



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 19, 2013

SUBJECT: FAP Route 330(US 45)
Project NHPP-0330(074)
Section 103R-3
Cook County
Contract No. 60F05
Item No. 171, April 26, 2013 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 vi of the Table of Contents to the Special Provisions.
3. Revised pages 2, 11, 152-154 and 196 of the Special Provisions.
4. Added page 392 to the Special Provisions.
5. Revised sheets 5-7, 10, 13, 15, 17, 19, 21, 28-30, 32, 45, 48, 49, 81, 82, 415, 417, 422, 563, 564, 566, 570-576, 581-583 & 803 805 and 806 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,

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

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

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

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

dp

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

Project Number
 NHPP-0330/074/

Route
 FAP 330

County Name - COOK - -

Code - 31 - -

District - 1 - -

Section Number - 103R-3

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2002920	T-CELTIS OCCID 2-1/2	EACH	28.000				
A2004820	T-GLED TRI-I SK 2-1/2	EACH	4.000				
A2005020	T-GYMNOCLA DIO 2-1/2	EACH	37.000				
A2005420	T-LIRIODEN TUL 2-1/2	EACH	15.000				
A2005674	T-OSTRYA VIRG CL 10'	EACH	4.000				
A2006516	T-QUERCUS BICOL 2	EACH	1.000				
A2006520	T-QUERCUS BICOL 2-1/2	EACH	22.000				
A2006618	T-QUERCUS IMBR 2-1/2	EACH	37.000				
A2006820	T-QUERCUS MEUH 2-1/2	EACH	35.000				
A2008100	T-TILIA CORD GLEN 2.5	EACH	18.000				
B2002220	T-CRAT VR WK TF 2-1/2	EACH	17.000				
B2002270	T-CRAT VIR WK CL 8'	EACH	44.000				
B2005423	T-PRUN VR CR TF 2-1/2	EACH	86.000				
C2C01536	S-CORNUS RACEMOSA 3'C	EACH	24.000				
C2C03726	S-HYPER KALM AMES 5GC	EACH	728.000				

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C2C05824	S-RHUS AROMA GRO 2'C	EACH	850.000				
C2C065G3	S-ROSA BALINE 3G	EACH	80.000				
C2C066G3	S-ROSA JACRUMHI 3G	EACH	80.000				
C2C080G3	S-ROSA X NOALESA 3G	EACH	107.000				
C2C09784	S-SPIREA BETUL T 2'C	EACH	620.000				
C2C11736	S-VIBURN DENT 3'C	EACH	5.000				
C2004840	S-PHYSO OP MONLO 3'	EACH	124.000				
C2007010	S-ROSA KNOCKOUT CG 3G	EACH	78.000				
C2012484	S-VIBURN NUDUM 4'	EACH	6.000				
C20154G5	S-JUNIP VIRG BM 5G	EACH	52.000				
D2003536	E-TAXUS X MD DN 3'	EACH	63.000				
E20085G1	V-CLEMATIS X JACK 1G	EACH	35.000				
E20230G1	V-PARTHEN TRI LOW 1G	EACH	35.000				
K0012970	PERENNIAL PLNT BULB T	UNIT	14.000				
K0012990	P PL ORNAMENT T GAL P	UNIT	48.000				

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K0012993	P PL ORNAMENT T 3G P	UNIT	8.000				
K0026850	PERENNIAL PLANT CARE	SQ YD	4,922.000				
K0029629	WEED CONT BROADLF TRF	POUND	5.000				
K0029632	WEED CONT N SEL/N RES	GALLON	3.000				
K0029634	WEED CONTR PRE-EM GRN	POUND	100.000				
XX000052	REM EX WATERMAIN	FOOT	1,176.000				
XX000541	EXPLOR EXCAVATION	CU YD	100.000				
XX003885	IRRIGATION SYSTEM	L SUM	1.000				
XX005713	ORNAMENTAL RAILING	FOOT	2,418.000				
XX005937	LED INT IL S-NAME SGN	EACH	8.000				
XX006653	FENCE (SPECIAL)	FOOT	556.000				
XX007558	GATE VALVE 6 VAULT 4	EACH	3.000				
XX007559	GATE VALVE 8 VAULT 4	EACH	1.000				
XX008746	VALVE W/VALVE BOX 6	EACH	1.000				
X0325003	REM EX VALVE & VAULT	EACH	2.000				

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*REV X0325318	LT WT CELL CONC FILL	CU YD	1,438.000				
X0325751	DRIVE SOLDIER PILES	FOOT	632.000				
X0326498	GFCI20A DX RECEPTACLE	EACH	35.000				
X0326747	SANITARY FORCE MAIN 6	FOOT	735.000				
X0327004	TEMP WP 60 CL 4	EACH	1.000				
X0327024	FIRE HYDNT REM & SALV	EACH	4.000				
X0327482	TAP V&S8X8 60V 1FCL	EACH	2.000				
X0327483	TAP V&S12X12 60V 1FCL	EACH	1.000				
X0327512	SANITARY FORCE MAIN 4	FOOT	735.000				
X0327578	GATE VALVE 10 VAULT 4	EACH	1.000				
X0327579	GATE VALVE 12 VAULT 4	EACH	2.000				
X0327580	GATE VALVE 16 VAULT 5	EACH	4.000				
X0327581	2"+ WTR SV W/BOX <30'	EACH	1.000				
*REV X2800520	ABOVE GRADE INLT FLTR	EACH	804.000				
X4021000	TEMP ACCESS- PRIV ENT	EACH	4.000				

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X4022000	TEMP ACCESS- COM ENT	EACH	36.000				
X4023000	TEMP ACCESS- ROAD	EACH	1.000				
X4024000	TEMP ACCESS- FLD ENT	EACH	4.000				
X4024100	TEMP ACCESS WINTERIZE	SQ YD	3,531.000				
X4200110	HES PCC PVT 10 JNTD	SQ YD	6,593.000				
X4200501	PCC PVT 10 JOINTD SPL	SQ YD	1,310.000				
X4402805	ISLAND REMOVAL	SQ FT	4,864.000				
X4404000	PARKING LOT PAVT REM	SQ YD	2,641.000				
X5030285	FORM LINR TEX SURF TS	EACH	2.000				
*REV X5121800	PERM STEEL SHT PILING	SQ FT	14,495.000				
X550A562	TEMP SS CL A 2 12	FOOT	328.000				
X5610004	D I WTR MN FITTINGS	POUND	1,426.000				
X5610649	PLUG WATER MAIN 12	EACH	1.000				
X5611106	DI WM CL52 POLY EN 6	FOOT	20.000				
X5611108	DI WM CL52 POLY EN 8	FOOT	40.000				

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X5611112	DI WM CL52 POLY EN 12	FOOT	1,176.000				
X5620035	WAT SER CONN 1 1/2	EACH	3.000				
X5630008	CUT & CAP EX 8 WM	EACH	2.000				
X5630012	CUT & CAP EX 12 WM	EACH	1.000				
*REV X5860110	GRANULAR BACKFILL STR	CU YD	1,354.000				
X6020096	MH TA 6D W/2 T1FCL RP	EACH	11.000				
X6021193	TEMP CATCH BASINS	EACH	25.000				
X6026622	VV REMOVED	EACH	4.000				
X6700410	ENGR FLD OFF A SPL	CAL MO	30.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
X7030025	WET REF TEM TP T3 L&S	SQ FT	4,623.000				
*REV X7030030	WET REF TEM TAPE T3 4	FOOT	177,416.000				
*REV X7030040	WET REF TEM TAPE T3 6	FOOT	21,481.000				
X7030045	WET REF TEM TAPE T3 8	FOOT	307.000				
X7030050	WET REF TEM TPE T3 12	FOOT	3,293.000				

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X7030055	WET REF TEM TPE T3 24	FOOT	2,153.000				
X8210015	TEMP LUM HPSV 400	EACH	32.000				
X8250060	TEMP LIGHT CONTROLLER	EACH	1.000				
X8250090	COMB POLE LTG CONTROL	EACH	1.000				
X8250505	LIGHT CONTROLLER SPL	EACH	1.000				
X8300001	LIGHT POLE SPECIAL	EACH	35.000				
X8300005	LT P WD 60 CL4 SPL	EACH	32.000				
X8360215	LIGHT POLE FDN 24D OS	FOOT	45.000				
X8510200	PAINT TRAF SIG EQUIP	L SUM	1.000				
X8570226	FAC T4 CAB SPL	EACH	4.000				
X8620200	UNINTER POWER SUP SPL	EACH	4.000				
X8710024	FOCC62.5/125 MM12SM24	FOOT	15,639.000				
X8730250	ELCBL C 20 3C TW SH	FOOT	3,908.000				
X8950075	REMOV EX LTG CONT SAL	EACH	2.000				
X8950600	REM RELOC EX LT STD	EACH	4.000				

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Z0007118	UNTREATED TIMBER LAG	SQ FT	235.000				
Z0007120	WELD WIRE FAB 6X6	SQ YD	164.000				
Z0007510	ENGINEERED BARRIER	SQ YD	250.000				
Z0013302	SEGMENT CONC BLK WALL	SQ FT	2,150.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0018911	DRILL-GROUT #6 T-BAR	EACH	250.000				
Z0026402	FUR SOLDIER PILES HP	FOOT	632.000				
Z0027800	GEOTECH FABRIC	SQ YD	166,691.000				
*REV Z0030850	TEMP INFO SIGNING	SQ FT	28.000				
Z0033028	MAINTAIN LIGHTING SYS	CAL MO	30.000				
Z0033040	ELEC SVC DSCNNCT L&TS	EACH	1.000				
Z0033046	RE-OPTIMIZE SIG SYS 2	EACH	4.000				
Z0045100	PRESS CONNECT 12X12	EACH	1.000				
Z0046304	P UNDR FOR STRUCT 4	FOOT	1,466.000				
Z0056608	STORM SEW WM REQ 12	FOOT	1,805.000				

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Z0056610	STORM SEW WM REQ 15	FOOT	351.000				
Z0056616	STORM SEW WM REQ 24	FOOT	118.000				
Z0062456	TEMP PAVEMENT	SQ YD	33,826.000				
Z0062458	TEMP PAVEMT VAR DEPTH	TON	1,349.000				
Z0064800	SELECTIVE CLEARING	UNIT	22.000				
Z0067700	STEEL CASINGS 20	FOOT	212.000				
Z0068200	STEEL CASINGS 30	FOOT	50.000				
Z0069100	STONE MASONRY WALL	FOOT	634.000				
Z0073345	SLEEPER SLAB	FOOT	256.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	4.000				
Z0076600	TRAINEES	HOUR	2,000.000		0.800		1,600.000
Z0076604	TRAINEES TPG	HOUR	2,000.000		10.000		20,000.000
20100110	TREE REMOV 6-15	UNIT	372.000				
20100210	TREE REMOV OVER 15	UNIT	39.000				
20100500	TREE REMOV ACRES	ACRE	0.250				

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*REV 20101000	TEMPORARY FENCE	FOOT	4,186.000				
20200100	EARTH EXCAVATION	CU YD	43,586.000				
20201200	REM & DISP UNS MATL	CU YD	46,199.000				
20400800	FURNISHED EXCAVATION	CU YD	24,193.000				
20600200	GRAN EMBANK SPEC	CU YD	96.000				
*REV 20800150	TRENCH BACKFILL	CU YD	8,610.000				
21101625	TOPSOIL F & P 6	SQ YD	113,975.000				
21101685	TOPSOIL F & P 24	SQ YD	7,028.000				
25000210	SEEDING CL 2A	ACRE	8.750				
25000310	SEEDING CL 4	ACRE	3.000				
25000400	NITROGEN FERT NUTR	POUND	1,615.000				
25000500	PHOSPHORUS FERT NUTR	POUND	1,615.000				
25000600	POTASSIUM FERT NUTR	POUND	1,615.000				
25000750	MOWING	ACRE	84.000				
25003310	INTERSEED CL 4	ACRE	0.500				

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*DEL 25100105	MULCH METHOD 1	ACRE	4.000				
25100115	MULCH METHOD 2	ACRE	6.000				
*REV 25100127	MULCH METHOD 3A	ACRE	18.000				
25100135	MULCH METHOD 4	ACRE	1.000				
*REV 25100630	EROSION CONTR BLANKET	SQ YD	17,403.000				
*REV 25100635	HD EROS CONTR BLANKET	SQ YD	41,312.000				
*REV 25200110	SODDING SALT TOLERANT	SQ YD	72,201.000				
25200200	SUPPLE WATERING	UNIT	1,194.000				
*REV 28000200	EARTH EXC - EROS CONT	CU YD	2,186.000				
*REV 28000250	TEMP EROS CONTR SEED	POUND	2,212.000				
*REV 28000305	TEMP DITCH CHECKS	FOOT	2,477.000				
*REV 28000400	PERIMETER EROS BAR	FOOT	21,387.000				
*DEL 28000510	INLET FILTERS	EACH	778.000				
*REV 28001000	AGGREGATE - EROS CONT	TON	142.000				
*DEL 28001100	TEMP EROS CONTR BLANK	SQ YD	7,228.000				

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28100105	STONE RIPRAP CL A3	SQ YD	288.000				
28100107	STONE RIPRAP CL A4	SQ YD	40.000				
28200200	FILTER FABRIC	SQ YD	328.000				
30300001	AGG SUBGRADE IMPROVE	CU YD	13,268.000				
30300112	AGG SUBGRADE IMPR 12	SQ YD	166,691.000				
35101800	AGG BASE CSE B 6	SQ YD	6,751.000				
35102000	AGG BASE CSE B 8	SQ YD	845.000				
35501308	HMA BASE CSE 6	SQ YD	206.000				
35501316	HMA BASE CSE 8	SQ YD	1,737.000				
35501326	HMA BASE CSE 10 1/2	SQ YD	707.000				
35600718	HMA BC WID 10 1/2	SQ YD	74.000				
40200900	AGG SURF CSE B	CU YD	40.000				
40600100	BIT MATLS PR CT	GALLON	10,194.000				
40600300	AGG PR CT	TON	3.000				
40600635	LEV BIND MM N70	TON	96.000				

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40600895	CONSTRUC TEST STRIP	EACH	2.000				
40603080	HMA BC IL-19.0 N50	TON	144.000				
40603335	HMA SC "D" N50	TON	1,072.000				
40603340	HMA SC "D" N70	TON	438.000				
40701931	HMA PAVT FD 12 1/2	SQ YD	11,318.000				
42000501	PCC PVT 10 JOINTED	SQ YD	125,591.000				
42001300	PROTECTIVE COAT	SQ YD	154,157.000				
42300200	PCC DRIVEWAY PAVT 6	SQ YD	79.000				
42300400	PCC DRIVEWAY PAVT 8	SQ YD	1,543.000				
42400200	PC CONC SIDEWALK 5	SQ FT	56,864.000				
42400800	DETECTABLE WARNINGS	SQ FT	1,149.000				
44000100	PAVEMENT REM	SQ YD	160,683.000				
44000157	HMA SURF REM 2	SQ YD	3,788.000				
44000200	DRIVE PAVEMENT REM	SQ YD	4,818.000				
44000300	CURB REM	FOOT	4,183.000				

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44000500	COMB CURB GUTTER REM	FOOT	37,247.000				
44000600	SIDEWALK REM	SQ FT	44,853.000				
44003100	MEDIAN REMOVAL	SQ FT	9,400.000				
44004250	PAVED SHLD REMOVAL	SQ YD	2,533.000				
44201761	CL D PATCH T1 10	SQ YD	240.000				
44201765	CL D PATCH T2 10	SQ YD	1,440.000				
44201769	CL D PATCH T3 10	SQ YD	720.000				
44300200	STRIP REF CR CON TR	FOOT	789.000				
48101500	AGGREGATE SHLDS B 6	SQ YD	201.000				
48203021	HMA SHOULDERS 6	SQ YD	58.000				
48300500	PCC SHOULDERS 10	SQ YD	36.000				
50104400	CONC HDWL REM	EACH	10.000				
50105220	PIPE CULVERT REMOV	FOOT	1,271.000				
*REV 50200100	STRUCTURE EXCAVATION	CU YD	3,348.000				
50200450	REM/DISP UNS MATL-STR	CU YD	96.000				

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*REV 50300225	CONC STRUCT	CU YD	1,158.700				
*REV 50300285	FORM LINER TEX SURF	SQ FT	9,380.000				
50500505	STUD SHEAR CONNECTORS	EACH	187.000				
50800105	REINFORCEMENT BARS	POUND	4,310.000				
*REV 50800205	REINF BARS, EPOXY CTD	POUND	101,070.000				
*REV 51200956	FUR M S PILE 12X0.179	FOOT	3,332.000				
*REV 51202305	DRIVING PILES	FOOT	3,332.000				
51203200	TEST PILE MET SHELLS	EACH	4.000				
542A0226	P CUL CL A 1 21	FOOT	87.000				
542A0229	P CUL CL A 1 24	FOOT	119.000				
542A0247	P CUL CL A 1 42	FOOT	292.000				
542A1069	P CUL CL A 2 24	FOOT	604.000				
542A1075	P CUL CL A 2 30	FOOT	284.000				
542A1081	P CUL CL A 2 36	FOOT	255.000				
54213657	PRC FLAR END SEC 12	EACH	18.000				

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54213666	PRC FLAR END SEC 21	EACH	2.000				
54213669	PRC FLAR END SEC 24	EACH	6.000				
54213675	PRC FLAR END SEC 30	EACH	2.000				
550A0050	STORM SEW CL A 1 12	FOOT	297.000				
550A0070	STORM SEW CL A 1 15	FOOT	128.000				
550A0120	STORM SEW CL A 1 24	FOOT	201.000				
550A0160	STORM SEW CL A 1 36	FOOT	252.000				
550A0340	STORM SEW CL A 2 12	FOOT	10,594.000				
550A0360	STORM SEW CL A 2 15	FOOT	1,320.000				
550A0380	STORM SEW CL A 2 18	FOOT	1,199.000				
550A0400	STORM SEW CL A 2 21	FOOT	9.000				
550A0410	STORM SEW CL A 2 24	FOOT	3,664.000				
550A0430	STORM SEW CL A 2 30	FOOT	502.000				
550A0450	STORM SEW CL A 2 36	FOOT	580.000				
55100500	STORM SEWER REM 12	FOOT	5,805.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

Project Number
 NHPP-0330/074/

Route
 FAP 330

County Name - COOK - -

Code - 31 - -

District - 1 - -

Section Number - 103R-3

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
55100700	STORM SEWER REM 15	FOOT	6,448.000				
55100900	STORM SEWER REM 18	FOOT	768.000				
55101100	STORM SEWER REM 21	FOOT	1,664.000				
55101200	STORM SEWER REM 24	FOOT	763.000				
55101300	STORM SEWER REM 27	FOOT	372.000				
55101600	STORM SEWER REM 36	FOOT	49.000				
56103000	D I WATER MAIN 6	FOOT	27.000				
56103100	D I WATER MAIN 8	FOOT	20.000				
56103200	D I WATER MAIN 10	FOOT	19.000				
56103300	D I WATER MAIN 12	FOOT	290.000				
56103400	D I WATER MAIN 16	FOOT	2,706.000				
56105750	BUTTERFLY VALVES 12	EACH	1.000				
56109210	WATER VALVES ADJUST	EACH	10.000				
56400400	FIRE HYDNPTS RELOCATED	EACH	1.000				
56400500	FIRE HYDNPTS TO BE REM	EACH	13.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - 103R-3

Project Number
 NHPP-0330/074/

Route
 FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
56400825	FIRE HYD W/A V VB & T	EACH	16.000				
*REV 59100100	GEOCOMPOSITE WALL DR	SQ YD	912.000				
59300100	CONTR LOW-STRENG MATL	CU YD	250.000				
60109510	P UNDR FAB LINE TR 4	FOOT	7,796.000				
60200105	CB TA 4 DIA T1F OL	EACH	1.000				
60200805	CB TA 4 DIA T8G	EACH	2.000				
60201330	CB TA 4 DIA T23F&G	EACH	63.000				
60201340	CB TA 4 DIA T24F&G	EACH	133.000				
60207605	CB TC T8G	EACH	4.000				
60208240	CB TC T24F&G	EACH	12.000				
60218400	MAN TA 4 DIA T1F CL	EACH	85.000				
60221100	MAN TA 5 DIA T1F CL	EACH	21.000				
60223800	MAN TA 6 DIA T1F CL	EACH	1.000				
60237460	INLETS TA T23F&G	EACH	7.000				
60237470	INLETS TA T24F&G	EACH	121.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - 103R-3

Project Number
 NHPP-0330/074/

Route
 FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60240327	INLETS TB T23F&G	EACH	35.000				
60248900	VV TA 5 DIA T1F CL	EACH	1.000				
60250200	CB ADJUST	EACH	54.000				
60250400	CB ADJ NEW T1F OL	EACH	4.000				
60250500	CB ADJ NEW T1F CL	EACH	3.000				
60251730	CB ADJ NEW T23F&G	EACH	14.000				
60252800	CB RECONST	EACH	6.000				
60254330	CB RECON NEW T23F&G	EACH	3.000				
*REV 60255500	MAN ADJUST	EACH	71.000				
*REV 60255800	MAN ADJ NEW T1F CL	EACH	7.000				
60257900	MAN RECONST	EACH	5.000				
*REV 60258200	MAN RECON NEW T1F CL	EACH	2.000				
60260100	INLETS ADJUST	EACH	15.000				
60260300	INLETS ADJ NEW T1F OL	EACH	22.000				
60262700	INLETS RECONST	EACH	3.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60F05

State Job # - C-91-569-08

County Name - COOK - -
 Code - 31 - -
 District - 1 - -
 Section Number - 103R-3

Project Number
 NHPP-0330/074/

Route
 FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60300305	FR & LIDS ADJUST	EACH	1.000				
60403700	LIDS T1 OL	EACH	20.000				
60403800	LIDS T1 CL	EACH	40.000				
60404940	FR & GRATES T23	EACH	62.000				
60406000	FR & LIDS T1 OL	EACH	5.000				
60406100	FR & LIDS T1 CL	EACH	10.000				
60500040	REMOV MANHOLES	EACH	43.000				
60500050	REMOV CATCH BAS	EACH	116.000				
60500060	REMOV INLETS	EACH	52.000				
60500370	FILL VALVE BOXES	EACH	1.000				
60500405	FILL VALVE VLTS	EACH	4.000				
60600095	CLASS SI CONC OUTLET	CU YD	24.000				
60600605	CONC CURB TB	FOOT	5,040.000				
60603800	COMB CC&G TB6.12	FOOT	1,897.000				
60604700	COMB CC&G TB6.18 MOD	FOOT	23,895.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

Project Number
 NHPP-0330/074/

Route
 FAP 330

County Name - COOK - -

Code - 31 - -

District - 1 - -

Section Number - 103R-3

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60605000	COMB CC&G TB6.24	FOOT	34,640.000				
60605900	COMB CC&G TB9.12	FOOT	100.000				
60608600	COMB CC&G TM6.06	FOOT	101.000				
60610400	COMB CC&G TM6.24	FOOT	153.000				
60618210	HMA MEDIAN SURF 4	SQ FT	348.000				
60618300	CONC MEDIAN SURF 4	SQ FT	1,932.000				
60619600	CONC MED TSB6.12	SQ FT	1,936.000				
60619910	CONC MED TSB6.18	SQ FT	14,730.000				
60624620	CORRUGATED MED MOD	SQ FT	57.000				
63000003	SPBGR TY A 9FT POSTS	FOOT	100.000				
63100045	TRAF BAR TERM T2	EACH	1.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	1.000				
63200310	GUARDRAIL REMOV	FOOT	1,776.000				
66900200	NON SPL WASTE DISPOSL	CU YD	8,260.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - 103R-3

Project Number
 NHPP-0330/074/

Route
 FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
66900530	SOIL DISPOSAL ANALY	EACH	12.000				
67000600	ENGR FIELD LAB	CAL MO	30.000				
67100100	MOBILIZATION	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	400.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	60.000				
*REV 70301000	WORK ZONE PAVT MK REM	SQ FT	23,818.000				
*REV 70400100	TEMP CONC BARRIER	FOOT	788.000				
*REV 70600255	IMP ATTN TEMP FRN TL2	EACH	6.000				
72000100	SIGN PANEL T1	SQ FT	1,035.000				
*REV 72000200	SIGN PANEL T2	SQ FT	328.000				
72400100	REMOV SIN PAN ASSY TA	EACH	55.000				
72400200	REMOV SIN PAN ASSY TB	EACH	16.000				
72400310	REMOV SIGN PANEL T1	SQ FT	179.000				
72400320	REMOV SIGN PANEL T2	SQ FT	70.000				
72400500	RELOC SIN PAN ASSY TA	EACH	3.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60F05

State Job # - C-91-569-08

County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - 103R-3

Project Number
 NHPP-0330/074/

Route
 FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
72400600	RELOC SIN PAN ASSY TB	EACH	1.000				
72900100	METAL POST TY A	FOOT	60.000				
72900200	METAL POST TY B	FOOT	1,157.000				
73000100	WOOD SIN SUPPORT	FOOT	78.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	1,081.000				
78000200	THPL PVT MK LINE 4	FOOT	15,853.000				
78000400	THPL PVT MK LINE 6	FOOT	2,005.000				
78000600	THPL PVT MK LINE 12	FOOT	800.000				
78005100	EPOXY PVT MK LTR-SYM	SQ FT	1,092.000				
*REV 78005110	EPOXY PVT MK LINE 4	FOOT	103,415.000				
*REV 78005130	EPOXY PVT MK LINE 6	FOOT	5,323.000				
78005140	EPOXY PVT MK LINE 8	FOOT	251.000				
78005150	EPOXY PVT MK LINE 12	FOOT	2,541.000				
78005180	EPOXY PVT MK LINE 24	FOOT	515.000				
78008200	POLYUREA PM T1 LTR-SY	SQ FT	2,608.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

Project Number
 NHPP-0330/074/

Route
 FAP 330

County Name - COOK- -

Code - 31 - -

District - 1 - -

Section Number - 103R-3

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78008210	POLYUREA PM T1 LN 4	FOOT	17,179.000				
78008230	POLYUREA PM T1 LN 6	FOOT	8,779.000				
78008240	POLYUREA PM T1 LN 8	FOOT	794.000				
78008250	POLYUREA PM T1 LN 12	FOOT	649.000				
78008270	POLYUREA PM T1 LN 24	FOOT	913.000				
78100100	RAISED REFL PAVT MKR	EACH	1,913.000				
78200300	PRISMATIC CURB REFL	EACH	193.000				
*REV 78200530	BAR WALL MKR TYPE C	EACH	40.000				
78300100	PAVT MARKING REMOVAL	SQ FT	19,305.000				
78300200	RAISED REF PVT MK REM	EACH	770.000				
80400100	ELECT SERV INSTALL	EACH	2.000				
80400200	ELECT UTIL SERV CONN	L SUM	1.000		25,000.000		25,000.000
80500010	SERV INSTALL GRND MT	EACH	2.000				
80500020	SERV INSTALL POLE MT	EACH	3.000				
81028200	UNDRGRD C GALVS 2	FOOT	16,855.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

County Name - COOK--
 Code - 31 - -
 District - 1 - -
 Section Number - 103R-3

Project Number
 NHPP-0330/074/

Route
 FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81028210	UNDRGRD C GALVS 2 1/2	FOOT	165.000				
81028220	UNDRGRD C GALVS 3	FOOT	158.000				
81028230	UNDRGRD C GALVS 3 1/2	FOOT	165.000				
81028240	UNDRGRD C GALVS 4	FOOT	5,065.000				
81028390	UNDRGRD C PVC 4	FOOT	15,335.000				
81400100	HANDHOLE	EACH	83.000				
81400200	HD HANDHOLE	EACH	21.000				
81400300	DBL HANDHOLE	EACH	10.000				
81603050	UD 3#6 #8G XLPUSE 1	FOOT	9,652.000				
*ADD 81603060	UD 3#8 #10G XLPUSE 1	FOOT	100.000				
81603063	UD 4#10 #10GXLP 1P	FOOT	622.000				
81603081	UD 3#2#4GXLPUSE 1.5 P	FOOT	9,652.000				
81800300	A CBL 3-1C2 MESS WIRE	FOOT	4,050.000				
82102250	LUM SV HOR MT 250W	EACH	2.000				
82102400	LUM SV HOR MT 400W	EACH	39.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60F05

State Job # - C-91-569-08

County Name - COOK - -
 Code - 31 - -
 District - 1 - -
 Section Number - 103R-3

Project Number
 NHPP-0330/074/

Route
 FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
83600200	LIGHT POLE FDN 24D	FOOT	380.000				
83800205	BKWY DEV TR B 15BC	EACH	3.000				
84100110	REM TEMP LIGHT UNIT	EACH	32.000				
84200500	REM LT UNIT SALV	EACH	39.000				
84200804	REM POLE FDN	EACH	42.000				
84500130	REMOV LTG CONTR FDN	EACH	2.000				
85000200	MAIN EX TR SIG INSTAL	EACH	2.000				
86400100	TRANSCEIVER - FIB OPT	EACH	4.000				
87300925	ELCBL C TRACER 14 1C	FOOT	15,639.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	4,318.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	8,442.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	13,640.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	6,888.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	11,423.000				
87301800	ELCBL C SERV 4 2C	FOOT	430.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60F05

State Job # - C-91-569-08

County Name - COOK- -

Code - 31 - -

District - 1 - -

Section Number - 103R-3

Project Number

NHPP-0330/074/

Route

FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87301805	ELCBL C SERV 6 2C	FOOT	47.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	3,342.000				
87502480	TS POST GALVS 14	EACH	2.000				
87502490	TS POST GALVS 15	EACH	1.000				
87502500	TS POST GALVS 16	EACH	6.000				
87700200	S MAA & P 32	EACH	1.000				
87700280	S MAA & P 48	EACH	1.000				
87700290	S MAA & P 50	EACH	1.000				
87700300	S MAA & P 52	EACH	2.000				
87700310	S MAA & P 54	EACH	1.000				
87700320	S MAA & P 55	EACH	1.000				
87700330	S MAA & P 56	EACH	2.000				
87700400	S MAA & P 60	EACH	1.000				
87700404	S MAA & P 62	EACH	1.000				
87700408	S MAA & P 64	EACH	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60F05

State Job # - C-91-569-08

County Name - COOK - -

Code - 31 - -

District - 1 - -

Section Number - 103R-3

Project Number

NHPP-0330/074/

Route

FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87702980	STL COMB MAA&P 50	EACH	1.000				
87702990	STL COMB MAA&P 54	EACH	1.000				
87703030	STL COMB MAA&P 60	EACH	2.000				
87800100	CONC FDN TY A	FOOT	36.000				
87800150	CONC FDN TY C	FOOT	16.000				
87800415	CONC FDN TY E 36D	FOOT	129.000				
87800420	CONC FDN TY E 42D	FOOT	147.000				
87900200	DRILL EX HANDHOLE	EACH	2.000				
88030012	SH LED 1F 1S BM	EACH	1.000				
88030020	SH LED 1F 3S MAM	EACH	42.000				
88030050	SH LED 1F 3S BM	EACH	1.000				
88030070	SH LED 1F 4S BM	EACH	1.000				
88030100	SH LED 1F 5S BM	EACH	2.000				
88030110	SH LED 1F 5S MAM	EACH	11.000				
88030210	SH LED 2F 3S BM	EACH	5.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER -

60F05

State Job # - C-91-569-08

Project Number
 NHPP-0330/074/

Route
 FAP 330

County Name - COOK - -

Code - 31 - -

District - 1 - -

Section Number - 103R-3

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88030240	SH LED 2F 1-3 1-5 BM	EACH	7.000				
88102717	PED SH LED 1F BM CDT	EACH	4.000				
88102747	PED SH LED 2F BM CDT	EACH	9.000				
88200210	TS BACKPLATE LOU ALUM	EACH	53.000				
88500100	INDUCTIVE LOOP DETECT	EACH	44.000				
88600100	DET LOOP T1	FOOT	260.000				
88600700	PREFORM DETECT LOOP	FOOT	3,695.000				
88700200	LIGHT DETECTOR	EACH	13.000				
88700300	LIGHT DETECTOR AMP	EACH	4.000				
88800100	PED PUSH-BUTTON	EACH	22.000				
89000100	TEMP TR SIG INSTALL	EACH	4.000				
89502300	REM ELCBL FR CON	FOOT	2,102.000				
89502350	REM & RE ELCBL FR CON	FOOT	388.000				
89502375	REMOV EX TS EQUIP	EACH	4.000				
89502380	REMOV EX HANDHOLE	EACH	49.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60F05

State Job # - C-91-569-08

County Name - COOK - -

Code - 31 - -

District - 1 - -

Section Number - 103R-3

Project Number
 NHPP-0330/074/

Route
 FAP 330

*REVISED: APRIL 16, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
89502385	REMOV EX CONC FDN	EACH	36.000				

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE)	345
TEMPORARY EROSION AND SEDIMENT CONTROL (BDE)	345
TRACKING THE USE OF PESTICIDES (BDE)	346
TRAFFIC CONTROL DEFICIENCY DEDUCTION (BDE)	346
TRAINING SPECIAL PROVISIONS (BDE)	346
IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING SPECIAL PROVISION (TPG)	349
UTILITY COORDINATION AND CONFLICTS (BDE)	351
WARM MIX ASPHALT (BDE)	357
WEEKLY DBE TRUCKING REPORTS (BDE)	364
BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID).....	364
FUEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)	367
STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)	371
PROJECT LABOR AGREEMENT - QUARTERLY EMPLOYMENT REPORT	375
PROJECT LABOR AGREEMENT.....	376
EXISTING PAVEMENT THICKNESS	392
WORK RESTRICTION ON PARCEL 0H40013.....	392

Revised 4-19-2013

COMPLETION DATE PLUS GUARANTEED WORKING DAYS

Effective: September 30, 1985

Revised: January 1, 2007

Revise Article 108.05 (c) of the Standard Specifications as follows:

“When a completion date plus guaranteed working days is specified, the Contractor shall complete all contract items by 11:59 PM, July 31, 2015 except as specified herein.”

The Contractor will be allowed to complete remaining landscaping, remaining traffic signals, clean up, and punch list items within 10 guaranteed working days after the completion date. Under extenuating circumstances, the Engineer may direct that certain items of work may be completed within the guaranteed working days allowed for clean-up work and punch list items. Temporary lane closures for this work may be allowed at the discretion of the Engineer.

Article 108.09 of the Standard Specifications or the Special Provision for Failure to Complete the Work on Time, if included in this contract, shall apply to both the completion date and the number of working days.

FAILURE TO COMPLETE THE WORK ON TIME

Effective: September 30, 1985

Revised: January 1, 2007

Should the Contractor fail to complete the work on or before the completion date as specified in the Special Provision for “Completion Date Plus Working Days”, or within such extended time as may have been allowed by the Department, the Contractor shall be liable to the Department in the amount of \$ 6,000, not as a penalty but as liquidated damages, for each calendar day or a portion thereof of overrun in the contract time or such extended time as may have been allowed.

In fixing the damages as set out herein, the desire is to establish a certain mode of calculation for the work since the Department’s actual loss, in the event of delay, cannot be predetermined, would be difficult of ascertainment, and a matter of argument and unprofitable litigation. This said mode is an equitable rule for measurement of the Department’s actual loss and fairly takes into account the loss of use of the roadway if the project is delayed in completion. The Department shall not be required to provide any actual loss in order to recover these liquidated damages provided herein, as said damages are very difficult to ascertain. Furthermore, no provision of this clause shall be construed as a penalty, as such is not the intention of the parties.

A calendar day is every day shown on the calendar and starts at 12:00 midnight and ends at the following 12:00 midnight, twenty-four hours later.

Revised 4-19-2013

RESTRICTION ON CROSS STREET CONSTRUCTION

Cross streets shall remain open to traffic at all times during construction except as follows. The contractor will be allowed to close the following Cross streets;

175st Street
171st Street
165th Street
163rd Street

Add the following paragraph to the beginning of Article 105.08; "The Contractor shall identify the approximate closure date the beginning of the contract and coordinate the sequence and timing of their execution and completion with the Engineer. All of these work items shall be identified as separate line items in the Contractor's proposed Construction Progress Schedule. The contractor shall advise the Resident Engineer 3 weeks prior to the exact closure date. The contractor shall complete all work items on the cross street, except landscaping, and reopen the cross street to traffic within 21 consecutive days of the closure date.

At 4 legged intersections, the contractor will be allowed separate 21 day closures for the east leg of the cross street and west leg of the cross street.

Closure of alternate Cross streets will be permitted. The contractor will not be allowed to close to two adjacent cross streets at the same time. During closure of the side street, the contractor shall stage their operations such that driveway access shall remain open at all times. The Contractor shall furnish, erect, maintain and remove all applicable traffic control devices along the detour route according to the details shown in the plans for the duration of the detour.

Method of Measurement and Basis of Payment: All traffic control for cross street construction (including those closed to traffic and detoured) shall not be paid for separately but included in the lump sum price for TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

Failure to Open Cross Streets to Traffic: Should the Contractor fail to completely open and keep open all the traffic lanes to traffic on the cross streets within 21 consecutive days in accordance with the limitations specified above, the Contractor shall be liable and shall pay to the Department the amount of **\$3,000** per day, not as a penalty but as liquidated and ascertained damages, for each day or a portion thereof that the cross street is closed outside the allowable time limitations. The Department may deduct such damages from any monies due the Contractor.

Revised 4-19-2013

ORNAMENTAL RAILING

Description. This work shall consist of designing, furnishing and installing new aluminum pedestrian railings as shown on the Plans. The work shall conform to the applicable portions of Section 509 of the IDOT Standard Specifications, except as specified herein.

General. The Contractor shall submit complete design calculations and shop drawings to the Engineer for review and approval prior to ordering of materials. The railing design shall be in accordance with the AASTHO LRFD Bridge Design Specifications, 2012. All submittals shall be sealed by an Illinois Licensed Structural Engineer.

Materials. Brackets, Flanges, and Anchors shall be of the same metal and finish as supported rails unless otherwise indicated.

Aluminum alloy and temper provided shall be recommended by aluminum producer and finisher for type of use and finish indicated, and with strength and durability properties for each aluminum form required not less than that of alloy and temper designated below:

- A. Extruded Bars and Shapes, Including Extruded Tubing: ASTM B 221, Alloy 6063-T5/T52.
- B. Extruded Structural Pipe and Round Tubing: ASTM B 429/B 429M, Alloy 6063-T6.
- C. Plate and Sheet: ASTM B 209, Alloy 6061-T6.
- D. Die and Hand Forgings: ASTM B 247, Alloy 6061-T6.
- E. Castings: ASTM B 26/B 26M, Alloy A356-T6.

Fasteners. Unless otherwise indicated, the following shall be provided:

- 1. Aluminum Components: Type 304 stainless-steel fasteners.
- 2. Stainless-Steel Components: Type 304 stainless-steel fasteners.
- 3. Dissimilar Metals: Type 304 stainless-steel fasteners.

Anchors shall be capable of sustaining, without failure, a load equal to six times the load imposed when installed in unit masonry and four times the load imposed when installed in concrete, as determined by testing according to ASTM E 488, conducted by a qualified independent testing agency.

Post-Installed Anchors shall be torque-controlled expansion anchors.

Fabrication

General: Railings shall be fabricated to comply with requirements indicated for design, dimensions, member sizes and spacing, details, finish, and anchorage, but not less than that required to support structural loads.

Connections: Railings shall be fabricated with welded or non-welded connections unless otherwise indicated.

Revised 4-19-2013

Welded Connections: Components shall be coped at connections to provide close fit, or fittings designed for this purpose shall be used. Connections shall be welded all around, including at fittings. At exposed connections, welds shall be finished to comply with National Ornamental and Miscellaneous Metals Association (NOMMA) "Voluntary Joint Finish Standards" for Type 1 welds: no evidence of a welded joint.

Brazed Connections: Copper-alloy railings shall be connected by brazing. Components shall be coped at connections to provide close fit, or fittings designed for this purpose shall be used. Corners and seams shall be continuously brazed.

At exposed connections, exposed surfaces shall be finished smooth and blended so no roughness shows after finishing and brazed surface matches contours of adjoining surfaces.

Mechanical Connections: Members shall be connected with concealed mechanical fasteners and fittings.

Changes in direction shall be formed by bending or by inserting prefabricated elbow fittings.

Members shall be bent in jigs to produce uniform curvature for each configuration required; cross section of member shall be maintained throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surfaces of components.

Exposed ends of hollow railing members shall be closed with prefabricated end fittings.

Brackets, Flanges, Fittings, and Anchors: Wall brackets, flanges, miscellaneous fittings, and anchors shall be provided to interconnect railing members to other work unless otherwise indicated.

Finish. The factory applied finish shall be a Black Powder Coat finish to match the existing railing installed elsewhere along the corridor at the intersection of US 45 at 143rd Street.

Installation. Cutting, drilling, and fitting shall be performed as required for installing railings. Railings shall be set accurately in location, alignment, and elevation; measured from established lines and levels and free of rack. Posts shall be set plumb within a tolerance of 1/16 inch in 3 feet. Rails shall be aligned so variations from level for horizontal members and variations from parallel with rake of steps and ramps for sloping members do not exceed 1/4 inch in 12 feet).

Corrosion Protection: Concealed surfaces of aluminum that will be in contact with grout, concrete, masonry, wood, or dissimilar metals, shall be coated with a heavy coat of bituminous paint.

Posts shall be anchored to concrete and metal surfaces as indicated using fittings designed and engineered for this purpose.

Railing posts not mounted on top of concrete walls or walks shall be set in concrete footers having a minimum depth of 36 inches.

Basis of Payment:

This work will be measured and paid for at the contract unit price per foot for ORNAMENTAL RAILING which price shall include all labor, materials, equipment, tools and incidentals necessary to complete this item as specified.

GENERAL REQUIREMENTS FOR WEED CONTROL SPRAYING

Effective: February 7, 2007

Experience.

The Contractor shall have previous experience with the use of weed control chemicals. He/she shall have had at least one (1) season's experience in the use of their chemicals in spraying highway right-of-way or at least three (3) season's experience in their use in farm or custom spraying. The Contractor shall observe and comply with all sections of the Illinois Custom Spray Law, including licensing.

Equipment.

Revised 4-19-2013

The Village of Orland Park has approved the following manufacturers for piping materials:

- A. U.S. Pipe & Foundry – Ductile Iron Pipe and Fittings
- B. American Ductile Iron Pipe Co. – Ductile Iron Pipe and Fittings
- C. Griffin – Ductile Iron Pipe and Fittings
- D. Clow Co. – **Ductile Iron Pipe Fittings, and** Gate Valves
- E. Tapping Sleeves and Valves – American Flow Control
- F. Mueller Co. – Corporation Connection Materials and Valves
- G. East Jordan Iron Works – Hydrants, castings
- H. Tyler Union – Valve Boxes
- I. Substitutions – Subject to approval by the Engineer

Materials:

- 1. Water Main Pipe - Ductile Iron
 - a. Pipe thickness shall be ANSI A21.50 (AWWA C150) minimum thickness Class 52.
 - b. Pipe – ANSI 21.51 (AWWA C151). Ductile iron pipe shall be push-on type.
 - c. Pipe lining - ANSI A21.4 (AWWA C104).
 - d. Joints - Push-On or Mechanical Joint - ANSI A21.11 (AWWA C111).
 - e. Fittings – ANSI 21.10 (AWWA C110) for standard body, or ANSI A21.53 (AWWA C153) for compact body. All bends, tees, and fittings must be restrained, mechanical joint type.
 - f. Bolts, nuts, and threaded rods shall be ASTM A307, Grade B.
 - g. Coatings - Asphaltic coated in accordance with ANSI A21.51 (AWWA C151) for pipe, ANSI A21.53 (AWWA C153) for compact fittings, and ANSI A21.10 (AWWA C110) for standard fittings.
 - h. Encasement – All buried ductile iron pipe and fittings shall be encased in polyethylene conforming to the requirements of ANSI A21.5 (AWWA C105). The polyethylene encasement shall be provided by the ductile iron pipe manufacturer and installed per the manufacturer's recommendation.
- 2. Water Main ValvesAll 12 inches and smaller valves shall be East Jordan, Mueller, or approved equal resilient wedge type abiding to AWWA C509 and AWWA C550. All proposed valves larger than 12 inches shall be Pratt butterfly type with extension stem and ground level position indicator, or approved equal iron body, rubber seat butterfly valve, Class 150B, counter clockwise to open, conforming to AWWA C504 and approved by the Village.
 - b. (12) inch and smaller - iron body, bronze mounted, double disc, parallel seat, non-rising stem gate valves, counter clockwise to open, AWWA C500.
 - c. End connections shall be restrained mechanical joint type meeting the requirements of AWWA C111.
 - d. The body and bonnet shall be coated with fusion bonded epoxy both interior and exterior, complying with AWWA C550 and be NSF 61 approved.

Revised 4-19-2013

EXISTING PAVEMENT THICKNESS

Wherever on the Existing Typical Section the existing concrete pavement is shown as 8" and varies the thickness shall be interpreted to be 10" of Concrete Pavement. The 10" concrete pavement shall be removed and paid for in accordance with Section 440 of the Standard Specifications.

WORK RESTRICTION ON PARCEL 0H40013

The contract includes items to remove, re-grade, and replace the bituminous surface at a gas station due to a change in elevations. Upon commencement of removal of the bituminous surface, the contractor should schedule their operations to complete all bituminous restoration work inside the proposed right of way and the pumps islands within 3 weeks. This restriction shall not apply to restoration of the driveway.

Added 4-19-2013