



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

September 13, 2012

SUBJECT: FAI Route 397(IL 83/147<sup>th</sup> Street)  
Project TIG-F-0397(004)  
Section (0405-1 & 0506-2)R-1  
Cook County  
Contract No. 60M57  
Item No. 45, September 21, 2012 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 vii of the Table of Contents to the Special Provisions.
3. Revised pages 30-32, 46-49, 139, 204 & 205 of the Special Provisions.
4. Added pages 355 & 356 to the Special Provisions.
5. Revised sheets 1-5, 7-15, 30, 32, 33, 34, 214 & 224 of the Plans.

These plans were prepared and initially advertised to allow bidders to choose between PCC or HMA pavement. Prior to the acceptance of bids the Department made the decision to only accept bids for the PCC option. Any reference in these plans and Special Provisions to HMA pavement alternate (Alternate B) WILL NOT APPLY.

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,

John D. Baranzelli, P. E.  
Acting Engineer of Design and Environment

A handwritten signature in cursive script, appearing to read 'Ted B. Walschleger', followed by the initials 'P.E.'.

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

cc: John Formann, Region 1, District 1, Mike Renner; D.Carl Puzey;  
Estimates

dr

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER -

60M57

State Job # - C-91-130-11

County Name - COOK - -

Code - 31 - -

District - 1 - -

Section Number - (0405-1 & 0506-2) R-1

Project Number

TIG-F-0397/(00/4)

Route

FAP 397

\* REVISED: SEPTEMBER 11, 2012

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2000316	T-ACER MIY MOR 2	EACH	5.000				
A2002008	T-AESCUL FLV YSB 2 BB	EACH	3.000				
A2002916	T-CELTIS OCCID 2	EACH	12.000				
A2004716	T-GLED TRI-I SM 2	EACH	10.000				
A2005015	T-GYMNOCLA DIO 8' MSF	EACH	41.000				
A2005020	T-GYMNOCLA DIO 2-1/2	EACH	6.000				
A2006516	T-QUERCUS BICOL 2	EACH	18.000				
A2006616	T-QUERCUS IMBR 2	EACH	3.000				
A2006716	T-QUERCUS MACR 2	EACH	3.000				
A2008468	T-ULMUS AMER PRINC 2	EACH	6.000				
A2012000	T-AESCUL ARNOLDIANA 2	EACH	9.000				
B2001666	T-CRATAE CRU-I SF 6'	EACH	24.000				
B2002400	T-M ACUMINATA BC SF 5	EACH	1.000				
B2003316	T-MALUS DW TF 2	EACH	11.000				
B2003516	T-MALUS HG TF 2	EACH	4.000				

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B2004000	T-M ORANGE CRUSH 6 CF	EACH	12.000				
B2005366	T-MALUS ZUM C CL 6'	EACH	31.000				
B2006116	T-SYRG PEK M TF 2	EACH	17.000				
B2006290	T-S RETIC 1JS 2.5 TF	EACH	12.000				
B2006316	T-SYRG RT IS TF 2	EACH	12.000				
B2006380	T-S RET SUM SN 2.5 TF	EACH	26.000				
B2010070	T-CLADRASTIS KY 2	EACH	4.000				
C2C00324	S-ARONIA MELAN IB 2'C	EACH	430.000				
C2C04735	S-P CENTER GLOW 9BK 3	EACH	31.000				
C2C05818	S-RHUS AROMA GRO 18C	EACH	788.000				
C2C07213	S-R FLR CRPT CRL15 3G	EACH	291.000				
C2010930	S-SYRINGA M P 2-1/2'	EACH	124.000				
D2002484	E-PINUS FLX VWP 7'	EACH	64.000				
K0012970	PERENNIAL PLNT BULB T	UNIT	558.000				
K0012990	P PL ORNAMENT T GAL P	UNIT	162.500				

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K0029634	WEED CONTR PRE-EM GRN	POUND	100.000				
XX003037	D I FITTINGS & ACCESS	POUND	11,700.000				
XX008154	REL EX RADIO INT SYS	EACH	2.000				
XX008156	LINE STOP 10	EACH	1.000				
X0322433	LT TOWER SERVICE PAD	EACH	8.000				
X0322434	LT TOWER SERV PAD SPL	EACH	2.000				
X0322727	POLY DUCT 1 1/4	FOOT	27.000				
X0322916	PRO SS CONN TO EX SS	EACH	2.000				
X0323713	RADIO INTER SYS LOCAL	EACH	1.000				
X0324085	EM VEH P S LSC 20 3C	FOOT	2,934.000				
X0324097	COARSE SAND PLACE 2	SQ YD	6,411.000				
X0325132	SHAP & GRAD HM LT TWR	SQ YD	224.000				
X0326133	TEMP WD POLE 45FT CL5	EACH	4.000				
X0326885	VIDEO DETECT SYS	EACH	1.000				
X0327076	SERV STATION EQU REM	L SUM	1.000				

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X0327420	SAN SEWER DI 8	FOOT	42.000				
X0327481	TAP V&S6X6 60V 1FCL	EACH	13.000				
X0327482	TAP V&S8X8 60V 1FCL	EACH	1.000				
X0327483	TAP V&S12X12 60V 1FCL	EACH	1.000				
X0327484	MAN TA 8 D 2T1F CL SP	EACH	6.000				
X0327485	MAST ARM ST LTG 15	EACH	96.000				
X0327486	TEMP WP 60 CL 4 IO	EACH	84.000				
X0839900	SAN SEW REMOV 6	FOOT	42.000				
X2020502	BRACED EXCAVATION	CU YD	126.000				
X2130010	EXPLOR TRENCH SPL	FOOT	150.000				
X2800510	INLET FILTER CLEANING	EACH	1,500.000				
X4021000	TEMP ACCESS- PRIV ENT	EACH	12.000				
X4022000	TEMP ACCESS- COM ENT	EACH	43.000				
X4023000	TEMP ACCESS- ROAD	EACH	20.000				
X4024100	TEMP ACCESS WINTERIZE	SQ YD	8,637.000				

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X4400110	TEMP PAVT REMOVAL	SQ YD	22,847.000				
X4403800	MEDIAN SURF REMOVAL	SQ FT	14,370.000				
X5611106	DI WM CL52 POLY EN 6	FOOT	36.000				
X5611108	DI WM CL52 POLY EN 8	FOOT	892.000				
X5611112	DI WM CL52 POLY EN 12	FOOT	3,251.000				
X5630006	CUT & CAP EX 6 WM	EACH	12.000				
X5630008	CUT & CAP EX 8 WM	EACH	1.000				
X5630010	CUT & CAP EX 10 WM	EACH	1.000				
X6060501	CORRUGATED MED SPL	SQ FT	3,218.000				
X6640210	TEMP CH LK FENCE PORT	FOOT	390.000				
X6640300	CH LK FENCE REMOV	FOOT	2,320.000				
*ADD X6700410	ENGR FLD OFF A SPL	CAL MO	28.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7011015	TR C-PROT EXPRESSWAYS	L SUM	1.000				
X7030025	WET REF TEM TP T3 L&S	SQ FT	4,384.000				

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X7030030	WET REF TEM TAPE T3 4	FOOT	251,803.000				
X7030040	WET REF TEM TAPE T3 6	FOOT	20,141.000				
X7030045	WET REF TEM TAPE T3 8	FOOT	2,980.000				
X7030050	WET REF TEM TPE T3 12	FOOT	2,566.000				
X7030055	WET REF TEM TPE T3 24	FOOT	5,333.000				
X8250060	TEMP LIGHT CONTROLLER	EACH	1.000				
X8250505	LIGHT CONTROLLER SPL	EACH	1.000				
X8350012	LT TOWER 100MH LM 12	EACH	10.000				
X8360215	LIGHT POLE FDN 24D OS	FOOT	45.000				
X8570226	FAC T4 CAB SPL	EACH	1.000				
X8730255	ELCBL AS 20 3C TW SH	FOOT	127.000				
X8730312	EC C LEAD 18 4C TW SH	FOOT	619.000				
X8800025	SH LED 1F 3S SWM	EACH	12.000				
X8850102	INDUCTION LOOP	FOOT	100.000				
X8900015	TEMP TR SIG INTER SYS	L SUM	1.000				

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X8950090	RELOC EX LIGHT CONTR	EACH	2.000				
X8950205	REBLD EX HANDHOLE SPL	EACH	1.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0016702	DETOUR SIGNING	L SUM	1.000				
Z0023204	SED CONT SILT FENCE	FOOT	15,554.000				
Z0030240	IMP ATTN TEMP NRD TL2	EACH	2.000				
Z0030250	IMP ATTN TEMP NRD TL3	EACH	3.000				
Z0030340	IMP ATTN REL NRD TL2	EACH	4.000				
Z0030350	IMP ATTN REL NRD TL3	EACH	2.000				
Z0030850	TEMP INFO SIGNING	SQ FT	781.000				
Z0033020	LUM SFTY CABLE ASMBLY	EACH	98.000				
Z0033028	MAINTAIN LIGHTING SYS	CAL MO	25.200				
Z0033056	OPTIM TRAF SIGNAL SYS	EACH	7.000				
Z0056608	STORM SEW WM REQ 12	FOOT	1,864.000				
Z0056610	STORM SEW WM REQ 15	FOOT	198.000				



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Z0056616	STORM SEW WM REQ 24	FOOT	286.000				
Z0056622	STORM SEW WM REQ 36	FOOT	612.000				
Z0062456	TEMP PAVEMENT	SQ YD	22,847.000				
Z0067900	STEEL CASINGS 24	FOOT	101.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	7.000				
20100110	TREE REMOV 6-15	UNIT	198.000				
20100210	TREE REMOV OVER 15	UNIT	246.000				
20200100	EARTH EXCAVATION	CU YD	54,505.000				
20201200	REM & DISP UNS MATL	CU YD	4,685.000				
20800150	TRENCH BACKFILL	CU YD	15,818.000				
21001000	GEOTECH FAB F/GR STAB	SQ YD	110,890.000				
21101615	TOPSOIL F & P 4	SQ YD	51,127.000				
21101695	TOPSOIL F & P 30	SQ YD	6,411.000				
21101815	COMPOST F & P 4	SQ YD	6,411.000				
21301048	EXPLOR TRENCH 48	FOOT	320.000				

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25000210	SEEDING CL 2A	ACRE	8.000				
25000400	NITROGEN FERT NUTR	POUND	893.000				
25000500	PHOSPHORUS FERT NUTR	POUND	893.000				
25000600	POTASSIUM FERT NUTR	POUND	893.000				
25100115	MULCH METHOD 2	ACRE	0.250				
25100135	MULCH METHOD 4	ACRE	11.500				
25100630	EROSION CONTR BLANKET	SQ YD	37,994.000				
25100635	HD EROS CONTR BLANKET	SQ YD	726.000				
25200110	SODDING SALT TOLERANT	SQ YD	13,867.000				
25200200	SUPPLE WATERING	UNIT	1,534.000				
28000250	TEMP EROS CONTR SEED	POUND	5,845.000				
28000305	TEMP DITCH CHECKS	FOOT	450.000				
28000500	INLET & PIPE PROTECT	EACH	22.000				
28000510	INLET FILTERS	EACH	300.000				
30300001	AGG SUBGRADE IMPROVE	CU YD	3,410.000				

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30300112	AGG SUBGRADE IMPR 12	SQ YD	110,890.000				
31102000	SUB GRAN MAT C	CU YD	207.000				
31200502	STAB SUBBASE HMA 4.5	SQ YD	85,627.000				
35101600	AGG BASE CSE B 4	SQ YD	466.000				
*REV 40600982	HMA SURF REM BUTT JT	SQ YD	603.000				
*ADD 40603595	P HMA SC "F" N90	TON	25.000				
42000316	PCC PVT 8 3/4 JOINTD	SQ YD	7,173.000				
42000401	PCC PVT 9 JOINTED	SQ YD	3,488.000				
42000406	PCC PVT 9 1/4 JOINTD	SQ YD	45,460.000				
42000501	PCC PVT 10 JOINTED	SQ YD	25,253.000				
42000521	PCC PVT 11 JOINTED	SQ YD	8,661.000				
42001100	HES PCC PVT 10	SQ YD	2,475.000				
42001300	PROTECTIVE COAT	SQ YD	71,968.000				
42300200	PCC DRIVEWAY PAVT 6	SQ YD	344.000				
42300400	PCC DRIVEWAY PAVT 8	SQ YD	2,031.000				

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42400200	PC CONC SIDEWALK 5	SQ FT	104,054.000				
42400800	DETECTABLE WARNINGS	SQ FT	1,193.000				
44000100	PAVEMENT REM	SQ YD	86,160.000				
44000157	HMA SURF REM 2	SQ YD	216.000				
44000200	DRIVE PAVEMENT REM	SQ YD	7,411.000				
44000500	COMB CURB GUTTER REM	FOOT	22,042.000				
44000600	SIDEWALK REM	SQ FT	62,600.000				
44003100	MEDIAN REMOVAL	SQ FT	25,667.000				
44004250	PAVED SHLD REMOVAL	SQ YD	2,400.000				
44201821	CL D PATCH T4 14	SQ YD	1,030.000				
48101202	AGGREGATE SHLDS B	CU YD	510.000				
48203021	HMA SHOULDERS 6	SQ YD	453.000				
48300400	PCC SHOULDERS 9	SQ YD	1,739.000				
48300500	PCC SHOULDERS 10	SQ YD	25.000				
48300600	PCC SHOULDERS 11	SQ YD	1,834.000				

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54213669	PRC FLAR END SEC 24	EACH	1.000				
54213675	PRC FLAR END SEC 30	EACH	1.000				
54247130	GRATING-C FL END S 24	EACH	1.000				
54247150	GRATING-C FL END S 30	EACH	1.000				
550A0050	STORM SEW CL A 1 12	FOOT	4,145.000				
550A0070	STORM SEW CL A 1 15	FOOT	928.000				
550A0090	STORM SEW CL A 1 18	FOOT	272.000				
550A0110	STORM SEW CL A 1 21	FOOT	225.000				
550A0120	STORM SEW CL A 1 24	FOOT	1,152.000				
*REV 550A0140	STORM SEW CL A 1 30	FOOT	358.000				
*REV 550A0160	STORM SEW CL A 1 36	FOOT	3,811.000				
550A0190	STORM SEW CL A 1 48	FOOT	700.000				
550A0200	STORM SEW CL A 1 54	FOOT	2,753.000				
55100200	STORM SEWER REM 6	FOOT	59.000				
55100300	STORM SEWER REM 8	FOOT	48.000				

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55100400	STORM SEWER REM 10	FOOT	43.000				
55100500	STORM SEWER REM 12	FOOT	2,386.000				
55100700	STORM SEWER REM 15	FOOT	644.000				
55100900	STORM SEWER REM 18	FOOT	116.000				
55101200	STORM SEWER REM 24	FOOT	10.000				
55101400	STORM SEWER REM 30	FOOT	231.000				
55101600	STORM SEWER REM 36	FOOT	106.000				
55201300	STORM SEWERS JKD 36	FOOT	165.000				
56106200	ADJ WATER MAIN 4	FOOT	180.000				
56106300	ADJ WATER MAIN 6	FOOT	160.000				
56106600	ADJ WATER MAIN 12	FOOT	620.000				
56200500	WATER SERV LINE 1 1/2	FOOT	100.000				
56400500	FIRE HYDNPTS TO BE REM	EACH	7.000				
56400825	FIRE HYD W/A V VB & T	EACH	8.000				
56500800	DOM WAT SER BOX	EACH	2.000				

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59300100	CONTR LOW-STRENG MATL	CU YD	565.000				
60100060	CONC HDWL FOR P DRAIN	EACH	6.000				
60107600	PIPE UNDERDRAINS 4	FOOT	2,701.000				
60200105	CB TA 4 DIA T1F OL	EACH	1.000				
60201105	CB TA 4 DIA T11F&G	EACH	25.000				
60201340	CB TA 4 DIA T24F&G	EACH	121.000				
60203805	CB TA 5 DIA T1F OL	EACH	1.000				
60218400	MAN TA 4 DIA T1F CL	EACH	8.000				
60219000	MAN TA 4 DIA T8G	EACH	3.000				
60221100	MAN TA 5 DIA T1F CL	EACH	53.000				
60221700	MAN TA 5 DIA T8G	EACH	6.000				
60222240	MAN TA 5 DIA T24F&G	EACH	7.000				
60223800	MAN TA 6 DIA T1F CL	EACH	29.000				
60224459	MAN TA 8 DIA T1F CL	EACH	4.000				
60236200	INLETS TA T8G	EACH	8.000				

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60236800	INLETS TA T11F&G	EACH	17.000				
60237470	INLETS TA T24F&G	EACH	68.000				
60248700	VV TA 4 DIA T1F CL	EACH	4.000				
60248900	VV TA 5 DIA T1F CL	EACH	4.000				
60251200	CB ADJ NEW T8G	EACH	3.000				
60251500	CB ADJ NEW T11F&G	EACH	4.000				
60255800	MAN ADJ NEW T1F CL	EACH	39.000				
60261300	INLETS ADJ NEW T11F&G	EACH	2.000				
60261540	INLETS ADJ NEW T24F&G	EACH	10.000				
60264140	INL RECON NEW T24F&G	EACH	1.000				
60265900	VV ADJ NEW T1F CL	EACH	4.000				
60500040	REMOV MANHOLES	EACH	37.000				
60500050	REMOV CATCH BAS	EACH	78.000				
60500060	REMOV INLETS	EACH	41.000				
60600605	CONC CURB TB	FOOT	2,338.000				



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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60603800	COMB CC&G TB6.12	FOOT	2,649.000				
60605000	COMB CC&G TB6.24	FOOT	23,287.000				
60608600	COMB CC&G TM6.06	FOOT	153.000				
60610400	COMB CC&G TM6.24	FOOT	177.000				
60610900	COMB CC&G TM6.24 VWGF	FOOT	78.000				
60618300	CONC MEDIAN SURF 4	SQ FT	8,351.000				
60618800	CONC MED TSB	SQ FT	7,515.000				
60619200	CONC MED TSB6.06	SQ FT	1,689.000				
60619600	CONC MED TSB6.12	SQ FT	3,030.000				
60624600	CORRUGATED MED	SQ FT	6,220.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	1,125.000				
63100045	TRAF BAR TERM T2	EACH	2.000				
63100085	TRAF BAR TERM T6	EACH	1.000				
63100089	TRAF BAR TERM T6B	EACH	1.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	3.000				

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63200310	GUARDRAIL REMOV	FOOT	1,013.000				
64200116	SHOULDER RUM STRIP 16	FOOT	4,218.000				
66400305	CH LK FENCE 6	FOOT	594.000				
66900200	NON SPL WASTE DISPOSL	CU YD	10,600.000				
66900400	SPL WAST GRD WAT DISP	GALLON	9,600.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	8.000				
66901000	BACKFILL PLUGS	CU YD	70.000				
*DELETE 67000400	ENGR FIELD OFFICE A	CAL MO	28.000				
67100100	MOBILIZATION	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	577.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	96.000				
70300240	TEMP PVT MK LINE 6	FOOT	6,113.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	113,609.000				
70400100	TEMP CONC BARRIER	FOOT	2,050.000				

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70400200	REL TEMP CONC BARRIER	FOOT	4,063.000				
72000100	SIGN PANEL T1	SQ FT	1,431.000				
72000200	SIGN PANEL T2	SQ FT	49.000				
72000300	SIGN PANEL T3	SQ FT	38.000				
72400100	REMOV SIN PAN ASSY TA	EACH	20.000				
72400200	REMOV SIN PAN ASSY TB	EACH	11.000				
72400310	REMOV SIGN PANEL T1	SQ FT	848.000				
72400320	REMOV SIGN PANEL T2	SQ FT	277.000				
72400330	REMOV SIGN PANEL T3	SQ FT	38.000				
72400600	RELOC SIN PAN ASSY TB	EACH	23.000				
72400710	RELOC SIGN PANEL T1	SQ FT	75.000				
72400720	RELOC SIGN PANEL T2	SQ FT	267.000				
72800100	TELES STL SIN SUPPORT	FOOT	1,787.000				
73000100	WOOD SIN SUPPORT	FOOT	34.000				
73100100	BASE TEL STL SIN SUPP	EACH	33.000				

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78000200	THPL PVT MK LINE 4	FOOT	5,271.000				
78000400	THPL PVT MK LINE 6	FOOT	342.000				
78000600	THPL PVT MK LINE 12	FOOT	452.000				
78008200	POLYUREA PM T1 LTR-SY	SQ FT	2,934.000				
78008210	POLYUREA PM T1 LN 4	FOOT	42,168.000				
78008230	POLYUREA PM T1 LN 6	FOOT	14,086.000				
78008240	POLYUREA PM T1 LN 8	FOOT	1,097.000				
78008250	POLYUREA PM T1 LN 12	FOOT	3,387.000				
78008270	POLYUREA PM T1 LN 24	FOOT	1,533.000				
78100100	RAISED REFL PAVT MKR	EACH	1,205.000				
78200100	MONODIR PRIS BAR REFL	EACH	164.000				
78200410	GUARDRAIL MKR TYPE A	EACH	26.000				
78201000	TERMINAL MARKER - DA	EACH	3.000				
78300100	PAVT MARKING REMOVAL	SQ FT	11,756.000				
78300200	RAISED REF PVT MK REM	EACH	1,205.000				

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80400100	ELECT SERV INSTALL	EACH	1.000				
80400200	ELECT UTIL SERV CONN	L SUM	1.000		5,000.000		5,000.000
80500020	SERV INSTALL POLE MT	EACH	4.000				
81028200	UNDRGRD C GALVS 2	FOOT	10,034.000				
81028210	UNDRGRD C GALVS 2 1/2	FOOT	547.000				
81028220	UNDRGRD C GALVS 3	FOOT	4,737.000				
81028240	UNDRGRD C GALVS 4	FOOT	2,714.000				
81100600	CON AT ST 2 GALVS	FOOT	152.000				
81300555	JUN BX SS AS 12X12X8	EACH	2.000				
81400100	HANDHOLE	EACH	39.000				
81400200	HD HANDHOLE	EACH	16.000				
81400300	DBL HANDHOLE	EACH	10.000				
81603081	UD 3#2#4GXLPUSE 1.5 P	FOOT	14,909.000				
81603090	UD 3#4#6GXLPUSE 1 1/4	FOOT	9,039.000				
81603156	UD 5#2 #4G XLPUSE 2P	FOOT	660.000				

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81702220	EC C XLP USE 1C 350	FOOT	1,602.000				
81800290	A CBL 3-1C1/0 MESS W	FOOT	1,068.000				
81800300	A CBL 3-1C2 MESS WIRE	FOOT	17,237.000				
82102400	LUM SV HOR MT 400W	EACH	196.000				
82105600	LUM SV HM HOR MT 400W	EACH	68.000				
83050710	LT P A 47.5MH 6MA	EACH	68.000				
83050800	LT P A 47.5MH 12MA	EACH	20.000				
83600200	LIGHT POLE FDN 24D	FOOT	791.000				
83700300	LT TOWER FDN 48D	FOOT	240.000				
83800205	BKWY DEV TR B 15BC	EACH	88.000				
84100110	REM TEMP LIGHT UNIT	EACH	99.000				
84200500	REM LT UNIT SALV	EACH	87.000				
84200804	REM POLE FDN	EACH	75.000				
84500130	REMOV LTG CONTR FDN	EACH	2.000				
86200200	UNINTER POWER SUP STD	EACH	1.000				

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87100020	FOCC62.5/125 MM12SM12	FOOT	9,188.000				
87200400	SPAN WIRE	FOOT	406.000				
87200500	TETHER WIRE	FOOT	288.000				
87300925	ELCBL C TRACER 14 1C	FOOT	9,032.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	7,803.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	11,059.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	17,804.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	5,430.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	31,522.000				
87301805	ELCBL C SERV 6 2C	FOOT	1,312.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	7,883.000				
87302212	ELCBL AS SIGL 14 2C	FOOT	854.000				
87302225	ELCBL AS SIGL 14 3C	FOOT	953.000				
87302245	ELCBL AS SIGL 14 5C	FOOT	1,254.000				
87302505	ELCBL AS SERV 6 2C	FOOT	146.000				

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87502440	TS POST GALVS 10	EACH	4.000				
87502480	TS POST GALVS 14	EACH	6.000				
87502500	TS POST GALVS 16	EACH	4.000				
87700130	S MAA & P 18	EACH	1.000				
87700190	S MAA & P 30	EACH	1.000				
87700220	S MAA & P 36	EACH	2.000				
87700240	S MAA & P 40	EACH	1.000				
87700250	S MAA & P 42	EACH	2.000				
87700260	S MAA & P 44	EACH	2.000				
87700270	S MAA & P 46	EACH	1.000				
87700310	S MAA & P 54	EACH	1.000				
87700330	S MAA & P 56	EACH	1.000				
87700340	S MAA & P 58	EACH	1.000				
87700424	S MAA & P 72	EACH	1.000				
87702435	S MAA & P DMA 28 & 62	EACH	1.000				



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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87702718	S MAA & P DMA 46 & 30	EACH	1.000				
87702719	STL MAAAP DMA 46 & 34	EACH	1.000				
87702795	STL MAAAP DMA 65 & 40	EACH	1.000				
87702805	STL MAAAP DMA 66 & 42	EACH	1.000				
87800100	CONC FDN TY A	FOOT	60.000				
87800150	CONC FDN TY C	FOOT	12.000				
87800400	CONC FDN TY E 30D	FOOT	64.000				
87800415	CONC FDN TY E 36D	FOOT	145.000				
87800420	CONC FDN TY E 42D	FOOT	141.000				
87900200	DRILL EX HANDHOLE	EACH	31.000				
88030020	SH LED 1F 3S MAM	EACH	42.000				
88030050	SH LED 1F 3S BM	EACH	16.000				
88030100	SH LED 1F 5S BM	EACH	6.000				
88030110	SH LED 1F 5S MAM	EACH	7.000				
88102717	PED SH LED 1F BM CDT	EACH	8.000				

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88102747	PED SH LED 2F BM CDT	EACH	10.000				
88200110	TS BACKPLATE LOUVERED	EACH	67.000				
88500100	INDUCTIVE LOOP DETECT	EACH	85.000				
88600700	PREFORM DETECT LOOP	FOOT	4,567.000				
88700200	LIGHT DETECTOR	EACH	8.000				
88700300	LIGHT DETECTOR AMP	EACH	3.000				
88800100	PED PUSH-BUTTON	EACH	53.200				
89000100	TEMP TR SIG INSTALL	EACH	5.900				
89500100	RELOC EX SIG HEAD	EACH	30.000				
89500200	RELOC EX PED SIG HEAD	EACH	21.000				
89501100	RELOC EX TS CONT	EACH	3.000				
89501150	RELOC EX TS POST	EACH	1.000				
89501250	RELOC EX TS EQUIP	EACH	3.000				
89501300	RELOC EX MAA & POLE	EACH	3.000				
89501420	REL EM VEH PR SY COMP	EACH	7.000				

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89502375	REMOV EX TS EQUIP	EACH	7.000				
89502380	REMOV EX HANDHOLE	EACH	50.000				
89502382	REMOV EX DBL HANDHOLE	EACH	7.000				
89502385	REMOV EX CONC FDN	EACH	43.000				

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The removal of the Temporary Pavement, if required, shall conform to Section 440 of the Standard Specification.

Method of Measurement. Temporary pavement will be measured in place and the area computed in square yards (square meters).

Basis of Payment. This work will be paid for at the contract unit price per square yard (square meter) for TEMPORARY PAVEMENT and TEMPORARY PAVEMENT (INTERSTATE).

Removal of temporary pavement will be paid for at the contract unit price per square yard (square meter) for TEMPORARY PAVEMENT REMOVAL.

### **EROSION AND SEDIMENT CONTROL SCHEDULE**

This Special Provision revises Section 108 (Prosecution and Progress) of the Standard Specifications for Road and Bridge Construction, creating a requirement that erosion and sediment control work items be included in the overall Progress Schedule.

Add the following to the end of the first paragraph of Article 108.02:

The Progress Schedule shall also include the following listed items. The erosion and sediment control components of the Progress Schedule shall be referred to as the Erosion and Sediment Control Schedule.

The Erosion and Sediment Control Schedule shall include the following:

- (a) Clearing of areas necessary for installation of perimeter controls specified in the Contract Documents.
- (b) Construction of perimeter controls specified in the Contract Documents.
- (c) Remaining clearing.
- (d) Roadway grading (including off-site work).
- (e) Structural Stabilization devices listed in the Storm Water Pollution Prevention Plan (SWPPP).
- (f) Winter shutdown date and probable days lost to inclement weather.
- (g) Seeding dates.
- (h) If applicable, utility installation and whether storm drains shall be used or blocked after construction.
- (i) Final grading, landscaping, and stabilization.
- (j) Removal of perimeter controls as required by plans.

### **AGGREGATE SUBGRADE IMPROVEMENT (D-1)**

**Effective: February 22, 2012**

**Revised: August 1, 2012**

**Add the following Section to the Standard Specifications:**

Revised 9/13/2012

**“SECTION 303. AGGREGATE SUBGRADE IMPROVEMENT**

**303.01 Description.** This work shall consist of constructing an aggregate subgrade improvement.

**303.02 Materials.** Materials shall be according to the following.

Item	Article/Section
(a) Coarse Aggregate .....	1004.06
(b) Reclaimed Asphalt Pavement (RAP) (Notes 1, 2) .....	1031

**Note 1.** Crushed RAP, from either full depth or single lift removal, may be mechanically blended with aggregate gradations CS 01 or CS 02 but shall not exceed 40 percent of the total product. The top size of the RAP shall be less than 4 in. (100 mm) and well graded.

**Note 2.** RAP having 100 percent passing the 1 1/2 in. (37.5 mm) sieve and being well graded, may be used as capping aggregate in the top 3 in. (75 mm) when aggregate gradations CS 01 or CS 02 are used in lower lifts.

**303.03 Equipment.** The vibratory machine shall be according to Article 1101.01, or as approved by the Engineer.

**303.04 Soil Preparation.** The stability of the soil shall be according to the Department’s Subgrade Stability Manual for the aggregate thickness specified.

**303.05 Placing Aggregate.** The maximum nominal lift thickness of aggregate gradations CS 01 or CS 02 shall be 24 in. (600 mm).

**303.06 Capping Aggregate.** The top surface of the aggregate subgrade shall consist of a minimum 3 in. (75 mm) of aggregate gradations CA 06 or CA 10. When Reclaimed Asphalt Pavement (RAP) is used, it shall be crushed and screened where 100 percent is passing the 1 1/2 in. (37.5 mm) sieve and being well graded. RAP that has been fractionated to size will not be permitted for use in capping. Capping aggregate will not be required when the aggregate subgrade improvement is used as a cubic yard pay item for undercut applications.

**303.07 Compaction.** All aggregate lifts shall be compacted to the satisfaction of the Engineer. If the moisture content of the material is such that compaction cannot be obtained, sufficient water shall be added so that satisfactory compaction can be obtained.

**303.08 Finishing and Maintenance of Aggregate Subgrade Improvement.** The aggregate subgrade improvement shall be finished to the lines, grades, and cross sections shown on the plans, or as directed by the Engineer. The aggregate subgrade improvement shall be maintained in a smooth and compacted condition.

**303.09 Method of Measurement.** This work will be measured for payment according to Article 311.08.

Revised 9/13/2012

**303.10 Basis of Payment.** This work will be paid for at the contract unit price per cubic yard (cubic meter) for AGGREGATE SUBGRADE IMPROVEMENT or at the contract unit price per square yard (square meter) for AGGREGATE SUBGRADE IMPROVEMENT, of the thickness specified.

Add the following to Section 1004 of the Standard Specifications:

“ **1004.06 Coarse Aggregate for Aggregate Subgrade Improvement.** The aggregate shall be according to Article 1004.01 and the following.

- (a) **Description.** The coarse aggregate shall be crushed gravel, crushed stone, or crushed concrete.
- (b) **Quality.** The coarse aggregate shall consist of sound durable particles reasonably free of deleterious materials.
- (c) **Gradation.**
  - (1) The coarse aggregate gradation for total subgrade thickness less than or equal to 12 in. (300 mm) shall be CS 02.

The coarse aggregate gradation for total subgrade thickness more than 12 in. (300 mm) shall be CS 01 or CS 02.

<b>COARSE AGGREGATE SUBGRADE GRADATIONS</b>						
<b>Grad No.</b>	<b>Sieve Size and Percent Passing</b>					
	<b>8"</b>	<b>6"</b>	<b>4"</b>	<b>2"</b>	<b>#4</b>	<b>#200</b>
<b>CS 01</b>	<b>100</b>	<b>97 ± 3</b>	<b>90 ± 10</b>	<b>45 ± 25</b>	<b>20 ± 20</b>	<b>5 ± 5</b>
<b>CS 02</b>		<b>100</b>	<b>80 ± 10</b>	<b>25 ± 15</b>		

<b>COARSE AGGREGATE SUBGRADE GRADATIONS (Metric)</b>						
<b>Grad No.</b>	<b>Sieve Size and Percent Passing</b>					
	<b>200 mm</b>	<b>150 mm</b>	<b>100 mm</b>	<b>50 mm</b>	<b>4.75 mm</b>	<b>75 µm</b>
<b>CS 01</b>	<b>100</b>	<b>97 ± 3</b>	<b>90 ± 10</b>	<b>45 ± 25</b>	<b>20 ± 20</b>	<b>5 ± 5</b>
<b>CS 02</b>		<b>100</b>	<b>80 ± 10</b>	<b>25 ± 15</b>		

- (2) The 3 in. (75 mm) capping aggregate shall be gradation CA 6 or CA 10.”

**SURFACE ROUGHENING**

Steep slopes shall be surface roughened as part of the seed bed preparation. This work shall be in accordance with Section 250 of the Standard Specifications except as modified herein.

After the first paragraph of Article 250.05 add the following paragraph:

All slopes 1:3 (vertical to horizontal) and steeper shall be surface roughened by tracking with tracked machinery. The machinery shall be operated up and down the slope to leave horizontal depressions in the prepared seed bed. Back-blading shall not be permitted during the final grading operation. The number of machinery passes shall be limited to minimize soil compaction.

After the third paragraph of Article 250.10 add the following paragraph:

**“603.07 Protection Under Traffic.** After the casting has been adjusted and the Class PP concrete has been placed, the work shall be protected by a barricade and two lights according to Article 701.17(e)(3)b.”

## **FLY ASH RESTRICTION**

The use of fly ash in any PCC mixtures will not be allowed. All references to fly ash in the Standard Specifications or contract special provisions shall not apply.

## **EXTENDED LIFE CONCRETE PAVEMENT (DISTRICT ONE)**

**Effective: January 3, 2005**

**Revised: September 1, 2012**

**Description.** This work shall consist of constructing concrete pavement, shoulders and areas striped as medians using extended life concrete. Work shall be performed according to the Standard Specifications except as modified herein:

### **Definitions.**

- a) **Granular Subbase.** The aggregate above the subgrade and below the granular subbase cap.
- b) **Granular Subbase Cap.** The aggregate above the granular subbase and below the Hot-Mix Asphalt base.
- c) **Aggregate Subgrade.** The Aggregate Subgrade layer shall contain the Granular Subbase and the Granular Subbase Cap.
- d) **Hot-Mix Asphalt Stabilized Subbase.** The Hot-Mix Asphalt Stabilized Subbase layer is above the granular subbase cap and below the pavement.

### **Embankment.** Add the following to Section 205:

“Embankment material shall be approved by the Engineer and shall have a standard laboratory density of not less than 90 lb/cu ft. It shall not have an organic content greater than ten percent when tested according to AASHTO T 194. Reclaimed Asphalt Pavement shall not be used within the ground water table or as a fill if ground water is present. Soils that demonstrate the following properties shall be restricted to the interior of the embankment:

- a) A grain size distribution with less than 35 percent passing the #200 sieve.
- b) A plasticity index (PI) of less than 12.
- c) A liquid limit (LL) in excess of 50.
- d) Potential for erosion.
- e) Potential for excess volume change.

Revised 9/13/2012



Such soils shall be covered on the side and top with a minimum of 3 ft. of soil not characterized by any of the five items above.”

Revised the second paragraph of Article 205.06 to read:

“All lifts shall be compacted to not less than 95 percent of the standard laboratory density.”

Revise the first sentence of the third paragraph of Article 205.06 to read:

“The embankment shall not contain more than 110 percent of the optimum moisture content for all forms of clay soils and not more than 105 percent of the optimum moisture content for all forms of clay loam soils determined according to AASHTO T 99 (Method C).”

Add the following paragraph to the end of Section 205.06:

“The requirement for embankment stability in Article 205.04 will be measured with a Dynamic Cone Penetrometer (DCP) according to the test method in the IDOT Geotechnical Manual. The penetration rate must be equal or less than 1.5 inches per blow.”

**Aggregate Subgrade.** Work shall be done according to the Special Provision for “AGGREGATE SUBGRADE IMPROVEMENT (D1)”.

**Placement.** Prior to starting the work, all granular subbase and granular subbase cap shall be placed and compacted in a manner meeting the approval of the Engineer.

The Granular subbase may be constructed in layers not more than 2 ft. thick when compacted. The finished granular subbase shall be covered with a granular subbase cap. All layers shall be compacted with a vibratory roller.

If the moisture content of the material is insufficient to obtain satisfactory compaction, sufficient water shall be added, at the Contractors expense, so that satisfactory compaction can be obtained.

**Hot-Mix Asphalt Stabilized Sub Base.** This work shall be performed according to Sections 312 and 1030. The mixture used shall be Stabilized Sub Base Hot-Mix Asphalt IL-19.0, N50, 3.0 percent voids.

**Pavement and Shoulders.** Add the following to Articles 420.03, 421.03, and 483.03:

“The Contractor shall submit to the Engineer, for approval before paving, the proposed internal type vibrator spacing for the paver. The Contractor shall also provide the proposed vibrator operating frequencies for a paving speed greater than or equal to 3 ft/min and a paving speed less than 3 ft/min.”

Add the following to Article 420.07 and 421.04(a):

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“When the surface temperature, as measured on the surface with a device as approved by the Engineer, of the Stabilized Sub-base is 115 °F or greater the Contractor shall spray the Stabilized Sub-base with a water mist with equipment that meets the approval of the Engineer. The Stabilized Sub-base shall be cooled below 115 °F prior to paving on top. The water spray shall not produce excessive water runoff or leave puddles on the Stabilized Sub-base at the time of paving. All cooling shall be completed a minimum of 10 minutes prior to paving. The surface temperature shall be monitored during the paving operation to determine if the Stabilized Sub-base requires re-spraying. The water used shall meet the requirements of Section 1002.”

Add the following to Article 1020.02(d):

“Note 1. For pavement, shoulders, and striped median, the freeze-thaw rating expansion limit for the coarse aggregate shall be a maximum of 0.040 percent according to Illinois Modified AASHTO T 161, Procedure B.”

Revise the curing table of Article 1020.13 as follows:

“The curing period for all pavement, shoulder, and striped median shall be a minimum of 7 days.”

Revise the first sentence of the second paragraph of Article 1020.13(a)(4) to read:

“Membrane curing shall be completed within ten minutes after tining.”

Add the following to Article 1020.14(a):

“Prior to placing concrete, the Contractor shall indicate to the Engineer how the temperature of the concrete mixture will be controlled. If the temperature requirements are not being met, production of concrete shall stop until corrective action is taken. The Contractor will be allowed to deliver concrete already in route to the paving site.”

**Method of Measurement.** This work shall be measured for payment per Sections 200, 300, and 400.

**Basis of Payment.** The plans indicate which roadways will be constructed to the extended life requirements. The cost to construct the roadways to the extended life requirements will not be paid for separately, but are included in the cost of the various items of work.

The additional costs to meet the various Material, Samples, Compaction, Stability, Placing and Trimming requirements for embankment beneath and adjacent to the extended life items will not be measured for payment, but are included in the cost of the various items of excavation.

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The additional cost to meet the various Material, Equipment, Placing, Stability, Compaction, Trimming, and Finishing requirements for Granular Subbase beneath and areas adjacent to the extended life items will not be paid for separately, but are included in the cost of the Aggregate Subgrade Improvement. Capping Aggregate shall be included in the cost of the Aggregate Subgrade Improvement.

The additional costs to meet the various Material, Placing, Stability, Compaction, Trimming, and Finishing requirements for the bituminous stabilized subbase beneath and areas adjacent to the extended life items will not be paid for separately, but are included in the cost per square yard for STABILIZED SUBBASE - HMA, of the thickness specified. At the option of the contractor, the trimming of the stabilized subbase will not be required as per Article 311.06 except the subbase shall be brought to true shape by either placing the material in two lifts or by using a grade controlled mechanical paver as approved by the Engineer.

The additional costs to meet the various Material, Equipment, Placement, Finishing, Curing, and Sealing requirements for extended life items will not be paid for separately but are included in the cost per square yard for PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED) or CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT, of the thickness specified; and per square yard for PORTLAND CEMENT CONCRETE SHOULDER, of the thickness specified.

#### **SPECIAL PROVISION FOR DOWEL BAR INSERTER (BMPR)**

Effective: April 1, 2012

Revise Article 420.05(c) to read:

- (c) Transverse Contraction Joints. Transverse contraction joints shall consist of planes of weakness created by sawing grooves in the surface of the pavement and shall include load transfer devices consisting of dowel bars. Transverse contraction joints shall be according to the following.

Revise Article 420.05(c)(2) to read:

- (2) Dowel Bars. Dowel bars shall be installed parallel to the centerline of the pavement and parallel to the proposed pavement surface. Installation shall be according to one of the following methods.
  - a. Dowel Bar Assemblies. The assembly shall act as a rigid unit with each component securely held in position relative to the other members of the assembly. The entire assembly shall be held securely in place by means of nails which shall penetrate the stabilized subbase. At least ten nails shall be used for each 10, 11, or 12 ft (3, 3.3, or 3.6 m) section of assembly. Bearing plates shall be punched to receive the nails. When bearing plates are omitted on stabilized subbase, other methods for securing the assembly with nails shall be provided.

Revised 9/13/2012

1. The entire surface of the sign panel shall be evenly illuminated. The average maintained luminous intensity measured across the letters, operating under the conditions defined in Environmental Requirements and Wattage Sections shall be of a minimum value of 100 cd/m<sup>2</sup>.
2. The manufacturer shall make available independent laboratory test results to verify compliance to Voltage Range and Luminous Intensity Distribution Sections.
3. Twelve (12) 1.25 watt LED units shall be mounted on 1-inch x 22-inch metal cone printed circuit boards (MCPCB). The viewing angle shall be 120 degrees. LED shall have a color temperature of 5200k nominal, CRI of 80 with a life expectancy of 75,000 hrs.

(g) Quality Assurance.

The LED Light Engine shall be manufactured in accordance with a vendor quality assurance (QA) program. The production QA shall include statistically controlled routine tests to ensure minimum performance levels of the LED Light Engine build to meet this specification. QA process and test result documentations shall be kept on file for a minimum period of seven (7) years. The LED Light Engine that does not satisfy the production QA testing performance requirements shall not be labeled, advertised, or sold as conforming to these specifications. Each LED Light Engine shall be identified by a manufacturer's serial number for warranty purposes. LED Light Engines shall be replaced or repaired if they fail to function as intended due to workmanship or material defects within the first sixty (60) months from the date of acceptance. LED Light Engines that exhibit luminous intensities less than the minimum value specified in Photometric Section within the first thirty-six (36) months from the date of acceptance shall be replaced or repaired.

**FULL-ACTUATED CONTROLLER AND CABINET (SPECIAL)**

**Effective: January 1, 2002**

**Revised: January 1, 2007**

**Revised: T Y Lin February 29, 2008**

**This work shall consist of furnishing and installing a(n) "Eagle" brand traffic actuated solid state digital controller in the controller cabinet of the type specified, meeting the requirements of the current District One Traffic Signal Special Provisions including conflict monitor, load switches and flasher relays, with all necessary connections for proper operation..**

**Basis of Payment. This work will be paid for at the contract unit price each for FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL) or FULL-ACTUATED CONTROLLER AND TYPE V CABINET (SPECIAL).**

Revised 9/13/2012

## CONSTRUCTION REQUIREMENTS

**General.** It shall be the Contractor's responsibility to contact ComEd. The Contractor shall coordinate his work fully with the ComEd both as to the work required and the timing of the installation. No additional compensation will be granted under this or any other item for extra work caused by failure to meet this requirement. **Please contact ComEd, New Business Center Call Center, at 866 NEW ELECTRIC (1-866-639-3532) to begin the service connection process. The Call Center Representatives will create a work order for the service connection. The representative will ask the requestor for information specific to the request. The representative will assign the request based upon the location of project.**

The Contractor should make particular note of the need for the earliest attention to arrangements with ComEd for service. In the event of delay by ComEd, no extension of time will be considered applicable for the delay unless the Contractor can produce written evidence of a request for electric service within 30 days of execution.

**Method Of Payment.** The Contractor will be reimbursed to the exact amount of money as billed by ComEd for its services. Work provided by the Contractor for electric service will be paid separately as described under ELECTRIC SERVICE INSTALLATION. No extra compensation shall be paid to the Contractor for any incidental materials and labor required to fulfill the requirements as shown on the plans and specified herein.

For bidding purposes, this item shall be estimated as \$5000.00

**Basis Of Payment.** This work will be paid for at the contract lump sum price for **ELECTRIC UTILITY SERVICE CONNECTION** which shall be reimbursement in full for electric utility service charges.

### **ELECTRIC SERVICE INSTALLATION**

Effective: January 1, 2007

**Description.** This item shall consist of all material and labor required to extend, connect or modify the electric services, as indicated or specified, which is over and above the work performed by the utility. Unless otherwise indicated, the cost for the utility work, if any, will be reimbursed to the Contractor separately under ELECTRIC UTILITY SERVICE CONNECTION. This item may apply to the work at more than one service location and each will be paid separately.

**Materials.** Materials shall be in accordance with the Standard Specifications.

Revised 9/13/12

## CONSTRUCTION REQUIREMENTS

**General.** The Contractor shall ascertain the work being provided by the electric utility and shall provide all additional material and work not included by other contract pay items required to complete the electric service work in complete compliance with the requirements of the utility.

No additional compensation will be allowed for work required for the electric service, even though not explicitly shown on the Drawings or specified herein

**Method Of Measurement.** Electric Service Installation shall be counted, each.

**Basis Of Payment.** This work will be paid for at the contract unit price each for **ELECTRIC SERVICE INSTALLATION** which shall be payment in full for the work specified herein.

### UNIT DUCT

Effective: January 1, 2012

Revise the first paragraph of Article 810.04 to read:

“The unit duct shall be installed at a minimum depth of 30-inches (760 mm) unless otherwise directed by the Engineer.”

Revise Article 1088.01(c) to read:

“(c) Coilable Nonmetallic Conduit.

General:

The duct shall be a plastic duct which is intended for underground use and which can be manufactured and coiled or reeled in continuous transportable lengths and uncoiled for further processing and/or installation without adversely affecting its properties of performance. The duct shall be a plastic duct which is intended for underground use and can be manufactured and coiled or reeled in continuous transportable lengths and uncoiled for further processing and/or installation without adversely affecting its properties of performance.

The duct shall be made of high density polyethylene which shall meet the requirements of ASTM D 2447, for schedule 40. The duct shall be composed of black high density polyethylene meeting the requirements of ASTM D 3350, Class C, Grade P33. The wall thickness shall be in accordance with Table 2 for ASTM D 2447.

The duct shall be UL Listed per 651-B for continuous length HDPE coiled conduit. The duct shall also comply with NEC Article 354.100 and 354.120.

Revised 9/13/12

## **ALTERNATE PAVEMENT SELECTION AND BID**

Revised: T Y Lin September 12, 2012

These plans were prepared and initially advertised to allow bidders to choose between PCC or HMA pavement. Prior to the acceptance of bids the Department made the decision to only accept bids for the PCC option. Any reference in these plans and Special Provisions to HMA pavement alternate (Alternate B) WILL NOT APPLY.

## **ENGINEER'S FIELD OFFICE TYPE A (SPECIAL)**

670.02 Engineer's Field Office Type A. Revise the first paragraph of this Article to read:

**Engineer's Field Office Type A (Special).** Type A (Special) field offices shall have a ceiling height of not less than 7 feet and a floor space of not less than 3000 square feet with a minimum of two separate offices. The office shall also have a separate storage room capable of being locked for the storage of the nuclear measuring devices. The office shall be provided with sufficient heat, natural and artificial light, and air conditioning. Doors and windows shall be equipped with locks approved by the Engineer.

Revise the second sentence of the fourth paragraph of this Article to read: Solid waste disposal consisting of seven waste baskets and an outside trash container of sufficient size to accommodate a weekly provided pick-up service.

Add the following to the fourth paragraph of this Article: A weekly cleaning service for the office shall be provided.

Revise the fifth paragraph of this Article to read: An electronic security system that will respond to any breach of exterior doors and windows with an on-site alarm shall be provided.

Revise subparagraph (a) of this Article to read:

- a) Twelve desks with minimum working surface 42 inch x 30 inch each and twelve non-folding chairs with upholstered seats and backs.

Revise the first sentence of subparagraph (c) of this Article to read:

- c) Two four-post drafting tables with minimum top size of 37-½ inch x 48 inch.

Revise subparagraph (d) of this Article to read:

- d) Eight free standing four-drawer legal size file cabinets with lock and an underwriters' laboratories insulated file device 350 degrees one hour rating.

Revise subparagraph (e) of this Article to read:

- e) Twenty folding chairs and two conference tables with minimum top size of 44 inch x 96 inch.

Added 9/13/2012

Revise subparagraph (g) of this Article to read:

- 670. Two office style refrigerators with a minimum size of 8 cubic feet with a freezer unit.

Revise subparagraph (h) of this Article to read:

- h) Three electric desk type tape printing calculator and two pocket scientific notation calculators with a 1000 hour battery life or with a portable recharger.

Revise subparagraph (i) of this Article to read:

- 670. Six telephones, with touch tone, where available, two telephone answering machines, and Nine telephone lines including one line for the fax machine, and two lines for the exclusive use of the Engineer. All telephone lines shall include long distance service and all labor and materials necessary to install the phone lines at the locations directed by the Engineer. Two of the phone lines must provide DSL service or High Speed Internet equivalent.

Revise subparagraph (j) of this Article to read:

- j) Two dry process copy machines capable of reproducing prints up to 11 inch x 17 inch from nontransparent master sheets, as black or blue lines on white paper, with sorting and reduction/enlargement capabilities including maintenance, reproduction paper, activating agent and power source.

Revise subparagraph (k) of this Article to read:

- k) Two plain paper fax machine including maintenance and supplies.

Revise subparagraph (l) of this Article to read:

- l) One electric water cooler dispenser including water service.

Add the following subparagraphs to this Article:

- n) One 4 foot x 6 foot chalkboard or dry erase board.

670.07 Basis of Payment. Revise the fourth sentence of the first paragraph of this Article to read:

The building or buildings, fully equipped, will be paid for at the contract unit price per calendar month or fraction thereof for ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)

Added 9/13/2012