



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 28, 2016

SUBJECT: Various Routes  
Section 15-00118-00-LT (Schaumburg)  
Cook-DuPage Counties  
Contract No. 61D03  
Item 33  
November 4, 2016 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 sheet 5 of the Plans.**
- 2. Replaced the Schedule of Prices.**
- 3. Revised the Index of Special Provisions.**
- 4. Added pages 14A & 14B to the Special Provisions.**
- 5. Revised page 42 of the Special Provisions.**

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.  
Acting Bureau Chief of Design and Environment

A handwritten signature in black ink, reading "Ted B. Walschleger P.E.".

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

STATE JOB #- C-91-300-16  
 PPS NBR -

SCHEDULE OF PRICES  
 CONTRACT NUMBER - 61D03

RUN DATE - 10/27/16  
 RUN TIME - 183024

\*

COUNTY NAME	CODE	DIST	SECTION NUMBER	PROJECT NUMBER	ROUTE
COOK	031	01	15-00118-00-LT (SCHAUMBURG)	M-4003/753/000	VARIOUS

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
XX006851	PAVT RESTORATION SPEC *	SQ YD	10.000 X	=		=	
XX008068	LUMINAIRE INST TYPE 1	EACH	5.000 X	=		=	
XX008069	LUMINAIRE INST TYPE 2	EACH	189.000 X	=		=	
XX008736	LT P A 47.5MH 15MA PT	EACH	1.000 X	=		=	
XX009090	REM LUMINAIRE SALVAGE	EACH	21.000 X	=		=	
XX009148	LUMINAIRE INST TYPE 3	EACH	1.000 X	=		=	
XX009149	LUMINAIRE INST T1 MO	EACH	1.000 X	=		=	
XX009150	LUMINAIRE INST T2 MO	EACH	3.000 X	=		=	
X0322708	REM EX ST LIGHT EQUIP	EACH	16.000 X	=		=	
X0327036	BIKE PATH REM	SQ YD	291.000 X	=		=	
X2130010	EXPLOR TRENCH SPL *	FOOT	100.000 X	=		=	
X4240430	PC CONC SIDEWALK 5 SP	SQ FT	2,857.000 X	=		=	
X8300640	LT P A 30MH 10MA MO	EACH	1.000 X	=		=	
X8300840	LT P A 40MH 10MA MO	EACH	1.000 X	=		=	
X8301040	MA ALUM 10FT	EACH	16.000 X	=		=	

\* Revised 10/28/2016

SCHEDULE OF PRICES  
CONTRACT NUMBER - 61D03

VARIOUS 15-00118-00-LT (SCHAUMBURG) \*  
COOK

RUN DATE - 10/27/16  
RUN TIME - 183024

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
X8305077	LT P A 47.5MH 10MA MO	EACH	1.000 X	=	=	=	=
X8305080	LT P A 47.5MH 12MA MO	EACH	1.000 X	=	=	=	=
X8360035	LP F M11.5 8 5/8X6 MO	EACH	1.000 X	=	=	=	=
X8360036	LP F M 15BC 10 X 8 MO	EACH	2.000 X	=	=	=	=
X8360215	LIGHT POLE FDN 24D OS	FOOT	312.000 X	=	=	=	=
X8360356	LP F M 15BC 8 5/8X6MO	EACH	1.000 X	=	=	=	=
X8380075	BKWY DEV TR BS SP	EACH	1.000 X	=	=	=	=
X8380105	BKWY DEV TB 11.5BC MO	EACH	1.000 X	=	=	=	=
X8380205	BKWY DEV TR B 15BC MO	EACH	3.000 X	=	=	=	=
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000 X	=	=	=	=
Z0030850	TEMP INFO SIGNING	SQ FT	257.000 X	=	=	=	=
Z0033028	MAINTAIN LIGHTING SYS	CAL MO	10.000 X	=	=	=	=
Z0076600	TRAINEES	hour	500.000 X	=	0.80	=	400.00
Z0076604	TRAINEES TPG	hour	500.000 X	=	15.00	=	7,500.00
21101615	TOPSOIL F & P 4	SQ YD	2,687.000 X	=	=	=	=

\* Revised 10/28/2016

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
25000400	NITROGEN FERT NUTR	POUND	36.000 X	=	=	=	=
25000500	PHOSPHORUS FERT NUTR	POUND	36.000 X	=	=	=	=
25000600	POTASSIUM FERT NUTR	POUND	36.000 X	=	=	=	=
25200100	SODDING	SQ YD	2,687.000 X	=	=	=	=
25200200	SUPPLE WATERING	UNIT	42.000 X	=	=	=	=
42001300	PROTECTIVE COAT	SQ YD	335.000 X	=	=	=	=
42400800	DETECTABLE WARNINGS	SQ FT	45.000 X	=	=	=	=
44000500	COMB CURB GUTTER REM	FOOT	55.000 X	=	=	=	=
44000600	SIDEWALK REM	SQ FT	1,231.000 X	=	=	=	=
60605000	COMB CC&G TB6.24	FOOT	55.000 X	=	=	=	=
66900200	NON SPL WASTE DISPOS	CU YD	35.000 X	=	=	=	=
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000 X	=	=	=	=
66900530	SOIL DISPOSAL ANALY	EACH	5.000 X	=	=	=	=
67100100	MOBILIZATION	L SUM	1.000 X	=	=	=	=
70102620	TR CONT & PROT 701501	L SUM	1.000 X	=	=	=	=

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
70102622	TR CONT & PROT 701502	L SUM	1.000 X				
70102625	TR CONT & PROT 701606	L SUM	1.000 X				
70102630	TR CONT & PROT 701601	L SUM	1.000 X				
70102635	TR CONT & PROT 701701	L SUM	1.000 X				
70102640	TR CONT & PROT 701801	L SUM	1.000 X				
72000100	SIGN PANEL T1	SQ FT	1.000 X				
80400100	ELECT SERV INSTALL	EACH	6.000 X				
80400200	ELECT UTIL SERV CONN	L SUM	1.000 X	30,000	00	30,000	00
81028210	UNDRGRD C GALVS 2 1/2	FOOT	1,200.000 X				
81028240	UNDRGRD C GALVS 4	FOOT	5,585.000 X				
81603032	UD 2#4#6G XLPUSE 1.25	FOOT	92.000 X				
81603047	UD 3#6#6G XLPUSE 1.25	FOOT	38,007.000 X				
81603090	UD 3#4#6G XLPUSE 1 1/4	FOOT	655.000 X				
81702400	EC C XLP USE 3-1C 2	FOOT	1,260.000 X				
82500360	LT CONT BASEM 480V100	EACH	6.000 X				

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ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
83006400	LT P A 30MH 10MA	EACH	4.000 X				
83008400	LT P A 40MH 10MA	EACH	38.000 X				
83050770	LT P A 47.5MH 10MA	EACH	90.000 X				
83050800	LT P A 47.5MH 12MA	EACH	41.000 X				
83050810	LT P A 47.5MH 15MA	EACH	1.000 X				
83600352	LP F M 11.5BC 8 5/8X6	EACH	4.000 X				
83600356	LP F M 15BC 8 5/8X6	EACH	38.000 X				
83600365	LP F M 15BC 10" X 8'	EACH	132.000 X				
83800105	BKWY DEV TR B 11.5BC	EACH	4.000 X				
83800205	BKWY DEV TR B 15BC	EACH	170.000 X				
84200500	REM LT UNIT SALV	EACH	15.000 X				
84200804	REM POLE FDN	EACH	12.000 X				
89502300	REM ELCBL FR CON	FOOT	17,154.000 X				

TOTAL \$

\* Revised 10/28/2016

NOTE: \*\*\* PLEASE TURN PAGE FOR IMPORTANT NOTES \*\*\*

NOTE:

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.

\* Revised 10/28/2016

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## **Exploration Trench, Special**

Description. This work shall consist of excavating a trench for the purpose of locating existing utilities when digging for light pole foundations or installing conduits and unit ducts within the limit of the proposed improvement. Exploration trench must be approved by the Engineer before digging. The trench shall be deep enough to expose the utility but not more than one foot deeper than the utility and the width of the trench shall be sufficient to allow proper investigation to determine if it is in conflict with the proposed lighting foundation or installation of conduits and unit ducts.

After the trench has been inspected by the Engineer, the exploration trench shall be backfilled with gradation CA 6 stone to the bottom of the topsoil for parkway areas and to the bottom of the concrete patch in a pavement area. The cost of CA 6 shall be included in the item of Exploration Trench, Special. Any excess material shall be disposed of according to Article 202.03, and the area shall be shaped and trimmed according to Section 212.

Exploration trench within the pavement shall be temporarily filled with cold patch if permanent concrete patch is not poured, in order to open the road to traffic. The cost of the cold patch shall not be paid for separately but will be included in the item of Exploration Trench, Special.

An estimated quantity for Exploration Trench, Special has been shown in the Summary of Quantities to establish a unit price only, and payment shall be based on the actual length without a change in unit price because of adjustment in plan quantities.

Basis of Payment. This item shall be paid for at the contract unit price per foot for EXPLORATION TRENCH, SPECIAL, of the depth specified above. This item shall include all materials, labor and equipment necessary to perform the work in accordance with the Standard Specifications and the plan documents and as herein specified. No extra compensation will be allowed for any delays, inconveniences or damage sustained by the Contractor in performing this work.

## **Pavement Restoration (Special)**

Description. This work shall consist of pavement restoration after excavating for exploration trench special within pavement.

The maximum area of the pavement restoration will be 2' x 2' per location, any area larger shall be approved by the Engineer. The depth of the restoration shall match the existing pavement up to 12" maximum. Existing pavement removal, including cold patch removal, will be performed per Article 442.05, Pavement Removal, in the Standard Specification.

To minimize closure time of pavement, rapid hardening concrete will be used for pavement restoration. The cement shall be a rapid hardening cement from the Department's qualified product list for PP-4 and calcium aluminate cement for PP-5.

Following placement, the concrete shall be struck off, consolidated, and finished to an elevation of the existing adjacent pavement.

Basis of Payment. This item shall be paid for at the contract unit price per square yards for PAVEMENT RESTORATION (SPECIAL). This item shall include all materials, labor and equipment necessary to perform the work as herein specified.

### **Landscaped Restoration**

Landscaped restoration will be paid for under the bid price of pay items for TOPSOIL FURNISHED AND PLACE, 4" and SODDING. Area of restoration include new foundations, existing foundation removal, at ends of conduit crossing, and at the sidewalk / bike path removal and replacement. The total restoration area is based on the following estimated area per location:

- New foundation = 75 sf
- Existing foundation to be removed = 100 sf
- Conduit crossing = 100 sf

Additional restoration area will need to be approved by the resident Engineer. No additional compensation will be provided for restoration of payment for landscape.

- Rated for -40°C to 40°C ambient air temperature range
- Color temperature of 4000K
- Fixture wattage of 138 watts or 224 watts

#### Electronic Drivers

- Performance package for Luminaire Installation, Type 1 is 138 watt luminaire, 40B LED chips with drive current of 1000 mA and 15,519 lumens.
- Performance package for Luminaire Installation, Type 2 and Type 3 is 224 watt luminaire, 80B LED chips with drive current of 850 mA and 25,955 lumens.
- LED light engines are rated > 100,000 hours at 25°C, L70. Electric driver has a rated life of 100,000 hours at a 25°C ambient.
- IEEE/ANSI C62.41 Category C (10kV/5kV) level of surge protection.

#### Housing

- Autobahn Series ATB2 is 31" long x 14" wide x 4" high with an approximate weight of 21 lbs.
- Die cast aluminum housing.
- Color: Gray or Black (color must be approved with local agencies before purchasing)
- The luminaire shall include a fully prewired, 7 pin twist lock ANSI C136-41 – compliant receptacle. Unused pins shall be connected as directed by the Manufacturer and approved by the Engineer. A shorting cap shall be provided with the luminaire.
- All luminaires shall be vibration tested and pass ANSI C136.31 requirements. Luminaires shall be rated for "3G" peak acceleration. Vibration testing shall be run using the same luminaire in all three axes.

#### Finish

- Housing is polyester powder-coated for durability and corrosion resistance.
- Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 1,000 hours exposure to salt fog chamber (operate per ASTM B117)

#### Warranty

- All electrical components warranted for 5 years minimum

Type 1 – ATB2 40BLEDE10 MVOLT R3  
Type 2 – ATB2 80BLEDE85 MVOLT R3  
Type 3 - ATB2 80BLEDE85 MVOLT R3 BK

Submittal Requirements. The Contractor shall submit, for approval, an electronic version of all associated luminaire IES files, AGi32 files and the TM-21 or TM-28 calculator spreadsheet with inputs and reports associated with the project luminaires. The Contractor shall also provide (as a minimum) an electronic (PDF) version of each of the following manufacturer's product data for each type of luminaire:

1. Descriptive literature and catalogue cuts for luminaire, LED driver, and surge protection device.
2. LED drive current, total luminaire input wattage and total luminaire current at the system operating voltage or voltage range and ambient temperature of 25 C.