

January 7, 2020

SUBJECT: FAP Route 343 (IL 53/IL 68) Project NHPP-HSIP-RAK7(796) Section 3041-N-2 Cook County Contract No. 62A26 Item No. 82, January 17, 2020 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 page ii of the Table of Contents to the Special Provisions.
- 2. Revised pages 5-17 and 143 of the Special Provisions.
- 3. Revised sheets 12 and 16 of the Plans

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

Very truly yours,

Jack A. Elston, P.E. Bureau Chief, Design and Environment

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# Pre-Stage / Stage 1

STAGE / LOCATION	ТҮРЕ	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
Dundee Road Sta. 53+50 to 84+50 Left	Sanitary Sewer/Force Main/Unknown Utility	Existing 16" force main sanitary sewer and unknown utility running under left side of Dundee Road in conflict with proposed storm sewer pipes P-7, P-8, P-9 and P-16.	Village of Palatine	Owner to verify and relocate as needed.
Rand Road Sta. 60+50	Sanitary Sewer/Force Main	Existing 16" force main sanitary sewer running across Rand Road in conflict with proposed widening.	Village of Palatine	Owner to verify and relocate as needed.
		ary sewer and water mair o resolve all conflicts r		
Dundee Road Sta. 63+42 to 64+75, 45' LT	4" Steel Gas Main, 3-ft depth	Proposed 36" storm sewers (P-8 & P-9) has a potential clearance conflict with the existing 4" steel gas main. A minimum 3'6" of horizontal clearance needed assuming a 5' trench box is used to install the 36" Storm Sewer.	Nicor	All gas main relocations to be completed by Nicor.
Dundee Road Sta. 66+86, 57' LT	4" Steel Gas Main, 3.5-ft depth.	Proposed manhole (S-6) has a direct clearance conflict with the existing 4" steel gas main. Minimum 24" of horizontal clearance with the existing 4" steel gas main is required.	Nicor	All gas main relocations to be completed by Nicor.

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Dundee Road Sta. 66+86, 57' LT	4" Steel Gas Main, Top of gas at approx. 721.08; Bottom of gas at approx. 720.71	Proposed 48" storm sewer (P-6) has a clearance conflict with the existing 4" steel gas main. A minimum 18" of vertical clearance needed.	Nicor	All gas main relocations to be completed by Nicor.
Dundee Road Sta. 69+24, 57' LT	4" Steel Gas Main, Depth at 6-ft 3-inch.	Proposed manhole (S-4) has a potential clearance conflict with the existing 4" steel gas main. Minimum 24" of horizontal clearance with the existing 4" steel gas main is required.	Nicor	All gas main relocations to be completed by Nicor.
Dundee Road Sta. 74+26, 55' LT	4" Steel Gas Main, Depth at 3-ft 10-inch.	Proposed manhole (S-2) has a potential clearance conflict with the existing 4" steel gas main. Minimum 24" of horizontal clearance with the existing 4" steel gas main is required.	Nicor	All gas main relocations to be completed by Nicor.
Dundee Road Sta. 74+26, 55' LT	4" Steel Gas Main, Top of gas at approx. 720.16; Bottom of gas approx. 719.8	Proposed 42" storm sewer (P-1A) has a clearance conflict with the existing 4" steel gas main. A minimum 18" of vertical clearance needed.	Nicor	All gas main relocations to be completed by Nicor.
Dundee Road Sta. 94+00, 75' RT	6" Steel Gas Main, Depth at 5- ft-6-inches, Top of gas at approx. 723.5; Bottom of gas approx. 722.95	Proposed grade cut has a potential conflict with the existing 6-inch steel gas main. Minimum 30" cover is required.	Nicor	All gas main relocations to be completed by Nicor.
Dundee Road Sta. 94+03, 78' RT.	Gas Main	Proposed 12" storm sewer (P-33) is proposed to cross over existing gas main. Depth to be verified.	Nicor	All gas main relocations to be completed by Nicor.

Rand Road Sta. 55+94 to 57+30, 43' LT	2" Steel Gas Main. Depth at 2-ft 10- inches	Proposed 24" storm sewer (P-41) and its trench is running parallel and sometimes crosses existing gas line. A minimum 24" of horizontal clearance from 2" steel gas main is required.	Nicor	All gas main relocations to be completed by Nicor.
Rand Road Sta. 57+30, 47' LT	2" Steel Gas Main, Depth at 2-ft 3-inches	Proposed manhole (S-48) has a potential clearance conflict with the existing 2" steel gas main. Minimum 24" of horizontal clearance with the existing 2" steel gas main is required.	Nicor	All gas main relocations to be completed by Nicor.

All gas main relocations to be completed by Nicor – Total 20 days duration to resolve all conflicts noted above.

Dundee Road Sta. 94+00, 77' RT.	Underground electrical line Pole # 424122- 032	Proposed 12" storm sewer (P-33) crosses over exiting electrical line. Depth to be verified.	ComEd	All electrical line and utility pole relocations to be completed by ComEd.
Rand Road Sta. 56+00 RT	Overhead Transmission Line: Pole # 424024-007, Alley Arm (Towards) T LP Disconnect	Utility poles are located within the proposed roadway widening for new SB RT turn lane. The poles shall be temporarily relocated for storm sewer construction.	ComEd	All electrical line and utility pole relocations to be completed by ComEd.
Rand Road Sta. 56+25 RT	Overhead Transmission Line: Pole # 424024-009, XFMR 3C2	Utility pole is located within the proposed roadway widening for new SB RT turn lane. The pole shall be temporarily relocated for storm sewer construction.	ComEd	All electrical line and utility pole relocations to be completed by ComEd.

Rand Road Sta. 57+75 RT	Overhead Transmission Line: Pole # 424024-026, Tied T-LP	Utility poles are located within the proposed roadway widening for new SB RT turn lane. The poles shall be temporarily relocated for storm sewer construction.	ComEd	All electrical line and utility pole relocations to be completed by ComEd.
Rand Road Sta. 58+75 RT	Overhead Transmission Line: Pole # 424024-007, Line Pole	Utility pole is located within the proposed roadway widening for new SB RT turn lane. The pole shall be temporarily relocated for storm sewer construction.	ComEd	All electrical line and utility pole relocations to be completed by ComEd.
All electrical line and conflicts noted abo	• •	ns to be completed by Cc	omEd – <b>Total 25 days</b>	duration to resolve all
Rand Road Sta. 56+00 RT	Comcast line on Comcast/ComEd shared pole: Pole # 424024- 007, Alley Arm (Towards) T LP Disconnect	Comcast/ComEd shared utility pole. Utility pole is located within the proposed roadway widening for new SB RT turn lane. The pole shall be temporarily relocated for storm sewer construction.	Comcast	All relocations of Comcast owned lines on the shared Comcast/ComEd poles to be completed by Comcast.
Rand Road Sta. 56+25 RT	Comcast line on Comcast/ComEd shared pole: Pole # 424024- 009, XFMR 3C2	Comcast/ComEd shared utility pole. Utility pole is located within the proposed roadway widening for new SB RT turn lane. The pole shall be temporarily relocated for storm sewer construction.	Comcast	All relocations of Comcast owned lines on the shared Comcast/ComEd poles to be completed by Comcast.

Rand Road Sta. 57+75 RT	Comcast line on Comcast/ComEd shared pole: Pole # 424024- 026, Tied T-LP	Comcast/ComEd shared utility pole. Utility pole is located within the proposed roadway widening for new SB RT turn lane. The poles shall be temporarily relocated for storm sewer construction.	Comcast	All relocations of Comcast owned lines on the shared Comcast/ComEd poles to be completed by Comcast.
Rand Road Sta. 58+75 RT	Comcast line on Comcast/ComEd shared pole: Pole # 424024- 007, Line Pole	Comcast/ComEd shared utility pole. Utility pole is located within the proposed roadway widening for new SB RT turn lane. The pole shall be temporarily relocated for storm sewer construction.	Comcast	All relocations of Comcast owned lines on the shared Comcast/ComEd poles to be completed by Comcast.
		on the shared Comcast/ onflicts noted above.	ComEd poles to be c	ompleted by Comcast –
Rand Road Sta. 56+00 RT	Aerial Fiber	Conflict with roadway and sidewalk construction. Joint use pole (ComEd) in conflict. See Aramis FID #46240134, 5BQ2MT-048.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 56+00 RT	Aerial Fiber	Conflict with roadway and sidewalk construction. Joint use pole (ComEd) in conflict. See Aramis FID #46242018, 5BQ2MT-048.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 56+25 RT	Aerial Fiber	Conflict with roadway and sidewalk construction. Joint use pole (ComEd) in conflict. See Aramis FID #46240134, 5BQ2MT-048.	AT&T	All communication lines to be relocated by AT&T.

Rand Road Sta. 57+80 RT	Aerial Fiber	Conflict with roadway and sidewalk construction. Joint use pole (ComEd) in conflict. See Aramis FID #46240134, 5BQ2MT-048.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 58+72 RT	Buried Copper	Conflict with roadway and sidewalk construction. Pedestal near the new curb. See Aramis FID #46249394, BKMA 400.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 58+78 RT	Aerial Fiber	Conflict with roadway and sidewalk construction. Joint use pole (ComEd) in conflict. See Aramis FID #46240134, 5BQ2MT-048.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 64+30 LT	Aerial Fiber	Potential conflict with Storm MH (S-12). See Aramis FID #46240411, 5BQ2MT-048.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 64+30 LT	Buried Copper	Potential conflict with Storm MH (S-12). See Aramis FID #46288795, ANMW- 400.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 65+41 LT	Aerial Fiber	AT&T pole in storm trench. See Aramis FID #46240411, 5BQ2MT-048.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 65+41 LT	Buried Copper	AT&T pole in storm trench. See Aramis FID #46288795, ANMW-400.	AT&T	All communication lines to be relocated by AT&T.
Rand Road Sta. 66+76 LT	Aerial Fiber	AT&T pole in storm trench. See Aramis FID #46240411, 5BQ2MT-048.	AT&T	All communication lines to be relocated by AT&T.

Rand Road Sta. 66+76 LT	Buried Copper	AT&T pole in storm trench. See Aramis FID #46288795, ANMW-400.	AT&T	All communication lines to be relocated by AT&T.		
All communication lines to be relocated by AT&T – Total 80 days duration to resolve all conflicts noted above.						

## Stage 2 / Stage 3

No conflicts to be resolved.

## Pre-Stage/Stage 1: 202 Days Total Installation Stage 2/3: 0 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
AT&T	Bruce Robbins	1000 Commerce Dr, Oak Brook, II 60523	(630) 573- 6471	br1831@att.com
Comcast	Robert Stoll	688 Industrial Drive, Elmhurst, IL 60126	(224) 229- 5851	Robert_Stoll2@comcast.com
ComEd	Tom Tumminaro	One Lincoln Centre Oakbrook Terrace, IL 60181	(630) 363- 8818	Thomas.Tumminaro@exeloncorp.com

Nicor	Charles Parrot	1844 Ferry Rd. Naperville, IL 60563	(630) 388- 3319	cparrot@southernco.com
Village of Palatine	Matthew D. Barry	20 South Ardmore Avenue, Villa Park, IL 60181	847-705- 5200	MBarry@palatine.il.us

## 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.

STAGE / LOCATION	ТҮРЕ	DESCRIPTION	OWNER	ACTION
Rand Road Sta. 55+50 to 58+10, 50' RT	Water Main	6" water main parallel to proposed storm sewer, appears to have less than 10' horizontal separation.	Village of Palatine	Facility has been recently retired.
Rand Road Sta. 55+50 to 58+10, 50' RT	Sanitary Sewer	Existing 8" sanitary sewer parallel to proposed storm sewer. Refer to SUE Plans for test holes data.	Village of Palatine	Watch and protect during construction.
Rand Road Sta. 58+10, 44' RT.	Sanitary Sewer and Water Main	Proposed storm sewer structure (S-55) is proposed near, possibly above, the existing sanitary sewer and water main.	Village of Palatine	Watch and protect during construction.

Rand Road Sta. 60+37 RT.	Overhead Transmission	Existing power pole no longer in conflict with sidewalk but watch during construction.	ComEd	Watch and protect during construction.
Rand Road from Sta. 66+30 to 67+10 Right	Water Main	Water main parallel to proposed storm sewer with less than 10 foot separation.	Village of Palatine	Watch and protect during construction.
Rand Road Sta. 66+39, 38' RT.	Sanitary Sewer	Proposed storm sewer (P-14) is proposed to cross over existing 10" sanitary sewer.	Village of Palatine	Watch and protect during construction.
Rand Road Sta. 66+88, 43' LT.	Sanitary Sewer	Proposed 36" storm sewer (P-13) is proposed to cross over existing 12" sanitary sewer. The clearance between the pipes will be approximately 0.06'.	Village of Palatine	Watch and protect during construction.
Dundee Road Sta. 66+87, 52' LT To Sta. 74+28, 52' LT.	Gas Main	Proposed 15" to 48" storm sewers (P-1 through P-5) to be constructed parallel to existing 18" gas main. Approximate distance between pipes is 7'.	Nicor	Watch and protect during construction.
Dundee Road Sta. 67+00 to 70+50, 75' LT	Water Main	Proposed storm sewer may be within 10' horizontal separation of existing water main (outside IDOT ROW).	Village of Palatine	Watch and protect during construction.
Rand Road Sta. 67+15, 26' RT	18" Steel Gas Main MOP, Top of gas approx. 723.86, Bottom of gas approx. 722.37.	Proposed 30" storm sewer (P-14) is in a direct conflict with existing 18" steel gas main. A minimum 30" of vertical clearance from 18" steel gas main is required.	Nicor	Watch and protect during construction.
Dundee Road Sta. 68+65, 68' LT	Water Main	Proposed 48" storm sewer in conflict with existing fire hydrant.	Village of Palatine	Watch and protect during construction.

Dundee Road Sta. 69+15, 62' LT	Water Main	Proposed 48" storm sewer (P-4A) to cross existing 12" water main. Storm sewer bottom of pipe elevation at 714.52. Nearby valve vault has a top of pipe elevation at 715.35.	Village of Palatine	Watch and protect during construction.
Dundee Road Sta. 74+28, 52' RT to 79+54, 53' RT	Sanitary Sewer	Proposed 18" storm sewer (P-17 and P- 21) is proposed parallel to existing sanitary sewer line. Depth and lateral clearance to be verified.	Village of Palatine	Watch and protect during construction.
Dundee Road Sta. 74+28 to 79+54, RT	Sanitary Sewer	10" sanitary sewer parallel to proposed storm sewer.	Village of Palatine	Watch and protect during construction.
Dundee Road Sta. 74+28, 52' RT to 79+54, 53' RT	Buried Fiber Optic	Proposed 18" storm sewer (P-17 and P- 21) including drainage structures (S-18, S- 19, and S-23) is proposed adjacent to existing UPN fiber optic line. Depth and lateral clearance to be verified: UPN as-built plans show approximate depth of 45-IN and approximate offset of 8-FT south from the existing edge of pavement.	UPN	Watch and protect during construction.
Dundee Road Sta. 76+49	Sanitary Sewer	Existing 8" sanitary sewer across Dundee Road crosses the proposed storm sewer pipe P-17.	Village of Palatine	Watch and protect during construction.

Frontage Road Sta. 50+50 to 57+50 RT Side; Sta. 53+20 and 56+30 (LT & RT Sides)	Underground electrical lines	Existing underground electrical lines are located within the proposed limits for reconstruction of Frontage Road. Depths and locations to be verified. "424122-034" & "424122-060"	ComEd	Watch and protect during construction.
Frontage Road Sta. 50+50 to 57+50 RT Side	Gas Main	Existing gas main is located within the proposed limits for reconstruction of Frontage Road. Depth and location to be verified.	Nicor	Watch and protect during construction.
Dundee Road Sta. 63+43 RT	Underground Duct	Ducts cross proposed 36" pipe (P-10). See Aramis FID #46236676, 12 inv.	AT&T	Watch and protect during construction.
Dundee Road Sta. 64+42 LT	Buried Copper	Cable in 1 pc. Crosses proposed 36" storm (P-9). See Aramis FID #46242133 afmw/pc- 900.	AT&T	Watch and protect during construction.
Dundee Road Sta. 89+94 LT	Buried Copper	Cable in 1 pc. cable crosses proposed 15" storm (P-27). Cable should be under existing culvert. See Aramis FID #46309545, alaw-900.	AT&T	Watch and protect during construction.
Rand Road Sta. 66+50 RT	Buried Copper	Cable crosses proposed storm (P- 15). See Aramis FID #46305905, almw- 400.	AT&T	Watch and protect during construction.
Rand Road Sta. 66+50 LT	Buried Copper	Cable crosses proposed storm (P- 13). See Aramis FID #46305905, almw- 400.	AT&T	Watch and protect during construction.

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.

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.

#### MAINTENANCE OF TRAFFIC

#### **Description:**

This work shall consist of furnishing, installing, maintaining, relocating, and removing all traffic control devices in accordance with Section 701 of the Standard Specifications, the MUTCD, applicable IDOT Highway Standards, applicable IDOT special provisions, and the Staging and Traffic Control plan.

#### Temporary Traffic Control Devices:

The following requirements shall be met for all traffic control devices.

- (a) When a sign is covered, the post shall have a reflective 3 inch x 6 inch delineator installed.
- (b) Signs shall be equipped with mono-directional type A amber flashing lights as required by IDOT Highway Standards, the MUTCD and as directed by the Engineer.
- (c) All type I and type II barricades, drums, and vertical barricades shall be equipped with mono-directional steady burning lights in multi lane sections and bi-directional steady burn lights in two-way-left-turn sections.
- (d) Type I or type II barricades, drums, or vertical panels with mono-directional steady-burn lights shall be required along temporary roads and side streets to delineate the traveled way within the construction zone.
- (e) All construction warning signs shall be black legend on orange background.
- (f) All "Road Construction Ahead" warning signs W20-I103(0)-48 shall be equipped with high intensity flashing lights.

#### CONSTRUCTION REQUIREMENTS

Installation. The arm shall be set at right angles to the centerline of pavement.

**<u>Basis Of Payment.</u>** This work will be paid for at the contract unit price each for **TEMPORARY MAST ARM, ALUMINUM, 15FT.** which shall be payment in full for the work specified herein.

#### **COMPLETION DATE PLUS WORKING DAYS**

Effective: September 30, 1985 Revised: January 1, 2007

Revise Article 108.05 (b) of the Standard Specifications as follows:

"When a completion date plus working days is specified, the Contractor shall complete all contract items and safely open all roadways to traffic by 11:59 PM on **September 30, 2021** except as specified herein.

The Contractor will be allowed to complete all clean-up work and punch list items within <u>5</u> working days after the completion date for opening the roadway to traffic. Under extenuating circumstances the Engineer may direct that certain items of work, not affecting the safe opening of the roadway to traffic, may be completed within the working days allowed for clean up work and punch list items. Temporary lane closures for this work may be allowed at the discretion of the Engineer.

Article 108.09 or the Special Provision for "Failure to Complete the Work on Time", if included in this contract, shall apply to both the completion date and the number of working days.

#### WORK RESTRICTION

The Contractor will be allowed to work on all items in the contract plans with the exception of drainage work west of Station 74+28. The Contractor cannot begin the specified drainage work until the Village of Palatine has completed their 16 inch sanitary forcemain relocation work which is scheduled to be completed by September 1, 2020.