



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

February 28, 2018

SUBJECT: FAU 1709 (Ravinia Avenue)
Section 12-00069-00-CH (Orland Park)
Cook County
Contract No. 61E48
Item 120
March 9, 2018 Letting
Addendum (A)

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

- 1. Revised pages 53 – 62 of the Special Provisions.**
- 2. Revised sheet 2 of the Plans.**
- 3. Added sheets 76A & 76B to the Plans.**

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bid.

Very truly yours,

Jack A. Elston, P.E.
Engineer of Design and Environment

A handwritten signature in black ink, reading "Ted B. Walschleger P.E." with a stylized flourish at the end.

By: Ted B. Walschleger, P.E.
Engineer of Project Management

work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

UTILITIES TO BE ADJUSTED

Conflicts noted below have been identified by following the suggested staging plan included in the contract. The company has been notified of all conflicts and will be required to obtain the necessary permits to complete their work; in some instances resolution will be a function of the construction staging. The responsible agency must relocate or complete new installations as noted in the action column; this work has been deemed necessary to be complete for the Department's contractor to then work in the stage under which the item has been listed.

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
Ravinia Avenue Sta. 18+26 to Sta. 29+30, 25' LT	Gas Line	Existing gas line is in conflict with proposed pavement curb and gutter, and temporary pavement. Existing gas line will have to be relocated prior to contractor beginning pre-stage.	Nicor Gas	Contractor for Nicor Gas to install new line and cut over services. 10 Days
Ravinia Avenue, Sta. 18+26, 45' RT to 41' LT	Gas Line	Existing gas line is in conflict with proposed pavement, curb and gutter, path, and temporary pavement. Existing gas line will have to be relocated prior to contractor beginning pre-stage.	Nicor Gas	Contractor for Nicor Gas to install new line. 10 Days
Ravinia Avenue, Sta. 21+75, 59' RT to 55' LT	Gas Line	Existing gas line is in conflict with proposed pavement, curb and gutter, path, and temporary pavement. Existing gas line will have to be relocated prior to contractor beginning pre-stage.	Nicor Gas	Contractor for Nicor Gas to install new line and cut over services. 10 Days
147th Street, Sta. 100+00.00 to Sta. 102+25, LT	Gas Line	Existing gas line is in conflict with proposed pavement, curb and gutter, path, and temporary pavement. Existing gas line will have to be relocated prior to contractor beginning pre-stage.	Nicor Gas	Contractor for Nicor Gas to install new line and cut over services. 10 Days
147th Street, Sta. 102+25 to Sta. 105+25, LT	Gas Line	Existing gas line is in conflict with proposed pavement, curb and gutter, temporary pavement and path. Existing gas line will have to be relocated prior to contractor beginning prestage.	Nicor Gas	Contractor for Nicor Gas to install new line and cut over services. 10 Days
147th Street, Sta. 102+25 to Sta. 105+25 LT	Cable Line	Cable line is in conflict with proposed and temporary pavement. Existing line must be relocated prior to contractor beginning prestage.	Comcast	Contractor for Comcast to install new line. 45 Days

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
Ravinia Avenue, Sta. 22+00 to Sta. 29+30 LT	Electric	Existing electric line is in conflict with proposed pavement, curb and gutter and temporary pavement. Existing line must be relocated prior to contractor beginning prestage.	ComEd	Contractor for ComEd to install new line. 15 Days
Ravinia Avenue, Sta. 23+53, LT and RT	Electric	Existing electric line is in conflict with proposed pavement, curb and gutter and temporary pavement. Existing line must be relocated prior to contractor beginning prestage.	ComEd	Contractor for ComEd to install new line. 15 Days
Ravinia Avenue, Sta. 24+37, LT and RT	Electric Line	Existing electric line is in conflict with proposed pavement, curb and gutter and temporary pavement. Existing line must be relocated prior to contractor beginning prestage.	ComEd	Contractor for ComEd to install new line. 15 Days
147th Street, Sta. 102+00 to Sta. 105+25 LT	Electric Line	Existing electric line is in conflict with proposed pavement, curb and gutter and temporary pavement. Existing line must be relocated prior to contractor beginning prestage.	ComEd	Contractor for ComEd to install new line. 15 Days

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
Ravinia Avenue, Sta. 21+80 to Sta. 29+40, RT	Duct and Electric Lines	Existing duct and electric lines are in conflict with proposed pavement, curb and gutter, and path. Existing lines will be relocated by utility contractor in proposed parkway concurrently with roadway contractor performing Stage 1.	AT&T	Contractor for AT&T to install new line. 45 days
Ravinia Avenue Sta. 25+29, 34' RT	Manhole	Existing manhole is in conflict with proposed pavement. Manhole must be relocated prior to contractor beginning Stage 1.	AT&T	Contractor for AT&T to relocate manhole. 45 days
147th Street, Sta. 102+80 to Sta. 105+25 RT	Telephone Line	Existing telephone line is in conflict with proposed sidewalk and grading. Existing line will be relocated by utility contractor in proposed	AT&T	Contractor for AT&T to install new line. 45 days

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
		parkway concurrently with roadway contractor performing Stage 1.		
147th Street, Sta. 102+30 to Sta. 102+79 LT	Fiber Optic Line	Existing fiber optic line is in conflict with proposed pavement, curb and gutter, and temporary pavement. Existing line will be relocated by utility contractor in proposed parkway concurrently with roadway contractor performing Stage 1.	AT&T	Contractor for AT&T to install new line. 30 Days
Ravinia Avenue, Sta. 21+78 to Sta. 29+30, RT	Fiber Optic Line	Existing fiber optic line is in conflict with proposed pavement and curb and gutter. Existing line will be relocated by utility contractor in proposed parkway concurrently with roadway contractor performing Stage 1.	AT&T	Contractor for AT&T to install new line. 45 days
Ravinia Avenue, Sta. 21+78 to Sta. 29+40 RT	Cable lines	Existing underground cable lines are in conflict with proposed pavement and curb and gutter. Existing lines will have to be relocated prior to contractor beginning Stage 1.	Comcast	Contractor of Comcast to install new line. 45 days
Ravinia Avenue, Sta. 25+20, 50' RT	Vault	Existing vault is in conflict with proposed pavement. Vault must be relocated prior to contractor beginning Stage 1.	Comcast	Contractor of Comcast to relocate vault. 45 days
Ravinia Avenue, Sta. 21+78 to Sta. 29+30 RT	Fiber Optic Line	Existing fiber optic line is in conflict with proposed pavement and curb and gutter. Line must be relocated prior to contractor beginning Stage 1.	Comcast	Contractor of Comcast to install line. 45 days
147th Street, Sta. 102+75 to Sta. 105+25, RT	Electric Line	Existing fiber optic line is in conflict with proposed pavement and curb and gutter. Line must be relocated prior to contractor beginning Stage 1.	Comcast	Contractor of Comcast to install line. 45 days

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
Ravinia Avenue, Sta. 21+78 to Sta. 29+40 RT	Electric line	Electric line is in conflict with proposed pavement and curb and gutter. Line must be relocated prior to contractor beginning Stage 1.	ComEd	Contractor of ComEd to install new electric line. 15 days

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
147th Street, Sta. 100+00 to Sta. 102+30, LT	Fiber Optic Line	Fiber optic line is in conflict with proposed and temporary pavement. Existing line must be relocated prior to contractor beginning Stage 2.	AT&T	Contractor for AT&T to install new line. 30 Days

Pre-Stage: ___45___ Days Total Installation
Stage 1: ___45___ Days Total Installation
Stage 2: ___30___ Days Total Installation

The following contact information is what was used during the preparation of the plans as provided by the Agency/Company responsible for resolution of the conflict.

Agency/Company Responsible to Resolve Conflict	Name of Contact	Address	Phone	E-mail address
ComEd	Jim Peto	25000 S. Governors Hwy, University Park, IL 60466	708-235-2422	James.peto@comed.com
AT&T	Bruce Robbins, Legal Mandate Engineer	1000 Commerce Drive, Oak Brook, IL 60523	630-573-6471	br1831@att.com
Comcast	Robert Schulter	688 Industrial Drive, Elmhurst, IL 60126	224-229-5861	Bob_Schulter@comcast.com
Nicor	Joel Newton,	1844 Ferry Road, Naperville, IL 60563	630-388-2556	Jknewton@southernco.com

	Design Engineer			
Village of Orland Park	Sean Marquez, Senior Project Engineer	14700 Ravinia Avenue, Orland Park, IL 60462	708-403-6171	Smarquez@orlandpark.org

UTILITIES TO BE WATCHED AND PROTECTED

The areas of concern noted below have been identified by following the suggested staging plan included for the contract. The information provided is not a comprehensive list of all remaining utilities, but those which during coordination were identified as ones which might require the Department's contractor to take into consideration when making the determination of the means and methods that would be required to construct the proposed improvement. In some instances the contractor will be responsible to notify the owner in advance of the work to take place so necessary staffing on the owners part can be secured.

Pre-Stage

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
147th Street, Sta. 100+00 to Sta. 103+50, 50 to 100' O/S LT	Cable Line	New cable line was being designed concurrently with roadway improvements. Electric line proposed to run along back side of sidewalk in northwest and northeast corners of the intersection, as well as across Ravinia Avenue. There are no conflicts with the proposed improvements.	Comcast	Cable line shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 14+96 to Sta. 29+30	Fiber Optic Line	Existing fiber optic line is near proposed pavement, curb and gutter, and temporary pavement. There are no conflicts with the proposed improvements.	Village of Orland Park	Line shall be adjusted and protected from damage by the contractor during construction.
Ravinia Avenue, Sta. 24+23, LT and RT	Fiber optic	Existing fiber optic line is near proposed pavement, curb and gutter, and temporary pavement. There are no conflicts with the proposed improvements.	Village of Orland Park	Line shall be adjusted and protected from damage by the contractor during construction.
147th Street, Sta. 100+00 to Sta. 102+30 LT	Telephone	Existing telephone line is near proposed pavement, curb and gutter and temporary pavement. There are no conflicts with the proposed improvements.	Village of Orland Park	Line shall be adjusted and protected from damage by the contractor during construction.

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
Ravinia Avenue, Sta. 18+00 to Sta. 18+50, LT and RT	Water Main	Existing water main located underneath proposed pavement and curb. Water main is sufficient depth to not be in conflict with proposed pavement or curb.	Village of Orland Park	Water main shall be protected from damage by the Contractor during construction.
147th Street, Sta. 100+00 to Sta. 25+40, LT	Water Main	Existing water main located on north side of 147th Street runs beneath proposed curb and gutter and temporary and permanent pavement. Water main is sufficient depth to not be in conflict.	Village of Orland Park	Water main shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 23+90, 53' LT	Electrical Splice Box	Existing splice box located between existing sidewalk and existing Village Hall parking lot. Splice box is not in conflict with proposed improvements.	Village of Orland Park	Splice box shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 23+90, 53' LT to 84' LT	Electrical line	Existing electrical line located between existing sidewalk and existing Village Hall parking lot. Electrical line is not in conflict with proposed improvements.	Village of Orland Park	Electrical line shall be protected from damage by the Contractor during construction.

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
Ravinia Avenue, Sta. 22+50 LT and RT	Electric Line	Existing electric line beneath proposed pavement, curb and gutter and temporary pavement. Existing line is approximately 5 feet below existing ground. There are no conflicts with the proposed improvements.	ComEd	Electrical line shall be protected from damage by the Contractor during construction.
Ravinia Avenue Sta. 22+59, 34' RT	Power Pole	Power pole located at the specified location with aerial lines attached. There are no conflicts with the proposed improvements.	ComEd	Power pole shall be protected from damage by the Contractor during construction.
Ravinia Avenue Sta. 23+41, 38' RT	Power Pole	Power pole located at the specified location with aerial lines attached. There are no conflicts with the proposed improvements.	ComEd	Power pole shall be protected from damage by the Contractor during construction.

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
Ravinia Avenue, Sta. 24+18, 46' RT	Power pole, Aerial lines	Power pole located at the specified location with aerial lines attached. There are no conflicts with the proposed improvements.	ComEd	Power pole shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 21+78 to Sta. 29+40 RT	Aerial lines	Existing aerial lines attached to power poles at the specified locations. There are no conflicts with the proposed improvements.	Comcast	Aerial lines shall be protected from damage by the contractor during construction.
147th Street Sta. 103+25, 37' O/S LT	Vault	New electric vault was being designed concurrently with roadway improvements. Vault to be located behind sidewalk at northeast corner of the roundabout. There are no conflicts with the proposed improvements.	Comcast	Vault shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 26+00, 63' O/S RT	Handhole	New handhole was being designed concurrently with roadway improvements. Handhole to be located behind sidewalk at northeast corner of the roundabout. There are no conflicts with the proposed improvements.	Comcast	Handhole shall be protected from damage by the Contractor during construction.
147th Street, Sta. 105+30, 40' O/S LT	Switchgear	Existing switch gear is located behind existing sidewalk. Switch gear is not in conflict with proposed improvements.	Comcast	Switch gear shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 21+80 to Sta. 24+23, RT	Fiber optic line	Fiber optic line is near proposed pavement, curb and gutter, and path. There are no conflicts with the proposed improvements.	Village of Orland Park	Line shall be adjusted and protected from damage by the contractor during construction.
Ravinia Avenue, Sta. 18+50 to Sta. 24+50, RT	Water Main	Existing water main located underneath existing and proposed sidewalk. Water main is sufficient depth to not be in conflict with proposed pavement or curb.	Village of Orland Park	Water main shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 24+50 to Sta. 31+00, RT	Water Main	Existing water main located underneath proposed pavement and curb. Water main is sufficient depth to not be in conflict with proposed pavement or curb.	Village of Orland Park	Water main shall be protected from damage by the Contractor during construction.

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
Ravinia Avenue, Sta. 24+50, 45' RT	Water Hydrant	Existing hydrant located in parkway. Hydrant is not in conflict with proposed improvements.	Village of Orland Park	Hydrant shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 22+15, 38' RT	Water Hydrant	Existing hydrant located in parkway. Hydrant is not in conflict with proposed improvements.	Village of Orland Park	Hydrant shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 22+15, 38' RT to 70' RT	Water Main	Existing water main located underneath sidewalk and driveway. Water main is not in conflict with proposed improvements.	Village of Orland Park	Water main shall be protected from damage by the Contractor during construction.
Ravinia Avenue Sta. 27+60, 27' O/S RT	Water Hydrant	Existing hydrant located in parkway. Hydrant is not in conflict with proposed improvements.	Village of Orland Park	Hydrant shall be protected from damage by the Contractor during construction.

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
147th Street, Sta. 101+35, 60' O'S LT	Handhole	New handhole was being designed concurrently with roadway improvements. Handhole to be located behind sidewalk at northwest corner of the roundabout. There are no conflicts with the proposed improvements.	Comcast	Handhole shall be protected from damage by the Contractor during construction.
Ravinia Avenue Sta. 15+00, 37' O/S to Sta. 17+00, 150' O/S	Fiber Optic Line	Existing fiber optic line located along east side of sidewalk running north and south side of sidewalk running west. There are no conflicts with the proposed improvements.	Village of Orland Park	Fiber Optic line shall be protected from damage by the Contractor during construction.
Ravinia Avenue Sta. 15+00, 37' O/S	Handhole	Existing handhold located at specific location. There are no conflicts with the proposed improvements.	Village of Orland Park	Handhole shall be protected from damage by the Contractor during construction.

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
Ravinia Avenue, Sta. 15+00 to Sta. 18+00, LT	Water Main	Existing water main located along back of curb from Sta. 15+00 to Sta. 16+75. Water main then runs north, crossing proposed path at two locations. Water main is sufficient depth to not be in conflict with proposed path.	Village of Orland Park	Water main shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 14+85, 19' O/S LT	Water Hydrant	Existing hydrant located in parkway. Hydrant is not in conflict with proposed improvements.	Village of Orland Park	Hydrant shall be protected from damage by the Contractor during construction.
Ravinia Avenue, Sta. 17+85, 50' LT	Water Hydrant	Existing hydrant located in parkway. Hydrant is not in conflict with proposed improvements.	Village of Orland Park	Hydrant shall be protected from damage by the Contractor during construction.

The following contact information is what was used during the preparation of the plans as provided by the owner of the facility.

Agency/Company Responsible to Resolve Conflict	Name of Contact	Address	Phone	E-mail Address
ComEd	Jim Peto	25000 S. Governors Hwy, University Park, IL 60466	708-235-2422	James.peto@comed.com
AT&T	Bruce Robbins, Legal Mandate Engineer	1000 Commerce Drive, Oak Brook, IL 60523	630-573-6471	br1831@att.com
Comcast	Robert Schulter	688 Industrial Drive, Elmhurst, IL 60126	224-229-5861	Bob_Schulter@comcast.com
Nicor	Joel Newton, Design Engineer	1844 Ferry Road, Naperville, IL 60563	630-388-2556	jknewton@southernco.com

Village of Orland Park	Sean Marquez, Senior Project Engineer	14700 Ravinia Avenue, Orland Park, IL 60462	708-403-6171	smarquez@orlandpark.org
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The above represents the best information available to the Department and is included for the convenience of the bidder. The days required for conflict resolution should be taken into account in the bid as this information has also been factored into the timeline identified for the project when setting the completion date. The applicable portions of the Standard Specifications for Road and Bridge Construction shall apply.

Estimated duration of time provided in the action column for the first conflicts identified will begin on the date of the executed contract regardless of the status of the utility relocations. The responsible agencies will be working toward resolving subsequent conflicts in conjunction with contractor activities in the number of days noted.

The estimated relocation dates must be part of the progress schedule submitted by the contractor. A utility kickoff meeting will be scheduled between the Department, the Department’s contractor and the utility companies. The Department’s contractor is responsible for contacting J.U.L.I.E. prior to any and all excavation work.

GROUND TIRE RUBBER (GTR) MODIFIED ASPHALT BINDER (D-1)

Effective: June 26, 2006

Revised: April 1, 2016

Add the following to the end of article 1032.05 of the Standard Specifications:

“(c) Ground Tire Rubber (GTR) Modified Asphalt Binder. A quantity of 10.0 to 14.0 percent GTR (Note 1) shall be blended by dry unit weight with a PG 64-28 to make a GTR 70-28 or a PG 58-28 to make a GTR 64-28. The base PG 64-28 and PG 58-28 asphalt binders shall meet the requirements of Article 1032.05(a). Compatible polymers may be added during production. The GTR modified asphalt binder shall meet the requirements of the following table.

Test	Asphalt Grade GTR 70-28	Asphalt Grade GTR 64-28
Flash Point (C.O.C.), AASHTO T 48, °F (°C), min.	450 (232)	450 (232)
Rotational Viscosity, AASHTO T 316 @ 275 °F (135 °C), Poises, Pa·s, max.	30 (3)	30 (3)
Softening Point, AASHTO T 53, °F (°C), min.	135 (57)	130 (54)
Elastic Recovery, ASTM D 6084, Procedure A (sieve waived) @ 77 °F, (25 °C), aged, ss, 100 mm elongation, 5 cm/min., cut immediately, %, min.	65	65