



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 6, 2011

SUBJECT: FAP Route 343 (IL 68)
Project F-0343 (017)
Section 98-B
Cook County
Contract No. 60H20
Item No. 104, January 21, 2011 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 pages 121 - 123 of the Special Provisions.
3. Revised sheet 4 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,

Scott E. Stitt, P.E.
Acting Engineer of Design and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger P.E.'.

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

cc: Diane O'Keefe, Region 1, District 1; Mike Renner; R. E. Anderson;
Estimates

TBW:MS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60H20

State Job # - C-91-583-09
 PPS NBR - 1-77363-0000
 County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - 98-B

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Route
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* REVISED : JANUARY 6, 2011

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
XZ191305	AGG SUBGRADE	TON	370.000				
X0301339	REM EX PARKING BLOCKS	EACH	9.000				
X0323330	PCC SUBSTRUCTURE	L SUM	1.000				
X0323378	CONC PARKING BLOCKS	EACH	9.000				
X0324032	3-SIDED PCC STR 36X11	FOOT	86.000				
X0325241	TEMP PAVT 11	SQ YD	170.000				
X0325290	CORED DRAIN HOLES	EACH	7.000				
* DELETED							
* DELETED							
X0325938	TEMP WIR INTERCON COM	L SUM	1.000				
X4404000	PARKING LOT PAVT REM	SQ YD	1,240.000				
X5630008	CUT & CAP EX 8 WM	EACH	2.000				
X5640150	FIRE HYDNT ASSY COMP	EACH	3.000				
X6020098	MAN TA 9 DIA T1F CL	EACH	1.000				
X6026622	VV REMOVED	EACH	4.000				

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X6640300	CH LK FENCE REMOV	FOOT	30.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7030104	WET TEM PM TAPE T3 4	FOOT	7,800.000				
X8710020	FOCC62.5/125 MM12SM12	FOOT	2,977.000				
Z0001050	AGG SUBGRADE 12	SQ YD	4,650.000				
Z0001900	ASB BEARING PAD REMOV	EACH	40.000				
Z0004544	HMA DRIVWY PAVT REM	SQ YD	22.000				
Z0004552	APPROACH SLAB REM	SQ YD	222.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0026407	TEMP SHT PILING	SQ FT	2,700.000				
Z0030275	IMP ATTN TEMP SUN TL2	EACH	2.000				
Z0030355	IMP ATTN REL S U TL2	EACH	2.000				
Z0033066	TRACER CABLE	FOOT	2,960.000				
Z0042002	POROUS GRAN EMB SUBGR	CU YD	144.000				
Z0044800	PRESS CONNECT 8X8	EACH	2.000				

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Z0067600	STEEL CASINGS 18	FOOT	160.000				
Z0067900	STEEL CASINGS 24	FOOT	75.000				
Z0073002	TEMP SOIL RETEN SYSTM	SQ FT	500.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	2.000				
20100110	TREE REMOV 6-15	UNIT	332.000				
20100210	TREE REMOV OVER 15	UNIT	151.000				
20200100	EARTH EXCAVATION	CU YD	2,225.000				
20201200	REM & DISP UNS MATL	CU YD	750.000				
20300100	CHANNEL EXCAVATION	CU YD	210.000				
20700220	POROUS GRAN EMBANK	CU YD	2,610.000				
20800150	TRENCH BACKFILL	CU YD	1,040.000				
21101615	TOPSOIL F & P 4	SQ YD	3,010.000				
25000310	SEEDING CL 4	ACRE	0.060				
25000400	NITROGEN FERT NUTR	POUND	168.000				
25000600	POTASSIUM FERT NUTR	POUND	168.000				

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25100630	EROSION CONTR BLANKET	SQ YD	9,320.000				
25200110	SODDING SALT TOLERANT	SQ YD	2,788.000				
28000250	TEMP EROS CONTR SEED	POUND	1,865.000				
28000400	PERIMETER EROS BAR	FOOT	1,631.000				
28000510	INLET FILTERS	EACH	20.000				
28100107	STONE RIPRAP CL A4	SQ YD	330.000				
28200200	FILTER FABRIC	SQ YD	420.000				
35501316	HMA BASE CSE 8	SQ YD	165.000				
40300100	BIT MATLS PR CT	GALLON	3,115.000				
40600300	AGG PR CT	TON	80.000				
40600895	CONSTRUC TEST STRIP	EACH	2.000				
40600982	HMA SURF REM BUTT JT	SQ YD	51.000				
40603240	P HMA BC IL19.0 N90	TON	284.000				
40603310	HMA SC "C" N50	TON	155.000				
40603595	P HMA SC "F" N90	TON	330.000				

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40701926	HMA PAVT FD 12 1/4	SQ YD	3,340.000				
40800050	INCIDENTAL HMA SURF	TON	40.000				
42000300	PCC PVT 8	SQ YD	360.000				
42400200	PC CONC SIDEWALK 5	SQ FT	5,240.000				
42400410	PC CONC SIDEWALK 8	SQ FT	1,416.000				
42400800	DETECTABLE WARNINGS	SQ FT	224.000				
44000100	PAVEMENT REM	SQ YD	2,335.000				
44000157	HMA SURF REM 2	SQ YD	2,465.000				
44000200	DRIVE PAVEMENT REM	SQ YD	552.000				
44000500	COMB CURB GUTTER REM	FOOT	1,990.000				
44000600	SIDEWALK REM	SQ FT	11,080.000				
50100100	REM EXIST STRUCT	EACH	1.000				
50200100	STRUCTURE EXCAVATION	CU YD	2,550.000				
50300225	CONC STRUCT	CU YD	210.000				
50800205	REINF BARS, EPOXY CTD	POUND	17,420.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
50800515	BAR SPLICERS	EACH	26.000				
50901720	BICYCLE RAILING	FOOT	38.000				
50901750	PARAPET RAILING	FOOT	75.000				
51500100	NAME PLATES	EACH	1.000				
550A0330	STORM SEW CL A 2 10	FOOT	19.000				
550A0340	STORM SEW CL A 2 12	FOOT	80.000				
550A0410	STORM SEW CL A 2 24	FOOT	72.000				
550A0480	STORM SEW CL A 2 48	FOOT	65.000				
55101200	STORM SEWER REM 24	FOOT	42.000				
55101900	STORM SEWER REM 48	FOOT	33.000				
56100500	WATER MAIN 4	FOOT	10.000				
56100600	WATER MAIN 6	FOOT	210.000				
56100700	WATER MAIN 8	FOOT	30.000				
56100900	WATER MAIN 12	FOOT	940.000				
56104800	WATER VALVES 4	EACH	1.000				

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56104900	WATER VALVES 6	EACH	2.000				
56105200	WATER VALVES 12	EACH	2.000				
56200300	WATER SERV LINE 1	FOOT	210.000				
56200700	WATER SERV LINE 2	FOOT	25.000				
56400500	FIRE HYDNPTS TO BE REM	EACH	3.000				
60107600	PIPE UNDERDRAINS 4	FOOT	240.000				
60221100	MAN TA 5 DIA T1F CL	EACH	2.000				
60234200	INLETS TA T1F OL	EACH	5.000				
60240210	INLETS TB T1F OL	EACH	4.000				
60248900	VV TA 5 DIA T1F CL	EACH	6.000				
60255500	MAN ADJUST	EACH	1.000				
60257900	MAN RECONST	EACH	1.000				
60262700	INLETS RECONST	EACH	1.000				
60500060	REMOV INLETS	EACH	9.000				
60600605	CONC CURB TB	FOOT	336.000				

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60605000	COMB CC&G TB6.24	FOOT	1,842.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	145.000				
63100085	TRAF BAR TERM T6	EACH	2.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	2.000				
63200310	GUARDRAIL REMOV	FOOT	30.000				
67000400	ENGR FIELD OFFICE A	CAL MO	9.000				
67100100	MOBILIZATION	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	180.000				
70300100	SHORT TERM PAVT MKING	FOOT	943.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	1,690.000				
70400100	TEMP CONC BARRIER	FOOT	980.000				
70400200	REL TEMP CONC BARRIER	FOOT	970.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	161.200				
78000200	THPL PVT MK LINE 4	FOOT	3,230.000				
78000400	THPL PVT MK LINE 6	FOOT	20.000				

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78000600	THPL PVT MK LINE 12	FOOT	36.000				
78100100	RAISED REFL PAVT MKR	EACH	100.000				
78200200	BIDIR PRIS BAR REFL	EACH	79.000				
78200410	GUARDRAIL MKR TYPE A	EACH	2.000				
78201000	TERMINAL MARKER - DA	EACH	2.000				
78300100	PAVT MARKING REMOVAL	SQ FT	1,335.000				
78300200	RAISED REF PVT MK REM	EACH	95.000				
81000600	CON T 2 GALVS	FOOT	1,708.000				
81018500	CON P 2 GALVS	FOOT	887.000				
81400100	HANDHOLE	EACH	5.000				
81900200	TR & BKFIL F ELECT WK	FOOT	1,708.000				
85000200	MAIN EX TR SIG INSTAL	EACH	2.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	401.000				
87900200	DRILL EX HANDHOLE	EACH	2.000				
88600100	DET LOOP T1	FOOT	66.000				

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89502300	REM ELCBL FR CON	FOOT	698.000				
89502380	REMOV EX HANDHOLE	EACH	10.000				

- Note 1. The Contractor may use 5/8 inch (16 mm) instead of 3/4 inch (19 mm) thick plywood.
- Note 2. Type A sheeting can be used on the plywood base.
- Note 3. All sign faces shall be Type A except all orange signs shall meet the requirements of Article 1106.01.
- Note 4. The overlay panels shall be 0.08 inch (2 mm) thick.

GENERAL CONSTRUCTION REQUIREMENTS

Installation.

The sign sizes and legend sizes shall be verified by the Contractor prior to fabrication.

Signs which are placed along the roadway and/or within the construction zone shall be installed according to the requirements of Article 701.14 and Article 720.04. The signs shall be 7 ft (2.1 m) above the near edge of the pavement and shall be a minimum of 2 ft (600 mm) beyond the edge of the paved shoulder. A minimum of two (2) posts shall be used.

The attachment of temporary signs to existing sign structures or sign panels shall be approved by the Engineer. Any damage to the existing signs due to the Contractor's operations shall be repaired or signs replaced, as determined by the Engineer, at the Contractor's expense.

Signs which are placed on overhead bridge structures shall be fastened to the handrail with stainless steel bands. These signs shall rest on the concrete parapet where possible. The Contractor shall furnish mounting details for approval by the Engineer.

Method Of Measurement.

This work shall be measured for payment in square feet (square meters) edge to edge (horizontally and vertically).

All hardware, posts or skids, supports, bases for ground mounted signs, connections, which are required for mounting these signs will be included as part of this pay item.

Basis Of Payment.

This work shall be paid for at the contract unit price per square foot (square meter) for TEMPORARY INFORMATION SIGNING.

THREE SIDED PRECAST CONCRETE STRUCTURE

Effective: July 12, 1994

Revised: December 23, 2010

This work shall consist of furnishing and installing the three-sided precast concrete structure according to applicable portions of Sections 503 and 504 of the Standard Specifications. All three-sided precast concrete structures, precast headwalls, precast wingwalls and precast footings shall be produced according to the Department's latest Policy Memorandum "Quality Control/ Quality Assurance Program for Precast Products".

The three-sided concrete structure shall be designed according to the AASHTO specifications, shown on the structure plans, and shall include the effects of unyielding foundation conditions for the sequence of construction anticipated.

Revised 01/03/2011

The Contractor shall be responsible for diverting the water from the construction area using a method meeting the approval of the Engineer. The cost of diverting the water shall be considered as included in the contract unit price bid for the three sided structure being constructed and no additional compensation will be allowed.

For structures over water, 3 in. (75mm) diameter drain openings, spaced at 8 ft (2.4 m) centers, 2 ft (600 mm) above the flow line shall be provided according to Article 503.11.

Except as follows, all joints between segments shall be sealed according to Article 540.06 with 13 inch (330 mm) wide external sealing bands. When the minimum fill over the structure, between the edges of the shoulders, is less than or equal to 3 ft. (1 m), the top joints between segments shall also be secured with a previously approved mechanical connection. The mechanical connection shall be used to connect a minimum length of 12 ft. (3.65 m) of exterior segments at each end of the structure. There shall be a minimum of 4 mechanical connections per joint with a maximum spacing of 10 ft. (3 m). All plates, shapes, and hardware shall be galvanized or stainless steel. If the design of the structure also requires grouted shear keys, the keyway shall be cast in the top slab of the segments and grouted according to Article 504.06(e).

Three sided precast concrete structures located in areas with a seismic acceleration coefficient $A > 0.09$ shall satisfy the following requirements:

- 1) The structure shall be connected to the footing/pedestal 2 ft. (600 mm) from the outermost exterior edge of the structure at all four corners with a galvanized rigid mechanical connection subject to the approval of the Engineer. This connection shall be located on the interior face of the segment to allow for future inspection.
- 2) All top joints of exterior segments within a length of 12 ft. (3.65 m) at each end of the structure, regardless of the fill cover, shall be mechanically connected as previously described. The mechanical connection is subject to the approval of the Engineer.

Shop drawings for three sided precast concrete structures shall be submitted according to Article 1042.03(b) and Article 105.04 of the Standard Specifications. The supplier selected by the Contractor shall submit complete design calculations and shop drawings, prepared and sealed by an Illinois Licensed Structural Engineer, for approval by the Engineer.

Prior approval by the Department for the structural feasibility and adequacy of proprietary systems will enhance the approval process of the final structure design but in no case shall relieve the Contractor of the design or QC/QA requirements stated herein. The following proprietary systems have been previously approved for the structural feasibility and adequacy only:

- 1) Hy-Span
- 2) Con Span
- 3) REDI-SPAN Bridge System
- 4) BEBO Arch System
- 5) Techspan
- 6) Stronghold
- 7) Eco-Span Arch System

Revised 01/03/2011

The system chosen by the contractor shall provide a hydraulically equivalent waterway opening to that specified on the plans. Evidence of equivalency shall also be provided in writing to the Engineer for review and approval prior to ordering any materials.

When precast concrete substructure is specified, the Contractor may choose to substitute cast-in-place for precast headwalls, wingwalls and footings unless otherwise specified on the plans. No additional compensation for these substitutions will be allowed and the Contractor shall submit complete design calculations and shop drawings, prepared and sealed by an Illinois Licensed Structural Engineer, for approval by the Engineer.

When Cast-in-place concrete substructure is specified, the Contractor may choose to substitute precast for cast-in-place headwalls, wingwalls and footings unless otherwise specified on the plans. No additional compensation for these substitutions will be allowed and the Contractor/supplier shall submit complete design calculations and shop, drawings prepared and sealed by an Illinois Licensed Structural Engineer, for approval by the Engineer.

If a precast footing is used, it shall be built to the manufacturers specifications and the Contractor shall prepare a 6 in. (150 mm) thick layer of compacted granular material placed below the bottom of the footing. The porous granular material shall be gradation CA 7, CA 11, or CA 18 and shall be placed to extend at least 2 ft. (600 mm) beyond the limits of the precast footing. There shall be no additional compensation for the porous granular bedding material.

The excavation and backfill for three sided precast concrete structures shall be according to Section 502 of the Standard Specifications and any additional backfilling requirements based on the precast supplier's design. All construction inspection and material certification necessary to verify these additional backfilling requirements in the field shall be the responsibility of the supplier. The three-sided precast concrete structure shall be placed according to applicable requirements of Article 542.04(d) of the Standard Specifications. When multi-spans are used a 3 in. (75 mm) minimum space shall be left between adjacent sections. After the precast units are in place and the backfill has been placed to midheight on each exterior side of the barrel, the space between adjacent units shall be filled with Class SI concrete. The Class SI concrete shall be according to Section 1020, except the maximum size of the aggregate shall be 3/8 in. (9.5 mm).

Method of Measurement. Three sided precast concrete structures will be measured in feet (meters). The overall length shall be measured from out to out of headwalls along the centerline of each span of the structure. Class SI concrete placed between adjacent spans, grouted keyways or mechanical connections between precast units, and mechanical connections between the precast units and the substructure will not be measured for payment.

Basis of Payment. This work will be paid for at the contract unit price per foot (meter) for THREE SIDED PRECAST CONCRETE STRUCTURES of the size specified. Rock excavation will be paid for separately according to Article 502.13 of the Standard Specifications.

The cost of specified cast-in-place headwalls, wingwalls and footings will not be included in this item but will be paid for separately.

When precast footings, wingwalls and headwalls are specified, this work will be paid for at the lump sum price for PRECAST CONCRETE SUBSTRUCTURE.

Revised 01/03/2011