



VILLAGE OF RIVER FOREST REGULAR VILLAGE BOARD MEETING

Monday, October 26, 2020 – 7:00 PM
Village Hall – 400 Park Avenue – River Forest, IL 60305
Community Room

AGENDA

Physical attendance at this public meeting is limited to 20 individuals, with Village Board officials, staff and consultants having priority over members of the public. Public comments will be shared with the Village President and Board of Trustees. You may submit your written public comments via email in advance of the meeting to: vbot@vrf.us. You may listen to the meeting by participating in a Zoom conference call as follows: dial-in number: 312-626-6799 with meeting ID: 830 0482 1807 or by clicking here: <https://us02web.zoom.us/j/83004821807>. If you would like to speak during public comment, please email sphyfer@vrf.us by 4:00 PM on Monday, October 26, 2020. If you would like to watch the livestream, please go to the Village website: www.vrf.us/events/event/1646.

1. Call to Order/Roll Call
2. Pledge of Allegiance
3. Citizen Comments
4. Elected Official Comments & Announcements
 - a. Recognition of River Forest Public Library Director Sue Quinn – Resolution
 - b. Recognition of the Life of Sr. Michelle Germanson, O.P. – Resolution
5. Consent Agenda
 - a. Village Board of Trustees Meeting Minutes October 12, 2020
 - b. Village Board of Trustees Special Meeting Minutes October 15, 2020
 - c. Approval of FY 2021 Compensation Plan – Ordinance
 - d. FY 2021 Budget Amendment – Ordinance
 - e. Letter of Support for a Joint Illinois Transportation Enhancement Program Grant Application with the Village of Elmwood Park for Streetscape Improvements on North Avenue
 - f. Village Administrator's Report
6. Consent Items for Separate Consideration
7. Recommendations of Boards, Commissions and Committees
8. Unfinished Business
 - a. Culture of Equity and Inclusion Partnership (TRHT) with Dominican University – Resolution
9. New Business
 - a. Review of Village's Stormwater Master Plan RFP
 - b. Follow-Up Discussion on Automated Water Metering Infrastructure (AMI)
 - c. Project Update: Bicycle Plan Implementation
10. Executive Session
11. Adjournment



Village of River Forest
Village Administrator's Office

400 Park Avenue
River Forest, IL 60305
Tel: 708-366-8500

MEMORANDUM

Date: October 22, 2020

To: Catherine Adduci, Village President
Village Board of Trustees

From: Sara Phyfer, Management Analyst/Deputy Clerk

Subj: A Resolution Recognizing Sue Quinn for Her Distinguished Public Service to the River Forest Public Library

Attached, please find a Resolution recognizing Sue Quinn on the occasion of her retirement from the River Forest Public Library. Ms. Quinn's 13 years of service has been invaluable to the community. At its meeting on October 20, 2020, the River Forest Library Board appointed Ms. Quinn as Distinguished Director Emerita of the Library, and this Resolution is in recognition of her dedication and service and to extend the Village Board's support of this appointment.

Recommendation

It is recommended that the Board make a motion to approve the Resolution Recognizing Sue Quinn for Her Distinguished Public Service to the River Forest Public Library.

Attachments:

- Resolution



RESOLUTION NO. 20-

A RESOLUTION RECOGNIZING SUE QUINN FOR HER DISTINGUISHED PUBLIC SERVICE TO THE RIVER FOREST PUBLIC LIBRARY

WHEREAS, on the occasion of her retirement from the River Forest Public Library (RFPL), and in special recognition of her distinguished service and invaluable contributions, the River Forest Board of Trustees wishes to honor Sue Quinn; and

WHEREAS, Ms. Quinn began her service to the Library and the Village of River Forest in 2007 as Children's Librarian, and thereafter promoted to Children's Services Manager (2010, Interim 2008-2010), Strategic Planning Manager (2013), Assistant Director (2015), and ultimately Library Director (2016); and

WHEREAS, during Ms. Quinn's tenure, she has had many remarkable achievements, including:

- In 2012, Ms. Quinn received the Illinois Library Association's annual Davis Cup Award for her "outstanding contribution in library service to young people;" and
- In 2013, working with a group of community leaders and residents, Ms. Quinn developed and executed a Strategic Plan that refocused the Library's energy and work to a community-focused strategy for collections, services, and programs; and
- In 2014, Ms. Quinn worked with the Library Board to help establish the RFPL Foundation to increase public awareness of the Library, foster a commitment to the Library through private donations, and enhance the vitality of the Library, now and for future generations; and
- Over the past decade, Ms. Quinn was instrumental in securing the physical library building, updating mechanical systems throughout the building, overseeing critical repairs to the slate roof; and spearheading major renovations, including updating the beloved Marion Lahey Children's Room, reconfiguring the teen space, reconfiguring and updating the adult space, and undertaking a major and long-overdue renovation of the Lobby and staff work areas; and
- Time after time, Ms. Quinn has skillfully led the Library through numerous challenges, from boiler outages and frozen pipes, to threats of demonstrators, to the COVID-19 pandemic of 2020; and
- Regardless of her position, Ms. Quinn has worked tirelessly to enhance the Library's reputation, provided strong leadership, been a cherished mentor to the library staff, endeared herself to patrons, been an indelible partner to the Village of River Forest, and inspired all those whose lives she has touched, and

WHEREAS, the Village Board of Trustees, Village Staff, and the residents of the Village of River Forest owe Ms. Quinn a debt of gratitude for her outstanding worth ethic and her strong and exceptional leadership for the past thirteen years; and

WHEREAS, Ms. Quinn and her husband Mike have been steadfast supporters of the Library, actively promoting it within the River Forest community.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of River Forest, Cook County, Illinois that the Board, for its members and the citizens of the Village of River Forest, extend its deepest appreciation to Ms. Quinn for her dedication and service to the Library and the community and extend its support in the River Forest Public

Library Board's appointment of Ms. Quinn as Distinguished Director Emerita of the River Forest Public Library.

Passed on a roll call vote of the Corporate Authorities on the 26th day of October, 2020.

AYES:

NAYS:

ABSENT:

Catherine Adduci, Village President

APPROVED by me this 26th day of October, 2020.

Kathleen Brand-White, Village Clerk



Village of River Forest

Village Administrator's Office

400 Park Avenue

River Forest, IL 60305

Tel: 708-366-8500

MEMORANDUM

Date: October 22, 2020

To: Catherine Adduci, Village President
Village Board of Trustees

From: Eric J. Palm, Village Administrator

Subj: Passing of Sr. Michelle Germanson, O.P.

As you may have heard, Sr. Michelle Germanson, O.P. who served as the long time President of Trinity High School passed away this week. The Village of River Forest sends it condolences to the entire Trinity High School family on this immeasurable loss.

The Village is preparing a Resolution to honor Sr. Michelle, but was unable to do so by our board packet deadline. Staff will distribute before the meeting on Monday.

Thank you.

**VILLAGE OF RIVER FOREST
REGULAR VILLAGE BOARD OF TRUSTEES MINUTES
Monday, October 12, 2020**

A regular meeting of the Village of River Forest Board of Trustees was held on Monday, October 12, 2020 at 7:00 p.m. in the Community Room of Village Hall, 400 Park Avenue – River Forest, IL.

1. CALL TO ORDER/ROLL CALL

The meeting was called to order at 7:00p.m. Upon roll call, the following persons were:

Present: President Adduci, Trustees Bachner, Brennan, Cargie, Henek, O'Connell, Vazquez, Village Clerk Kathleen Brand-White

Absent: None

Also Present: Village Administrator Eric Palm, Assistant Village Administrator Lisa Scheiner, Assistant to the Village Administrator Jonathan Pape, Management Analyst Sara Phyfer, Police Chief James O'Shea, Finance Director Rosemary McAdams, Fire Chief Kurt Bohlmann, Public Works Director John Anderson, Village Engineer Jeff Loster, Village Attorney Greg Smith

2. PLEDGE OF ALLEGIANCE

President Adduci led the pledge of allegiance.

3. CITIZEN COMMENTS

None.

4. ELECTED OFFICIAL COMMENTS & ANNOUNCEMENTS

a. Swearing in of New Firefighter/Paramedic Jarrett Ercoli

Fire Chief Bohlmann introduced Jarrett Ercoli to the Village Board, and he was sworn in by Village Clerk Brand-White.

Trustee Bachner read a statement to acknowledge that this land was once inhabited by indigenous people and stated that River Forest continues to be a place that people from diverse backgrounds live and gather. She wished everyone a Happy Indigenous Peoples' Day, Hispanic and Latinx Heritage Month, and she stated that the Census end date is October 31. She announced the meet and greet event on Saturday for the equity group regarding the Twin Village Covenant with Maywood.

In response to a question from Trustee Bachner, Administrator Palm provided an update about the Lake and Lathrop project. He explained the developers have been working on an electrical switchover with ComEd and continue the process of soil remediation.

There was some additional discussion about the project's timing and whether it is in compliance with the redevelopment agreement. President Adduci noted that they are working towards the steps to getting a building permit and that with winter coming soon, it is estimated that construction will begin in spring 2021. Trustee Vazquez asked that the discussion return to Elected Official Comments and Announcements.

Trustee Cargie reported the Deer Management Committee is working on getting a date that works for the most members to meet next, which will likely be in November.

Trustee Vazquez congratulated Firefighter/Paramedic Ercoli. He reported on the Age Friendly Communities Collaborative meeting he and President Adduci attended and stated Grace Mueller of the Metropolitan Mayors Caucus will possibly be doing some research for the Age Friendly Committee. He reported on the other topics of discussion, which included training regarding dementia. He stated the next meeting is December 3.

Trustee Brennan acknowledged Indigenous Peoples' Day and stated she is looking forward to the Twin Village event on Saturday. She also commented about the Village's beauty in the fall. She also reminded residents to lock their cars in their driveways due to an uptick in vehicle break ins.

Assistant Village Administrator Scheiner clarified the timelines in this RDA and building permits for approved planned developments, noting that once the permit is issued, the developer will have 18 months to complete construction. President Adduci stated that at this point, the Lake and Lathrop project is on target in terms of dates. Administrator Palm explained the challenges the developer has had with regard to remediation and ComEd.

In response to a question from Trustee Henek, Administrator Palm stated he believes the developer is at 8 pre-sales but does not have an up-to-date number.

Trustee Henek wished everyone a happy Indigenous Peoples' Day. She reported that she and her son were able to participate in the community bike ride through Proviso Township and suggested a joint neighboring community bike ride next year. She requested that the proclamations be pulled from the Consent Agenda.

Trustee O'Connell expressed hope that everyone is staying safe, wearing masks, and social distancing. He commended Finance Director McAdams and Staff regarding the Village's financial position and thanked Administrator Palm and President Adduci for keeping the Village on solid financial footings. He also stated now is the time to begin a plan for recovery to help existing businesses grow. He asked Staff to work with the Economic Development Commission to hire a professional development firm to create a plan for the Madison Street TIF District.

President Adduci reported that prior to tonight's meeting, she and Chief O'Shea presented the Twin Village Covenant and Affordable Housing Plan to the Peace and Justice Committee from the St. Luke's Parish, noting that they are interested in working with Dominican University as well. She reported that she and Trustee Vazquez led a seminar with over 50 other municipalities for the Age Friendly Communities Collaborative meeting and that she

also attended a seminar for Smarter Government and Local Government Transformation Strategies.

5. CONSENT AGENDA

- a. Committee of the Whole Meeting Minutes September 21, 2020
- b. Village Board of Trustees Meeting Minutes September 29, 2020
- c. Village Board of Trustee Executive Session Meeting Minutes September 29, 2020
- d. Special Village Board of Trustees Meeting Minutes October 5, 2020
- e. Proclamation Designating October 12, 2020 as Indigenous Peoples' Day
- f. Proclamation Designating October 2020 as Domestic Violence Awareness Month
- g. Proclamation Designating October 2020 as Italian American Heritage Month
- h. Proclamation Designating October 2020 as Hispanic Heritage Month
- i. Right-of-Way Encroachment Agreement at 628 William for a Sprinkler System
- j. Waive Competitive Bidding and Approve Emergency Repair of Fire Engine 222 due to Water Pump Repair from Certified Fleet Services, Inc. for \$34,018.00
- k. Performance Measurement Report
- l. Monthly Department Reports
- m. Accounts Payable – September 2020 – \$1,494,134.68
- n. Financial Report – September 2020
- o. Village Administrator's Report

Trustee Henek made a motion, seconded by Trustee Cargie, to approve the Consent Agenda items A-D and I-O.

Roll call:

Ayes: Trustees Bachner, Brennan, Cargie, Henek, O'Connell, Vazquez

Absent: None

Nays: None

Motion Passes.

Trustee Cargie made a motion, seconded by Trustee Bachner, to approve the Consent Agenda items E-H.

Trustee Henek stated she asked to have the proclamations pulled because agenda placement seemed inconsistent. She also asked whether the intention was for them to be President Adduci's voice or the voice of the Board.

President Adduci stated it is the voice of the Board and that these items are on the Consent Agenda for efficiency.

In response to a further question from Trustee Henek, Village Attorney Smith clarified that a proclamation is an official statement by the elected Village President and that they can be read aloud or placed on the consent agenda for efficiency. He stated the vote is the ratification of the proclamations.

Trustee Henek stated she would vote in the affirmative because she thinks the proclamations are important and suggested writing the proclamations differently if the intent is to be the Village Board's voice. She also stated it would have been helpful if Indigenous Peoples' Day proclamation was on the previous meeting's agenda.

Trustee Bachner commented about each of the proclamations and thanked President Adduci for them. She stated these are important to her.

Roll call:

Ayes: Trustees Bachner, Brennan, Cargie, Henek, O'Connell, Vazquez

Absent: None

Nays: None

Motion Passes.

6. CONSENT ITEMS FOR SEPARATE CONSIDERATION

- a. Accounts Payable from the General Fund to McDonald's-Karavites for \$163.51
(Trustee O'Connell Common Law Conflict of Interest)

Trustee Brennan made a motion, seconded by Trustee Henek, to approve payment from the General Fund to McDonald's-Karavites for \$163.51.

Roll call:

Ayes: Trustees Bachner, Brennan, Cargie, Henek, Vazquez

Abstain: Trustee O'Connell

Absent: None

Nays: None

Motion Passes.

7. RECOMMENDATIONS OF BOARDS, COMMISSIONS AND COMMITTEES

- a. Traffic and Safety Commission – Appoint Kimberly Hoyt (Cleary Vacancy) – Member, Remaining Term Expiring 4/30/21

Trustee Vazquez made a motion, seconded by Trustee O'Connell, to concur with the recommendation of the Village President to appoint Kimberly Hoyt to the Traffic and Safety Commission for the remainder of the term expiring April 30, 2021.

Trustee Vazquez stated he personally work with Ms. Hoyt on the D200 Reimagine Workshop.

Roll call:

Ayes: Trustees Bachner, Brennan, Cargie, Henek, O'Connell, Vazquez

Absent: None

Nays: None

Motion Passes.

8. UNFINISHED BUSINESS

- a. Discussion on the Culture of Equity and Inclusion with Dominican University (Truth, Racial Healing and Transformation)

President Adduci introduced Dr. Sheila Radford-Hill.

Dr. Radford-Hill discussed the anti-racist work on the Dominican campus and working with the community more broadly. She reviewed the history of TRHT and discussed the model's framework. She discussed the benefits and expanded impact of working together in a partnership. She explained that the next step toward the partnership would be for Dominican and the Village to each pass a resolution, and to designate liaisons with each working group to support and collaborate on efforts, including with the Twin Village Covenant group. Dr. Radford-Hill also reviewed the TRHT working groups within Dominican.

Trustee Bachner thanked Dr. Radford-Hill for taking the time to walk through these things and having good conversations generally. She stated she is looking forward to the beginning of this relationship and finding ways to use and learn from each other as a community.

Trustee Henek thanked Dr. Radford-Hill as well for her clear and thoughtful presentation and echoed Trustee Bachner's comments. She stated all will be learning along the way and evolving in their thinking.

Trustee Vazquez echoed these sentiments and stated he likes that it is much more expansive and inclusive and not just the Village but other respective stakeholders, and maybe eventually neighboring villages. He stated this is a great start and expressed that he is looking forward to it as well.

Trustee Vazquez thanked Dr. Radford-Hill and asked about timelines for the working groups to make recommendations to the Village. Dr. Radford-Hill stated they want to promote collaboration and that this work may require changes in policies, practices, and procedures. She stated that how they work to develop depends on what is being looked at and how fast they want to move, noting that some could be done soon but others would take longer. She confirmed that it is not a matter of a final report but final recommendations supported by stakeholders.

In response to a question from Trustee Vazquez, Dr. Radford-Hill stated they will be looking at data as well as lived experiences in order to alleviate suffering where it exists.

Trustee Brennan thanked Dr. Radford-Hill as well and stated she and Dominican are a wonderful partner to have in the community, and she emphasized how much work there is to do.

President Adduci stated that she and Dr. Radford-Hill have talked many times about this idea and that there is so much to do, and she commented that the community at large can be a

better community. She noted there will be interactions among all the working groups and expressed her excitement for this endeavor.

Trustee O'Connell thanked Dr. Radford-Hill and asked whether Concordia would be built into this network. Dr. Radford-Hill stated they now have a liaison from Concordia who will be working with them and that the next step is putting timelines together. She reiterated that they have every intention to spread the TRHT message.

President Adduci thanked everyone involved and stated her intent is to put the partnership resolution together for the next Village Board meeting.

Dr. Radford-Hill recognized and thanked her colleagues.

President Adduci emphasized that the Village looks forward to the long-term relationship this partnership will bring.

Trustee Bachner suggested codifying the internal advisory group around equity at the next meeting with Dominican.

President Adduci stated it may make sense to approve the partnership at the next meeting and the advisory group at the following meeting in order to allow enough time to discuss the partnership.

Trustee O'Connell stated he would like to have more information on the advisory group and that he is not ready to vote on it.

President Adduci stated they will get to it but it may not be the next Board meeting.

9. NEW BUSINESS

a. Review and Acceptance of the FY 2020 Comprehensive Annual Financial Report (CAFR)

Trustee Vazquez made a motion, seconded by Trustee Henek, to accept the Village's Comprehensive Annual Financial Report for the Fiscal Year Ended April 30, 2020.

Finance Director McAdams introduced the Comprehensive Annual Financial Report and introduced Kimberly Marshall from BKD.

Ms. Marshall reviewed highlights of the report.

Roll call:

Ayes: Trustees Bachner, Brennan, Cargie, Henek, O'Connell, Vazquez

Absent: None

Nays: None

Motion Passes.

b. Mid-year Budget & Financial Report

Administrator Palm [presented](#) the report. He highlighted the impact of COVID-19 on revenues, stating the Village has applied for \$160,942 in grant funding through FEMA and the CARES Act. He stated Staff anticipates an overall reduction in original budget estimates of \$418,357, and he reviewed expenditures, including a significant increase in fire and police pension obligations. He concluded that the Village's finances continue to be in a strong position and that Staff will continue to monitor revenues and expenditures through the fiscal year and report back to the Village Board with further adjustments.

In response to a question from Trustee O'Connell, Finance Director McAdams stated they estimate receiving approximately \$7,000 in revenues from the cannabis sales tax. She noted those revenues must be used for police training purposes or programs.

In response to a question from Trustee Brennan, Administrator Palm clarified the different types of motor fuel tax funds and allowed expenditures. Director McAdams stated the Village received its first payment for July sales after enacting the \$.03/gallon tax for just under \$1,700. President Adduci explained the State's allowable expenses for certain MFT dollars is restricted to large, bondable projects and noted the Illinois Municipal League is advocating for policy changes to make the money usable for smaller communities such as River Forest.

President Adduci thanked Staff for their work and noted most municipalities are facing significant budget shortfalls. She said the Village is in a good financial position because the Board has put together sound financial policies for Staff to implement. She stated she is happy to report the good news and discussed how pension obligations affect all municipalities. She noted the pension consolidation effort occurring in Springfield could bring relief. President Adduci thanked everyone for keeping the community financially strong and providing the services residents expect.

Administrator Palm noted Staff will be bringing a budget amendment to the Board at a future meeting to approve the changes discussed.

c. Infrastructure/Review of Keystone Flooding Options, Acceleration of Alley Reconstruction & Funding Options

Public Works Director Anderson reviewed the Advanced Metering Infrastructure project, which would allow for automatic water meter reading and leak detection. He noted it would improve customer service and employee efficiency. He noted the project would cost approximately \$1.1 million.

In response to a question from Trustee Henek, Administrator Palm noted 1/3 of water meters have already been replaced with this technology. Director Anderson reviewed the equipment lifespan. Mr. Palm stated he did not have a cost-savings because it requires a third-party to complete the analysis but that there would be savings involved.

In response to a question from Trustee Bachner, Mr. Palm stated a consultant would help determine how many antennas would be needed.

In response to a question from Trustee Cargie, Mr. Palm explained the responsibilities of members of the water department and stated a system upgrade would not result in the loss of an employee.

In response to a question from Trustee Henek about where antennas would be located, Mr. Palm stated there would be more information available once a consultant was engaged. In response to a follow up question, Director Anderson stated the consultant fee is included in the project cost.

In response to a question from Trustee Vazquez, Mr. Palm stated the bond would be paid out of the water fund and explained it is flexible to cover the debt service.

In response to a question from Trustee Brennan about how long it would take for all the meters to be replaced on the regular schedule, Director Anderson estimated it would take about 10 years, and there was a brief discussion about the financial impact of replacement in bulk versus on the regular replacement schedule.

Mr. Palm noted the next step is to finalize and implement the RFP.

Village Engineer Loster summarized the Keystone flooding project and discussed Staff's recommendation to connect Keystone and Division catch basins to MWRD lines on Division to mitigate flooding in this area. Mr. Palm noted this would provide relief to the south of this area as well.

In response to a question from Trustee O'Connell, Mr. Loster explained the tributary area is around Division Street and clarified that by separating the two catch basins, it would take water out of the existing system and provide more capacity to handle water in the other areas. He noted the hope is to solve a street flooding issue prior to a capacity issue occurring.

In response to a question from Trustee Bachner about the potential for creating other problems, Mr. Loster explained the MWRD system and how to prevent backflow events. He stated he did not anticipate this works would cause additional problems other than sewer backflows, which Staff will work to prevent from occurring.

In response to a question from Trustee Cargie, Mr. Loster stated MWRD has agreed in concept to allow the change to the existing connection.

In response to a question from Trustee Brennan about the impact of the work already done, Mr. Loster stated the line obstructions were significant but that the sizing of the lines is inadequate and this would be the next step to ensure a reduction in flooding.

In response to a question from Trustee Henek, Mr. Loster stated homeowners would be responsible for clearing roots at connections. Trustee Henek also suggested looking for a way to stay ahead of potential obstructions in order to notify residents.

In response to a question from Trustee Bachner about 9" pipes, Mr. Loster stated it is the smallest pipe but not uncommon.

President Adduci noted the stormwater master plan would give a global look of the age and size of pipes and a replacement plan.

Mr. Palm reviewed the alley reconstruction project, noting that 14 of 33 alleys in the Village are "green" to help channel water away from private property. He explained that reconstructing the remaining alleys would cost approximately \$4 million and discussed how the debt would be issued.

In response to a question from President Adduci, Mr. Loster stated the alleys are throughout the Village but the bulk are in the south end.

In response to a question from Trustee Henek regarding pavement ratings, Mr. Loster explained some of the older alleys have new driving surfaces but still have drainage problems, that the ratings are just based on drivability, and that coupled with resident reports of drainage issues determine which alleys get completed.

In response to a question from Trustee Henek regarding potential costs per alley, Mr. Loster explained the unit pricing calculation utilized and discussed the economies of scale aspect.

In response to a follow up question from Trustee Henek, Mr. Loster stated drainage impacts are brought to Staff's attention by residents and vary greatly, so it would be difficult to say which alleys are priorities.

In response to a question from President Adduci, Mr. Loster explained how drainage on a property can contribute to water being conveyed to alleys, and that the new alley designs help address and mitigate yard flooding.

In response to a follow up question from President Adduci regarding mitigating yard flooding through permeable paver alleys, Mr. Palm stated the new alleys have provided a substantial improvement.

In response to a question from Trustee Cargie about red light camera revenue, Mr. Palm explained the alternative funding options such as IDOT, MFT, and DSEB funds.

In response to a follow up question from Trustee Cargie about bulge spending, Mr. Palm explained that the alleys would get a long lifespan.

In response to a question from Trustee Brennan, Mr. Palm stated grants would not cover the entire cost of the projects and that money is not guaranteed every cycle.

In response to a follow up question from Trustee Brennan, Mr. Loster stated the Village has continued to tweak the design of the pavers and explained that there could be an increased cost to an increase in permeable materials.

Mr. Palm noted the benefit of the aggregate for capacity for the water to drain.

Trustee Henek commented about having a better sense of where there are water issues in order to focus efforts because of concerns of the financial impact of COVID.

President Adduci noted the dual benefit of re-constructing alleys to alleviate flooding and taking water out of the sewer system.

Trustee O'Connell stated the budget presentation reflects the Village's good financial standing and that flooding will continue to happen over time based on deterioration.

In response to a question from Trustee Cargie, Mr. Palm confirmed the debt service would be approximately the same as what the Village already spends annually.

President Adduci emphasized the benefit to residents versus the funds and also congratulated the Sustainability Commission for their award from the MWRD for Best Sustainable Landscaping.

The Village Board reached a consensus to move forward with these projects.

d. Approval of Contract for Building Permit Software with Davenport, Inc. for \$103,508

Trustee Bachner made a motion, seconded by Trustee Vazquez, to award a contract in the amount of \$103,508 to Davenport Group USA, Ltd. for the acquisition of the right to use Davenport's LAMA Software and professional implementation services for the configuration of and training on the LAMA software.

Assistant Village Administrator Scheiner [presented](#) and reviewed the reasons for purchasing this software and explained the customer service enhancements and operational efficiencies new software would bring. She reviewed the history of vendor selection and provided an overview of the software's features. Ms. Scheiner also explained the financial impact of the upgrade.

In response to a question from Trustee O'Connell, Ms. Scheiner stated the software will be cloud based and that Staff still anticipates a lot of foot traffic at the front counter.

In response to a question from Trustee Bachner about residents who may not be technologically savvy, Ms. Scheiner stated there will be a public education and communication piece as part of the software's implementation and roll out. She acknowledged there will be a learning curve among contractors and residents, but noted the process is as simple as completing an online form and uploading documents. She stated most

of the customer service Staff provides is to the contractors, who will probably become accustomed to this fairly quickly as other municipalities move towards online systems.

In response to a comment from President Adduci, Ms. Scheiner stated the Village will not be cutting off levels of service such as people calling or coming into the office. She emphasized the goal is to increase customer service, not reduce it, and to make the process more efficient.

Trustee Vazquez commended Staff for bringing this project in under budget.

In response to a concern from Trustee Brennan about software breaches, Ms. Scheiner explained that the vendor is required to include cyber-coverage as part of its insurance and that the Village also carries it. Ms. Scheiner explained there would be a third-party payment portal vendor that the Village already uses that is separate from the vendor.

Trustee Henek stated this is great and commended Staff.

President Adduci stated she is glad that the Village got here and that it rounds out their automation strategy.

Roll call:

Ayes: Trustees Bachner, Brennan, Cargie, Henek, O'Connell, Vazquez

Absent: None

Nays: None

Motion Passes.

10. EXECUTIVE SESSION

None.

11. ADJOURNMENT

Trustee Vazquez made a motion, seconded by Trustee Henek, to adjourn the regular Village Board of Trustees Meeting at 10:48p.m.

Roll call:

Ayes: Trustees Bachner, Brennan, Cargie, Henek, O'Connell, Vazquez

Absent: None

Nays: None

Motion Passes.

Kathleen Brand-White, Village Clerk

VILLAGE OF RIVER FOREST SPECIAL VILLAGE BOARD MEETING MINUTES

October 15, 2020

A special meeting of the Village of River Forest Board of Trustees was held at 4:00 p.m. on Thursday, October 15, 2020 at the front lawn of 815 Bonnie Brae, River Forest, Illinois.

1. CALL TO ORDER/ROLL CALL

The meeting was called to order at 4:03 p.m. Upon roll call, the following persons were:

Present: President Adduci, Trustees Henek, Vazquez, and O'Connell

Absent: Trustees Bachner, Brennan, and Cargie

Also Present: Village Administrator Eric Palm and Village Engineer Jeff Loster

2. CITIZEN COMMENTS

There was no official public comment as residents made their comments during the discussion with the Developer.

3. DISCUSSION WITH RESIDENTS OF 800 BLOCK OF BONNIE BRAE REGARDING FENCING AT CHICAGO AND HARLEM DEVELOPMENT

The purpose of the meeting was to discuss the request of the residents on the 800 block of Bonnie Brae who wished to have a taller fence installed between their rear property line and the Senior Lifestyles development. The approved planned development permit requires the installation of an 8' tall wood privacy fence while the residents are requesting a 12' fence.

The residents spoke to the previous on-site meetings that were held on the topic. At one of those meetings, the residents sought a 12' fence instead of the 8' fence and were told that option would be aggressively pursued. The 12' fence is being requested to provide additional privacy, noise/sound mitigation (from deliveries, etc.) and enhance property values. The residents believe this a time for the developer to provide good will by accommodating this request.

Bob Gawronski and Pete Smith represented The Sheridan at River Forest. Bob thanked the residents for coming to the meeting and empathized with them regarding the nature of living next to the project during stay-at-home requirements because of COVID-19. He believes there is a better alternative to address the concerns of the residents and asked landscape architect Wendy Schulenberg to provide examples.

Wendy provided examples of installing the approved 8' fence along with taller arborvitae/evergreen bushes that would start at 8'-10' and grow upwards to 20' over time. They would be planted 4' apart to accommodate future growth. She believes a 12' fence would not be appropriate in this setting and loom over the residential properties. The arborvitae bushes would be planted in addition to any other

landscaping that was previously agreed upon between the homeowner and developer. The developer was willing to plant as many arborvitae as needed on the residents' properties. The developer is also willing to remove any private property fencing (with residents' consent) and ancillary cleanup as the new fence is installed.

The developer indicated they were not willing to install the 12' fence for aesthetic reasons. Anything over 8' is out of scale on their property.

There was also a discussion regarding the developer lowering the height of the on-site lighting more than one foot and to add shields to further reduce impact to the residents, which will be done. Certain lights will be strategically installed behind garages, again to mitigate impact. All but two lights are behind garages. The developer offered to show the residents the light head and locations on their property.

The developer would not object to residents who wished to install a 12' fence on their private property. The developer would also be willing to provide residents with the cash equivalent of the arborvitae and decorative trees in lieu of the actual plantings, but cautioned that the value of said landscaping would probably be less than the cost of a 12' fence.

The residents indicated they would collectively discuss the matter and be back in touch with the developer. The developer indicated that time was of the essence.

4. ADJOURNMENT

Trustee O'Connell made a motion, seconded by Trustee Vazquez, to adjourn the special Village Board of Trustee Meeting at 4:41 p.m.

MOTION passed on unanimous voice vote.

Village Clerk



Village of River Forest
Village Administrator's Office
400 Park Avenue
River Forest, IL 60305
Tel: 708-366-8500

MEMORANDUM

Date: October 13, 2020

To: Eric Palm, Village Administrator

From: Lisa Scheiner, Assistant Village Administrator

Subj: Adoption of Fiscal Year 2020-2021 Compensation Plan

Issue: The Village of River Forest's compensation plan is intended to provide an attractive, flexible and market-based compensation plan that is tied to performance and aligned with Village goals and interests. The goal is for the Village of River Forest to be competitive in recruiting and retaining employees through its high-quality compensation practices. Equally important, compensation practices are a means for communicating the Village's standards of performance and for motivating and rewarding employees in relation to their achievements.

In 2012 the Village completed an analysis of its Compensation Plan for non-union employees, including both the plan structure and the pay levels of non-union Village employees relative to the market. The review indicated that salaries were at 75% of the market average in accordance with the Board's compensation philosophy. However, changes to the compensation plan incorporated structured pay grades, a mechanism for moving employees through pay ranges and best management practices. As a result, a new Compensation Plan was adopted by the Village Board in 2012. This plan is reviewed annually by the staff and may be reviewed periodically by the Village's compensation consultant.

Recommended revisions are typically presented to the Village Board for annual adoption in advance of the new Fiscal Year. However, the financial impact to the Village of the COVID-19 pandemic was unknown to the Village on May 1, 2020. As a result, no adjustments to non-union salaries have been made. Based on six months of financial data and the discussion that was held at the October 12, 2020 Village Board meeting, Staff now presents an adjusted compensation plan that would become effective November 1, 2020 for the Board's consideration.

Analysis: *Market Analysis:* When the Compensation Plan was adopted in 2012 it eliminated annual cost-of-living adjustments and shifted toward a performance based pay plan. However, to ensure that the Village maintains its compensation strategy of paying at approximately 75% of the market average rate, Staff examines the external market to determine whether market adjustments are appropriate.

Staff has examined both internally and externally comparable data, as well as the CPI, and recommends a 2% market adjustment to all salary ranges for non-union personnel for Fiscal Year 2020-2021 effective November 1, 2020 with no retroactivity to the start of the Fiscal Year. This adjustment was included in the FY 2021 budget but deferred due to COVID-19.

Request for Board Action: Motion to approve an Ordinance adopting the Fiscal Year 2020-2021 Compensation Plan effective November 1, 2020.

Documents Attached:

- Ordinance
- Ordinance Attachment A – Fiscal Year 2020-2021 Plan

ORDINANCE NO. _____

AN ORDINANCE ADOPTING THE FISCAL YEAR 2020-2021 COMPENSATION PLAN

WHEREAS, in Fiscal Year 2013 the Board of Trustees considered the salary structure of the municipal employees and determined that a comprehensive analysis and revision of the compensation system was required;

WHEREAS, upon completion of a Compensation Study conducted by Voorhees Associates, the Board of Trustees implemented a compensation system with established pay grades and pay ranges and salary adjustments based on merit and performance;

WHEREAS, the Fiscal Year of the Village of River Forest begins on May 1, 2020, and the Budget Ordinance for the Village has been adopted;

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

Section 1: The President and Board of Trustees find that all of the recitals set forth above are true and correct, and there are hereby incorporated by reference as if set forth fully.

Section 2: The amended Fiscal Year 2020-2021 Compensation Plan is hereby approved, as shown as attached Exhibit A and applies to all non-union employees.

Section 3: The Village Administrator is hereby authorized and directed to take all necessary steps to carry out this Ordinance, as shown in the Fiscal Year 2020-2021 Compensation Plan for all non-union employees, attached as Exhibit A and accordingly, is authorized to adjust the compensation of non-union employees in accordance with the established pay ranges as set forth in Exhibit A.

Section 4: This Ordinance shall take effect on November 1, 2020.

PASSED on a roll call vote of the Corporate Authorities on the 26th day of October, 2020.

AYES:

NAYS:

ABSENT:

APPROVED by me this 26th day of October, 2020.

Village President

APPROVED and FILED in my office this 26th day of October, 2020 and published in pamphlet form in the Village of River Forest, Cook County, Illinois.

ATTEST:

Village Clerk

VILLAGE OF RIVER FOREST, ILLINOIS
FY 2021 SALARY SCHEDULES

Ordinance Attachment A

Grades 1 - 4 - Defined Merit - Clerical/Service 11 Defined Merit Increments; 5% between grades; 2.75% between increments; 30% range												Exemplary Performance Zones	
Grade	Min	Prob.	a	b	c	d	e	f	g	h	Max	2%	4%
1	\$43,564	\$44,762	\$45,993	\$47,258	\$48,558	\$49,893	\$51,265	\$52,675	\$54,123	\$55,612	\$57,141	\$1,143	\$2,286
2	\$45,742	\$47,000	\$48,293	\$49,621	\$50,985	\$52,388	\$53,828	\$55,308	\$56,829	\$58,392	\$59,998	\$1,200	\$2,400
3	\$48,030	\$49,350	\$50,707	\$52,102	\$53,535	\$55,007	\$56,520	\$58,074	\$59,671	\$61,312	\$62,998	\$1,260	\$2,520
4	\$50,431	\$51,818	\$53,243	\$54,707	\$56,211	\$57,757	\$59,346	\$60,978	\$62,655	\$64,378	\$66,148	\$1,323	\$2,646

Grades 5 - 9 - Defined Merit/Open Range Blend - Administrative Support/Technical 6 Defined Merit Increments to final increment; 2.75% between increments Open Range from the final increment to the max 5% between grades; 45% total range										Exemplary Performance Zones	
Grade	Min	Prob.	a	b	c	d		Max.		2%	4%
5	\$52,313	\$53,751	\$55,230	\$56,748	\$58,309	\$59,912		\$76,089		\$1,522	\$3,044
6	\$54,928	\$56,439	\$57,991	\$59,586	\$61,224	\$62,908		\$79,893		\$1,598	\$3,196
7	\$57,675	\$59,261	\$60,891	\$62,565	\$64,286	\$66,053		\$83,888		\$1,678	\$3,356
8	\$60,559	\$62,224	\$63,935	\$65,693	\$67,500	\$69,356		\$88,082		\$1,762	\$3,523
9	\$63,586	\$65,335	\$67,132	\$68,978	\$70,875	\$72,824		\$92,486		\$1,850	\$3,699

Grades 10 - 14 - Open Range Plan Professional/Supervisory 5.5% between grades; 35% range				Exemplary Performance Zones	
Grade	Min.		Max.	2%	4%
10	\$72,319		\$97,631	\$1,953	\$3,905
11	\$76,297		\$103,000	\$2,060	\$4,120
12	\$80,493		\$108,665	\$2,173	\$4,347
13	\$84,920		\$114,642	\$2,293	\$4,586
14	\$89,591		\$120,947	\$2,419	\$4,838

Grades 15 - 17 - Open Range Plan Management 5.5% between grades; 35% range				Exemplary Performance Zones	
Grade	Min.		Max.	2%	4%
15	\$100,985		\$136,330	\$2,727	\$5,453
16	\$106,539		\$143,828	\$2,877	\$5,753
17	\$112,399		\$151,739	\$3,035	\$6,070

Grade 18 - Open Range Plan Village Administrator 48% range				Exemplary Performance Zones	
Grade	Min.		Max.	2%	4%
18	\$135,039		\$199,857	\$3,997	\$7,994

Grade	Positions
1	Custodian
2	Accounting Clerk/Customer Service
3	Accounting Clerk/Accounts Payable
4	Community Service Officer
5	Administrative Clerk
6	Permit Clerk
7	Police Records Clerk
8	Utility Billing Clerk
9	Building Maintenance Technician
10	Administrative Assistant
11	Police Records Supervisor
12	Building & Zoning Inspector
13	Executive Assistant
14	Building Official
15	Fire Marshal
16	Management Analyst/Deputy Village Clerk
17	Accounting Supervisor
18	Assistant to the Village Administrator
19	Public Works Superintendent
20	Assistant Finance Director
21	Police Commander
22	Village Engineer
23	Deputy Police Chief
24	Deputy Fire Chief
25	Department Heads
26	Assistant Village Administrator
27	Village Administrator



MEMORANDUM

DATE: October 21, 2020

TO: Eric Palm, Village Administrator

FROM: Rosey McAdams, Finance Director

SUBJECT: Fiscal Year 2021 Budget Amendment

Attached is an ordinance amending the Fiscal Year 2021 Village of River Forest Annual Budget. The amendment adjusts revenues in the General Fund based on actual receipts received year to date and projections for the remainder of the fiscal year. Adjustments made to expenditures include the removal of the annual CERF transfer out of the General Fund and an increase in the General Fund budgeted amount for contributions to the Village's Police and Firefighters Pension Funds by \$377,144. The required contributions to be levied with the 2020 Property Tax Levy, based on the actuarial report prepared by Lauterbach & Amen, are higher than the contributions that had previously been estimated by our actuary. Sufficient fund reserves are available to accommodate the increase.

The requested budget amendment is as follows:

Description	Account Number	Original Budget	Budget Amendment	Amended Budget
<u>General Fund</u>				
Sales Tax	01-00-00-41-1200	\$1,870,834	(\$145,268)	\$1,725,566
Non-home Rule Sales Tax	01-00-00-41-1210	\$845,232	(\$184,052)	\$661,180
State Income Tax	01-00-00-41-1250	\$1,173,060	(\$39,480)	\$1,133,580
Use Tax	01-00-00-41-1205	\$396,606	\$44,688	\$441,294
Restaurant Tax	01-00-00-41-1190	\$164,877	(\$63,995)	\$100,882
Daily Metra Parking Fees	01-00-00-43-3200	\$51,840	(\$48,794)	\$3,046
Permit Parking Fees	01-00-00-43-3220	\$129,709	(\$89,787)	\$39,922
Police Tickets	01-00-00-44-4230	\$168,055	(\$69,111)	\$98,944
Grants and Contributions	01-00-00-46-6532	\$0	\$160,942	\$160,942
<u>Total General Fund Revenue Adjustments</u>		<u>\$4,800,213</u>	<u>(\$434,857)</u>	<u>\$4,365,356</u>
Contribution to Police Pension	01-40-00-53-0009	\$1,609,434	\$221,177	\$1,830,611
Contribution to Fire Pension	01-50-00-53-0010	\$1,535,040	\$155,967	\$1,691,007

Transfer to CERF	01-xx-xx-57-5013	\$500,329	(\$500,229)	\$0
<u>Total General Fund Expenditure Adjustments</u>		<u>\$3,644,803</u>	<u>(\$123,085)</u>	<u>\$3,521,618</u>

Capital Equipment Replacement Fund

Transfer from General Fund	13-00-00-47-7001	\$500,329	(\$500,329)	\$0	\$0
<u>Total Capital Equipment Replacement Fund</u>		<u>\$500,329</u>	<u>(\$500,329)</u>	<u>\$0</u>	

- Requested Board Action:
1. *Motion to pass **An Ordinance Amending the Annual Budget for Corporate Purposes for the Fiscal Year Commencing on the 1st Day of May 2020 and Ending on the 30th Day of April 2021 for the Village of River Forest, Illinois.***

**AN ORDINANCE AMENDING THE ANNUAL BUDGET FOR CORPORATE PURPOSES FOR THE
FISCAL YEAR COMMENCING ON THE 1ST DAY OF MAY, 2020 AND
ENDING ON THE 30TH DAY OF APRIL, 2021
FOR THE VILLAGE OF RIVER FOREST, ILLINOIS**

BE IT ORDAINED by the President and Board of Trustees of the Village of River Forest, County of Cook, State of Illinois:

Section 1: That the following sums of money, or as much thereof as may be authorized by the Village of River Forest, Cook County, Illinois, are hereby budgeted for corporate purposes and objects of said Village hereinafter specified for the fiscal year commencing on the 1st day of May 2020 and ending on the 30th day of April 2021.

Description	Account Number	Original Budget	Budget Amendment	Amended Budget
<u>General Fund</u>				
Sales Tax	01-00-00-41-1200	\$1,870,834	(\$145,268)	\$1,725,566
Non-home Rule Sales Tax	01-00-00-41-1210	\$845,232	(\$184,052)	\$661,180
State Income Tax	01-00-00-41-1250	\$1,173,060	(\$39,480)	\$1,133,580
Use Tax	01-00-00-41-1205	\$396,606	\$44,688	\$441,294
Restaurant Tax	01-00-00-41-1190	\$164,877	(\$63,995)	\$100,882
Daily Metra Parking Fees	01-00-00-43-3200	\$51,840	(\$48,794)	\$3,046
Permit Parking Fees	01-00-00-43-3220	\$129,709	(\$89,787)	\$39,922
Police Tickets	01-00-00-44-4230	\$168,055	(\$69,111)	\$98,944
Grants and Contributions	01-00-00-46-6532	\$0	\$160,942	\$160,942
Contribution to Police Pension	01-40-00-53-0009	\$1,609,434	\$221,177	\$1,830,611
Contribution to Fire Pension	01-50-00-53-0010	\$1,535,040	\$155,967	\$1,691,007
Transfer to CERF	01-xx-xx-57-5013	\$500,329	(\$500,229)	\$0
<u>Capital Equipment Replacement Fund</u>				
Transfer from General Fund	13-00-00-47-7001	\$500,329	(\$500,329)	\$0

Section 2: That any sum of money heretofore budgeted and not heretofore expended and now in the treasury of the Village of River Forest, or that may hereinafter come into the treasury of the Village of River Forest, is hereby appropriated by this ordinance.

Section 3: This ordinance shall be in full force and effect from and after its passage, approval and publication in pamphlet form as provided by law.

Passed on a roll call vote of the Corporate Authorities on the 26th day of October 2020.

AYES: _____

NAYS: _____

ABSENT: _____

Village Clerk

APPROVED by me this 26th day of October 2020.

Village President

APPROVED and FILED in my office this _____ day of October, 2020 and published in pamphlet form in the Village of River Forest, Cook County, Illinois.

Village Clerk



Village of River Forest

Village Administrator's Office

400 Park Avenue
River Forest, IL 60305
Tel: 708-366-8500

MEMORANDUM

Date: October 22, 2020

To: Catherine Adduci, Village President
Village Board of Trustees

From: Eric J. Palm, Village Administrator

Subj: Resolution of Support – North Avenue ITEP Grant

Issue: The Village has been notified there is another round of Illinois Transportation Enhancement Program (ITEP) funding being made available to local municipalities. Similar to our partnership with Forest Park for the Madison Streetscape improvements, the Village of Elmwood Park has asked if the Village would be interested in proceeding with a joint application request for North Avenue. We have applied previously for North Avenue and been unsuccessful.

Analysis: The Villages are looking at a streetscape grant application similar to what was submitted for the Madison Street project. The project area would be the north and south sides of North between Harlem and Lathrop. The estimated total cost of this project is \$3,288,000. The maximum ITEP grant award is \$2 MM. That would leave the local share at \$1,288,000 or \$644,000 apiece. Unfortunately, neither town has the resources to financially support a project that goes west to Thatcher at this time. The Village could consider future expansion at a later time.

The Village would charge this project to the North Avenue TIF fund. The TIF fund would be loaned money most likely from the general fund or the capital improvement fund as not enough increment would be available. pay for this project using reserves from the capital improvement or motor fuel tax funds.

The improvements would include new street lighting, sidewalk replacement, brick pavers, benches, and median planter boxes. Attached please find a sketch showing the preliminary improvements from which a budget was based. Also, attached is a Resolution for you to consider and approve that would support the joint application. Projects would be announced in Spring 2021.

Recommendation: Consider and approve the attached Resolution that authorizes the submittal of a grant application for ITEP for the Elmwood Park/River Forest North Avenue Streetscape project.

Attachments

Resolution

Preliminary Site Plan

Budget

RESOLUTION NO. 20-XX

**A RESOLUTION AUTHORIZING THE SUBMITTAL OF A GRANT APPLICATION
FOR ILLINOIS TRANSPORTATION ENHANCEMENT PROGRAM FUNDS FOR
THE ELMWOOD PARK AND RIVER FOREST
NORTH AVENUE STREETScape PROJECT**

WHEREAS, federal grant funding is available through the Illinois Transportation Enhancement Program (ITEP) administered by the Illinois Department of Transportation; and

WHEREAS, these ITEP funds are to be utilized to fund projects which enhance the transportation system by serving a transportation need or by providing a transportation use or benefit; and

WHEREAS, River Forest and Elmwood Park plan to implement a joint project for streetscape enhancements along North Avenue from Lathrop Avenue to Harlem Avenue; and

WHEREAS, the proposed project is eligible for funding under ITEP; and

WHEREAS, Elmwood Park will be the lead applicant submitting an application to the Illinois Department of Transportation for a financial assistance grant in the amount of \$1,999,431 which is 61 percent of the total project cost, under the Illinois Transportation Enhancement Program for the purpose of funding the North Avenue Streetscape Project.

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF RIVER FOREST, COOK COUNTY, ILLINOIS, AS FOLLOWS:

SECTION 1: The Village of River Forest commits to local matching funds in the amount of \$644,468 for the proposed project with the understanding that the Village of Elmwood Park has committed to local matching funds in the amount of \$644,468.

SECTION 2: The President of the Village of River Forest is hereby authorized and directed to sign a letter of intent to commit to a joint application to the Illinois Department of Transportation for a financial assistance grant in the amount of \$1,999,431 under the Illinois Transportation Enhancement Program for the purpose of funding the North Avenue Streetscape Project.

SECTION 3: This Resolution shall be in full force and effect after its passage.

PASSED on a roll call vote of the Corporate Authorities on the 26th day of October, 2020

AYES:

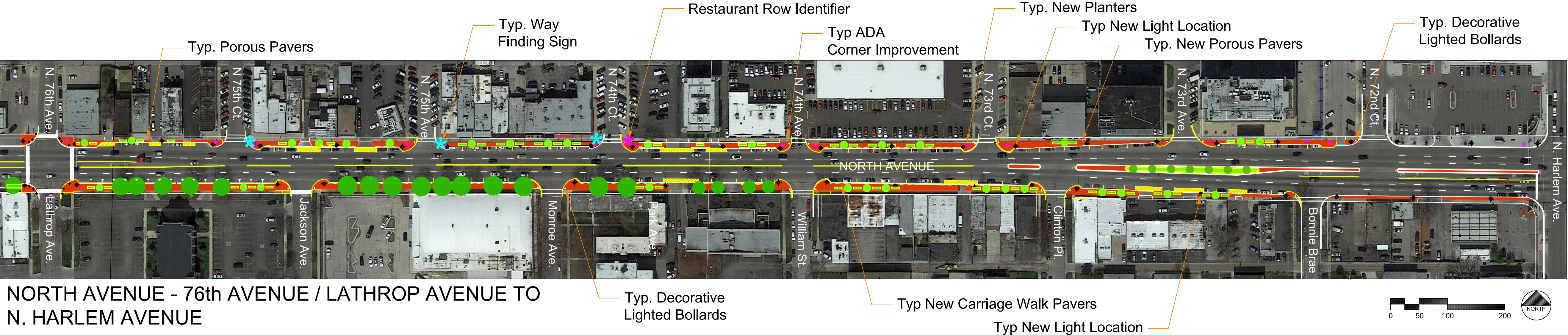
NAYS:

ABSENT:

Catherine Adduci, Village President

APPROVED by me this 26th day of October, 2020

Kathleen Brand-White, Village Clerk



NORTH AVENUE - 76th AVENUE / LATHROP AVENUE TO N. HARLEM AVENUE

Christopher B. Burke Engineering, Ltd.
 9575 W. Higgins Road
 Rosemont, IL 60018

Engineer's Opinion of Probable Cost
 Village of Elmwood Park
 North Avenue Streetscape Estimate of Cost

Date: October 9, 2020

Description	UNIT	UNIT COST	QUANTITY	TOTAL COST	FEDERAL SHARE	LOCAL MATCH
Pavement Removal	SQ YD	\$10.00	2,000	\$20,000	\$16,000	\$4,000
Ex. Tree Removal	EACH	\$500.00	12	\$6,000	\$4,800	\$1,200
Combination Concrete Curb and Gutter Removal	FOOT	\$6.00	5,391	\$32,346	\$25,877	\$6,469
Comb Concrete Curb and Gutter Type B-6.12	FOOT	\$25.00	5,541	\$138,525	\$110,820	\$27,705
Driveway Pavement Removal	SQ YD	\$8.00	345	\$2,760	\$2,208	\$552
Sidewalk Removal	SQ FT	\$1.50	25,678	\$38,517	\$30,814	\$7,703
Portland Cement Concrete Driveway, 8 inch	SQ YD	\$60.00	345	\$20,700	\$16,560	\$4,140
Portland Cement Concrete Sidewalk 5 inch (6' wide)	SQ FT	\$6.00	27,760	\$166,560	\$133,248	\$33,312
Detectable Warnings	SQ FT	\$25.00	202	\$5,050	\$4,040	\$1,010
Decorative Stamped Crosswalk	SQ FT	\$25.00	1,468	\$36,700	\$29,360	\$7,340
Thermoplastic Pavement Marking - 4 inch	FOOT	\$1.00	13,331	\$13,331	\$10,665	\$2,666
Thermoplastic Pavement Marking - 6 inch	FOOT	\$2.00	3,087	\$6,174	\$4,939	\$1,235
Thermoplastic Pavement Marking - 12 & 24 inch	FOOT	\$4.00	763	\$3,052		\$3,052
Thermoplastic Pavement Marking -Letters/Symbols	SQ FT	\$6.50	218	\$1,417		\$1,417
Porous Concrete Unit Pavers	SQ FT	\$20.00	28,199	\$563,980	\$451,184	\$112,796
Carriage Walk Pavers	SQ FT	\$20.00	4,730	\$94,600	\$75,680	\$18,920
Lighting Unit, Complete, Special	EACH	\$13,500	46	\$621,000	\$310,500	\$310,500
Decorative Lighted Bollards	EACH	\$6,500	22	\$143,000	\$114,400	\$28,600
Permanent Bench	EACH	\$3,500	12	\$42,000	\$33,600	\$8,400
Bike Rack	EACH	\$3,000	4	\$12,000	\$9,600	\$2,400
Trash Receptacle	EACH	\$2,000	12	\$24,000		\$24,000
Perennial Plants	EACH	\$21.50	844	\$18,146	\$14,517	\$3,629

Description	UNIT	UNIT COST	QUANTITY	TOTAL COST	FEDERAL SHARE	LOCAL MATCH
Topsoil - Furnish and Place - 24"	SQ FT	\$15.00	1,249	\$18,735	\$14,988	\$3,747
Mulch	CU YD	\$65.00	62	\$4,030	\$3,224	\$806
Perimeter Planter Curb	FOOT	\$185.00	1,808	\$334,480	\$267,584	\$66,896
New Trees	EACH	\$650.00	32	\$20,800	\$16,640	\$4,160
Mulch for Existing Trees	CU YD	\$60.00	23	\$1,380	\$1,104	\$276
Class D Patching, 6"	SQ YD	\$65.00	600	\$39,000	\$31,200	\$7,800
Traffic Control and Protection	L SUM	\$75,000.00	2	\$150,000	\$120,000	\$30,000
Raised Planter -Median	SQ FT	\$100.00	1,600	\$160,000	\$128,000	\$32,000
Planters	EACH	\$1,200.00	45	\$54,000		\$54,000
Wayfinding Signs	EACH	\$4,000.00	2	\$8,000		\$8,000
Restaurant Row Identifier	EACH	\$20,000.00	1	\$20,000	\$16,000	\$4,000
Concrete Barrier Curb	SQ FT	\$25.00	94	\$2,350	\$1,880	\$470
Total Construction Costs				\$2,822,633	\$1,999,431	\$823,202
Phase 1 Engineering (2.5%)				\$70,565.83	\$0.00	\$70,566
Phase 2 Engineering (6%)				\$169,357.98	\$0.00	\$169,358
Phase 3 Engineering (8%)				\$225,810.64	\$0.00	\$225,811
TOTAL PROJECT COSTS				\$3,288,367	\$1,999,431	\$1,288,936

Total Federal Request:	\$1,999,431
Village of Elmwood Park Matching Funds:	\$644,468
Village of River Forest Matching Funds:	\$644,468
Total Project Costs:	\$3,288,367



MEMORANDUM

Date: October 26, 2020

To: Catherine Adduci, Village President
Village Board of Trustees

From: Eric J. Palm, Village Administrator

Subj: Village Administrator's Report

Upcoming Meetings (all meetings are at Village Hall unless otherwise noted)

Wednesday, October 28	6:00 PM	Board of Fire and Police Commissioners Meeting – <i>Cancelled</i>
Thursday, November 5	7:30 PM	Development Review Board Meeting – <i>Cancelled</i>
Monday, November 9	7:00 PM	Village Board of Trustees Meeting
Wednesday, November 11	7:00 PM	Age-Friendly Committee Meeting
Thursday, November 12	7:30 PM	Zoning Board of Appeals Meeting
Friday, November 13	7:30 AM	Economic Development Commission Meeting
Monday, November 16	7:00 PM	Committee of the Whole (C.O.W.) Meeting – <i>if needed</i>
Tuesday, November 17	7:00 PM	Special Sustainability Commission Meeting
Wednesday, November 18	7:30 PM	Traffic and Safety Commission Meeting
Thursday, November 19	7:30 PM	Development Review Board Meeting – <i>Cancelled</i>
Monday, November 23	7:00 PM	Village Board of Trustees Meeting

Recent Payments of >\$10,000

In accordance with the purchasing policy, the following is a summary of payments between \$10,000 and \$20,000 that have occurred since the last Board meeting:

Vendor	Amount	Description
Suburban General Construction	\$11,230	Water main repairs
West Suburban Consolidated Dispatch	\$10,877	Monthly contribution

New Business Licenses:

Tamerra Tax Services	7756 Madison, Suite 6	Tax services
Promise of Growth	7756 Madison, Suite 6	Resource center
Braids by Quita	7756 Madison, Suite 6	Hair services

Thank you.



Village of River Forest

Village Administrator's Office

400 Park Avenue
River Forest, IL 60305

Tel: 708-366-8500

MEMORANDUM

Date: October 22, 2020

To: Catherine Adduci, Village President
Village Board of Trustees

From: Eric J. Palm, Village Administrator

Subj: Culture of Equity and Inclusion: Dominican Partnership (TRHT)

As you know, at the last several meetings, Sheila Radford-Hill and her team from Dominican University have been engaged with us in starting a partnership using their framework in "Truth, Racial Healing & Transformation" (TRHT). Attached please find a resolution that memorializes our partnership with Dominican as we set out on this journey. Sheila and her team will be at Monday night's meeting.

Once the Village Board and Dominican Board approves this partnership, Sheila and I will be working collectively on next steps.

Thank you.

Attachments
Resolution

RESOLUTION NO. 20-XX

A RESOLUTION SUPPORTING A COMMUNITY PARTNERSHIP WITH DOMINICAN UNIVERSITY TO FIGHT RACIAL AND SOCIAL INJUSTICE USING THE TRUTH, RACIAL HEALING, AND TRANSFORMATION FRAMEWORK

WHEREAS, this summer the Village of River Forest recognizes that the killings of George Floyd, Breonna Taylor, and the loss of far too many Black lives to list at the hands of law enforcement officers, have left our nation anguished and outraged; and

WHEREAS, these events and others this year have created a call to action within the Village of River Forest to engage the larger community in conversations and actions to address systematic racial and social injustice; and

WHEREAS, in Summer 2020, the leadership of the Village of River Forest and Dominican University initiated conversations around this call to action, both within the Village and on the Dominican campus; and

WHEREAS, Dominican University started a campus wide initiative to address racial injustice and on its own campus using the framework Truth, Racial Healing and Transformation (TRHT); and

WHEREAS, developed by the W.K. Kellogg foundation in 2016, TRHT is a nationally recognized, community-based initiative for racial justice. In 2018, the Association of American Colleges and Universities (AAC&U) committed to establishing 150 campus centers nationwide to prepare the next generation of leaders and thinkers to dismantle racial hierarchies and jettison the belief in a hierarchy of human value. In 2020, Dominican was named as one of twenty-six TRHT Centers; and

WHEREAS, a component of the TRHT framework is to engage and collaborate with the community; and

WHEREAS, TRHT will promote a greater understanding of the global history of racial oppression, take action to eliminate its effects, and strive to transform the world.

WHEREAS, through various meetings and conversations, both the Village of River Forest and Dominican University recognize the importance to engage together and collaborate using the TRHT framework; and

WHEREAS, a partnership in River Forest will include an alliance of government, educational institutions, and community based groups in River Forest, Oak Park, and Maywood; and

WHEREAS, the Alliance will collaborate to support equity and antiracist initiatives for open and welcoming communities.

NOW, THEREFORE, BE IT RESOLVED by the President and Board of Trustees of the Village of River Forest, Cook County, Illinois that the Board, for its members and the citizens of the Village of River Forest, supports the partnership with Dominican University under the TRHT framework to fight all forms of racism and inequality.

NOW, BE IT FURTHER RESOLVED THAT:

1. The Village of River Forest and Dominican University will invite and collaborate with Concordia University Chicago.

2. The River Forest Partnership collaborates through its equity initiatives in collaboration with the DU TRHT working group. Partners meet regularly to coordinate their efforts and support community outreach, student engagement, research, projects, and public policy initiatives.
3. The Village of River Forest will seek out resident and community stakeholders to engage in the DU TRHT working groups.
4. The Village of River Forest and Dominican will collaborate with the Village of Maywood with the Twin Village's Covenant.
5. The Village will identify individuals to liaise between the Village, the Village Board of Trustees and the TRHT working groups.

Passed on a roll call vote of the Corporate Authorities on the ____ day of _____, 2020.

AYES:

NAYS:

ABSENT:

Catherine Adduci, Village President

APPROVED by me this ____ day of _____, 2020.

Kathleen Brand-White, Village Clerk



MEMORANDUM

DATE: October 20, 2020

TO: Eric Palm, Village Administrator

FROM: John Anderson, Director of Public Works

SUBJECT: Stormwater Master Plan - Request for Proposals

Issue:

During a discussion of stormwater impacts at a Village Board of Trustees meeting in August the Village Board directed staff to develop a Request for Proposals (RFP) for qualified stormwater engineering firms to provide submittals for the creation of a Stormwater Master Plan.

Background:

The purpose of a Stormwater Master Plan is to identify projects, programs, and initiatives that will reduce flooding conditions within the Village by the most cost effective means and at the appropriate level of protection. By addressing and prioritizing all potential projects and programs related to stormwater through a master plan, the Village will be able to pursue items in a more comprehensive manner. An RFP document has now been developed by staff which asks firms to submit proposals to include the following tasks within their scope of services:

- a. Meetings and Data Collection:
 - i. Kick-off Meeting
 - ii. Monthly progress meetings (or frequency agreed-upon by Village)
 - iii. Review of available/Village-provided data
 - iv. All field investigations and topographic survey as necessary to perform the Work (all field data shall be provided to the Village in a manner suitable to be incorporated into the Village's Geographic Information System).
 - v. Public Outreach Meetings to solicit feedback regarding flooding concerns/questions as well as conceptual-level projects once established. These are anticipated to be "Open House" meetings wherein exhibits should be provided along with staffing to field questions and facilitate discussions with residents over a 2-3 hour period.
 - vi. Village Board Presentation of final Stormwater Master Plan.
- b. Sewer Modeling:
 - i. Develop a hydraulic and hydrologic model of the Village of River Forest sewer network. It should include all piping 9" and larger as well as any others specifically identified by Village Staff.
 - ii. All modeling methodology and results shall be included in a report through

narrative, figures and maps as necessary.

c. Flow Monitoring

- i. Monitor flow and conduct data collection as necessary to adequately calibrate the required modeling effort. Proposal shall include the anticipated number of flow meters, duration, equipment, data collection/validation methodologies and reporting.
- ii. All flow monitoring and results shall be included in a report through narrative, figures and maps as necessary.

d. Calibration

- i. Calibrate the model for dry and wet-weather conditions. Describe the runoff volume model, runoff routing models and calibration standards to be utilized.
- ii. All calibration and results shall be included in a report through narrative, figures and maps as necessary.

e. System Evaluation

- i. Proposal shall identify the critical duration to be applied to the sewer network.
- ii. Evaluate the Village sewer network and overland flow for the critical duration applied using current (March 2019) Bulletin 70 rainfall data for a 2-year, 5-year, 10-year, 50-year and 100-year rainfall events.
- iii. Recommend design standards/criteria for future stormwater improvement projects.
- iv. Recommend stormwater ordinance modifications (detention/volume control/release rate) based on system evaluation and community needs/preferences.
- v. Analysis of the current Village overhead sewer/backflow prevention basement protection subsidy program.
- vi. Determine the overall level of protection provided by the Village's existing sewer network as applied to current rainfall data.
- vii. Provide narrative of the interaction between Village and MWRD sewer networks, including the frequency and conditions under which the Village is impacted by MWRD sewer reaching capacity.

f. Recommended Capital Improvement Plan (CIP) Projects

- i. Conceptual-level development of CIP projects Village-wide to mitigate issues identified by System Evaluation. These projects may be located within public or private properties.
- ii. Specific analysis of existing green infrastructure and current benefits in addition to opportunities for new green infrastructure.
- iii. Conceptual-level development of Engineers Opinion of Probable Cost for all recommended CIP projects – including any required operation and maintenance costs.
- iv. Recommended prioritization of all recommended CIP projects.
- v. Provide analysis of benefits associated with all recommended CIP projects,

- including resulting levels of protection.
- vi. Provide all analysis/narrative/exhibits/costs for recommended CIP projects in a manner suitable to be used for presentation to the Village Board.
 - g. Staffing Level Analysis
 - i. Review resources available within the Village Staff to determine the potential need for Staffing assistance as it relates to findings and recommendations of the Stormwater Master Plan.
 - h. Creation of Stormwater Master Plan
 - i. Work from all tasks (listed herein or as recommended by the Proposer) should be summarized in a Stormwater Master Plan Report to serve as a guide for stormwater planning throughout the Village in the foreseeable future. The report should include a summary of the conclusions/analysis of the modeling task, the identified CIP projects, and any necessary narrative and/or exhibits.
 - i. Presentation(s) to Village Board
 - i. Present to the Village Board to include initial findings, recommended levels of protection and associated CIP projects/costs, recommended ordinance modifications (if any) and recommended structure for establishment of a Stormwater Utility Fee. A second meeting may be required.

This RFP will be solicited with the request to have the costs submitted with detailed professional services hourly fees and to be submitted in a “not to exceed” overall cost format. The estimated cost for a Stormwater Master Plan is expected to be between \$140,000 and \$180,000. Firm selection will be based on the following criteria:

- a. Approach to organizing and understanding of the project
- b. Responsiveness to requirements, terms, timelines and conditions for performance
- c. Familiarity with Village policies and preferences as well as any other related/applicable requirements (i.e. MWRD, IEPA, IDOT, NPDES, etc.)
- d. Capability and experience on related projects similar in scope and scale
- e. Project team qualifications and experience
- f. Recognition of items related to the project, including identification of elements and processes that will result in a high-quality deliverable
- g. Proposed Fees

The anticipated timeline for advertisement, selection and approval is a 2 to 3 month process with Board approval anticipated in early 2021. Once RFP submissions have been evaluated and a selection is made and approved by the Village Board, the amount of time for an engineering firm to complete the Stormwater Master Plan final report is approximately 12 months. Thank you.

Attachment: Stormwater Master Plan RFP document



REQUEST FOR PROPOSAL (PROFESSIONAL SERVICES)

Project Name: Village of River Forest – Stormwater Master Plan

Advertisement Published: Monday, November 2, 2020

Proposal Due: Monday, November 30, 2020 @ 10:00 AM

Pre-Proposal Conference Date/Time: NOT REQUIRED

This document comprises 31 pages

Return original, one paper copy, and one additional *electronic* copy (PDF file) of the proposal in a sealed envelope marked with the Project Name as noted above to :

JEFF LOSTER
VILLAGE ENGINEER
VILLAGE OF RIVER FOREST
400 PARK AVENUE
RIVER FOREST, IL 60305
PHONE: 708-714-3551
FAX: 708-366-3702

I. REQUEST FOR PROPOSALS

1. GENERAL

- 1.1 The Village of River Forest is seeking a professional engineering firm (FIRM) to assist the Village with engineering services as required to prepare a Stormwater Master Plan by developing a model of its Stormwater Management System (including combined, relief and storm sewer networks) and to perform a comprehensive analysis thereof. This work should also include the identification of improvement projects needed to provide improved stormwater management throughout the Village based on current and projected weather trends. It is the goal of the VILLAGE to contract with a qualified FIRM that has substantial experience in this type of work.
- 1.2 Those forms located at the end of this document marked "Return with Proposal" shall be included with all Proposals.
- 1.3 Proposals shall be submitted in an 8.5 x 11 format. They shall be succinct and directly relevant to this project.
- 1.4 Proposal forms shall be sent to the Village of River Forest in a sealed envelope marked "SEALED PROPOSAL". The envelope shall be marked with the name of the project, date, and time set for receipt of proposals.
- 1.5 All proposals shall be submitted in the format requested. Telephone, email, and fax proposals will not be accepted.
- 1.6 By submitting the Proposal, the Proposer certifies under penalty of perjury that they have not acted in collusion with any other Proposer or potential Proposer.

2. PREPARATION OF PROPOSAL

- 2.1 It is the responsibility of the Proposer to carefully examine the specifications, proposal documents, site of the proposed work and to be familiar with all of the requirements, stipulations, provisions, and local conditions surrounding the proposed services. **Do not submit a proposed contract.** Upon acceptance of a submitted Proposal by the Village, a contract will be provided. A sample of this document will be provided as part of the RFP package.
- 2.2 No oral or telephone interpretations of specifications shall be binding upon the Village. **All requests for interpretations or clarifications shall be made in writing and received by the Village at least five (5) business days prior to the date set for receipt of proposals** or at the pre-proposal conference, if offered. The Village shall make all changes or interpretations of the Contract Documents in a written addendum and shall provide an addendum to any Proposer of record. Any and all changes to the Contract Documents are valid only if they are included by written addendum to all Proposers. Each Proposer must acknowledge receipt of any addenda by indicating same in the Proposal. Each Proposer, by acknowledging receipt of any addenda, is responsible for the contents of the addenda and any changes therein. Failure to acknowledge any addenda may cause the Proposal to be rejected. The Village will not assume

responsibility for receipt of any addenda. In all cases, it will be the Proposer's responsibility to obtain all addenda issued. Proposers will provide written acknowledgement of receipt of each addendum issued with the Proposal submission.

All questions about the meaning or intent of the Contract Documents shall be submitted in writing to:

Village of River Forest
Attn. Jeff Loster, PE
Village Engineer
Phone: (708) 714-3551
Email: jloster@vrf.us

between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications are without legal effect.

- 2.3 All costs incurred in the preparation, submission, and presentation of any proposal (including travel or personal expenses) shall be the responsibility of the Proposer and will not be reimbursed by the Village.
- 2.4 The Proposer hereby affirms and states that the prices quoted herein constitute the total cost to the Village for all work involved in the respective items and that this cost also includes all insurance, bonds, royalties, transportation charges, use of all tools and equipment, superintendence, overhead expense, all profits and all other work, services and conditions necessarily involved in the work to be done and materials to be furnished in accordance with the requirements of the Contract Documents considered severally and collectively.

3. **MODIFICATION OR WITHDRAWAL OF PROPOSALS**

- 3.1 A Proposal that is in the possession of the Village may be altered by a letter bearing the signature and name of the person authorized for submitting the proposal, provided that it is received prior to the time and date set for the proposal opening. Telephone, email or verbal alterations of a proposal will not be accepted.
- 3.2 A Proposal that is in the possession of the Village may be withdrawn by the Proposer, up to the time set for the proposal opening, by a letter bearing the signature and name of the person authorized for submitting proposals. Proposals may not be withdrawn after the proposal opening and shall remain valid for a period of ninety (90) days from the date set for the proposal opening, unless otherwise specified.

4. **RESERVED RIGHTS**

- 4.1 The Village reserves the exclusive right to waive sections, technicalities, irregularities and informalities and to accept or reject any and all proposals and to disapprove of any and all subcontractors as may be in the best interest of the Village.

II. TERMS AND CONDITIONS

1. DEFINITION OF TERMS

Wherever herein the following terms are used in the Instructions to Bidders, their definitions are as follows:

<u>Village</u>	The Village of River Forest, acting through its authorized representatives
<u>Engineer</u>	The Village Engineer, acting through its authorized representatives
<u>Proposal</u>	The scope of services and total dollar amount proposed by the Proposer
<u>Proposer</u>	Any individual, firm, partnership, or corporation submitting a Proposal for the Work to be awarded, acting directly or through a duly authorized representative
<u>Firm</u>	Any individual, firm, partnership, or corporation with which the Village has entered into a contract for this project, acting directly or through a duly authorized representative
<u>Contract</u>	The written Agreement between the Firm and the Village covering the performance of the Work. The Contract includes the Request for Proposal, Contract Form, Certificate of Insurance, and Specifications.
<u>Specifications</u>	Those portions of the Contract Documents consisting of written technical descriptions of materials, equipment, construction systems, standards, and workmanship as applied to the Work and to certain administrative details applicable thereto.
<u>Work</u>	The result of performing services, furnishing labor and equipment, and furnishing and incorporating materials into the construction of the Project, all as required by the Contract.

2. STANDARD SPECIFICATIONS

- 2.1 The applicable “Standard Specifications,” as listed below, shall apply to all work performed under this Contract unless revised by the Supplemental Specifications, as set forth in Section 3 below, and the Special Provisions that are also included as part of this Project.

(2.1.1) Standard Specifications for Water and Sewer Main Construction in Illinois, Seventh Edition, 2014, and all revisions thereto, excluding Sections 1-9 (Division I).

(2.1.2) Standard Specifications for Road and Bridge Construction as adopted by the Illinois Department of Transportation, April 1, 2016; along with Supplemental Specifications and Recurring Special Provisions (collectively the “SSRBC”) as adopted by the Illinois Department of Transportation, January 1, 2018; and

(2.1.3) Watershed Management Ordinance of the Metropolitan Water Reclamation District of Greater Chicago, effective May 1, 2014, as amended May 7, 2020 and all revisions thereto.

3. SUPPLEMENTAL SPECIFICATIONS

- 3.1 The following “Supplemental Specifications” supplement the Standard Specifications. In case of conflict with any part, or parts, of said Standard Specifications, the Supplemental Specifications shall take precedence and shall govern. The following section numbers used are in reference to those section numbers used in the SSRBC.

107.01 Laws to be Observed

107.01.01 Sexual Harassment Policy

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

107.01.02 Eligibility for Employment in the United States

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

107.01.03 Civil Rights

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

107.01.04 Foreign Corporation

Foreign (non-Illinois) corporations shall procure from the Illinois Secretary of State a certificate of authority to transact business in Illinois in accordance with 805 ILCS 5/13.

107.01.05 Confidentiality of Information

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

107.26 Indemnification

Delete the first paragraph of Article 107.26 of the SSRBC and substitute the following:

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

rendered against the Village, its officials, agents, employees, attorneys and volunteers, in any such action, the Proposer shall, at its own expense, satisfy and discharge the same. The Village, its officials, agents Firm employees, attorneys and volunteers shall have the right to select their own counsel and the right to direct their own defense.

Firm expressly understands and agrees that any performance bond or insurance policies required by this contract, or otherwise provided by the Firm, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the Village, its officials, agents, employees, attorneys and volunteers as herein provided.

107.27 Insurance

Add the following to Article 107.27 of the SSRBC:

107.27.1 Minimum Scope of Insurance

Coverage shall be at least as broad as:

- A. Insurance Services Office Commercial General Liability occurrence form CG 0001 with the Village named as additional insured, on a form at least as broad as the attached sample endorsement including ISO Additional Insured Endorsement CG 2010 (Exhibit A) Pre-2004 version, CG 2026 (Exhibit B) Pre-2004 version.
- B. Insurance Service Office Business Auto Liability coverage form number CA 0001, Symbol 01 "Any Auto."
- C. Workers' Compensation as required by the Workers' Compensation Act of the State of Illinois and Employers' Liability insurance.

107.27.2 Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Village, its officials, agents, employees, attorneys and volunteers, or the Firm shall procure a bond guaranteeing payment of losses and related investigation, claim administration and defense expenses.

107.27.3 Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

107.27.3.1 General Liability and Automobile Liability Coverages

- A. The Village, its officials, agents, employees, attorneys and volunteers are to be covered as insureds as respects: Liability arising out of activities performed by or on behalf of the Firm; products and completed operations of the Firm; premises owned, leased or used by the Firm; or automobiles owned, leased, hired or borrowed by the Firm. The coverage shall contain no special limitations on the scope of protection afforded to the Village, its officials, agents, employees, attorneys or volunteers.
- B. The Firm's insurance coverage shall be primary insurance as respects the Village, its officials, employees, agents, attorneys and volunteers. Any insurance or self-

insurance maintained by the Village, its officials, agents, employees, attorneys or volunteers shall be excess of Firm's insurance and shall not contribute with it.

- C. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees, or volunteers.
- D. Coverage shall state that Firm's insurance shall apply separately to each insured against whom claim is made of suit is brought, except with respect to the limits of the insurer's liability.
- E. If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Firm shall be required to name the Village, its officials, agents, employees, attorneys and volunteers as additional insureds. A copy of the actual additional insured endorsement shall be provided to the Village.
- F. All general liability coverages shall be provided on an occurrence basis. Claims-made general liability policies are not acceptable.

107.27.3.2 Workers' Compensation and Employers' Liability Coverage

The insurer shall agree to waive all rights of subrogation against the Village, its officials, agents, employees, attorneys and volunteers for losses arising from work performed by Firm. Compensation Limits as required by the Labor Code of the State of Illinois and Employers' Liability limits of \$1,000,000 per accident.

107.27.4 Verification of Coverage

The Firm shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, attorneys and volunteers, as additional insureds (Exhibit D), and with original endorsements affecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements may be on forms provided by the Village and are to be received and approved by the member before any work commences. The attached Additional Insured Endorsement (Exhibit E) shall be provided to the insurer for its use in providing coverage to the additional insured. Other additional insured endorsements may be utilized, if they provide a scope of coverage at least as broad as the coverage stated on the attached endorsement (Exhibit E), such as ISO Additional Insured Endorsements CG 2010 (Exhibit A) or CG 2026 (Exhibit B). The Village reserves the right to request full certified copies of the insurance policies and endorsements.

107.27.5 Subcontractors

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

The Village of River Forest, its officers, employees, agents, attorneys and volunteers shall be named as additional insured. Liability coverage is primary with respects to the additional insureds.

107.27.6 Assumption of Liability

The Firm assumes liability for all injury to or death of any person or persons including employees of the Firm, any subcontractor, any supplier or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to this agreement.

EXHIBIT A

CG 20 10 03 97

**ADDITIONAL INSURED – OWNERS, LESSEES OR
FIRM – SCHEDULE PERSON OR ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

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

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

Copyright, Insurance Services Office, Ins. 1996

EXHIBIT B

CG 20 26 11 85

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

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

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

Copyright, Insurance Services Office, Ins. 1984

EXHIBIT C

POLICY NUMBER:

COMMERCIAL GENERAL LIABILITY
CG 20 37 07 04

THIS ENDORSEMENT CHANGES THE POLICY, PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR FIRM – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Additional Insured Person(s) Or Organization(s):	Location and Description of Completed Operations
Information required to complete this Section, if not shown above, will be shown in the Declarations.	

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

EXHIBIT D

(EXAMPLE)

ACORD™ CERTIFICATE OF LIABILITY INSURANCE						DATE (MM/DD/YYYY) Completed	
PRODUCER Fully Completed				THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.			
				INSURERS AFFORDING COVERAGE		NAIC #	
INSURED Fully Completed				INSURER A: Name of Insurance Company		Completed	
				INSURER B: Name of Insurance Company		Completed	
				INSURER C: Name of Insurance Company		Completed	
				INSURER D: Name of Insurance Company		Completed	
				INSURER E: Name of Insurance Company		Completed	
COVERAGES							
THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.							
INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	X	GENERAL LIABILITY CG001 <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> OWNERS & CONT PROT ((IF REQUIRED) <input type="checkbox"/> _____ GEN'L AGGREGATE LIMIT APPLIER PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC	Policy Number	Policy Start Date	Policy End Date	EACH OCCURRENCE	\$ 1,000,000
						DAMAGE TO RENTED PREMISES (Ea. Occur.)	\$ 50,000
						MED EXP (Any one person)	\$ 5,000
						PERSONAL & ADV INJURY	\$ 1,000,000
						GENERAL AGGREGATE	\$ 2,000,000
						PRODUCTS-COMP/OP AGG	\$ 1,000,000
A		AUTOMOBILE LIABILITY CA001 <input checked="" type="checkbox"/> ANY AUTO CA001 <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS <input type="checkbox"/> _____	Policy Number	Policy Start Date	Policy End Date	COMBINED SINGLE LIMIT (Ea. Accident)	\$ 1,000,000
						BODILY INJURY (PER PERSON)	\$
						BODILY INJURY (PER ACCIDENT)	\$
						PROPERTY DAMAGE (PER ACCIDENT)	\$
		GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY-EA ACCIDENT	\$
						OTHER THAN EA ACC	\$
						AUTO ONLY: AGG	\$
B	X	EXCESS UMBRELLA LIABILITY <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$	Policy Number	Policy Start Date	Policy End Date	EACH OCCURRENCE	\$ per request
						AGGREGATE	\$ per request
C		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? NO If yes, describe under SPECIAL PROVISIONS below	Policy Number	Policy Start Date	Policy End Date	<input checked="" type="checkbox"/> WC STATU- <input type="checkbox"/> OTHER TORY LIMITS	
						E.L. EACH ACCIDENT	\$ 1,000,000
						E.L. DISEASE-EA EMPLOYEE	\$ 500,000
						E.L. DISEASE-POLICY LIMIT	\$ 500,000
		OTHER Professional Liability (If requested)	Policy Number	Policy Start Date	Policy End Date		
DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS							
List project number, location and description. No endorsements or additional forms modify or limit coverage provided to additional insured. Coverage provided to the additional insured is primary.							
CERTIFICATE HOLDER				CANCELLATION			
Additional Insured: Village of River Forest, its officials, employees, agents, attorneys and volunteers				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT,			
				SIGNATURE OF AUTHORIZED AGENT			

EXHIBIT E

ADDITIONAL INSURED ENDORSEMENT

Name of Insurer:
Name of Insured:
Policy Number:
Policy Period:
Endors. Effective Date:

This endorsement modifies coverage provided under the following:

Commercial General Liability
Coverage Part

Name of Individuals or Organization:

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

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

1. Liability the Additional Insured may incur resulting from the actions of a subcontractor it hires.
2. Liability the Additional Insured may incur for negligence in the supervision of the Named Insured subcontractor's work.
3. Liability the Additional Insured may incur for failure to maintain safe worksite conditions.
4. Liability the Additional Insured may incur due to joint negligence of the Named Insured Subcontractor and the Additional Insured.

Original Created – 1/2002
Revised – 1/2005

109.02 Scope of Payment

Add the following to Article 109.02 of the SSRBC:

109.02.1 Taxes

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

3.2 EQUAL EMPLOYMENT OPPORTUNITY CLAUSE

Equal Employment Opportunity Clause required by the Illinois Fair Employment Practices Commission as a material term of all public contracts:

“EQUAL EMPLOYMENT OPPORTUNITY”

In the event of the Firm's noncompliance with any provision of this Equal Employment Opportunity Clause, the Illinois Fair Employment Practices Act or the Fair Employment Practices Commission's Rules and Regulations for Public Contracts, the Firm may be declared non-responsible and therefore ineligible for future Contracts or Subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the Contract may be canceled or voided in whole or in part, and such other sanctions or penalties may be imposed or remedies invoked as provided by statute or regulation.

During the performance of this Work, the Firm agrees as follows:

- (1) That it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin or ancestry; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.
- (2) That, if it hires additional employees in order to perform this Work, or any portion hereof, it will determine the availability (in accordance with the Commission's Rules and Regulations for Public Contracts) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.
- (3) That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination because of race, color, religion, sex, national origin or ancestry.
- (4) That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the Firm's obligations under the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts. If any such labor organization or representative

fails or refuses to cooperate with the Firm in its efforts to comply with such Act and Rules and Regulations, the Firm will promptly so notify the Illinois Fair Employment Practices Commission and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligation thereunder.

- (5) That it will submit reports as required by the Illinois Fair Employment Practices Commission's Rules and Regulations for Public Contracts, furnish all relevant information as may from time to time be requested by the Commission or the contracting agency, and in all respects comply with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.
- (6) That it will permit access to all relevant books, records, accounts and work sites by personnel of the contracting agency and the Illinois Fair Employment Practices Commission for purposes of investigation to ascertain compliance with the Illinois Fair Employment Practices Act and the Commission's Rules and Regulations for Public Contracts.
- (7) That it will include verbatim or by reference the provisions of paragraphs 1 through 7 of this clause in every performance subcontract as defined in Section 2.10(b) of the Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such subcontractor; and that it will also so include the provisions of paragraphs 1, 5, 6 and 7 in every supply subcontract as defined in Section 2.10(a) of the Commission's Rules and Regulations for Public Contracts so that such provisions will be binding upon every such Subcontractor. In the same manner as with other provisions of this Contract, the Firm will be liable for compliance with applicable provisions of this clause by all its Subcontractors; further, it will promptly notify the contracting agency and the Illinois Fair Employment Practices Commission in the event any Subcontractor fails or refuses to comply therewith. In addition, no Proposer will utilize any Subcontractor declared by the Commission to be non-responsible and therefore ineligible for Contracts or Subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

With respect to the two types of Subcontracts referred to under paragraph 7 of the Equal Employment Opportunity Clause above, following is an excerpt of Section 2 of the FEPC's Rules and Regulations for Public Contracts:

Section 2.10. The term "Subcontract" means any agreement, arrangement or understanding, written or otherwise, between a Firm and any person (in which the parties do not stand in the relationship of an employer and an employee):

- (a) for the furnishing of supplies or services or for the use of real or personal property, including lease arrangements, which, in whole or in part, is utilized in the performance of any one or more contracts; or
- (b) under which any portion of the Firm's obligation under any one or more contracts is performed, undertaken or assumed."

3.3 COMPLIANCE WITH FREEDOM OF INFORMATION ACT REQUESTS

Section 7(2) of the Illinois Freedom of Information Act ("FOIA") (5 ILCS 120/7(2)) requires certain records that qualify as "public records," which have been prepared by and are in the possession of a party who has contracted with the Village, be turned over to the Village so that a FOIA requestor can inspect and photocopy the non-exempt portions of the public records pursuant to a FOIA request. The Village has a very short period of time from receipt of a FOIA request to comply with the request, and it requires sufficient time to review the records to decide what information is or is not exempt from disclosure. The Proposer acknowledges the requirements of FOIA and agrees to comply with all requests made by the Village for public records (as that term is defined by Section 2(c) of FOIA) in the Proposer's possession and to provide the requested public records to the Village within two (2) business days of the request being made by the Village. The Proposer agrees to indemnify and hold harmless the Village from all claims, costs, penalties, losses and injuries (including but not limited to, attorney's fees, other professional fees, court costs and/or arbitration or other dispute resolution costs) arising out of or relating to its failure to provide the public records to the Village under this Agreement.

3.4 ASSIGNMENT OF CONTRACT

No part of the work herein specified shall be assigned without the written consent of the Village, and in no case shall such consent relieve the Firm from the obligations herein entered into by the same or change the terms of this Agreement. **If the Proposer intends to assign any portion of the Work to a Subcontractor, it shall be clearly disclosed within the Proposal.** After a contract is awarded to the Firm, no additional Work may be subcontracted without written approval by the Village.

3.5 PAYMENTS

If the rate of progress is satisfactory to the Engineer, payment estimates will be submitted once a month during the progress of the Work. Once an invoice and receipt of deliverables or service has been verified, the invoice will be processed for payment in accordance with the Village payment schedule. In no case will the final payment be made until the Firm has complied with all the requirements set forth and the Engineer has made his final inspection of the entire work and is satisfied that the entire work is properly and satisfactorily completed in accordance with the requirements of the Contract.

3.6 TERMINATION OF CONTRACT

In the event of the Firm's nonperformance, breach of the terms of the Contract, or for any other reason, including that sufficient funds to complete the Contract are not appropriated by the Village, the Contract may be canceled, in whole or in part, upon the Village's written notice to the Firm. The Village will pay the Firm's costs actually incurred as of the date of receipt of notice of termination. Upon termination, the Firm will deliver all documents and products of whatever kind, and their reproducible originals related to the project, which have been produced to the date of the notice of termination.

3.7 NOT TO EXCEED CONTRACT

The contract price is a "not-to-exceed" cost. At any time additional work is necessary or requested, and the not-to-exceed price is increased thereby, any change, addition or price increase must be agreed to in writing by all parties in the same manner by which the original contract was approved.

III. PROJECT SPECIFICATIONS

1. SUBMITTAL REQUIREMENTS

The Firm selected by the Village pursuant to this RFP is not authorized to perform work for the Village until a fully executed and authorized Contract is in place.

Please include only similar municipal project experience for proposed team members. Submittals shall be submitted in an 8½ x 11 format and organized according to the following:

- a. Introduction
- b. Firm Qualifications and experience on related projects
- c. Project Understanding
- d. Proposed Scope of Services
- e. Proposed Schedule
- f. Project Team and Organization Chart
- g. Resume's (if needed)
- h. Project References
- i. Not-to-Exceed Fee proposal

Submit **one original and one paper** copies of your proposal. Double-sided printing is encouraged when feasible. **An additional electronic copy** (PDF) shall also be provided on CD/DVD/Flash Drive.

Only those persons planned to be directly involved with this project should be included.

The Fee Proposal shall include an hourly break-down for the project elements identified in your Project Understanding and Scope of Services along with an overall, Not-to-Exceed Total Cost. Include a detailed listing of items that will be billed as direct costs such as postage, delivery service, printing, mileage, etc. Additional compensation above and beyond the not-to-exceed cost will not be considered without a significant change in project scope.

All costs incurred in the preparation, submission, and/or presentation of any Proposal including any Proposer's travel or personal expenses shall be the sole responsibility of the Proposer and will not be reimbursed by the VILLAGE.

The Proposer hereby affirms and states that the prices quoted herein constitute the total cost to the VILLAGE for all work involved and that this cost also includes all insurance, bonds, royalties, transportation charges, use of all tools and equipment, superintendence, overhead expense, all profits and all other work, services and conditions necessarily involved in the work to be done and materials to be furnished.

2. BACKGROUND

The Village of River Forest is a well-established community of approximately 11,000 residents. The Village is home to two colleges: Dominican and Concordia University. The Village is minutes from I-290, downtown Chicago and served by Metra and CTA with commuter stops. Infrastructure improvements are being actively constructed, including roadways, water mains, sewer lining and others.

The Village is served mostly by a combined sewer system and has studied flooding issues in is

community on several occasions. Most recently, in 2014 the Village installed a dedicated storm sewer network between Greenfield and Division Streets known as the Northside Stormwater Management Project (NSMP) as a result of one such study. Other than this portion of the Village, the community is served by combined sewers with some relief sewers having been installed in the 1980's.

The Village's combined sewer system is at least 100 years old and is severely undersized to handle rain events based on current (and projected) weather events. The relief sewers were installed to provide additional capacity during these events, however, during extremely heavy rain events the Village still experiences occasional sewer backup network-wide.

The Village's only portion of dedicated storm sewer installed as part of the NSMP discharges directly into the Des Plaines River.

General sewer flow directions throughout the Village include north/south flow to an intercepting sewer that flows west to a regional interceptor sewer owned by the Metropolitan Water Reclamation District (MWRD). MWRD interceptors within the Village of River Forest are located along North Avenue, Iowa Street, Madison Street and Thatcher Avenue. The Village's combined sewer network generally consists of 9"-15" diameter pipe, mostly consisting of vitrified clay. Some of these segments have been lined, starting in the mid-90's. Relief sewers are generally in the 18"-36" range and vary in material types.

Stormwater issues currently experienced throughout the Village include on-street flooding, private property yard flooding, public alleyway flooding and sewer back-up from the Village's combined system.

The Village also has a subsidy program for installation of overhead sewers or sewer backflow prevention valves. This program was also started in the mid-90's and sees anywhere from 5-30 participants in a given year. It covers half the cost of the improvement up to \$4,000 unless unique circumstances qualify a property for additional coverage.

Though the Village's western border consists of the Des Plaines River, riverine flooding has not been a major factor in flooding for River Forest properties. There are fewer than 20 properties located within the 100-year floodplain, and even fewer structures within the 100-year floodplain. These low numbers, combined with the Village's flood response actions, result in very few properties being directly affected by overland flooding from the Des Plaines River.

3. **PROJECT OBJECTIVES**

The Village of River Forest is seeking a professional engineering firm (FIRM) to assist the Village with engineering services as required to prepare a Stormwater Master Plan by developing and evaluating the following:

- a hydrologic and hydraulic model of its Stormwater Management System (including combined, relief and storm sewer networks) and to perform a comprehensive analysis thereof. This Work should also include the identification of improvement projects needed to provide improved stormwater management throughout the Village based on current and projected weather trends. Recommended projects should also include an estimated cost, prioritization and timing over a multi-year period and phased approach.

- Review the Village's existing stormwater ordinance, rules and other regulations and recommend any changes or best practices.
- Provide an overview of possible funding sources to consider for implementation. Please include the feasibility of and optimal mechanism by which to implement a stormwater utility fee.

4. **INFORMATION PROVIDED BY THE VILLAGE**

The Village of River Forest will make the following information available to those deemed to be responsible Proposers:

1. Sewer Network Map (Storm Sewer, Combined Sewer, Sanitary Sewer, Relief Sewer and MWRD Sewer networks)
2. Sewer Lining Map
3. Roadway Map
4. Zoning and Land Use Map
5. GIS Shapefile of:
 - a. Village Boundary
 - b. Parcels
 - c. Roadways
 - d. 1' Contour Elevations
 - e. Storm Sewer
 - f. Combined Sewers
 - g. Sanitary Sewers
 - h. Relief Sewers
 - i. MWRD Sewers

5. **ANTICIPATED SCOPE OF SERVICES**

It is the responsibility of the Proposer to develop a scope of services in response to this RFP, with the intent to deliver a comprehensive Stormwater Master Plan. It should identify sewer capacity needs through hydraulic modeling analysis, conceptual-level Capital Improvement Project (CIP) scopes and budgets and the feasibility and mechanism(s) for potential implementation of a Stormwater Utility. The proposed scope of services shall identify major tasks and all elements associated with each task. Though the Proposer is responsible for identifying all scope items, it is anticipated that the scope of services will include the following:

- a. Meetings and Data Collection:
 - i. Kick-off Meeting
 - ii. Monthly progress meetings (or frequency agreed-upon by Village)
 - iii. Review of available/Village-provided data
 - iv. All field investigations and topographic survey as necessary to perform the Work (all field data shall be provided to the Village in a manner suitable to be incorporated into the Village's Geographic Information System).
 - v. Public Outreach Meetings (2-3) to solicit feedback regarding flooding concerns/questions as well as conceptual-level projects once established. These is anticipated to be an "Open House" meetings wherein exhibits should be provided along with staffing to field questions and facilitate discussions with residents over a 2-3 hour period.
 - vi. Village Board Presentation of final Stormwater Master Plan.

- b. Sewer Modeling:
 - i. Develop a hydraulic and hydrologic model of the Village of River Forest sewer network. It should include all piping 9" and larger as well as any others specifically identified by Village Staff.
 - ii. All modeling methodology and results shall be included in a report through narrative, figures and maps as necessary.
- c. Flow Monitoring
 - i. Monitor flow and conduct data collection as necessary to adequately calibrate the required modeling effort. Proposal shall induce the anticipated number of flow meters, duration, equipment, data collection/validation methodologies and reporting.
 - ii. All flow monitoring and results shall be included in a report through narrative, figures and maps as necessary.
- d. Calibration
 - i. Calibrate the model for dry and wet-weather conditions. Describe the runoff volume model, runoff routing models and calibration standards to be utilized.
 - ii. All calibration and results shall be included in a report through narrative, figures and maps as necessary.
- e. System Evaluation
 - i. Proposal shall identify the critical duration to be applied to the sewer network.
 - ii. Evaluate the Village sewer network and overland flow for the critical duration applied using current (March 2019) Bulletin 70 rainfall data for a 2-year, 5-year, 10-year, 50-year and 100-year rainfall events.
 - iii. Recommend design standards/criteria for future stormwater improvement projects.
 - iv. Recommend stormwater ordinance modifications (detention/volume control/release rate) based on system evaluation and community needs/preferences.
 - v. Determine the overall level of protection provided by the Village's existing sewer network as applied to current (March 2019) Bulletin 70 rainfall data.
 - vi. Provide narrative of the interaction between Village and MWRD sewer networks, including the frequency and conditions under which the Village is impacted by MWRD sewer reaching capacity.
- f. Recommended Capital Improvement Plan (CIP) Projects
 - i. Conceptual-level development of CIP projects Village-wide to mitigate issues identified by System Evaluation. These projects may be located within public or private properties.
 - ii. Specific analysis of existing green infrastructure and current benefits in addition to opportunities for new green infrastructure.
 - iii. Conceptual-level development of Engineers Opinion of Probable Cost for all recommended CIP projects – including any required operation and maintenance costs.
 - iv. Recommended prioritization of all recommended CIP projects.
 - v. Provide analysis of benefits associated with all recommended CIP projects, including resulting levels of protection.
 - vi. Provide all analysis/narrative/exhibits/costs for recommended CIP projects in a manner

- suitable to be used for presentation to the Village Board.
- vii. Though not technically part of the CIP, the Village also wishes to have a review performed of the current sewer backflow prevention subsidy program to determine whether or not any changes (e.g. funding levels, projects/work eligible for reimbursement, reimbursement levels, etc.) need to be made.
 - g. Staffing Level Analysis
 - i. Review resources available within the Village Staff to determine the potential need for Staffing assistance as it relates to findings and recommendations of the Stormwater Master Plan.
 - h. Creation of Stormwater Master Plan
 - i. Work from all tasks (listed herein or as recommended by the Proposer) should be summarized in a Stormwater Master Plan Report to serve as a guide for stormwater planning throughout the Village in the foreseeable future. The report should include a summary of the conclusions/analysis of the modeling task, the identified CIP projects, and any necessary narrative and/or exhibits.
 - i. Presentation(s) to Village Board
 - i. Present to the Village Board to include initial findings, recommended levels of protection and associated CIP projects/costs, recommended ordinance modifications (if any) and recommended structure for establishment of a Stormwater Utility Fee. A second meeting may be required.

The Firm shall furnish to the Village any and all final documents in electronic format suitable for making prints and copies on a flash drive, all of which shall become the property of the Village. Files shall be generated in Microsoft Word or Excel as required. Any CAD Plans shall be AutoCad LT-compatible (without requiring conversion). If required by FOIA laws or legal subpoena, the Firm shall provide copies of all sketches, drawings, files, notes, calculations, survey data, photographs, etc. upon request.

6. **PROJECT APPROACH**

The Proposal shall include narrative describing the Proposer's understanding of the project requirements and a recommended scope of services as described in Section 1.6 or as recommended by the Proposer. At minimum, it shall include the following:

- a. A list of all anticipated major project tasks.
- b. Description of anticipated approach used to accomplish each major project task.
- c. Identification of any anticipated difficulties/conflicts in accomplishing each major project task.
- d. All anticipated coordination efforts with Village Staff (meetings, field work, presentations, etc.).
- e. Project deliverables.
- f. Key team personnel to be involved in each major project task.
- g. Proposed Schedule.

7. **PROPOSAL/PROJECT SCHEDULE**

The proposal deadline is as advertised on the Title Page of this document. Proposals received after the specified time and date will not be accepted and will be returned unopened to the Proposer. Proposals shall become the property of the Village. The Village will maintain

confidentiality of all received Proposals, and not disclose information provided by prospective Proposers with other Proposers unless otherwise required per the Freedom of Information Act.

The anticipated schedule for all work associated with this RFP is approximately as follows:

- | | |
|-------------------------------|-------------------|
| a. RFP issued | November 2, 2020 |
| b. Last day for RFP questions | November 20, 2020 |
| c. RFP Submittals Due | November 30, 2020 |
| d. Negotiations Complete | January 15, 2021 |
| e. Contract Award | January 25, 2021 |
| f. Notice to Proceed | January 26, 2021 |
| g. Completion of all Work | January 2022 |

8. **FEES**

The Village prefers the method of compensation for professional services to be based on hourly-charged personnel rates plus expenses, with a Total “Not To Exceed” cost.

Please submit an estimate of hourly personnel requirements to complete the scope of services outlined in your Proposal, a list of current hourly rates and a total “Not To Exceed” cost for providing the proposed services to the Village. Fees shall be broken down by major tasks indicated (or recommended). This “Not To Exceed” cost shall include deliverables and reimbursable expenses, such as postage, delivery service, printing, etc. The Village shall be invoiced monthly. **Additional compensation above and beyond the “Not to Exceed” cost will not be considered without a significant change in project scope.**

9. **FIRM SELECTION**

Firm selection will be based on the following criteria:

- a. Approach to organizing and understanding of the project
- b. Responsiveness to requirements, terms, timelines and conditions for performance
- c. Familiarity with Village policies and preferences as well as any other related/applicable requirements (i.e. MWRD, IEPA, IDOT, NPDES, etc.)
- d. Capability and experience on related projects similar in scope and scale
- e. Project team qualifications and experience
- f. Recognition of items related to the project, including identification of elements and processes that will result in a high-quality deliverable
- g. Proposed Fees

It is the Village’s intent to award this Work to a single Firm, however, the Village reserves the right to award in part or in whole and to select multiple Firms if it is believed to be advantageous to the Village.

10. **CONTACT INFORMATION**

All questions concerning the project and/or submittal should be directed to:

Jeff Loster, PE
Village Engineer
Village of River Forest
400 Park Avenue
River Forest, IL 60305
Phone: 708-714-3551
Email: jloster@vrf.us

IV. PROPOSAL

(**Selected** Proposers shall insert a proposed scope of services and fee proposal here)

EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE CERTIFICATE

As used in this certificate the term "subcontract" includes the term "purchase order" and all other agreements effectuating purchase of supplies or services. If this certificate is submitted as part of a bid or proposal the term "Seller" shall be deemed to refer to the Bidder or Offeror, or Subcontractor or Supplier. This certificate shall be renewed annually. Notwithstanding the foregoing, the certifications made herein shall remain applicable until completion of all nonexempt contracts/subcontracts awarded while this certificate is in effect. The undersigned Seller certifies the following to the Village of RIVER FOREST hereinafter referred to as Buyer:

- A. **REPORTS**: Within thirty (30) days after Buyer's award to Seller of any contract/subcontract and prior to each March 31 thereafter during the performance of work under said subcontract, the Seller shall file Standard Form 100, entitled "Equal Employment Opportunity Employer Information Report EEO-1" in accordance with instructions contained therein unless Seller has either filed such report within 12 months preceding the date of the award or is not otherwise required by law or regulation to file such report.
- B. **PRIOR REPORTS**: Seller, if it has participated in previous contract or subcontract subject to the Equal Opportunity Clause (41 C.F.R. Sec. 60-1.4 (a) (1) through (7), or the clause originally contained in Section 301 of Executive Order No. 10925, or the clause contained in section 201 of Executive Order No. 11114, has filed all required compliance reports. Seller shall obtain similar representations indicating submission of all required compliance reports, signed by proposed subcontractors, prior to awarding subcontracts not exempt from Equal Opportunity Clause.
- C. **CERTIFICATION OF NON SEGREGATED FACILITIES**: Seller certifies that it does not maintain or provide for its employees any segregated facilities at any of its establishments, and that it does not permit its employees to perform their services at any location, under its control where segregated facilities are maintained. Proposer certifies further that it will not maintain or provide for its employees any segregated facilities at any of its establishments and that it will not permit its employees to perform their services at any location, under its control where segregated facilities are maintained. Seller agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this certificate. As used in this certification, the term "segregated facilities" means any waiting rooms, work area, rest rooms, wash rooms, restaurants and other eating areas, time clocks, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, color, religion, or national origin, because of habit, local custom or otherwise.

RETURN WITH PROPOSAL

C. CERTIFICATION OF NONSEGREGATED FACILITIES: (Cont'd.)

Proposer further agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause; that it will retain such certifications in its files; and that it will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods): **NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENT FOR CERTIFICATIONS OF NONSEGREGATED FACILITIES.** A certification on Nonsegregated Facilities, as required by Section 60-1.8 of Title 41 of the Code of Federal Regulations, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause. (Note: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001).

D. AFFIRMATIVE ACTION COMPLIANCE PROGRAM: Prior to 120 days after receipt of any subcontract in the amount of \$50,000 or more from Buyer, if it has 50 or more employees and it is not otherwise exempt under 41 C.F.R. Part 60-1, shall have developed for each of his establishments a written affirmative action compliance program as called for in 41 C.F.R. Sec. 60-1.40. Seller will also require its lower-tier subcontractors who have 50 or more employees and receive a subcontract of \$50,000 or more and who are not otherwise exempt under 41 C.F.R. Part 60-1 to establish written affirmative action compliance programs in accordance with 41 C.F.R. Sec. 60-1.40.

E. Seller certifies that it is not currently in receipt of any outstanding letters of deficiencies, show cause, probable cause, or other such notification of noncompliance with EEO regulations.

Executed this ____ day of _____ 2020 by:

Firm name

By: _____

Title

(Seller)

STATE OF ILLINOIS
DRUG FREE WORKPLACE CERTIFICATION

This certification is required by the Drug Free Workplace Act (30 ILCS 580/1 et seq.). The Drug Free Workplace Act, effective January 1, 1992, requires that no grantee or proposer shall receive a grant or be considered for the purposes of being awarded a contract for the procurement of any property or services from the State unless that grantee or proposer has certified to the State that the grantee or proposer will provide a drug free workplace. False certification or violation of the certification may result in sanctions including, but not limited to, suspension of contract or grant payments, termination of the contract or grant and debarment of contracting or grant opportunities with the State for at least one (1) year but not more than five (5) years.

For the purpose of this certification, “grantee” or “proposer” means a corporation, partnership, or other entity with twenty-five (25) or more employees at the time of issuing the grant, or a department, division, or other unit thereof, directly responsible for the specific performance under a contract or grant of \$5,000 or more from the State.

The proposer/grantee certifies and agrees that it will provide a drug free workplace by:

- (a) Publishing a statement:
 - (1) notifying employees that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance, including cannabis, is prohibited in the grantee’s or proposer’s workplace.
 - (2) specifying the actions that will be taken against employees for violations of such prohibition.
 - (3) notifying the employee that, as a condition of employment on such contract or grant, the employee will:
 - (A) abide by the terms of the statement; and
 - (B) notify the employer of any criminal drug statute conviction for a violation occurring in the workplace no later than five (5) days after such conviction.
- (b) Establishing a drug free awareness program to inform employees about:
 - (1) the dangers of drug abuse in the workplace;
 - (2) the grantee’s or proposer’s policy of maintaining a drug free workplace;
 - (3) any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) the penalties that may be imposed upon an employee for drug violations.
- (c) Providing a copy of the statement required by subparagraph (a) to each employee engaged in the performance of the contract or grant and to post the statement in a prominent place in the workplace.

RETURN WITH PROPOSAL

- (d) Notifying the contracting or granting agency within ten (10) days after receiving notice under part (B) of paragraph (3) of subsection (a) above from an employee or otherwise receiving actual notice of such conviction.
- (e) Imposing a sanction on, or requiring the satisfactory participation in a drug abuse assistance or rehabilitation program by, any employee who is so convicted, as required by section 5 of the Drug Free Workplace Act.
- (f) Assisting employees in selecting a course of action in the event drug counseling, treatment, and rehabilitation is required and indicating that a trained referral team is in place.
- (g) Making a good faith effort to continue to maintain a drug free workplace through implementation of the Drug Free Workplace Act.

THE UNDERSIGNED AFFIRMS, UNDER PENALTIES OF PERJURY, THAT HE OR SHE IS AUTHORIZED TO EXECUTE THIS CERTIFICATION ON BEHALF OF THE DESIGNATED ORGANIZATION.

Printed Name of Organization

Signature of Authorized Representative

Printed Name and Title

Date

Requisition/Contract/Grant ID Number

RETURN WITH PROPOSAL

**CERTIFICATION THAT PROPOSER IS NOT BARRED FROM
PUBLIC CONTRACTING DUE TO BID-RIGGING OR
BID ROTATING CONVICTIONS**

WHEREAS, a conviction for the offense of bid-rigging or bid rotating bars a person or entity from bidding on public contracts (720 ILCS 5/33E-3 and 33E-4), and

WHEREAS, Section 33E-11 of the Criminal Code (720 ILCS 5/33E-11) requires bidders and proposers to certify on a form provided by the unit of local government or school district that they are not barred from public contracting due to bid-rigging or bid rotating convictions.

NOW THEREFORE, IT IS HEREBY CERTIFIED THAT the undersigned,

(individual, firm, corporation or other entity)

is not barred from bidding on or entering into public contracts due to having been convicted of bid-rigging or bid rotating under paragraphs 33E-3 or 33E-4 of the Illinois Criminal Code. The undersigned also certifies that no officers or employees of the bidder or the proposer have been so convicted and that the bidder or proposer is not the successor company or a new company created by the officers or owners of one so convicted. It is further certified that any such conviction occurring after the date of this certification will be reported to the above public body in writing, within seven (7) days of such conviction, if it occurs during any bidding process, contract term or otherwise prior to the entering into any contract therewith.

DATE: _____

By: _____

ATTEST:

(SEAL)

RETURN WITH PROPOSAL

PROPOSER CERTIFICATION
SEXUAL HARASSMENT POLICY

_____(“Proposer”), having submitted a proposal to the Village of River Forest,
hereby certifies that said Proposer has a written sexual harassment policy in place in full compliance with
775 ILCS 5/2-105 (A) (4).

Signed by: _____ (Corporate
Seal)

Title: _____

Name & Address _____

of Proposer _____
or Vendor _____

Subscribed and sworn to before me

this _____ day of _____, 2020

Notary Public

REFERENCES

1. Project Location: _____ Project Owner: _____
Project Description: _____
Owner's Representative: _____ Phone: _____
Awarded Contract Cost \$ _____ Final Project Cost \$ _____
2. Project Location: _____ Project Owner: _____
Project Description: _____
Owner's Representative: _____ Phone: _____
Awarded Contract Cost \$ _____ Final Project Cost \$ _____
3. Project Location: _____ Project Owner: _____
Project Description: _____
Owner's Representative: _____ Phone: _____
Awarded Contract Cost \$ _____ Final Project Cost \$ _____
4. Project Location: _____ Project Owner: _____
Project Description: _____
Owner's Representative: _____ Phone: _____
Awarded Contract Cost \$ _____ Final Project Cost \$ _____
5. Project Location: _____ Project Owner: _____
Project Description: _____
Owner's Representative: _____ Phone: _____
Awarded Contract Cost \$ _____ Final Project Cost \$ _____



MEMORANDUM

DATE: October 20, 2020

TO: Eric Palm, Village Administrator

FROM: John Anderson, Director of Public Works

SUBJECT: Automated Metering Infrastructure (AMI) Wireless Network

Issue: Several questions were raised by members of the Village Board related to the possible impact of antenna(s) needed for a potential Automated Metering Infrastructure (AMI) system for water meter data collection. Each community will have different needs in terms of data collection and topographical layouts which can determine the number of antennas needed in order to capture all data transmitted from the meters in all buildings within their water system. AMI systems that have been recently deployed in communities which use the same type of water meters as the meters used in our system (Sensus) have experienced the need to install antennas for the purposes of collecting meter usage data. For example, the Village of Glencoe chose to install two antennas to collect data for their AMI system. The installation of one antenna would have been sufficient according to their water plant superintendent. However, they decided to install two antennas in order to have redundancy, and to make sure all meter usage is captured from mxu devices attached to meters installed in basement locations. Other examples are the Village of Glenview and the Village of Bensenville. Both Villages were able to collect all data through the installation of one antenna in their respective municipalities. Considering these examples, the deployment of an AMI system in River Forest would likely require the installation of either one or two antennas. Locations where antennas could be installed include the water tower behind the Public Works Garage on Forest Avenue, the Water Pumping Station on Berkshire Street, or at Village Hall on Park Avenue. The location(s) will be determined once an analysis is performed by the selected firm within the RFP process.

Background: Advanced metering works via wireless technology to send readings to a regional collector that transmits water meter usage data to one location (Village Hall). The system typically works via wireless radio frequency (RF) signals sent from a transmitter unit (mxu) that is most often located on the exterior of the building. The wireless network that connects to Sensus meters communicates via primary-use FCC-licensed spectrum. In a licensed spectrum point-to-multipoint network, the data collector can talk to all endpoints individually, and endpoints can transmit information back to the data collector. The wireless portions of the system will be operated according to Federal Communications Commission rules on a licensed spectrum, and will not interfere with other radio frequencies in the area. To eliminate interference, if the meter senses RF communications in progress from other sources on its frequencies, it will wait and transmit at a later time. Thank you.



MEMORANDUM

DATE: October 20, 2020

TO: Eric Palm, Village Administrator

FROM: John Anderson, Director of Public Works

SUBJECT: Bicycle Plan Implementation

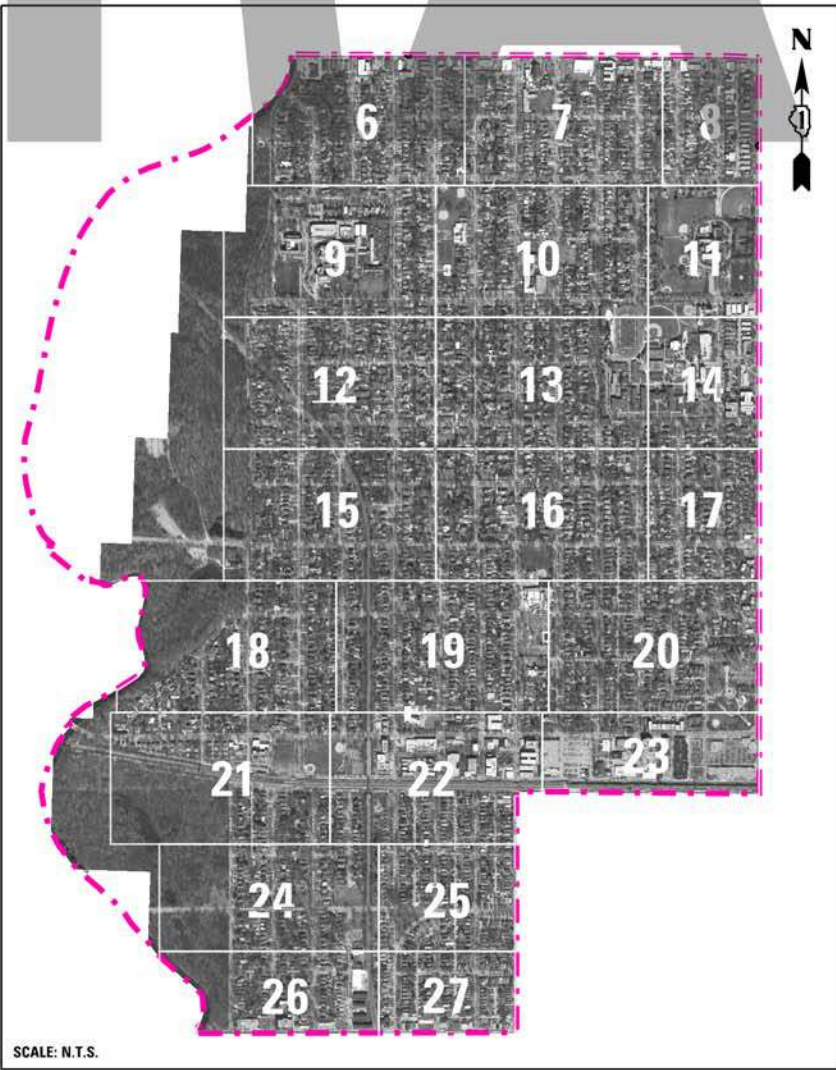
Issue: Last year the Village Board approved the recommendation of the Sustainability Commission to include the creation of a Village-wide bicycle plan. The purpose of the plan was to establish a safe, comfortable and defined network of bicycle facilities that serves all ages and abilities and connects to key destinations in the Village, the adjoining communities, and the nearby Forest Preserves and regional trails. This plan was completed by the engineering firm KLOA, Inc. and was done in conjunction with overall Village Master Plan project. The majority of the plan is located on streets under Village jurisdiction as opposed to IDOT controlled streets. This portion of the project involves the installation of 342 signs to guide bicyclists along the designated routes, create motorist awareness, and improve safety at intersections. Sign types include bike lane signs, bicycle crossing signs, and wayfinding confirmation, turn and decision signs. The plan set identifies the sign content/wording, sizing specifications, quantities, posting locations, and form of mounting (i.e., posts, existing poles, etc.). Implementation will also require the installation of bike lane symbols, arrows, and shared lane markings, approximately 5,500 lineal feet of solid white lane line markings, and some pavement marking removals.

Background: Staff pursued several grant opportunities for the implementation of this project in order to be able to proceed only after seeking available grant opportunities. Grant applications were submitted through the RTA Access to Transit Program, and the Cook County - Invest in Cook program. Although these grant applications were not successful, the Village was able to receive a grant through the office of our Cook County Commissioner. This grant will cover \$30,735 of the funds needed for project implementation and will require an intergovernmental agreement with the Cook County Department of Transportation. The estimated cost of this portion of bicycle plan implementation which includes all signage and pavement striping is \$194,000. This is a project that was included in this fiscal year's budget. This is scheduled for a mid-November bid opening with construction planned for Spring 2021. Portions of the bicycle plan located on IDOT controlled streets will require coordination and approval from IDOT and will be pursued in future phases. Another area that is planned for future bicycle friendly infrastructure is Thatcher Avenue from North Ave. to Madison St. where the Des Plaines River Trail Project is anticipated to be implemented in the future. Thank you.

Attachment: Bicycle Sign and Pavement Marking Plan Set
Bicycle Plan Street Map

BICYCLE SIGN & PAVEMENT MARKING PLAN

RIVER FOREST, ILLINOIS
COOK COUNTY



INDEX OF SHEETS

1	TITLE SHEET
2	GENERAL NOTES, IDOT STANDARDS & SUMMARY OF QUANTITIES
3-4	SIGN SUMMARY
5	SHARED LANE MARKING PLACEMENT DETAILS
6-27	BICYCLE SIGN & PAVEMENT MARKING PLANS
28-30	DIVISION STREET BIKE LANE STRIPING DETAIL
31-33	CENTRAL AVENUE BIKE LANE STRIPING DETAIL
34-44	STANDARD DETAILS

NOTE: THE CONTRACTOR SHALL BE SOLEY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/DIRECTION AND MEANS/METHODS OF CONSTRUCTION.



ENGINEER

ERIC D. RUSSELL
ILLINOIS REGISTRATION No.: 062-063652
EXPIRATION DATE: 11-30-2021
PROFESSIONAL DESIGN FIRM No.: 184-001747

VILLAGE OF RIVER FOREST
BICYCLE SIGN & PAVEMENT MARKING PLAN
SHEET LOCATION MAP

GENERAL NOTES

UTILITIES:

THE CONTRACTOR SHALL COOPERATE WITH THE VILLAGE IN ANY UNDERGROUND UTILITY CONSTRUCTION WHICH THE VILLAGE MAY WANT TO PLACE DURING THE CONTRACTOR'S OPERATIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.

THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER OR THE VILLAGE. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE TELEVISION FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED.)

STAKING:

THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL SECTION OR SUBSECTION MONUMENTS OR PROPERTY OR REFERENCE MARKERS UNTIL THE VILLAGE, HIS AGENT OR AN AUTHORIZED SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATIONS.

WATER, STORM SEWER AND SANITARY SEWER:

WHENEVER DURING CONSTRUCTION OPERATIONS ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DIRT AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCIDENTAL TO THE CONTRACT.

ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AND INCIDENTAL TO THE CONTRACT.

THE CONTRACTOR SHALL NOT OPEN OR SHUT ANY WATER VALVES OR FIRE HYDRANTS. CONTACT THE PUBLIC WORKS DEPARTMENT FOR THEM TO TURN VALVES OR OPERATE HYDRANTS. UNAUTHORIZED USE SHALL SUBJECT THE OFFENDER TO ARREST AND PROSECUTION.

GENERAL NOTES:

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," ADOPTED JANUARY 1, 2017, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS," ADOPTED JANUARY 1, 2017, AND THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS" (ILMUTCD).

HIGHWAY STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY
701801-06	LANE CLOSURE MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
B.L.R. 18-6	TRAFFIC CONTROL DEVICES DAY LABOR MAINTENANCE

DISTRICT STANDARDS

TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
-------	--

SUMMARY OF QUANTITIES

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL
67100100	MOBILIZATION	L SUM	1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
72000100	SIGN PANEL - TYPE I	SQ FT	1283.08
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	14
* 72900100	METAL POST - TYPE A	FOOT	350
72900200	METAL POST - TYPE B	FOOT	322
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3014
78000200	THERMOPLASTIC PAVEMENT MARKING-LINE 4"	FOOT	1735
78000400	THERMOPLASTIC PAVEMENT MARKING-LINE 6"	FOOT	3779
78000650	THERMOPLASTIC PAVEMENT MARKING-LINE 24"	FOOT	4
78300100	PAVEMENT MARKING REMOVAL	SQ FT	122
* X2600011	REMOVE AND RELOCATE SIGN PANEL	EACH	125
* Z0051398	REMOVE EXISTING SIGN POST	EACH	13

* EXACT QUANTITIES TO BE DETERMINED AT TIME OF INSTALLATION
BASED ON FIELD INSPECTION OF EXISTING SIGN POSTS,
LIGHT POLES, AND SIGN PLACEMENTS.



9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987








PROJECT # 19-297

DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -







GENERAL NOTES, IDOT STANDARDS & SUMMARY OF QUANTITIES

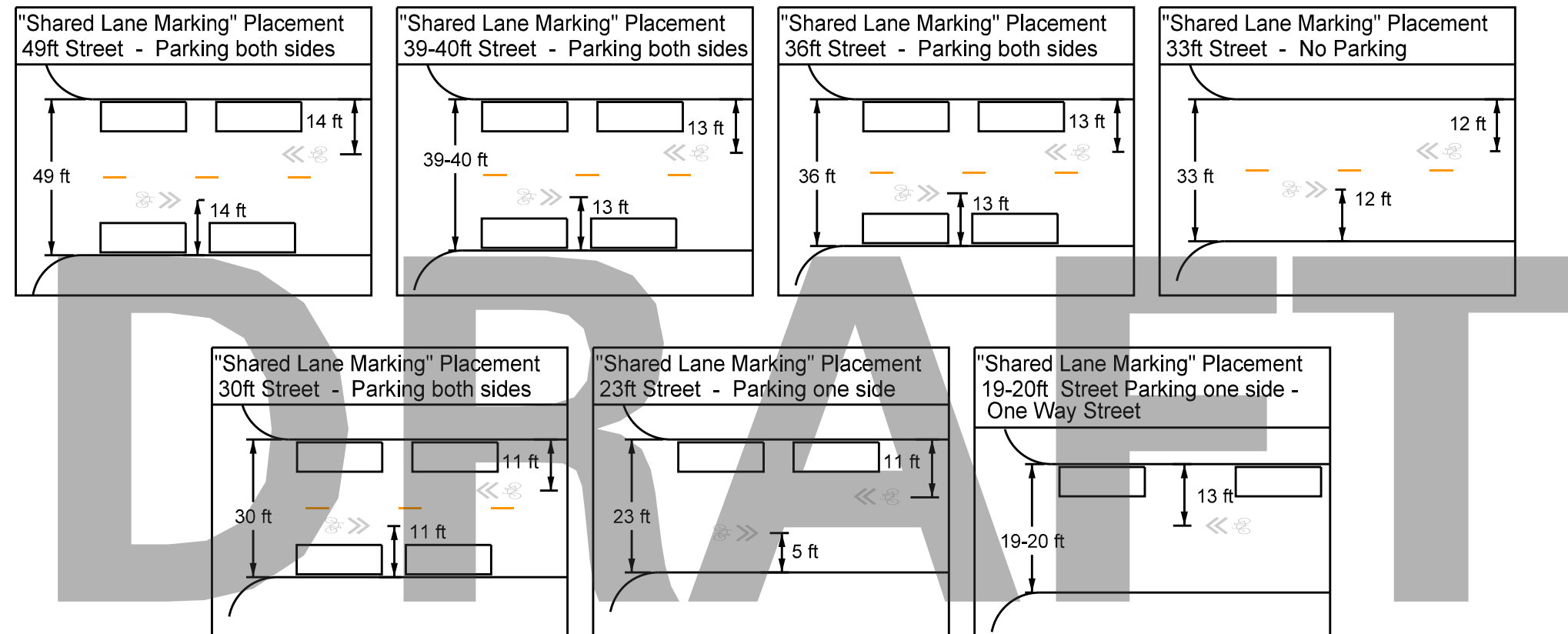
	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK	44	2
SCALE: NONE			
PLOT DATE = 3/31/2025ILLINOIS			

SIGN SUMMARY

IMAGE	TYPE	MUTCD DESIGNATION	COLOR		SIZE	UNIT	QUANTITY	SHEET LOCATION
			SYMBOLS/ LETTERS	BACKGROUND				
	BIKE ROUTE GUIDE SIGN	D11-1	WHITE	GREEN	24" x 18"	EA	107	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27
	BIKE ROUTE DIRECTIONAL ARROW AUXILIARY PLAQUE	M6-1	WHITE	GREEN	12" x 9"	EA	3	9, 21
	BIKE ROUTE DIRECTIONAL ARROW AUXILIARY PLAQUE	M6-1	WHITE	GREEN	12" x 9"	EA	3	6, 9, 21
	BIKE LANE SIGN	R3-17	WHITE BLACK	BLACK WHITE	24" x 18"	EA	11	9, 23, 28, 29, 30, 32, 33
	BIKE LANE AHEAD PLAQUE	R3-17aP	BLACK	WHITE	24" x 8"	EA	1	9
	BIKE LANE ENDS PLAQUE	R3-17bP	BLACK	WHITE	24" x 8"	EA	3	9, 23, 28, 30, 32
	BICYCLES MAY USE FULL LANE SIGN	R4-11	BLACK	WHITE	30" x 30"	EA	19	7, 9, 10, 11, 13, 15, 16, 17, 19, 22, 24, 25, 27

SIGN SUMMARY

IMAGE	TYPE	MUTCD DESIGNATION	COLOR		SIZE	UNIT	QUANTITY	SHEET LOCATION
			SYMBOLS/ LETTERS	BACKGROUND				
	BICYCLE WARNING SIGN (2-SIDED)	W11-1	BLACK	FLUORESCENT YELLOW-GREEN	30" x 30"	EA	24	14, 15, 16, 17, 20
	COMBINED BICYCLE/ PEDESTRIAN SIGN (2-SIDED)	W11-15	BLACK	FLUORESCENT YELLOW-GREEN	30" x 30"	EA	4	18
	DIAGONAL DOWNWARD-POINTING ARROW PLAQUE (2-SIDED)	W16-17P	BLACK	FLUORESCENT YELLOW-GREEN	24" x 12"	EA	24	14, 15, 16, 17, 20
	BICYCLE DESTINATION SIGN (1 LINE)	D1-1b	WHITE	GREEN	36" x 6"	EA	7	18, 20, 21, 24, 26, 27
	BICYCLE DESTINATION SIGN (2 LINES)	D1-2b	WHITE	GREEN	36" x 12"	EA	30	6, 7, 9, 10, 11, 12, 13, 15, 16, 18, 20, 21, 23, 24, 25, 29
	BICYCLE DESTINATION SIGN (3 LINES)	D1-3b	WHITE	GREEN	36" x 18"	EA	106	6, 7, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 28, 33



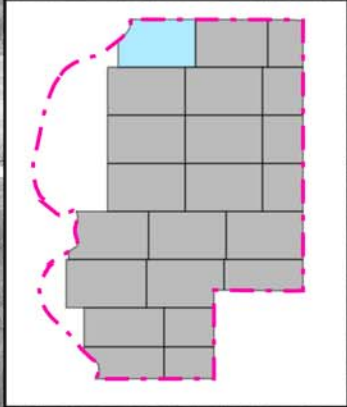
SHARED LANE MARKING PLACEMENT

Street	Block	Street Width (ft)	Centerline Marking	Side with Parking Lane	Northbound/Eastbound Symbol Placement (ft from curb face) ¹	Southbound/Westbound Symbol Placement (ft from curb face) ¹
Central Ave	Keystone-CN RR	19	n/a ²	North	n/a	13 ft from north curb
	CN RR-Park	19	n/a ²	South	n/a	13 ft from south curb
	Park-Lathrop	23	No	North	5 ft	11 ft
	Lathrop-Jackson	30	Yes	Both	11 ft	11 ft
	Jackson-William	30	Yes	South	11 ft	n/a ³
	William-Clinton	30	n/a ²	Both	19 ft from north curb	n/a
	Clinton-Harlem	20	n/a ²	South	14 ft from south curb	n/a
Chicago Ave	Thacker-Bonnie Brae	36	Yes	Both	13 ft	13 ft
	Bonnie Brae-Harlem	33	Yes	None	12 ft	12 ft
Division St	Park-Bonnie Brae	39	Yes	Both	13 ft	13 ft
	Bonnie Brae-Harlem	49	Yes	Both	14 ft	14 ft
Lathrop Ave	North-Lake	30	Yes	Both	11 ft	11 ft
	Lake-Central	36	Yes	Both	13 ft	13 ft
	Hawthorne-Madison	36	Yes	Both	13 ft	13 ft
Washington St	Thacker-Lathrop	40	Yes	Both	13 ft	13 ft

¹ Distance is measured from face of curb to centerline of shared lane marking.

² One-way street segment

³ Westbound direction will feature a dedicated bicycle lane.



NORTH AVENUE

64

CVS
PHARMACY

PARK AVENUE

FRANKLIN AVENUE

LE MOYNE PARKWAY

THATCHER AVENUE

KEYSTONE AVENUE

FOREST AVENUE



GREENFIELD STREET

LEGEND

- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
- T_E - POST MOUNT (EXISTING POST)⁽²⁾
- T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

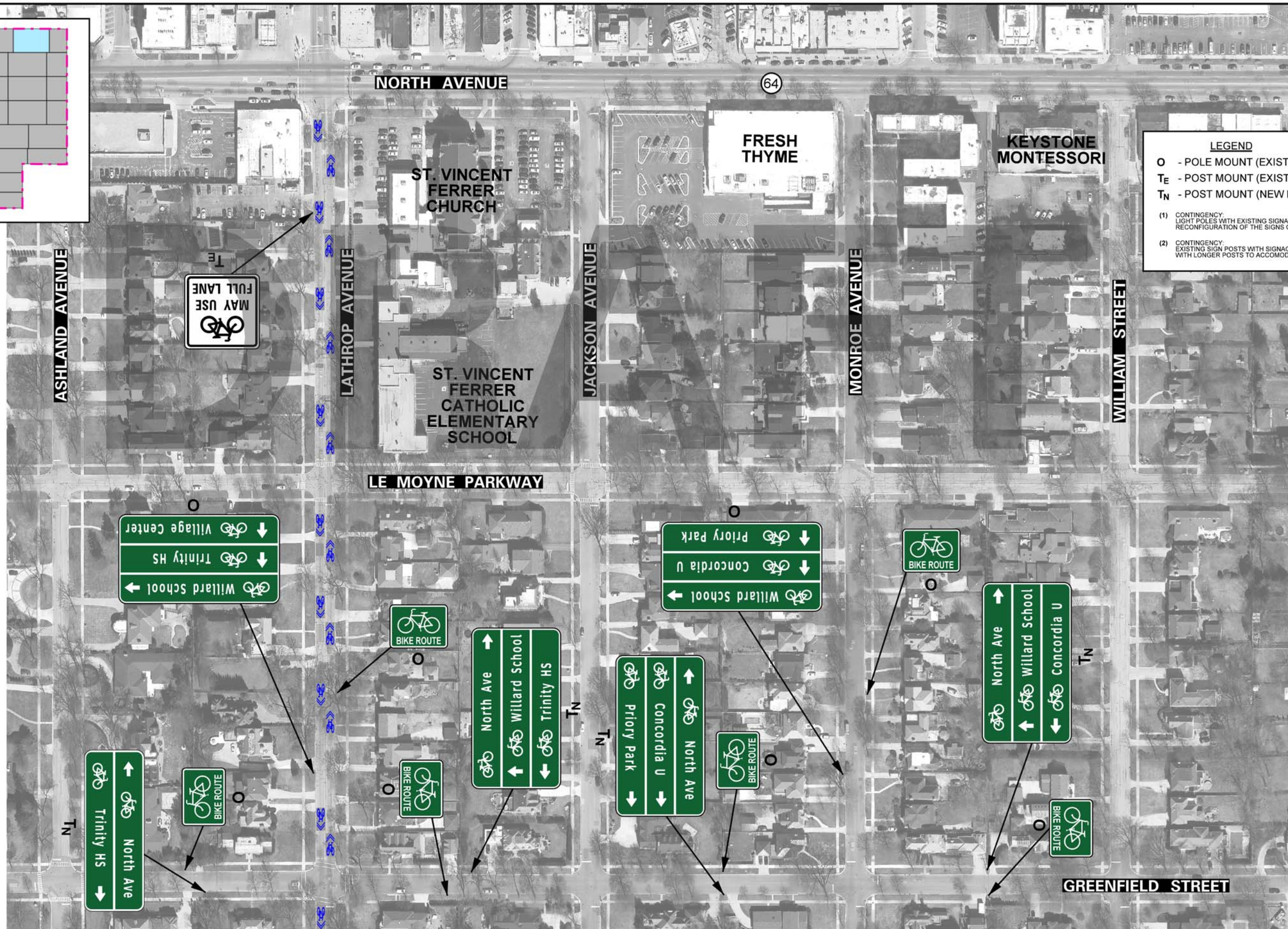
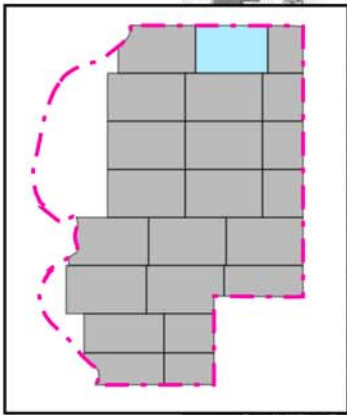


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED	- ER	REVISED	-
DRAWN	- MD	REVISED	-
CHECKED	- ER	REVISED	-
DATE	-	REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	6
SCALE: 1"=80'		
PLOT DATE: 3/31/2023		



LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

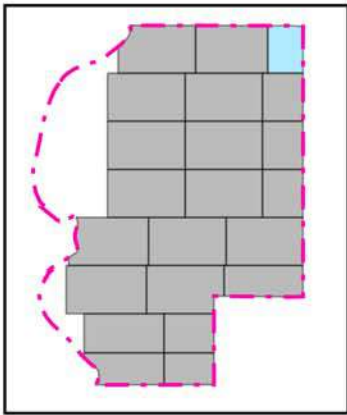
(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	7

SCALE: 1"=80'
PLOT DATE: 3/31/2023 ILLINOIS



LEGEND
O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

⁽¹⁾ CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

⁽²⁾ CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

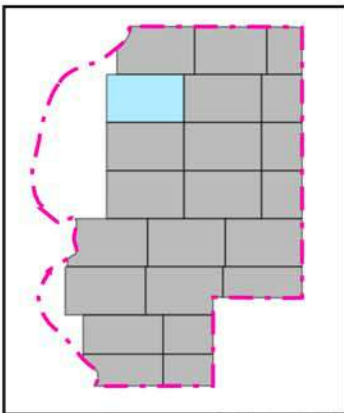


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED -	ER	REVISED -	
DRAWN -	MD	REVISED -	
CHECKED -	ER	REVISED -	
DATE -		REVISED -	

BICYCLE SIGN & PAVEMENT MARKING PLAN

	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK	44	8
SCALE: 1"=80'			
PLOT DATE = 3/31/2023 ILLINOIS			



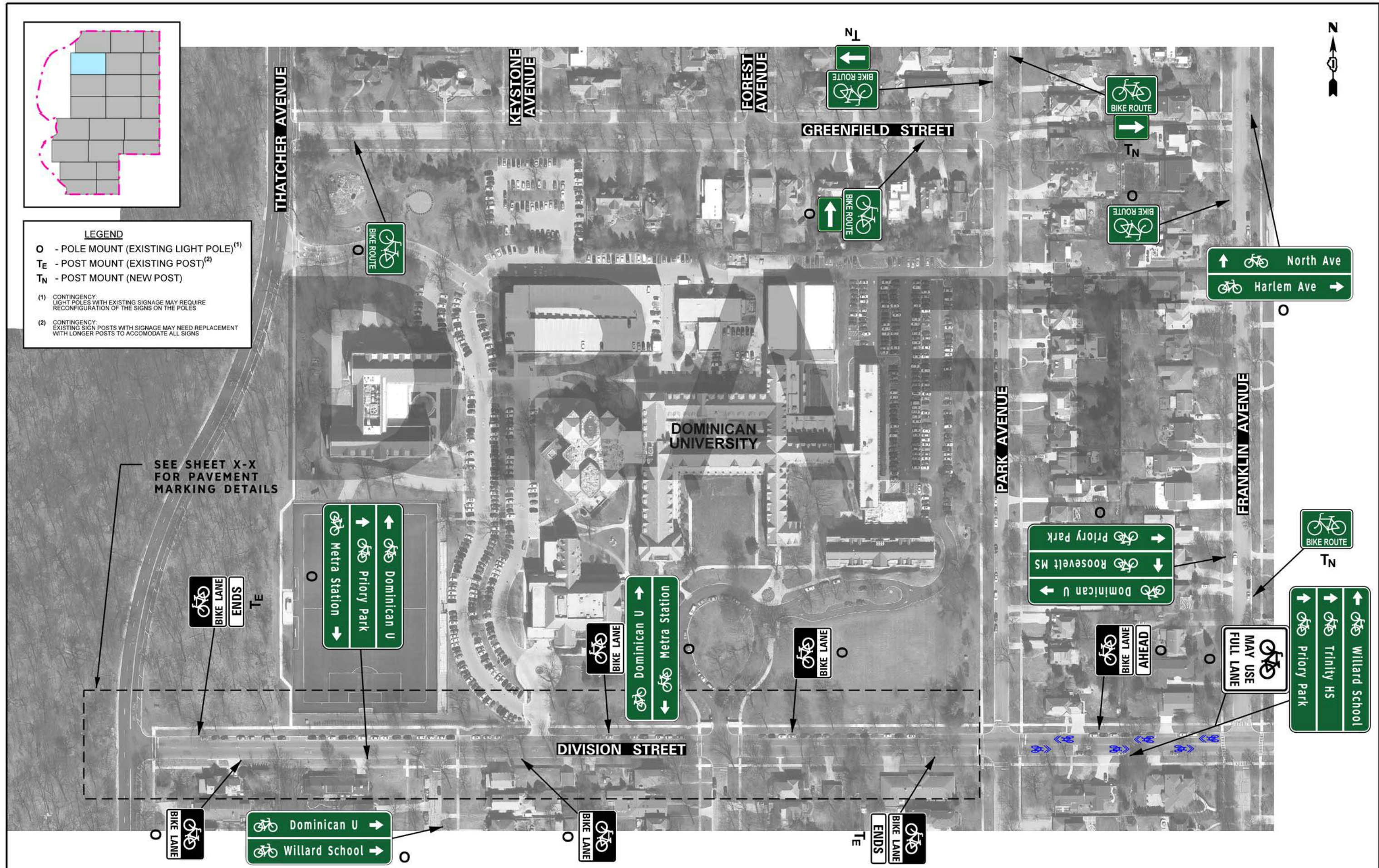
LEGEND

- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
- T_E - POST MOUNT (EXISTING POST)⁽²⁾
- T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY: LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY: EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

SEE SHEET X-X FOR PAVEMENT MARKING DETAILS



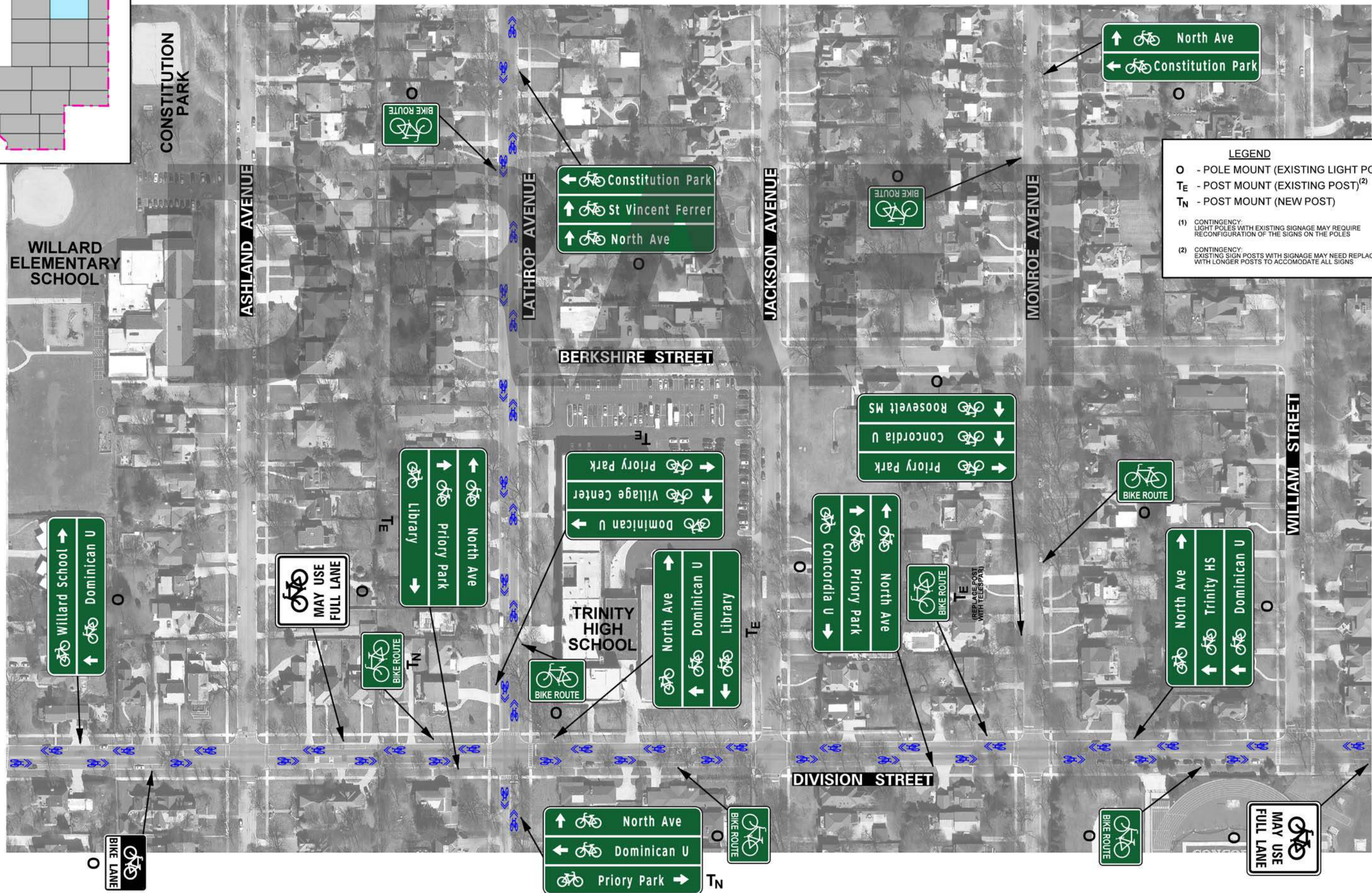
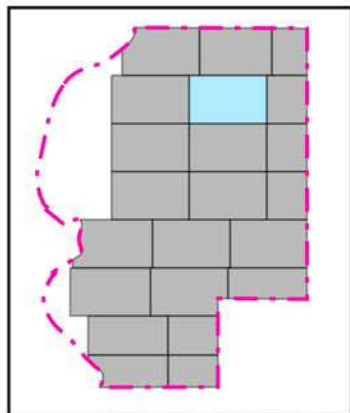
9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED	- ER	REVISED	-
DRAWN	- MD	REVISED	-
CHECKED	- ER	REVISED	-
DATE	-	REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	9

SCALE: 1"=80'
PLOT DATE: 3/31/2023



LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

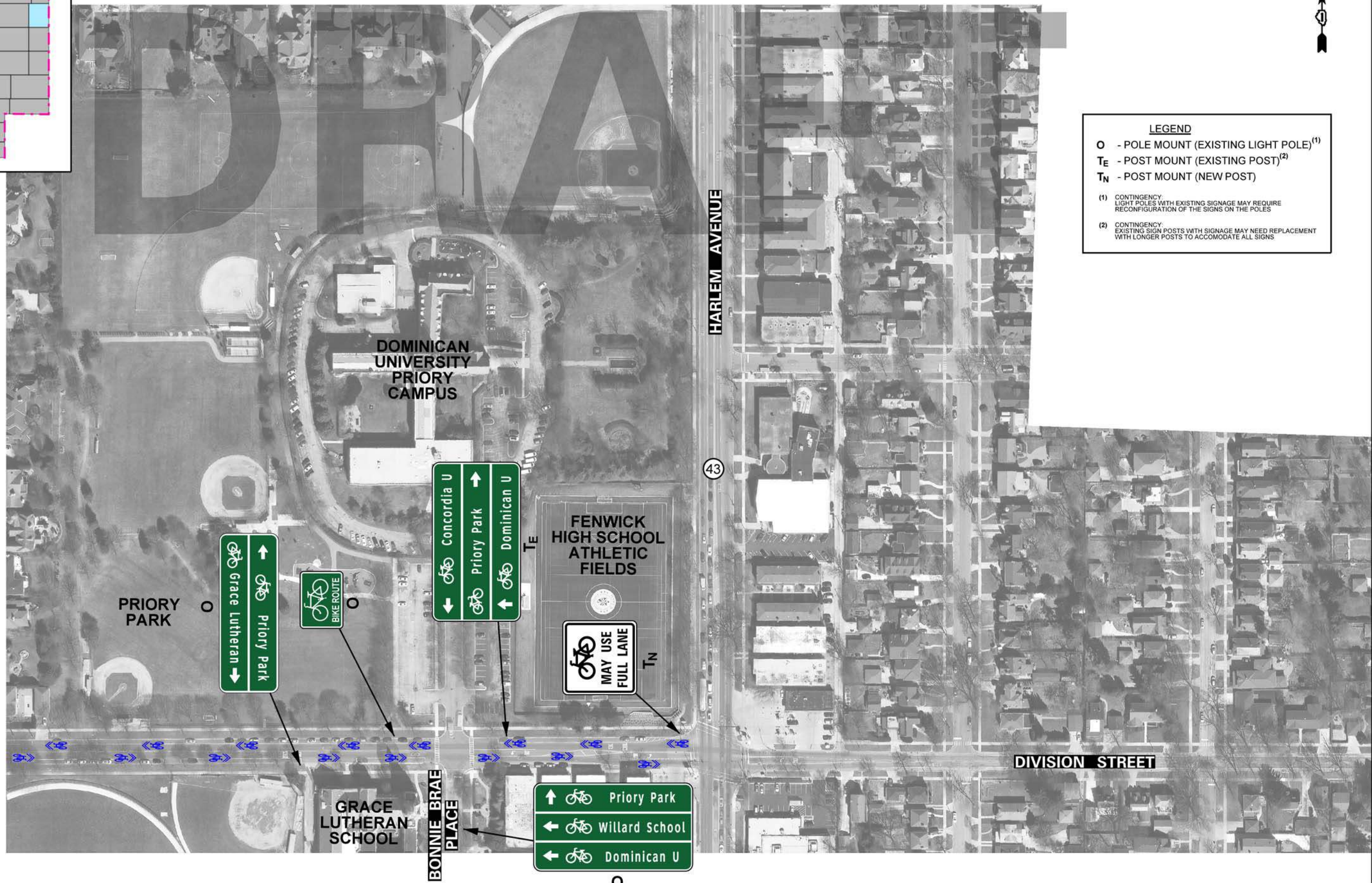
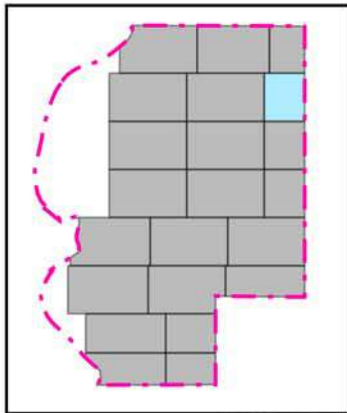
(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

DESIGNED	- ER	REVISED	-
DRAWN	- MD	REVISED	-
CHECKED	- ER	REVISED	-
DATE	-	REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	10

SCALE: 1"=80'
PLOT DATE: 3/31/2023



LEGEND

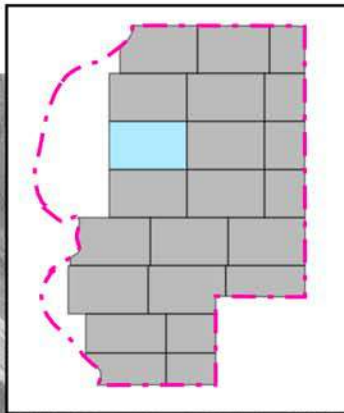
O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾

T_E - POST MOUNT (EXISTING POST)⁽²⁾

T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS



LEGEND

- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
- T_E - POST MOUNT (EXISTING POST)⁽²⁾
- T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS



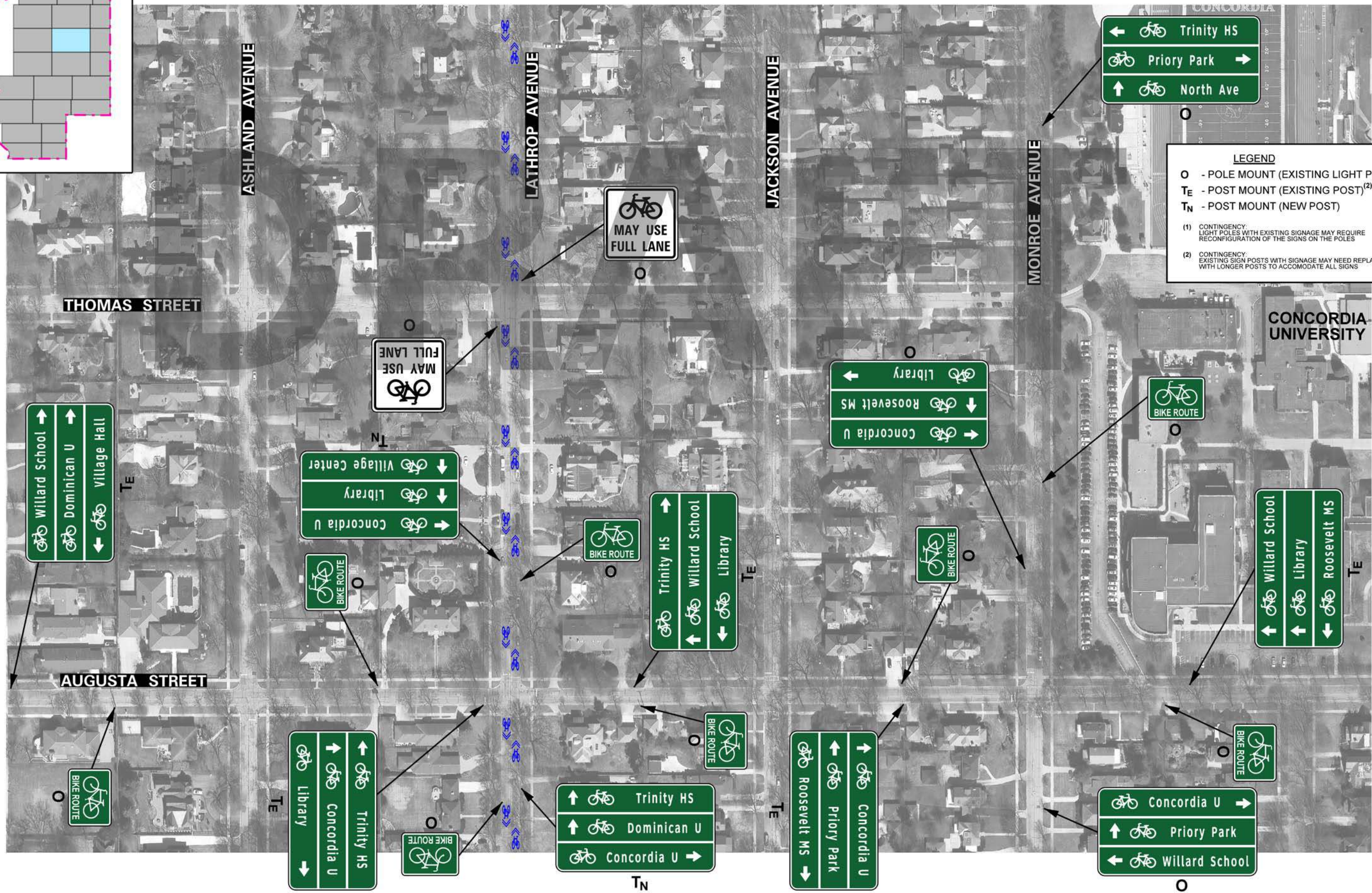
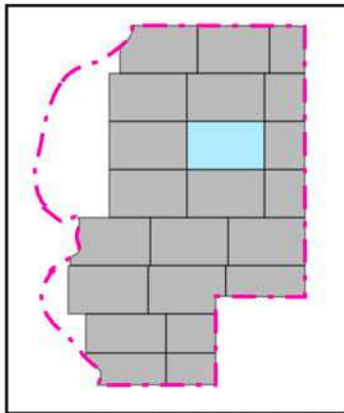
9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED	- ER	REVISED	-
DRAWN	- MD	REVISED	-
CHECKED	- ER	REVISED	-
DATE	-	REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	12

SCALE: 1"=80'
PLOT DATE: 3/31/2023 ILLINOIS



LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

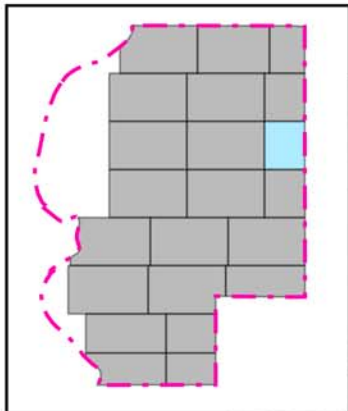


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED -	ER	REVISED -	
DRAWN -	MD	REVISED -	
CHECKED -	ER	REVISED -	
DATE -		REVISED -	

BICYCLE SIGN & PAVEMENT MARKING PLAN

	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK	44	13
SCALE: 1"=80'			
PLOT DATE: 3/31/2023			



LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

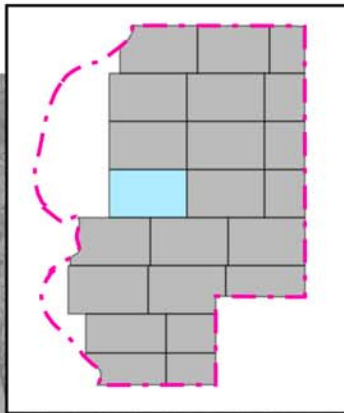
(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	14
SCALE: 1"=80'		
PLOT DATE = 3/31/2023 ILLINOIS		



LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

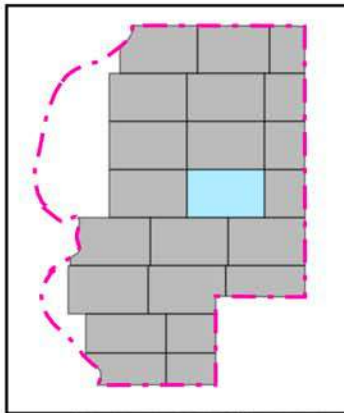


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED -	ER	REVISED -	
DRAWN -	MD	REVISED -	
CHECKED -	ER	REVISED -	
DATE -		REVISED -	

BICYCLE SIGN & PAVEMENT MARKING PLAN

	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK	44	15
SCALE: 1"=80'			
PLOT DATE = 3/31/2023 ILLINOIS			

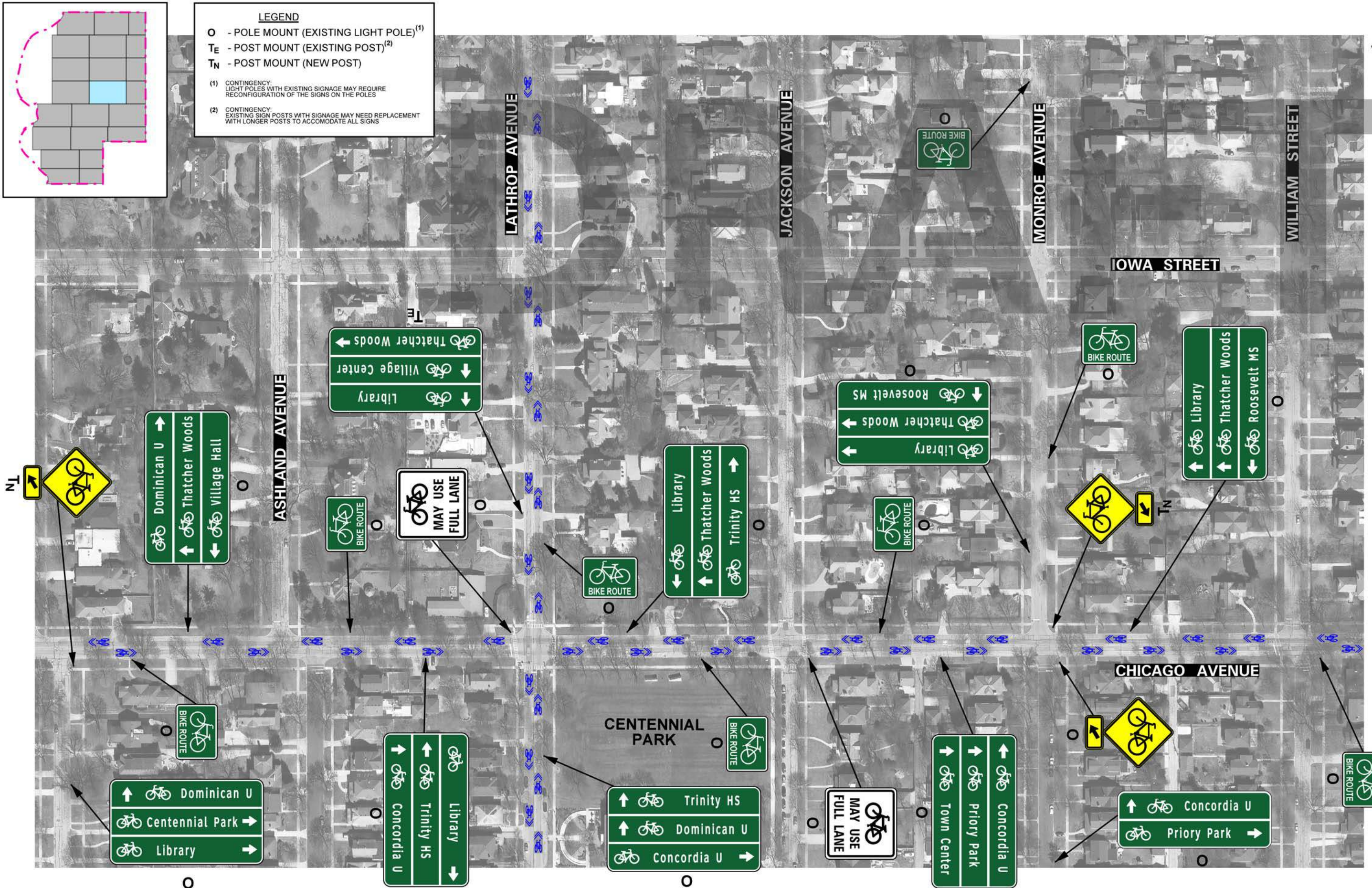


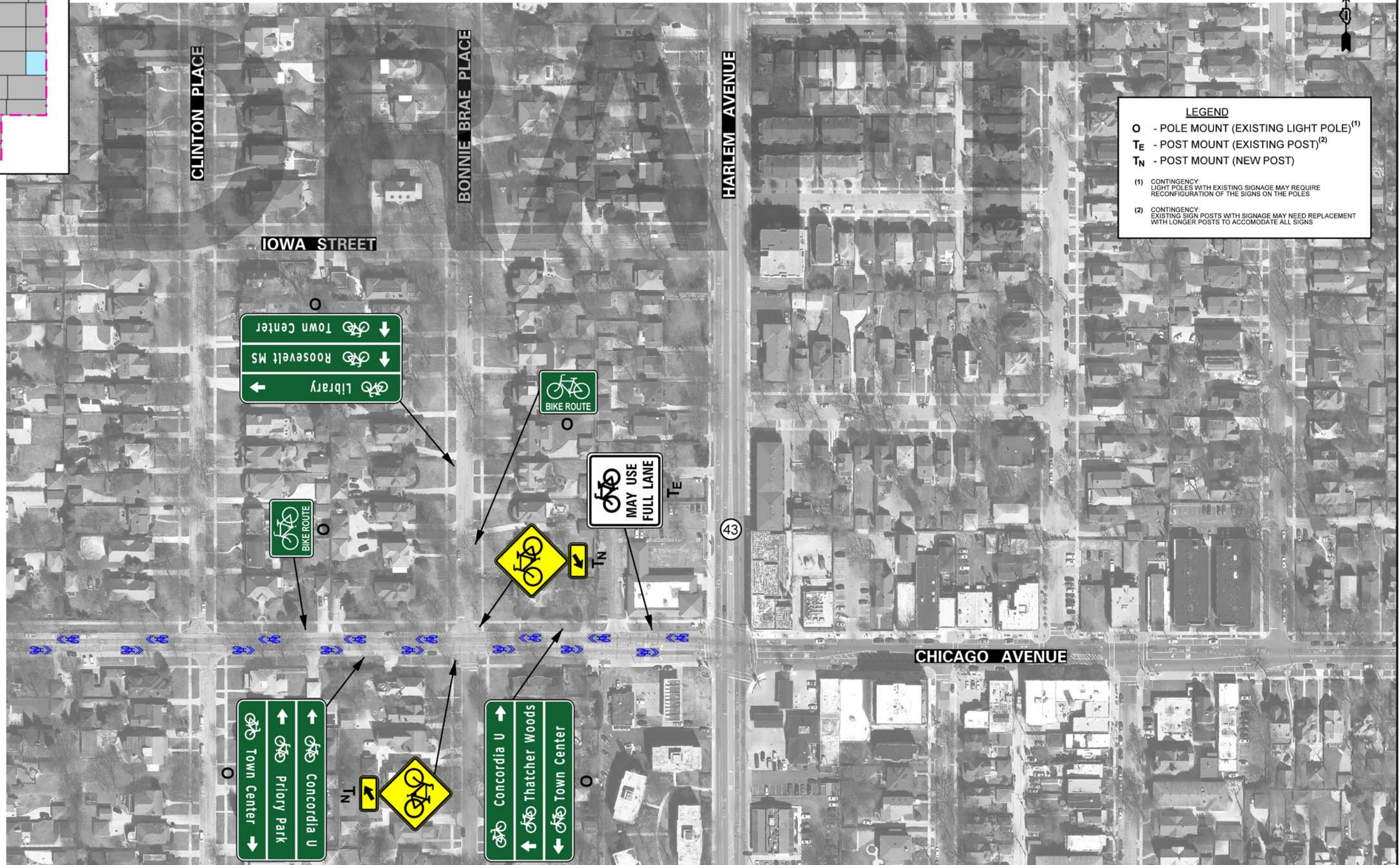
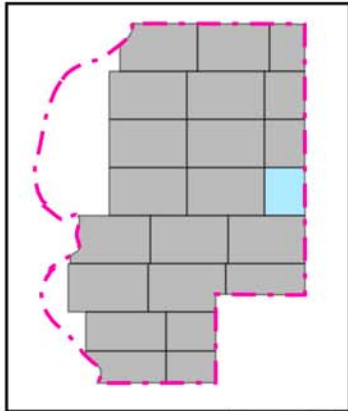
LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS



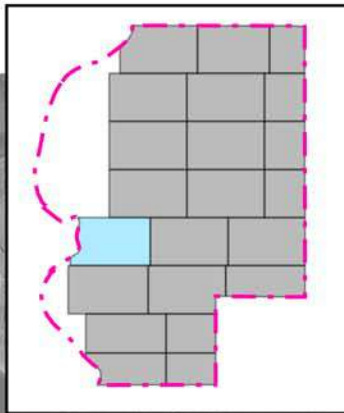


DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	17

SCALE: 1"=80'
PLOT DATE = 3/31/2023 ILLINOIS

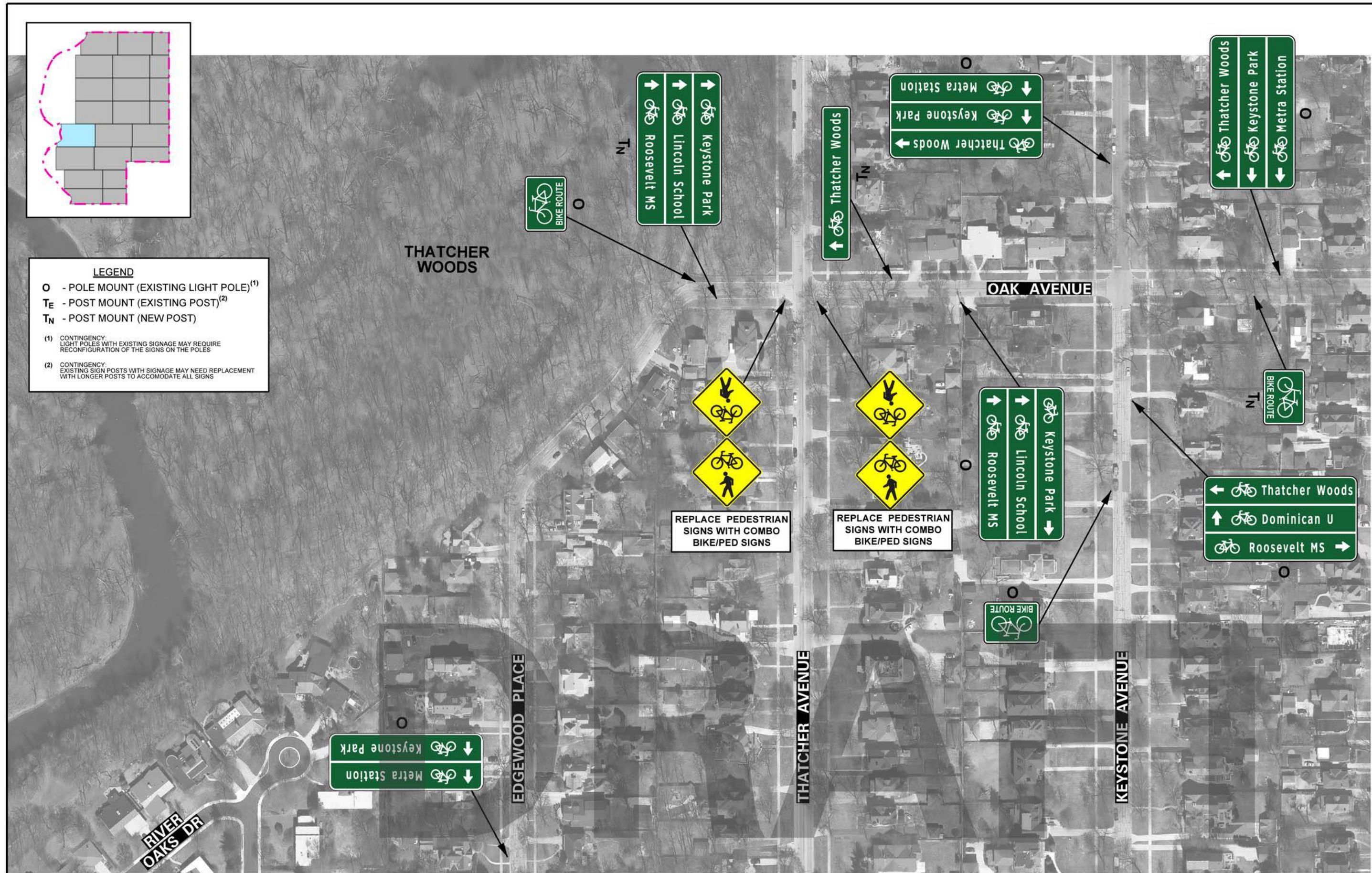


LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS



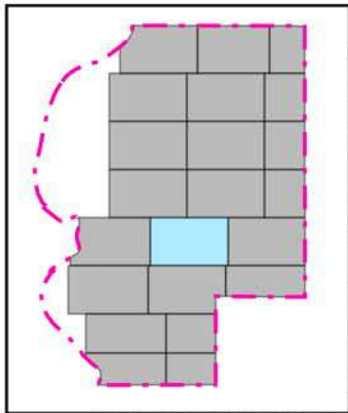
9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	18

SCALE: 1"=80'
PLOT DATE: 3/31/2023

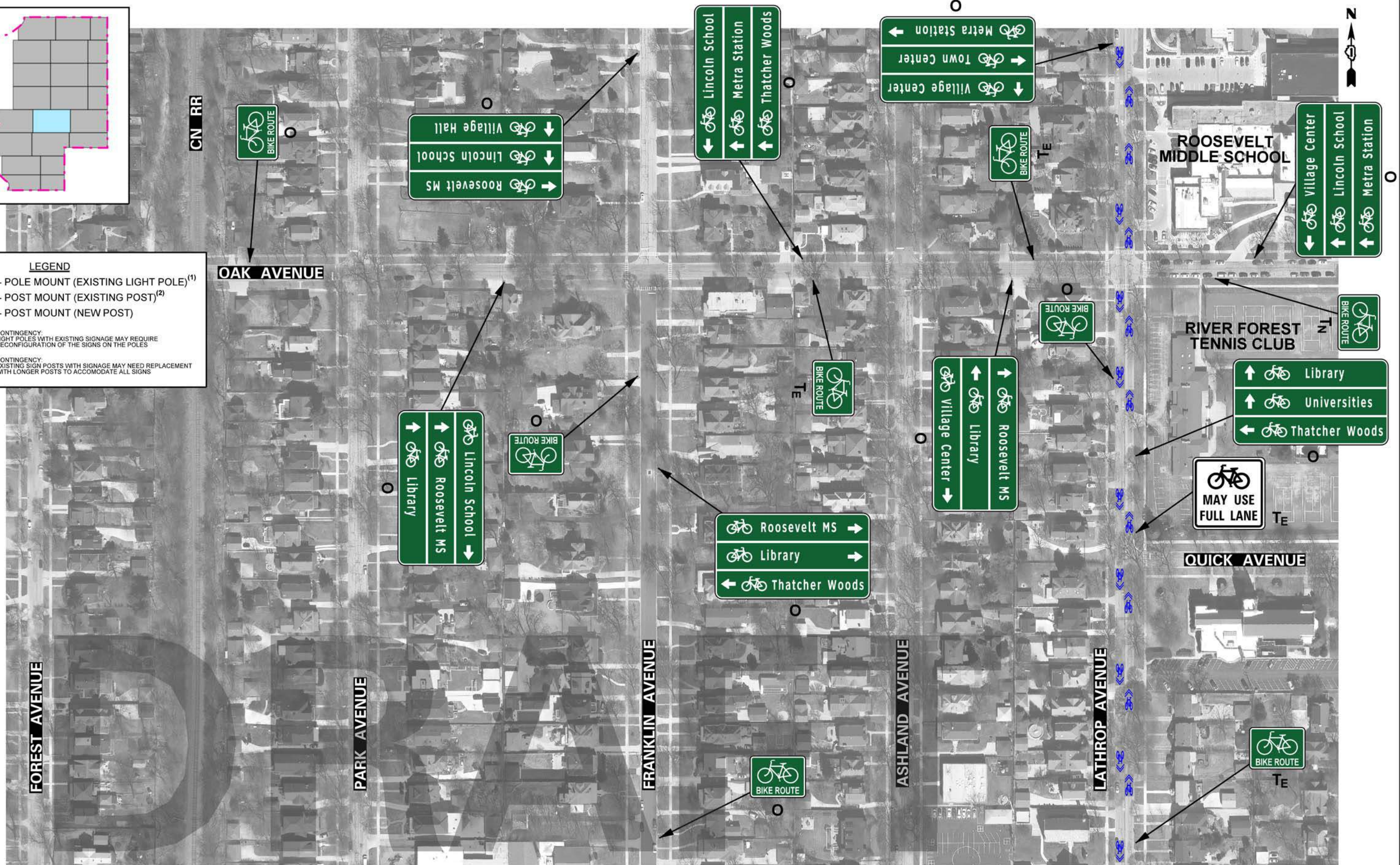


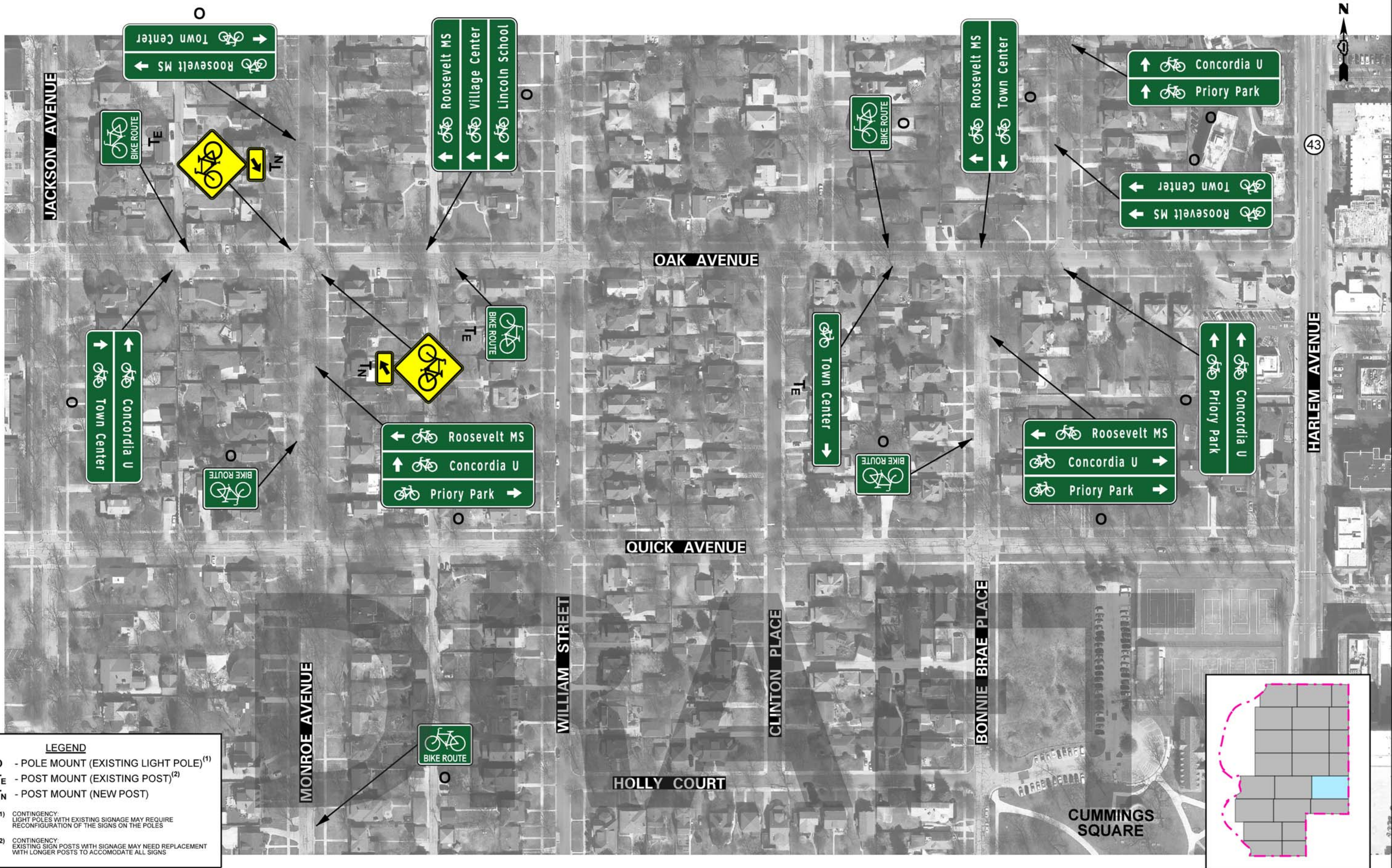
LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS





LEGEND

- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
TE - POST MOUNT (EXISTING POST)⁽²⁾
TN - POST MOUNT (NEW POST)

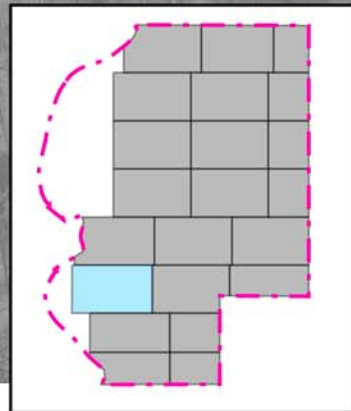
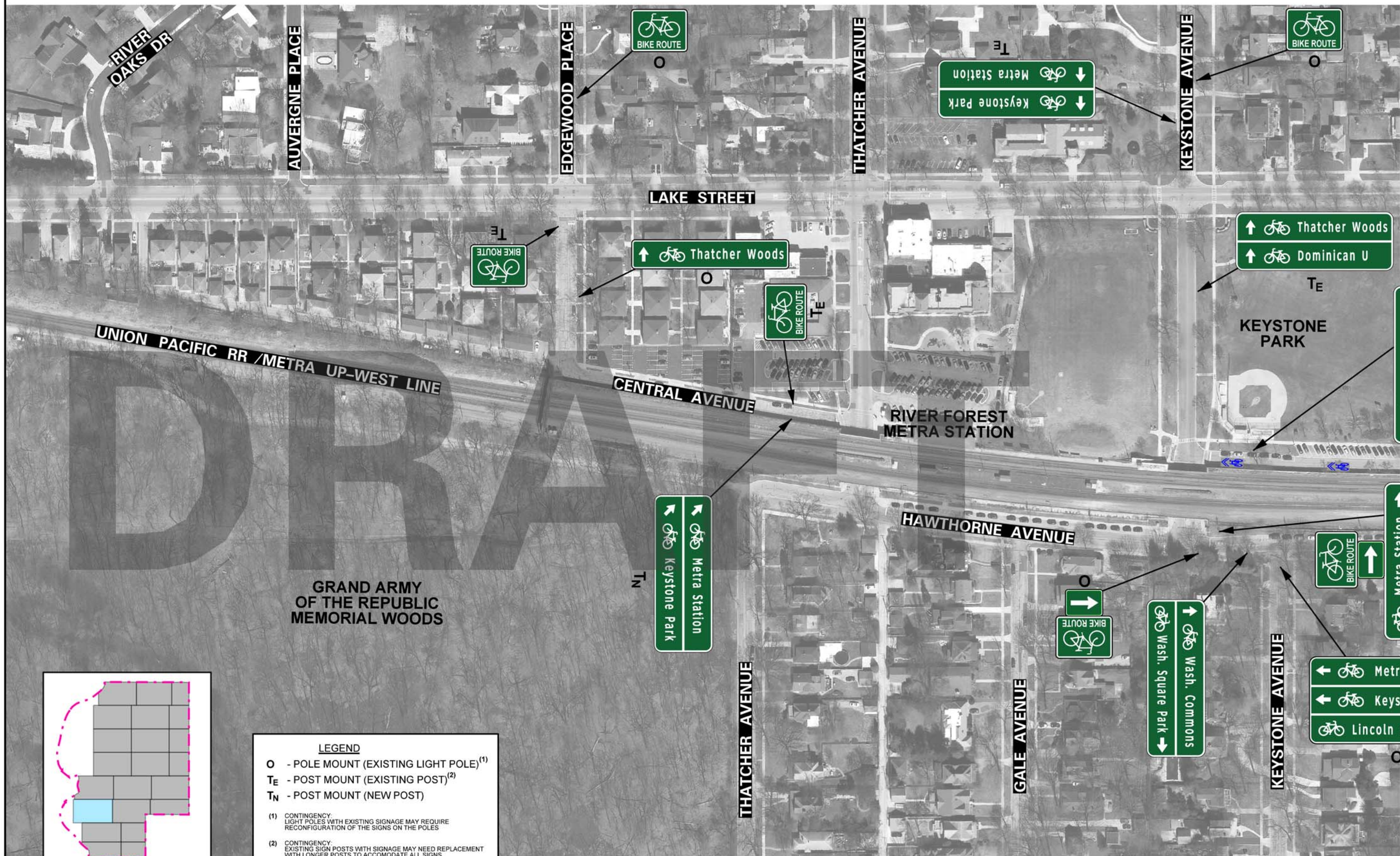
- (1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES
(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	20

SCALE: 1"=80'
PLOT DATE = 3/31/2023 ILLINOIS



LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾

T_E - POST MOUNT (EXISTING POST)⁽²⁾

T_N - POST MOUNT (NEW POST)

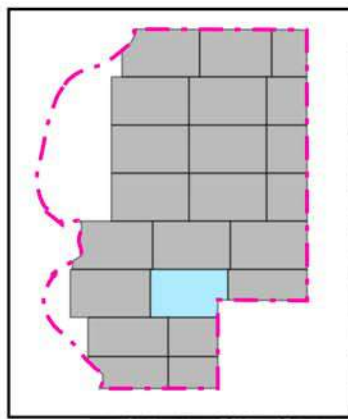
(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

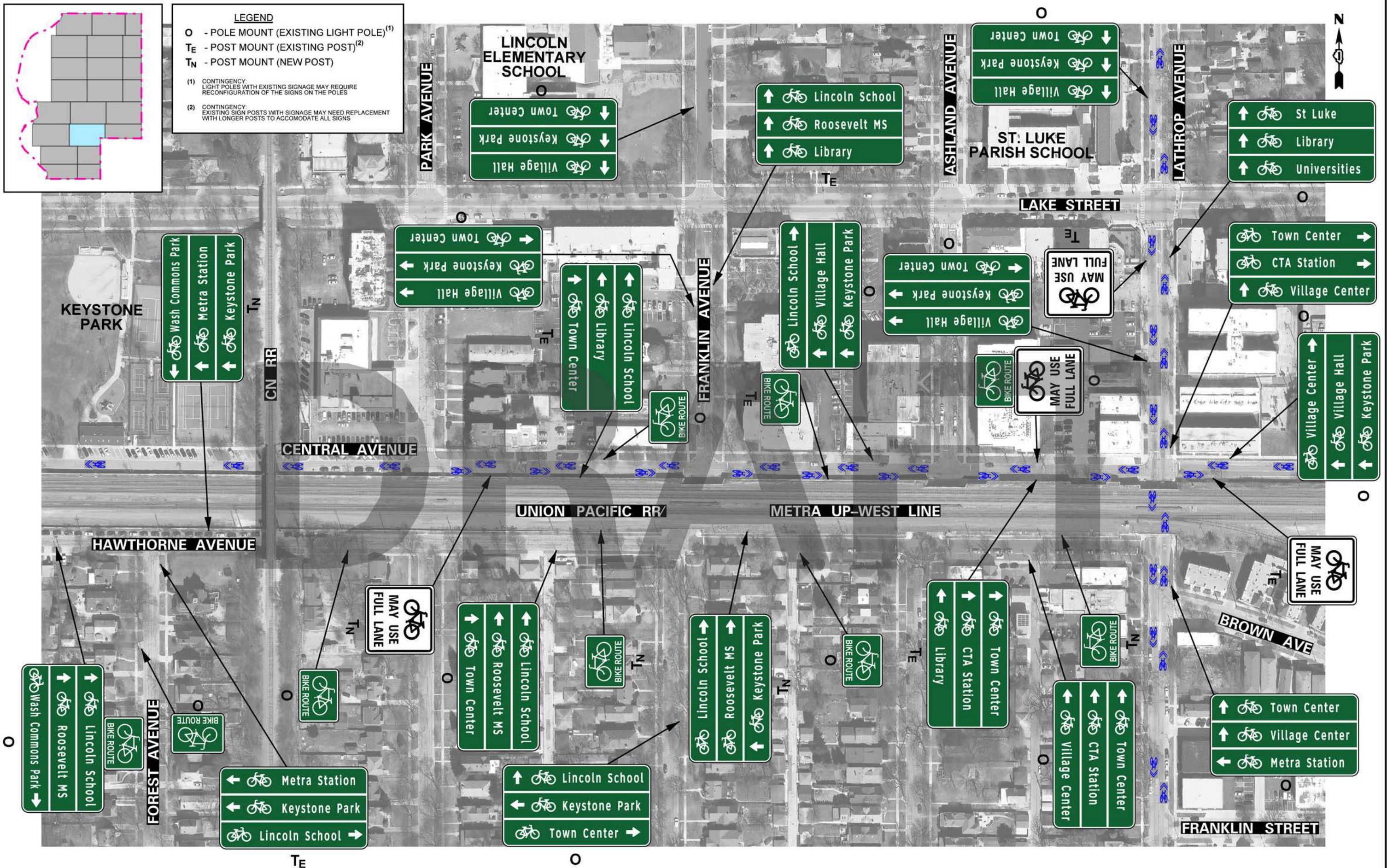
DESIGNED -	ER	REVISED -	
DRAWN -	MD	REVISED -	
CHECKED -	ER	REVISED -	
DATE -		REVISED -	

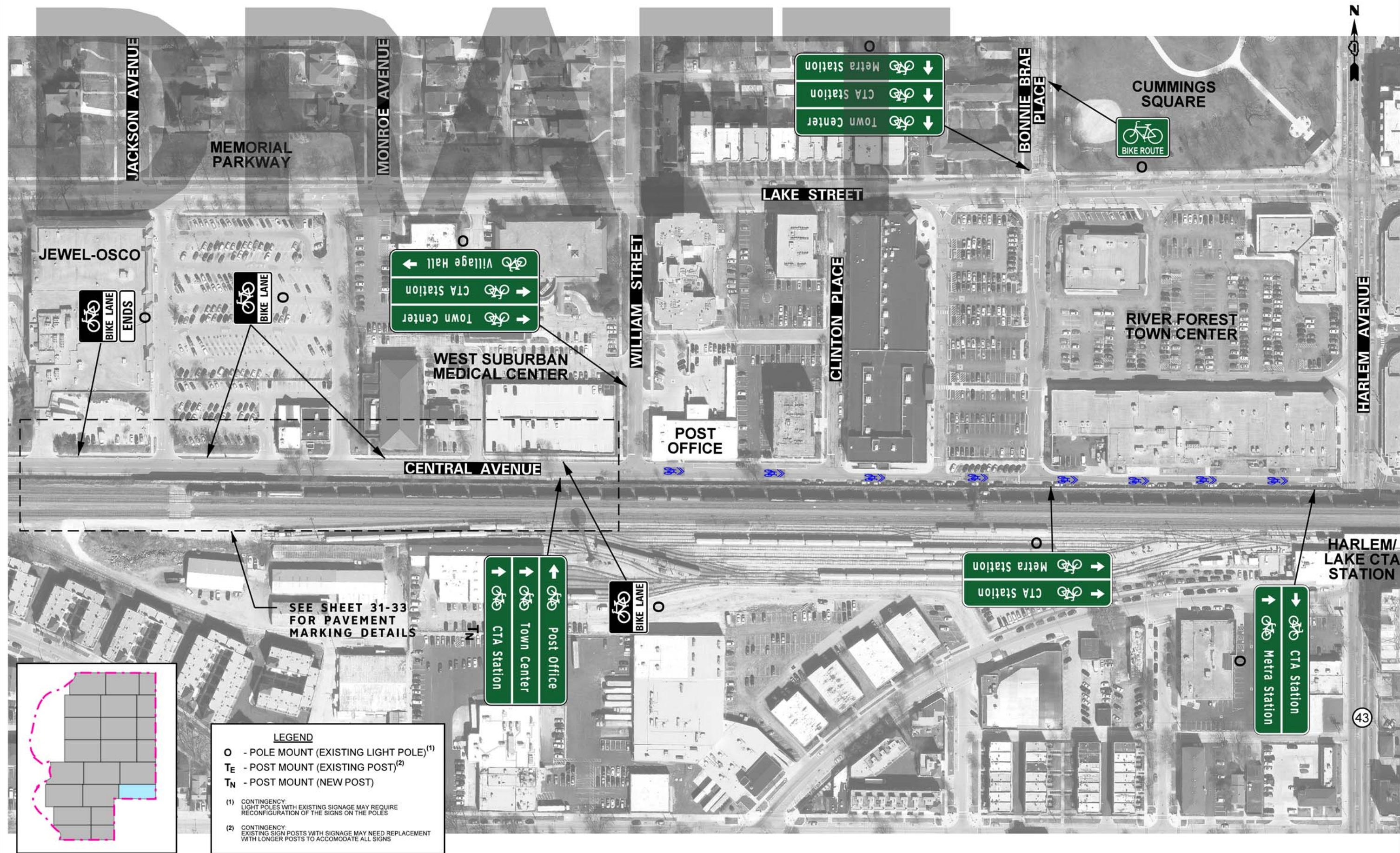
COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	21

SCALE: 1"=80'
PLOT DATE: 3/31/2023 ILLINOIS



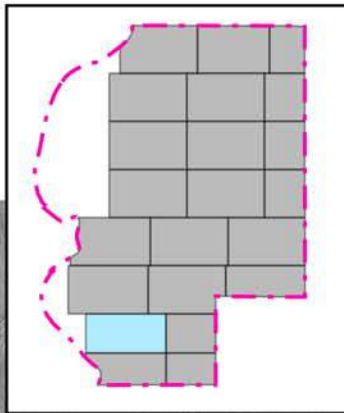
- LEGEND**
- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
 - T_E - POST MOUNT (EXISTING POST)⁽²⁾
 - T_N - POST MOUNT (NEW POST)
- (1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES
- (2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS







DRAFT



LEGEND

- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
- T_E - POST MOUNT (EXISTING POST)⁽²⁾
- T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

GRAND ARMY
OF THE REPUBLIC
MEMORIAL WOODS

THOMAS
JEFFERSON
MEMORIAL
WOODS

WASHINGTON BOULEVARD

LINDEN STREET

FOREST AVENUE

CN RR

THATCHER AVENUE

GALE AVENUE

KEYSTONE AVENUE

FOREST AVENUE

WASHINGTON
COMMONS
PARK

WASHINGTON
SQUARE
PARK

MAY
USE
FULL
LANE

Community Center
Wash. Square Park

Community Center

Metra Station
Keystone Park

Metra Station
Keystone Park
Community Center

Wash. Square Park
CTA Station
Lincoln School

Wash. Square Park
Metra Station
Community Center

Metra Station
Linden School
Village Center

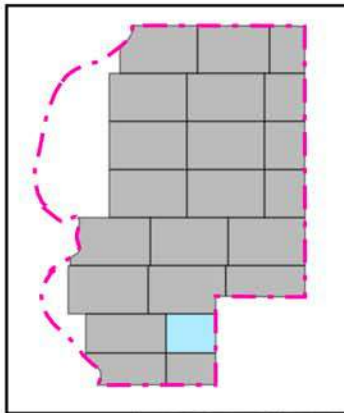


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	24
SCALE: 1"=80'		
PLOT DATE: 3/31/2023 ILLINOIS		



LEGEND

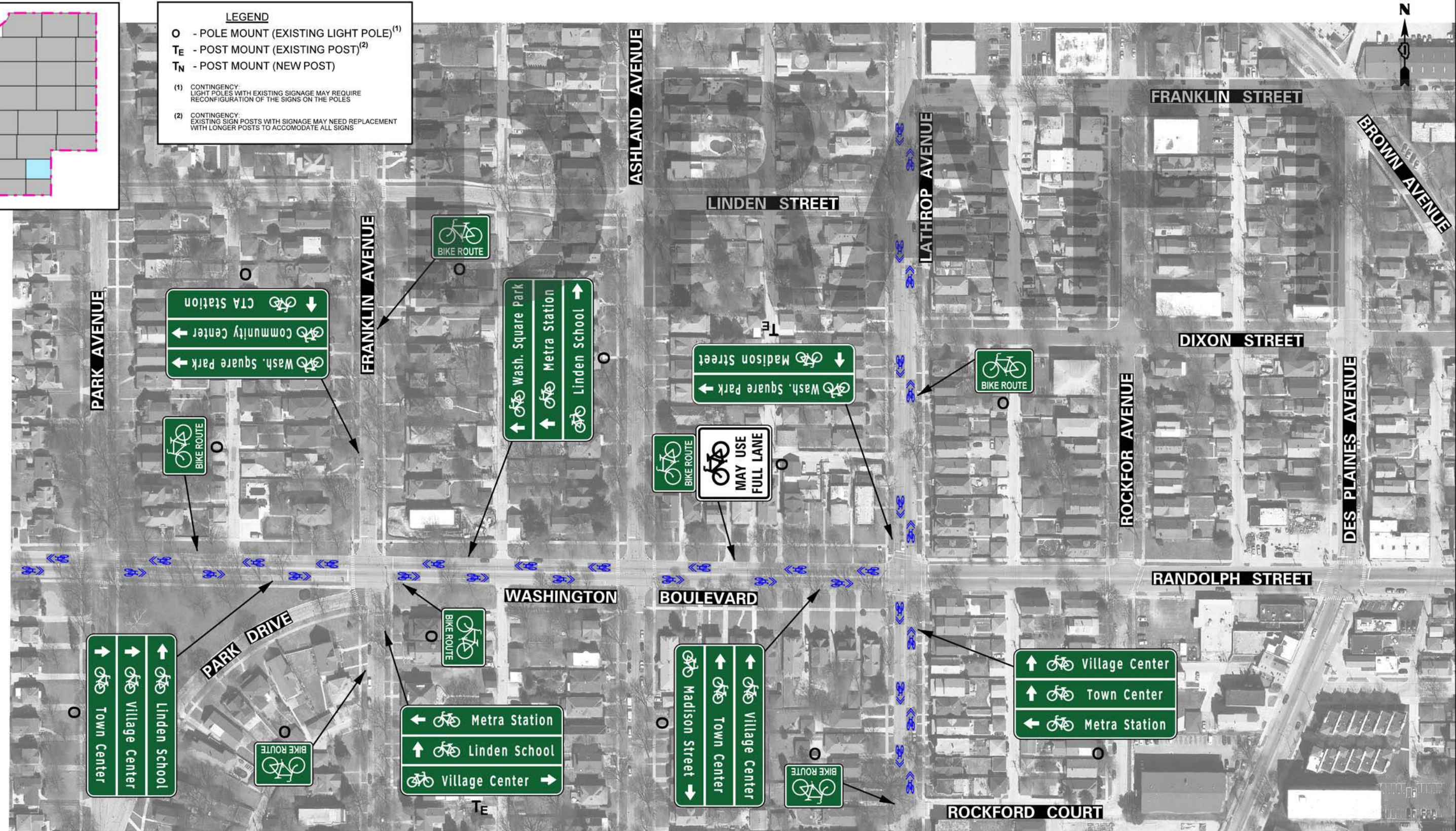
O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾

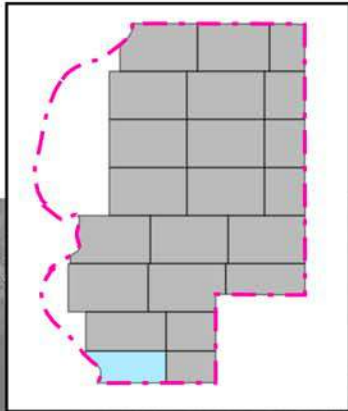
T_E - POST MOUNT (EXISTING POST)⁽²⁾

T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS





LEGEND

O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS



DRAFT

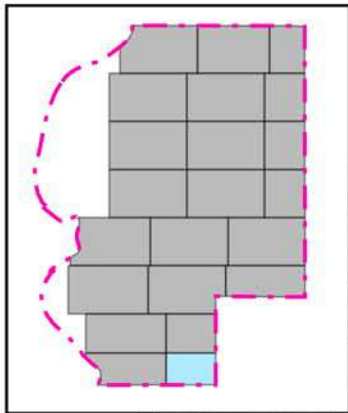


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

BICYCLE SIGN & PAVEMENT MARKING PLAN

	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK	44	26
SCALE: 1"=80'			
PLOT DATE = 3/31/2023 ILLINOIS			



LEGEND

- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
- T_E - POST MOUNT (EXISTING POST)⁽²⁾
- T_N - POST MOUNT (NEW POST)

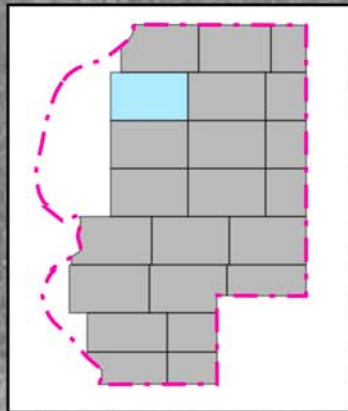
- (1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES
- (2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS



DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	27

SCALE: 1"=80'
PLOT DATE: 3/31/2023 ILLINOIS



LEGEND

- O** - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

PROPOSED THERMOPLASTIC
PAVEMENT MARKING SYMBOLS
(TYPICAL, WHITE)

PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 4" (WHITE)

REMOVE BROKEN YELLOW
CENTERLINE MARKINGS

PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 4"
(10' SKIP - 30' DASH, YELLOW)

PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 6" (WHITE)

DOMINICAN
UNIVERSITY

DIVISION STREET

THATCHER AVENUE



LEGEND

- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
- T_E - POST MOUNT (EXISTING POST)⁽²⁾
- T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

DOMINICAN
UNIVERSITY

PROPOSED THERMOPLASTIC
PAVEMENT MARKING SYMBOLS
(TYPICAL, WHITE)

PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 4" (WHITE)

REMOVE BROKEN YELLOW
CENTERLINE MARKINGS



PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 4"
(10' SKIP - 30' DASH, YELLOW)

DIVISION STREET

PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 6" (WHITE)

KEYSTONE AVENUE

FOREST AVENUE



9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED -	ER	REVISED -	
DRAWN -	MD	REVISED -	
CHECKED -	ER	REVISED -	
DATE -		REVISED -	

DIVISION STREET BIKE LANE STRIPING DETAIL

SCALE: 1"=80'

PLOT DATE = 3/31/2023 ILLINOIS

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	29

DOMINICAN
UNIVERSITY

PROPOSED THERMOPLASTIC
PAVEMENT MARKING SYMBOLS
(TYPICAL, WHITE)

PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 4" (WHITE)

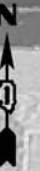
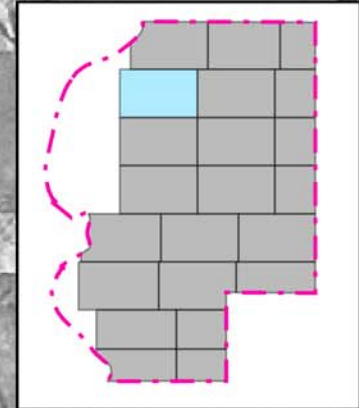
REMOVE BROKEN YELLOW
CENTERLINE MARKINGS

PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 4" (10' SKIP - 30' DASH, YELLOW)



DIVISION STREET

PROPOSED THERMOPLASTIC
PAVEMENT MARKING LINE - 6" (WHITE)



PARK AVENUE

LEGEND

- O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

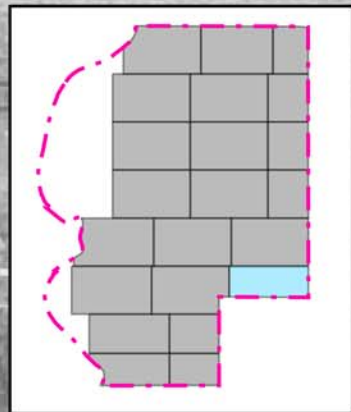
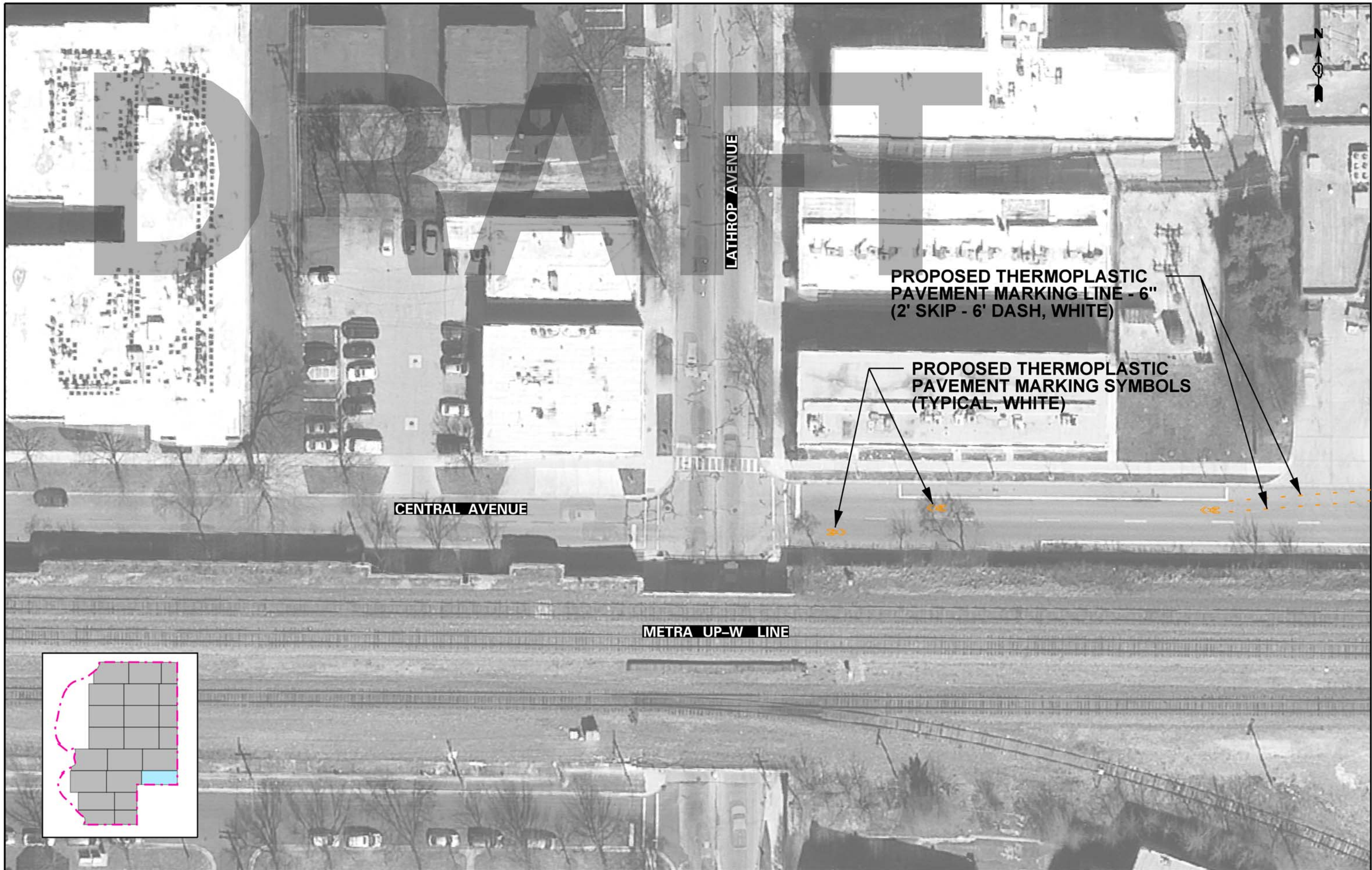


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

DIVISION STREET BIKE LANE STRIPING DETAIL

	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK	44	30
SCALE: 1"=80'			
PLOT DATE = 3/31/2023 ILLINOIS			

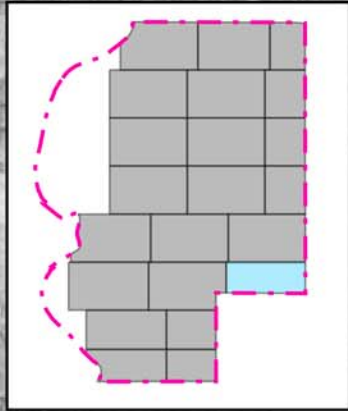
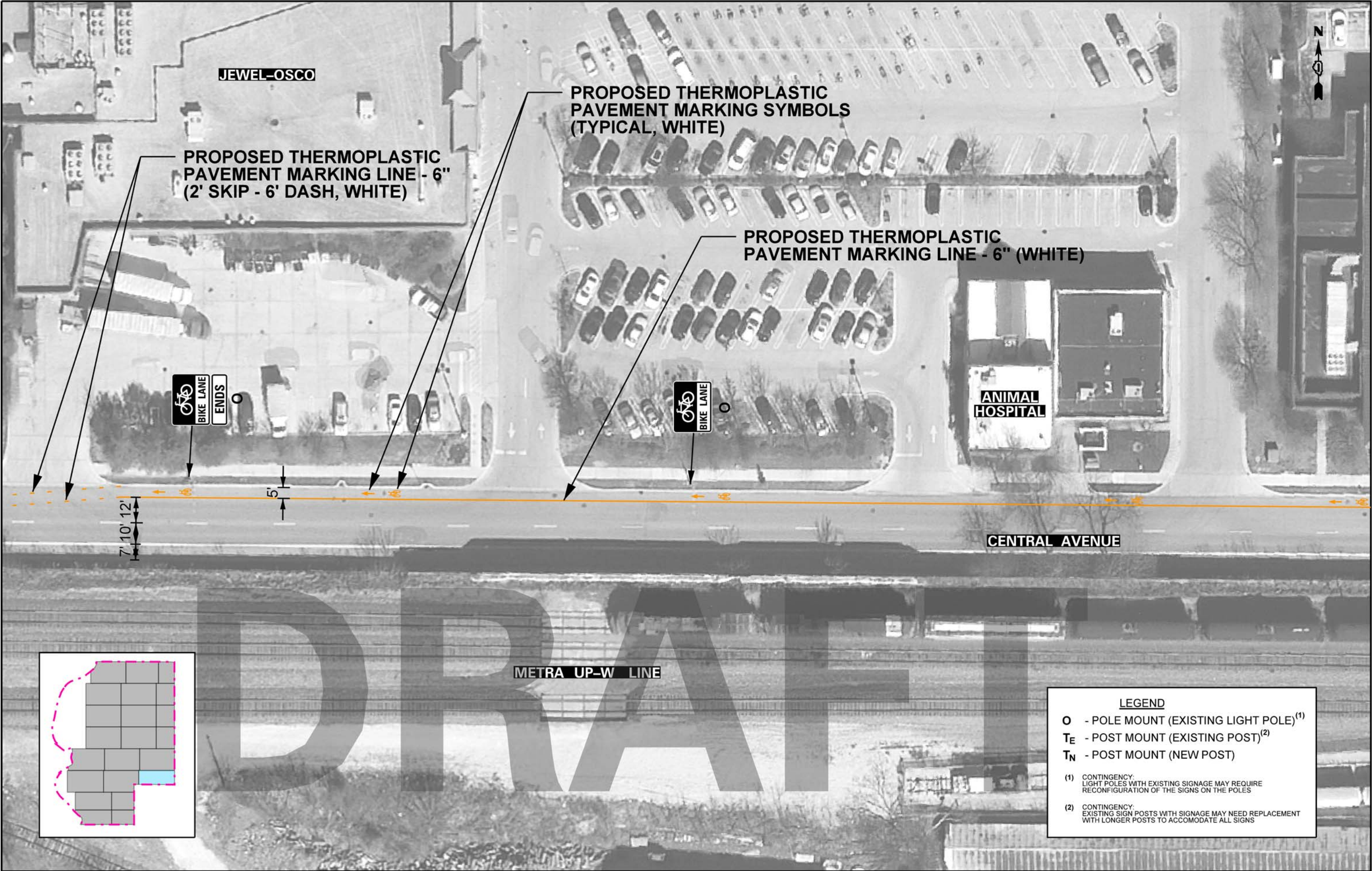


DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

CENTRAL AVENUE BIKE LANE STRIPING DETAIL

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	31

SCALE: 1"=80'
PLOT DATE: 3/31/2023 ILLINOIS



LEGEND
O - POLE MOUNT (EXISTING LIGHT POLE)⁽¹⁾
T_E - POST MOUNT (EXISTING POST)⁽²⁾
T_N - POST MOUNT (NEW POST)

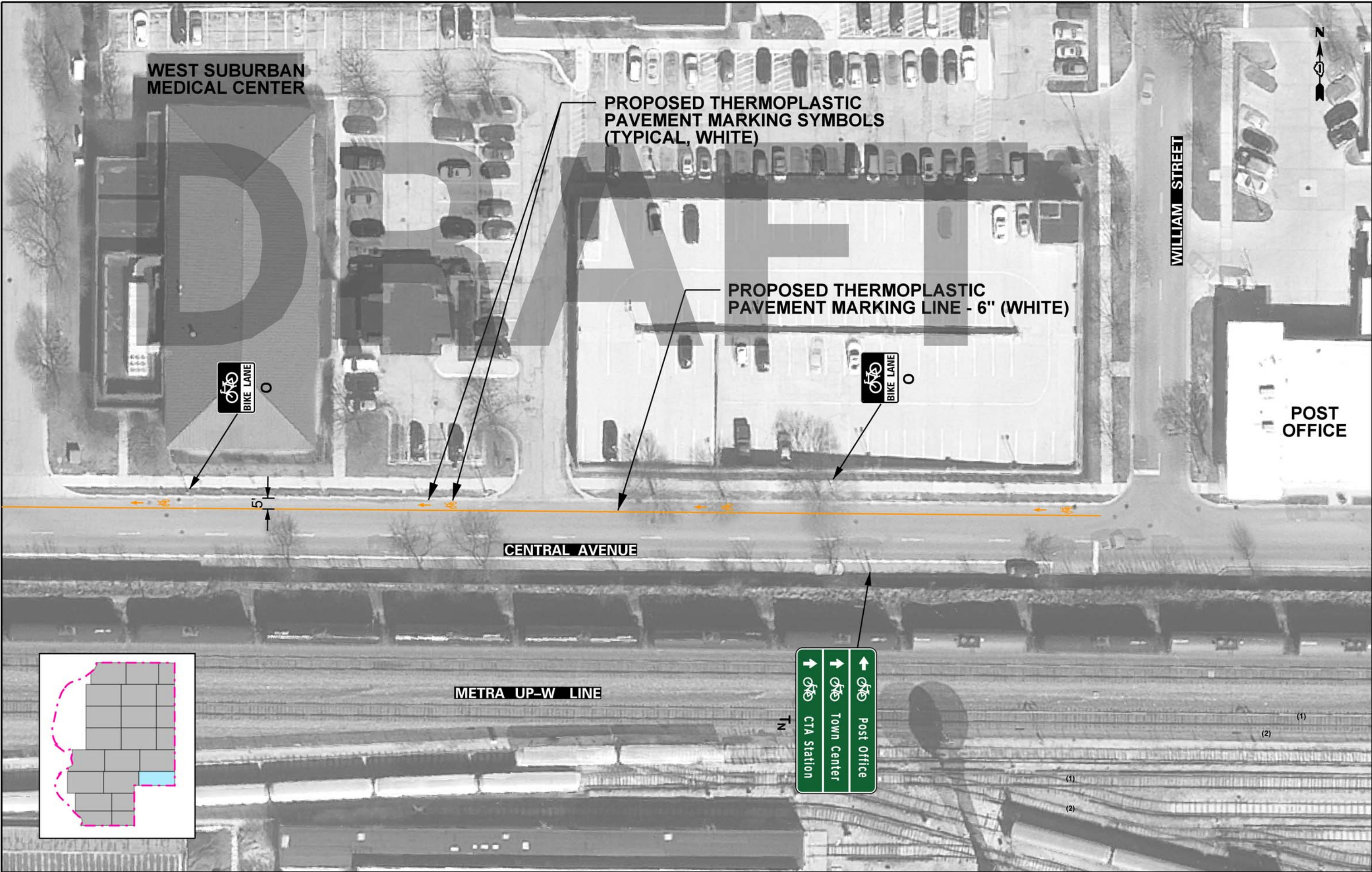
(1) CONTINGENCY:
LIGHT POLES WITH EXISTING SIGNAGE MAY REQUIRE
RECONFIGURATION OF THE SIGNS ON THE POLES

(2) CONTINGENCY:
EXISTING SIGN POSTS WITH SIGNAGE MAY NEED REPLACEMENT
WITH LONGER POSTS TO ACCOMMODATE ALL SIGNS

DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	32

SCALE: 1"=80'
PLOT DATE = 3/31/2023 ILLINOIS




DESIGNED	-	ER	REVISED	-
DRAWN	-	MD	REVISED	-
CHECKED	-	ER	REVISED	-
DATE	-		REVISED	-

CENTRAL AVENUE BIKE LANE STRIPING DETAIL

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	33

SCALE: 1"=80'
PLOT DATE: 3/31/2023 ILLINOIS

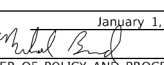
ABV	ABOVE	CU YD	CUBIC YARD	HD	HEAD	PED	PEDESTAL	STD	STANDARD
A/C	ACCESS CONTROL	CULV	CULVERT	HDW	HEADWALL	PNT	POINT	SBI	STATE BOND ISSUE
AC	ACRE	C&G	CURB & GUTTER	HDUTY	HEAVY DUTY	PC	POINT OF CURVATURE	SR	STATE ROUTE
ADJ	ADJUST	D	DEGREE OF CURVE	ha	HECTARE	PI	POINT OF INTERSECTION OF HORIZONTAL CURVE	STA	STATION
AS	AERIAL SURVEYS	DC	DEPRESSED CURVE	HMA	HOT MIX ASPHALT			SPBGR	STEEL PLATE BEAM GUARDRAIL
AGG	AGGREGATE	DET	DETECTOR	HWY	HIGHWAY	PRC	POINT OF REVERSE CURVE	SS	STORM SEWER
AH	AHEAD	DIA	DIAMETER	HORIZ	HORIZONTAL	PT	POINT OF TANGENCY	STY	STORY
APT	APARTMENT	DIST	DISTRICT	HSE	HOUSE	POT	POINT ON TANGENT	ST	STREET
ASPH	ASPHALT	DOM	DOMESTIC	IL	ILLINOIS	POLYETH	POLYETHYLENE	STR	STRUCTURE
AUX	AUXILIARY	DBL	DOUBLE	IMP	IMPROVEMENT	PCC	PORTLAND CEMENT CONCRETE	e	SUPERELEVATION RATE
AGS	AUXILIARY GAS VALVE (SERVICE)	DSEL	DOWNSTREAM ELEVATION	IN DIA	INCH DIAMETER	PP	POWER POLE OR PRINCIPAL POINT	S.E. RUN.	SUPERELEVATION RUNOFF LENGTH
AVE	AVENUE	DSFL	DOWNSTREAM FLOWLINE	INL	INLET	PRM	PRIME	SURF	SURFACE
AX	AXIS OF ROTATION	DR	DRAINAGE OR DRIVE	INST	INSTALLATION	PE	PRIVATE ENTRANCE	SMK	SURVEY MARKER
BK	BACK	DI	DRAINAGE INLET OR DROP INLET	IDS	INTERSECTION DESIGN STUDY	PROF	PROFILE	T	TANGENT DISTANCE
B-B	BACK TO BACK	DRV	DRIVEWAY	INV	INVERT	PGL	PROFILE GRADELINE	T.R.	TANGENT RUNOUT DISTANCE
BKPL	BACKPLATE	DCT	DUCT	IP	IRON PIPE	PROJ	PROJECT	TEL	TELEPHONE
B	BARN	EA	EACH	IR	IRON ROD	P.C.	PROPERTY CORNER	TB	TELEPHONE BOX
BARR	BARRICADE	EB	EASTBOUND	JT	JOINT	PL	PROPERTY LINE	TP	TELEPHONE POLE
BGN	BEGIN	EOP	EDGE OF PAVEMENT	kg	KILOGRAM	PR	PROPOSED	TEMP	TEMPORARY
BM	BENCHMARK	E-CL	EDGE TO CENTERLINE	km	KILOMETER	R	RADIUS	TBM	TEMPORARY BENCH MARK
BIND	BINDER	E-E	EDGE TO EDGE	LS	LANDSCAPING	RR	RAILROAD	TD	TILE DRAIN
BIT	BITUMINOUS	EL	ELEVATION	LN	LANE	RRS	RAILROAD SPIKE	TBE	TO BE EXTENDED
BTM	BOTTOM	ENTR	ENTRANCE	LT	LEFT	RPS	REFERENCE POINT STAKE	TBR	TO BE REMOVED
BLVD	BOULEVARD	EXC	EXCAVATION	LP	LIGHT POLE	REF	REFLECTIVE	TBS	TO BE SAVED
BRK	BRICK	EX	EXISTING	LGT	LIGHTING	RCCP	REINFORCED CONCRETE CULVERT PIPE	TWP	TOWNSHIP
BBOX	BUFFALO BOX	EXPWAY	EXPRESSWAY	LF	LINEAL FEET OR LINEAR FEET	REINF	REINFORCEMENT	TR	TOWNSHIP ROAD
BLDG	BUILDING	E	EXTERNAL DISTANCE OF HORIZONTAL CURVE	L	LITER OR CURVE LENGTH	REM	REMOVAL	TS	TRAFFIC SIGNAL
CIP	CAST IRON PIPE	E	OFFSET DISTANCE TO VERTICAL CURVE	LC	LONG CHORD	RC	REMOVE CROWN	TSCB	TRAFFIC SIGNAL CONTROL BOX
CB	CATCH BASIN	F-F	FACE TO FACE	LNG	LONGITUDINAL	REP	REPLACEMENT	TSC	TRAFFIC SYSTEMS CENTER
C-C	CENTER TO CENTER	FA	FEDERAL AID	L SUM	LUMP SUM	REST	RESTAURANT	TRVS	TRANSVERSE
CL	CENTERLINE OR CLEARANCE	FAI	FEDERAL AID INTERSTATE	MACH	MACHINE	RESURF	RESURFACING	TRVL	TRAVEL
CL-E	CENTERLINE TO EDGE	FAP	FEDERAL AID PRIMARY	MB	MAIL BOX	RET	RETAINING	TRN	TURN
CL-F	CENTERLINE TO FACE	FAS	FEDERAL AID SECONDARY	MH	MANHOLE	RT	RIGHT	TY	TYPE
CTS	CENTERS	FAUS	FEDERAL AID URBAN SECONDARY	MATL	MATERIAL	ROW	RIGHT-OF-WAY	T-A	TYPE A
CERT	CERTIFIED	FP	FENCE POST	MED	MEDIAN	RD	ROAD	TYP	TYPICAL
CHSLD	CHISELED	FE	FIELD ENTRANCE	m	METER	RDWY	ROADWAY	UNDGND	UNDERGROUND
CS	CITY STREET	FH	FIRE HYDRANT	METH	METHOD	RTE	ROUTE	USGS	U.S. GEOLOGICAL SURVEY
CP	CLAY PIPE	FL	FLOW LINE	M	MID-ORDINATE	SAN	SANITARY	USEL	UPSTREAM ELEVATION
CLSD	CLOSED	FB	FOOT BRIDGE	mm	MILLIMETER	SANS	SANITARY SEWER	USFL	UPSTREAM FLOWLINE
CLID	CLOSED LID	FDN	FOUNDATION	mm DIA	MILLIMETER DIAMETER	SEC	SECTION	UTIL	UTILITY
CT	COAT OR COURT	FR	FRAME	MIX	MIXTURE	SEED	SEEDING	VBOX	VALVE BOX
COMB	COMBINATION	F&G	FRAME & GRATE	MBH	MOBILE HOME	SHAP	SHAPING	VV	VALVE VAULT
C	COMMERCIAL BUILDING	FRWAY	FREEWAY	MOD	MODIFIED	S	SHED	VLT	VAULT
CE	COMMERCIAL ENTRANCE	GAL	GALLON	MFT	MOTOR FUEL TAX	SH	SHEET	VEH	VEHICLE
CONC	CONCRETE	GALV	GALVANIZED	N & BC	NAIL & BOTTLE CAP	SHLD	SHOULDER	VP	VENT PIPE
CONST	CONSTRUCT	G	GARAGE	N & C	NAIL & CAP	SW	SIDEWALK OR SOUTHWEST	VERT	VERTICAL
CONTD	CONTINUED	GM	GAS METER	N & W	NAIL & WASHER	SIG	SIGNAL	VC	VERTICAL CURVE
CONT	CONTINUOUS	GV	GAS VALVE	NOAA	NATIONAL OCEANIC ATMOSPHERIC	SOD	SODDING	VPC	VERTICAL POINT OF CURVATURE
COR	CORNER	GRAN	GRANULAR		ADMINISTRATION	SM	SOLID MEDIAN	VPI	VERTICAL POINT OF INTERSECTION
CORR	CORRUGATED	GR	GRATE	NC	NORMAL CROWN	SB	SOUTHBOUND	VPT	VERTICAL POINT OF TANGENCY
CMP	CORRUGATED METAL PIPE	GRVL	GRAVEL	NB	NORTHBOUND	SE	SOUTHEAST	WM	WATER METER
CNTY	COUNTY	GND	GROUND	NE	NORTHEAST	SPL	SPECIAL	WV	WATER VALVE
CH	COUNTY HIGHWAY	GUT	GUTTER	NW	NORTHWEST	SD	SPECIAL DITCH	WMAIN	WATER MAIN
CSE	COURSE	GP	GUY POLE	OLID	OPEN LID	SQ FT	SQUARE FEET	WB	WESTBOUND
XSECT	CROSS SECTION	GW	GUY WIRE	PAT	PATTERN	m ²	SQUARE METER	WILDFL	WILDFLOWERS
m ³	CUBIC METER	HH	HANDHOLE	PVD	PAVED	mm ²	SQUARE MILLIMETER	W	WITH
mm ³	CUBIC MILLIMETER	HATCH	HATCHING	PVMT	PAVEMENT	SQ YD	SQUARE YARD	WO	WITHOUT
				PM	PAVEMENT MARKING	STB	STABILIZED		



Illinois Department of Transportation

PASSED

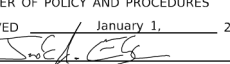
January 1, 2019



ENGINEER OF POLICY AND PROCEDURES

APPROVED

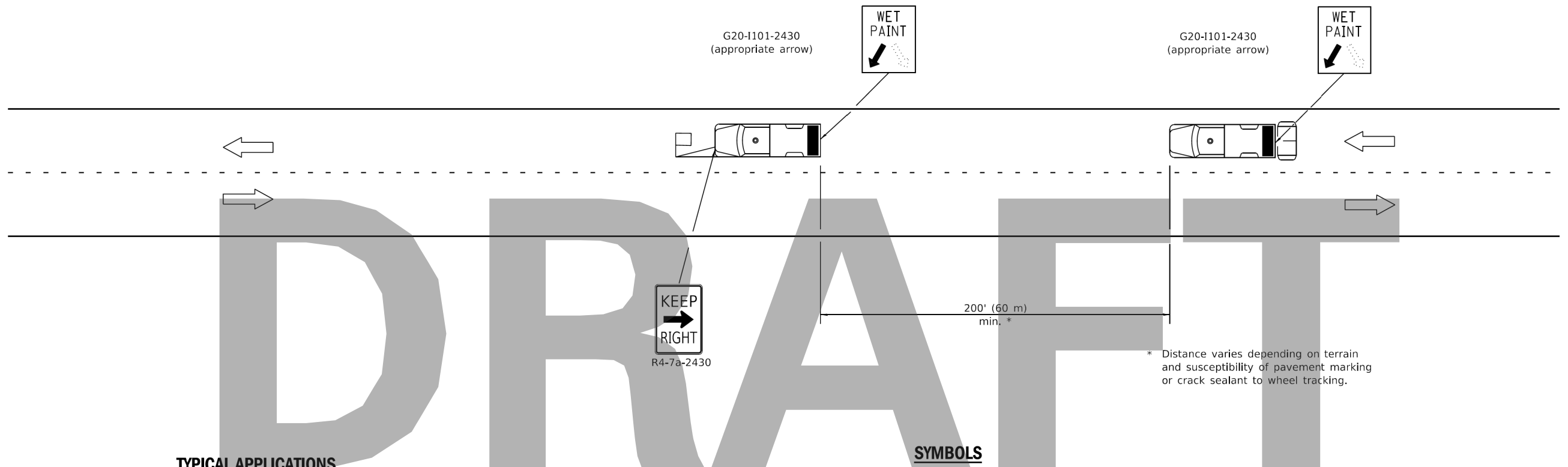
January 1, 2019



ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 1 of 9)
1-1-19	Added new symbols.	
1-1-11	Updated abbreviations and symbols.	STANDARD 000001-07



TYPICAL APPLICATIONS

- Landscaping work
- Utility work
- Pavement marking
- Weed spraying
- Roadometer measurements
- Debris cleanup
- Crack pouring

SYMBOLS

- Arrow board (Hazard Mode only)
- Truck with headlights, emergency flashers and flashing amber light. (visible from all directions)
- 18x18 (450x450) min. orange flag (use when guide wheel is used)
- Truck mounted attenuator

GENERAL NOTES

This Standard is used where any vehicle, equipment, workers or their activities will require a continuous moving operation where the average speed is greater than 3 mph (5 km/h).

For shoulder operations not encroaching on the pavement, use DETAIL A, Standard 701426.

All dimensions are in inches (millimeters) unless otherwise shown.

PASSED

January 1, 2009

ENGINEER OF OPERATIONS

ISSUED 1-1-97

APPROVED

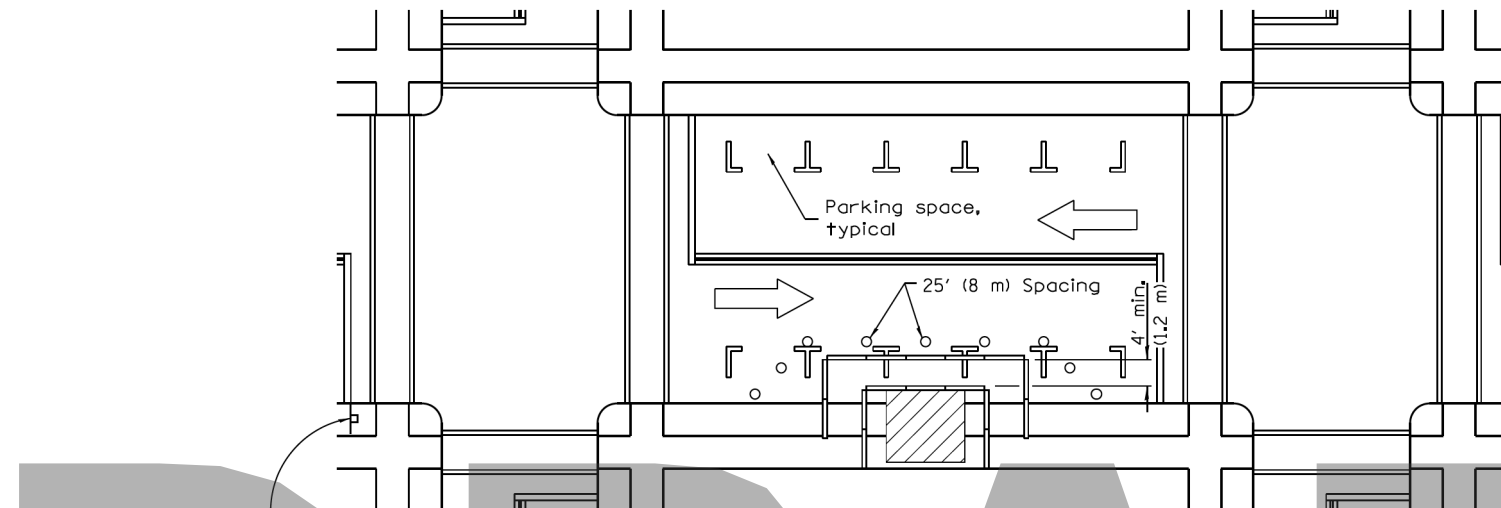
January 1, 2009

ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS	LANE CLOSURE 2L, 2W MOVING OPERATIONS- DAY ONLY
1-1-09	Switched units to	
	English (metric). Omitted	
	Pass With Care sign.	
1-1-00	Elim. speed restrictions	
	in Standard title.	STANDARD 701311-03

DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	35
SCALE: 1"=80'		
PLOT DATE = 3/31/2023 ILLINOIS		



① Omit whenever duplicated by road work traffic control.

① ROAD CONSTRUCTION AHEAD
W20-I103(O)-48 for contract construction projects

Or

① ROAD WORK AHEAD
W20-1(O)-48 for maintenance and utility projects

SIDEWALK DIVERSION

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

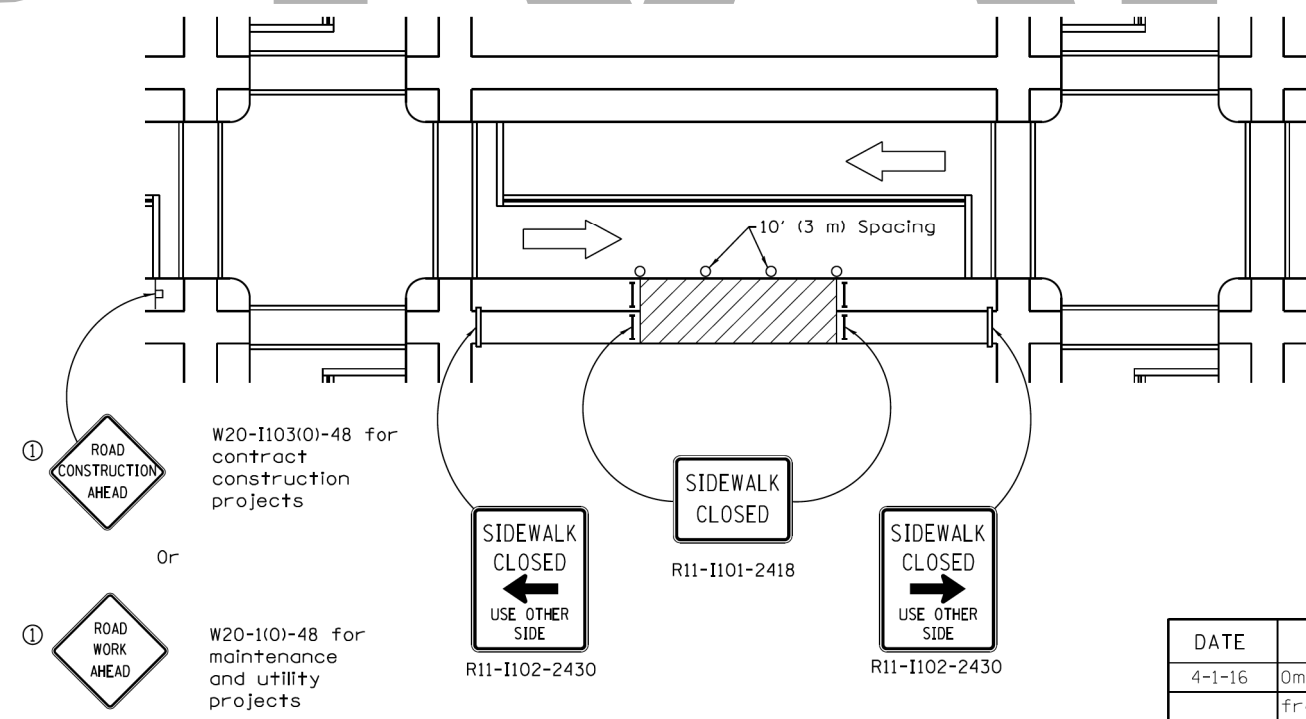
The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

All dimensions are in inches (millimeters) unless otherwise shown.

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



SIDEWALK CLOSURE

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of plan views. Renamed Std.

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06

Illinois Department of Transportation	
APPROVED _____ April 1, 2016 ENGINEER OF SAFETY ENGINEERING	ISSUED 1-1-97
APPROVED _____ April 1, 2016 ENGINEER OF DESIGN AND ENVIRONMENT	

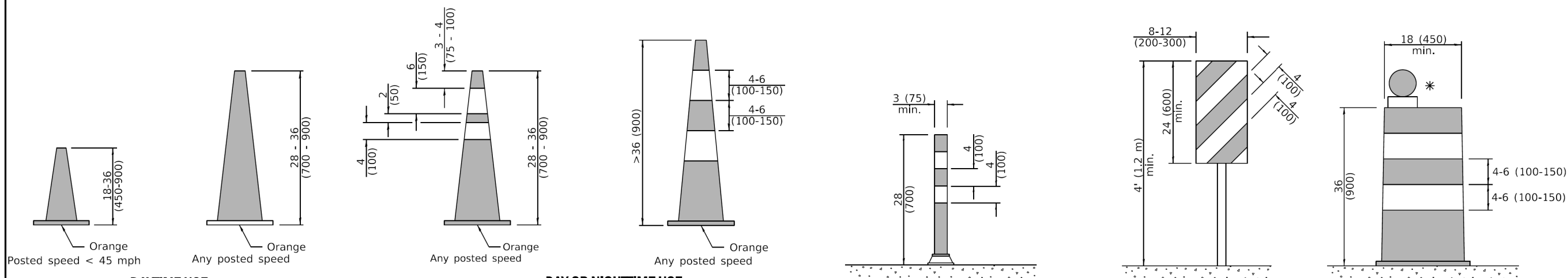


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

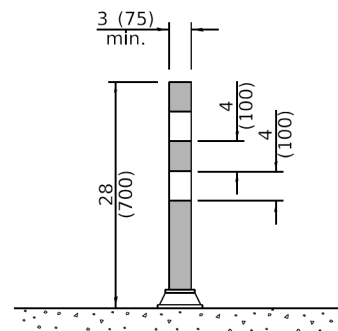
STANDARD DETAILS

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	36
SCALE: 1"=80'		
PLOT DATE = 3/31/2023 ILLINOIS		

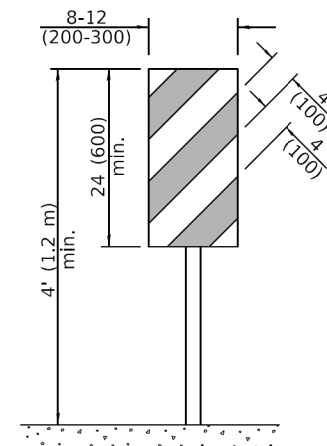


DAYTIME USE

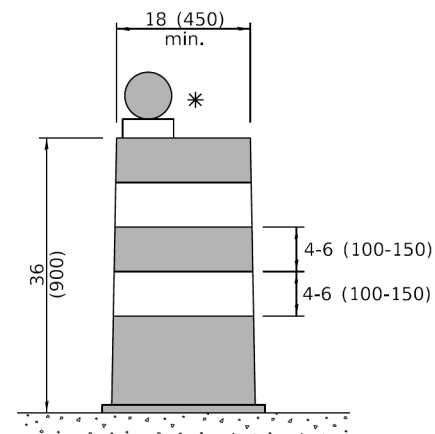
DAY OR NIGHTTIME USE



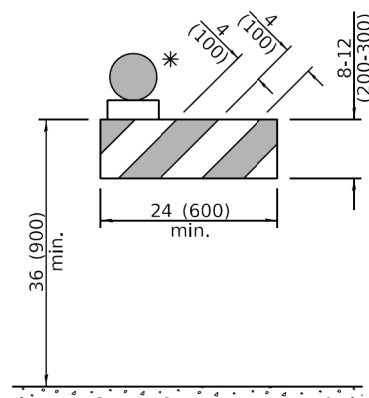
TUBULAR MARKER



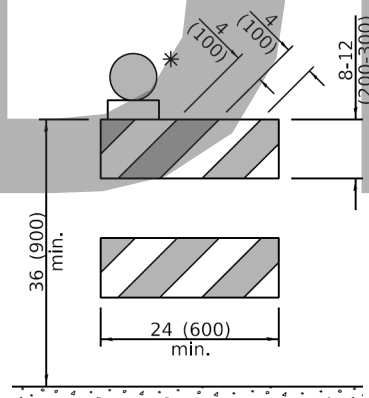
**VERTICAL PANEL
POST MOUNTED**



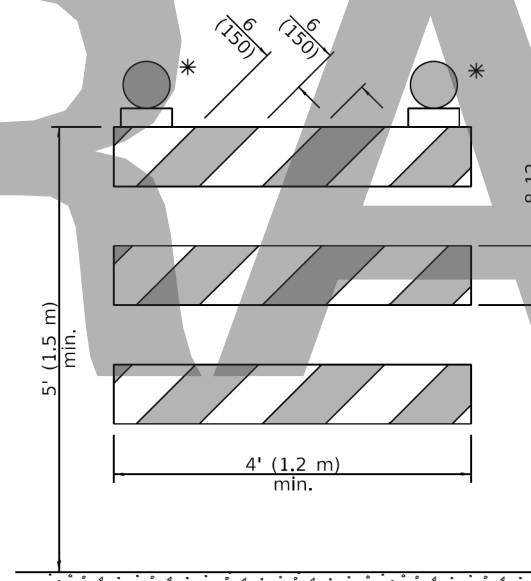
DRUM



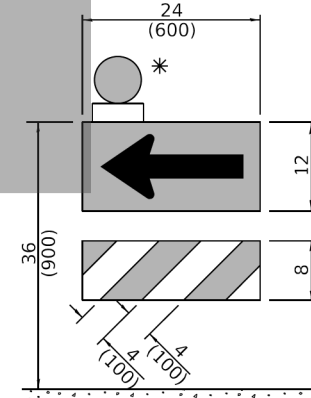
TYPE I BARRICADE



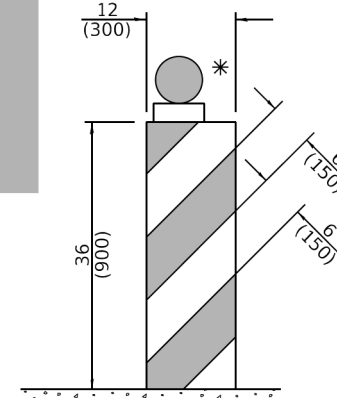
TYPE II BARRICADE



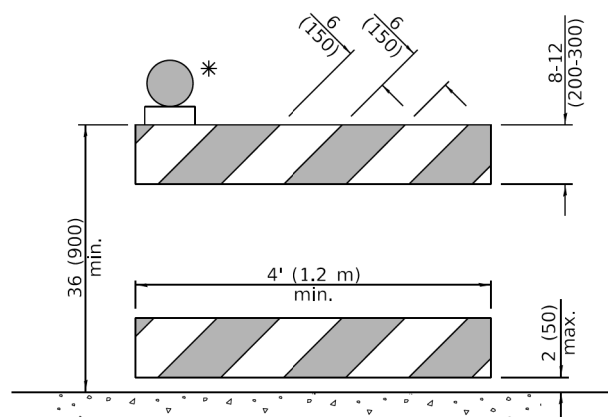
TYPE III BARRICADE



**DIRECTION INDICATOR
BARRICADE**



VERTICAL BARRICADE



**DETECTABLE PEDESTRIAN
CHANNELIZING BARRICADE**

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2019
ENGINEER OF SAFETY PROG. AND ENGINEERING

APPROVED January 1, 2019
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-13

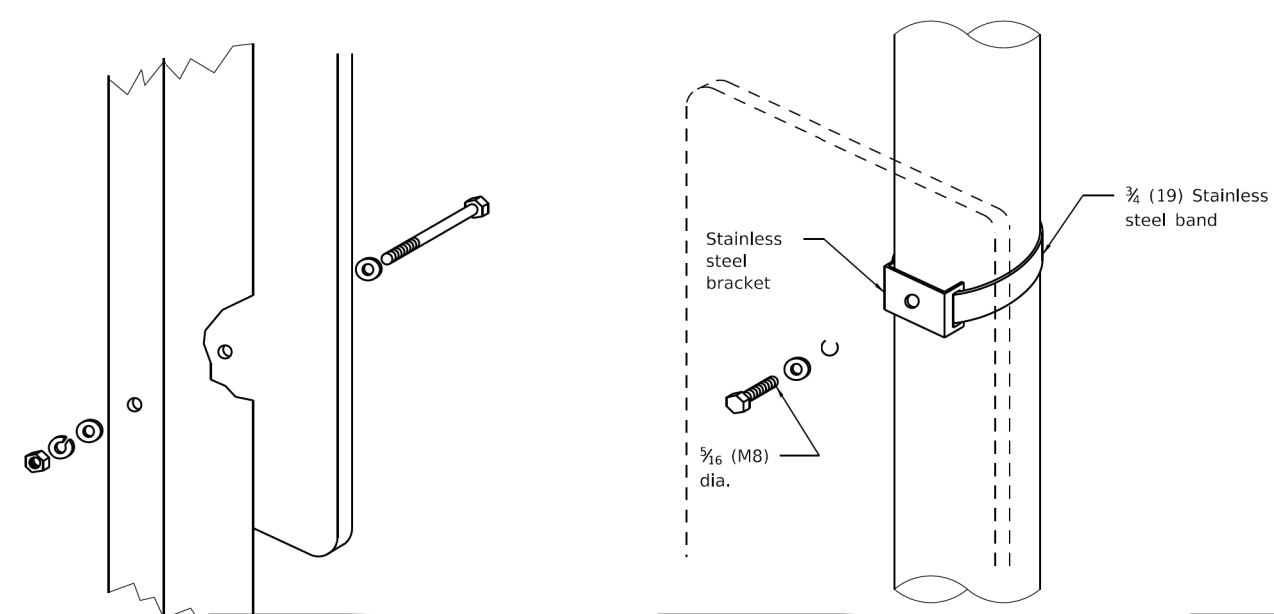
DATE	REVISIONS	TRAFFIC CONTROL DEVICES
1-1-19	Revised cone usage and added cones >36" (900 m) height.	
1-1-18	Revised END WORK ZONE	STANDARD 701901-08
	SPEED LIMIT sign from orange to white background.	

(Sheet 1 of 3)

DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

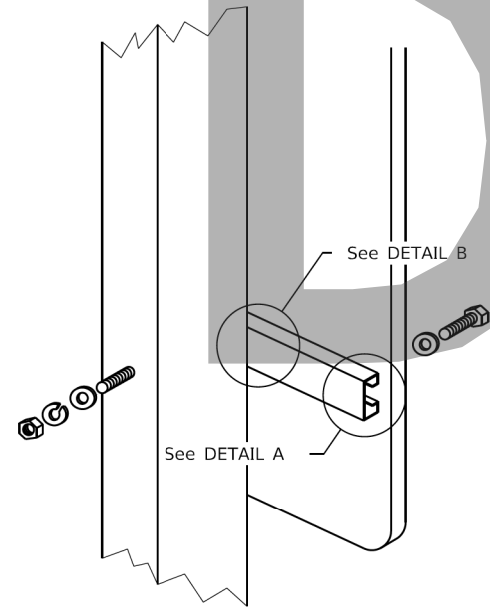
COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	37

SCALE: 1"=80'
PLOT DATE: 3/31/2023 ILLINOIS

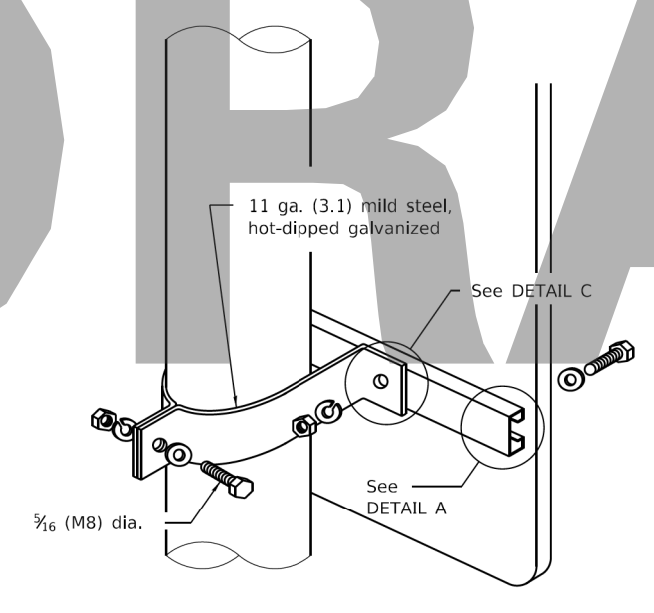


Sign panel 36 (900) wide or less

Sign panel 36 (900) wide or less



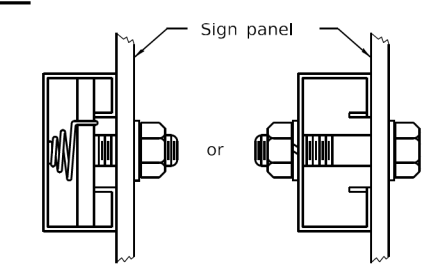
Sign panel over 36 (900) wide



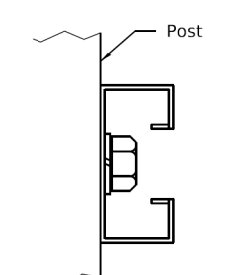
Sign panel over 36 (900) wide

**WOOD OR TELESCOPING
STEEL POSTS**

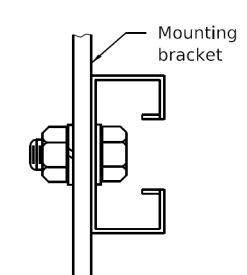
LIGHT OR SIGNAL STANDARDS



DETAIL A

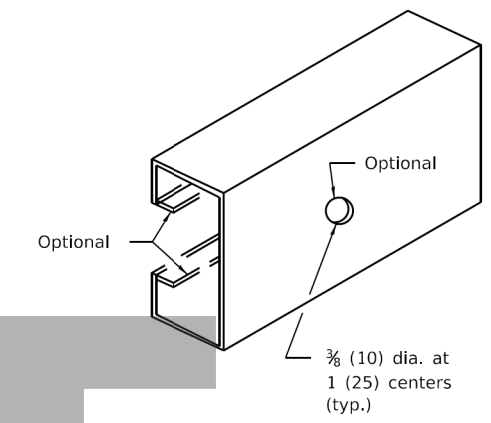
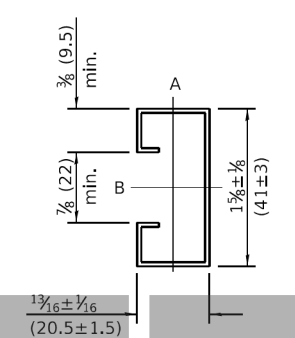


DETAIL B

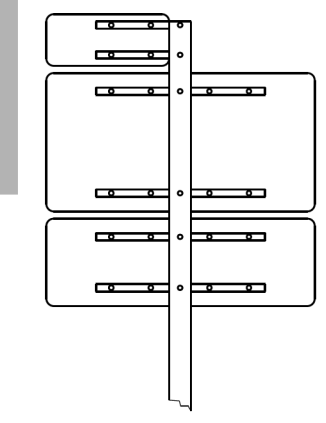
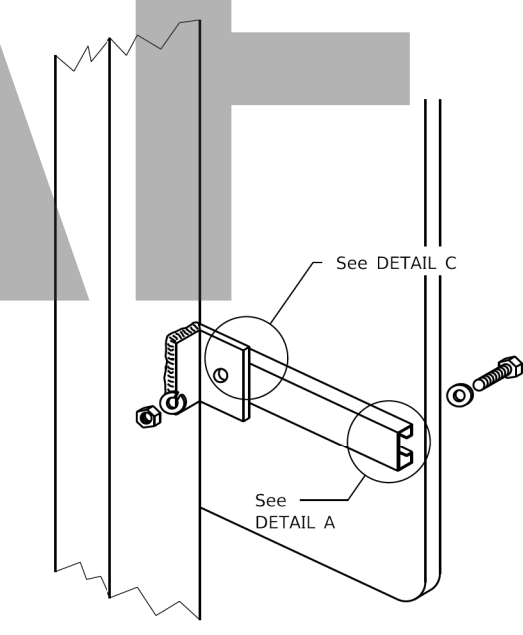


DETAIL C

Section modulus (minimum)	Axis A	Axis B
Steel	0.050 in. ³ (819 mm ³)	0.105 in. ³ (1720 mm ³)
Aluminum	0.150 in. ³ (2458 mm ³)	0.315 in. ³ (5162 mm ³)



SUPPORTING CHANNEL DETAILS



ROUTE MARKER ASSEMBLY

**BREAKAWAY STEEL
TUBING POSTS**
(All sign panel sizes)

All dimensions are in inches (millimeters)
unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Renum. Standard 72319-6.

SIGN PANEL MOUNTING DETAILS
STANDARD 720001-01

Illinois Department of Transportation

PASSED January 1, 2009
ENGINEER OF OPERATIONS

APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

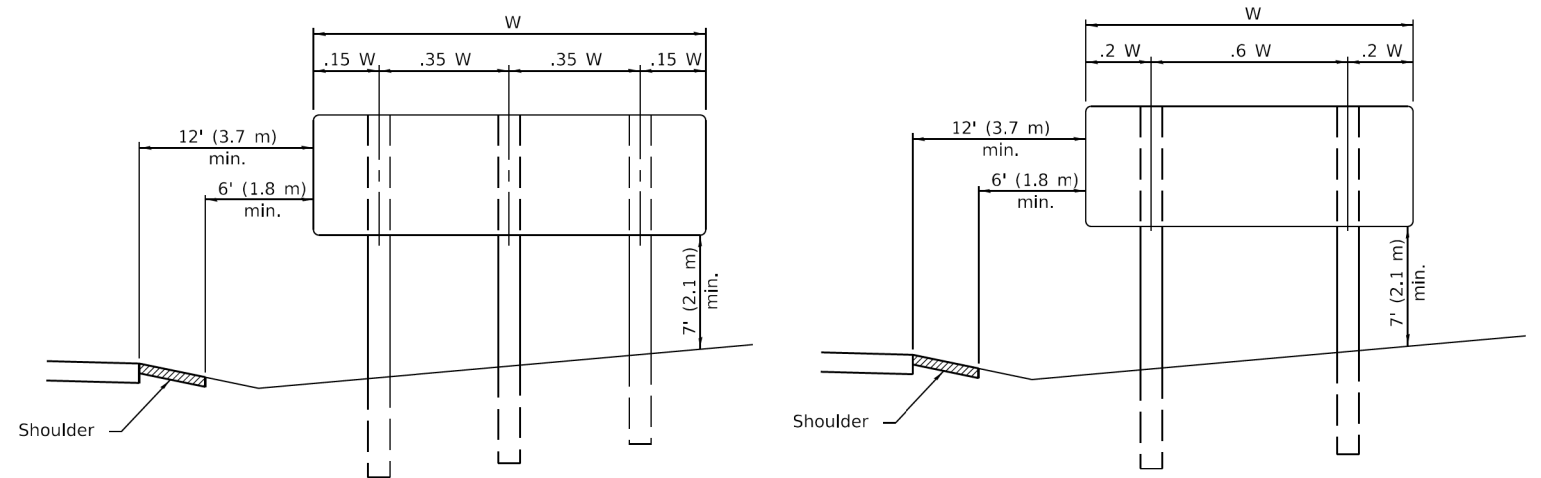
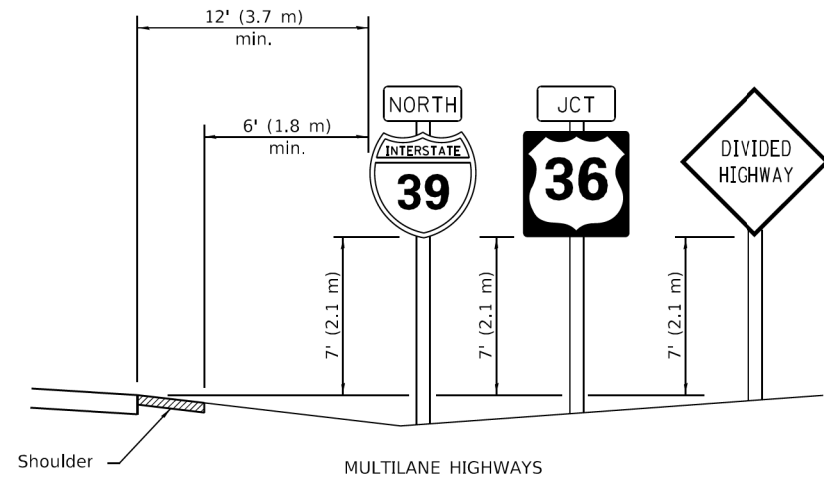


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

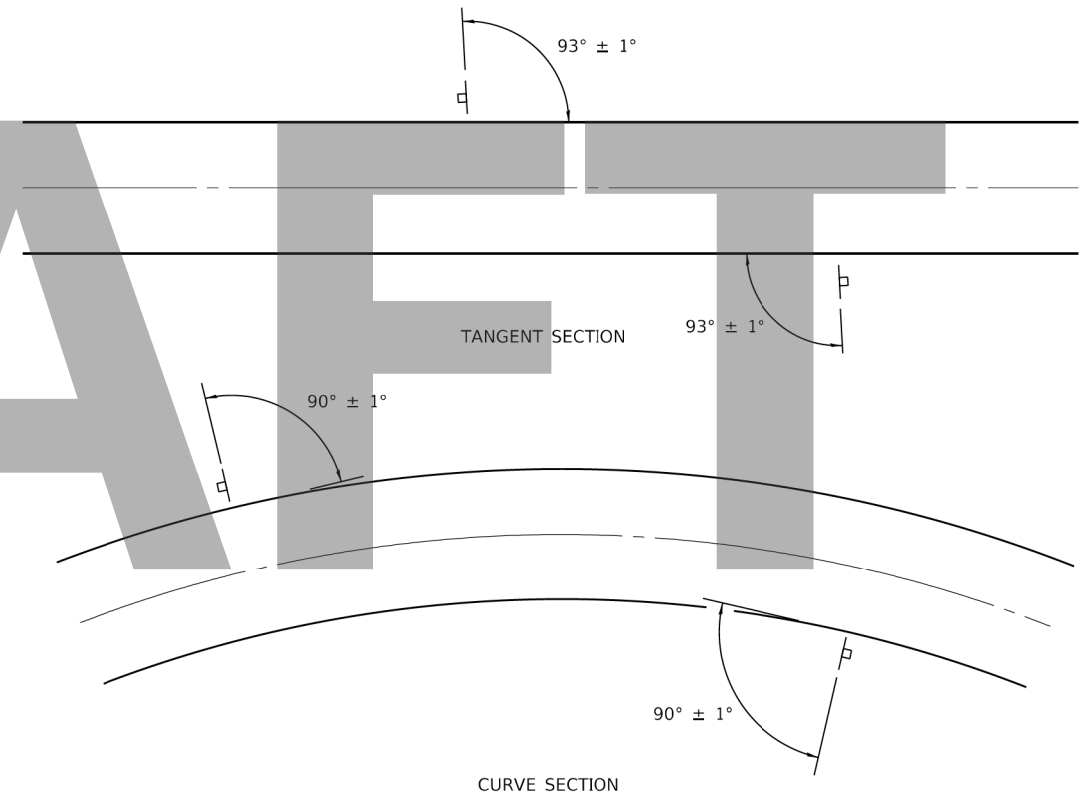
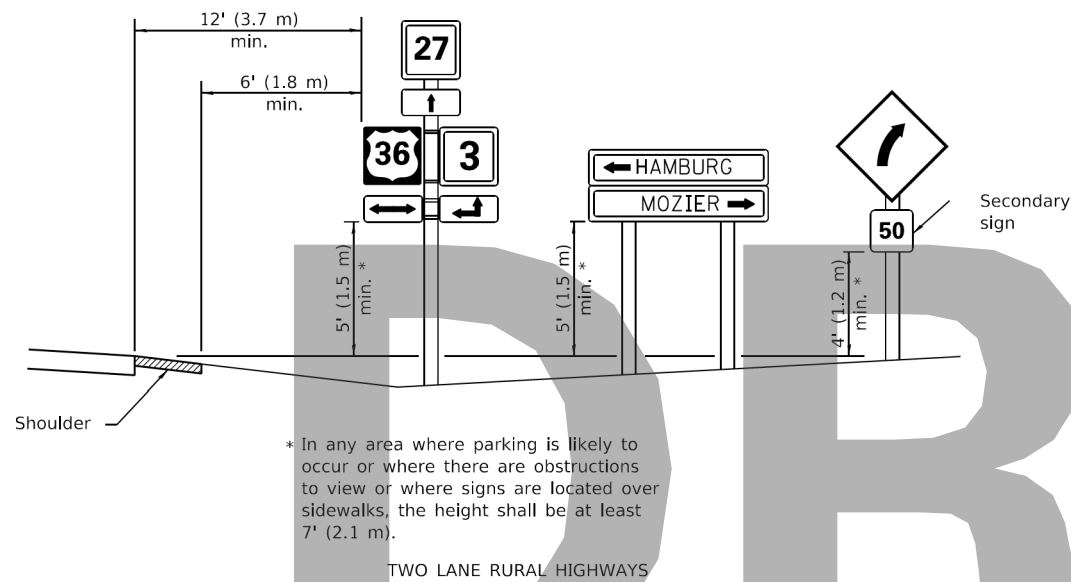
DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

STANDARD DETAILS

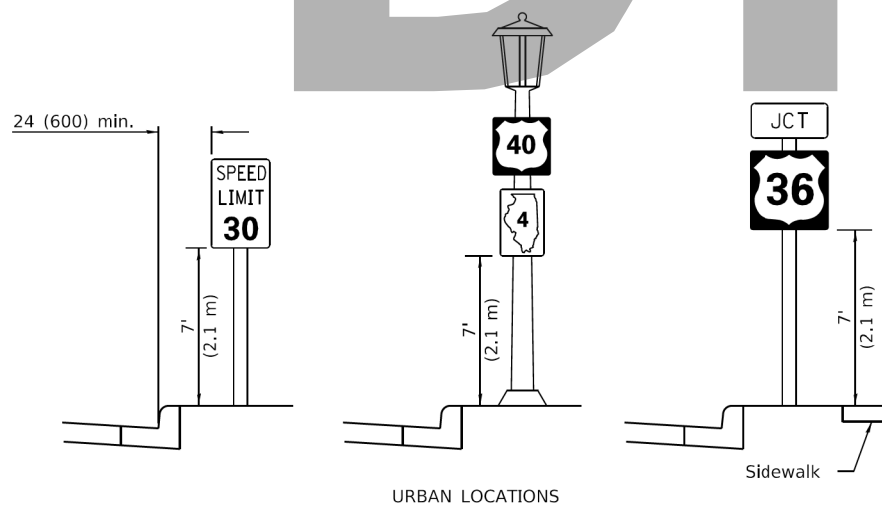
COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	38
SCALE: 1"=80'		
PLOT DATE: 3/31/2023 ILLINOIS		



POST SPACING FOR NON-FREEWAY SIGN PANELS



GROUND MOUNT SIGN POSITIONING



TYPICAL INSTALLATIONS

Signs in any area shall be erected to a uniform height above the edge of the pavement.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2014
ENGINEER OF OPERATIONS
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT

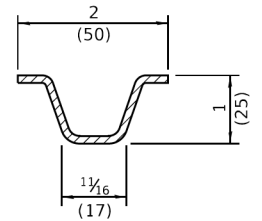
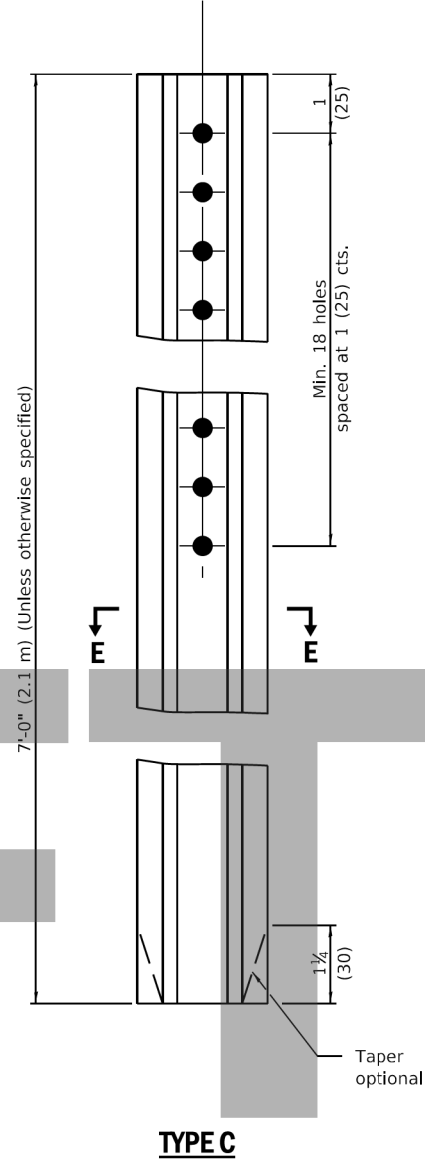
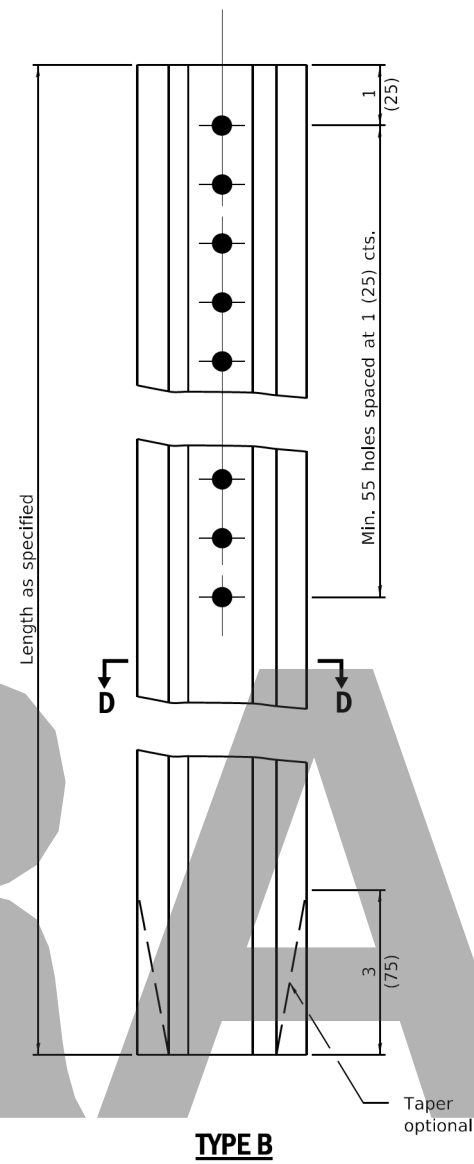
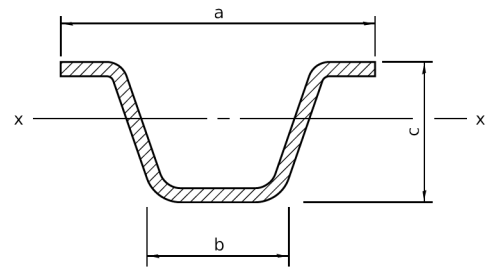
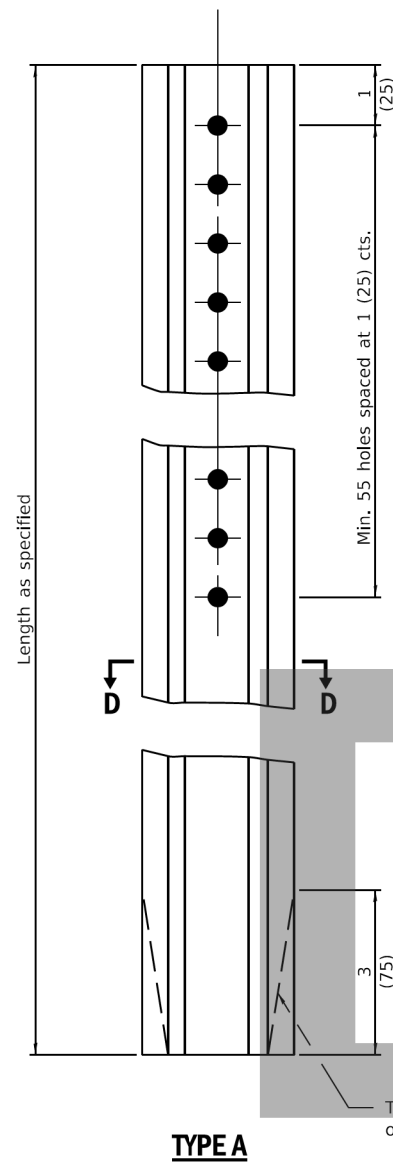
ISSUED 1-1-97

DATE	REVISIONS	SIGN PANEL ERECTION DETAILS
1-1-14	Added shoulders and slopes. Changed sign distances from roadway and shoulder.	
1-1-12	Rev. sign elev. for multilane hwy's. Revised sign elev. and dist. to curb for rural loc.	STANDARD 720006-04

DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	39

SCALE: 1"=80'
PLOT DATE: 3/31/2014 ILLINOIS



		a	b	c	Sx-x in. ³ (mm ³)	lbs./ft. (kg/m)
TYPE A	Steel	3 7/8 (78)	1 1/2 (32)	1 1/8 (37)	0.223 (3,654)	2.00 (2.98)
	Aluminum	3 1/2 (89)	1 1/4 (41)	1 1/8 (48)	0.435 (7,128)	0.90 (1.34)
TYPE B	Steel	3 7/8 (81)	1 1/2 (32)	1 1/8 (38)	0.341 (5,588)	3.00 (4.46)
	Aluminum	4 1/8 (118)	2 1/4 (57)	2 1/8 (60)	0.888 (14,552)	1.30 (1.93)

GENERAL NOTES

Dimensions shown for cross sections are minimum.

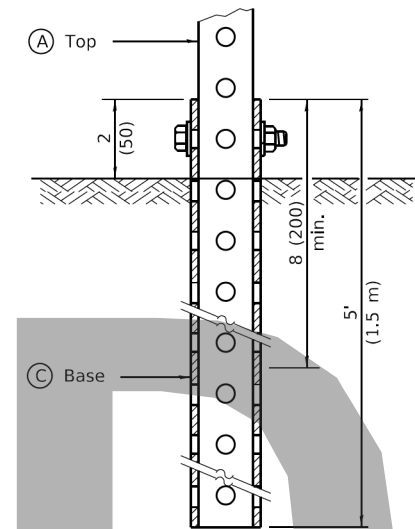
All holes are 3/8 (10).

Sx-x is the minimum section modulus about the x-x axis of the post as shown. For posts in which holes are punched or drilled for more than half their length, Sx-x shall be computed for the net section.

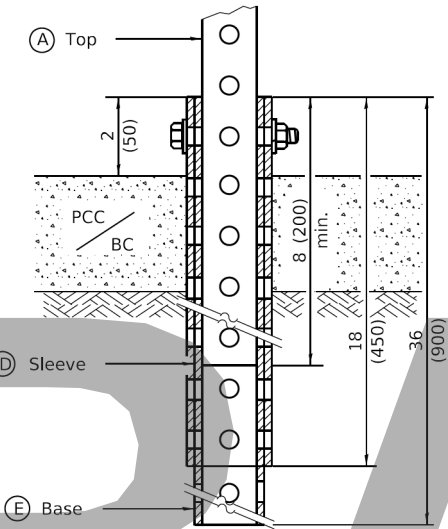
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
1-1-09	Switched units to English (metric).	
1-1-97	Renum. Standard 2350-4.	STANDARD 720011-01

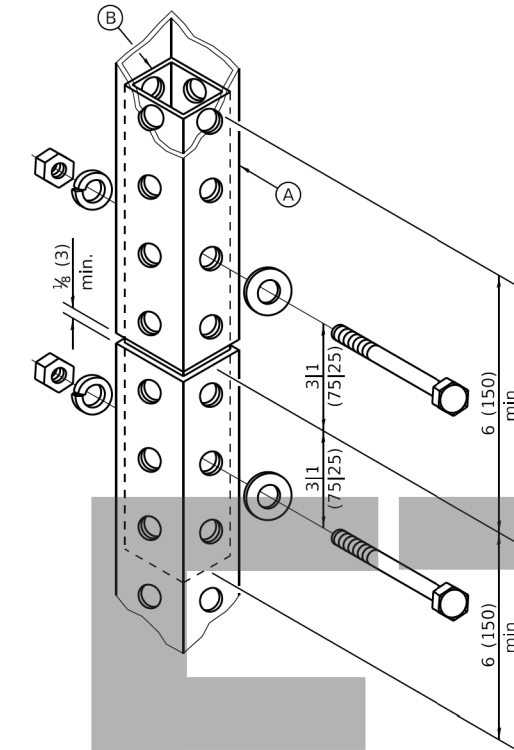
PASSED <u>January 1, 2009</u> ENGINEER OF POLICY AND PROCEDURES APPROVED <u>January 1, 2009</u> ENGINEER OF DESIGN AND ENVIRONMENT	ISSUED 1-1-97



GROUND MOUNT DETAIL



PAVEMENT MOUNT DETAIL



SPLICE DETAIL

(A)	2 x 2 x var. (51 x 51 var.)
(B)	1 3/4 x 1 3/4 x 12 (44 x 44 x 300)
(C)	2 1/4 x 2 1/4 x 60 (57 x 57 x 1500)
(D)	2 1/2 x 2 1/2 x 18 (64 x 64 x 450)
(E)	2 1/4 x 2 1/4 x 36 (57 x 57 x 900)

GENERAL NOTES

All bolts 3/8" (M10) hex head zinc or cadmium plated.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	TELESCOPING STEEL SIGN SUPPORT
1-1-09	Switched units to English (metric).	
1-1-07	New Standard. Used to be part of Standard 720006.	STANDARD 728001-01

Illinois Department of Transportation	
PASSED January 1, 2009	ISSUED 1-1-07
ENGINEER OF OPERATIONS	
APPROVED January 1, 2009	
ENGINEER OF DESIGN AND ENVIRONMENT	

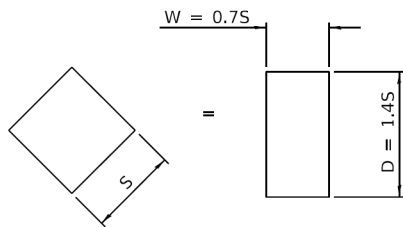
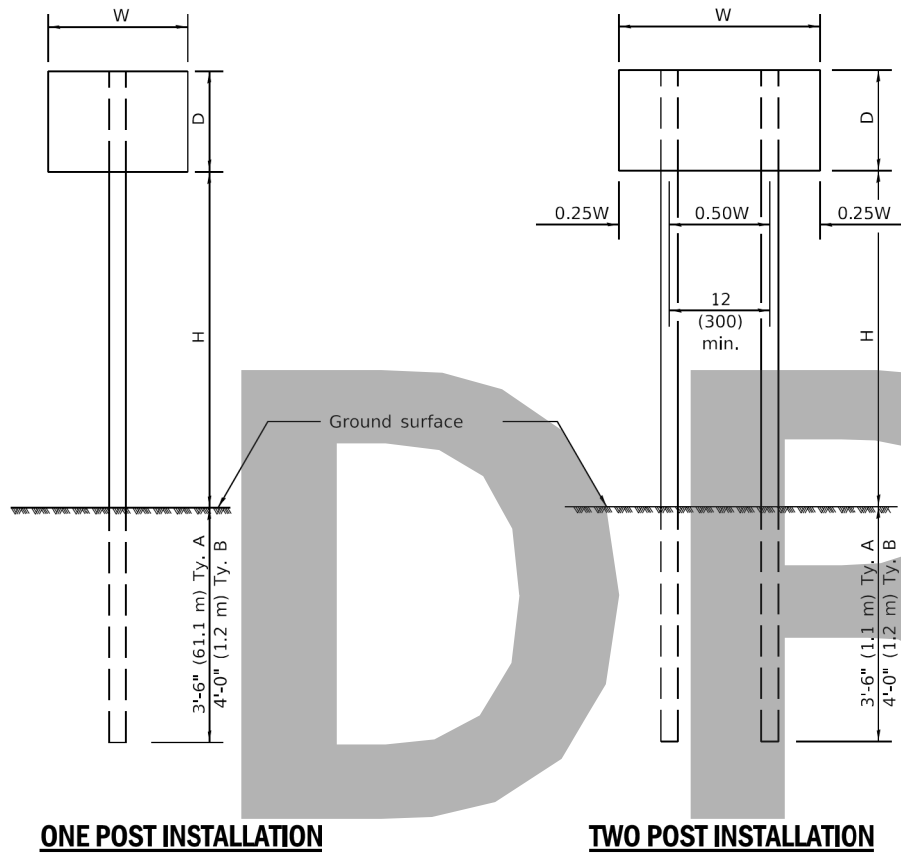


9575 West Higgins Road, Suite 400
Rosemont, Illinois 60018
P: (847) 518-9990 F: (847) 518-9987
PROJECT # 19-297

DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

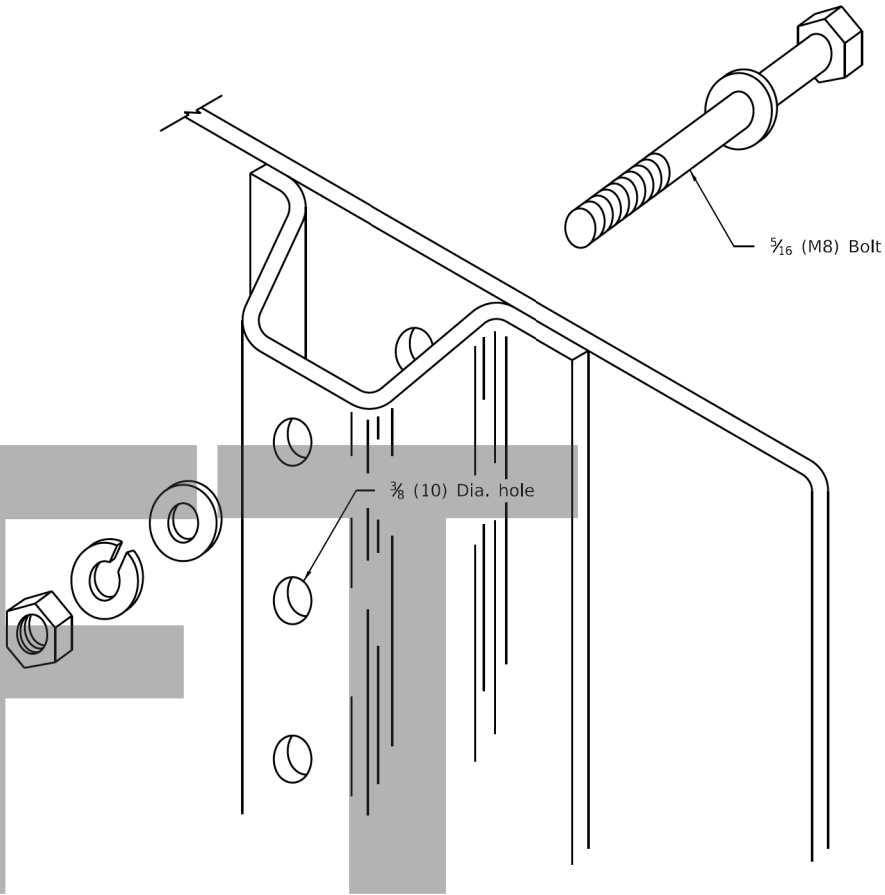
STANDARD DETAILS

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	41
SCALE: 1"=80'		
PLOT DATE: 3/31/2023 ILLINOIS		



For diamond shaped sign with side S as shown, use required post size for a sign with W = 0.75 and D = 1.45.

SIGN DEPTH (D)	H	NO. AND TYPE OF POST FOR SIGN WIDTH (W)				
		12 (300)	18 (450)	24 (600)	30 (750)	36 (900)
18 (450)	5'-0" (1.5 m)	A	A	A	A	A
	5'-6" (1.7 m)	A	A	A	A	A
	6'-0" (1.8 m)	A	A	A	A	B
	6'-6" (2.0 m)	A	A	A	A	B
	7'-0" (2.1 m)	A	A	A	A	B
	7'-6" (2.3 m)	A	A	A	A	B
	8'-0" (2.4 m)	A	A	A	A	B
	8'-6" (2.6 m)	A	A	A	B	B
24 (600)	5'-0" (1.5 m)	A	A	A	A	B
	5'-6" (1.7 m)	A	A	A	A	B
	6'-0" (1.8 m)	A	A	A	B	B
	6'-6" (2.0 m)	A	A	A	B	B
	7'-0" (2.1 m)	A	A	A	B	B
	7'-6" (2.3 m)	A	A	A	B	B
	8'-0" (2.4 m)	A	A	A	B	2A
	8'-6" (2.6 m)	A	A	B	B	2A
30 (750)	5'-0" (1.5 m)	A	A	A	B	B
	5'-6" (1.7 m)	A	A	A	B	2A
	6'-0" (1.8 m)	A	A	A	B	2A
	6'-6" (2.0 m)	A	A	A	B	2A
	7'-0" (2.1 m)	A	A	B	B	2A
	7'-6" (2.3 m)	A	A	B	B	2A
	8'-0" (2.4 m)	A	A	B	B	2A
	8'-6" (2.6 m)	A	A	B	2A	2A
36 (900)	5'-0" (1.5 m)	A	A	B	B	2A
	5'-6" (1.7 m)	A	A	B	B	2A
	6'-0" (1.8 m)	A	A	B	B	2A
	6'-6" (2.0 m)	A	A	B	2A	2A
	7'-0" (2.1 m)	A	A	B	2A	2A
	7'-6" (2.3 m)	A	A	B	2A	2A
	8'-0" (2.4 m)	A	B	B	2A	2A
	8'-6" (2.6 m)	A	B	B	2A	2B
4'-0" (1.2 m)	5'-0" (1.5 m)	A	A	B	2A	2A
	5'-6" (1.7 m)	A	B	B	2A	2A
	6'-0" (1.8 m)	A	B	B	2A	2A
	6'-6" (2.0 m)	A	B	2A	2A	2B
	7'-0" (2.1 m)	A	B	2A	2A	2B
	7'-6" (2.3 m)	A	B	2A	2B	2B
	8'-0" (2.4 m)	A	B	2A	2B	2B
	8'-6" (2.6 m)	B	B	2B	2B	2B
9'-0" (2.7 m)	5'-0" (1.5 m)	A	A	B	2A	2A
	5'-6" (1.7 m)	A	A	B	2A	2A
	6'-0" (1.8 m)	A	A	B	2A	2A
	6'-6" (2.0 m)	A	A	B	2A	2A
	7'-0" (2.1 m)	A	A	B	2A	2A
	7'-6" (2.3 m)	A	A	B	2A	2A
	8'-0" (2.4 m)	A	A	B	2A	2A
	8'-6" (2.6 m)	A	A	B	2A	2A



DETAIL OF MOUNTING SIGN TO POST
NOTE: Minimum of 2 bolts per post required.

GENERAL NOTES

DESIGN: Current AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

LOADING: for 60 mph (95 km/h) wind velocity with 30% gust factor, normal to sign.

SOIL PRESSURE: Minimum allowable soil pressure 1.25 tsf (120 kPa).

See Standard 720011 for details of Types A and B posts.

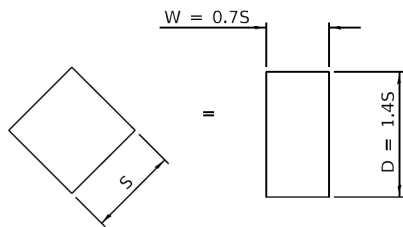
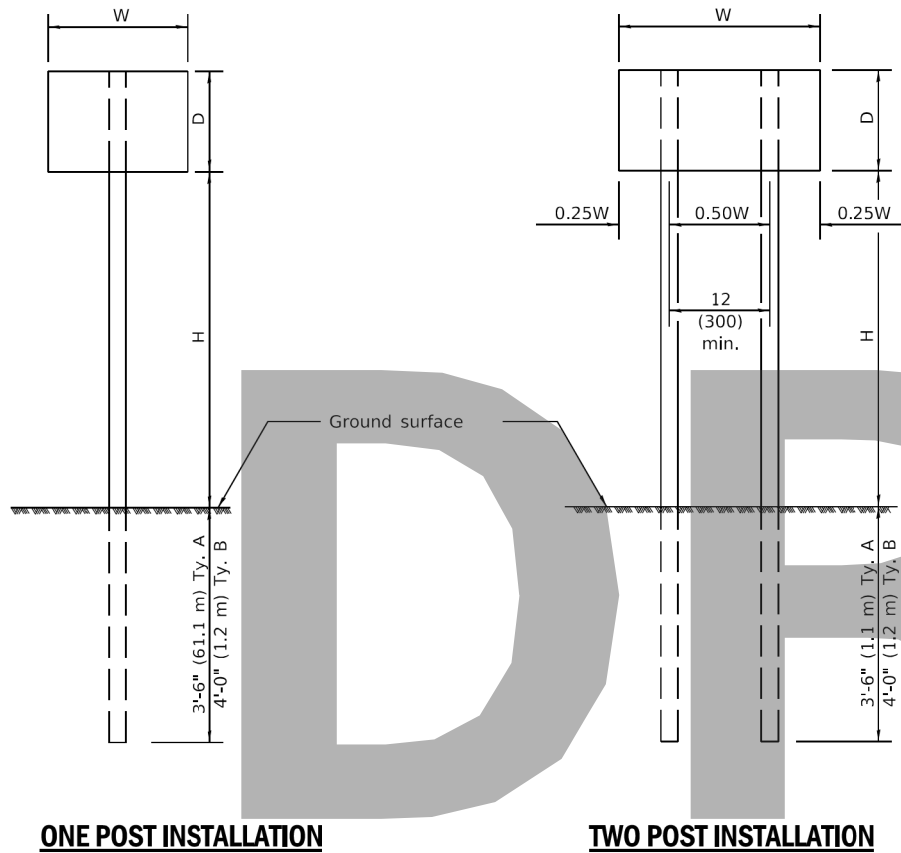
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
1-1-09	Switched units to English (metric).	
1-1-97	Renum. Standard 2363-2.	STANDARD 729001-01

Illinois Department of Transportation	
PASSED January 1, 2009	ISSUED 1-1-97
ENGINEER OF POLICY AND PROCEDURES	
APPROVED January 1, 2009	
ENGINEER OF DESIGN AND ENVIRONMENT	

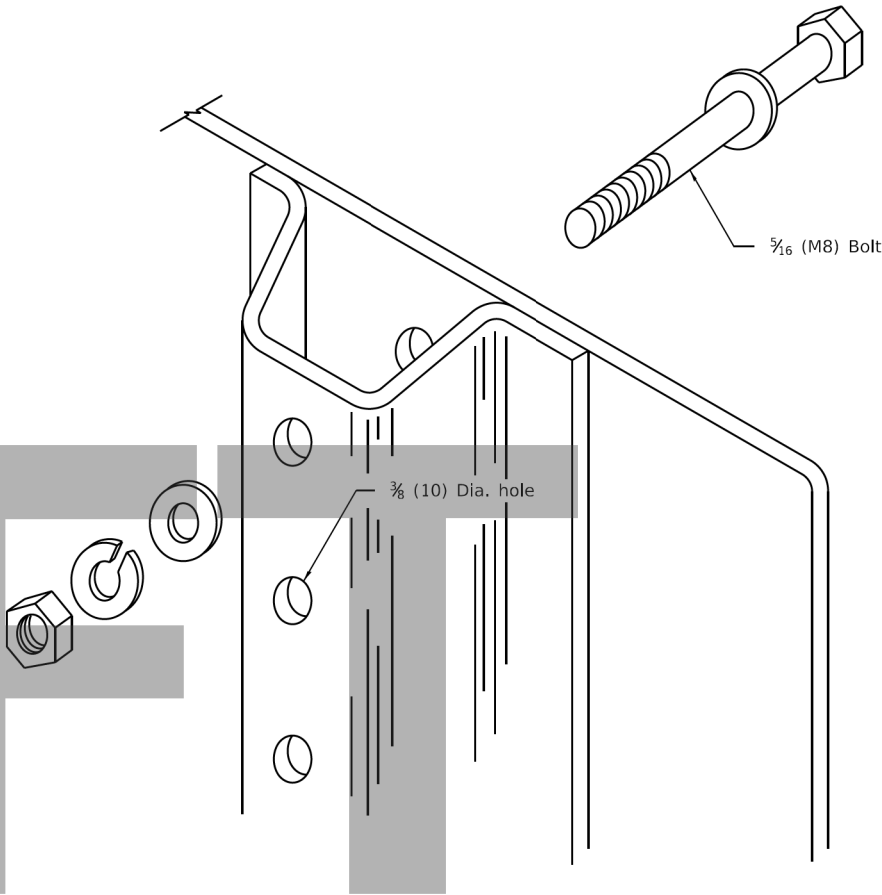
DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	42
SCALE: 1"=80'		
PLOT DATE = 3/31/2023 ILLINOIS		



For diamond shaped sign with side S as shown, use required post size for a sign with W = 0.7S and D = 1.4S.

SIGN DEPTH (D)	H	NO. AND TYPE OF POST FOR SIGN WIDTH (W)				
		12 (300)	18 (450)	24 (600)	30 (750)	36 (900)
18 (450)	5'-0" (1.5 m)	A	A	A	A	A
	5'-6" (1.7 m)	A	A	A	A	A
	6'-0" (1.8 m)	A	A	A	A	B
	6'-6" (2.0 m)	A	A	A	A	B
	7'-0" (2.1 m)	A	A	A	A	B
	7'-6" (2.3 m)	A	A	A	A	B
	8'-0" (2.4 m)	A	A	A	A	B
	8'-6" (2.6 m)	A	A	A	B	B
24 (600)	5'-0" (1.5 m)	A	A	A	A	B
	5'-6" (1.7 m)	A	A	A	A	B
	6'-0" (1.8 m)	A	A	A	B	B
	6'-6" (2.0 m)	A	A	A	B	B
	7'-0" (2.1 m)	A	A	A	B	B
	7'-6" (2.3 m)	A	A	A	B	B
	8'-0" (2.4 m)	A	A	A	B	2A
	8'-6" (2.6 m)	A	A	B	B	2A
30 (750)	5'-0" (1.5 m)	A	A	A	B	B
	5'-6" (1.7 m)	A	A	A	B	2A
	6'-0" (1.8 m)	A	A	A	B	2A
	6'-6" (2.0 m)	A	A	A	B	2A
	7'-0" (2.1 m)	A	A	B	B	2A
	7'-6" (2.3 m)	A	A	B	B	2A
	8'-0" (2.4 m)	A	A	B	B	2A
	8'-6" (2.6 m)	A	A	B	2A	2A
36 (900)	5'-0" (1.5 m)	A	A	B	B	2A
	5'-6" (1.7 m)	A	A	B	B	2A
	6'-0" (1.8 m)	A	A	B	B	2A
	6'-6" (2.0 m)	A	A	B	2A	2A
	7'-0" (2.1 m)	A	A	B	2A	2A
	7'-6" (2.3 m)	A	A	B	2A	2A
	8'-0" (2.4 m)	A	B	B	2A	2A
	8'-6" (2.6 m)	A	B	B	2A	2B
4'-0" (1.2 m)	5'-0" (1.5 m)	A	A	B	2A	2A
	5'-6" (1.7 m)	A	B	B	2A	2A
	6'-0" (1.8 m)	A	B	B	2A	2A
	6'-6" (2.0 m)	A	B	2A	2A	2B
	7'-0" (2.1 m)	A	B	2A	2A	2B
	7'-6" (2.3 m)	A	B	2A	2B	2B
	8'-0" (2.4 m)	A	B	2A	2B	2B
	8'-6" (2.6 m)	B	B	2B	2B	2B
9'-0" (2.7 m)	5'-0" (1.5 m)	A	A	B	2A	2A
	5'-6" (1.7 m)	A	A	B	2A	2A
	6'-0" (1.8 m)	A	A	B	2A	2A
	6'-6" (2.0 m)	A	A	B	2A	2A
	7'-0" (2.1 m)	A	A	B	2A	2A
	7'-6" (2.3 m)	A	A	B	2A	2A
	8'-0" (2.4 m)	A	A	B	2A	2A
	8'-6" (2.6 m)	A	A	B	2A	2A



DETAIL OF MOUNTING SIGN TO POST

NOTE: Minimum of 2 bolts per post required.

GENERAL NOTES

DESIGN: Current AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

LOADING: for 60 mph (95 km/h) wind velocity with 30% gust factor, normal to sign.

SOIL PRESSURE: Minimum allowable soil pressure 1.25 tsf (120 kPa).

See Standard 720011 for details of Types A and B posts.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
1-1-09	Switched units to English (metric).	
1-1-97	Renum. Standard 2363-2.	STANDARD 729001-01

PASSED January 1, 2009

ENGINEER OF POLICY AND PROCEDURES

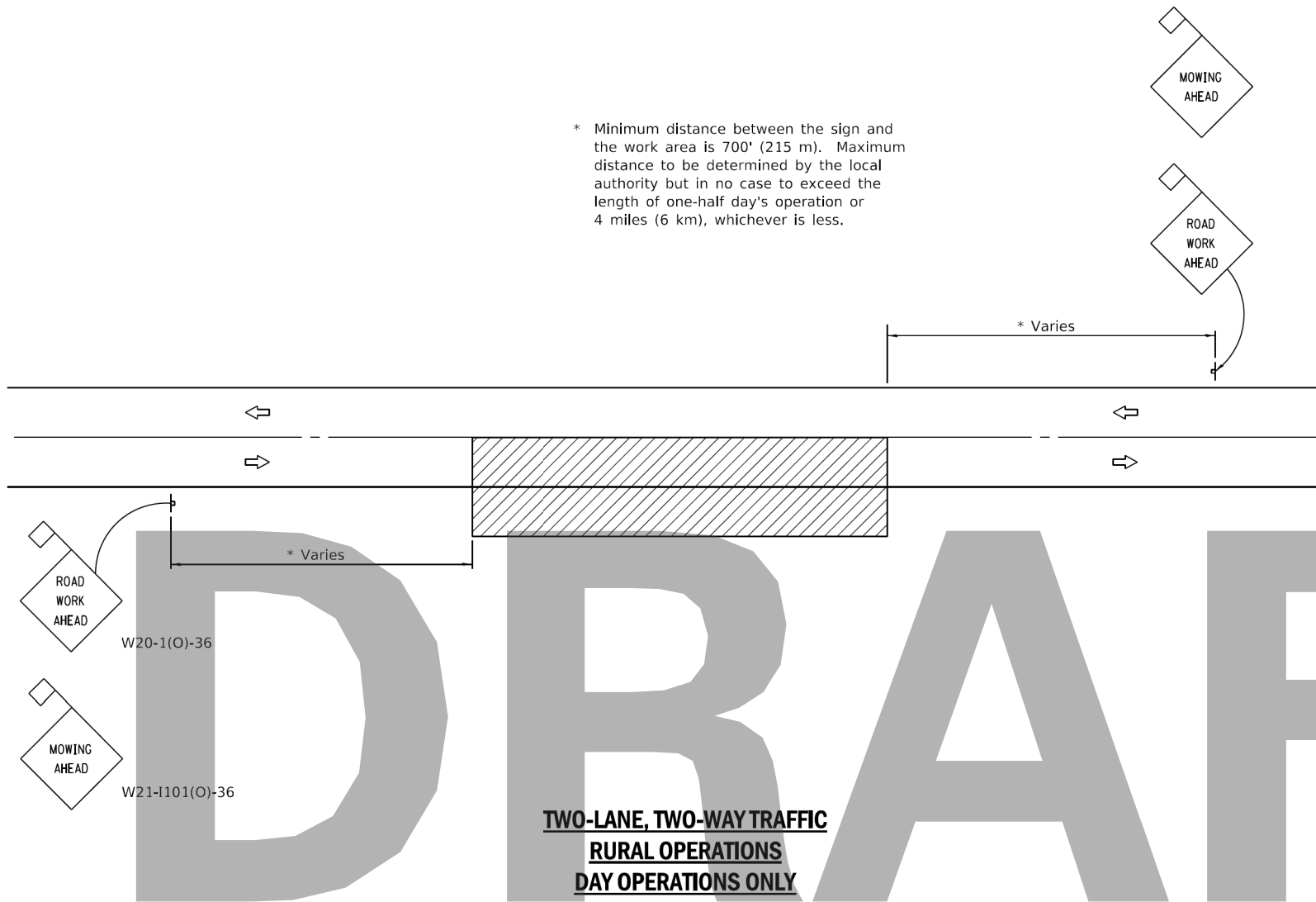
APPROVED January 1, 2009

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	42
SCALE: 1"=80'		
PLOT DATE = 3/31/2023 ILLINOIS		



SYMBOLS



Work area



Sign with 18x18 (450x450) min.
orange flag attached.

TYPICAL APPLICATIONS

MOWING
SPREADING AGGREGATE
WEED SPRAYING
SURFACE MAINTENANCE
BITUMINOUS RESURFACING
CRACK POURING
SHOULDER REPAIR
CLEANING DITCHES

GENERAL NOTES

Maintenance operations shall be confined to one traffic lane, leaving the opposite lane open to traffic. At least 500' (150 m) of both traffic lanes shall be available for traffic movement between work areas at intervals not greater than 1000' (300 m).

When operations are on the pavement and stationary or moving at a speed less than 4 mph (6 kph), a ONE LANE AHEAD, or other appropriate sign, shall be installed in each direction between the ROAD WORK AHEAD sign and the work area. The distance between this sign and the work area shall be a minimum of 400' (120 m) but in no case to exceed the length of one-half day's operation or 4 miles (6 km), whichever is less. The distance between the two signs shall be approximately 400' (120 m).

All signs are to be removed at completion of the day's operation.

Any unattended obstacle, excavation, or pavement drop off greater than 3 (75) in the work area shall be protected by Type I or Type II barricades with flashing lights.

Longitudinal dimensions may be adjusted slightly to fit field conditions.

All vehicles, equipment, men, and their activities are restricted at all times to one side of the pavement.

Flashing lights or rotating beacons are required for all maintenance vehicles while in operation.

Applicable operations illustrated in Standard 701301 may be used when operations do not exceed 15 minutes on the pavement or 60 minutes on the shoulder respectively.

All warning signs shall have minimum dimensions of 36x36 (900x900) and have black legend on an orange reflectorized background.

When fluorescent signs are used, orange flags are not required.

This case is for use on rural local roads where the local authority considers this protection to be appropriate for the specific job conditions.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation	
PASSED January 1, 2015	ISSUED 1-1-97
ENGINEER OF LOCAL ROADS AND STREETS	
APPROVED January 1, 2015	
ENGINEER OF DESIGN AND ENVIRONMENT	

DATE	REVISIONS
1-1-15	Corrected RWA sign number.
1-1-09	Switched units to
	English (metric). Moved
	one General Note.

TRAFFIC CONTROL DEVICES- DAY LABOR MAINTENANCE

STANDARD B.L.R. 18-6

DESIGNED - ER	REVISED -
DRAWN - MD	REVISED -
CHECKED - ER	REVISED -
DATE -	REVISED -

COUNTY	TOTAL SHEETS	SHEET NO.
COOK	44	44
SCALE: 1"=80'		
PLOT DATE = 3/31/2023 ILLINOIS		

