Cook County Department of Transportation and Highways

2019 Annual Utility Coordination Council Conference

April 24, 2019

69 West Washington Street
Chicago, IL 60602
Room 2200 AB

Superintendent: John Yonan, P.E.
AGENDA

• Purpose
  • Effective Communication
  • Utility Council
  • 90 Day Notification/Relocation Requirements
  • Utility Relocation Process

• Presentations
  • Project Development Bureau
  • Design Bureau
  • Construction Bureau
  • Permits Division

• Q&A

GENERAL INFORMATION

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
ILLINOIS COMPILED STATUTE 605 ILCS 5/9-113
GENERAL INFORMATION

• Utilities are required to obtain written consent (permit) from the appropriate highway authority (County) to place facilities in public R.O.W.

• With the establishment of a utility council, the county highway authority can enforce a 90 day relocation policy.

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.

Utility Owner's Responsibilities continued:

• 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.

TYPICAL DESIGN UTILITY COORDINATION PROCESS

1. Initiate Coordination at start of design process
2. Contact JULIE to receive the contact information for utility owners that may have facilities within the project limits
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 Project Coordinator 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
4. If warranted, set-up a project specific Utility Coordination Meeting (to discuss project schedule, utility conflicts, utility relocation schedule, etc.)
5. Otherwise, conduct required coordination with individual utility owners
6. Final plans sent out to utility owners (90 day relocation requirement)
7. Utility owners initiate permits and continue to coordinate with both Design and Construction
THANK YOU

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PROJECT DEVELOPMENT BUREAU

Tara Orbon, P.E.,
Bureau Chief

DEPARTMENT OF TRANSPORTATION & HIGHWAYS

Superintendent

Assistant

Strategic Planning

Project Development

Design

Administrative Support

Construction

Maintenance

Multi-Year Program

Invest In Cook

Preliminary Engineering Studies

* CCDOTH Led

* Local Agency Partnerships
108th Avenue
167th Street to 159th Street
Village of Orland Park
Orland Township

134th Street
Halsted Street to Marsden Drive
Village of Riverdale
Calumet Township

Busse Road
Golf Road to Central Road
Village of Mount Prospect
Elk Grove Township

Butler Drive
Stony Island Avenue to Metron Drive
City of Chicago
Hyde Park Township

County Line Road
at Carriage Way Drive (Feasibility Study)
Village of Burr Ridge
Lyons Township

Central Road
Barrington Road to Huntington Boulevard
Village of Hoffman Estates
Schaumburg Township

Division Street
123rd Street to 119th Street
City of Blue Island
Calumet Township

Kedzie
At 139th Street
Village of Robbins
Bremen Township
Kedzie
At 175th Street
Village of Hazel Crest
Bremen Township

Lake Cook Road
At Old Hicks Road
Village of Palatine
Palatine Township

Nerge Road
IL at Plum Grove Road
Village of Roselle
Schaumburg Township

Quentin Road
IL 68 (Dundee Road) to Lake Cook Road
Village of Palatine & Deer Park
Palatine Township

Ridgeland Avenue
At Midlothian Turnpike
Bremen Township

Roberts Road
At 103rd Street
Village of Palos Hills
Palos Township

Sanders Road
Milwaukee Avenue to Techny Road
Village of Northbrook & Prospect Heights
Northfield Township
Crawford Avenue
Oakton Street to Golf Road
   Village of Northfield
   New Trier Township
Happ Road
Winnetka Road to Willow Road
   Village of Northfield
   New Trier Township

Roberts Road
at 111th Street
   City of Palos Hills
   Palos Township

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CIVIL DIVISION
Bureau of Design

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

Civil Division Head:
   Helen Diana Pappas Sterr, P.E., PMP, CFM
DESIGN PROJECTS

- Reconstruction
- Pavement Preservation and Rehabilitation (North & South)

RECONSTRUCTION

175th STREET – OAK PARK AVENUE TO RIDGELAND AVENUE
RIDGELAND AVENUE - 175th STREET TO OAK FOREST AVENUE
OAK FOREST AVENUE - RIDGELAND AVENUE TO 1,000 FEET EAST

- 1.3 miles of roadway improvements in the Village of Tinley Park.
- Reconstruct the roadway to provide an urban cross section with improved access to side streets and driveways along with closed drainage system.
- Improvements to pedestrian and bicycle facilities.

PAVEMENT PRESERVATION AND REHABILITATION

SHOE FACTORY ROAD – ESSEX DRIVE TO BEVERLY ROAD

0.7 miles of roadway improvements in the Village of Hoffman Estates.
- Realignment the roadway to improve sight distance and provide a better transition between the horizontal curves.
- Update the corridor to by widening the roadway to provide the clear zone and level of service.
- Proposed geometrics include 2 lanes in each direction with landscaped medians and a multi-use path.
- Urban/suburban cross section with curb and gutter and enclosed drainage system.

LAKE COOK ROAD – ARLINGTON HEIGHTS TO RAUPP BOULEVARD

1 Mile of roadway improvements in the Village of Buffalo Grove.
- PCC pavement patching, concrete median rehabilitation and curb and gutter replacement.
- ADA ramp improvements, signal upgrades and restoration of other appurtenant work as required.
PAVEMENT PRESERVATION AND REHABILITATION SOUTH

ROBERTS ROAD – VALLEY DRIVE to 86TH ST
2.5 Miles of roadway improvements and traffic signal modernization in the Village of Palos Hills and Hickory Hills.

- Milling and patching and edge grind with HMA overlay. PCC pavement patching and concrete median rehabilitation.
- ADA ramp improvements, drainage improvements and restoration and replacement of curb and gutter.

THANK YOU

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EAST LAKE AVENUE BRIDGE

- OVER MFNB CHICAGO RIVER in Glenview, IL
- Remove and replace existing bridge
- Road rehabilitation as needed
- Phase I RFQ solicitation in Fall 2019

STRUCTURAL DIVISION
Bureau of Design

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

Structural Division Head:
Nadir Shah, S.J.E.
MEACHAM ROAD BRIDGE

- OVER SALT CREEK
  in Schaumburg, IL
- Remove and replace existing bridge
- Road rehabilitation as needed
- Phase I RFQ solicitation in Fall 2019

LEHIGH AVENUE BRIDGE

- OVER EAST LAKE AVENUE EXT
  in Glenview, IL
- Remove and replace existing bridge
- Phase I RFQ solicitation in Fall 2019

143rd STREET BRIDGE

- OVER TINLEY CREEK
  in Oak Forest, IL
- Remove and replace existing bridge
- Road rehabilitation as needed
- Phase I RFQ solicitation in Fall 2019

167th (170th) STREET BRIDGE

- OVER THORN CREEK
  in South Holland, IL
- Remove and replace existing bridge
- Road rehabilitation as needed
- Phase I RFQ solicitation in Fall 2019
104TH AVENUE BRIDGE
- OVER CAL-SAG CHANNEL
  - in Unincorporated Cook County
  - Structural repair of steel truss members
  - Structural repair of concrete deck
  - Install deck drain extensions

RIDGELAND AVENUE BRIDGE
- OVER CAL-SAG CHANNEL
  - in Worth, IL
  - Structural repair of steel truss members
  - Structural repair of concrete deck
  - Install deck drain extensions

CRAWFORD AVENUE BRIDGE
- OVER CAL-SAG CHANNEL
  - in Alsip, IL
  - Structural repair of steel truss members
  - Structural repair of concrete deck
  - Install deck drain extensions

FRANCISCO AVENUE BRIDGE
- OVER CAL-SAG CHANNEL
  - in Unincorporated Cook County
  - Structural repair of steel truss members
  - Structural repair of concrete deck
  - Install deck drain extensions
THANK YOU

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COUNTY LINE ROAD – GRAND AVE TO NORTH AVE
City of Elmhurst
- Reconstruction, realignment, and widening of County Line Road
- Construction to accommodate a new southbound exit ramp from I-294
- Drainage Improvements
- Installation of retaining walls
- New Traffic Signals
- ROW acquisition
- Signing, pavement markings, landscaping
- 2019 Letting

OLD ORCHARD ROAD – WOODS DR TO SKOKIE BLVD
Village of Skokie
- Reconstruction and widening of Old Orchard Road
- Storm sewer installation
- Traffic signal installation at I-94 NB Ramps, Lawler Ave, and Lavergne Ave
- Lighting installation
- Bridge replacement and retaining wall installation
- Multi-use path construction
- Acquisition of temporary easements and ROW

Letting 2020
Construction 2021
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
• 2020 Letting

SKOKIE VALLEY TRAIL – LAKE COOK RD TO VOLTZ RD

Village of Northbrook

• Construction of a new paved bicycle trail from Lake Cook Road to Dundee Road
• Construction of prefabricated steel truss bridge over Lake Cook Road
• Proposed trail crossing at the signalized intersection of Dundee Road and Midway Road
• Widening of existing trail from Dundee Road to Voltz Road
• Realignment of the existing trail cross at Sunset Ridge Road
• 2020 Letting

THANK YOU

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CONSTRUCTION BUREAU

Bureau Chief of Construction: Holly Cichy, P.E.

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

South Area Construction Supervising Engineer: Michael Stern, P.E.
TYPES OF CONSTRUCTION IMPROVEMENTS

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

2019 NORTH SIDE CONSTRUCTION

OVER MIDDLE FORK NORTH BRANCH OF CHICAGO RIVER
Village of Northbrook
- Structural repair of concrete
- Joint repair
Project Letting: Spring 2019

LAKE COOK ROAD

OVER POPLAR CREEK
Village of Hoffman Estates
- Structural repair of concrete
- Joint repair
Project Letting: Spring 2019

BARTLETT ROAD

OVER MIDDLE FORK NORTH BRANCH OF CHICAGO RIVER
Village of Northbrook
- Structural repair of concrete
- Joint repair
Project Letting: Spring 2019
WEST LAKE AVENUE

WOLF ROAD TO LANDWEHR ROAD
Villages of Mount Prospect and Glenview
- HMA resurfacing
- Drainage improvements
Project Letting: Spring 2019

COUNTY LINE ROAD

I-294 RAMP TO NORTH AVENUE
Cities of Northlake and Elmhurst
- Reconstruction and widening
- Bridge improvements at US 20 over IL 64
- Realignment of Frontage Road and Northwest Avenue intersection
- Construction of a new connector road
- Multi-use shared path and sidewalk
- Street lighting and traffic signal improvements
Project letting: April 2019

DEMPSTER STREET

WOLF ROAD TO ELMHURST (IL 83)
City of Des Plaines
- HMA resurfacing
- Drainage improvements
Project Letting: Spring 2019

LAKE COOK ROAD

• RAUPP BOULEVARD TO HASTINGS LANE
Villages of Buffalo Grove and Wheeling
- Reconstruction and widening
- Weiland Road extension
- Widening and deck replacement
- Bike path
- Sidewalk
- Traffic signal improvements
- Street lighting
Project letting: Fall 2019
**TOUHY AVENUE**

- **ELMHURST ROAD TO MOUNT PROSPECT ROAD**
  - Village of Elk Grove, City of Des Plaines, and City of Chicago
  - Construction of two new grade separations
  - Retaining walls
  - Pavement reconstruction and rehabilitation
  - Drainage improvements and detention ponds
  - Multi-use shared path and sidewalk
  - New street lighting and traffic signals

Project letting: Fall 2019

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**2019 SOUTH SIDE CONSTRUCTION**

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**PAVEMENT PRESERVATION AND REHABILITATION PROGRAM SOUTH**

**SAUK TRAIL – GOVERNORS HIGHWAY TO LAKEWOOD BLVD**
- Villages of Richton Park and Park Forest
  - PCC pavement patching
  - Diamond grinding
  - Curb and gutter replacement
  - ADA ramp improvements

Anticipated Construction: Summer 2019

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**PAVEMENT PRESERVATION AND REHABILITATION PROGRAM SOUTH**

**KEDZIE AVE – COUNTRY AIRE DR TO 147TH ST**
- Village of Markham
  - Grinding, patching and overlays of the existing HMA pavement
  - Curb and gutter replacement
  - ADA ramp improvements

Anticipated Construction: Summer 2019
PAVEMENT PRESERVATION AND REHABILITATION PROGRAM SOUTH

STONY ISLAND AVE – JOE ORR ROAD TO GLENWOOD LANSING ROAD
Village of Lynwood
- Grinding, patching and overlaying of the existing HMA pavement
- ADA ramp improvements
Anticipated Construction: Summer 2019

PAVEMENT PRESERVATION AND REHABILITATION PROGRAM SOUTH

HARLEM AVE – STEGER RD TO SAUK TRAIL / LARAWAY RD
Village of Frankfort
- Grinding, patching and overlaying of the existing HMA pavement
- Cleaning pipe culvert
Anticipated Construction: Summer 2019

RIDGEAND AVENUE

108TH STREET TO 88TH AVENUE
Villages of Worth, Chicago Ridge and Oak Lawn
- ADA improvements
Anticipated Construction: Fall 2019

2019 VARIOUS DRAINAGE REPAIRS

- Quentin Road at Salt Creek
- Walters Avenue at Christina Lane
- Will Cook Road at Oak Hill Drive
- 171st Street at 80th Avenue
- Sunset Ridge Road North of Shadowood Lane
- Sunset Ridge Road at Landreth Lane
- Bartlett Road at Brewster Creek
- 87th Street at Cliff Street
Project Letting: Fall 2019
2019 VARIOUS PAVEMENT REPAIRS

- Buffalo Grove Road at Cobbler Lane
- Buffalo Grove Road at Dundee Road
- Lake Cook Road at Portwine Road
- 8850 South Ridgeland Avenue
- 87th Street at Ridgeland Avenue
- 87th Street at Oketo Avenue
- 87th Street at 83rd Avenue
- 108th Avenue South of 153rd Street
- 175th Street – Oak Park Avenue to Ridgeland Avenue

Project Letting: Fall 2019

THANK YOU

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

CONSTRUCTION / MAINTENANCE HIGHWAY PERMIT

EMERGENCY REPAIR/MAINTENANCE HOLD HARMLESS HIGHWAY PERMIT

COOK COUNTY TRAFFIC SIGNALS

CONSTRUCTION / MAINTENANCE
HIGHWAY PERMIT

CONSTRUCTION / MAINTENANCE PERMIT PROCESS

Cook County Jurisdiction Map
Cook County DOTH Permits Web Site
Electronic Application Process
Special Notice: Utility Forced Relocation due to Government Project Relocation
ID Notice
Plan Review Process
Issue Permit
Permit Example
Changes After Permit is Issued
Permit Close Out
Link to County Jurisdictional Map on Website
- [https://maps.cookcountyil.gov/hwyjurisdiction/](https://maps.cookcountyil.gov/hwyjurisdiction/)

**Cook County DOTH Permits Web Site**

[https://www.cookcountyil.gov/service/construction-permits-online-payment](https://www.cookcountyil.gov/service/construction-permits-online-payment)

### ELECTRONIC APPLICATION PROCESS

- ONLY electronic submissions for all applications and supporting documents will be processed.

- Applicants that have digital files 25MB or less shall email their submittals to: hwy.permits@cookcountyil.gov.

- Applicants may email files larger than 25MB by way of an information exchange website link on the email.

- If the submittal is too large to email, mail an electronic copy on flash drive or CD/DVD (PDF format).

### SPECIAL NOTICE: UTILITY FORCED RELOCATION DUE TO GOVERNMENT PROJECT RELOCATION

- The applicant must state in the application if the permit work is part of a forced relocation for a government project improvement. If Cook County, IDOT, Municipality etc.

- The government improvement project number should be listed in the application.

- There are no application fees or permit fees for a forced relocate.

- If the information is not listed on the permit and fees are paid, there are no means for Permits to give a refund.
The Permits Division will email the applicant an ID notice with the permit number.

All email correspondence from this point must list the Permit Number in the subject.

The Permits Division DOTH Permits routes the electronic permit application package to the appropriate Cook County divisions for review.

The divisions are given two weeks to complete the review.

When all reviews are returned the Permits Division sends the comments via email to the applicant.

The applicant will submit revised plans along with the disposition of comment via email.

The plan review is complete.

The Original Bond. Note this will not be an electronic file.

Insurance Certification.

The permit is returned via email with the proper signatures.

The permit fee is paid if required.

The entire permit package will be issued via email.

When all CCDOTH comments are addressed the review process is complete.

Note: Depending on the complexity of the project this may take many rounds of reviews.

Once review process complete plans are approved.
PERMIT EXAMPLE

Any changes after the permit is issued must be submitted for review per electronic process.

If the changes are substantial enough a permit addendum review will occur. The process will follow the same format as the original review.

PERMIT CLOSE OUT

When the project is complete the owner or contractor will email a letter stating the job is complete and request a final inspection.

After the final inspection, if there is no punch list the Permits Division field inspector will sign off and job will be closed.

CITY/VILLAGE
EMERGENCY REPAIR/MAINTENANCE
HOLD HARMLESS HIGHWAY PERMIT
Key Information

- Latest Form
- Sketch Location
- Pavement Breaks
- Issue Permit
- Permit Example

Sketch Location

- Check yes or no for pavement break.
- Draw a sketch of section of roadway.
- On the sketch mark the location of the repair.
- Give a brief description of work.

Latest Form

- All submittals shall be emailed. The latest form requires an applicant email address.

- Please contact the Permits Division at hwy.permits@cookcountyiil.gov and request the latest form.

Pavement Break

- The main goal is to avoid public complaints about the interim temporary patch.

- Maintenance of the pavement break will remain the Village/City responsibility until the permit is closed out.

- Make sure final pavement patch follows IDOT patching standards for PCC or Hot Mix Asphalt pavement.
The Permits Division will issue the permit via email.

Cook County Traffic Signals

The County is not part of JULIE for location of traffic signal equipment. Contact the Mechanical, Electrical, Architectural, and Landscaping (ME&LA) Division at 312-603-1730.

If a Village/City 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.

The list includes but is not limited to traffic signals, flashing beacons for school zones and cross walks, traffic signal interconnect systems, etc.

If there are catalog cut submittals required for Traffic Signal Items, the required number of hard copies need to be mailed in or hand delivered to the Permits Division. No electronic copies of the catalog submittals are allowed at this time.
Questions?

CONSTRUCTION / MAINTENANCE HIGHWAY PERMIT

EMERGENCY REPAIR/MAINTENANCE HOLD HARMLESS HIGHWAY PERMIT

COOK COUNTY TRAFFIC SIGNALS