



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 8, 2017

SUBJECT: FA Route SBI 172 (Milwaukee Ave)
Project STP-0172(002)
Section 2015-004B
Lake County
Contract No. 62A58
Item No. 5, June 16, 2017 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. Replaced the Schedule of Prices
2. Revised page ii of the Table of Contents to the Special Provisions
3. Revised pages 1-4, 35 & 36 to the Special Provisions
4. Added page 68 to the Special Provisions
5. Revised sheet 6 of the Plans

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

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Maureen M. Addis, P.E.
Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger" followed by a small "P.E." to the right.

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

cc: Anthony Quigley, Region 1, District 1; Tim Kell; Estimates

MS/ab

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 62A58

State Job # - C-91-251-15

County Name - LAKE - -

Code - 97 - -

District - 1 - -

Section Number - 2015-004B

Project Number

STP-0172/002/

*REVISED: JUNE 07, 2017

Route

SBI 172

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0322128	MEMBR WTRPR B STRUCT	SQ YD	77.000				
X0327037	SPECIAL GRATE NO. 1	EACH	1.000				
X5860110	GRANULAR BACKFILL STR	CU YD	48.000				
X7010218	TRAF CONT & PROT SPL	EACH	1.000				
X7015005	CHANGEABLE MESSAGE SN	CAL DA	60.000				
X7240600	REM RE-ERECT EX SIGN	EACH	2.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0030850	TEMP INFO SIGNING	SQ FT	12.500				
Z0073510	TEMP TR SIGNAL TIMING	EACH	5.000				
20100110	TREE REMOV 6-15	UNIT	6.000				
20101000	TEMPORARY FENCE	FOOT	48.000				
20101100	TREE TRUNK PROTECTION	EACH	3.000				
20101200	TREE ROOT PRUNING	EACH	3.000				
20101700	SUPPLE WATERING	UNIT	1.000				
20200100	EARTH EXCAVATION	CU YD	162.000				

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SBI 172

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
20201200	REM & DISP UNS MATL	CU YD	17.000				
20400800	FURNISHED EXCAVATION	CU YD	27.000				
20700220	POROUS GRAN EMBANK	CU YD	15.000				
21101625	TOPSOIL F & P 6	SQ YD	413.000				
25000210	SEEDING CL 2A	ACRE	0.100				
25000400	NITROGEN FERT NUTR	POUND	11.000				
25000500	PHOSPHORUS FERT NUTR	POUND	11.000				
25000600	POTASSIUM FERT NUTR	POUND	11.000				
25100115	MULCH METHOD 2	ACRE	0.100				
25100630	EROSION CONTR BLANKET	SQ YD	123.000				
25100635	HD EROS CONTR BLANKET	SQ YD	143.000				
25200110	SODDING SALT TOLERANT	SQ YD	147.000				
28000305	TEMP DITCH CHECKS	FOOT	28.000				
28000400	PERIMETER EROS BAR	FOOT	277.000				
28000500	INLET & PIPE PROTECT	EACH	4.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
28000510	INLET FILTERS	EACH	1.000				
28100103	STONE RIPRAP CL A2	SQ YD	5.000				
28100109	STONE RIPRAP CL A5	SQ YD	20.000				
28200200	FILTER FABRIC	SQ YD	25.000				
30300001	AGG SUBGRADE IMPROVE	CU YD	6.000				
30300112	AGG SUBGRADE IMPR 12	SQ YD	89.000				
31101100	SUB GRAN MAT B	CU YD	1.000				
31102000	SUB GRAN MAT C	CU YD	13.000				
35501313	HMA BASE CSE 7 1/4	SQ YD	120.000				
40600275	BIT MATLS PR CT	POUND	232.000				
40600290	BIT MATLS TACK CT	POUND	121.000				
40600635	LEV BIND MM N70	TON	7.000				
40603340	HMA SC "D" N70	TON	32.000				
42101300	PROTECTIVE COAT	SQ YD	6.000				
42400200	PC CONC SIDEWALK 5	SQ FT	215.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
44000100	PAVEMENT REM	SQ YD	120.000				
44000160	HMA SURF REM 2 3/4	SQ YD	160.000				
44000500	COMB CURB GUTTER REM	FOOT	145.000				
48203029	HMA SHOULDERS 8	SQ YD	106.000				
50100100	REM EXIST STRUCT	EACH	1.000				
50200100	STRUCTURE EXCAVATION	CU YD	75.000				
50200450	REM/DISP UNS MATL-STR	CU YD	20.000				
50800205	REINF BARS, EPOXY CTD	POUND	12,864.000				
51500100	NAME PLATES	EACH	1.000				
54003000	CONC BOX CUL	CU YD	65.000				
550A0160	STORM SEW CL A 1 36	FOOT	8.000				
550A4700	SS CL A 1 EQRS 42	FOOT	16.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	13.000				
60600095	CLASS SI CONC OUTLET	CU YD	3.000				
60605000	COMB CC&G TB6.24	FOOT	100.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
63000350	LSG OV CUL 12'6" SPAN	FOOT	37.500				
63100045	TRAF BAR TERM T2	EACH	1.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	1.000				
*REV 66900200	NON SPL WASTE DISPOSL	CU YD	233.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	1.000				
67000400	ENGR FIELD OFFICE A	CAL MO	1.000				
67100100	MOBILIZATION	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	170.000				
70300150	SHRT TRM PAVT MK REM	SQ FT	57.000				
72501000	TERMINAL MARKER - DA	EACH	2.000				
78000200	THPL PVT MK LINE 4	FOOT	170.000				

CONTRACT NUMBER

62A58

THIS IS THE TOTAL BID

\$ _____

NOTES:

- 1. Each PAY ITEM should have a UNIT PRICE and a TOTAL PRICE.**
- 2. The UNIT PRICE shall govern if no TOTAL PRICE is shown or if there is a discrepancy between the product of the UNIT PRICE multiplied by the QUANTITY.**
- 3. If a UNIT PRICE is omitted, the TOTAL PRICE will be divided by the QUANTITY in order to establish a UNIT PRICE.**
- 4. A bid may be declared UNACCEPTABLE if neither a unit price nor a total price is shown.**

WEEKLY DBE TRUCKING REPORTS (BDE)..... 63
WORKING DAYS (BDE)..... 64
STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)..... 64
REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES..... 68

Revised 6/8/17

STATE OF ILLINOIS

SPECIAL PROVISIONS

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted April 1, 2016, the latest edition of the "Manual on Uniform Traffic Control Devices for Streets and Highways," and the "Manual of Test Procedures for Materials" in effect on the date of invitation for bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included herein which apply to and govern the construction of FA Route SBI 172 (Milwaukee Ave), Project STP-0172(002), Section 2015-004B Lake County, Contract No. 62A58 and in case of conflict with any part or parts of said Specifications, the said Special Provisions shall take precedence and shall govern.

FA Route SBI 172 (Milwaukee Ave)
Project STP-0172(002)
Section 2015-004B
Lake County
Contract No. 62A58

LOCATION OF PROJECT

The project is located at Milwaukee Ave. over ditch south IL Route 132 in the Village of Gurnee, Warren Township, Lake County. The net length is 100ft (0.01 miles) and gross length is 100 lineal feet (0.01 miles).

DESCRIPTION OF PROJECT

The existing 10ft x 5ft box culvert (S.N. 049-0593) is proposed to be replaced by in kind 10ft W x 5ft H box culvert (SN 049-0613). Proposed improvements consist of culvert replacement, reconstruction of the roadway pavement, resurfacing, striping, erosion control, guardrail and any collateral or incidental work necessary to complete this improvement as shown on the plans and described herein.

STATUS OF UTILITIES (D-1)

Effective: June 1, 2016

Utility companies and/or municipal owners located within the construction limits of this project have provided the following information in regard to their facilities and the proposed improvements. The tables below contain a description of specific conflicts to be resolved and/or facilities which will require some action on the part of the Department's contractor to proceed with work. Each table entry includes an identification of the action necessary and, if applicable, the estimated duration required for the resolution.

Added 6/8/17

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
None Anticipated				

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
None Anticipated				

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	RESPONSIBLE AGENCY	ACTION
None Anticipated				

No conflicts to be resolved (or if there are conflicts they are to be listed as noted above)

Pre-Stage: _____ Days Total Installation
 Stage 1: _____ Days Total Installation
 Stage 2: _____ Days Total Installation

Revised 6/8/17

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
None Anticipated				

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
None Anticipated				

Stage 1

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
Along west side of Milwaukee Av. within the right-of way	Water	6inch water main is close to the upstream of culvert in construction	Village of Gurnee	Hand digging may be necessary around the 36inch and 42inch pipes
Along west side of Milwaukee Av. within the right-of way	Gas	6inch gas main is close to the upstream of culvert in construction	Nicor	Hand digging may be necessary around the 36inch and 42inch pipes
Along west side of Milwaukee Av. within the right-of way	Electrical	Overhead <34,000 volts	ComEd	De-energizing ComEd's distribution lines may be necessary in order to accommodate Contractor equipment. Call 1-800- EDISON1

Revised 6/8/17

Stage 2

STAGE / LOCATION	TYPE	DESCRIPTION	OWNER	ACTION
None Anticipated				

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
None Anticipated				

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.

Note: In stage 1 under utilities to be watched and protected description of ComEd got revised.

Revised 6/8/17

MEMBRANE WATERPROOFING FOR BURIED STRUCTURES

Effective: October 4, 2016

Revised: May 23, 2017

Description. This work shall consist of furnishing and applying a self adhesive membrane waterproofing system to the top slab and sidewalls, or portions thereof, for buried structures as detailed on the contract plans.

Materials. The material used in the waterproofing system shall consist of a cold-applied, self-adhering membrane incorporating a woven or non-woven polypropylene or polyethylene mesh or fiberglass reinforcement with release film on one side.

The sheet membrane shall have the following physical properties:

Physical Properties	
Thickness ASTM D 1777	60 mils (1.500 mm) min.
Width	36 inches (914 mm) min.
Pliability [180° bend over 1/4 inch (6 mm) mandrel @ -25 °F (-32 °C)] ASTM D 146	No Effect
Elongation ASTM D 412 (Die C) or ASTM D4632	50% min
Puncture Resistance-Membrane ASTM E 154	40 lb (18 kg) min.
Permeance (Grains/ft ² /hr/in Hg) ASTM E 96, Method B	0.1 max.
Water Absorption (% by Weight) ASTM D 570	0.2 max.
Adhesion to concrete ASTM D 903	5.0 lb/in (89 g/mm) min.

Certification: Prior to approval and use of the material the Contractor shall submit, to the Engineer, a notarized certification by an independent test laboratory stating that the materials conform to the requirements of these specifications. The certification shall include or have attached specific results of tests performed on the material supplied. The Engineer may at his option require samples of any material for testing. Materials may be accepted on certification but are subject to control and/or approval by subsequent testing.

Construction. The areas requiring waterproofing shall be prepared and the waterproofing installed in accordance with the manufacturer’s instructions. Surfaces to be waterproofed shall be smooth and free from projections which might damage the waterproofing membrane. Projections or depressions on the surface on which the membrane is to be applied that may cause damage to the membrane shall be removed or filled as directed by the Engineer. The surface shall be power washed and cleaned of dust, dirt, grease, and loose particles, and shall be dry before the waterproofing is applied.

The installation of the sheet membrane shall be such that all joints are shingled to shed water by commencing from the lowest elevation of the buried structure’s top slab and progress towards the highest elevation. The membrane strips shall be overlapped a minimum of 2 ½ inches (64 mm). The membrane shall be smooth and free of wrinkles and there shall be no depressions in horizontal surfaces of the finished waterproofing.

Revised 6/8/17

Sealing bands at joints between precast segments shall be installed prior to the sheet membrane being applied. Where the waterproofing membrane and sealing band overlap, the installation shall be planned such that water will not be trapped or directed underneath the membrane or sealing band.

Care shall be taken to protect and to prevent damage to the membrane surface prior to and during backfilling operations. The sheet membrane shall be removed as required for the installation of slab mounted guardrails and other appurtenances. After the installation is complete, the sheet membrane shall be repaired and sealed against water intrusion according to the manufacturer's instructions and to the satisfaction of the Engineer.

Replace the last paragraph of Article 540.06 Precast Concrete Box Culverts and replace with:

Handling holes shall be filled with a polyethylene plug. The plug shall not project beyond the inside surface after installation nor project above the outside surface to the extent that may cause damage to the membrane. When metal lifting inserts are used, their sockets shall be filled with mastic or mortar compatible with the membrane.

Method of Measurement. The waterproofing system will be measured in place, in square yards (square meters) of the concrete surface to be waterproofed.

Basis of Payment. This work will be paid for at the contract unit price, per square yard (square meter) for MEMBRANE WATERPROOFING FOR BURIED STRUCTURES.

TRAFFIC CONTROL AND PROTECTION (ARTERIALS)

Effective: February 1, 1996

Revised: March 1, 2011

Specific traffic control plan details and Special Provisions have been prepared for this contract. This work shall include all labor, materials, transportation, handling and incidental work necessary to furnish, install, maintain and remove all traffic control devices required as indicated in the plans and as approved by the Engineer.

When traffic is to be directed over a detour route, the Contractor shall furnish, erect, maintain and remove all applicable traffic control devices along the detour route according to the details shown in the plans.

Method of Measurement: All traffic control (except "Traffic Control and Protection (Expressways)" and temporary pavement markings) indicated on the traffic control plan details and specified in the Special Provisions will be measured for payment on a lump sum basis.

Basis of Payment: All traffic control and protection will be paid for at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION (SPECIAL).

Temporary pavement markings will be paid for separately unless shown on a Standard.

Revised 6/8/17