Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

November 3, 2006

SUBJECT: FAP Route 351
Section 537 R-1
Cook County
Contract No. 62880
Item No. 67, November 17, 2006 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 the entire Schedule of Prices.
2. Revised pages i - iv of the Table of Contents to the Special Provisions.
3. Revised pages 44 - 46, 53, 54, 68 - 74 & 232 - 234 to the Special Provisions.
4. Added pages 235 – 242 to the Special Provisions.
5. Revised sheets 3-6, 8, 9, 11-17, 19-26, 30, 32-34, 40, 43, 46, 76, 77, 79-81, 85, 86, 87, 89-91, 159-164, 166-175, 177-179, 191-218, 235 & 236 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,

Michael L. Hine
Engineer of Design
and Environment

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

cc: Diane O'Keefe, Region 1, District 1; Roger Driskell; Estimates; Design & Environment File

TBW:MS;jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES
CONTRACT NUMBER - 62880

State Job # - C-91-068-05
PPS NBR - 1-76929-0100
County Name - COOK- -
Code - 31 - -
District - 1 - -
Section Number - 537R-1

Project Number

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* COMPLETE NEW SCHEDULE

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2000120	T-ACERX FREM AB 2-1/2	EACH	1.000				
A2000320	T-ACER MIY MOR 2-1/2	EACH	18.000				
A2001818	T-ACER SACR GM 2-1/4	EACH	34.000				
A2002020	T-AESCULUS GLA 2-1/2	EACH	12.000				
A2002218	T-ALNUS GLUT 2	EACH	32.000				
A2002520	T-CARP CAROL 2-1/2	EACH	15.000				
A2003120	T-CELTIS OC WC 2-1/2	EACH	6.000				
A2004514	T-GINKGO BIL AG 2-1/2	EACH	5.000				
A2005020	T-GYMNOCLA DIO 2-1/2	EACH	11.000				
A2006720	T-QUERCUS MACR 2-1/2	EACH	6.000				
A2007120	T-QUERCUS RUBRA 2-1/2	EACH	20.000				
A2008120	T-TILIA CORD GS 2-1/2	EACH	14.000				
A2008820	T-ULMUS CARP HS 2-1/2	EACH	6.000				
B2004120	T-MALUS PF TF 2-1/2	EACH	13.000				
B2005520	T-PYRUS C AR TF 2-1/2	EACH	48.000				

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B2006320	T-SYRG RT IS TF 2-1/2	EACH	37.000				
K0026850	PERENNIAL PLANT CARE	SQ YD	15,971.000				
K1003679	MULCH	CU YD	89.300				
XX001490	GATE VALVES 8	EACH	2.000				
XX002113	TEMP LIGHT CONTROLLER	EACH	1.000				
XX002985	TEMP CAP	EACH	7.000				
XX003032	GATE VALVES, 12	EACH	3.000				
XX004056	MECH ST EARTH RET WL	SQ FT	7,639.000				
XX004122	PEREN PLANTS BULB SPL	UNIT	33.000				
XX004667	RESTR MAN TA 6 T1F CL	EACH	2.000				
XX004810	VV TA 6 DIA T1F CL	EACH	3.000				
XX004970	TEMP PAVEMENT SUPER	SQ YD	21,798.000				
XX005272	CON PUSH 4 R G STEEL	FOOT	4,324.000				
XX005840	FLAGSTONE SIDEWALK SP	SQ FT	2,876.000				
XX006253	SAN MH 4 DIA	EACH	2.000				

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X0301828	ENGINEERED BARRIER	SQ YD	1,546.000				
X0301865	P CUL REM 24	FOOT	196.000				
X0320591	SAN MAN REMOVED	EACH	1.000				
X0320772	WATER MAIN REMOV 12	FOOT	132.000				
X0320816	SLEEPER SLAB	SQ YD	352.000				
X0321556	SANITARY MANHOLE ADJ	EACH	20.000				
X0322033	STORM SEW WM REQ 12	FOOT	186.000				
X0322125	STORM SEW WM REQ 24	FOOT	167.000				
X0322256	TEMP INFO SIGNING	SQ FT	375.000				
X0322525	STORM SEW WM REQ 21	FOOT	17.000				
X0322859	WEED CONTR PRE-EM GRN	POUND	24.000				
X0322925	ELCBL C TRACER 14 1C	FOOT	11,681.000				
X0323003	TEMP ELECT SERV INST	EACH	1.000				
X0323153	EC C GROUND 6 1C GRN	FOOT	1,753.000				
X0323353	GATE VALVES 10	EACH	1.000				

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X0323426	SED CONT DR ST INL CL	EACH	123.000				
X0323574	MAINTAIN LIGHTING SYS	CAL MO	18.000				
X0323670	PREFORM DETECT LOOP	FOOT	2,937.000				
X0323828	WATER MAIN REMOV 16	FOOT	1,023.000				
X0323840	WM LINE STOP 6	EACH	1.000				
X0323842	WM LINE STOP 12	EACH	1.000				
X0323870	TRANSITION SLEEVE 8	EACH	1.000				
X0323871	TRANSITION SLEEVE 12	EACH	5.000				
X0323873	TRANSITION SLEEVE 10	EACH	1.000				
X0323973	SED CONT SILT FENCE	FOOT	8,080.000				
X0323974	SED CONT SILT FN MAIN	FOOT	8,080.000				
X0325542	HES PCC PVT 10 JOINTD	SQ YD	1,000.000				
X0325543	TRANSITION SLEEVE 16	EACH	1.000				
X0325544	PRESSURE CONNECT 16X8	EACH	1.000				
X0325545	PLANTING MIX F & P 18	SQ YD	1,072.000				

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X0325546	WET PAVMT TAPE T3 8	FOOT	888.000				
X0325547	WET PAVMT TAPE T3 24	FOOT	933.000				
X0325548	STL MAAAP DMA 26 & 38	EACH	1.000				
X0325549	STL MAAAP DMA 32 & 36	EACH	1.000				
X0325550	STL MAAAP DMA 36 & 38	EACH	1.000				
X0325551	STL MAAAP DMA 44 & 22	EACH	1.000				
X0325552	STL MAAAP DMA 44 & 28	EACH	1.000				
X0325554	MOD EX LT POLE ETC 1	EACH	42.000				
X0325555	BKWY DEV AL TRANSF BS	EACH	60.000				
X0325558	UD 5#4 1#6G EPR 1.5"P	FOOT	10,650.000				
X0325559	LT CONTR SPL 200A 480	EACH	1.000				
X0325560	SED CONT DR ST INL FR	EACH	123.000				
X0840000	SAN SEW REMOV 8	FOOT	230.000				
X0976500	END SECTIONS REMOVED	EACH	3.000				
X2510630	HD EROS CONTR BLANKET	SQ YD	15,971.000				

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X4022000	TEMP ACCESS- COM ENT	EACH	25.000				
X7015000	CHANGEABLE MESSAGE SN	CAL MO	48.000				
X7030104	WET TEM PM TAPE T3 4	FOOT	68,477.000				
X7030106	WET TEM PM TAPE T3 6	FOOT	10,266.000				
X7030112	WET TEM PM TAPE T3 12	FOOT	1,930.000				
X7030120	WET TEM PM TAP T3 L&S	SQ FT	2,598.000				
X8050015	SERV INSTALL POLE MT	EACH	3.000				
X8160370	UD 3#4 #6G EPRRHW1.25	FOOT	1,328.000				
X8710020	FOCC62.5/125 MM12SM12	FOOT	11,681.000				
X8730250	ELCBL C 20 3C TW SH	FOOT	2,902.000				
X8800020	SH LED 1F 3S MAM	EACH	30.000				
X8800040	SH LED 1F 5S BM	EACH	3.000				
X8800045	SH LED 1F 5S MAM	EACH	20.000				
X8805280	SH LED 2F 1-3 1-5 BM	EACH	1.000				
X8805310	SH LED 3F 1-3 2-5 BM	EACH	1.000				

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X8810610	PED SH LED 1F BM	EACH	4.000				
X8810620	PED SH LED 2F BM	EACH	6.000				
X8950115	RELOC LIGHT DET	EACH	1.000				
X8950120	RELOC LIGHT DET AMP	EACH	1.000				
Z0001050	AGG SUBGRADE 12	SQ YD	51,154.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0030255	IMP ATTN TEMP FRN TL2	EACH	19.000				
Z0041700	PLUG EX STORM SEWERS	EACH	7.000				
Z0045002	PRESS CONNECT 12X8	EACH	1.000				
Z0045400	PRESS CONNECT 16X16	EACH	1.000				
Z0056900	SAN SEW 8	FOOT	212.000				
Z0067500	STEEL CASINGS 16	FOOT	110.000				
Z0067700	STEEL CASINGS 20	FOOT	80.000				
Z0067900	STEEL CASINGS 24	FOOT	30.000				
20100110	TREE REMOV 6-15	UNIT	205.000				

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20100210	TREE REMOV OVER 15	UNIT	50.000				
20101000	TEMPORARY FENCE	FOOT	100.000				
20101100	TREE TRUNK PROTECTION	EACH	10.000				
20101200	TREE ROOT PRUNING	EACH	20.000				
20200100	EARTH EXCAVATION	CU YD	16,595.000				
20201200	REM & DISP UNS MATL	CU YD	9,700.000				
20400800	FURNISHED EXCAV	CU YD	2,265.000				
20700420	POROUS GRAN EMB SUBGR	CU YD	8,885.000				
20800150	TRENCH BACKFILL	CU YD	5,069.000				
21101625	TOPSOIL F & P 6	SQ YD	15,971.000				
25000110	SEEDING CL 1A	ACRE	3.500				
25000400	NITROGEN FERT NUTR	POUND	335.000				
25000500	PHOSPHORUS FERT NUTR	POUND	335.000				
25000600	POTASSIUM FERT NUTR	POUND	335.000				
25000750	MOWING	ACRE	3.500				

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25100630	EROSION CONTR BLANKET	SQ YD	230.000				
25200200	SUPPLE WATERING	UNIT	180.000				
25301700	SHRUBS	EACH	818.000				
25400105	PERENNIAL PLANTS	EACH	11,950.000				
28000300	TEMP DITCH CHECKS	EACH	4.000				
28000510	INLET FILTERS	EACH	73.000				
28000600	SEEDING CL 7	ACRE	0.500				
28100109	STONE RIPRAP CL A5	SQ YD	150.000				
40600980	BIT SURF REM BUTT JT	SQ YD	360.000				
40600985	PCC SURF REM BUTT JT	SQ YD	360.000				
40600990	TEMPORARY RAMP	SQ YD	360.000				
42000301	PCC PVT 8 JOINTED	SQ YD	1,171.000				
42000501	PCC PVT 10 JOINTED	SQ YD	44,674.000				
42001300	PROTECTIVE COAT	SQ YD	10,002.000				
42300400	PCC DRIVEWAY PAVT 8	SQ YD	2,622.000				

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42400200	PC CONC SIDEWALK 5	SQ FT	65,267.000				
42400800	DETECTABLE WARNINGS	SQ FT	350.000				
44000100	PAVEMENT REM	SQ YD	38,269.000				
44000200	DRIVE PAVEMENT REM	SQ YD	8,406.000				
44000300	CURB REM	FOOT	5,281.000				
44000500	COMB CURB GUTTER REM	FOOT	16,378.000				
44000600	SIDEWALK REM	SQ FT	25,536.000				
44001700	COMB C C&G REM & REPL	FOOT	837.000				
44003100	MEDIAN REMOVAL	SQ FT	30,556.000				
50901105	STEEL RAILING	FOOT	1,242.000				
55019500	SS 1 RCP CL 4 12	FOOT	476.000				
55021600	SS 2 RCP CL 3 12	FOOT	2,684.000				
55021700	SS 2 RCP CL 3 15	FOOT	1,372.000				
55021800	SS 2 RCP CL 3 18	FOOT	830.000				
55021900	SS 2 RCP CL 3 21	FOOT	268.000				

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55022000	SS 2 RCP CL 3 24	FOOT	529.000				
55022200	SS 2 RCP CL 3 30	FOOT	936.000				
55100500	STORM SEWER REM 12	FOOT	2,313.000				
55100700	STORM SEWER REM 15	FOOT	970.000				
55100900	STORM SEWER REM 18	FOOT	452.000				
55101200	STORM SEWER REM 24	FOOT	1,632.000				
55101300	STORM SEWER REM 27	FOOT	19.000				
56103000	D I WATER MAIN 6	FOOT	70.000				
56103100	D I WATER MAIN 8	FOOT	1,072.000				
56103200	D I WATER MAIN 10	FOOT	15.000				
56103300	D I WATER MAIN 12	FOOT	271.000				
56103400	D I WATER MAIN 16	FOOT	1,362.000				
56105760	BUTTERFLY VALVES 16	EACH	2.000				
56300300	ADJ WATER SERV LINES	FOOT	500.000				
56400400	FIRE HYDNTS RELOCATED	EACH	13.000				

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56400500	FIRE HYDNTS TO BE REM	EACH	12.000				
56400820	FIRE HYD W/AUX V & VB	EACH	3.000				
60107600	PIPE UNDERDRAINS 4	FOOT	3,230.000				
60200805	CB TA 4 DIA T8G	EACH	7.000				
60201330	CB TA 4 DIA T23F&G	EACH	13.000				
60201340	CB TA 4 DIA T24F&G	EACH	70.000				
60207605	CB TC T8G	EACH	2.000				
60208240	CB TC T24F&G	EACH	2.000				
60218400	MAN TA 4 DIA T1F CL	EACH	22.000				
60221100	MAN TA 5 DIA T1F CL	EACH	17.000				
60223800	MAN TA 6 DIA T1F CL	EACH	1.000				
60237470	INLETS TA T24F&G	EACH	2.000				
60248000	JUNCTION CHAMBER N1	EACH	1.000				
60248100	JUNCTION CHAMBER N2	EACH	1.000				
60248700	VV TA 4 DIA T1F CL	EACH	2.000				

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60248900	VV TA 5 DIA T1F CL	EACH	6.000				
60250200	CB ADJUST	EACH	2.000				
60252800	CB RECONST	EACH	2.000				
60255500	MAN ADJUST	EACH	2.000				
60257900	MAN RECONST	EACH	1.000				
60260050	SAN MAN RECONST	EACH	2.000				
60265700	VV ADJUST	EACH	19.000				
60266500	VV REMOVED	EACH	7.000				
60500040	REMOV MANHOLES	EACH	20.000				
60500050	REMOV CATCH BAS	EACH	55.000				
60500705	CB FILL TO MAIN FLOW	EACH	2.000				
60600605	CONC CURB TB	FOOT	2,128.000				
60603800	COMB CC&G TB6.12	FOOT	482.000				
60604400	COMB CC&G TB6.18	FOOT	6,823.000				
60605000	COMB CC&G TB6.24	FOOT	10,106.000				

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60608300	COMB CC&G TM2.12	FOOT	1,416.000				
60618300	CONC MEDIAN SURF 4	SQ FT	22,897.000				
60619600	CONC MED TSB6.12	SQ FT	1,964.000				
60619910	CONC MED TSB6.18	SQ FT	6,433.000				
60622800	CONC MED TSM6.12	SQ FT	1,736.000				
63000000	SPBGR TY A	FOOT	337.500				
63200305	SPBGR REM	FOOT	25.000				
66900200	NON SPL WASTE DISPOSL	CU YD	508.000				
66900400	SPL WAST GRD WAT DISP	GALLON	11,856.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	6.000				
66901000	BACKFILL PLUGS	CU YD	43.000				
67000400	ENGR FIELD OFFICE A	CAL MO	12.000				
67100100	MOBILIZATION	L SUM	1.000				
70101800	TRAF CONT & PROT SPL	L SUM	1.000				

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70103815	TR CONT SURVEILLANCE	CAL DA	360.000				
70300240	TEMP PVT MK LINE 6	FOOT	2,310.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	34,008.000				
70400100	TEMP CONC BARRIER	FOOT	2,310.000				
70400200	REL TEMP CONC BARRIER	FOOT	1,790.000				
72000100	SIGN PANEL T1	SQ FT	93.000				
72000200	SIGN PANEL T2	SQ FT	120.000				
78008200	POLYUREA PM T1 LTR-SY	SQ FT	1,128.000				
78008210	POLYUREA PM T1 LN 4	FOOT	3,006.000				
78008230	POLYUREA PM T1 LN 6	FOOT	19,396.000				
78008240	POLYUREA PM T1 LN 8	FOOT	506.000				
78008250	POLYUREA PM T1 LN 12	FOOT	34.000				
78008270	POLYUREA PM T1 LN 24	FOOT	482.000				
78100100	RAISED REFL PAVT MKR	EACH	396.000				
78200100	MONODIR PRIS BAR REFL	EACH	92.000				

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78300100	PAVT MARKING REMOVAL	SQ FT	11,890.000				
80400100	ELECT SERV INSTALL	EACH	1.000				
80400200	ELECT UTIL SERV CONN	L SUM	1.000		10,000.000		10,000.000
80700140	GROUND ROD 5/8 X 10	EACH	36.000				
80800500	TEMP WP60 CL4	EACH	9.000				
80800525	TEMP WP60 CL4 15MA	EACH	1.000				
80800975	TEMP WP100 CL4 15MA	EACH	26.000				
81000600	CON T 2 GALVS	FOOT	5,236.000				
81000700	CON T 2 1/2 GALVS	FOOT	69.000				
81000800	CON T 3 GALVS	FOOT	101.000				
81000900	CON T 3 1/2 GALVS	FOOT	13.000				
81001000	CON T 4 GALVS	FOOT	30.000				
81018500	CON P 2 GALVS	FOOT	1,125.000				
81400100	HANDHOLE	EACH	18.000				
81400200	HD HANDHOLE	EACH	9.000				

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Section Number - 537R-1

Project Number

Route
FAP 351

* COMPLETE NEW SCHEDULE

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81400300	DBL HANDHOLE	EACH	6.000				
81500200	TR & BKFIL F ELECT WK	FOOT	14,138.000				
81701345	EC C EPR USE 3-1C 3/0	FOOT	55.000				
81800700	A CBL 3-1C2 AL MESS W	FOOT	6,526.000				
82102250	LUM SV HOR MT 250W	EACH	2.000				
82105700	LUM SV HM HOR MT 750W	EACH	26.000				
82106400	LUM SV HOR MT 400W IO	EACH	55.000				
83050810	LT P A 47.5MH 15MA	EACH	13.000				
83600200	LIGHT POLE FDN 24D	FOOT	600.000				
84100110	REM TEMP LIGHT UNITS	EACH	78.000				
84200500	REM EX LT UNIT SALV	EACH	30.000				
84200700	LIGHTING FDN REMOV	EACH	5.000				
84200705	LIGHTING FDN REM PART	EACH	55.000				
84400105	RELOC EX LT UNIT	EACH	5.000				
84500110	REMOV LIGHTING CONTR	EACH	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES
CONTRACT NUMBER - 62880

State Job # - C-91-068-05
PPS NBR - 1-76929-0100
County Name - COOK- -
Code - 31 - -
District - 1 - -
Section Number - 537R-1

Project Number

Route
FAP 351

* COMPLETE NEW SCHEDULE

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
84500120	REMOV ELECT SERV INST	EACH	2.000				
84500130	REMOV LTG CONTR FDN	EACH	1.000				
85700200	FAC T4 CAB	EACH	2.000				
85700305	FAC T5 CAB SPL	EACH	1.000				
86400100	TRANSCEIVER - FIB OPT	EACH	3.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	1,756.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	6,160.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	7,720.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	6,017.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	12,584.000				
87301805	ELCBL C SERV 6 2C	FOOT	119.000				
87700150	S MAA & P 22	EACH	2.000				
87700180	S MAA & P 28	EACH	1.000				
87700190	S MAA & P 30	EACH	1.000				
87700290	S MAA & P 50	EACH	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES
CONTRACT NUMBER - 62880

State Job # - C-91-068-05
PPS NBR - 1-76929-0100
County Name - COOK- -
Code - 31 - -
District - 1 - -
Section Number - 537R-1

Project Number

Route
FAP 351

* COMPLETE NEW SCHEDULE

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87700300	S MAA & P 52	EACH	1.000				
87700320	S MAA & P 55	EACH	4.000				
87702290	S MAA & P DMA 24 & 32	EACH	1.000				
87800200	CONC FDN TY D	FOOT	12.000				
87800400	CONC FDN TY E 30D	FOOT	45.000				
87800415	CONC FDN TY E 36D	FOOT	171.000				
87900200	DRILL EX HANDHOLE	EACH	8.000				
88200100	TS BACKPLATE	EACH	50.000				
88500100	INDUCTIVE LOOP DETECT	EACH	40.000				
88600100	DET LOOP T1	FOOT	470.000				
88700200	LIGHT DETECTOR	EACH	10.000				
88700300	LIGHT DETECTOR AMP	EACH	2.000				
88800100	PED PUSH-BUTTON	EACH	9.000				
89000100	TEMP TR SIG INSTALL	EACH	3.000				
89502300	REM ELCBL FR CON	FOOT	14,165.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES
CONTRACT NUMBER - 62880

State Job # - C-91-068-05
PPS NBR - 1-76929-0100
County Name - COOK- -
Code - 31 - -
District - 1 - -
Section Number - 537R-1

Project Number

Route
FAP 351

* COMPLETE NEW SCHEDULE

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
89502375	REMOV EX TS EQUIP	EACH	3.000				
89502380	REMOV EX HANDHOLE	EACH	26.000				
89502385	REMOV EX CONC FDN	EACH	26.000				

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LUMINAIRE, INSTALL ONLY

Description. This item shall consist of installing a luminaire salvaged from the removal of an existing lighting unit, as specified herein, and as indicated on the Drawings. It shall also be the Contractor's responsibility to furnish a lamp of the specified wattage for each luminaire installed.

Materials. Materials shall be according to the following Articles of Section 1000 - Materials

Item	Article/Section
(a) Pole Wire	1066.09
(b) Fuses & Fuse holders	1065.01
(c) Fasteners and Hardware	1088.03
(d) Lamps	1067.02

Installation. Installation shall be as described in Article 821 and as indicated on the plans.

Method Of Measurement. Luminaires shall be counted, each installed.

Basis Of Payment. This item will be paid at the contract unit each for **LUMINAIRE**, of the type and wattage indicated, **INSTALL ONLY**, which shall be payment in full for the luminaire installation.

LAMPS

Effective: January 1, 2002

Revise Article 1067.02(a)(1) of the Standard Specifications to read:

> "The lamps shall be of the clear type and shall have a color of 2050° to 2100° Kelvin."

LIGHT POLES

Description. This item shall consist of furnishing and installing a light pole complete with (an) arm(s) and all required hardware and accessories, including bolt covers, required for the intended permanent use of the pole.

Materials

Materials shall be according to the following Articles of Section 1000 – Materials:

Item	Article/Section
(a) Mounting Pad	1069.03
(b) Pole/Unit Identification	1069.02

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Comply with the following additional requirements:

1. The complete standard shall be identical to the type manufactured by the HAPCO Company to match the existing lighting units.

2. An ornamental cap of aluminum alloy shall be provided with each shaft. The cap shall be fastened to the shaft by means of a stainless steel screw.

3. The pole shaft shall include a 4" by 6" reinforced handhole centered 18" above the bottom of the shaft. Handholes are to be located 90 degrees clockwise from the plane of the bracket arm as viewed from the top. A cover with stainless steel attachment screws shall be provided for the handhole. The opening for the handhole shall be oval in shape and measure 4" by 6", with the major dimension along the vertical axis. The hole in the shaft wall shall be reinforced with a frame of aluminum alloy 356-T6, which shall project slightly through the wall and be completely joined to the shaft with a fillet weld, the minimum size of which shall be 5/16". The opening shall be protected by a snug-fitting cover attached by means of the two stainless steel hex-head screws. The external contour of the reinforcing frame and cover shall be curved to conform to the roundness of the shaft. The cover shall have a surface finish identical to the shaft.

4. All nuts, bolts and washers used in the fabrication of the pole shall be Grade 18-8 stainless steel, aluminum alloy 2024-T4 with Alumilite No. 204 finish, or aluminum alloy 6061-T6, except for anchorage hardware.

5. The pole shaft shall be provided with a satin finish accomplished by mechanical rotary grinding. The bracket arms shall be provided with a satin etched finish. All materials shall be cleaned and free from dents and unsightly scratches. No surface preparation or painting of any type shall be required at the time of installation.

6. Raceway openings shall be free from burrs and rough edges that may be injurious to the wires, fitted with a rubber grommet.

Installation. Installation shall be as described in Article 830 and as indicated on the plans.

Method Of Measurement. Light pole of the type, mounting height, and arm (quantity and length) type specified shall be counted, each installed.

Basis Of Payment. This item will be paid at the contract unit each for **LIGHT POLE**, of the type mounting height, and arm (quantity and length) type specified, which shall be payment in full for the light pole installation.

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MODIFY EXISTING LIGHT POLES

Description. The Contractor shall remove existing lighting poles as indicated on the Drawings. Existing light poles consist of 45'-2" aluminum shaft and 12'-0" truss type mast arm with 400W sodium vapor luminaire. After the existing light poles have been removed, the Contractor shall replace existing 12'-0" mast arms with 15'-0" truss type aluminum mast arms. Existing luminaries shall be salvaged for installation for permanent lighting as specified elsewhere in these specifications. Excess luminaries shall be salvaged for Owner's use as indicated in the Contract Drawings. The work shall also include the replacement of existing wires within the light pole and providing a 20 ampere, 120 volt receptacle with GFCI device and weather proof cover in accordance with the NEC.

Materials. Modified light poles shall conform to AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals".

Additional materials shall be according to the following Articles of Section 1000 - Materials

Item	Article/Section
(a) Pole Wire....	1066.09
(b) Fuses & Fuse holders....	1065.01
(c) Mounting Pad....	1069.03
(d) Pole/Unit Identification....	1069.02

Installation. Installation shall be as described in Article 830 and as indicated on the plans.

Method Of Measurement. Existing light pole of the type, mounting height, and arm modified shall be counted, each installed.

Basis Of Payment. This item shall be paid at the contract unit each for **MODIFY EXISTING LIGHT POLE**, of the type mounting height, and arm (quantity and length) type specified. Payment will be made under:

MODIFY EXISTING LIGHT POLE, ALUMINUM 47.5 FT M.H., WITH NEW 15 FT MAST ARM AND 20 AMP, 120V GFCI RECEPTACLE, per each.

Revised 11/03/2006

Any damage resulting from the removal and/or transportation of the cabinet, control equipment, and associated hardware, shall be repaired to its original condition, or replaced in kind, at the Contractor's own expense, to the satisfaction of the Engineer. The Engineer shall be the sole judge to determine the extent of damage.

Method of Measurement. Each lighting controller, and all associated control equipment, which is removed and delivered to storage shall be counted as a unit for payment.

Basis of Payment: This item will be paid for at the contract unit price each for **REMOVAL OF EXISTING LIGHTING CONTROLLER, SALVAGE**, which shall be payment in full for the work described herein.

Removal of Existing Lighting Unit

Add the following paragraphs to Article 842.02 of the Standard Specifications:

REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE, and REMOVAL OF LIGHTING UNIT, NO SALVAGE, shall apply to permanent lighting units consisting of metal light poles with mast arms and luminaires on concrete foundations or attached to roadway structures.

"The Contractor shall request in writing that the Engineer inspect existing lighting units to be removed not less than one month prior to the removal of the lighting units. The Engineer shall determine whether the lighting units or their components, on an individual or group basis, shall be salvaged by the State or become property of the Contractor. The Engineer may also withhold judgement on certain units or components until the Contractor removes them from the foundations and a closer inspection can be performed. Such inspection will be performed at the work site. The quantities of REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE, and REMOVAL OF LIGHTING UNIT, NO SALVAGE, shall be adjusted to reflect the determination made by the Engineer in the field." The work of obtaining the Engineer's inspection shall be included in the cost of REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE and REMOVAL OF LIGHTING UNIT, NO SALVAGE, and will not be paid for separately.

Revised 11/03/2006

FLAGSTONE PAVING

Description

A. This work includes providing all materials and equipment, and do all work required to construct flagstone carriage walks as indicated on the Drawings and as specified herein.

General Requirements

A. The quarry from which the Contractor proposes to supply the stone shall be acceptable to the Engineer. Stone shall be obtained from the specified supplier, or from an approved equal source. The Contractor's proposed equal source must be able to adequately demonstrate to the Engineer that it can supply the quantities, colors and types of stone that are required for the project. Proposed equal sources must be presented for approval during the bid process.

B. The right is reserved, at the source or jobsite, to reject materials deemed by the Engineer to be unsuitable. Such material shall be removed from the job site at the Contractor's expense.

C. The Contractor shall be prepared to make adjustments at his cost in stone arrangements and locations, as requested by the Engineer.

Submittals and Samples

A. Prior to ordering stone, the Contractor shall submit samples of each type of stone to the Engineer for approval. Samples shall be representative of color, texture and specified finish. More than one sample shall be submitted, if required to adequately demonstrate color and textural variation.

B. Shop drawings shall be submitted for approval for all dimensioned stone to be used.

C. If required, grout samples shall be submitted for color.

Revised 11/03/2006

Basis of Payment: This work will be paid for at the contract unit price per square yard (square meter) for PLANTING MIX FURNISH AND PLACE, of the thickness specified. Payment shall include all testing, furnishing, stockpiling, transporting of materials, all labor and equipment necessary, disposal and incidentals required to complete the work as specified herein and to the satisfaction of the Engineer. Furnishing and Placing Compost shall be paid for separately.

LUMINAIRE

Effective: August 1, 2004

Add the following to first paragraph of Article 1067(a)(3) of the Standard Specifications:

> "The reflector shall not be altered by paint or other opaque coatings which would cover or coat the reflecting surface. Control of the light distribution by any method other than the reflecting material and the aforementioned clear protective coating that will alter the reflective properties of the reflecting surface is unacceptable"

Add the following to Article 1067(a)(5)a. of the Standard Specifications:

> "The ballast shall be a High Pressure Sodium, high power factor, constant wattage auto-regulator, lead type (CWA) for operation on a nominal 240 volt system."

Revise the second sentence of the second paragraph of Article 1067(a)(5)c. of the Standard Specifications:

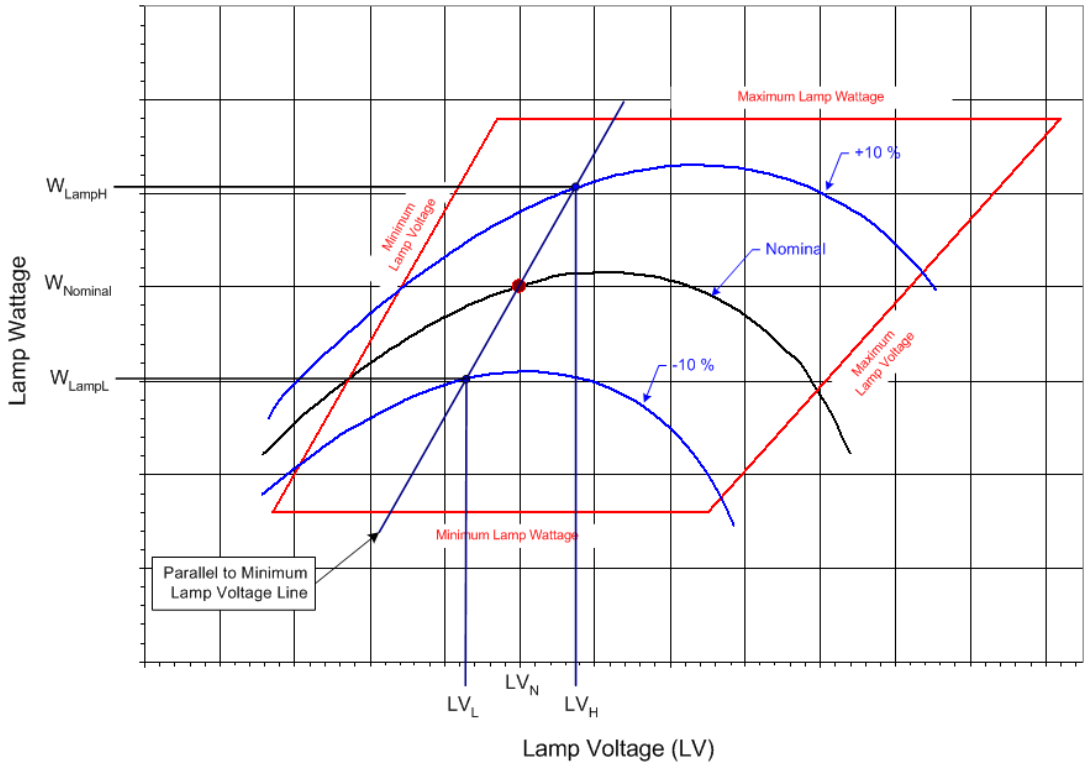
> "The ballast shall be designed to ANSI Standards and shall be designed and rated for operation on a nominal 240 volt system. The ballast shall provide positive lamp ignition at the input voltage of 216 volts. It shall operate the lamp over a range of input voltages from 216 to 264 volts without damage to the ballast. It shall provide lamp operation within lamp specifications for rated lamp life at input design voltage range. Operating characteristics shall produce output regulation not exceeding the following values:

Revised 11/03/2006

Nominal Ballast Wattage	Maximum Ballast Regulation
750	25%
400	26%
310	26%
250	26%
150	24%
70	18%

For this measure, regulation shall be defined as the ratio of the lamp watt difference between the upper and lower operating curves to the nominal lamp watts; with the lamp watt difference taken within the ANSI trapezoid at the nominal lamp operating voltage point parallel to the minimum lamp volt line:

Revised 11/03/2006



$$\text{Ballast Regulation} = \frac{W_{LampH} - W_{LampL}}{W_{LampN}} \times 100$$

Revised 11/03/2006

where:
W_{LampH} = lamp watts at +10% line voltage when Lamp voltage = LV_H
W_{LampL} = lamp watts at - 10% line voltage when lamp voltage = LV_L
W_{lampN} = lamp watts at nominal lamp operating voltage = LV_N

Wattage	Nominal Lamp Voltage, LV_N	LV_L	LV_H
750	120v	115v	125v
400	100v	95v	105v
310	100v	95v	105v
250	100v	95v	105v
150	55v	50v	60v
70	52v	47v	57v

Revise the third sentence of the second paragraph of Article 1067(a)(5)c. of the Standard Specifications to read:

"Ballast losses, based on cold bench tests, shall not exceed the following values:

Nominal Ballast Wattage	Maximum Ballast Losses
750	14.0%
400	17.0%
310	19.0%
250	19.0%
150	26.0%
70	34.0%

Ballast losses shall be calculated based on input watts and lamp watts at nominal system voltage as indicated in the following equation:

$$\text{Ballast Losses} = \frac{W_{Line} - W_{Lamp}}{W_{Lamp}} \times 100$$

where:
W_{line} = line watts at nominal system voltage
W_{lamp} = lamp watts at nominal system voltage

Revised 11/03/2006

Add the following to Article 1067(a)(5)c. of the Standard Specifications:

"Ballast output to lamp. At nominal system voltage and nominal lamp voltage, the ballast shall deliver lamp wattage with the variation specified in the following table. Example: *For a 400w luminaire, the ballast shall deliver 400 watts ±2.5% at a lamp voltage of 100v for the nominal system voltage of 240v which is the range of 390w to 410w.*"

Nominal Ballast Wattage	Output to lamp variation
750	± 2.0%
400	± 2.5%
310	± 2.5%
250	± 4.0%
150	± 4.0%
70	± 4.0%

Add the following to Article 1067(a)(5)c. of the Standard Specifications:

"Ballast output over lamp life. Over the life of the lamp the ballast shall produce average output wattage of the nominal lamp rating as specified in the following table. Lamp wattage readings shall be taken at 5-volt increments throughout the ballast trapezoid. Reading shall begin at the lamp voltage (L_V) specified in the table and continue at 5 volt increments until the right side of the trapezoid is reached. The lamp wattage values shall then be averaged and shall be within the specified value of the nominal ballast rating. Submittal documents shall include a tabulation of the lamp wattage vs. lamp voltage readings. Example: *For a 400w luminaire, the averaged lamp wattage reading shall not exceed the range of ±3% which is 388 to 412 watts*"

Nominal Ballast Wattage	LV Readings begin at	Maximum Wattage Variation
750	110v	± 3%
400	90v	± 3%
310	90v	± 3%
250	90v	± 4%
150	50v	± 4%
70	45v	± 5%

Revised 11/03/2006

Revise the first paragraph of Article 1067(a)(7) of the Standard Specifications to read:

"Independent testing of luminaires shall be required whenever the quantity of luminaires of a given wattage and distribution, as indicated on the plans, is 50 or more. For each luminaire type to be so tested, one luminaire plus one luminaire for each 50 luminaires shall be tested. Example: *A plan quantity of 75 luminaires would dictate that 2 to be tested; 135 luminaires would dictate that three be tested*."

Add the following to Article 1067(a)(7) of the Standard Specifications:

"The Contractor shall be responsible for all costs associated with the specified testing, including but not limited to shipping, travel and lodging costs as well as the costs of the tests themselves, all as part of the bid unit price for this item. Travel, lodging and other associated costs for travel by the Engineer shall be direct-billed to or shall be pre-paid by the Contractor, requiring no direct reimbursement to the Engineer or the independent witness, as applicable"

Revise Article 1067(a)(7)a. of the Standard Specifications to read:

"Engineer Factory Selection for Independent Lab: The Contractor may select this option if the luminaire manufacturing facility is within the state of Illinois. The Contractor shall propose an independent test laboratory for approval by the Engineer. The selected luminaires shall be marked by the Engineer and shipped to the independent laboratory for tests."

Revise Article 1067(a)(7)b. of the Standard Specifications to read:

"Engineer Witness of Independent Lab Test: The Contractor may select this option if the independent testing laboratory is within the state of Illinois. The Engineer shall select, from the project luminaires at the manufacturer's facility or at the Contractor's storage facility, luminaires for testing by the independent laboratory."

Add the following to Article 1067(a)(7)c. of the Standard Specifications:

"The independent witness shall as a minimum meet the following requirements:

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- Have been involved with roadway lighting design for at least 15 years.
- Not have been the employee of a luminaire or ballast manufacturer within the last 5 years.
- Not associated in any way (plan preparation, construction or supply) with the particular project being tested.
- Be a member of IESNA in good standing.
- Provide a list of professional references.

This list is not an all inclusive list and the Engineer will make the final determination as to the acceptability of the proposed independent witness."

Add the following to Article 1067(a)(7) of the Standard Specifications:

"d. Engineer Factory Selection and Witness of Manufacturer Testing: The Contractor may select this option if the luminaire manufacturing facility is within the state of Illinois. At the Manufacturer's facility, the Engineer shall select the luminaires to be tested and shall be present during the testing process. The Contractor shall schedule travel by the Engineer to and from the Manufacturer's laboratory to witness the performance of the required tests."

Revise the sixth paragraph of Article 1067(c)(1)a. of the Standard Specifications to read:

"The beam of maximum candlepower for luminaires specified or shown to have a 'medium' distribution shall be at 70 degrees from the horizontal ± 2.5 degrees. Submittal information shall identify the angle."

Revise Article 1067.02(a)(1) of the Standard Specifications to read:

"The lamps shall be of the clear type and shall have a color of 2050° to 2100° Kelvin."

Revised 11/03/2006

NON-SPECIAL WASTE WORKING CONDITIONS

Revised: October 31, 2006

This work shall be according to Article 669 of the Standard Specifications for Road and Bridge Construction adopted January 1, 2002 and the following:

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

General. Implementation of this Special Provision will likely require the Contractor to subcontract for the execution of certain activities. It will be the Contractor's responsibility to assess the working conditions and adjust anticipated production rates accordingly.

The Contractor shall manage all contaminated materials as non-special waste as previously identified. This work shall include monitoring and potential sampling, analytical testing, and management of petroleum contaminated material.

The Contractor shall excavate and dispose of any soil classified as a non-special waste as directed by this project or the Engineer. Any excavation or disposal beyond what is required by this project or the Engineer shall be at the Contractor’s expense. The preliminary site investigation (PSI) report, available through the District’s Environmental Studies Unit, estimated the excavation quantity of non-special waste at the following location. The information available at the time of plan preparation determined the limits of the contamination and the quantities estimated were based on soil excavation for construction purposes only. The lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit which ever is less. The Environmental Firm shall continuously monitor for worker protection and the Contractor shall manage and dispose of all soils excavated within the following areas as classified below. Any soil samples or analysis without the approval of the Engineer shall be at the Contractor’s expense.

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1. Station 168+90 to Station 170+85 0 to 160 feet LT (B.P. Gasoline Station, Site #1388C-1, 15898 South LaGrange Road) – non-special waste. Contaminants of concern sampling parameters: BETX, PNAs, and Arsenic.

2. Station 168+90 to Station 170+85 0 to 120 feet RT (Walgreens Drug Store, Site 1388C-3, 9570 West 159th Street) – non-special waste. Contaminants of concern sampling parameters: BETX, PNAs, and Arsenic.

Backfill pugs shall be place within the following locations.

1. Station 168+90 to Station 171+25 0 to 160 feet LT (B.P. Gasoline Station, Site #1388C-1, 15898 South LaGrange Road) – non-special waste. Contaminants of concern sampling parameters: BETX, PNAs, and Arsenic.

2. Station 168+90 to Station 171+25 0 to 120 feet RT (Walgreens Drug Store, Site 1388C-3, 9570 West 159th Street) – non-special waste. Contaminants of concern sampling parameters: BETX, PNAs, and Arsenic.

Engineered Barrier. An engineered barrier shall be installed in storm sewer trenches between Station 168+90 to Station 171+25 0 to 160 feet LT (B.P. Gasoline Station, Site #1388C-1, 15898 South LaGrange Road), and Station 168+90 to Station 171+25 0 to 120 feet RT (Walgreens Drug Store, Site 1388C-3, 9570 West 159th Street) to limit the exposure and control the migration of contamination from the contaminated soil that remains within the trench excavation. It shall be placed beneath the trench backfill material.

The engineered barrier shall consist of a geosynthetic clay liner system, geomembrane liner, or equivalent material as approved by the Engineer. A geosynthetic clay liner shall be composed of a bentonite clay liner approximately 6.4 millimeters (0.25 inches) thick. The engineered barrier shall have a permeability of less than 10^{-7} cm/sec. Installation of the geosynthetic clay liner system shall be in accordance with the manufacturer's recommendations except that all laps shall face down-slope.

The geomembrane liner shall have a minimum thickness of 30 mil. The geomembrane liner shall line the entire trench and in accordance with the manufacturer's recommendations.

No equipment will be allowed on the engineered barrier until it is covered by a minimum of 305 millimeters (1 foot) of backfill. Any damage to the engineered barrier caused by the Contractor shall be repaired at the Contractor's expense in accordance with the manufacturer's recommendations and as directed by the Engineer.

Revised 11/03/2006

Method of Measurement. Engineered barrier will be measured for payment in place and the area computed in square meters (square yards).

Basis of Payment. The engineered barrier will be paid for at the contract unit price per square meters (square yards) for ENGINEERED BARRIER, which price will include the cost of all equipment, labor, and materials for placing of the engineered barrier.

Revised 11/03/2006

BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID)
Effective: November 2, 2006 Revised: January 2, 2007

Description. For projects with at least 1200 tons (1100 metric tons) of work involving applicable bituminous materials, cost adjustments will be made to provide additional compensation to the Contractor, or credit to the Department, for fluctuations in the cost of bituminous materials when optioned by the Contractor. The adjustments shall apply to permanent and temporary hot-mix asphalt (HMA) mixtures, bituminous surface treatments (cover and seal coats), and pavement preservation type surface treatments. The adjustments shall not apply to bituminous prime coats, tack coats, crack filling/sealing, or joint filling/sealing.

The bidder shall indicate on the attached form whether or not this special provision will be part of the contract and submit the completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments.

Method of Adjustment. Bituminous materials cost adjustments will be computed as follows.

$CA = (BPI_P - BPI_L) \times (\%AC_V / 100) \times Q$

Where: CA = Cost Adjustment, $.
BPI_P = Bituminous Price Index, as published by the Department for the month the work is performed, $/ton ($/metric ton).
BPI_L = Bituminous Price Index, as published by the Department for the month prior to the letting, $/ton ($/metric ton).
$\%AC_V$ = Percent of virgin Asphalt Cement in the Quantity being adjusted. For HMA mixtures, the $\% AC_V$ will be determined from the adjusted job mix formula. For bituminous materials applied, a performance graded or cutback asphalt will be considered to be 100% AC_V and undiluted emulsified asphalt will be considered to be 65% AC_V.
Q = Authorized construction Quantity, tons (metric tons) (see below).

For HMA mixtures measured in square yards: Q, tons = A x D x (G_{mb} x 46.8) / 2000. For HMA mixtures measured in square meters: Q, metric tons = A x D x (G_{mb} x 24.99) / 1000. When computing adjustments for full-depth HMA pavement, separate calculations will be made for the binder and surface courses to account for their different G_{mb} and $\% AC_V$.

For bituminous materials measured in gallons: Q, tons = V x 8.33 lb/gal x SG / 2000
For bituminous materials measured in liters: Q, metric tons = V x 1.0 kg/L x SG / 1000

Added 11/03/2006

Where: A = Area of the HMA mixture, sq yd (sq m).
D = Depth of the HMA mixture, in. (mm).
G_{mb} = Average bulk specific gravity of the mixture, from the approved mix design.
V = Volume of the bituminous material, gal (L).
SG = Specific Gravity of bituminous material as shown on the bill of lading.

Basis of Payment. Bituminous materials cost adjustments may be positive or negative but will only be made when there is a difference between the BPI_L and BPI_P in excess of five percent, as calculated by:

Percent Difference = $\{(BPI_L - BPI_P) \div BPI_L\} \times 100$

Bituminous materials cost adjustments will be calculated for each calendar month in which applicable bituminous material is placed; and will be paid or deducted when all other contract requirements for the items of work are satisfied. The adjustments shall not apply during contract time subject to liquidated damages for completion of the entire contract.

Added 11/03/2006

Return With Bid

ILLINOIS DEPARTMENT OF TRANSPORTATION

OPTION FOR BITUMINOUS MATERIALS COST ADJUSTMENTS

The bidder shall submit this completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments. After award, this form, when submitted, shall become part of the contract.

Contract No.: _____

Company Name: _____

Contractor's Option:

Is your company opting to include this special provision as part of the contract?

Yes ☐ No ☐

Signature: _____ **Date:** _____

Added 11/03/2006

IEPA WATER POLLUTION CONTROL PERMIT

US 6
#62880

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL PERMIT

LOG NUMBERS: 1861-06 **PERMIT NO.:** 2006-HB-1861

FINAL PLANS, SPECIFICATIONS, APPLICATION AND SUPPORTING DOCUMENTS **DATE ISSUED:** October 26, 2006
PREPARED BY: McDonough Associates, Inc.

SUBJECT: ORLAND PARK- 159th Street and LaGrange Road
(MWRDGC Calumet Sewage Treatment Plant) -- Sanitary Sewer Permit

PERMITTEE TO CONSTRUCT, OWN AND OPERATE

Village of Orland Park
14700 S. Ravinia Avenue
Orland Park, IL 60462

Permit is hereby granted to the above designated permittee(s) to construct and/or operate water pollution control facilities described as follows (quantities are approximate):

212 feet of 8 inch sanitary sewer and 2 manholes to serve a developed area (0 P.E., 0 GPD, DAF) located at LaGrange Road with discharge to an existing 10 inch sanitary sewer tributary to the above indicated sewage treatment plant.

This Permit is issued subject to the following Special Condition(s). If such Special Condition(s) require(s) additional or revised facilities, satisfactory engineering plan documents must be submitted to this Agency for review and approval for issuance of a Supplemental Permit.

SPECIAL CONDITION 1: Any connections to this sanitary sewer extension must be in accordance with the latest Revisions of Title 35, Subtitle C, Chapter 1. Permits must be obtained if required by said regulations.

SPECIAL CONDITION 2: If this project is located within a wetlands, the U.S. Army Corps of Engineers may require a permit for construction pursuant to Section 404 of the Clean Water Act.

SPECIAL CONDITION 3: The Permittee to Construct shall be responsible for obtaining an NPDES Storm Water Permit prior to initiating construction if the construction activities associated with this project will result in the disturbance of one (1) or more acres total land area.

An NPDES Storm Water Permit may be obtained by submitting a properly completed Notice of Intent (NOI) form by certified mail to the Agency's Division of Water Pollution Control - Permit Section.

SPECIAL CONDITION 4: Horizontal and/or vertical separation between any sanitary sewers and water mains must be in conformance with Section 370.350 of the Illinois Recommended Standards for Sewage Works.

SPECIAL CONDITION 5: The proposed manholes shall be tested for watertightness in accordance with the Illinois Recommended Standards for Sewage Works Section 370.330 (e) (2).

THE STANDARD CONDITIONS OF ISSUANCE INDICATED ON THE REVERSE SIDE MUST BE COMPLIED WITH IN FULL. READ ALL CONDITIONS CAREFULLY.

SAK:MRA:j:\docs\permits\statecon\ashrafi\186106.wpd **DIVISION OF WATER POLLUTION CONTROL**

cc: EPA - Des Plaines FOS
McDonough Associates, Inc.
MWRDGC
Records - Municipal
Binds

Alan Keller, P.E.
Manager, Permit Section

Added 11/03/2006

READ ALL CONDITIONS CAREFULLY:
STANDARD CONDITIONS

The Illinois Environmental Protection Act (Illinois Revised Statutes Chapter 111-12, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

1. Unless the construction for which this permit is issued has been completed, this permit will expire (1) two years after the date of issuance for permits to construct sewers or wastewater sources or (2) three years after the date of issuance for permits to construct treatment works or pretreatment works.

2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.

3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.

4. The permittee shall allow any agent duly authorized by the Agency upon the presentations of credentials:

   a. to enter at reasonable times, the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit;

   b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;

   c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit;

   d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants;

   e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.

5. The issuance of this permit:

   a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;

   b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;

   c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;

   d. does not take into consideration or attest to the structural stability of any units or parts of the project;

   e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.

6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the agency before the facility or equipment covered by this permit is placed into operation.

7. These standard conditions shall prevail unless modified by special conditions.

8. The Agency may file a complaint with the Board for suspension or revocation of a permit:

   a. upon discovery that the permit application contained misrepresentations, misinformation or false statement or that all relevant facts were not disclosed; or

   b. upon finding that any standard or special conditions have been violated; or

   c. upon any violation of the Environmental Protection Act or any Rules or Regulation effective thereunder as a result of the construction or development authorized by this permit.

Added 11/03/2006

US 6
#62880

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 N. Grand Avenue East, P.O. Box 19276
Springfield, IL 62794-9276

Division of Public Water Supplies — Telephone 217/782-1724

PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

SUBJECT: ORLAND PARK (Cook County-0312310)

Permit Issued to:
Village President and Board of Trustees
14700 S. Ravinia Avenue
Orland Park, IL 60462

PERMIT NUMBER: 2650-FY2006
Proposed Improvement

DATE ISSUED: August 3, 2006
PERMIT TYPE: Water Main

The issuance of this permit is based on plans and specifications prepared by the engineers/architects indicated, and are identified as follows:

FIRM: McDonough Associates, Inc.
NUMBER OF PLAN SHEETS: 22
TITLE OF PLANS: "FAP 351 (US 6) and US 45 (La Grange Road) Intersection Reconstruction **SR**"

PROPOSED IMPROVEMENTS:

Install 1,072 lineal feet of 8-inch water main, 15 lineal feet of 10-inch water main, 262 lineal feet of 12-inch water main, and 1,362 lineal feet of 16-inch water main

ADDITIONAL CONDITIONS:

1. All water mains shall be satisfactorily disinfected prior to use. In accordance with the requirements of AWWA C651-99, at least one set of samples shall be collected from every 1,200 feet of new water main, plus one set from the end of the line and at least one set from each branch. Satisfactory disinfection shall be demonstrated in accordance with the requirements of 35 Ill. Adm. Code 652.203.

This permit is issued for the construction and/or installation of the public water supply improvements described above, in accordance with the provisions of the "Environmental Protection Act," Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the reverse side of this page and the ADDITIONAL CONDITIONS printed above.

IL 532-0168
PWS 065 Rev. 12/01

Jerry H. Kuhn, P.E.
Manager, Permit Section
Division of Public Water Supplies

Added 11/03/2006

IEPA PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 N. Grand Avenue East, P.O. Box 19276
Springfield, IL 62794-9276

Division of Public Water Supplies — Telephone 217/782-1724

PUBLIC WATER SUPPLY CONSTRUCTION PERMIT

SUBJECT: ORLAND PARK (Cook County-0312310)

Permit Issued to:
Village President and Board of Trustees
14700 S. Ravinia Avenue
Orland Park, IL 60462

PERMIT NUMBER: 2650-FY2006
Proposed Improvement

DATE ISSUED: August 3, 2006
PERMIT TYPE: Water Main

2. There are no further conditions to this permit.

JHK:ECA:dsa

CC: McDonough Associates, Inc.
Elgin Regional Office
Cook County Health Department

This permit is issued for the construction and/or installation of the public water supply improvements described above, in accordance with the provisions of the "Environmental Protection Act," Title IV, Sections 14 through 17, and Title X, Sections 39 and 40, and is subject to the conditions printed on the reverse side of this page and the ADDITIONAL CONDITIONS printed above.

IL 532-0168
PWS 065 Rev. 12/01

Jerry H. Kuhn, P.E.
Manager, Permit Section
Division of Public Water Supplies

Added 11/03/2006

STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

(July 1, 1979)

The Illinois Environmental Protection Act (Illinois Compiled Statutes, Chapter 111-½, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

These standard conditions shall apply to all permits which the Agency issues for construction or development projects which require permits under the Divisions of Water Pollution Control, Air Pollution Control, Public Water Supplies, and Land and Noise Pollution Control, Special conditions may also be imposed by the separate divisions in addition to these standard conditions.

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire one year after date of issuance unless construction or development on this project has started on or prior to that date. (See below)

2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.

3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.

4. The permittee shall allow any agent duly authorized by the Agency upon the presentation of credentials:

   a. to enter at reasonable times the permittee's premises where actual or potential effluent, emission or noise sources are located or where any activity is to be conducted pursuant to this permit.

   b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit.

   c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit.

   d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants.

   e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.

5. The issuance of this permit:

   a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;

   b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;

   c. does not release the permittee from compliance with other applicable statues and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;

   d. does not take into consideration or attest to the structural stability of any units or parts of the project;

   e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liablility directly or indirectly for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.

6. These standard conditions shall prevail unless modified by special conditions.

7. The Agency may file a complaint with Board of modification, suspension or revocation of a permit:

   a. upon discovery that the permit application contained misrepresentation or false statements or that all relevant facts were not disclosed; or

   b. upon finding that any standard or special conditions have been violated; or

   c. upon any violation of the Environmental Protection Act or any Rule or Regulation effective thereunder as a result of the construction or development authorized by this permit.

For Division of Public Water Supply Construction Permits, construction on this project, once started, may continue for four years before this permit expires. A request for extension shall be filed at least 90 days prior to the permit expiration date.

Added 11/03/2006