 4, SA 5, SA 6, C-1, C-3, C-4, and C-5 districts.

(b) Temporary residential signs shall be located no closer than 3 feet from the property line. Signs shall also be located at least 15 feet from any other lot, parcel or tract.

2. Size

(a) A maximum of two temporary residential signs are permitted per property.

(b) No temporary residential sign shall exceed 6 square feet in area.

(c) No temporary residential sign shall project higher than 42 inches above the ground level at the base of the sign.

3. Display Standards

Commented [EV51]: This category refers to any temporary sign on residential property. This could be a for sale sign, a political sign, a youth sports sign, construction sign, or a yard sale sign. Due to Reed v. Gilbert, the regulations have to be content neutral. There will not require a permit, but will be subject to removal if they do not conform.

Commented [EV52]: This was initially a maximum of one sign, but was changed to two after input from PZED.

Commented [EV53]: Removed the requirement that temporary residential signs are not permitted for more than 90 days per calendar year. On 7/25/19 PZC recommended consultation with the Village attorneys regarding this question, and their response suggested that this may be hard to uphold in court.

~~(a) If the sign is associated with an event or sale, the sign shall not be allowed to be maintained for more than three days after the event, closing of the sale or rental of the property.~~

~~DIVISION 2. RESIDENTIAL DISTRICTS~~

~~Sec. 42-112. Applicability.~~

~~This division shall apply to signs in residential districts and only those classes of signs specified in this division shall be permitted in those districts; provided, however, that signs identified as unregulated in section 42-3 are also permitted in residential districts.~~

~~(Code 1964, § 31-8(a); Ord. No. 1983-12, 6-27-1983; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~(Code 1964, § 31-8(b); Ord. No. 1983-12, 6-27-1983; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-114. Real estate Signs.~~

~~Real estate signs shall be permitted in residential districts subject to the following:~~

~~(1) — Area and number. There shall be not more than one such sign for each lot, parcel or tract. No sign shall exceed six square feet in area. In computing the area of a real estate sign, the structural supports adjacent to and coterminous with the sign face, if any, shall be considered part of the display and thus of the sign surface area.~~

~~(2) — Height. No sign shall project higher than 42 inches above the ground level at the base of the sign.~~

~~(3) — Location. No sign shall be located closer than 15 feet to any other lot, parcel or tract.~~

~~(4) — Removal. Signs shall not be allowed to be maintained for more than three days after the closing of the sale or rental of property.~~

~~(Code 1964, § 31-8(c); Ord. No. 1983-12, 6-27-1983; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-115. Parking area signs.~~

~~Parking area signs shall be permitted in residential districts, subject to the following:~~

~~(1) — Area and number. Signs designating parking area entrances or exits are limited to one sign for each such exit or entrance and to a maximum size of four square feet each. In addition, one sign designating the existence per parking area and limited to a maximum size of four square feet shall be permitted.~~

~~(2) — Height. No sign shall project higher than seven feet above the ground level at the base of the sign.~~

~~(Code 1964, § 31-8(d); Ord. No. 1983-12, 6-27-1983; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-116. Church identifications signs.~~

~~Church identification signs shall be permitted in residential districts, subject to the following:~~

~~(1) — Area and number. There shall be no more than one sign per lot, parcel or tract. No sign shall exceed 30 square feet in area.~~

~~(2) — Height. No sign shall project higher than seven feet above the ground level at the base of the sign.~~

~~(3) — Location. No sign shall be located closer than 15 feet to any other lot, parcel or tract.~~

(Code 1964, § 31 8(e); Ord. No. 1983 12, 6 27 1983; Ord. No. 1990 8, 2 12 1990; Ord. No. 97 32, 6 23 1997)

~~Sec. 42 117. Religious, educational and civic group changeable copy signs.~~

~~Church, religious group, school and civic group changeable copy signs shall be permitted in residential districts, subject to the following:~~

- ~~(1) Area and number. There shall be no more than one sign per lot, parcel or tract. No sign shall exceed 30 square feet in area.~~
- ~~(2) Height. No sign shall project higher than 72 inches above the ground level at the base of the sign.~~
- ~~(3) Location. No sign shall be located closer than 15 feet to any other lot, parcel or tract.~~

(Code 1964, § 31 8(f); Ord. No. 1983 12, 6 27 1983; Ord. No. 1990 8, 2 12 1990; Ord. No. 97 32, 6 23 1997)

~~Sec. 42 118. Temporary signs.~~

- ~~(a) Generally. Temporary signs shall be allowed for a period not to exceed 30 days. If the sign refers to a specific event or occurrence, the sign shall be removed within three days after said event or occurrence.~~
- ~~(b) Construction signs. In connection with the construction or remodeling of a building, there shall be permitted one sign not exceeding eight square feet in area. Construction signs shall be removed within two weeks after completion of the work indicated. Construction signs shall not be illuminated.~~
- ~~(c) Rummage or garage sale signs. Temporary signs erected in connection with a rummage sale or garage sale shall be permitted in residential districts limited to one sign not exceeding eight square feet in area, and no such sign shall continue to be used for more than three days. Rummage and yard sale signs shall not be illuminated.~~

(Code 1964, § 31 8(g); Ord. No. 1983 12, 6 27 1983; Ord. No. 1990 8, 2 12 1990; Ord. No. 97 32, 6 23 1997)

~~Sec. 42 119. Prohibited advertising signs.~~

~~Notwithstanding any other provision of this division, any sign, permanent or temporary, which advertises one or more products or services are prohibited in all residential districts except for signs advertising the sale of real estate located upon the lot for sale, garage or rummage sale signs located on the premises of the garage or rummage sale, or construction signs located on the premises being built or remodeled.~~

(Code 1964, § 31 8(h); Ord. No. 1983 12, 6 27 1983; Ord. No. 1990 8, 2 12 1990; Ord. No. 97 32, 6 23 1997)

~~Sec. 42 120. Setback requirement.~~

~~No sign shall be located closer than ten feet to any other lot, parcel, or tract.~~

(Code 1964, § 31 8(g); Ord. No. 1983 12, 6 27 1983; Ord. No. 1990 8, 2 12 1990; Ord. No. 97 32, 6 23 1997)

~~Secs. 42 121—42 138. Reserved.~~

~~DIVISION 3. COMMERCIAL DISTRICTS~~

~~Sec. 42 129. Applicability.~~

~~This division shall apply to signs in commercial districts and only those classes of signs specified in this division shall be permitted in these districts.~~

~~Sec. 42-140. Wall signs.~~

~~Wall signs shall be permitted in commercial districts subject to the following:~~

- ~~(1) Location. All wall signs shall be located within, or shall not extend more than 12 inches from the wall of any building; and any sign attached to the wall of a building shall be attached in such a manner that the face of the sign is substantially parallel to such wall and shall not include any message on that portion of the sign extending from the building. The maximum overall vertical dimension of wall signs shall be four feet.~~
- ~~(2) Height. Wall signs shall be no higher than the height of the building or 15 feet above grade level, whichever is lower; and no lower than seven feet, six inches above grade level. Any sign which projects again not greater than 12 inches from the face of the wall shall be at least seven feet, six inches above grade level.~~

~~(Code 1964, § 31-2(a); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-141. Freestanding signs.~~

~~Freestanding signs shall be permitted in commercial districts subject to the following:~~

- ~~(1) Number. Only one such sign per business establishment shall be permitted.~~
- ~~(2) Location. Freestanding business signs shall be permitted in front yards only. No freestanding business sign may be erected on, over, or within five feet of any public right-of-way.~~
- ~~(3) Height. Freestanding business signs shall be no higher than 35 feet above the curb level.~~

~~(Code 1964, § 31-2(b); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-142. Window signs.~~

~~Window signs shall be permitted on commercial districts, provided that the sum total of all window identification and window promotional signs shall not exceed 40 percent of the total area of the windows in which they are located. A series of windows which are separated by frames and supporting material less than six inches in width shall be considered as a single window for the purposes of computation.~~

~~(Code 1964, § 31-2(c); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-143. Real estate signs.~~

~~Real estate signs shall be permitted in commercial districts subject to the following:~~

- ~~(1) Area and number. No such sign erected upon property in any commercially zoned district by the terms of village zoning regulations shall exceed 16 square feet in area. No such sign erected upon property in any industrial zoned district by the terms of village zoning regulations shall exceed 32 square feet in area. There shall be not more than one such sign for each lot, parcel or tract, except that on a corner lot one such sign is permitted for each of two intersecting streets. Further provided that where parcels exceed 50 lineal feet in street right of way frontage, one sign may be permitted for each 50-foot frontage, or~~

fraction thereof; however, the number of such signs permitted shall not exceed a total of three in number.

~~(2) — Height. No sign shall project higher than 72 inches above the property line.~~

~~(3) — Location. Freestanding signs shall not be located less than ten feet to any other lot, parcel or tract. Wall signs shall not infringe on any adjacent lot, parcel or tract.~~

~~(Code 1964, § 31-2(d); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-144. — Area and size of signs.~~

~~The total aggregate area for all permanent freestanding, wall, and window identification signs on any single parcel of property shall not exceed two times the lineal front footage of the principal display side of the property and no single freestanding wall or window identification sign shall exceed in any event an area of 100 square feet, total face area.~~

~~(Code 1964, § 31-2(e); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-145. — Business signs at automobile service stations.~~

~~In addition to other signs permitted under this chapter, the following signs accessory to automotive service stations are permitted:~~

~~(1) — Racks for the orderly display of cans of engine oil may be located on or at the ends of each pump island.~~

~~(2) — Two tire racks (not more than eight feet in length, six feet in height and five feet in depth) for the purpose of displaying new tire casings shall be permitted for each gasoline or tire service station. Such racks shall comply with all setback and yard requirements. Such racks shall only advertise the products contained thereon. Such racks must be enclosed after closing of business.~~

~~(3) — Items for sale on the premises can be displayed within 25 feet of the property line, provided that said display must comply with all applicable fire regulations. Products may be displayed under pump island canopies or between pumps within the area of the pump island base.~~

~~(Code 1964, § 31-2(f); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-146. — Awning and canopy signs.~~

~~Awnings and canopy signs shall be permitted in commercial districts subject to the following:~~

~~(1) — There shall be established a minimum of seven feet of clearance from ground level to the lowest element of the awning or canopy sign.~~

~~(2) — Neither the body of the awning or canopy nor its supports shall be allowed to project more than five feet from the wall of any building; however, in no case shall such projection be permitted to infringe on any adjacent lot, parcel or tract.~~

~~(3) — Lettering, numbers, symbols, characters, trademarks, and the like appearing upon the body or apron of any awning shall not exceed 18 inches in height.~~

~~(4) — There is hereby established a limit of one line of letters and numeric characters permitted upon any awning or canopy.~~

~~(5) No use of symbols, characters, trademarks, pictures or similar illustrations or pictorial representations shall be permitted as any matter of right under the terms of this subsection, except as may be allowed on the line of permitted lettering.~~

~~(6) The top of any awning or canopy, including its structural elements, shall be no higher than the height of the building or 15 feet above grade, whichever is lower.~~

~~(Code 1964, 5-31-2(g); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-147. Temporary signs.~~

~~Only the following classes of temporary signs shall be permitted in commercial districts, subject to the following:~~

~~(1) There shall be permitted a maximum of one sign at any one time during any period, and no limit on the number of periods per year, provided the total amount of calendar days shall not exceed 90 days in any calendar year. No sign shall be erected to be in conflict with the location restrictions of this chapter.~~

~~(2) In connection with the construction or remodeling of a building, there shall be permitted one sign not to exceed 16 square feet in area. Said sign shall be removed within two weeks after completion of the work or structure indicated.~~

~~(3) Temporary signs erected in connection with a particular event shall not be erected more than 30 days before said event. In addition, such signs shall be removed within three days following the event.~~

~~(4) All other temporary signs shall be allowed for a maximum of 30 days unless otherwise specifically provided in this chapter.~~

~~(5) Temporary signs shall not exceed 16 square feet in area and shall not be illuminated.~~

~~(Code 1964, 5-31-2(h); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-148. Portable signs.~~

~~(a) Portable signs erected in connection with a grand opening or similar event, are permitted in commercial districts as follows:~~

~~(1) One such sign shall be allowed for each lot, parcel or tract not exceeding eight square feet in area, where the length does not exceed the perpendicular height by a factor of two, or perpendicular height does not exceed the width by a factor of two. The sign shall only be displayed during the hours of operation of the business holding the permit and shall meet all other regulations of this chapter regarding location and placement.~~

~~(2) One such sign shall be allowed for each lot, parcel or tract not exceeding 32 square feet in area, where the length does not exceed the perpendicular height by a factor of two, or perpendicular height does not exceed the width by a factor of two. The sign shall be permitted for a maximum of four periods in each calendar year; each such period shall not exceed 15 calendar days in length.~~

~~(b) No portable signs shall be in conflict with location restrictions of section 42-61.~~

~~(Code 1964, 5-31-2(i); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-149. Window promotional signs.~~

~~Non illuminated temporary sale signs in windows shall be permitted.~~

~~(Code 1964, 5-31-2(j)); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Sec. 42-150. Projecting signs.~~

~~Only one sign per wall shall be permitted and not to exceed two on a corner building. The area of the sign is not to exceed 50 square feet, and no sign shall extend to a height greater than 35 feet from the ground to the top of the sign, nor shall any sign be lower than 13 feet from the ground to the bottom of the sign. Signs are not to extend higher than the roof of a building except in the case of one-story buildings; signs may exceed the roof height by two feet.~~

~~(Code 1964, 5-31-2(k); Ord. No. 1983-12, 6-27-1983; Ord. No. 1989-29, 6-29-1989; Ord. No. 1990-8, 2-12-1990; Ord. No. 97-32, 6-23-1997)~~

~~Secs. 42-151 – 42-168. Reserved.~~

- Requiring the removal of non-conforming signs after a business closes

ARTICLE V. - NONCONFORMING SIGNS

Sec. 42-169. - Continuation conditionally authorized.

All signs representing existing businesses legally in existence on the effective date of the ordinance from which this chapter is derived that are not in compliance with the intent of this chapter and which exist in a structurally safe and sound manner, shall be termed legal nonconforming ~~signs uses~~ and may be continued only as provided in this chapter.

(Code 1964, § 31-12(a); Ord. No. 1983-12, 6-27-1983)

Sec. 42-170. - Lapse, discontinuance or abandonment of nonconforming status.

Whenever a nonconforming ~~sign structure use of a sign~~ has been discontinued or abandoned for a period of ~~six consecutive months~~ 30 days, or when the corresponding commercial use has discontinued its operations at the subject premises, the non-conforming sign structure shall be removed. ~~or whenever there is evident a clear intent on the part of the owner to abandon a nonconforming use, such use shall not, after being discontinued or abandoned, be re-established; and the Subsequent businesses' signs on the property shall use of the sign~~ hereafter ~~shall~~ be in conformity with the regulations of this Code.

(Code 1964, § 31-12(b); Ord. No. 1983-12, 6-27-1983)

Sec. 42-171. - Normal maintenance permitted.

Normal maintenance of a nonconforming sign is permitted, including necessary nonstructural repairs and incidental alterations which do not extend or intensify the nonconforming use.

(Code 1964, § 31-12(c); Ord. No. 1983-12, 6-27-1983)

Sec. 42-172. - Structural alteration, enlargement or extension prohibited; exception.

Commented [EV54]: Currently, non-conforming signs are permitted to remain until abandoned or discontinued for a period of six months. I am proposing to change that period of time to 30 days. This means that both obsolete signs need to be removed within 30 days, but also if the sign structure does not conform to the code (i.e., a pole sign that is too tall, or too large), it cannot be used again and will need to be removed.

No structural alteration, enlargement or extension shall be made for a nonconforming sign, unless the alteration is required by law or the alteration will actually result in the elimination of the nonconforming use.

(Code 1964, § 31-12(d); Ord. No. 1983-12, 6-27-1983)

Sec. 42-173. - Damage to or destruction of nonconforming sign.

- (a) If a nonconforming sign is damaged or destroyed by any means to the extent of 50 percent or more of its replacement value at that time, the sign can be rebuilt or used thereafter only for a conforming use and in compliance with the provisions of this Code.
- (b) In the event the damage or destruction is less than 50 percent of its replacement value, based upon prevailing costs, the sign may then be restored to its original condition and use until the nonconforming sign is otherwise abated by the provisions of this Code.
- (c) In either event, restoration or repair of the sign must be started within a period of six months from the date of damage or destruction and diligently pursued to completion.
- (d) In every case, the reconstructed sign shall conform to the building and electrical codes in force at the time of its reconstruction, except where such sign is in a condition which causes a peril to the public health, safety and welfare. If the sign exists as a peril, the Chief Building Inspector ~~code enforcement officer~~ can order repair or removal by the owner immediately.

(Code 1964, § 31-12(e); Ord. No. 1983-12, 6-27-1983)

Sec. 42-174. - Expiration of nonconforming status.

Notwithstanding any provision of this article to the contrary, all legal nonconforming signs shall comply with the following provisions:

- (1) Within one year following the effective date of the ordinance from which this chapter is derived, all legal nonconforming signs shall be brought into compliance with the provisions of section 42-57 regarding the intensity of illumination. All illuminated signs shall not produce more than 30 foot candles of illumination four feet from the sign.
- ~~(2) Upon the transfer of business property, all nonconforming signs shall be brought into compliance with this chapter within six months following the date of title transfer of the property, unless the sign is intended to be used without alteration and does not become an off-premises nonconforming sign.~~
- ~~(2) (3)~~ No conforming sign shall be erected on the same premises with an existing nonconforming sign until the nonconforming sign has been removed or made to conform. However, in commercial centers, the fact that one particular business or activity has a nonconforming sign will not prohibit another business or activity on the same premises from erecting a conforming sign.

(Code 1964, § 31-12(f), (g); Ord. No. 1983-12, 6-27-1983)

Secs. 42-175—42-201. - Reserved.

ARTICLE VI. ~~—~~ VARIANCES AND HISTORIC SIGN DESIGNATIONS

Sec. 42-202. - Authority to grant; required findings.

The village board, by ordinance, may vary the regulations of this chapter, provided the board makes a finding of fact based upon the standards hereinafter prescribed that the application of the letter of the regulations of this chapter will create practical difficulties or particular hardships for the applicant and will not result in harm to public

Commented [EV55]: The requirement that signs be brought into compliance within 6 months of transfer of property is difficult to enforce. The strict removal of nonconforming signs after 30 days of vacancy should assist with bringing things into compliance.

health, safety and welfare. The village board may also grant historic sign designations to allow for the protection and continuance of obsolete or non-conforming signs that reflect the historic character of the Village of Brookfield.

(Code 1964, § 31-11(b)(1); Ord. No. 1983-12, 6-27-1983; Ord. No. 89-58, 12-7-1989; Ord. No. 2006-64, 9-11-2006)

Sec. 42-203. ~~Application for Variance.~~

Applications for variations may be filed by any person having a proprietary interest in property. Such applications for variations ~~shall be filed with the village code enforcement department and shall forward a copy of the same to the planning and zoning commission without delay. The application shall be in such numbers of copies, be in such form and contain such information as the village board may prescribe from time to time, but~~ shall in all instances contain the following:

- (1) The name and address and telephone number of the applicant and the owner of the property in question and the owner of the business, if different;
- (2) Street address of the property in question and legal description of the property in question;
- (3) A concise written statement explaining the nature of the variation being sought, or the sections of this chapter which the variation is being sought, and the extent of the sign's compliance with the standards set forth; and
- (4) Photographs or scale drawings as may be appropriate to explain the nature of the sign or to explain the need for the variation.

(Code 1964, § 31-11(b)(2); Ord. No. 1983-12, 6-27-1983; Ord. No. 89-58, 12-7-1989; Ord. No. 2006-64, 9-11-2006; Ord. No. 2013-69, § 15, 12-16-2013)

~~Sec. 42-204. Public hearing.~~

~~The code enforcement department shall refer the application for variation to the village planning and zoning commission for the purpose of holding a public hearing thereon pursuant to the rules for public hearings provided in this chapter and by state law. Following the hearing, the planning and zoning commission shall transmit to the village board a written report giving its findings as to the proposed variation and giving its recommendations for action to be taken by the president and board of trustees.~~

~~(Code 1964, § 31-11(b)(3)(A); Ord. No. 1983-12, 6-27-1983; Ord. No. 89-58, 12-7-1989; Ord. No. 2006-64, 9-11-2006; Ord. No. 2013-69, § 16, 12-16-2013)~~

~~Sec. 42-205. Fees and other costs.~~

- ~~(a) Before filing with the planning and zoning commission any notice of appeal from or application for review of any ruling or action of the village manager or other official designated by the village board under this chapter, or any petition by one or more property owners for any change in the regulations established under this chapter, such appellant, applicant, or petitioner filing same shall pay to the village manager the sum provided in the village fee schedule for an appeal or application for review of any ruling.~~
- ~~(b) The appellant, applicant, or petitioner filing each petition shall be responsible for the publication of required notices of public hearings in connection with said petition prescribed by this chapter and the full costs associated therewith.~~
- ~~(c) In addition to the fees set forth with regard to a petition, the village shall require an applicant to deposit an additional sum of money with the village for the actual cost of the processing of the proceedings excluding the~~

Commented [EV56]: Removing repetitive information – the variance process is discussed elsewhere in the code.

Commented [EV57]: Removing this information because it is the same process as a regular variance, so this section is repetitive information.

~~time, facilities and supplies incurred or utilized by fulltime village employees. When the village manager or his designee should reasonably believe that the costs likely to be incurred by the village or costs previously incurred exceed seven hours of secretarial time, five hours of transcription time or involve additional costs for attorneys or other personnel, the village manager or his designee shall require the applicant to deposit or pay a sum of money anticipated to cover the actual increased costs of the village. If, at the conclusion of the hearing, all of the funds deposited have not been expended, the applicant shall receive a refund of such unexpended additional deposit. If additional funds above the level of the initial deposit have been or are about to be incurred, a further deposit may be required. No hearing shall be scheduled, or, if scheduled, shall proceed until the amount of the deposit or payment has been made for any hearing which has been scheduled until the provisions of this section have been complied with.~~

~~(d) No filing fee or deposit shall be required for motions or petitions hereunder initiated by the village board or the planning and zoning commission.~~

~~(Code 1964, § 31-11(b)(3)(B); Ord. No. 1983-12, 6-27-1983; Ord. No. 89-58, 12-7-1989; Ord. No. 2006-64, 9-11-2006; Ord. No. 2013-69, § 17, 12-16-2013)~~

Sec. 42-206. Standards for Variance.

- (a) *Existing signs.* With respect to existing signs, a variation from the regulations of this chapter shall not be granted unless evidence is presented that:
- (1) Because of unusual circumstances concerning the signs in question, the strict enforcement of the regulations as set forth in this chapter would impose an undue hardship on the applicant.
 - (2) The proposed variation would not merely serve as a convenience to the applicant but will alleviate some demonstrable hardship not generally applicable to other properties.
 - (3) The waiver of any of the provisions of this chapter would not have a detrimental effect on any other nearby property, or to the general public.
 - (4) The proposed variation is in harmony with the spirit and intent of this chapter.
- (b) *New signs.* With respect to the erection of new signs, a variation from the regulations set forth in this chapter shall not be granted unless evidence is presented that:
- (1) The proposed variation will not be materially detrimental to other nearby property;
 - (2) Notwithstanding the benefits, the property in question will suffer some demonstrable and irreversible hardship if made to conform to the strict letter of this chapter;
 - (3) The alleged hardship has not been created by anyone presently having a proprietary interest in the property; and
 - (4) The proposed variation is in harmony with the spirit and intent of this chapter.

(Code 1964, § 31-11(b)(4); Ord. No. 1983-12, 6-27-1983; Ord. No. 89-58, 12-7-1989; Ord. No. 2006-64, 9-11-2006)

Sec. 42-207. Variance Procedure and Appeal to Village Board.

The procedure for sign variances shall follow the same procedure for zoning variances, which is outlined in Section 62-759 of the Village Code. All appeals from decisions of the village planning and zoning commission shall be directed to the village board who shall have final authority.

(Code 1964, § 31-11(b)(3)(C); Ord. No. 1983-12, 6-27-1983; Ord. No. 89-58, 12-7-1989; Ord. No. 2006-64, 9-11-2006; Ord. No. 2013-69, § 18, 12-16-2013)

Sec. 42-208. – Application for Historic Sign Designation

Applications for historic sign designation may be filed by the owner of the property on which the sign is located. These applications shall include the following:

- (a) Written history of the sign and explanation of its significance to Brookfield’s history
- (b) Maintenance plan for the sign’s upkeep with contact information for responsible party
- (c) Plan for reconstruction or removal if the sign becomes damaged and/or hazardous

Sec. 42-209 Standards for Historic Sign Designation

In order to receive designation as a historic sign, a sign must meet the following criteria:

- (a) Age – The proposed sign must be a minimum of 15 years old.
- (b) Significance – The proposed sign must possess significant and historic value to the Village of Brookfield.
- (c) Design – The proposed sign must possess unique physical design characteristics such as configuration, message, color, texture, materials, illumination, etc.

Sec. 42-210 Procedure for Historic Sign Designation

- (a) An application for historic sign designation shall be filed by the owner of the sign (or property at which the sign is located) with the Village Planner four weeks in advance of the proposed Planning and Zoning Commission meeting.
- (b) The petitioner shall comply with the same public noticing requirements as are required for a variance.
- (c) At the Planning and Zoning Commission meeting, the commission shall receive sworn testimony and evidence pertaining to the request for historic sign designation and any objections thereto. Within 30 calendar days after the conclusion of the public hearing, the Planning and Zoning Commission shall render its recommendation for consideration of the Village Board.
- (d) The Village Board shall act on the request for historic sign designation.
- (e) Historic sign designation shall be made effective in ordinance form.
- (f) Historic sign designation shall be effective for five years from the date of ordinance. Applicants must re-apply and receive historic sign designation before the five year deadline. Historic sign designation renewal is unlimited if it lawfully receives approval from the Village Board of Trustees.

Commented [EV58]: May need to change PZC section of the Village Code to include Historic Sign Designation as a responsibility.

Commented [EV59]: Added a section to ensure that historic sign designation is only effective for 5 years and must be renewed per the PZC recommendation on 7/25/19.