

Welcome

The meeting will begin shortly



Utility Coordination Council
2021 Annual Conference

Considerations for Today's Meeting



The meeting is being recorded for internal purposes



Please remain muted while the presenters are speaking



If you have any questions throughout the presentation, please use the chat function to ask the project team

How to Use the Chat Function



Utility Coordination Council
2021 Annual Conference



Click on the Chat icon at the bottom of your screen



Type questions or comments into the textbox

Chat...





**Cook County Department of
Transportation and Highways**

2021 Annual Utility Coordination Council Conference

June 02, 2021

**CONNECTING
COOK COUNTY**
Beyond Transportation



HONORABLE TONI PRECKWINKLE
PRESIDENT, COOK COUNTY
BOARD OF COMMISSIONERS

JENNIFER "SIS" KILLEN, P.E., PTOE, SUPERINTENDENT
DEPARTMENT OF TRANSPORTATION & HIGHWAYS

Introductions



Utility Coordination Council
2021 Annual Conference

Noel Basquin, P.E., CFM
Bureau Chief of Design

Adam James, P.E., CFM
Drainage and Utilities Manager

Goals for Today

01



Purpose/Overview

- Utility Council Purpose and Requirements
- Utility Relocation Process
- Project Types to be Presented
- Organizational Structure

02



Project Presentations

- Project Development Bureau
- Design Bureau
- Construction Bureau

03



Permits Process

04



Question and Answer

Purpose/ Overview



Illinois Compiled Statute 605 ILCS 5/9-113

Strategies and Practices for effective communication of planned highway projects that may require utility relocation:

- Delivery of a 5-year program (Multi-Year Improvement Program)
- Delivery of an annual program
- Establishment of a coordination council

General Requirements

- Utilities are required to obtain written consent (permit) from the appropriate Highway Authority (County) to place facilities in public Right-of-Way (ROW)
- With the establishment of a Utility Council, the County Highway Authority can enforce a 90-day relocation policy.

Illinois Compiled Statute 605 ILCS 5/9-113

Utility Owner's Responsibilities

- Any utility located along the highway shall, upon written notice by the county highway authority be removed, relocated, or modified by the owner at no expense to the county highway authority when and as deemed necessary for highway or highway safety purposes. The notice shall be given after completion of engineering plans.
- If, within 90-days after receipt of such written notice, arrangements are not made satisfactory to the County Highway Authority for such removal, relocation, or modification, the County Highway Authority may remove, relocate, or modify and bill the owner.
- Owner may request the county engineer for a waiver of the 90-day deadline. The county engineer shall make a decision concerning waiver within 10 days and may waive the 90-day deadline if he or she makes a written finding as to the reasons for waiving the deadline.
- If no waiver of deadline has been requested or issued by the county engineer, and no satisfactory arrangement has been made, the County Highway Authority may file a complaint in the Circuit Court for an emergency order.

Code of Ordinances of Cook County, Illinois Sec. 66-81

Information on Location of Facilities; Relocation of Permitted Facilities

Additional Provisions Related to:

- Penalties for Delays
- Indemnification
- Other Requirements



Typical Design Utility Coordination Process

Step 1

Initiate Coordination at start of design process.

Step 2

Contact JULIE to receive the contact information for utility owners that may have facilities within the project limits.

Step 3

Send out location map and preliminary plans requesting marked-up plans and atlas pages showing the existing utility information with a deadline of 4 weeks. If possible, the designer may work to minimize conflicts by adjusting proposed storm sewers, structures, etc., without compromising the design or adding significant cost or delay to the project.

Step 4

If warranted, set-up a project specific Utility Coordination Meeting (to discuss project schedule, utility conflicts, utility relocation schedule, etc.). Otherwise, conduct required coordination with individual utility owners.

Step 5

Final plans sent out to utility owners (90-day relocation requirement).

Step 6

Utility owners initiate permits and continue to coordinate with both Design and Construction.

Multi-Year Improvement Program (MYP)

- Increased funding due to Rebuild Illinois (State capital bill)
- \$928M over 5-years
- Fiscally Balanced

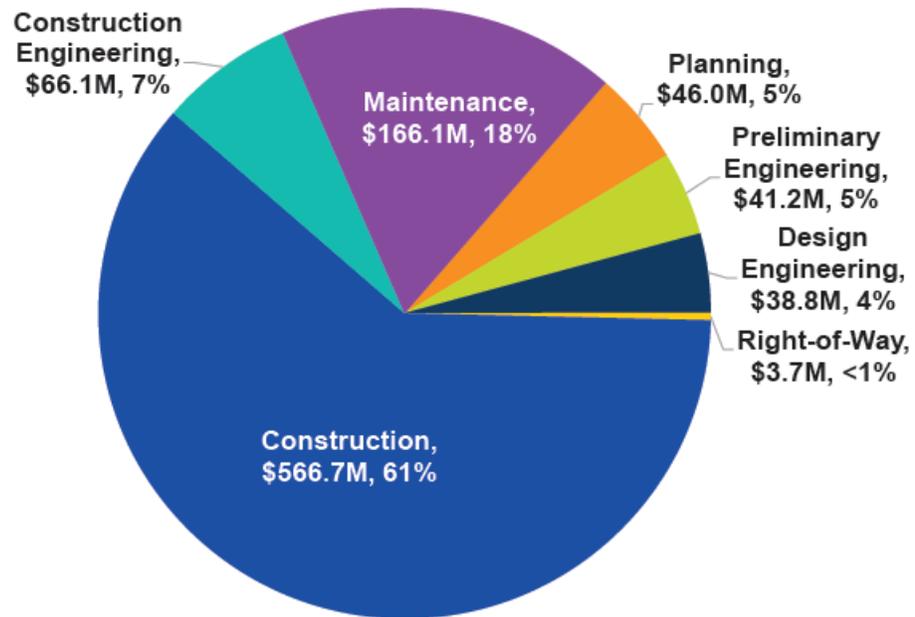


Figure 4
FY21-25 Expenditures by Task, \$928.6M

FY2021-2025

Proposed Transportation Improvement Program

Cook County Department of Transportation and Highways



Honorable Toni Preckwinkle
President, Cook County
Board of Commissioners

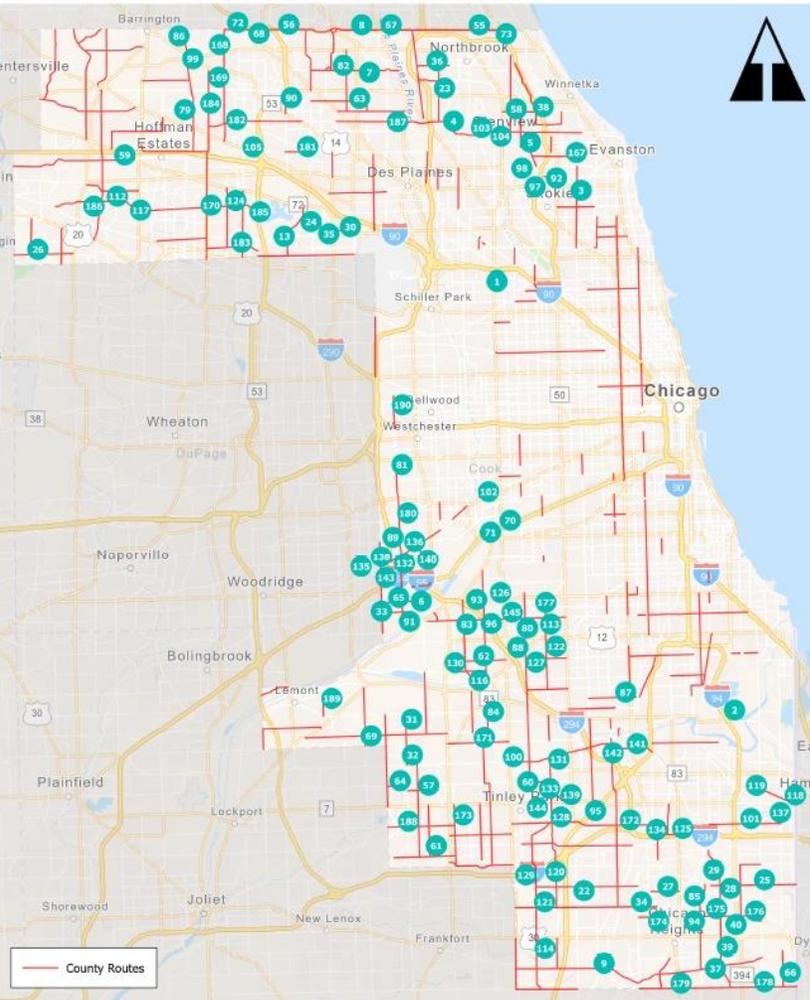
Tanya Anthony, Chief Administrative Officer
Bureau of Administration

Jennifer (Sis) Killen, P.E., FTCE, Superintendent
Department of Transportation and Highways

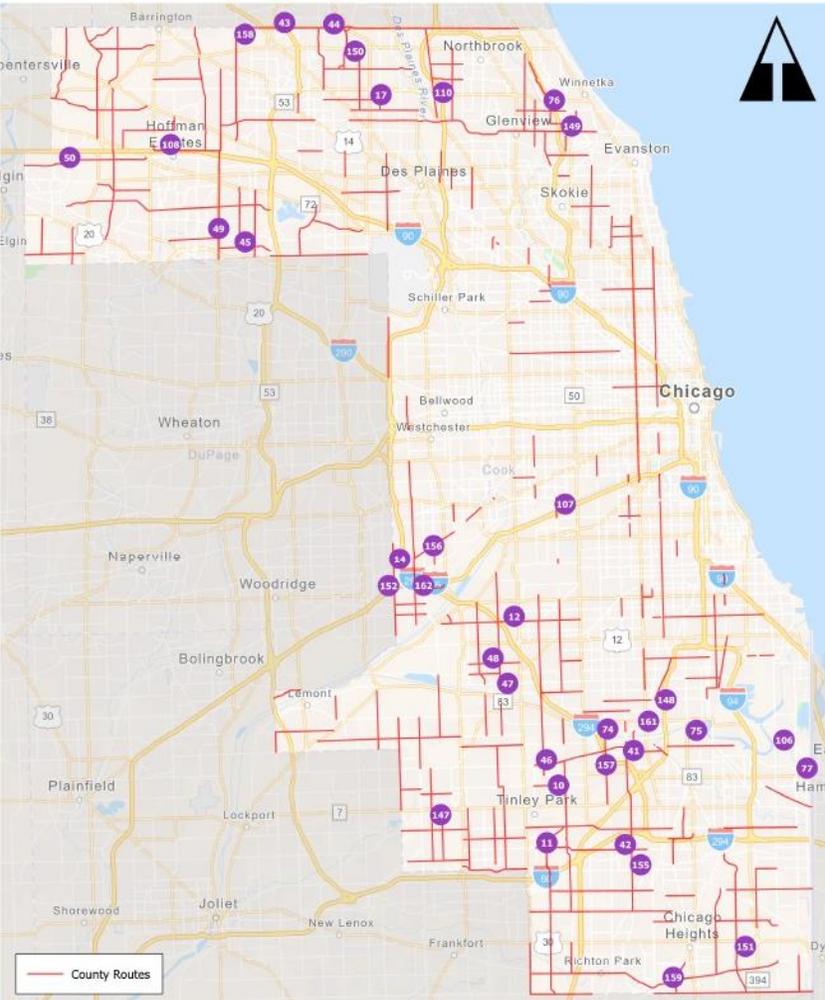
**CONNECTING
COOK COUNTY**
Beyond Transportation

Multi-Year Improvement Program

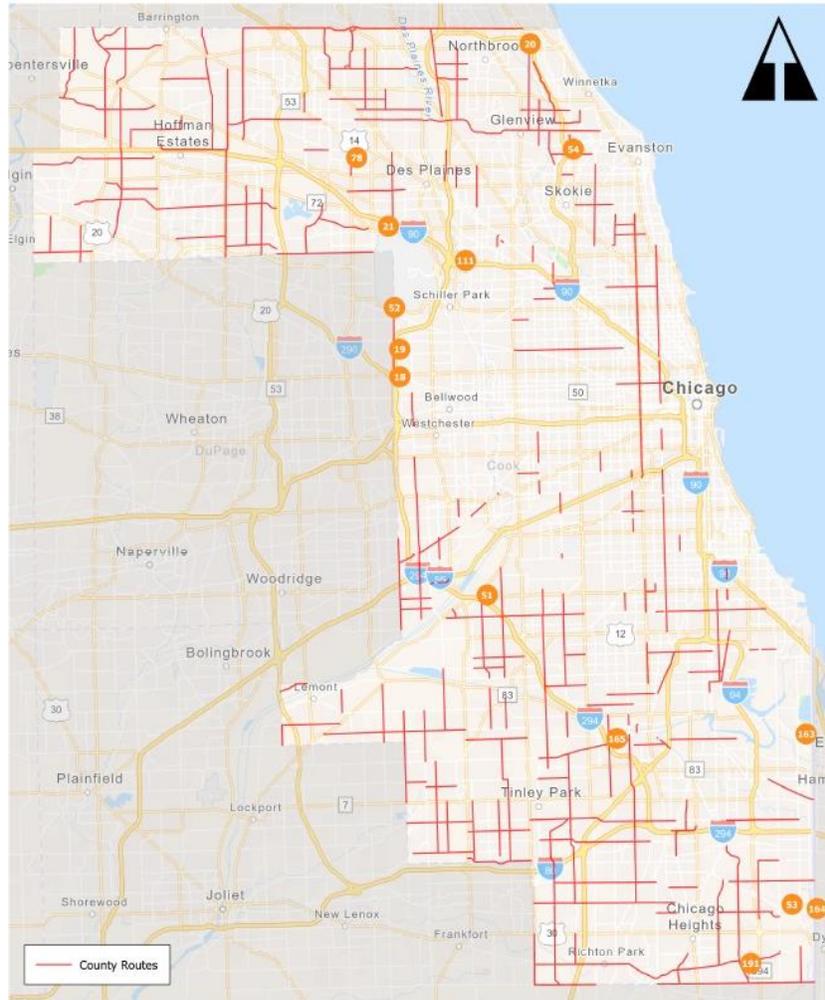
PRESERVATION PROJECTS MAP



MODERNIZATION PROJECTS MAP



EXPANSION PROJECTS MAP



Project Delivery Arrangements

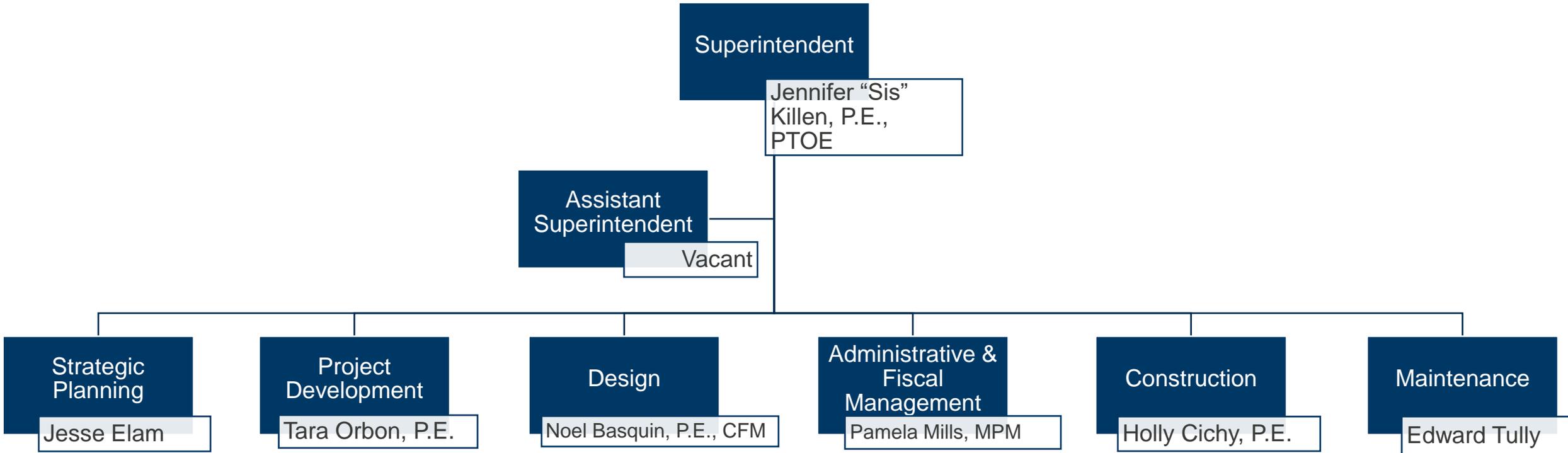
The MYP includes many types of project delivery arrangements:

- County led design and/ or construction
- Partner agency led design and/ or construction
- Improvements partially or entirely not on County routes
- Invest in Cook

Which projects are we presenting today?

- Project where the County is/ may be leading construction, which may cause the need for relocations/ adjustments
- Projects where the County is/ may be leading design, where utility coordination will be initiated by the County

Cook County Department of Transportation and Highways



Thank you

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<https://www.cookcountyil.gov/service/utility-coordination-council>



Project Development Bureau



Utility Coordination Council
2021 Annual Conference

Tara Orbon, P.E.

Bureau Chief of Project Development

Katie Bell, P.E.

Project Studies Manager

Brian Roberts, P.E., PTOE

Traffic Manager

Project Development Bureau

- Multi-Year Program
- Invest in Cook
- Preliminary Engineering Studies
 - CCDOTH Led
 - Local Agency Partnerships

Preliminary Engineering

CCDO TH Led

108th Avenue Reconstruction

167th Street to 159th Street

Village of Orland Park

Orland Township

134th Street Reconstruction

Halsted Street to Marsden Drive

Village of Riverdale

Calumet Township

Preliminary Engineering

CCDO TH Led

108th Avenue Reconstruction

167th Street to 159th Street

Village of Orland Park

Orland Township

134th Street Reconstruction

Halsted Street to Marsden Drive

Village of Riverdale

Calumet Township

Preliminary Engineering

CCDOETH Led

170th Street Bridge Replacement

over Thorn Creek

Village of South Holland

Thornton Township

Buffalo Grove Road Reconstruction

Hintz Road to Lake Cook Road

Villages of Arlington Heights, Buffalo Grove, and Wheeling

Wheeling Township

Preliminary Engineering

CCDO TH Led

Burnham Multimodal Connector

Elevated bicycle/pedestrian bridge over the
CSS/CSX/NICTD/NS railroad tracks

*City of Chicago and Village of Burnham
Hyde Park and Thornton Townships*

Butler Drive Reconstruction

Doty Avenue to 130th Street

*City of Chicago
Hyde Park Township*

Preliminary Engineering

CCDOETH Led

Central Avenue Reconstruction

Sauk Trail to Lincoln Highway (US 30)

Village of Matteson

Rich Township

Division Street Reconstruction

123rd Street to 119th Street

City of Blue Island

Calumet Township

Preliminary Engineering

CCDO TH Led

East Lake Avenue Bridge Replacement

over Middle Fork of North Branch of Chicago River

Villages of Glenview and Wilmette

New Trier and Northfield Townships

I-55 Frontage Road Reconstruction

County Line Road to I-294

Village of Burr Ridge

Lyons Township

Preliminary Engineering

CCDO TH Led

Kedzie Avenue at 139th Street Safety Improvements

HSIP-funded improvement

Village of Robbins

Bremen Township

Kedzie Avenue at 175th Street Safety Improvements

HSIP-funded improvement

Village of Hazel Crest

Bremen Township

Preliminary Engineering

CCDO TH Led

Kedzie Avenue Reconstruction

Vollmer Road to 159th Street

*Villages of Flossmoor, Hazel Crest,
Homewood, Olympia Fields, and the City of Markham
Bremen and Rich Townships*

Preliminary Engineering

CCDO TH Led

Lehigh Avenue Bridge Replacement

over East Lake Avenue

Village of Glenview

Northfield Township

Meacham Road Bridge Replacement

over Salt Creek

Villages of Elk Grove Village and Schaumburg

Schaumburg Township

Preliminary Engineering

CCDO TH Led

Nerge Road at Plum Grove Road Safety Improvements

HSIP-funded improvement

Villages of Roselle and Schaumburg

Schaumburg Township

Preliminary Engineering

CCDOH Led

Plainfield Road Reconstruction

County Line Road to East Avenue

*Villages of Burr Ridge, Indian Head Park,
La Grange, Western Springs, and City of Countryside
Lyons Township*

Preliminary Engineering

CCDOTH Led

Pulaski Road Reconstruction

159th Street to 127th Street

*Villages of Alsip, Crestwood, Midlothian,
Robbins, and City of Markham*

Bremen and Worth Townships

Quentin Road Reconstruction

IL-68 (Dundee Road) to Lake Cook Road

Villages of Deer Park and Palatine

Palatine Township

Preliminary Engineering

CCDO TH Led

Roberts Road at 103rd Street Safety Improvements

HSIP-funded improvement

City of Palos Hills

Palos Township

Roselle Road at Hartford Drive Safety Improvements

HSIP-funded improvement

Village of Schaumburg

Schaumburg Township

Preliminary Engineering

CCDOTH Led

Sauk Trail Reconstruction and Bridge Replacement

Western Avenue to Ashland Avenue

Village of Sauk Village

Bloom Township

Sauk Village New Multi-Use Path

Mary Byrne Drive to Burnham Avenue

Village of Sauk Village

Bloom Township

Preliminary Engineering

CCDO TH Led

Vollmer Road at Ridgeland Avenue Safety Improvements

HSIP-funded improvement

Village of Matteson

Rich Township

Vollmer Road Viaduct Reconstruction

over railroad tracks between Kedzie Avenue and
Western Avenue

Village of Olympia Fields

Rich Township

Preliminary Engineering

Local Agency Led

104th Avenue New Multi-Use Path

163rd Place to 159th Street

Village of Orland Park

Orland Township

Burnham Avenue Grade Separation

over railroad tracks south of Brainard Avenue

Village of Burnham

Thornton Township

Preliminary Engineering

Local Agency Led

Crawford Avenue

Oakton Street to Golf Road

Village of Orland Park

Orland Township

Wolf Road Reconstruction

79th Street to Plainfield Road

Villages of Burr Ridge and Indian Head Park

Lyons Township

Traffic Signal Modernization/ Replacement Program (TSMRP)

Modernization Scope

- New cabinet
- New controller
- New uninterruptible power supply (UPS) battery back-up

Modernization Locations

1. Schaumburg Rd & Knollwood Dr
2. Schaumburg Rd & Walnut Ln
3. Schaumburg Rd & Springinsguth Rd
4. Schaumburg Rd & Grand Central Ln
5. Schaumburg Rd & Hilltop Ln
6. Schaumburg Rd & Pleasant Town Sq
7. Schaumburg Rd & Plum Grove Rd
8. Schaumburg Rd & National Pkwy/Bar Harbor
9. Roselle Rd & Town Sq
10. Meacham Rd & Old Schaumburg Rd

Traffic Signal Modernization/ Replacement Program (TSMRP)

Replacement Scope

- New cabinet/controller/UPS
- New poles/posts/mast arms
- New cable/conduit
- New signal head per lane
- New ADA-compliant ramps and pedestrian countdown signals at all crossings

Replacement Locations

1. Schaumburg Rd & Braintree Dr
2. Schaumburg Rd & Friendship Dr
3. Schaumburg Rd & Summit Dr
4. Schaumburg Rd & Meacham Rd
5. Schaumburg Rd & Wildflower Ln
6. Schaumburg Rd & Martingale Rd
7. Euclid Ave & Burning Bush Ln
8. Euclid Ave & Wheeling Rd
9. Greenwood Ave & Normal Ave
10. Ridgeland Ave & 87th St/State Rd
11. 167th St & 80th Ave

Thank you

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Ingrid Peterson, P.E.
Highway Engineer IV

Design Projects

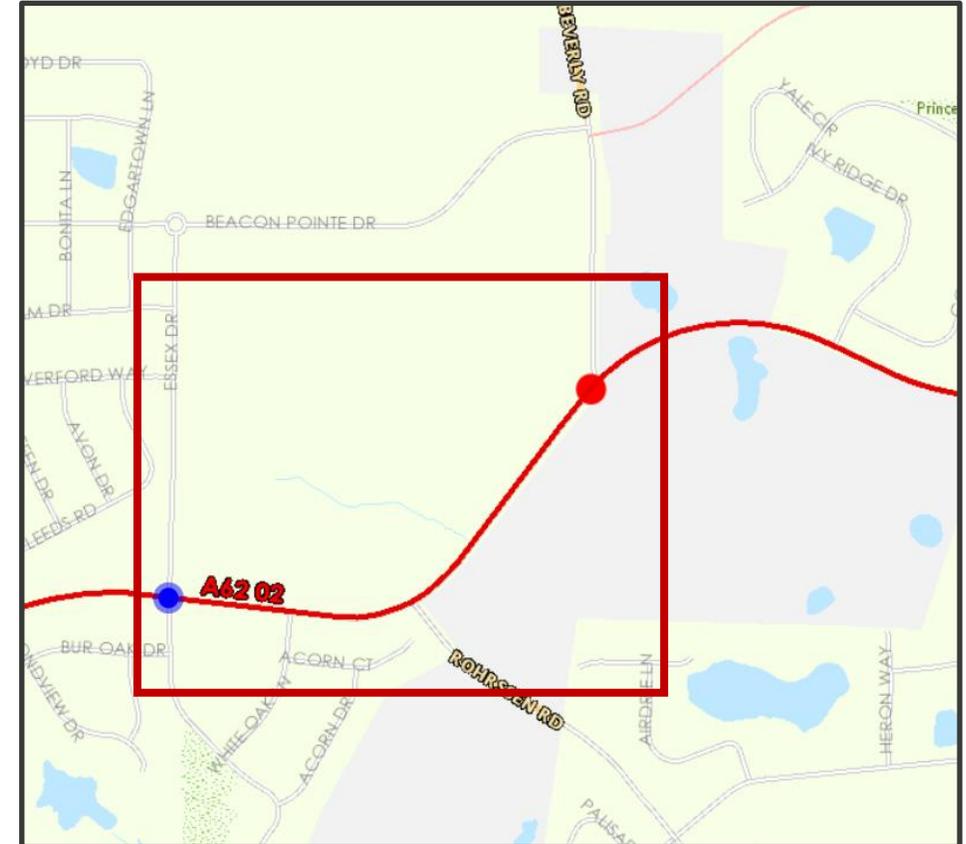
- Reconstruction
- Rehabilitation
- Curb Ramp Improvements (North and South)
- 2022 Pavement Rehabilitation Program (North and South)

Reconstruction

Shoe Factory Road – Essex Drive to Beverly Road

0.7 miles of roadway improvements in the Village of Hoffman Estates in Hanover Township.

- Realignment: Improve sight distance and provide a smoother transition between the roadway curves.
- Widening: Improve the clear zone and level of service.
- Proposed Geometrics: Includes 2 lanes in each direction with landscaped medians and a multi-use path.
- Cross section: Urban/suburban with curb and gutter and enclosed drainage system.

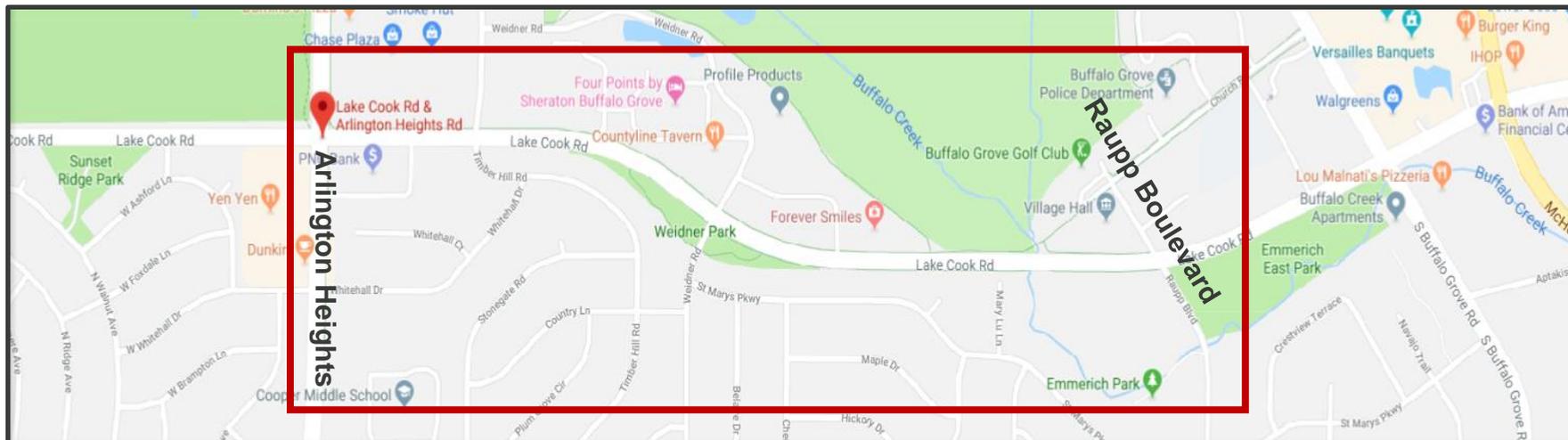


Rehabilitation

Lake Cook Road – Arlington Heights to Raupp Boulevard

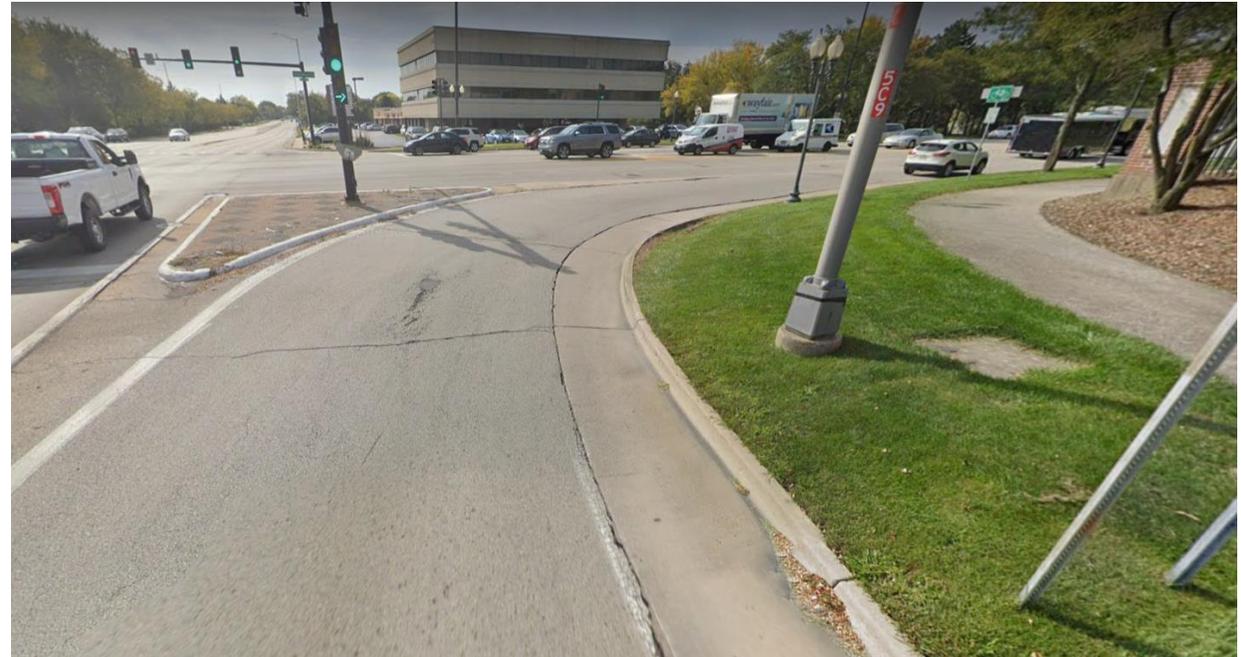
1 mi of roadway improvements in the Village of Buffalo Grove in Wheeling Township

- Pavement patching, concrete median rehabilitation and curb and gutter replacement as needed.
- ADA ramp improvements, signal upgrades and restoration of other appurtenant work as required.
- Drainage system repairs.



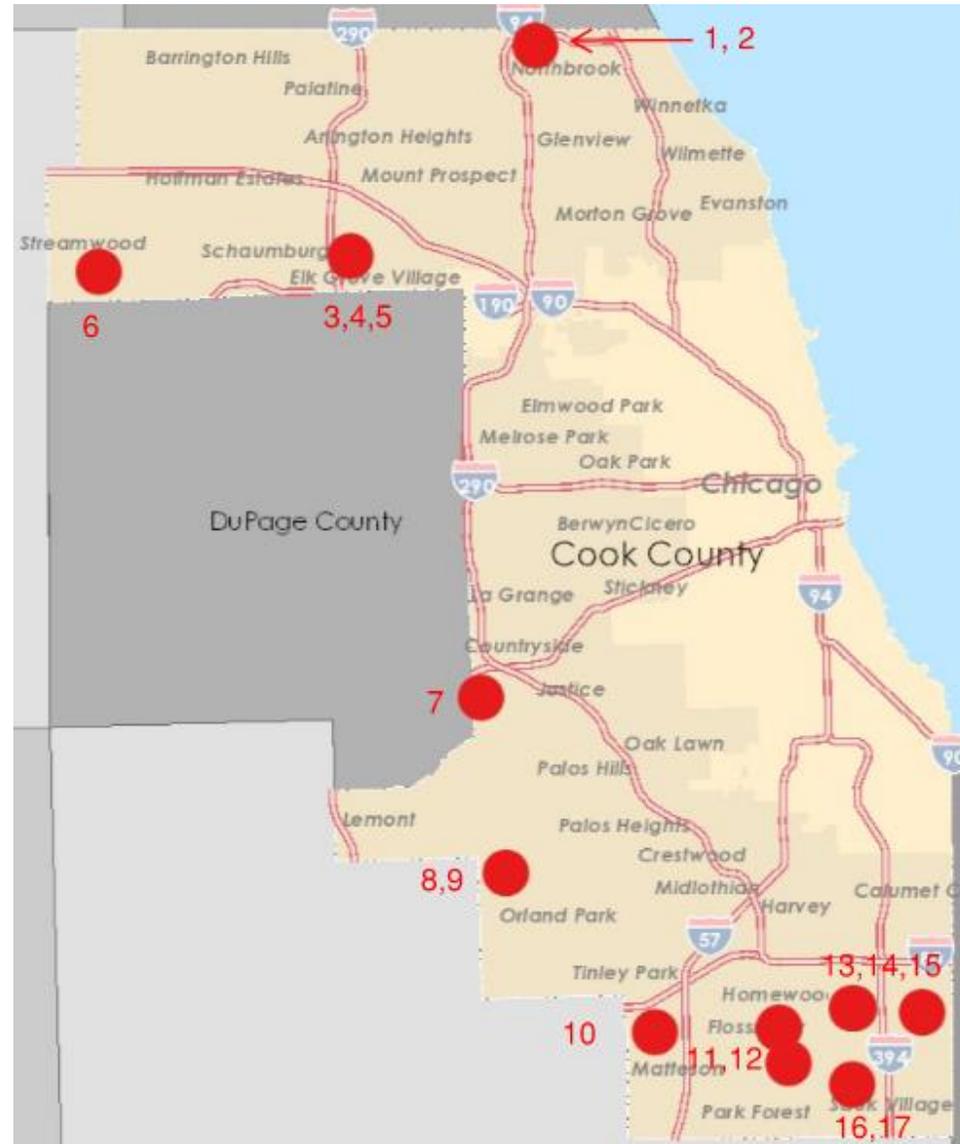
Curb Ramp Improvements (North and South)

Various Locations



2022 Pavement Rehabilitation Program North and South

Tentative Locations

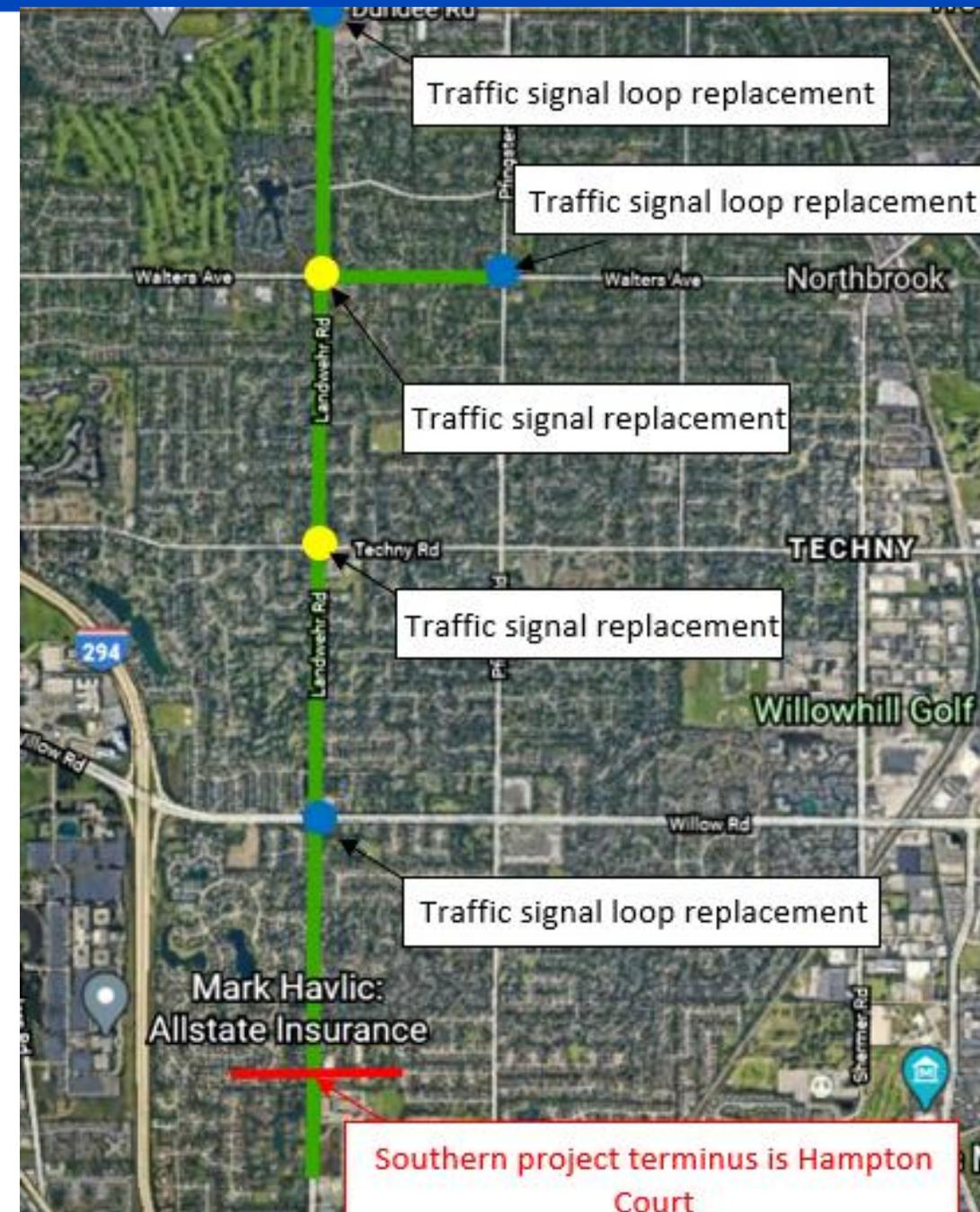


2022 Pavement Rehabilitation Program North and South

Tentative Locations

Villages of Northbrook and Glenview in Northfield Township:

1. Landwehr Rd - Hampton Ct to Dundee Rd (3.0 mi); Mill and Overlay
2. Walters Ave - Landwehr Rd to Pfingsten Rd (0.5 mi); Mill and Overlay



2022 Pavement Rehabilitation Program North and South

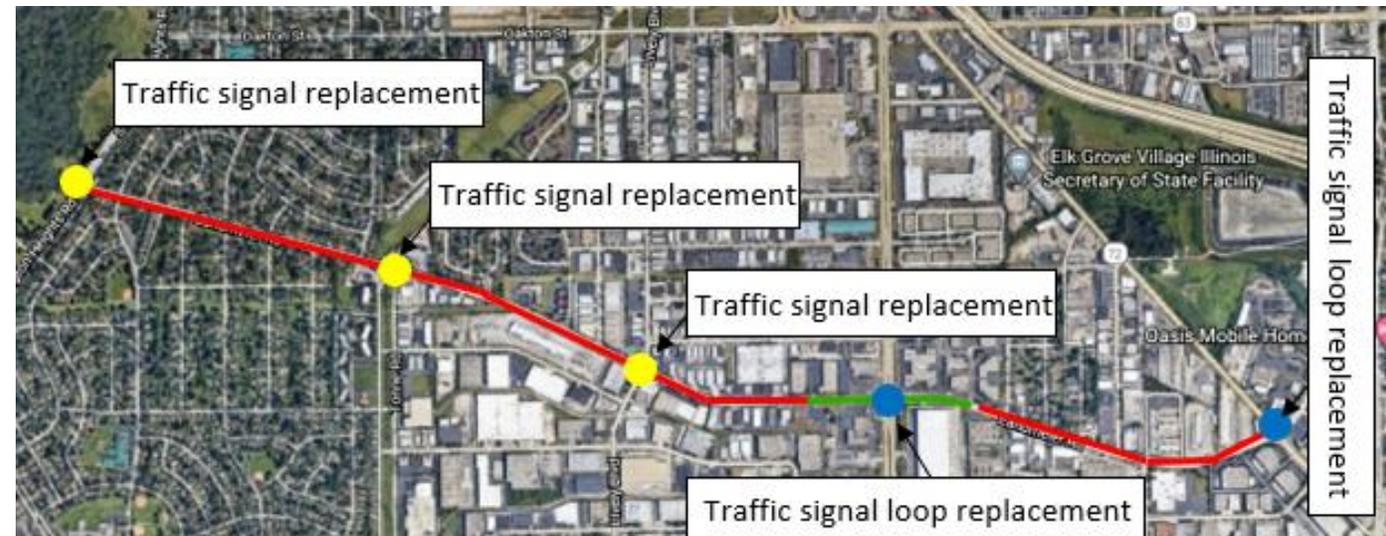
Tentative Locations

Elk Grove Village in Elk Grove Township

3. Landmeier Rd - Arlington Heights Rd to 880' west of Busse Rd (1.55 mi); Grind with Patch or Edge Grind and Overlay with lane reconfiguration (remove 4' mountable median to provide TWLTL)

4. Landmeier Rd - 880' west of Busse Rd to Cambridge Dr (0.34 mi); Mill and Overlay

5. Landmeier Rd - Cambridge Dr to Higgins Rd (0.65 mi); Grind with Patch or Edge Grind and Overlay with potential lane reconfiguration



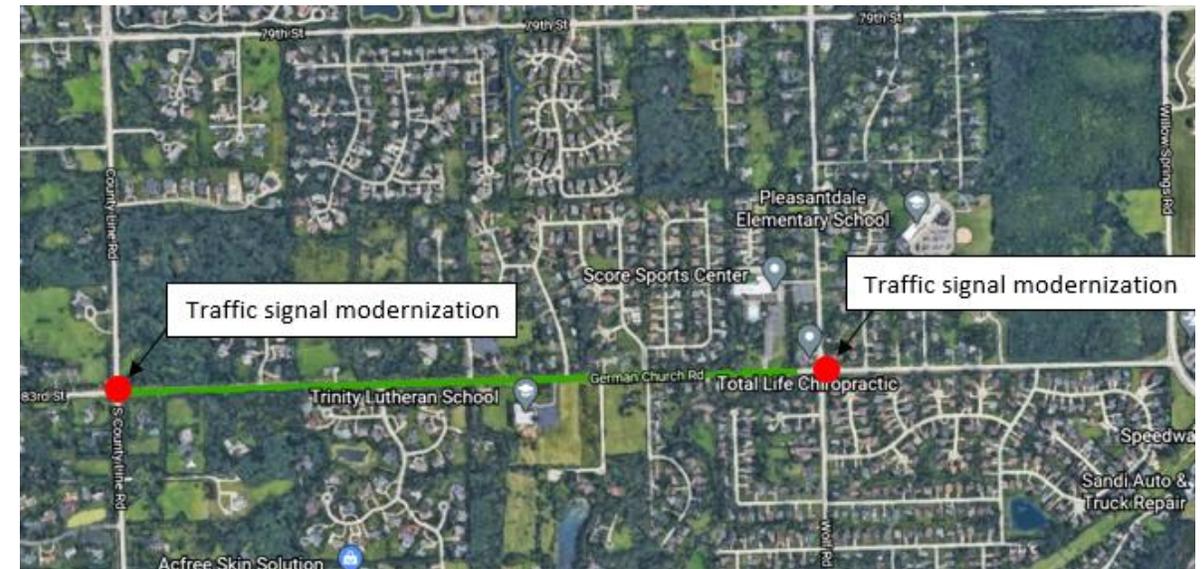
2022 Pavement Rehabilitation Program North and South

Tentative Locations

Village of Bartlett, City of Elgin, Village of Burr Ridge, and Village of Willow Springs in Hanover and Lyons Township

6. W. Bartlett Rd - 160' east of Southwind Blvd to 420' west of Tameling Ct (1.71 mi); Mill and Overlay

7. German Church Rd - County Line Rd to 185' west of Wolf Rd (0.97 mi); Mill and Overlay



2022 Pavement Rehabilitation Program North and South

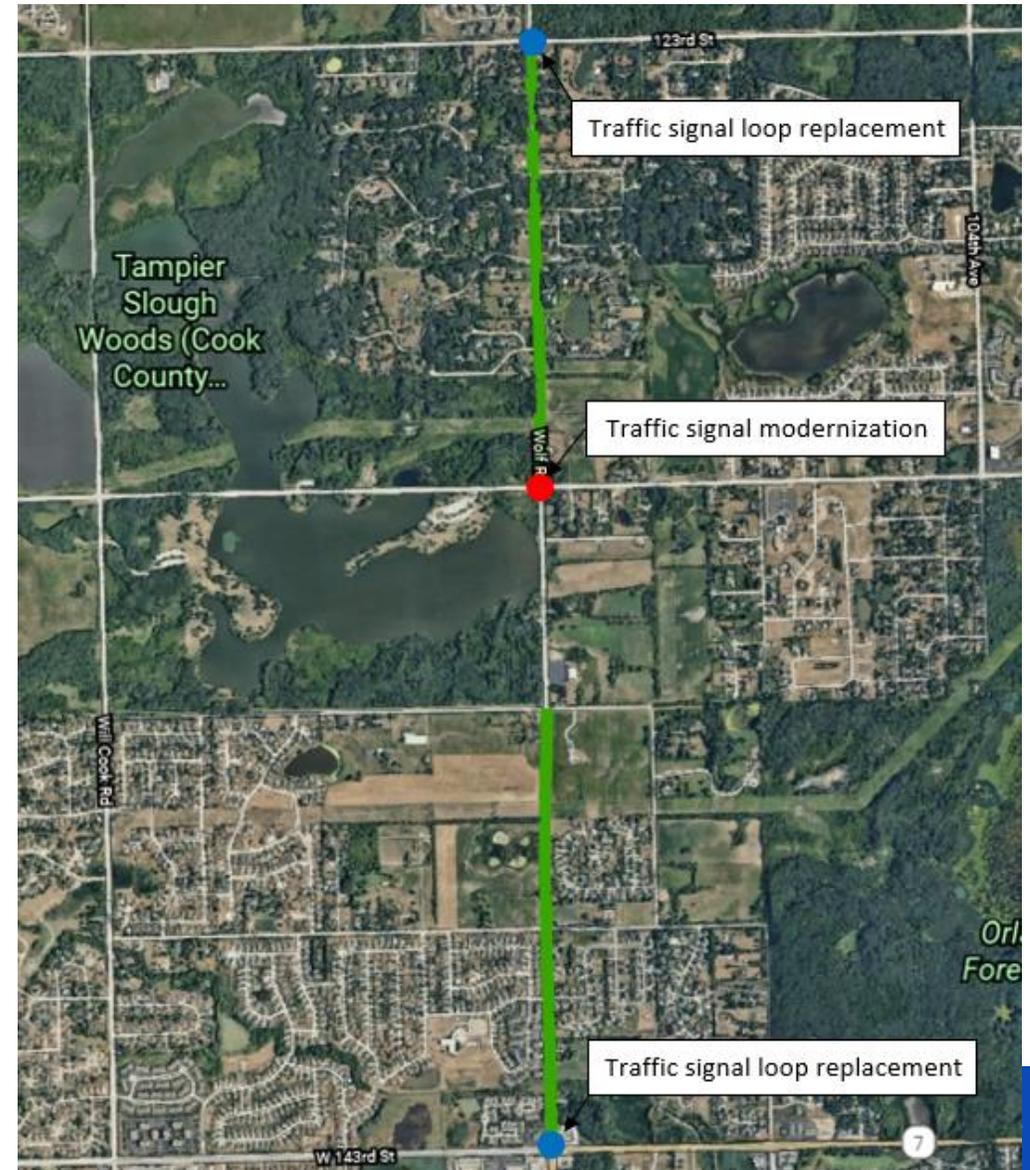
Tentative Locations

Villages of Palos Park and Orland Park in Palos and Orland Township

8. Wolf Rd - 143rd St to 135th St (1.00 mi); Mill and Overlay

9. Wolf Rd - 131st St to McCarthy Rd (1.01 mi); Mill and Overlay

New ADA ramps/crosswalk on the south leg of Wolf at Brigitte Terrace



2022 Pavement Rehabilitation Program North and South

Tentative Locations

City of Country Club Hills, Village of Flossmoor, Village of Homewood, City of Chicago Heights, Village of Olympia Fields in Rich and Bloom Townships.

10. Flossmoor Rd - Ridgeland Ave to 510' west of Kedzie Ave (3.86 mi); Mill and Overlay

11. Holbrook Rd - Dixie Hwy to Halsted St (1.38 mi); Mill and Overlay

12. Vollmer Rd - Western Ave to Dixie Hwy (0.92 mi); Mill and Overlay



2022 Pavement Rehabilitation Program North and South

Tentative Locations

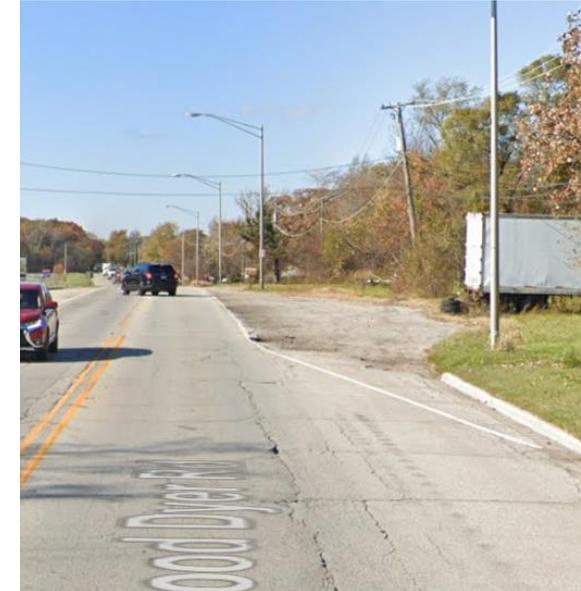
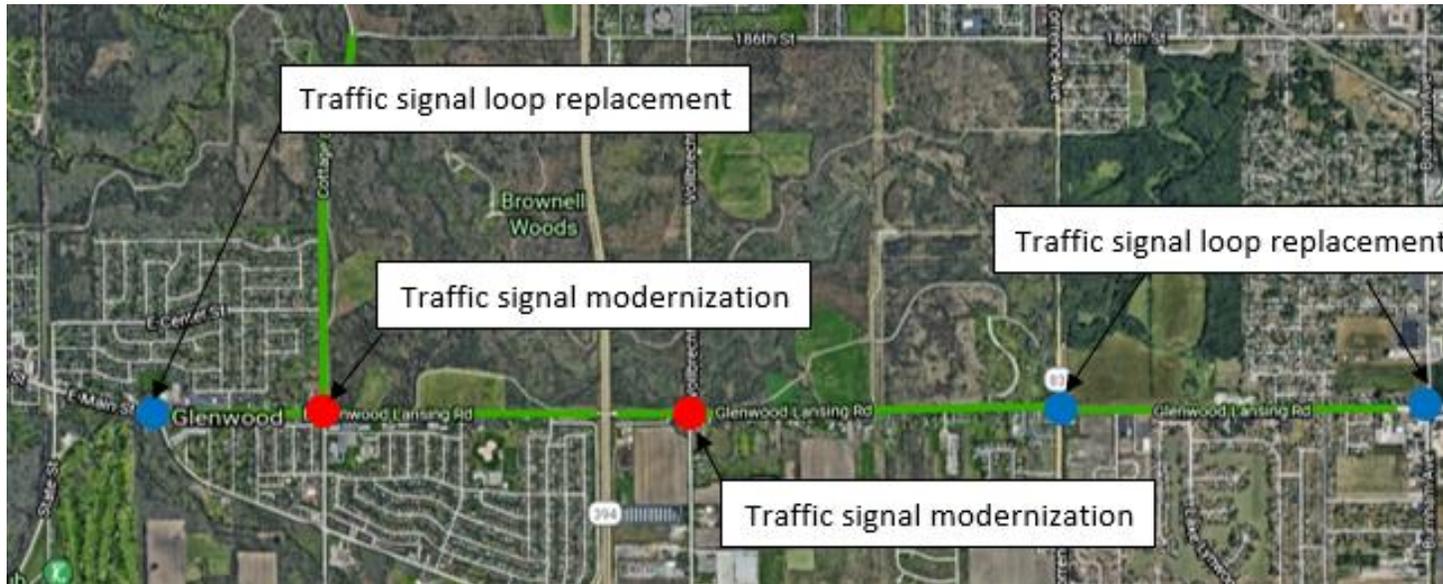
Village of Glenwood, Village of Lynwood, Village of Lansing in Bloom Township

13. Cottage Grove Avenue - 183rd St to Glenwood Lansing Rd (1.04 mi); Mill and Overlay

14. Glenwood Lansing Rd - Glenwood Dyer Rd to 85' west of IL-394 (1.20 mi); Mill and Overlay

15. Glenwood Lansing Rd - 130' east of IL-394 to 440' west of Burnham Ave (2.13 mi); Mill and Overlay

New ADA ramps and crosswalk on the east leg of the traffic signal at Cottage Grove Avenue and Glenwood Lansing Road. Fixing merge lane (shown on right)



2022 Pavement Rehabilitation Program North and South

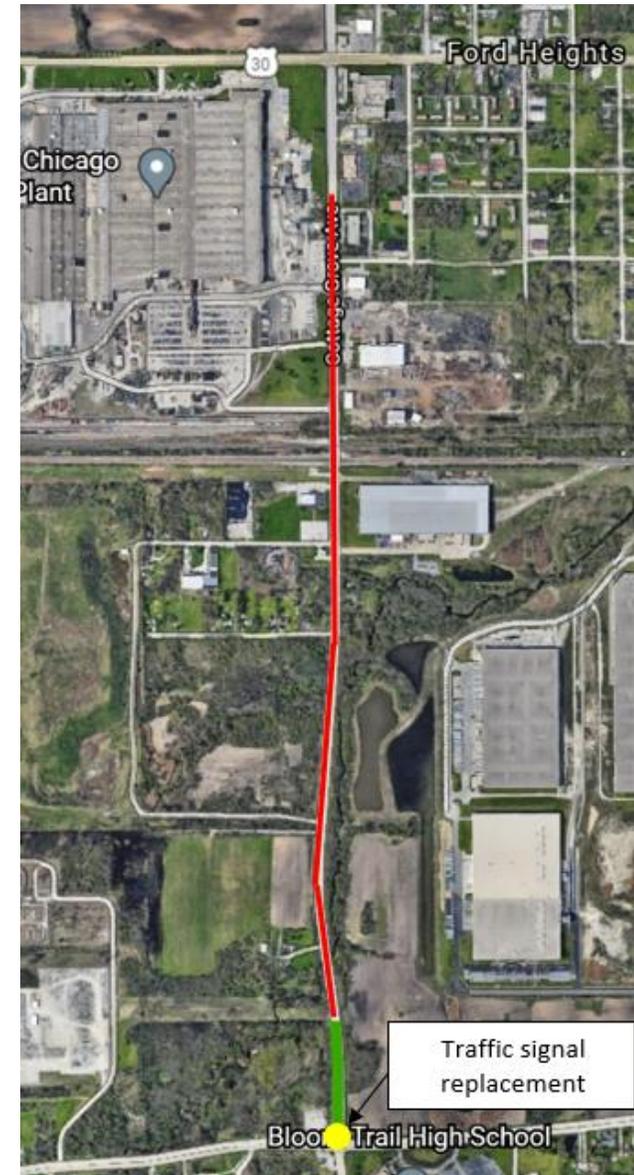
Tentative Locations

City of Chicago Heights, Village of Ford Heights, Village of Sauk Village, Village of Steger in Bloom Township.

16. Cottage Grove Ave - 385' north of 17th St to 850' north of Sauk Trail (1.06 mi); Grind with Patch or Edge Grind and Overlay with potential lane reconfiguration

17. Cottage Grove Ave - 850' north of Sauk Trail to Sauk Trail (0.16 mi); Mill and Overlay

Traffic signal replacement with new ADA ramps/crosswalks on all legs/corners at Cottage Grove & Sauk Trail



Thank you

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Design Bureau – Capital Projects Division



Utility Coordination Council
2021 Annual Conference

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Capital Projects Division Head

88th/Cork Ave – at I-294

Village of Justice

- 88th/Cork Ave widening
- Roadway reconstruction on 88th/Cork Ave, 79th Street, Oak Grove Ave, and Archer Ave
- Relocation of Industrial Drive
- A southbound entrance ramp, a northbound exit ramp between 88th/Cork Ave and I-294, and re-decking by others
- Right-of-way acquisition
- 2022 Letting



Joe Orr Road – Torrence Ave to Burnham Ave

Village of Lynwood

- New PCC pavement providing four 12' travel lanes and a 16' median
- Intersection channelization and traffic signals at Glenwood-Dyer Road and Burnham Avenue
- Storm sewer installation and detention pond construction
- Acquisition of temporary easements and right-of-way
- 2022 Letting



Busse Road – Golf Rd to Central Rd

Village of Mount Prospect

- Construction of an 11-foot through lane in each direction with a 12-foot center two-way left turn lane
- Construction of a 5-foot sidewalk on the west side of Busse Road
- Construction of an 8-foot shared-use path on the east side of Busse Road
- The proposed drainage includes an enclosed curb and gutter system
- 2023-2024 Letting



Central Road – Barrington Road to Huntington Blvd

Cities of Hoffman Estates & South Barrington

- Reconstruction of Central Road
- Extension of a 10-foot wide HMA shared-use path
- Installation of a median, curb & gutter, and turn lanes
- Drainage improvements
- Traffic signal modernization
- ROW acquisition
- Signing, pavement markings, landscaping
- 2023 Letting



Sanders Road – Milwaukee Ave to Techny Rd

Cities of Glenview & Northbrook

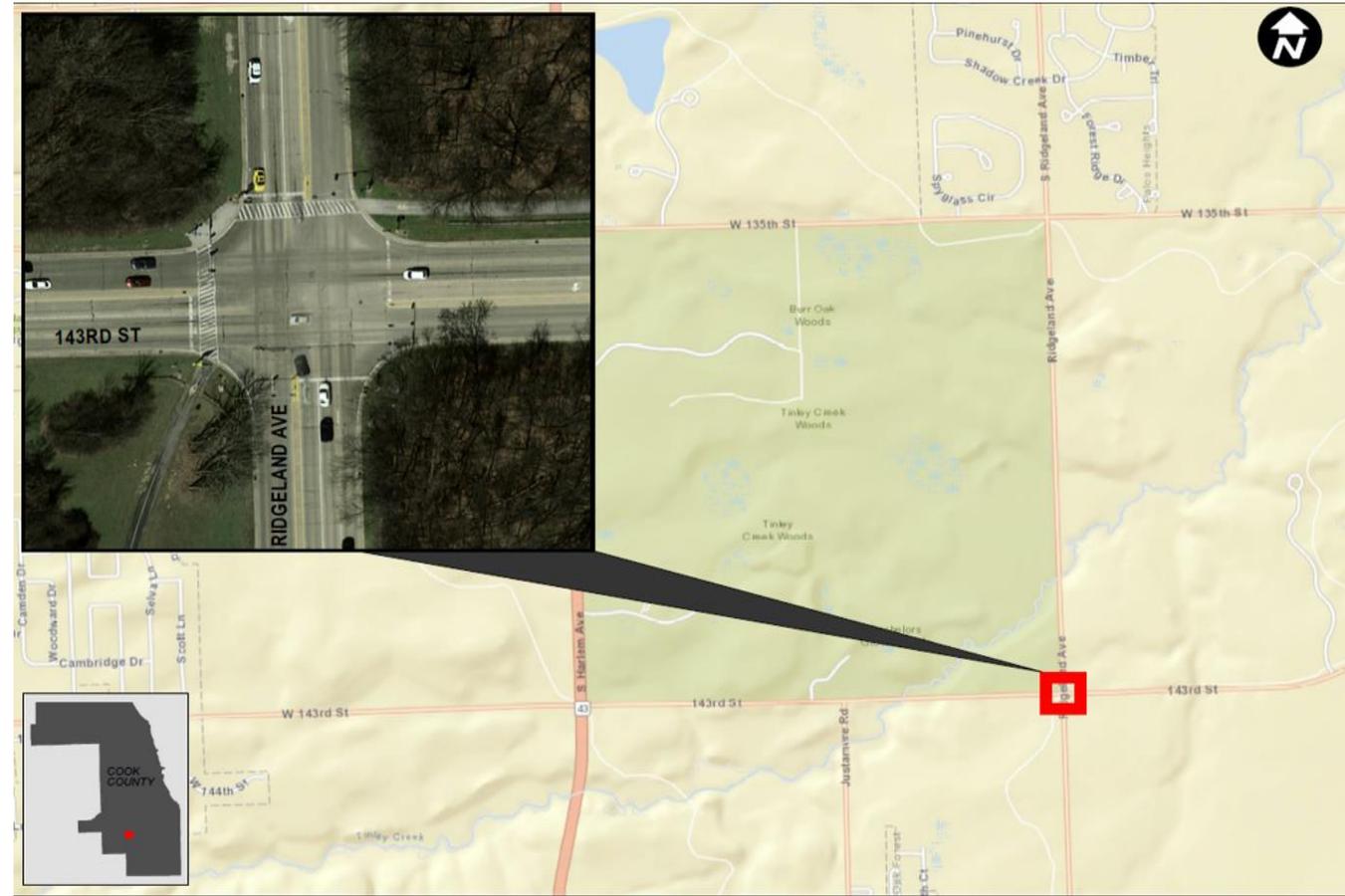
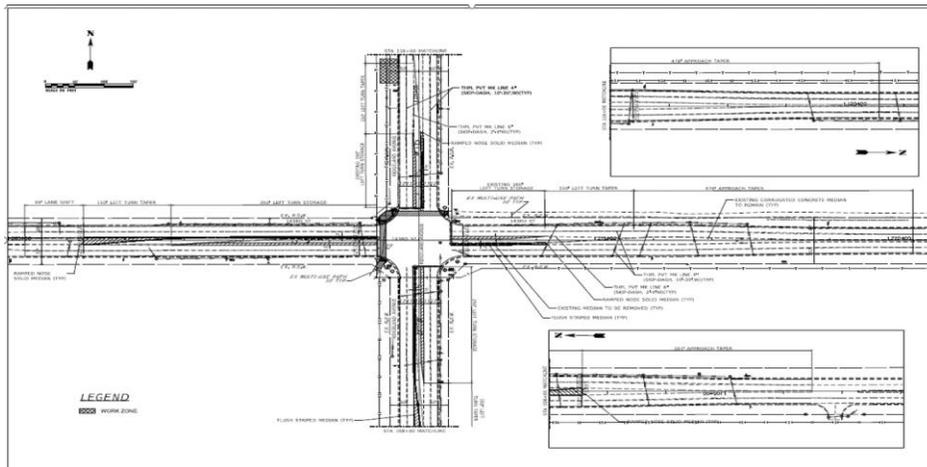
- Reconstruction of Sanders Road
- Construction of turn lanes at Winkleman Road intersection
- Traffic signal installation
- New 5-foot sidewalk & 8-foot shared-use path
- Drainage improvements
- ROW acquisition
- Signing, pavement markings, landscaping
- 2023 Letting



Ridgeland Avenue at 143rd St

Bremen Township

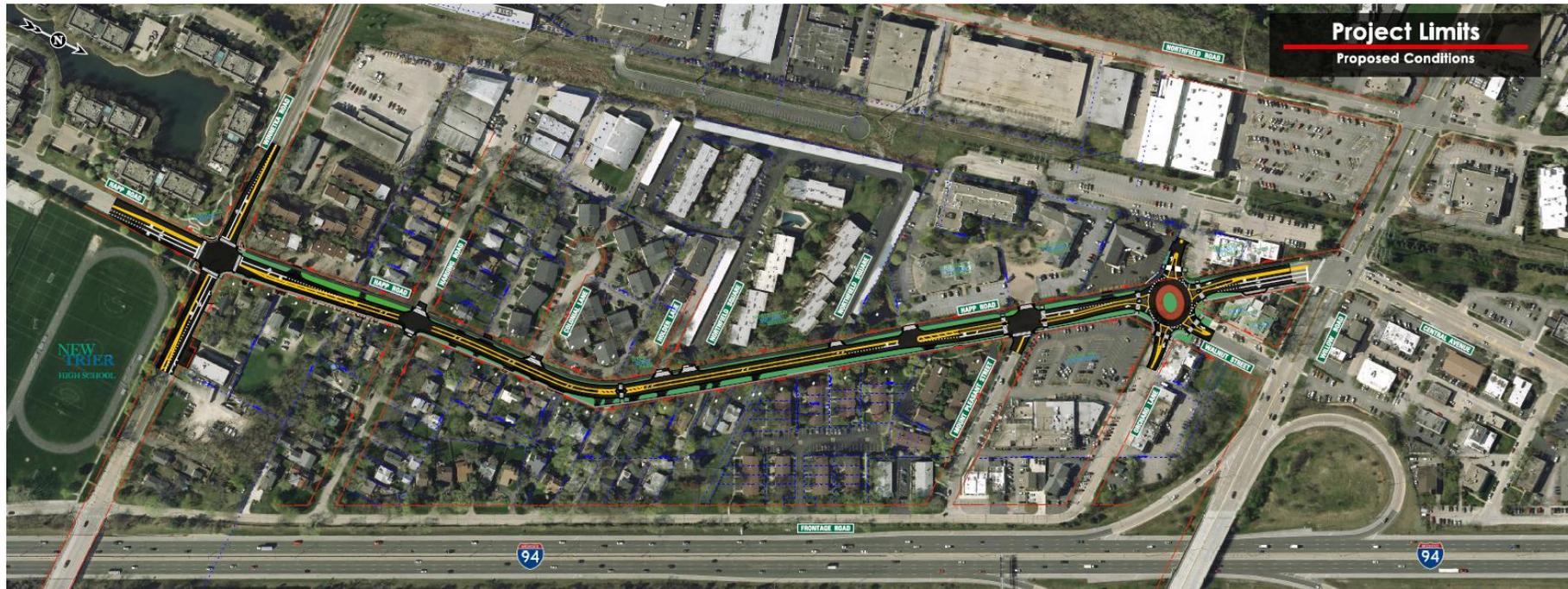
- Traffic Signal Modernization
- Adding New Mast Arms
- Larger 12" LED lenses with visors and reflective black plating
- Pedestrian countdown timers
- Push button at crosswalk termini
- Lighting Installation
- Installation of advance warning signs
- New Illuminated street name signs
- New highly reflective pavement marking
- 2022 Letting



Happ Road – Winnetka Rd to Willow Rd

Village of Northfield

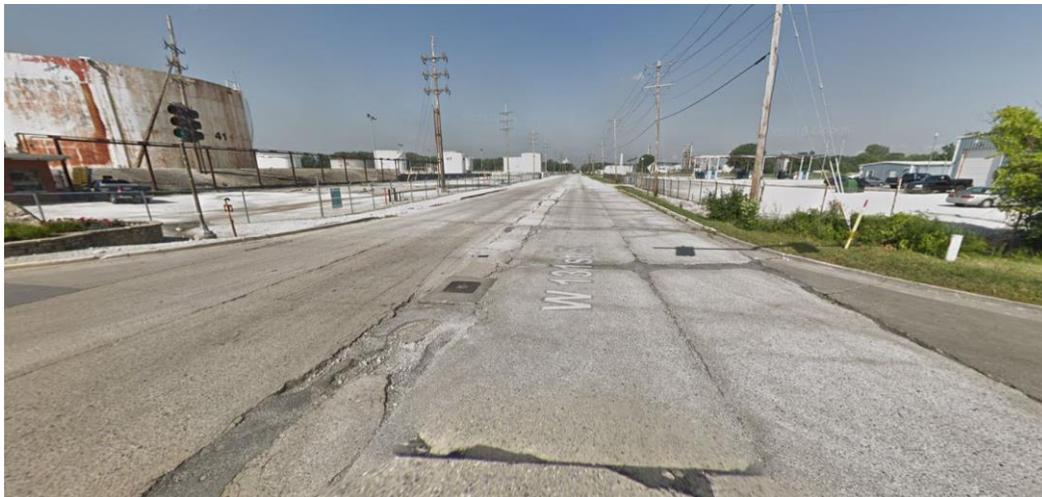
- Reconstruction and widening of Happ Road
- Conversion of Happ Road and Orchard Lane intersection into a five-leg roundabout
- Traffic signal installation
- New shared use path on the west side of Happ and sidewalk on the east side
- Drainage improvements
- 2023 Letting



131st Street – Pulaski Rd to Kedzie Ave

Village of Alsip

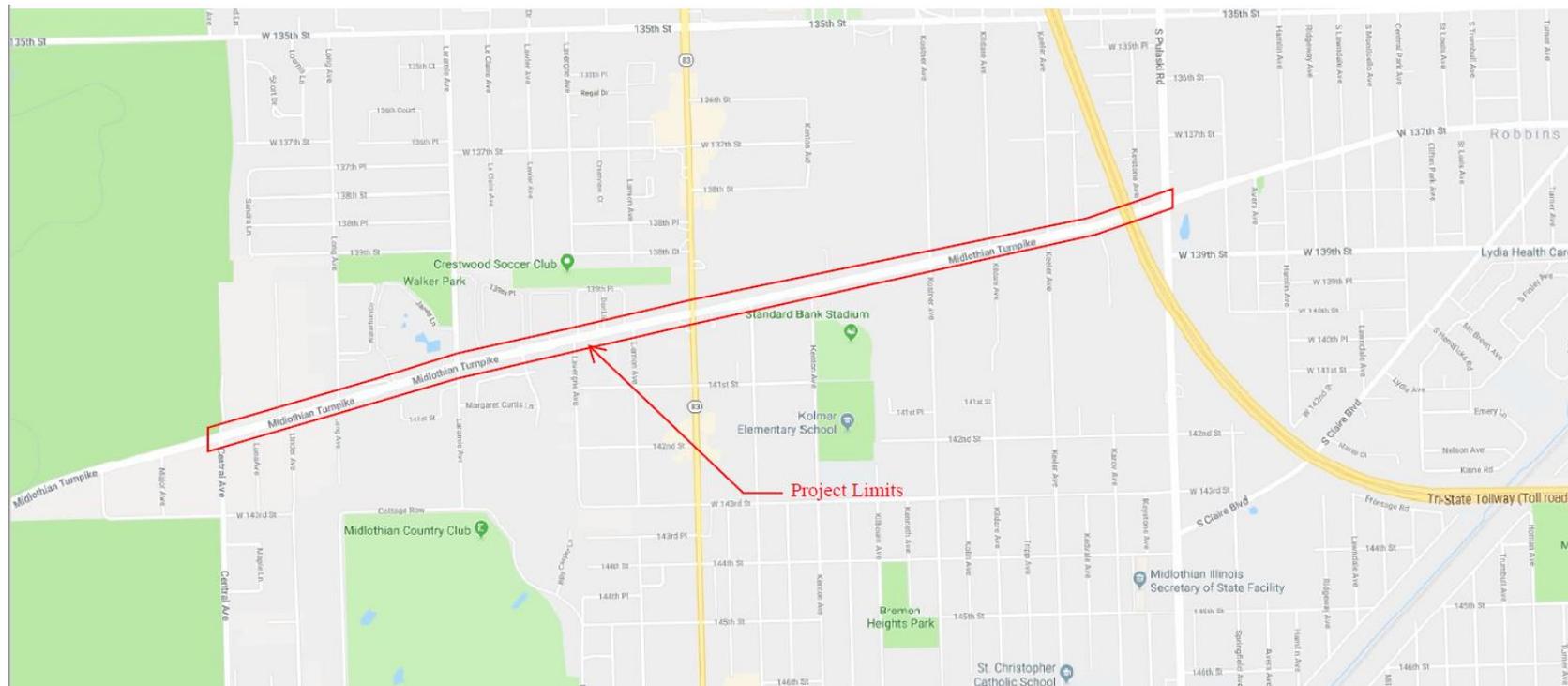
- Reconstruction of 131st Street to approximately 420' east of Kedzie Avenue with one 13-foot lane in each direction.
- Curb and gutter and an enclosed drainage system.
- Construction of a 10-foot shared-use-path along the south side of 131st.
- At Kedzie Avenue, the existing geometrics will be revised to provide for protected left turn channelization.
- 2023 Letting, pending funding availability



Midlothian Turnpike – Central Ave to Pulaski Rd

Village of Crestwood

- Construction of a 5-foot wide sidewalk with a minimum of 2-foot parkway on the North and South side of Midlothian Turnpike.
- Installation of retaining walls at various locations along the corridor.
- Crosswalk markings and ADA compliant sidewalk ramps.
- 2021 Letting.



Thank you

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Construction Bureau (North)



Utility Coordination Council
2021 Annual Conference

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Aaron Lebowitz, P.E.
North Area Construction Supervising Engineer

2021 Construction Improvements

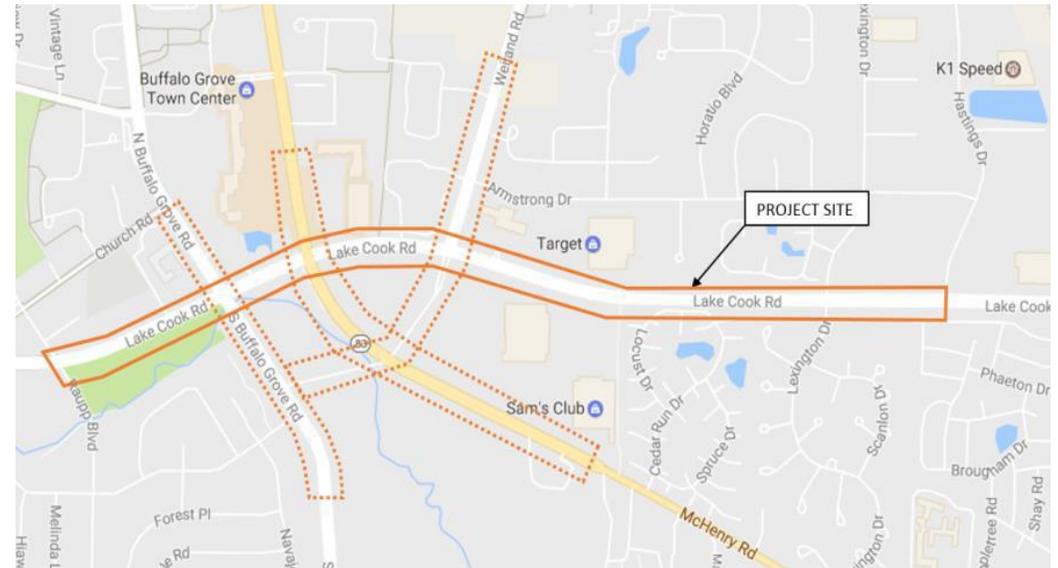
- Reconstruction
- Bridge Improvement
- Pavement Preservation and Rehabilitation
- Pavement Maintenance
- Intersection Improvement

Lake Cook Road – Raupp Blvd to Hasting Ln

Villages of Buffalo Grove and Wheeling

- Reconstruction and widening
- Weiland Road extension
- Widening and deck replacement
- Bike path
- Sidewalk
- Traffic signal improvements
- Street lighting

**CONSTRUCTION
ONGOING**

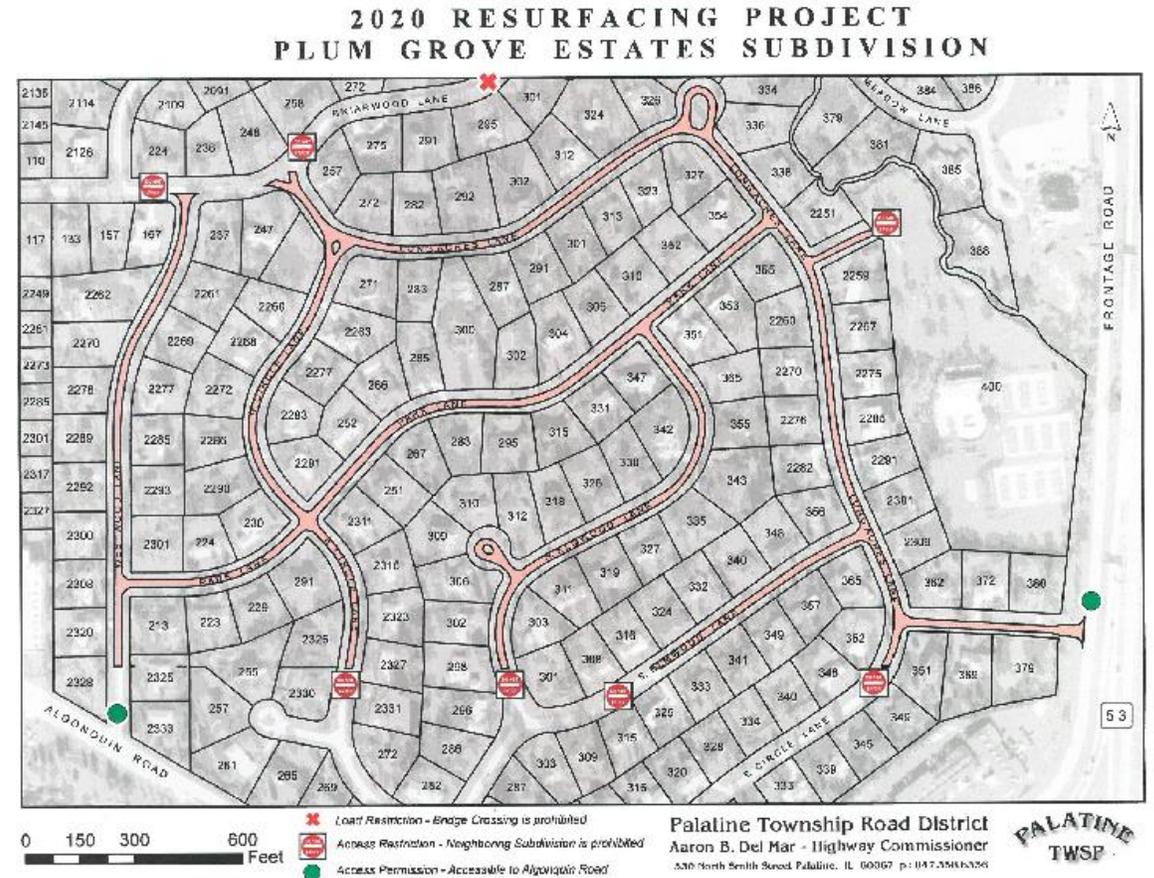


Plum Grove Estates Subdivision

Village of Palatine

- Asphalt surface removal and resurfacing at:
 - Longacres Lane
 - S. Elmwood Lane
 - N. Elmwood Lane
 - N. Circle Lane
 - S. Circle Lane
 - Park Lane
 - Westwood Lane

**PROJECT LETTING
SUMMER 2021**



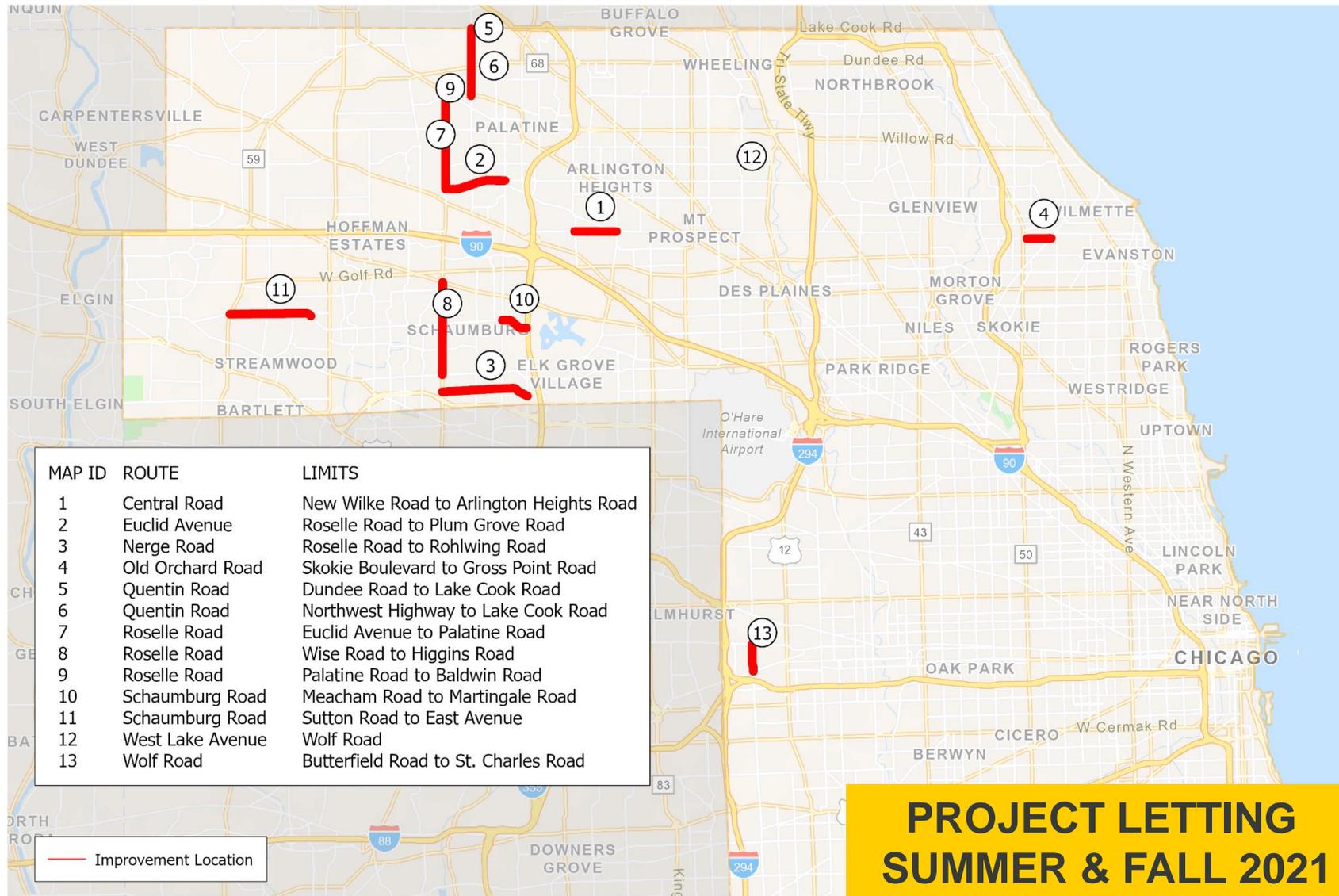
North Pavement Preservation, Rehabilitation and Maintenance

- Central Road - New Wilke to Arlington Heights Road
- Euclid Avenue - Roselle Road East to Plum Grove Road
- Nerge Road - Roselle Road to Rohlwing Road
- Old Orchard Road - Skokie Blvd. to Gross Point Road
- Quentin Road - W. Dundee Road to Lake Cook Road
- Quentin Road - W. Northwest Highway to W. Dundee Road
- Roselle Road - Euclid Road to Palatine Road
- Roselle Road - E. Wise Road to E Schaumburg Road
- Roselle Road - E. Schaumburg Road to E. Higgins Road
- Roselle Road - W. Palatine Road to Baldwin Road
- Schaumburg Road - Meacham Road to Martingale Road
- Schaumburg Road - Sutton Road to East Avenue
- West Lake Avenue @ Wolf Road
- Wolf Road - Butterfield to St Charles

Scope of Work Includes:

- PCC & HMA pavement patching
- HMA removal and resurfacing
- ADA and sidewalk upgrades

North Side Pavement, Preservation and Maintenance



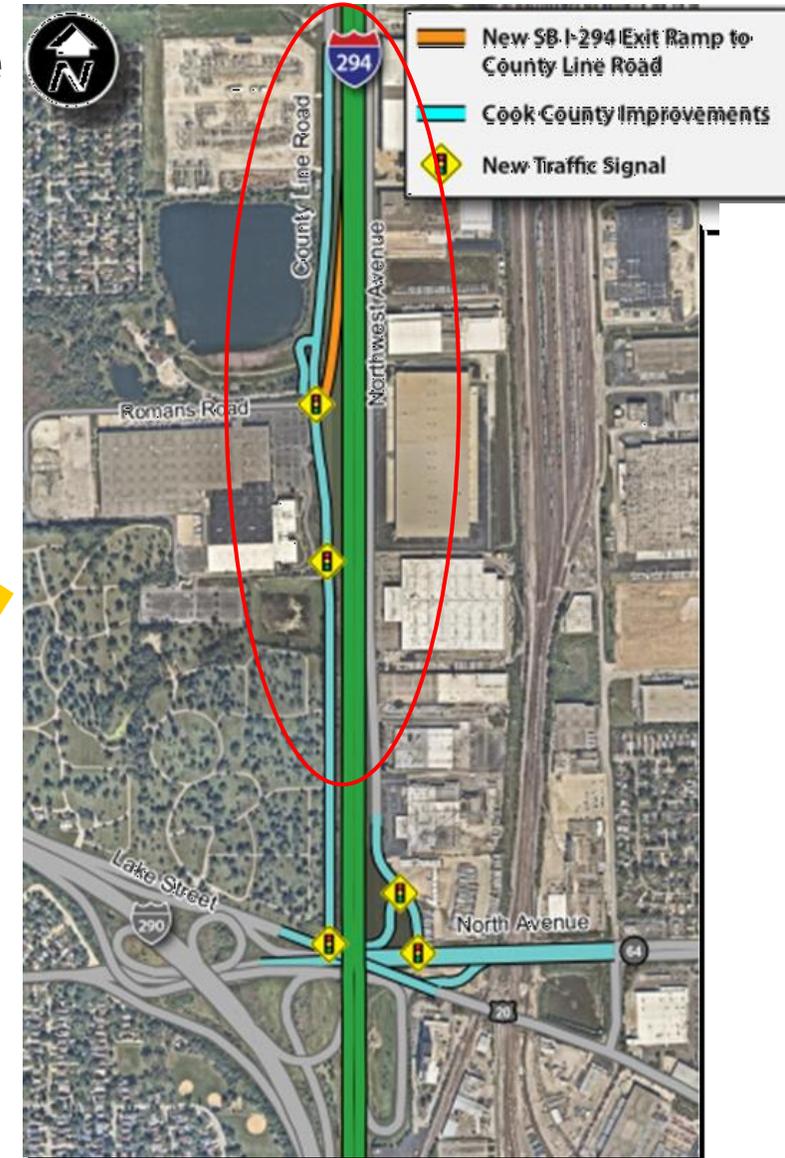
County Line Road – Grand Ave to North Ave

City of Elmhurst

- Reconstruction and realignment of County Line Road
- Connection to future SB exit ramp from I-294
- Drainage Improvements
- Installation of retaining walls
- New Traffic Signals



**PROJECT
LETTING
FALL 2021**



Skokie Valley Trail – Lake Cook Rd to Voltz Rd

Village of Northbrook

- New trail from Lake Cook Rd to Dundee Rd
- Construct steel truss bridge over Lake Cook Rd
- New trail crossing at Dundee Rd and Midway Rd
- Widen trail from Dundee Rd to Voltz Rd
- Realign trail crossing at Sunset Ridge Rd

**PROJECT
LETTING
FALL 2021**



North Cook County Bridge Projects

Villages of Deerfield, Glenview, Willow Springs and City of Des Plaines

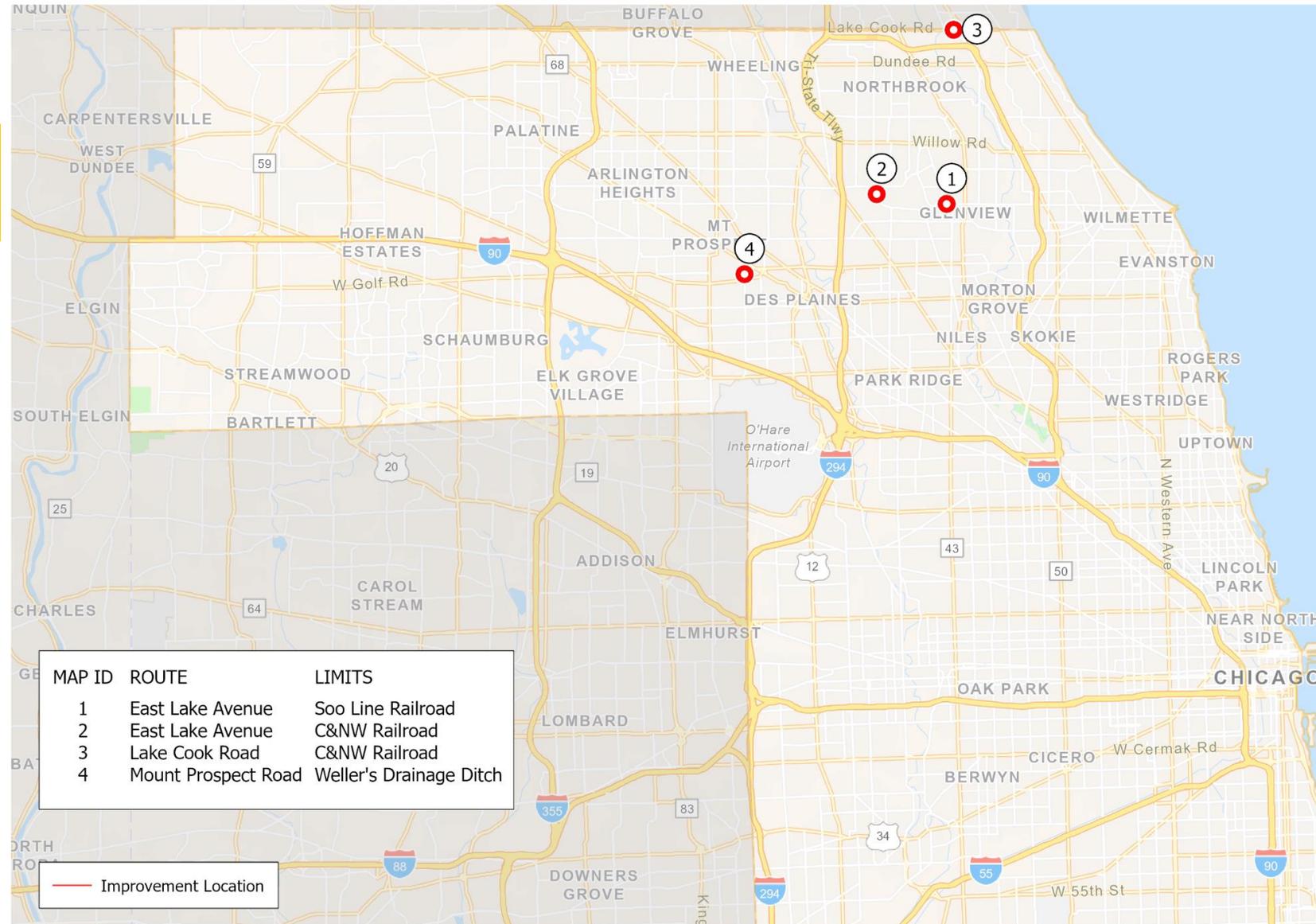
- East Lake Avenue @ SOO Line RR
- East Lake Avenue @ C&NW RR
- Lake Cook Road @ C&NW RR
- Mount Prospect Road over Weller's Drainage Ditch

Scope of work includes:

- Cleaning and Painting of Structures
- Removal & replacement of Expansion Joints
- Concrete and misc. steel repairs
- Removal & replacement of latex overlay
- Guardrail repair

North Side Bridges

**PROJECT LETTING
FALL 2021**

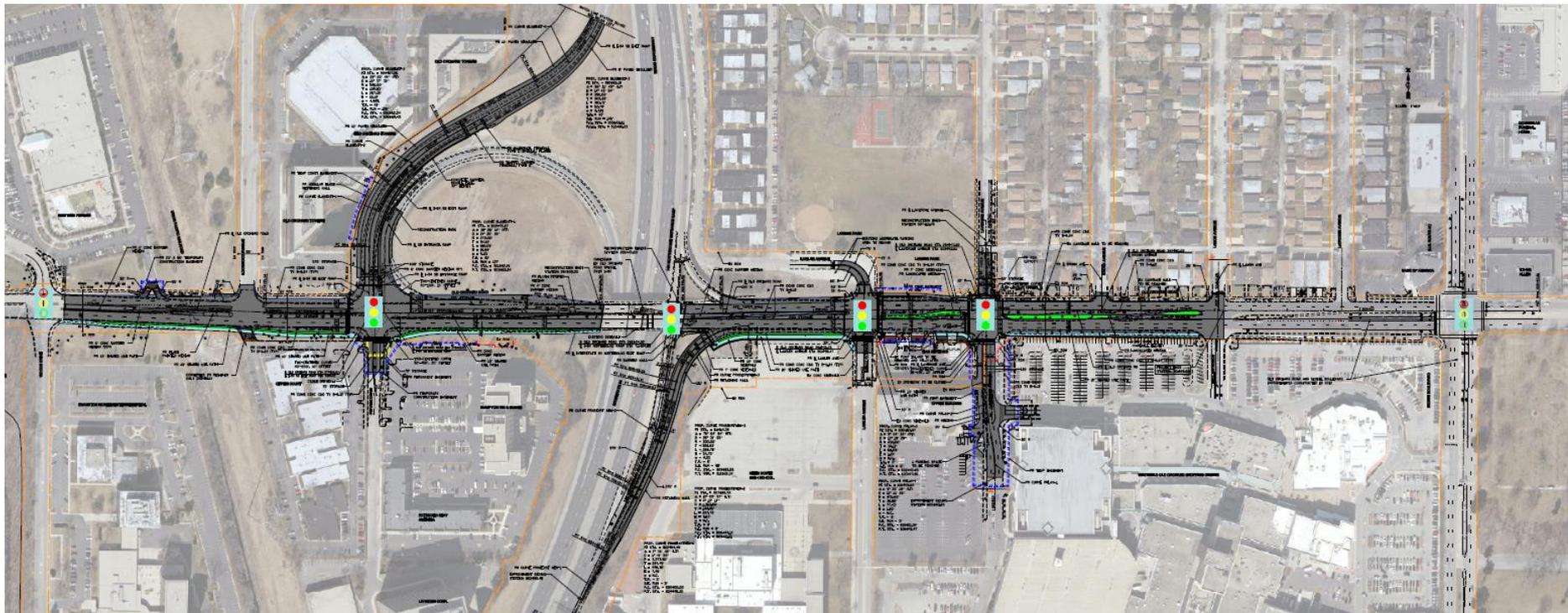


Old Orchard Road – Woods Dr to Skokie Blvd

**PROJECT
LETTING
SPRING 2022**

Village of Skokie

- Reconstruction and widening near I-94 and Old Orchard Mall
- Storm sewer installation
- New traffic signals and street lighting
- Bridge replacement and retaining wall
- Multi-use path construction

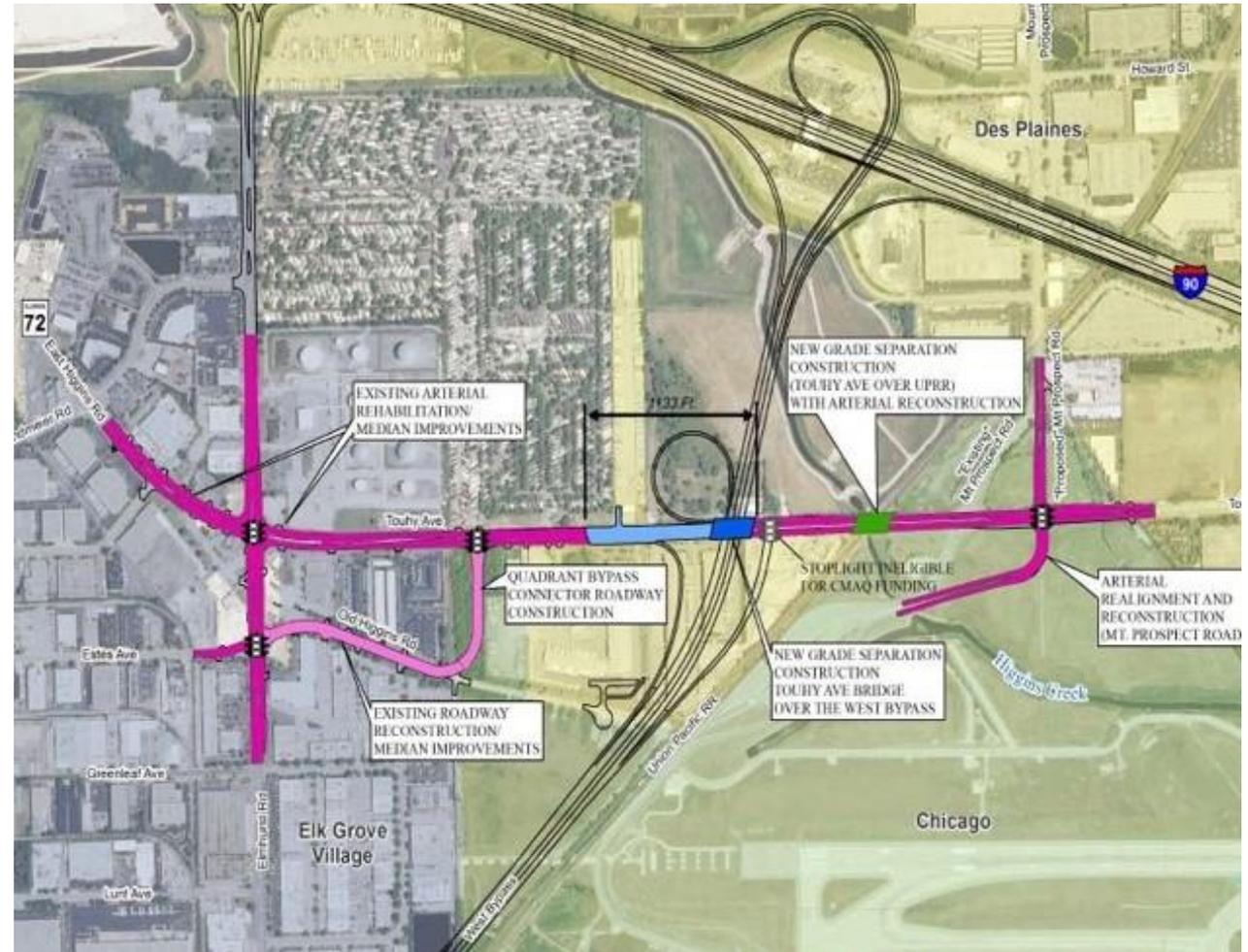


Touhy Avenue – Elmhurst Rd to Mt. Prospect Rd

Cities of Chicago, Des Plaines and Elk Grove Village

- Old Higgins Road Bypass
- New traffic signals & street lighting
- New grade separations at UPRR & at I-490
- Realign Mt. Prospect Road
- New detention ponds & drainage infrastructure
- Construct multi-use path & PACE bus pads

**PROJECT
LETTING
SPRING 2022**

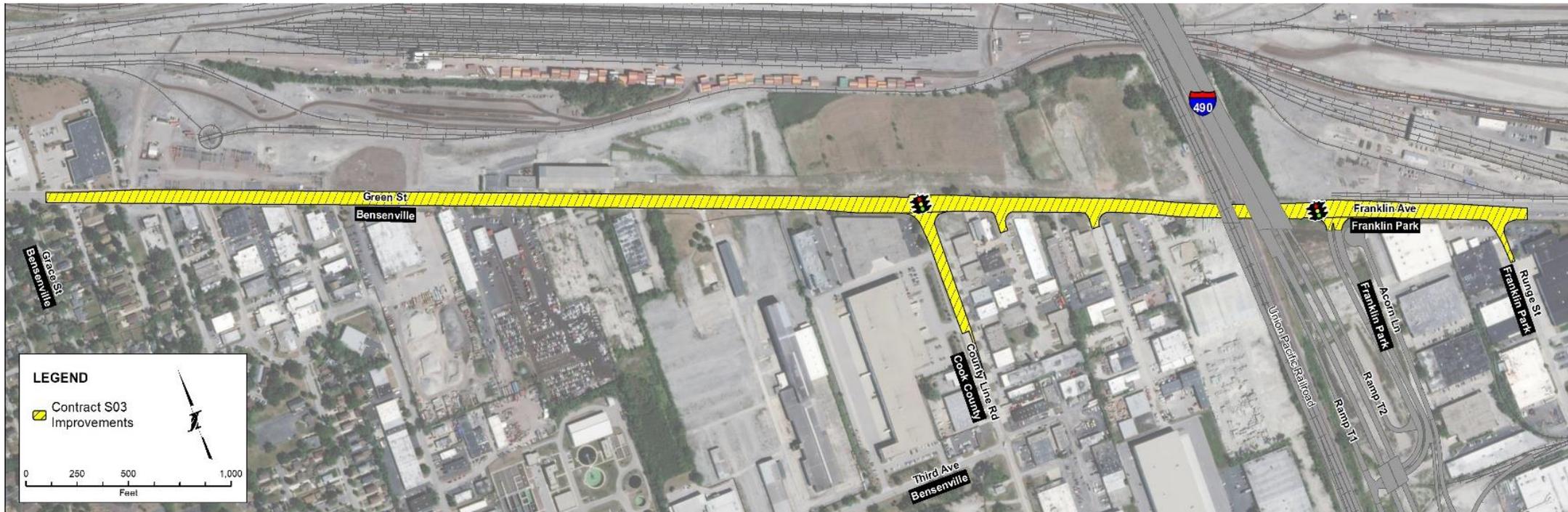


Franklin Avenue/Green Street – Grace St to Runge St

Village of Bensenville

- Reconstruct and widen Pavement
- Drainage & water main improvements
- Construction of a multi-use path
- New traffic signals and roadway lighting
- Site Clearing and grading

**PROJECT
LETTING
SPRING 2022**



Construction Bureau (South)



Utility Coordination Council
2021 Annual Conference

Holly Chicy, P.E.

Bureau Chief of Construction

Joseph Barrins

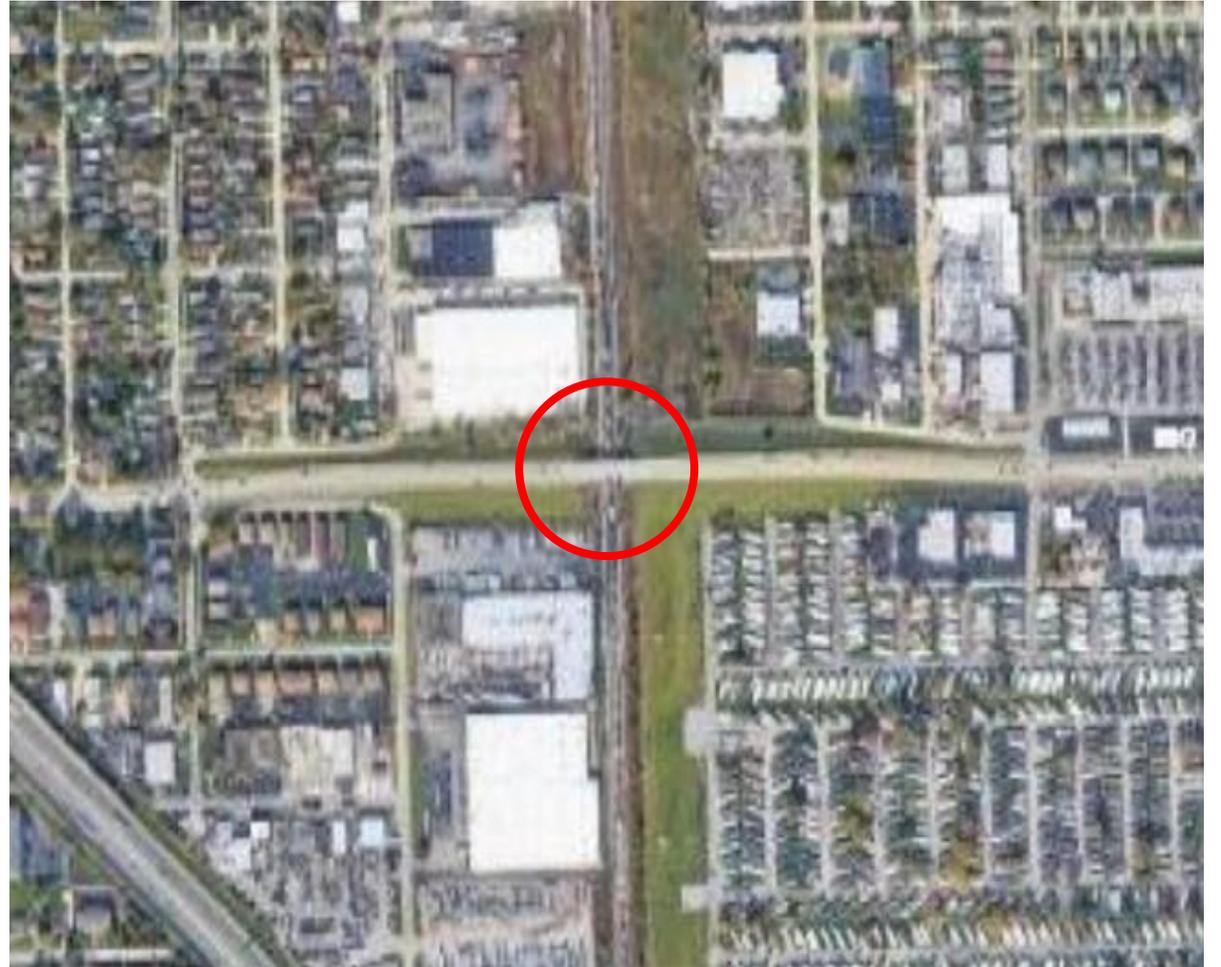
South Area Construction Manager

87th Street – Over BOTC Railroad

Village of Bridgeview

- Remove and replace existing bridge deck
- Convert to Semi-Integral Abutments
- Clean and paint the existing steel girders.

**PROJECT LETTING
FALL 2021**



175th Street – Ridgeland Ave to Oak Park Ave

Village of Tinley Park

- Reconstruct the roadway to provide an urban cross section
- Improved access to side streets and driveways along with closed drainage system
- Improvements to pedestrian and bicycle facilities



151st Street – Over Boca Rio Ditch

City of Oak Forest

- Culvert Replacement on 151st Street
- Channel Improvement along Boca Rio Drive

**PROJECT LETTING
FALL 2021**



South Cook County Bridge Repairs

Villages of Burr Ridge, Crestwood, Palos Heights and Robbins

Cal-Sag Channel Bridges:

- 104th Avenue
- Crawford Avenue
- Francisco Avenue
- Ridgeland Avenue

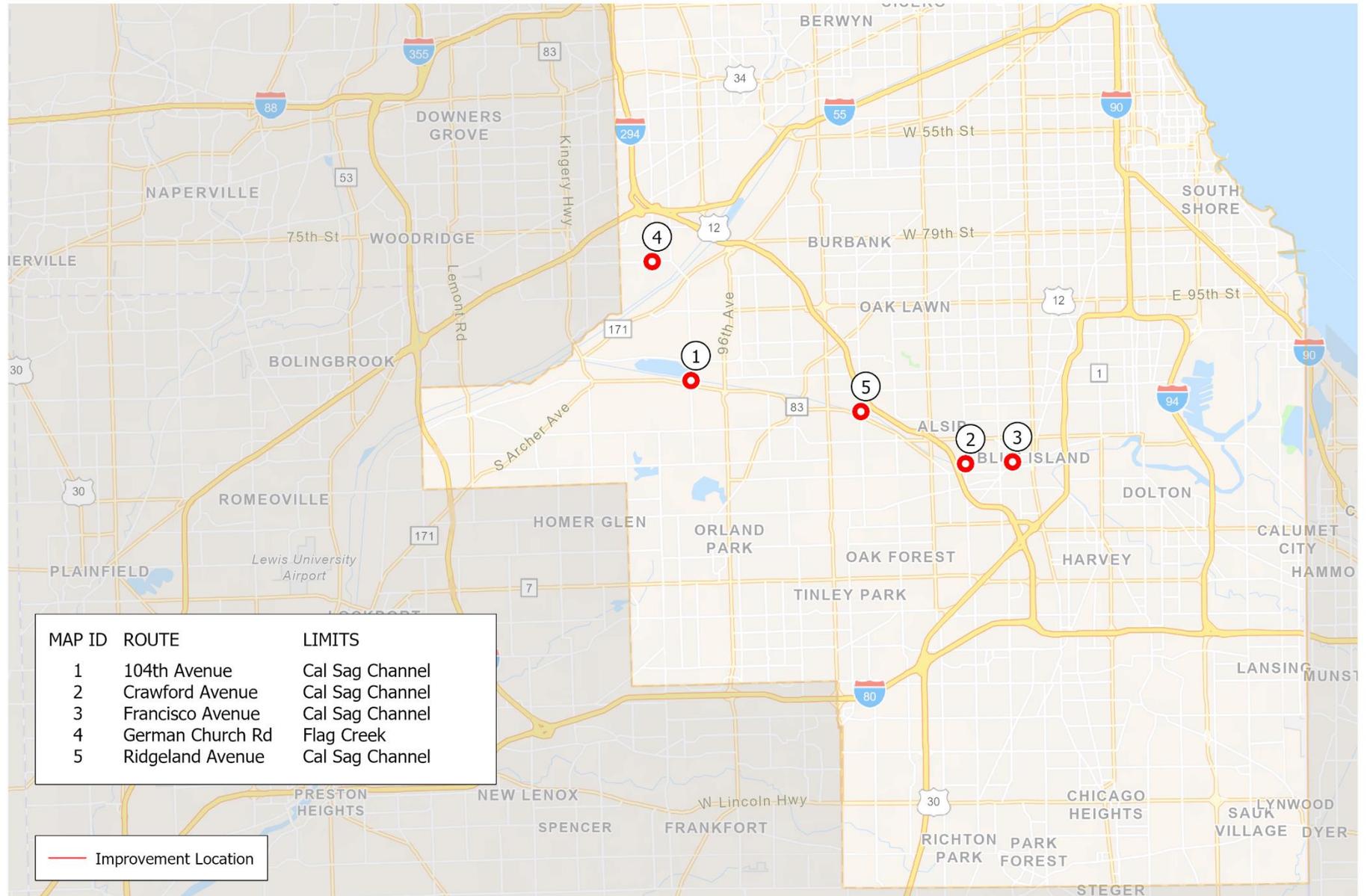
German Church over Flag Creek

Scope of work includes:

- Rehabilitate expansion joints, overlays, structural concrete, guardrail and traffic barrier terminals
- Strengthen the steel truss

South Side Bridges

PROJECT LETTING
Fall 2021



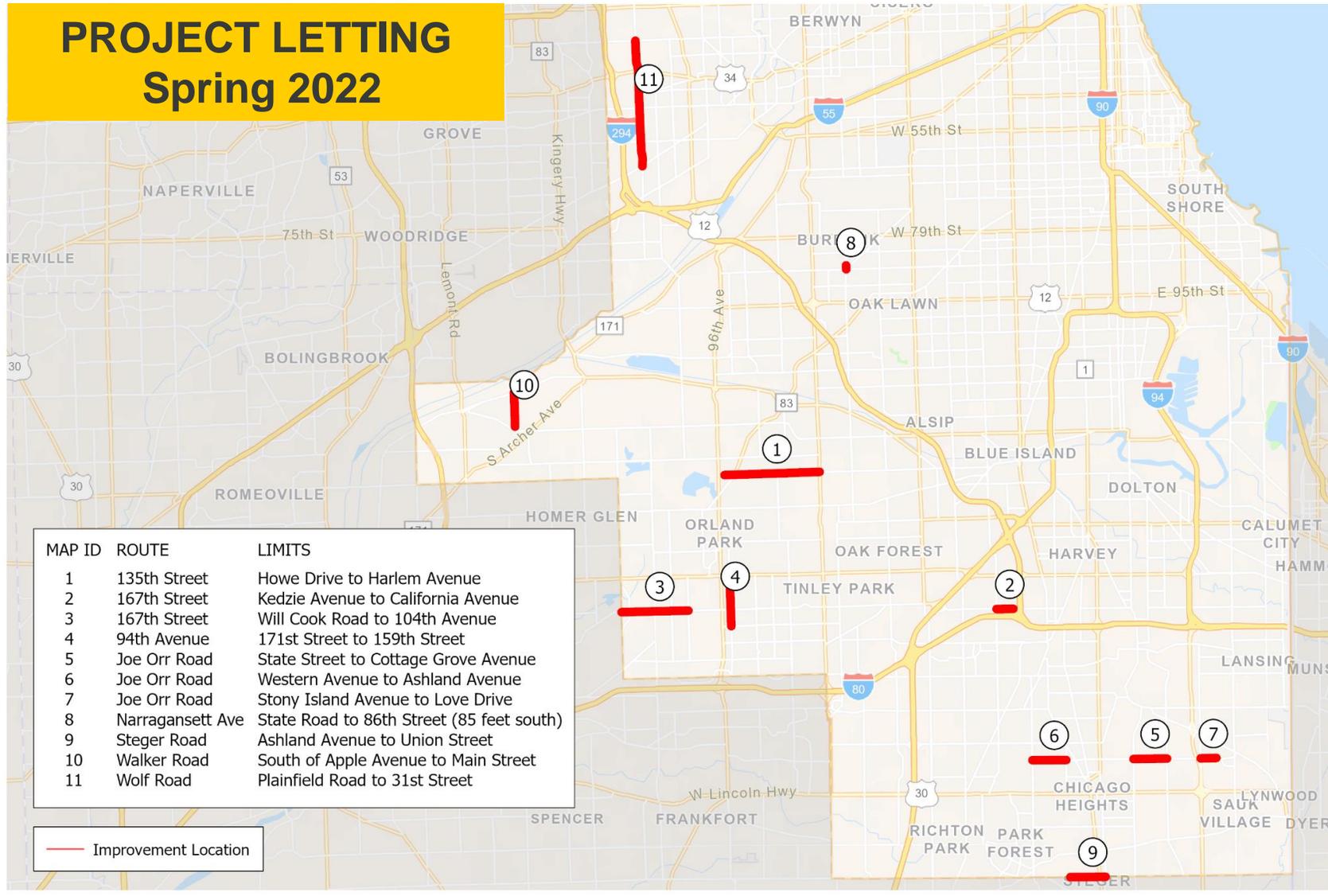
South Pavement Preservation, Rehabilitation and Maintenance

- 135th Street - Howe Drive to S Harlem Avenue
- 167th Street - Kedzie Avenue to California Avenue
- 167th Street- Will/Cook County limits to 104th Ave
- 94th Avenue - 171st Street to W. 159th Street
- Joe Orr Road - State Street to Cottage Grove Avenue
- Joe Orr Road - Western Avenue to Ashland Avenue
- Joe Orr Road - Stony Island to Love Drive
- Narragansett Ave - State Road to 86th Street
- Steger Road - Union Street to Ashland Ave
- Walker Road – South of Apple Ave to Main Street
- Wolf Road - Plainfield Road to 31st Street

Scope of Work Includes:

- PCC & HMA pavement patching
- HMA removal and resurfacing
- ADA and sidewalk upgrades

South Side Pavement, Preservation and Maintenance



Thank you

Holly Cichy, P.E.
Bureau Chief of Construction
Holly.Cichy@CookCountyil.gov

Alicia Pitlik, P.E.
Construction Manager (North)
Alicia.Pitlik@CookCountyil.gov
(312) 603-4358

Aaron Lebowitz, P.E.
Supervising Engineer (North)
Aaron.Lebowitz@CookCountyil.gov
(312) 603-1968

Joseph Barrins
Construction Manager (South)
Joseph.Barrins@CookCountyil.gov
(312) 603-5664



Construction Bureau- Permits



Utility Coordination Council
2021 Annual Conference

Holly Cichy, P.E.

Bureau Chief of Construction

Jack Bielak, P.E.

Permits Manager

Permits Division Staff

- Office Staff:
- Division Head: Michael Sterr
- Office Engineers: Peter Myung, Antonio Santodomingo, Utpal Gandhi, Octavio Padilla, Armando Ortiz.
- Engineer Assistant: Varrick Buckner and Administrative Assistant: Anita Armstrong
- Field Staff: Terry Matthews (Supervisor), Charles Stevenson and Jovimar Vilorio

Permits Division Contact Information

Email: hwy.permits@cookcountyil.gov

Phone: (312) 603-1670

Address: Cook County Department of
Transportation and Highways
Permit Office
69 W. Washington Street, 24th Floor
Chicago, Illinois 60602-3007

Website: <https://www.cookcountyil.gov/service/construction-permits-online-payment>

**CONSTRUCTION / MAINTENANCE
HIGHWAY PERMIT**

REVISED BOND/PROCESS

INSURANCE SUBMITAL PREFERENCE

**ALL UTILITIES EMERGENCY REPAIR /MAINTENANCE
PERMITS**

COOK COUNTY TRAFFIC SIGNALS

ADA

WINTER MORATORIUM

FUTURE STREAMLINE PERMITS GOALS

Construction/ Maintenance Highway Permit

Office Use Only:	Permit No.:	Opened By:	
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COOK COUNTY HIGHWAY DEPARTMENT PERMIT APPLICATION

Cook County Department of Transportation and Highways Permits Office
George W. Dunne Cook County Office Building
69 W. Washington, 24th Floor, Chicago, Illinois 60602

312.633.1670
312.633.9943
hwy.permits@cookcountyil.gov

Print clearly or Type all information requested. Incomplete applications will NOT be accepted.

Application Fee: \$	Fee Receipt #:
---------------------	----------------

24hr Emergency Contact Name: _____ **Phone Number:** _____

Cook County Permits requires a 24hr emergency contact name and phone number for 24hr response if an off-hour hazard is called into Cook County and is the Hazard is tied to this permit work. This can be an Owner, Engineer/Architect or Contractor number.

Owner:

Name: _____
(Legal Name of Company/Owner) (Contact Name/Title)

Mailing: _____
Address City State Zip

Phone: _____ Email _____

Engineer/Architect: (Primary Firm Assigned to prepare Civil Engineering Plans)

Name: _____
(Legal Name of Company/Owner) (Contact Name/Title)

Mailing: _____
Address City State Zip

Phone: _____ Email _____

General Contractor: (Contractor assigned to oversee all the work requested in this permit)

Name: _____
(Legal Name of Company/Owner) (Contact Name/Title)

Mailing: _____
Address City State Zip

Phone: _____ Email _____

Owner of Existing Water Main: (Required if proposing water connection)

Name: _____
(Legal Name of Company/Owner) (Contact Name/Title)

Mailing: _____
Address City State Zip

Phone: _____ Email _____

Owner of Existing Sanitary Sewer: (Required if proposing sanitary connection)

Name: _____
(Legal Name of Company/Owner) (Contact Name/Title)

Mailing: _____
Address City State Zip

Phone: _____ Email _____

Revised 2020/11
Page 1 of 2

Office Use Only:	Permit No.:	Opened By:	
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COOK COUNTY HIGHWAY DEPARTMENT PERMIT APPLICATION

Cook County Department of Transportation and Highways Permits Office
George W. Dunne Cook County Office Building
69 W. Washington, 24th Floor, Chicago, Illinois 60602

312.633.1670
312.633.9943
hwy.permits@cookcountyil.gov

Project Location: (Complete all information. Print or type clearly.)

Property Address: _____

Site City or Cities: _____

County Hwy(s)/ Hwy Section #(s): _____

1. CHOOSE HIGHWAY

See Cook County Jurisdiction map for County Route Name(s) and Hwy Section #(s). Note, Cook County Jurisdiction Routes are solid red on the jurisdiction map. [Click Here For Map.](#)

Locations to nearest cross street: _____

Description of Work: _____

Within Cook County ROW
At least street if need room

Proposed Work: (Check all items that apply within Cook County ROW only)

Entrance/Access <input type="checkbox"/> Entrance Commercial New, Modify, Rem and/or Repl <input type="checkbox"/> Entrance Residential New, Modify, Rem and/or Repl <input type="checkbox"/> Entrance Street New, Modify, Rem and/or Repl <input type="checkbox"/> Entrance Temp Construction, Temp Access <input type="checkbox"/> Curb and Gutter New, Modify, Rem and/or Repl <input type="checkbox"/> Storm Street/Pipe Culvert and Appurtenances New, Modify, Rem and/or Repl	Utilities <input type="checkbox"/> Water Main and Appurtenances New, Modify, Rem and/or Repl <input type="checkbox"/> Water Service New, Modify, Rem and/or Repl <input type="checkbox"/> Sanitary Sewer and Appurtenances New, Modify, Rem and/or Repl <input type="checkbox"/> Sanitary Sewer Force Main and Appurtenances New, Modify, Rem and/or Repl <input type="checkbox"/> Sanitary Service Line, Modify, Rem and/or Repl	Landscaping/Plantings <input type="checkbox"/> Parkway/Median Trees New, Rem and/or Repl <input type="checkbox"/> Parkway/Median Plantings New, Rem and/or Repl Lighting <input type="checkbox"/> Curb/Production <input type="checkbox"/> Roadway Reconstruction <input type="checkbox"/> Roadway Widening <input type="checkbox"/> Roadway Modification	Other Work <input type="checkbox"/> Sidewalk New, Modify, Rem and/or Repl <input type="checkbox"/> Slope Paving New, Modify, Rem and/or Repl <input type="checkbox"/> Multiple Paving New, Modify, Rem and/or Repl ADA Improvements <input type="checkbox"/> Pedestrian Curb Ramps <input type="checkbox"/> Crosswalks <input type="checkbox"/> Pedestrian Signal/Push Buttons
Traffic Control/Signage <input type="checkbox"/> Lane Closure <input type="checkbox"/> Road Closure <input type="checkbox"/> Detour <input type="checkbox"/> Storage Construction <input type="checkbox"/> Storage Permanent New, Modify, Rem and/or Repl <input type="checkbox"/> Permanent Marking New, Modify, Rem and/or Repl <input type="checkbox"/> Reflective Permanent Markers New, Modify, Rem and/or Repl	Other Construction Only <input type="checkbox"/> Power Pole New, Modify, Rem and/or Repl <input type="checkbox"/> Cable/Pole New, Modify, Rem and/or Repl <input type="checkbox"/> Cable/Pole and Conduit New, Modify, Rem and/or Repl <input type="checkbox"/> Gas Main New, Modify, Rem and/or Repl <input type="checkbox"/> Gas Service New, Modify, Rem and/or Repl <input type="checkbox"/> Tree Trimming <input type="checkbox"/> Maintenance Individual <input type="checkbox"/> Maintenance General	Signals/Lights <input type="checkbox"/> Traffic Signal New, Modify, Rem and/or Repl <input type="checkbox"/> Traffic Signal Interconnection New, Modify, Rem and/or Repl <input type="checkbox"/> Flashing Beacon New, Modify, Rem and/or Repl <input type="checkbox"/> Traffic Signal Lenses New, Modify, Rem and/or Repl <input type="checkbox"/> Temporary Traffic Signal New, Modify, Rem and/or Repl <input type="checkbox"/> Street Lighting New, Modify, Rem and/or Repl	Miscellaneous <input type="checkbox"/> Pavement open cut <input type="checkbox"/> Soil Levee <input type="checkbox"/> Monitor wells <input type="checkbox"/> Pavement Cores <input type="checkbox"/> Pavement/Pavement/Reinforce Other: 1: _____ 2: _____ 3: _____

Delivery Excavation, Paving, Cut and/or Lane Closures are not permitted under Maintenance and Roadwork.

I declare that I have prepared or supervised the Application and it is true and correct to the best of my knowledge and belief. I agree to perform all permitted work according to and with all provisions of the Ordinances of the COUNTY OF COOK, and any local, state and federal statutes and/or codes. I declare that the Highway Department is relying on the information that I have provided in this application in the issuance of the Highway Construction Permit and approval of plans and specifications without variations. The permit issued pursuant to this application shall not be considered to permit any construction upon or within said right of way or use thereof in violation of any provision of any Ordinance of COOK COUNTY or to encroach the same or the same's successors and assigns from complying therewith.

NOTICE: THIS APPLICATION FORM IS NOT A PERMIT AND IN NO WAY AUTHORIZES THE APPLICANT OR CONTRACTOR TO CONSTRUCT/PERFORM ANY WORK OR HOLD AN EVENT WITHIN THE COUNTY'S RIGHTS-OF-WAY WITHOUT THE ISSUANCE OF COUNTY HIGHWAY PERMIT.

Owner Name: _____ Date: _____ 20

(Print, do not sign electronically)

Applicant Name: _____ Date: _____ 20

(Print, do not sign electronically)

Revised 2020/11
Page 2 of 2

Who is required to submit for a Cook County Permit?

- All agencies who's proposed work impacts Cook County Department of Transportation and Highway Right of way.
- Agencies/Applicants who are in the Phase I project development Phase and require IDOT Phase I approval should not submit for a permit until they receive concurrence from our project studies division.
- Below is the contact for Projects in Phase I:
Project Studies Manager: Katie Bell
Email: Katie.Bell@Cookcountyil.gov

Construction/ Maintenance Permit

Cook County DOTD Permits Web Site

Cook County Jurisdiction Map

Electronic Application Submittal

Cook County DoTH Permits Web Site

<https://www.cookcountyil.gov/service/construction-permits-online-payment>



COOK COUNTY
GOVERNMENT

SERVICES | AGENCIES | OFFICIALS | CALENDAR | NEWS | CONTACT US

Select Language

I WANT TO ▾

RESIDENT SERVICES ▾

DOING BUSINESS ▾

YOUR GOVERNMENT ▾

Construction/ Maintenance Permits

 **Cook County's Resources and Response to Coronavirus (COVID-19)**

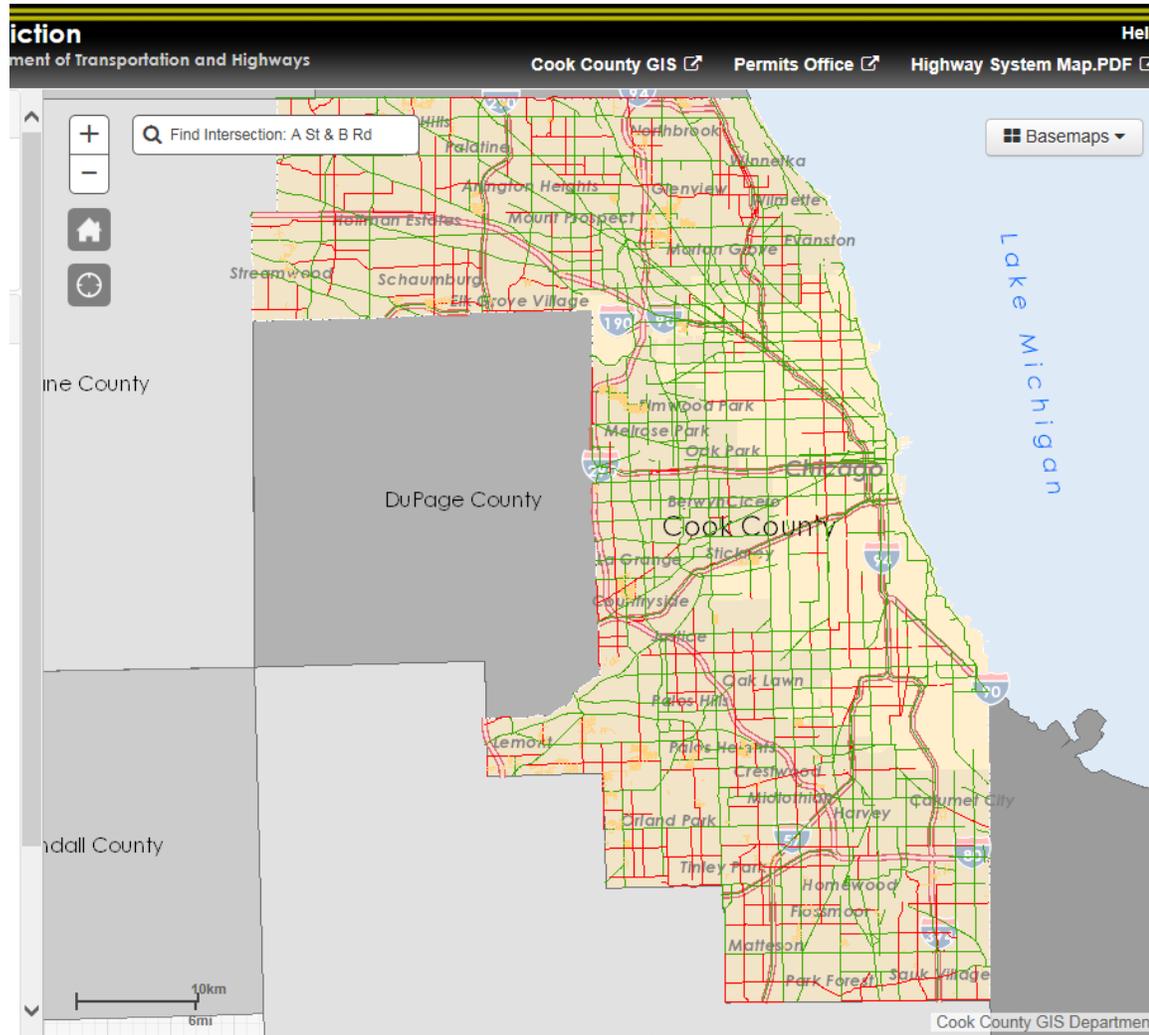

**George W. Dunne Cook County Office
Building**
69 W. Washington St., 24th Floor
Chicago, IL 60602


Phone Number
(312) 603-1670


Email
hwy.permits@cookcountyil.gov

[MORE DETAILS](#) ▾

Cook County Jurisdiction Map/ Section Number



Link to County Jurisdictional Map on Website
<https://maps.cookcountyil.gov/hwyjurisdiction/>

Electronic Application Submittal

Cook County Permits Division requires PDF electronic submissions for all applications and supporting documents. Utility companies are required to submit the full application. We are now using Cityworks and require the data from those forms for our system.

Applicants shall email 25MB or less submittal files to: hwy.permits@cookcountyil.gov .

Applicants shall email an information exchange website link for submittal files larger than 25MB.

If an information exchange website link is not an option, a flash drive or CD/DVD can be mailed to Permits for submittal files larger than 25MB.

Revised Bond Process

Permits now has bond form available on our Website.

Permits still requires the original signed copy of the bond form and surety company attachments to be mailed along with being emailed.

Permits is working towards eliminating hard copies of the bond form request all together.

Permit No.:		Bond No.:	
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 **COOK COUNTY DEPARTMENT OF TRANSPORTATION AND HIGHWAYS**
PERMIT BOND

Cook County Department of Transportation and Highways Permits Office
George W. Dunne Cook County Office Building
69 W. Washington, 24th Floor, Chicago, Illinois 60602

312.603.1670
312.603.9943

KNOW ALL MEN BY THESE PRESENTS, that We (Principle Name) _____
as Principal, and (Surety Company Name) _____
as surety, are held and firmly bound unto The County of Cook, a body politic and corporate of the State of Illinois, in the penal sum of **Twenty Thousand and no cents dollars (\$20,000.00)** lawful money of the United State of America, for the payment of which sum of money, well and truly to be made, we bind ourselves, our heirs, executors and administrators or our successors and assigns, jointly or severally, firmly by these presents.

WHEREAS, The County of Cook of the State of Illinois is about to grant to the Principal permission and authority to construct, install, operate and maintain certain installations, work or improvements in, under, along or upon a certain highway in Cook County, Illinois, identified as:

COUNTY HIGHWAY(s) 1. CHOOSE HIGHWAY _____

The condition of the above obligation is such that if the said Principal shall do the work as described in said permit and upon completion of same shall, within **10** days, at the Principle's own cost, restore said highway substantially to the same condition in which it was before said work was commenced, and shall remove all debris, rubbish, materials, apparatus, tools and equipment as well as all excess excavated materials from the right of way of said highway, all to the satisfaction of the County Superintendent of Transportation and Highways for The County of Cook, and shall indemnify and save harmless The County of Cook against all claims for damages to persons or property on account of the prosecution of said work, and the construction, location, operation and maintenance of the proposed installations work or improvements; also, against all costs and expenses which may be incurred by The County of Cook on account of or in connection with such claims, then the above obligation to be void, otherwise to remain in full force and effect.

Note: this bond shall be held for one year if the permit requires an open cut in the pavement. Upon completion of said work the Principle must notify the Permits Division, in writing, by sending an email to hwy.permits@cookcountyil.gov requesting a prefinal inspection. The one year starts on the date of notification.

If the permit does not require an open cut or if the one year open cut requirement has been met, upon completion of said work the Principle must request, in writing, by sending an email to hwy.permits@cookcountyil.gov requesting a final inspection and release of this bond.

This bond will remain in full force and effect until said bond is released, in writing, by the Cook County Department of Transportation and Highways Permits Division.

In witness whereof, we have duly executed the foregoing this _____ day of _____ 20____

Surety _____	Principle _____
Address _____	Address _____
City/State _____	City/State _____
Contact Name _____	Contact Name _____
Phone Number _____	Phone Number _____
Email Address _____	Email Address _____

By: _____
(Affix Seal) Signature of Agent for Surety

By: _____
(Affix Seal) Signature of Agent for Principle

Insurance Submittal Preference

Permits receives approximately a thousand plus insurance submittals in the mail every year. We are trying to change the mailing culture to email.

Starting at the end of 2019, we have been contacting insurance companies to change to email.

Please ask your insurance companies to email insurance submittals to:
hwyp@cookcountyil.gov .

All Utilities Emergency Repair/ Maintenance Permits

Initial Notice

Utilities: Municipalities, and Water and Sanitary Districts

Utilities All other

Pavement Breaks

PERMIT EXPIRES _____ PERMIT NUMBER _____

DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
COUNTY OF COOK
69 W. Washington 24th Floor, Chicago, ILLINOIS 60602
PHONE: (312) 603-1670
FAX: (312) 603-9943
Email: hwy.permits@cookcountyil.gov

EMERGENCY REPAIR / MAINTENANCE
HOLD HARMLESS HIGHWAY PERMIT

WHEREAS, (APPLICANT) _____ of the County of Cook, State of Illinois, located at _____

Contact Name/Phone Number: _____

Email Address: _____

Hereinafter termed the applicant, request permissions and authority to perform the work herein described on the County Highway/s, known as _____

Section Number: _____

See Cook County Jurisdiction map for County Route Name(s) and Hwy Section #(s). Note, Cook County Jurisdiction Routes are solid red on the Map. [Click Here For Map.](#)

The work is described in detail on the sketch below and/or as follows: Pavement Break Yes No

CONTRACTORS NAME IF APPLICABLE _____

Subject to the General Conditions and any Special Conditions attached to this permit, and subject to the Public Way Ordinance, as well as all laws defined therein and in conformance with all submittals made pursuant to the application process, as modified at the request of the Cook County Department of Transportation and Highways.

The work authorized by this permit shall be completed within _____ days after the date this permit is approved.

THIS PERMIT IS HEREBY ACCEPTED AND ITS PROVISIONS AGREED ON THIS

MUNICIPALITY SIGNATURE

____ DAY OF _____ 20____

APPROVED PERMIT GRANTED

____ DAY OF _____ 20____

(Authorized Municipality Representative Signature)

(C. C. Superintendent of Transportation & Highways)

Form 06 rev

For Government Agencies

Initial Notice

All emergencies shall be handled by the owner of the facility causing the emergency.

Notification of emergencies during work hours or after work hours shall be emailed to hwy.permits@cookcountyil.gov

If the emergency is an immediate danger to the public and more than the owner can handle, call 911 and Cook County Maintenance's 24hr number for assistance. 708-485-7130

The owner would be responsible for all cost of the 911 and Cook County Maintenance support.

Utilities: Municipalities and Water and Sanitary Districts

Initial notification shall be emailed to hwympermits@cookcountyil.gov

In 48hrs an Emergency Repair / Maintenance Hold Harmless Highway Permit form shall be emailed to hwympermits@cookcountyil.gov. The latest emergency form requires an applicant email address. This form is not on our website.

Please contact the Permits Division at hwympermits@cookcountyil.gov and request the latest Emergency Repair / Maintenance Hold Harmless Highway Permit form.

Utilities All Other

Initial notification shall be emailed to hwypermits@cookcountyil.gov

In 48hrs typical permit application form shall be emailed to hwypermits@cookcountyil.gov.
The permit will then be retroactively issued.

Pavement Breaks

The main goal is for safety, In addition, avoiding complaints and claims tied to the interim temporary patch.

Maintenance of the pavement break will remain the Utility/ Municipality/ Water or Sanitary District responsibility until the permit is closed out.

Make sure final pavement patch follows IDOT patching standards for PCC or Hot Mix Asphalt pavement.

A PCC and HMA patch shall be a full lane width. More details are given in the construction notes attached to every permit.



Example of poor patches that need to be addressed

PCC Pavement Patch

IDOT Class B patch Detail (Concrete Pavement)

All concrete patches shall be per the IDOT Class B patch standard. See attachment 2 for the current standard. To make sure you are always working of the current standard go to IDOTS web site to get the most current standard. Link to web site <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/Consultants-Resources/highway-standards-and-district-specific-standards> . Also depending on the size of the patch additional reinforcement may be required. Section 442 IDOT Standard Specifications for Road and Bridge Construction gives guidance on reinforcement and preparation of the patch.

Basic patch notes: The patch shall always be full lane width. Thus, if the break partially affects multiple lanes each lane shall be patched full lane width. Make sure all reinforcement required is properly placed in the patch before it is poured. The Patch will always require smooth dowel bars every 12" center to center to be drill on both transverse joints (See Standard). See the standard for size but it should always be 1-1/2" smooth dowels. If a patch is 20ft or longer it shall be tied to the adjacent lane with No 6 epoxy coated tie bars 24" center to center (See art 442.06, a2, 7th paragraph). Curb and gutter is always tied to the pavement with No 6 epoxy coated tie bars 24" center to center. See attachment 3 for IDOT curb and gutter standard. Make sure you get standard from IDOT web site to make sure you have the most recent standard. Link <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/Consultants-Resources/highway-standards-and-district-specific-standards> . All patches longer than 11.25ft shall be reinforced with welded wire fabric (See Art 442.06, a2, last paragraph)

HMA Pavement Patch

IDOT Class C and D patch (HMA Pavement or HMA over concrete Pavement)

All concrete patches shall be per the IDOT Class C and D patch standard. See attachment 4 for the current standard. To make sure you are always working of the current standard go to IDOTS web site to get the most current standard. Link to web site <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/Consultants-Resources/highway-standards-and-district-specific-standards> . HMA Patching shall match the existing pavement thickness. The patch length shall be a minimum of 6 feet. The patch width shall be full lane width. The pavement opening shall be saw-cut to the full depth of the pavement at the limits of removal and must extend 1 foot beyond each side of the trench excavation. HMA Pavement Patch shall be built per the IDOT Standard Specifications for Road and Bridge Construction Art 407.

Civil Division Policies

2 BORING AND OPEN CUT POLICY (CIVIL DIVISION)

Effective date: *May 13, 2019 (hps)*

Revised: *Jan. 4, 2021 (added direction on investigative pavement cores/test holes)*

Purpose: The purpose of this policy is to establish Civil Division policy regarding boring and open cutting of pavement for utility or storm sewer placement.

Policy: Generally open cutting of pavement is not desirable, facilities should be bored underneath the roadway with as little disturbance to the roadway and ROW as is practicable. It is understood that occasionally the nature of the work will require open cutting of the roadway. This policy defines when open cutting of the roadway is allowable and/or preferred as well as defining requirements.

Pavement and sidewalk replacement shall be in accordance with IDOT Bureau of Local Roads and Streets (BLRS) Manual, IDOT Standard Specifications for Road and Bridge Construction (Standard Specifications), and the following.

Investigative Pavement Borings/Test Holes

Investigative Pavement Borings/Test Holes may be permitted in pavement under the following conditions.

1. Proposed borings/test holes shall not be excessive.
2. Backfill material and methods must assure compaction. Flowable backfill is preferred.
3. Test holes should be 18 inches or less in diameter and not located in a wheel lane or high traffic area.
4. Pavement "plugs" shall not be reused.
 - a. Concrete pavement shall be replaced in kind, with a minimum thickness of 10 inches.
 - b. Asphalt and composite pavement shall be restored with a minimum of 10 inches of portland cement concrete topped with a minimum of 2 inches hot mix asphalt.
5. The plans shall include the following.
 - a. Specify backfill and backfill methods.
 - b. Show dimensions and locations of proposed test holes.
 - c. Provide detail sheet showing a typical section with the thickness and composition of pavement replacement and back fill.

Boring of Utilities

(Bore pits)

Boring of utilities is generally the preferred option. The boring operations should be located outside of the roadway or pedestrian facilities and cause minimal disruption to the surrounding area.

Boring pits may be allowable within the roadway limits in the following conditions.

1. A connection must be made to an existing facility located underneath the roadway.
2. Due to an abundance of utilities precise excavation would be required in order to avoid damage to critical or delicate facilities.
3. The existing facility has collapsed/failed and requires repairs, removal or replacement in the existing location.

The following requirements must be met for an allowable boring pit in the roadway.

1. All trenches within Cook County ROW shall be trench backfilled with FA-6 sand in accordance with Method 1 in accordance with Article 550.07 of the (IDOT) Standard Specifications for Road and Bridge Construction.
2. The composition of the pavement patch should match the existing pavement.
3. The pavement patch shall meet the following requirements.
 - a. Length shall be the greater of 6 feet (measured parallel to the centerline) or 12 inches wider than the bore pit.
 - b. Width shall be the full lane width of each lane affected.
 - c. Be in accordance with Section 442 Pavement Patching of the Standard Specifications. Specifically,
 - i. Class B Patches for concrete pavement and concrete bases.
 - ii. Class D Patches for HMA pavements and HMA bases.

Cook County Traffic Signals



Cook County Traffic Signals

Review Submittals

J.U.L.I.E.

Catalog Cuts

Review Submittals

If the proposed work includes a Cook County Traffic Signal Modification or Installation, Cook County will require a full set of traffic signal plans. The design plans shall be designed in Micro-station format.

The plans shall include but are not limited to the existing and proposed equipment, all Right of Way, utilities, and various dimensioning.

Please contact hwy.permits@cookcountyil.gov to reach out to our Mechanical, Electrical, Landscaping and Architecture (MELA) Division to determine if existing plans are available or for an example set of plans.

Review Submittals Continued

Cook County Electrical Facilities include but are not limited to traffic signals, traffic signal interconnect systems, lighting, flashing beacons for school zones and cross walks, etc.

Note: If existing plans are available the new permit plans shall be updated to current IDOT standard symbols.

Note: If a Municipality project is not on Cook County ROW but it affects far out loops for a Cook County Traffic Signal, the Village/City will need to get a permit with Cook County.

J.U.L.I.E

The County is not part of J.U.L.I.E. The permit is the mechanism to get the underground Cook County Electrical Facilities located.

If there is no Maintenance of Traffic Signal Item in the permit contact the Mechanical, Electrical, Architectural and Landscaping (MELA) Division at 312-603-1730 for location of the underground traffic signal equipment or other facilities.

If there is a Maintenance of Traffic Signal Item in the permit, the IDOT approved electrical contractor on the permit will be required to do the locates of the underground traffic signal equipment.

Frequent Comments Regarding ADA Compliance on Projects

If a project impacts a sidewalk and or sidewalk curb ramps, the restoration work needs to follow Cook County ADA standards.

- If an ADA curb ramp will be impacted in your proposed work the following is required:
 1. Provide a profile for the sidewalk that includes slope dimensions.
 2. Provide details for each curb ramp that include dimensions, cross slopes, and running slopes. See CCDOTH detail template for an example.
 3. CCDOTH uses cast iron detectable warnings. See CCDOTH Special Provision 325. Add to resubmittal.
 4. Sidewalk shall be a minimum of 8 inches thickness of concrete over 4 inches of aggregate base course through driveways and at curb ramps in order to allow for vehicular traffic and maintain grade control of the Pedestrian Accessible Route (PAR) through the driveway.



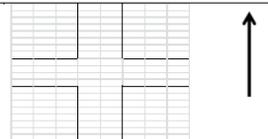
Frequent Comments Regarding ADA Compliance on Projects

Once Project is complete Applicants are required to have IDOT Form D1 PD0031 completed by the local municipality to ensure that the curb ramps meet ADA requirements.



ADA / PROWAG Inspection Sheet

Route: _____ Date: _____
 Cross Streets: _____ Inspector: _____
 City/Township: _____ Checked by: _____
 County: _____ Job No.: _____
 ID: _____



Curb Ramp (CR) Questions (check box for yes)		RAMP							
1	Is there a sidewalk leading up to the corner?	<input type="checkbox"/>							
2	Does the CR have detectable warnings? If yes, answer 3, 4, & 5	<input type="checkbox"/>							
3	Are the detectable warnings properly placed?	<input type="checkbox"/>							
4	Are the detectable warnings in good condition?	<input type="checkbox"/>							
5	Do the detectable warnings provide good color contrast?	<input type="checkbox"/>							
6	If there is concrete or another walking surface adjacent to the sides of the CR, does the ramp have side flares? If yes, answer 7.	<input type="checkbox"/>							
7	Indicate the maximum slope of the side flares (%)								
8	If there is a built-up CR, is it outside of the vehicle path?	<input type="checkbox"/>							
9	If there is a marked crosswalk, is the CR contained within it?	<input type="checkbox"/>							
10	Are all slope transitions (including gutter) flush and level (1/4" max or those between 1/4" & 1/2" beveled at a 1:2 slope)?	<input type="checkbox"/>							
11	Is there a min. clear space of 4' x 4' at the bottom of the ramp within width of ped street crossing & outside parallel vehicle travel lane?	<input type="checkbox"/>							
12	Is a minimum turning space provided at the top of the ramp meeting these requirements? 4' x 4' if unconstrained - 4' x 5' in direction of ramp if constrained. If a space is provided, continue to 13	<input type="checkbox"/>							
13	Is the maximum cross slope of the turning space ≤ 2.00%?	<input type="checkbox"/>							
14	Is the minimum width of the CR ≥ 48"? If no, answer 15	<input type="checkbox"/>							
15	Record minimum width of CR (inches)								
16	Is the maximum cross slope of CR ≤ 2.00%? If no, answer 17	<input type="checkbox"/>							
17	Record maximum cross slope of CR (%)								
18	Is the maximum CR running slope ≤ 8.3%? If no, answer 19	<input type="checkbox"/>							
19	Record maximum CR running slope (%)								
20	Is the maximum CR gutter slope ≤ 5.00%?	<input type="checkbox"/>							
21	Is the minimum width of adjacent walk ≥ 48"?	<input type="checkbox"/>							

Curb Ramp (CR) Questions (check box for yes)		RAMP							
22	Is the maximum cross slope of adjacent walk ≤ 2.00%?	<input type="checkbox"/>							
23	Is the maximum running slope of adjacent walk ≤ 5.00% or ≤ adjacent roadway grade?	<input type="checkbox"/>							
24	Is the surface or any horizontal opening of the CR compliant?	<input type="checkbox"/>							
Following questions to be filled out by office personnel:									
25	Record Illinois State Curb Ramp Condition Rating (1 – 4)								
26	Record Illinois State Curb Ramp User Rating (1 – 4)								

Sidewalk Questions (check box for yes)		SIDE			
27	Is there sidewalk along this segment? If yes, answer 28–31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Does sidewalk meet maximum cross slope requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Does sidewalk meet maximum running grade requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	Does sidewalk meet minimum width requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	Does the surface condition meet requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Crosswalk Questions (check box for yes)		NORTH LEG	EAST LEG	SOUTH LEG	WEST LEG	OTHER	OTHER	OTHER	OTHER
32	Is the crosswalk marked? If yes, continue to 33	<input type="checkbox"/>							
33	Record minimum width of crosswalk (inches)								
34	If no yield or stop control, is the cross slope ≤ 5.00% or if yield or stop control, is cross slope ≤ 2.00%? If no for either, continue to 35	<input type="checkbox"/>							
35	Record maximum cross slope of crosswalk (%)								
36	Is the running slope (grade) of the crosswalk ≤ 5.00%? If no, continue to 37	<input type="checkbox"/>							
37	Record maximum running slope (grade) of crosswalk (%)								
38	Is the surface smooth, firm, stable, slip-resistant?	<input type="checkbox"/>							

| Traffic Equipment Questions (check box for yes) | | RAMP |
|---|--|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 39 | Are there traffic signals? | <input type="checkbox"/> |
| 40 | Are there pedestrian signals? If yes, continue to 41–44 | <input type="checkbox"/> |
| 41 | Is there a ped push button within MUTCD recommended area? | <input type="checkbox"/> |
| 42 | Is APS installed? | <input type="checkbox"/> |
| 43 | Do the operable parts allow for 2" dia. use w/closed fist? | <input type="checkbox"/> |
| 44 | Does the ped push button allow for the necessary reach? | <input type="checkbox"/> |

Winter Moratorium

- During the winter months, (November 1 through April 15) the CCDOTH imposes a moratorium for the open cutting of pavement due to snow removal and the scarcity of ready mixes required to properly restore the pavement. This includes observation holes over existing utility facilities while performing directional bore operations, as well as lane closures for manhole access.
- Each request to open cut the pavement or require a lane closure will be decided on a case by case basis. Should the request be approved, the following measures will be taken and adhered to:
 - Unless it is a dire emergency, no lane closures will be set up or work performed within the pavement areas on days that snow is predicted, or if the snow has yet been removed from the pavement.
 - There will be no overnight lane closures, unless approved in advance by CCDOTH.
 - All restoration must be completed by the end of each workday or backfill is required . The use of steel plates is prohibited. The temporary pavement patch size shall be backfilled with flowable fill (per Section 1019 of the Standard Specifications for Road and Bridge Construction).
- All temporary pavement restorations will be permanently restored in the following Spring .



Future Permits Goals to Streamline Projects

The screenshot displays the Cityworks Map interface. At the top, there is a navigation bar with tabs for Tools, Locate, Selection, Layer Search, and Legend. Below this, the main map area shows an aerial view of a coastal region with various colored overlays and markers. The overlays include blue and red lines, green and yellow diamonds, and numbered areas (1-17). The markers are green circles and yellow diamonds. On the left side, there are two toolbars: 'Selection' and 'Navigation'. The 'Selection' toolbar includes icons for Select, Action, Toggle, and Identify. The 'Navigation' toolbar includes icons for Map Navigation, Toggle, Links, and Search. On the right side, there is a Legend panel with a list of layers and their visibility status. The layers are categorized into Closed Permits, Pending Permits, Active Permits, 9300 DRAINING RO., 7504 SINKHOLE, SIGN, REFERENCE, and World Imagery. The 'World Imagery' category includes World Imagery, Low Resolution 15m Im, High Resolution 60cm Ir, High Resolution 30cm Ir, and Citations.

Selection

Select Action

Toggle Identify

Navigation

Map Navigation

Toggle Links

Search

Legend

- ▶ Closed Permits
- ▶ Pending Permits
- ▶ Active Permits
- ▶ 9300 DRAINING RO.
- ▶ 7504 SINKHOLE
- ▼ SIGN
- ▶ Sign Type
- ▼ REFERENCE
- ▶ Structures
- ▶ Facilities
- ▶ County Routes
- ▶ IDOT
- ▶ Township
- ▶ Streets
- ▶ ROW
- ▶ Cadastral
- ▶ Municipality
- ▶ Maintenance
- ▶ Commissioner
- ▼ World Imagery
- ▶ World Imagery
- ▶ Low Resolution 15m Im:
- ▶ High Resolution 60cm Ir
- ▶ High Resolution 30cm Ir
- ▶ Citations

Future Streamline Permits Goals

Permits is trying to go fully paperless. At this point we only require bond forms to be mailed after being emailed.

Permits has officially switched over to Cityworks which has allowed for automated emails along with streamlining permit applications.

Get In-House Cook County Documents on the Website. For example, Special Provisions, Standards, Policies.

Thank You

Questions?

**CONSTRUCTION / MAINTENANCE
HIGHWAY PERMIT**

REVISED BOND PROCESS

INSURANCE SUBMITAL PREFERENCE

**ALL UTILITIES EMERGENCY REPAIR /MAINTENANCE
PERMITS**

COOK COUNTY TRAFFIC SIGNALS

ADA

WINTER MORATORIUM

FUTURE STREAMLINE PERMITS GOALS

Thank you

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Jack Bielak, P.E.
Permits Manager
Jack.Bielak@CookCountyil.gov
(312) 603-7336



Question and Answer Session

We will begin with any pre-submitted questions and then move on to chatted questions received during the meeting