



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 3, 2009

SUBJECT: FAP Route 866  
Project ESP-0866 (007)  
Section (L-2[W,R]; 6, 6A & 6EXT) WRS-1  
Lake County  
Contract No. 62700  
Item No. 235, June 12, 2009 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 the Table of Contents to the Special Provisions.
3. Revised pages 151 - 153 & 197 - 212 of the Special Provisions.
4. Added pages 213 - 215 to the Special Provisions.
5. Revised sheets 4, 9, 11, 13, 101 - 107, 110 & 111 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,

Charles Ingersoll, Chief  
Bureau of Design and Environment

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

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

cc: Diane O'Keefe, Region 1, District 1, Bill Frey, Estimates

TBW:MS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 62700

State Job # - C-91-081-04  
 PPS NBR - 1-72788-0100  
 County Name - LAKE - -  
 Code - 97 - -  
 District - 1 - -  
 Section Number - (L-2(W,R);6,6A&6EXT)WRS-1

Project Number  
 ESP-0866/007/

Route  
 FAP 866

\* REVISED : MAY 29, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2000320	T-ACER MIY MOR 2-1/2	EACH	10.000				
A2002009	T-AESCUL FLVYSB 2-1/2	EACH	5.000				
A2002370	T-BETULA NIGRA CL 8'	EACH	10.000				
A2002916	T-CELTIS OCCID 2	EACH	11.000				
A2004614	T-GLEDIT TRI IN P 2.5	EACH	5.000				
A2004716	T-GLED TRI-I SM 2	EACH	11.000				
A2005016	T-GYMNOCCLA DIO 2	EACH	11.000				
A2005120	T-JUGLANS NIGRA 2-1/2	EACH	6.000				
A2005620	T-OSTRYA VIRG 2-1/2	EACH	6.000				
A2006516	T-QUERCUS BICOL 2	EACH	3.000				
A2006716	T-QUERCUS MACR 2	EACH	10.000				
A2007916	T-TILIA AMER RD 2	EACH	10.000				
A2008518	T-ULMUS MRTN G TRELM2	EACH	9.000				
A2016616	T-QUERCUS ELLIP 2	EACH	6.000				
B2005416	T-PRUN VR SH TF 2	EACH	7.000				

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B2005808	T-PYRUS C NB CP 2-1/2	EACH	6.000				
B2006116	T-SYRG PEK M TF 2	EACH	4.000				
B2006316	T-SYRG RT IS TF 2	EACH	9.000				
C2C06218	S-RIBES AMER WBC 18"C	EACH	50.000				
C2001124	S-CEPHALAN OCCID 2'	EACH	60.000				
C2001420	S-CORNUS AMOMUM I 30"	EACH	60.000				
C2001424	S-CORNUS AMOMUM 2'	EACH	24.000				
C2001524	S-CORNUS RACEMOSA 2'	EACH	130.000				
C2005824	S-RHUS AROMA GRO 2'	EACH	120.000				
C2011824	S-VIBURN DEN MOR 2'	EACH	90.000				
C2012424	S-VIBURN LENT 2'	EACH	60.000				
D2002172	E-PICEA PUNGENS 6'	EACH	9.000				
K0029622	BROADLF WEED CON TURF	GALLON	8.000				
K0030460	PER PLT WET GR/SEDGE	UNIT	11.520				
K1004595	PRUN SAFETY/EQUIP CLR	L SUM	1.000				

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XX002264	ELCBL C RAILRD 14 3C	FOOT	353.000				
XX003313	REM & REIN BRIC PAVER	SQ FT	307.000				
XX004853	TEMP ACCESS- ALLEY	EACH	1.000				
X0300057	MAN TA 6D T1FCL R-PLT	EACH	8.000				
X0322033	STORM SEW WM REQ 12	FOOT	1,046.000				
X0322034	STORM SEW WM REQ 15	FOOT	102.000				
X0322035	STORM SEW WM REQ 18	FOOT	82.000				
X0322090	STORM SEW WM REQ 42	FOOT	73.000				
X0322125	STORM SEW WM REQ 24	FOOT	130.000				
X0322127	STORM SEW WM REQ 30	FOOT	23.000				
X0322859	WEED CONTR PRE-EM GRN	POUND	136.000				
X0322923	SEGMENT CONC BLK WALL	SQ FT	3,967.000				
X0322925	ELCBL C TRACER 14 1C	FOOT	6,981.000				
X0323319	P MT FL BEAC INS SPL	EACH	4.000				
X0324007	OPTIM TRAF SIGNAL SYS	EACH	1.000				

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X0325737	TEMP TR SIGNAL TIMING	EACH	4.000				
X0326488	STORMWATER TRT U VS50	EACH	2.000				
X0326489	STORMWTR TRT U VSHS84	EACH	1.000				
X0545000	BOX CULVERT REMOV	FOOT	103.000				
X0712400	TEMP PAVEMENT	SQ YD	905.000				
X4021000	TEMP ACCESS- PRIV ENT	EACH	108.000				
X4022000	TEMP ACCESS- COM ENT	EACH	130.000				
X4421000	PARTIAL DEPTH PATCH	TON	56.000				
X4422025	PARTIAL DEPTH REM 2	SQ YD	498.000				
X5121800	PERM STEEL SHT PILING	SQ FT	4,868.000				
X6062100	STAB MED SURF 12	SQ YD	314.000				
X6700410	ENGR FLD OFF A SPL	CAL MO	18.000				
X8050015	SERV INSTALL POLE MT	EACH	4.000				
X8140074	GROUND HH FR & COVER	EACH	5.000				
X8620020	UNINTER POWER SUPPLY	EACH	5.000				

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X8710020	FOCC62.5/125 MM12SM12	FOOT	7,049.000				
X8730027	ELCBL C GROUND 6 1C	FOOT	3,071.500				
X8730250	ELCBL C 20 3C TW SH	FOOT	1,434.000				
Z0001050	AGG SUBGRADE 12	SQ YD	35,280.000				
Z0012450	CONCRETE STEPS	CU YD	8.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0022800	FENCE REMOVAL	FOOT	13.000				
Z0048665	RR PROT LIABILITY INS	L SUM	1.000				
Z0076600	TRAINEES	HOUR	2,500.000		0.800		2,000.000
20100110	TREE REMOV 6-15	UNIT	2,244.000				
20100210	TREE REMOV OVER 15	UNIT	5,914.000				
20101000	TEMPORARY FENCE	FOOT	2,433.000				
20101100	TREE TRUNK PROTECTION	EACH	196.000				
20101200	TREE ROOT PRUNING	EACH	79.000				
20101300	TREE PRUN 1-10	EACH	56.000				

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20101350	TREE PRUN OVER 10	EACH	140.000				
20200100	EARTH EXCAVATION	CU YD	34,039.000				
20201200	REM & DISP UNS MATL	CU YD	31,512.000				
20700400	POROUS GRAN EMB SPEC	CU YD	16.000				
20700420	POROUS GRAN EMB SUBGR	CU YD	3,968.000				
20800150	TRENCH BACKFILL	CU YD	4,574.000				
21101615	TOPSOIL F & P 4	SQ YD	68,594.000				
21101805	COMPOST F & P 2	SQ YD	30,139.000				
25000210	SEEDING CL 2A	ACRE	9.000				
25000312	SEEDING CL 4A	ACRE	6.300				
25000400	NITROGEN FERT NUTR	POUND	1,697.000				
25000600	POTASSIUM FERT NUTR	POUND	1,697.000				
25100630	EROSION CONTR BLANKET	SQ YD	42,759.000				
25200110	SODDING SALT TOLERANT	SQ YD	25,835.000				
28000250	TEMP EROS CONTR SEED	POUND	8,160.000				

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28000300	TEMP DITCH CHECKS	EACH	89.000				
28000400	PERIMETER EROS BAR	FOOT	47,650.000				
28000510	INLET FILTERS	EACH	280.000				
28001000	AGGREGATE - EROS CONT	TON	687.000				
28100105	STONE RIPRAP CL A3	SQ YD	144.000				
28100109	STONE RIPRAP CL A5	SQ YD	27.000				
28100111	STONE RIPRAP CL A6	SQ YD	15.000				
28200200	FILTER FABRIC	SQ YD	1,875.000				
35501308	HMA BASE CSE 6	SQ YD	4,972.000				
35501316	HMA BASE CSE 8	SQ YD	8,090.000				
40201000	AGGREGATE-TEMP ACCESS	TON	200.000				
40600200	BIT MATLS PR CT	TON	60.000				
40600300	AGG PR CT	TON	289.000				
40600400	MIX CR JTS FLANGEWYS	TON	87.000				
40600635	LEV BIND MM N70	TON	6,854.000				



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40600895	CONSTRUC TEST STRIP	EACH	2.000				
40600982	HMA SURF REM BUTT JT	SQ YD	2,409.000				
40601005	HMA REPL OVER PATCH	TON	1,200.000				
40603085	HMA BC IL-19.0 N70	TON	14,024.000				
40603310	HMA SC "C" N50	TON	1,511.000				
40603340	HMA SC "D" N70	TON	10,407.000				
40701941	HMA PAVT FD 13	SQ YD	25,914.000				
40800050	INCIDENTAL HMA SURF	TON	194.000				
42001300	PROTECTIVE COAT	SQ YD	18,422.000				
42300500	PCC DRIVEWAY PAVT 9	SQ YD	49.000				
42400200	PC CONC SIDEWALK 5	SQ FT	58,980.000				
42400800	DETECTABLE WARNINGS	SQ FT	288.000				
44000100	PAVEMENT REM	SQ YD	5,556.000				
44000157	HMA SURF REM 2	SQ YD	87,008.000				
44000200	DRIVE PAVEMENT REM	SQ YD	15,575.000				

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44000300	CURB REM	FOOT	7,554.000				
44000500	COMB CURB GUTTER REM	FOOT	10,671.000				
44000600	SIDEWALK REM	SQ FT	53,726.000				
44002216	HMA RM OV PATCH 4	SQ YD	5,300.000				
44004250	PAVED SHLD REMOVAL	SQ YD	2,364.000				
44201749	CL D PATCH T1 9	SQ YD	150.000				
44201753	CL D PATCH T2 9	SQ YD	900.000				
44201757	CL D PATCH T3 9	SQ YD	850.000				
44201759	CL D PATCH T4 9	SQ YD	2,750.000				
44300200	STRIP REF CR CON TR	FOOT	93,856.000				
48101500	AGGREGATE SHLDS B 6	SQ YD	11,220.000				
48203021	HMA SHOULDERS 6	SQ YD	89.000				
48203049	HMA SHOULDERS 13	SQ YD	7,532.000				
50104400	CONC HDWL REM	EACH	9.000				
50104600	CONC RETAIN WALL REM	FOOT	349.000				

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50105220	PIPE CULVERT REMOV	FOOT	1,844.000				
50200100	STRUCTURE EXCAVATION	CU YD	85.000				
50300225	CONC STRUCT	CU YD	100.000				
50500505	STUD SHEAR CONNECTORS	EACH	393.000				
50800205	REINF BARS, EPOXY CTD	POUND	9,560.000				
50901750	PARAPET RAILING	FOOT	277.000				
542A5479	P CUL CL A 1 EQRS 24	FOOT	259.000				
542A5485	P CUL CL A 1 EQRS 30	FOOT	591.000				
542A5491	P CUL CL A 1 EQRS 36	FOOT	463.000				
542A5497	P CUL CL A 1 EQRS 42	FOOT	31.000				
542A5503	P CUL CL A 1 EQRS 48	FOOT	90.000				
542A8245	P CUL CL A 2 EQRS 60	FOOT	77.000				
542D0220	P CUL CL D 1 15	FOOT	788.000				
54213657	PRC FLAR END SEC 12	EACH	12.000				
54213663	PRC FLAR END SEC 18	EACH	2.000				

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54213669	PRC FLAR END SEC 24	EACH	8.000				
54213675	PRC FLAR END SEC 30	EACH	2.000				
54213681	PRC FLAR END SEC 36	EACH	1.000				
54213693	PRC FLAR END SEC 48	EACH	2.000				
54214509	PRC FL END S EQ RS 24	EACH	1.000				
54214515	PRC FL END S EQ RS 30	EACH	7.000				
54214527	PRC FL END S EQ RS 42	EACH	2.000				
54214533	PRC FL END S EQ RS 48	EACH	6.000				
54214545	PRC FL END S EQ RS 60	EACH	2.000				
54215550	MET END SEC 15	EACH	44.000				
54215793	MET END SEC EQV RS 48	EACH	1.000				
54244405	FL INLT BX MED 542546	EACH	13.000				
54247130	GRATING-C FL END S 24	EACH	8.000				
54247150	GRATING-C FL END S 30	EACH	2.000				
54247170	GRATING-C FL END S 36	EACH	1.000				

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54247190	GRATING-C FL END S 48	EACH	2.000				
54248130	GRT-C FL END S EQV 24	EACH	1.000				
54248150	GRT-C FL END S EQV 30	EACH	7.000				
54248170	GRT-C FL END S EQV 42	EACH	2.000				
54248180	GRT-C FL END S EQV 48	EACH	6.000				
54248200	GRT-C FL END S EQV 60	EACH	2.000				
54248510	CONCRETE COLLAR	CU YD	14.000				
550A0050	STORM SEW CL A 1 12	FOOT	5,242.000				
550A0070	STORM SEW CL A 1 15	FOOT	1,609.000				
550A0090	STORM SEW CL A 1 18	FOOT	768.000				
550A0120	STORM SEW CL A 1 24	FOOT	697.000				
550A0140	STORM SEW CL A 1 30	FOOT	816.000				
550A0160	STORM SEW CL A 1 36	FOOT	639.000				
550A0180	STORM SEW CL A 1 42	FOOT	608.000				
550A0190	STORM SEW CL A 1 48	FOOT	8.000				

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550A0340	STORM SEW CL A 2 12	FOOT	2,046.000				
550A0360	STORM SEW CL A 2 15	FOOT	870.000				
550A0380	STORM SEW CL A 2 18	FOOT	1,205.000				
550A0400	STORM SEW CL A 2 21	FOOT	177.000				
550A0410	STORM SEW CL A 2 24	FOOT	1,390.000				
550A0430	STORM SEW CL A 2 30	FOOT	214.000				
550A0450	STORM SEW CL A 2 36	FOOT	371.000				
550A0470	STORM SEW CL A 2 42	FOOT	539.000				
55100200	STORM SEWER REM 6	FOOT	116.000				
55100300	STORM SEWER REM 8	FOOT	368.000				
55100400	STORM SEWER REM 10	FOOT	408.000				
55100500	STORM SEWER REM 12	FOOT	1,672.000				
55100700	STORM SEWER REM 15	FOOT	770.000				
55100900	STORM SEWER REM 18	FOOT	443.000				
55101200	STORM SEWER REM 24	FOOT	164.000				

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56106300	ADJ WATER MAIN 6	FOOT	207.000				
56106400	ADJ WATER MAIN 8	FOOT	28.000				
56106600	ADJ WATER MAIN 12	FOOT	112.000				
56109300	WATER VALVE MOVED	EACH	5.000				
56400100	FIRE HYDNPTS TO BE MVD	EACH	35.000				
56500600	DOM WAT SER BOX ADJ	EACH	47.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	63.000				
60107600	PIPE UNDERDRAINS 4	FOOT	2,402.000				
60109580	P UNDR FOR STRUCT 4	FOOT	274.000				
60200205	CB TA 4 DIA T1F CL	EACH	5.000				
60200805	CB TA 4 DIA T8G	EACH	11.000				
60201110	CB TA 4 DIA T11V F&G	EACH	1.000				
60201340	CB TA 4 DIA T24F&G	EACH	156.000				
60203905	CB TA 5 DIA T1F CL	EACH	1.000				
60204505	CB TA 5 DIA T8G	EACH	3.000				

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60204705	CB TA 5 DIA T10F&G	EACH	1.000				
60205040	CB TA 5 DIA T24F&G	EACH	1.000				
60207605	CB TC T8G	EACH	12.000				
60208240	CB TC T24F&G	EACH	23.000				
60218400	MAN TA 4 DIA T1F CL	EACH	56.000				
60221000	MAN TA 5 DIA T1F OL	EACH	1.000				
60221100	MAN TA 5 DIA T1F CL	EACH	34.000				
60223700	MAN TA 6 DIA T1F OL	EACH	1.000				
60223800	MAN TA 6 DIA T1F CL	EACH	27.000				
60224005	MAN TA 6 DIA T8G	EACH	2.000				
60224039	MAN TA 6 DIA T24F&G	EACH	1.000				
60224446	MAN TA 7 DIA T1F CL	EACH	3.000				
60237470	INLETS TA T24F&G	EACH	40.000				
60250200	CB ADJUST	EACH	5.000				
60255500	MAN ADJUST	EACH	32.000				



ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 62700

State Job # - C-91-081-04  
 PPS NBR - 1-72788-0100  
 County Name - LAKE - -  
 Code - 97 - -  
 District - 1 - -  
 Section Number - (L-2(W,R);6,6A&6EXT)WRS-1

Project Number  
 ESP-0866/007/

Route  
 FAP 866

\* REVISED : MAY 29, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60260100	INLETS ADJUST	EACH	23.000				
60265700	VV ADJUST	EACH	47.000				
60300205	FR & GRATES ADJUST SP	EACH	53.000				
60400105	FRAMES T1	EACH	8.000				
60403800	LIDS T1 CL	EACH	8.000				
60404950	FR & GRATES T24	EACH	1.000				
60500040	REMOV MANHOLES	EACH	11.000				
60500050	REMOV CATCH BAS	EACH	15.000				
60500060	REMOV INLETS	EACH	50.000				
60500105	FILL MANHOLES	EACH	2.000				
60600095	CLASS SI CONC OUTLET	CU YD	20.000				
60600605	CONC CURB TB	FOOT	5,199.000				
60602800	CONC GUTTER TB	FOOT	280.000				
60603800	COMB CC&G TB6.12	FOOT	2,169.000				
60605000	COMB CC&G TB6.24	FOOT	30,897.000				

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Project Number  
 ESP-0866/007/

Route  
 FAP 866

\* REVISED : MAY 29, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
60622000	CONC MED TSM2.12	SQ FT	232.000				
60624600	CORRUGATED MED	SQ FT	125.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	1,013.000				
63100085	TRAF BAR TERM T6	EACH	1.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	17.000				
63200310	GUARDRAIL REMOV	FOOT	202.000				
66400105	CH LK FENCE 4	FOOT	134.000				
66900200	NON SPL WASTE DISPOSL	CU YD	1,200.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	7.000				
66901000	BACKFILL PLUGS	CU YD	15.000				
67100100	MOBILIZATION	L SUM	1.000				
70101800	TRAF CONT & PROT SPL	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	273.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	323.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
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Project Number  
 ESP-0866/007/

Route  
 FAP 866

\* REVISED : MAY 29, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70300220	TEMP PVT MK LINE 4	FOOT	8,291.000				
70300280	TEMP PVT MK LINE 24	FOOT	104.000				
70300510	PAVT MARK TAPE T3 L&S	SQ FT	251.000				
70300520	PAVT MARK TAPE T3 4	FOOT	10,824.000				
70300570	PAVT MARK TAPE T3 24	FOOT	58.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	3,954.000				
72000100	SIGN PANEL T1	SQ FT	82.500				
72000200	SIGN PANEL T2	SQ FT	87.500				
78000100	THPL PVT MK LTR & SYM	SQ FT	3,209.000				
78000200	THPL PVT MK LINE 4	FOOT	84,067.000				
78000300	THPL PVT MK LINE 5	FOOT	2,216.000				
78000400	THPL PVT MK LINE 6	FOOT	8,785.000				
78000500	THPL PVT MK LINE 8	FOOT	158.000				
78000600	THPL PVT MK LINE 12	FOOT	4,428.000				
78000650	THPL PVT MK LINE 24	FOOT	1,400.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
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 CONTRACT  
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Project Number  
 ESP-0866/007/

Route  
 FAP 866

\* REVISED : MAY 29, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78100100	RAISED REFL PAVT MKR	EACH	1,318.000				
78100200	TEMP RAIS REF PVT MKR	EACH	63.000				
78200410	GUARDRAIL MKR TYPE A	EACH	32.000				
78200520	BAR WALL MKR TYPE B	EACH	3.000				
78201000	TERMINAL MARKER - DA	EACH	17.000				
81000600	CON T 2 GALVS	FOOT	6,208.000				
81000700	CON T 2 1/2 GALVS	FOOT	494.000				
81001000	CON T 4 GALVS	FOOT	466.000				
81018500	CON P 2 GALVS	FOOT	2,318.000				
81018900	CON P 4 GALVS	FOOT	1,134.000				
81400100	HANDHOLE	EACH	37.000				
81400200	HD HANDHOLE	EACH	17.000				
81400300	DBL HANDHOLE	EACH	4.000				
81900200	TR & BKFIL F ELECT WK	FOOT	7,100.000				
85000200	MAIN EX TR SIG INSTAL	EACH	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 62700

State Job # - C-91-081-04  
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 Code - 97 - -  
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 Section Number - (L-2(W,R);6,6A&6EXT)WRS-1

Project Number  
 ESP-0866/007/

Route  
 FAP 866

\* REVISED : MAY 29, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
85700200	FAC T4 CAB	EACH	3.000				
85700300	FAC T5 CAB	EACH	1.000				
86000100	MASTER CONTROLLER	EACH	1.000				
86400100	TRANSCEIVER - FIB OPT	EACH	4.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	3,298.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	4,805.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	5,421.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	6,291.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	10,939.000				
87301805	ELCBL C SERV 6 2C	FOOT	390.000				
87502460	TS POST GALVS 12	EACH	1.000				
87502480	TS POST GALVS 14	EACH	2.000				
87502500	TS POST GALVS 16	EACH	11.000				
87502520	TS POST GALVS 18	EACH	1.000				
87700130	S MAA & P 18	EACH	1.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
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Project Number  
 ESP-0866/007/

Route  
 FAP 866

\* REVISED : MAY 29, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87700180	S MAA & P 28	EACH	1.000				
87700210	S MAA & P 34	EACH	1.000				
87700220	S MAA & P 36	EACH	2.000				
87700230	S MAA & P 38	EACH	5.000				
87700270	S MAA & P 46	EACH	1.000				
87700280	S MAA & P 48	EACH	2.000				
87700290	S MAA & P 50	EACH	1.000				
87700310	S MAA & P 54	EACH	1.000				
87800100	CONC FDN TY A	FOOT	60.000				
87800150	CONC FDN TY C	FOOT	16.000				
87800400	CONC FDN TY E 30D	FOOT	128.000				
87800415	CONC FDN TY E 36D	FOOT	69.000				
87900200	DRILL EX HANDHOLE	EACH	21.000				
88030020	SH LED 1F 3S MAM	EACH	22.000				
88030050	SH LED 1F 3S BM	EACH	4.000				

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER - 62700

State Job # - C-91-081-04  
 PPS NBR - 1-72788-0100  
 County Name - LAKE - -  
 Code - 97 - -  
 District - 1 - -  
 Section Number - (L-2(W,R);6,6A&6EXT)WRS-1

Project Number  
 ESP-0866/007/

Route  
 FAP 866

\* REVISED : MAY 29, 2009

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88030100	SH LED 1F 5S BM	EACH	11.000				
88030110	SH LED 1F 5S MAM	EACH	18.000				
88030210	SH LED 2F 3S BM	EACH	1.000				
88030240	SH LED 2F 1-3 1-5 BM	EACH	7.000				
88102710	PED SH LED 1F BM	EACH	10.000				
88102740	PED SH LED 2F BM	EACH	5.000				
88200210	TS BACKPLATE LOU ALUM	EACH	40.000				
88500100	INDUCTIVE LOOP DETECT	EACH	46.000				
88600100	DET LOOP T1	FOOT	4,515.000				
88700200	LIGHT DETECTOR	EACH	8.000				
88700300	LIGHT DETECTOR AMP	EACH	4.000				
88800100	PED PUSH-BUTTON	EACH	11.000				
89000100	TEMP TR SIG INSTALL	EACH	4.000				
89100400	ILLUM SIGN LED	EACH	4.000				
89502375	REMOV EX TS EQUIP	EACH	5.000				





**TABLE OF CONTENTS**

LOCATION OF PROJECT ..... 1

DESCRIPTION OF PROJECT ..... 1

WORK WITHIN THE LIMITS OF THE VILLAGE OF ANTIOCH..... 1

COMPLETION DATE PLUS GUARANTEED WORKING DAYS..... 2

RESTRICTION ON WORKING DAYS AFTER A COMPLETION DATE ..... 2

LANE CLOSURE RESTRICTIONS ..... 2

RAILROAD PROTECTIVE LIABILITY INSURANCE (5 AND 10) (BDE) ..... 3

MAINTENANCE OF ROADWAYS ..... 4

STATUS OF UTILITIES TO BE ADJUSTED ..... 4

AGGREGATE SUBGRADE, 12" (300 MM) ..... 6

STORM SEWER ADJACENT TO OR CROSSING WATER MAIN ..... 8

BACKFILLING STORM SEWER UNDER ROADWAY ..... 8

CLEANING EXISTING DRAINAGE STRUCTURES ..... 8

FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) ..... 9

STABILIZED MEDIAN SURFACE ..... 9

EPOXY COATING ON REINFORCEMENT (DISTRICT ONE) ..... 9

FINE AGGREGATE FOR HOT-MIX ASPHALT (HMA) (DISTRICT ONE) ..... 9

USE OF RAP (DIST 1) ..... 10

HOT MIX ASPHALT – DENSITY TESTING OF LONGITUDINAL JOINTS (D-1) ..... 16

TEMPORARY PAVEMENT ..... 17

HOT MIX ASPHALT PAY FOR PERFORMANCE USING PERCENT WITHIN LIMITS (D-1) ..... 18

GENERAL REQUIREMENTS FOR WEED CONTROL SPRAYING ..... 38

WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE ..... 39

BROADLEAF WEED CONTROL IN TURF ..... 40

PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE ..... 41

PLANTING WOODY PLANTS ..... 42

INLET FILTER CLEANING ..... 43

BRICK PAVER SIDEWALKS AND DRIVEWAYS ..... 44

VEHICLE BUMPER STOP REMOVAL ..... 44

BOX CULVERT REMOVAL ..... 44

CONCRETE RETAINING WALL REMOVAL ..... 45

CONCRETE STEPS ..... 45

PERMANENT STEEL SHEET PILING ..... 49

WATER VALVES TO BE MOVED ..... 51

Revised 06/01/2009

DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED ..... 51

ADJUSTING WATER MAINS ..... 51

MANHOLE, TYPE A, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE ..... 52

DRAINAGE AND UTILITY STRUCTURE CASTING LIDS ..... 52

EMBANKMENT I ..... 52

HOT-MIX ASPHALT SHOULDERS, 13 INCH ..... 53

TRAFFIC SIGNAL SPECIFICATIONS ..... 53

WORK ZONE TRAFFIC CONTROL (LUMP SUM PAYMENT) ..... 99

TRAFFIC CONTROL PLAN ..... 100

FLASHING BEACON INSTALLATION ..... 101

POST MOUNTED FLASHING BEACON INSTALLATION (SPECIAL) ..... 102

TYPE III TEMPORARY TAPE FOR WET CONDITIONS ..... 103

TEMPORARY INFORMATION SIGNING ..... 103

CONTRACTOR COOPERATION ..... 104

REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES ..... 105

COARSE AGGREGATE FOR HOT-MIX ASPHALT (HMA) (D-1) ..... 106

FINE AGGREGATE FOR HOT- MIX ASPHALT (HMA) (D-1) ..... 109

AMERICAN RECOVERY AND REINVESTMENT ACT PROVISIONS (BDE) ..... 109

AMERICAN RECOVERY AND REINVESTMENT ACT SIGNING (BDE) ..... 111

ALKALI-SILICA REACTION FOR CAST-IN-PLACE CONCRETE (BDE) ..... 117

ALKALI-SILICA REACTION FOR PRECAST AND PRECAST PRESTRESSED CONCRETE (BDE) .... 119

APPROVAL OF PROPOSED BORROW AREAS, USE AREAS, AND/OR WASTE AREAS INSIDE  
 ILLINOIS STATE BORDERS (BDE) ..... 122

AUTOMATED FLAGGER ASSISTANCE DEVICES (BDE)..... 122

CEMENT (BDE) ..... 124

CONCRETE ADMIXTURES (BDE) ..... 126

CONCRETE MIX DESIGNS (BDE) ..... 129

CONSTRUCTION AIR QUALITY – DIESEL VEHICLE EMISSIONS CONTROL (BDE)..... 130

CONSTRUCTION AIR QUALITY - IDLING RESTRICTIONS (BDE)..... 132

DETERMINATION OF THICKNESS (BDE)..... 133

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION (BDE) ..... 144

DOWEL BARS (BDE) ..... 151

ENGINEER’S FIELD OFFICE TYPE A (SPECIAL) ..... 152

EQUIPMENT RENTAL RATES (BDE)..... 154

FLAGGER AT SIDE ROADS AND ENTRANCES (BDE) ..... 155

HMA - HAULING ON PARTIALLY COMPLETED FULL-DEPTH PAVEMENT (BDE) ..... 155

HOT-MIX ASPHALT - FIELD VOIDS IN THE MINERAL AGGREGATE (BDE) ..... 156

HOT-MIX ASPHALT – PLANT TEST FREQUENCY (BDE) ..... 158

HOT-MIX ASPHALT – TRANSPORTATION (BDE) ..... 159

LIQUIDATED DAMAGES (BDE)..... 159

MAST ARM ASSEMBLY AND POLE (BDE)..... 160

MONTHLY EMPLOYMENT REPORT (BDE) ..... 161

MULTILANE PAVEMENT PATCHING (BDE)..... 163

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM / EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION (BDE) ..... 163

NOTCHED WEDGE LONGITUDINAL JOINT (BDE)..... 163

PAVEMENT MARKING REMOVAL (BDE) ..... 165

PAYMENTS TO SUBCONTRACTORS (BDE) ..... 165

PAYROLLS AND PAYROLL RECORDS (BDE) ..... 166

PERSONAL PROTECTIVE EQUIPMENT (BDE) ..... 167

PIPE CULVERTS (BDE) ..... 167

PLASTIC BLOCKOUTS FOR GUARDRAIL (BDE) ..... 171

POST CLIPS FOR EXTRUDED ALUMINUM SIGNS (BDE) ..... 171

PRECAST CONCRETE HANDLING HOLES (BDE) ..... 172

REFLECTIVE SHEETING ON CHANNELIZING DEVICES (BDE) ..... 173

REINFORCEMENT BARS (BDE) ..... 174

REINFORCEMENT BARS - STORAGE AND PROTECTION (BDE)..... 175

RETROREFLECTIVE SHEETING, NONREFLECTIVE SHEETING, AND TRANSLUCENT OVERLAY FILM FOR HIGHWAY SIGNS (BDE) ..... 176

SEEDING (BDE) ..... 182

SELF-CONSOLIDATING CONCRETE FOR PRECAST PRODUCTS (BDE)..... 183

SIGN PANELS AND SIGN PANEL OVERLAYS (BDE) ..... 184

SILT FILTER FENCE (BDE) ..... 185

STEEL PLATE BEAM GUARDRAIL (BDE) ..... 185

STONE GRADATION TESTING (BDE)..... 186

SUBCONTRACTOR MOBILIZATION PAYMENTS (BDE) ..... 186

TEMPORARY EROSION CONTROL (BDE) ..... 186

THERMOPLASTIC PAVEMENT MARKINGS (BDE) ..... 187

TRAINING SPECIAL PROVISIONS ..... 188

BITUMINOUS MATERIALS COST ADJUSTMENTS (BDE) (RETURN FORM WITH BID) ..... 190

STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID) ..... 193  
STORM WATER POLLUTION PREVENTION PLAN..... 197  
ICRR REQUIREMENTS ..... 205  
PERENNIAL PLANTS, WETLAND GRASSES AND SEDGES..... 213  
AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS ..... 213

Revised 06/01/2009

- (c) The Contractor shall maintain a record of payments for work performed to the DBE participants. The records shall be made available to the Department for inspection upon request. After the performance of the final item of work or delivery of material by a DBE and final payment therefore to the DBE by the Contractor, but not later than thirty calendar days after payment has been made by the Department to the Contractor for such work or material, the Contractor shall submit a DBE Payment Agreement on Department form SBE 2115 to the Regional Engineer. If full and final payment has not been made to the DBE, the DBE Payment Agreement shall indicate whether a disagreement as to the payment required exists between the Contractor and the DBE or if the Contractor believes that the work has not been satisfactorily completed. If the Contractor does not have the full amount of work indicated in the Utilization Plan performed by the DBE companies indicated in the Plan, the Department will deduct from contract payments to the Contractor the amount of the goal not achieved as liquidated and ascertained damages.
- (d) The Department reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment shall not be made on the contract until such time as the Contractor submits sufficient documentation demonstrating achievement of the goal in accordance with this Special Provision or after liquidated damages have been determined and collected.
- (e) Notwithstanding any other provision of the contract, including but not limited to Article 109.09 of the Standard Specifications, the Contractor may request administrative reconsideration of a decision to deduct the amount of the goal not achieved as liquidated damages. A request to reconsider shall be delivered to the Contract Compliance Section and shall be handled and considered in the same manner as set forth in paragraph (c) of "Good Faith Effort Procedures" of this Special Provision, except a final decision that a good faith effort was not made during contract performance to achieve the goal agreed to in the Utilization Plan shall be the final administrative decision of the Department.

**DOWEL BARS (BDE)**

Effective: April 1, 2007

Revised: January 1, 2008

Revise the fifth and sixth sentences of Article 1006.11(b) of the Standard Specifications to read:

"The bars shall be epoxy coated according to AASHTO M 284, except the thickness of the epoxy shall be 7 to 12 mils (0.18 to 0.30 mm) and patching of the ends will not be required. The epoxy coating applicator shall be certified according to the current Bureau of Materials and Physical Research Policy Memorandum, "Epoxy Coating Plant Certification Procedure". The Department will maintain an approved list."

Revised 06/01/2009

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

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

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

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

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

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

Revise subparagraph (a) of this Article to read:

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

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

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

Revise subparagraph (d) of this Article to read:

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

Revise subparagraph (e) of this Article to read:

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

Revise subparagraph (g) of this Article to read:

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

Revised 06/01/2009

Revise subparagraph (h) of this Article to read:

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

Revise subparagraph (i) of this Article to read:

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

Revise subparagraph (j) of this Article to read:

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

Revise subparagraph (k) of this Article to read:

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

Revise subparagraph (l) of this Article to read:

l) One electric water cooler dispenser including water service.

Add the following subparagraphs to this Article:

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

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

Revised 06/01/2009

**STORM WATER POLLUTION PREVENTION PLAN**



**Storm Water Pollution Prevention Plan**

Route	<u>FAP 866</u>	Marked Rt.	<u>IL Route 83</u>
Section	<u>(L-2[W,R];6, 6A &amp; 6EXT)WRS-1</u>	Project No.	<u>C-91-081-04</u>
County	<u>Lake</u>	Contract No.	<u>62700</u>

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency on May 30, 2003 for storm water discharges from Construction Site Activities. This plan has also been prepared to comply with the provisions of NPDES Permit Number ILR40 for discharges from small municipal separate storm sewer systems if checked below.

NPDES permits associated with this project:

- ILR10 Permit No. (if applicable): \_\_\_\_\_
- ILR40 Permit No. (if applicable): ILR400493

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Diane O'Keefe, P.E.  
 Print Name  
Region 1 Engineer  
 Title  
 Illinois Department of Transportation  
 Agency

*Diane O'Keefe*  
 Signature  
7-6-07  
 Date

**I. Site Description:**

A. The following is a description of the project location:

The project is located on IL Rte 83, beginning at the Wisconsin State Line and extending southerly 4.410 miles and ending north of Petite Lake Road. The project is located in the Villages of Antioch and Lake Villa and in unincorporated Lake County, Illinois.

B. The following is a description of the construction activity which is the subject of this plan:

The project consists of roadway widening, and resurfacing. The work to be performed under this contract consists of retaining walls, earth excavation and embankment; combination concrete curb and gutter; sidewalk, hot-mix asphalt and aggregate shoulders, hot-mix asphalt pavement widening, milling and resurfacing, and open and enclosed drainage improvements. The project also includes traffic signals, guardrail, pavement marking; and landscaping.

C. The following is a description of the intended sequence of major activities which will disturb soils for major portions of the construction site, such as grubbing, excavation and grading:

The project will be constructed one side of the road at a time with the location of the storm sewer dictating which side is improved first. The sequence of operations that will disturb soils are: clearing and grubbing operations; storm sewer installation; excavation and embankment for roadway widening; retaining wall construction; roadway widening and resurfacing; and excavation for grading and shaping new roadway ditches.



D. The total area of the construction site is estimated to be 54.00 acres.

The total area of the site that is estimated will be disturbed by excavation, grading or other activities is 35.51 acres.

E. The following is a weighted average of the runoff coefficient for this project after construction activities are completed:

0.574 before and 0.660 after construction

F. The following is a description of the soil types found at the project site followed by information regarding their erosivity:

From the Soil Survey Map of Lake County, Illinois, the following soils were identified for the project: Blount loam, Houghton Muck, Elliot silt loam, Pella silty clay loam, Pella silt loam, Ashkum silty clay loam, Beecher silt loam, Peotone silt loam, Ozaukee silt loam, Markham silt loam, Grays silt loam, Zurich and Ozaukee silt loam, Grays and Markham silt loam, and Mundelein and Elliot silt loam. All of the above soils are potentially erosive.

G. The following is a description of potentially erosive areas associated with this project:

The potentially erosive areas associated with the project include the clearing and grubbing operations; storm sewer construction and/or ditch flow line excavation and grading; excavation and embankment for roadway widening and retaining wall construction. The operations occur throughout the length of the project

H. The following is a description of soil disturbing activities, their locations, and their erosive factors (e.g. steepness of slopes, length of slopes, etc):

The major soil disturbing activities will consist of constructing embankments for roadway and shoulder widening, excavation and establishing new profiles for ditches and storm sewer construction. The work will be performed throughout the project length north and south of the downtown Antioch. Minimal disturbance within downtown Antioch is anticipated. Existing slopes in the project area range from near level to 1:2.5 V:H. Proposed foreslopes will be flattened to 1:4 V:H and backslopes 1:3 V:H.

I. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent offsite sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands) and locations where storm water is discharged to surface water including wetlands.

J. The following is a list of receiving water(s) and the ultimate receiving water(s), and areal extent of wetland acreage at the site. The location of the receiving waters can be found on the erosion and sediment control plans:

There are 23 outlets for runoff ranging in size from 8 inch to 48 inch. The majority drain to undefined swales. The ultimate receiving water for the project is Sequiot Creek.

K. The following pollutants of concern will be associated with this construction project:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Soil Sediment            | <input checked="" type="checkbox"/> Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids) |
| <input checked="" type="checkbox"/> Concrete                 | <input type="checkbox"/> Antifreeze / Coolants   |
| <input checked="" type="checkbox"/> Concrete Truck Waste     | <input type="checkbox"/> Waste water from cleaning construction equipment                          |
| <input type="checkbox"/> Concrete Curing Compounds           | <input type="checkbox"/> Other (specify)   |
| <input checked="" type="checkbox"/> Solid Waste Debris       | <input type="checkbox"/> Other (specify)   |
| <input type="checkbox"/> Paints                              | <input type="checkbox"/> Other (specify)   |
| <input type="checkbox"/> Solvents                            | <input type="checkbox"/> Other (specify)   |
| <input checked="" type="checkbox"/> Fertilizers / Pesticides | <input type="checkbox"/> Other (specify)   |

**II. Controls:**

This section of the plan addresses the controls that will be implemented for each of the major construction activities described in I.C. above and for all use areas, borrow sites, and waste sites. For each measure discussed, the contractor will be responsible for its implementation as indicated. The contractor shall provide to the resident engineer a plan for the implementation of the measures indicated. The contractor, and subcontractors, will notify the resident engineer of any proposed changes, maintenance, or modifications to keep construction activities compliant with the permit. Each such contractor has signed the required certification on forms which are attached to, and are a part of, this plan:

**A. Erosion and Sediment Controls**

1. **Stabilized Practices:** Provided below is a description of interim and permanent stabilization practices, including site specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided below in II(A)(1)(a) and II(A)(3), stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceases on all disturbed portions of the site where construction will not occur for a period of 21 or more calendar days.
  - a. Where the initiation of stabilization measures by the 14<sup>th</sup> day after construction activity temporarily or permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable thereafter.

The following Stabilization Practices will be used for this project:

- |   |  |
|---|--|
| <input type="checkbox"/> Preservation of Mature Vegetation            | <input checked="" type="checkbox"/> Erosion Control Blanket / Mulching |
| <input type="checkbox"/> Vegetated Buffer Strips                      | <input checked="" type="checkbox"/> Sodding                            |
| <input checked="" type="checkbox"/> Protection of Trees               | <input type="checkbox"/> Geotextiles                                   |
| <input checked="" type="checkbox"/> Temporary Erosion Control Seeding | <input checked="" type="checkbox"/> Other (specify) Riprap             |
| <input type="checkbox"/> Temporary Turf (Seeding, Class 7)            | <input type="checkbox"/> Other (specify)                               |
| <input type="checkbox"/> Temporary Mulching                           | <input type="checkbox"/> Other (specify)                               |
| <input checked="" type="checkbox"/> Permanent Seeding                 | <input type="checkbox"/> Other (specify)                               |

Describe how the Stabilization Practices listed above will be utilized:

Protection of Trees. Tree Trunk Protection as outlines in Article 201.05 of the Standard Specifications will be provided for all trees to remain within the construction site.  
 Temporary Erosion Control Seeding will be used as temporary stabilization, and will be placed every 7 days or as directed by the Engineer until permanent seeding has been established.  
 Permanent Seeding will be placed as construction operations permit. Foreslopes and ditch bottoms will be seeded with with Class 2A Seeding and Erosion Control Blanket. Backslopes will be seeded with Class 3/5A Seeding.  
 Sodding will be placed in urban areas as construction operations permit.  
 Riprap will be placed as soon as construction operations permit Riprap with filter fabric will be placed at all storm sewer outfalls that drain to existing ditches and overland outlets.

2. **Structural Practices:** Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include but are not limited to: perimeter erosion barrier, earth dikes, drainage swales, sediment traps, ditch checks, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

The following Structural Practices will be used for this project:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Perimeter Erosion Barrier | <input type="checkbox"/> Rock Outlet Protection |
|---|---|

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Temporary Ditch Check        | <input checked="" type="checkbox"/> Riprap                          |
| <input checked="" type="checkbox"/> Storm Drain Inlet Protection | <input type="checkbox"/> Gabions                                    |
| <input type="checkbox"/> Sediment Trap                           | <input type="checkbox"/> Slope Mattress                             |
| <input type="checkbox"/> Temporary Pipe Slope Drain              | <input checked="" type="checkbox"/> Retaining Walls                 |
| <input type="checkbox"/> Temporary Sediment Basin                | <input type="checkbox"/> Slope Walls                                |
| <input type="checkbox"/> Temporary Stream Crossing               | <input type="checkbox"/> Concrete Revetment Mats                    |
| <input type="checkbox"/> Stabilized Construction Exits           | <input type="checkbox"/> Level Spreaders                            |
| <input type="checkbox"/> Turf Reinforcement Mats                 | <input checked="" type="checkbox"/> Other (specify) Temporary Fence |
| <input type="checkbox"/> Permanent Check Dams                    | <input type="checkbox"/> Other (specify)                            |
| <input type="checkbox"/> Permanent Sediment Basin                | <input type="checkbox"/> Other (specify)                            |
| <input type="checkbox"/> Aggregate Ditch                         | <input type="checkbox"/> Other (specify)                            |
| <input type="checkbox"/> Paved Ditch                             | <input type="checkbox"/> Other (specify)                            |

Describe how the Structural Practices listed above will be utilized:

Perimeter Erosion Barrier will be placed along the right of way to protect the construction site. Temporary Ditch Checks will be placed at approximately 150 foot intervals at locations shown on the plans to dissipate energy from runoff. Storm Drain Inlet Protection in the combination form of Inlet Filters, Sediment Traps, and Silt Fence will be provided for storm structures and outlets. Riprap at locations stated above will be provided to dissipate runoff energy and control erosion. Temporary Fence with "NO INTRUSION" signs will be provided to define Wetland areas that are not impacted by construction and prevent construction equipment from entering them.

**3. Storm Water Management:** Provided below is a description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act.

- a. Such practices may include but are not limited to: storm water detention structures (including wet ponds), storm water retention structures, flow attenuation by use of open vegetated swales and natural depressions, infiltration of runoff on site, and sequential systems (which combine several practices).

The practices selected for implementation were determined on the basis of the technical guidance in Section 59-8 (Erosion and Sediment Control) in Chapter 59 (Landscape Design and Erosion Control) of the Illinois Department of Transportation Bureau of Design and Environment Manual. If practices other than those discussed in Section 59-8 are selected for implementation or if practices are applied to situations different from those covered in Section 59-8, the technical basis for such decisions will be explained below.

- b. Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. maintenance of hydrologic conditions such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

**Description of Storm Water Management Controls.**

Riprap will be placed at each storm sewer outlet and cross road culvert. All work will be performed in accordance with the applicable requirements of the Standard Specifications Sections 250, 253, 254, 280, 281 and 282.

**4. Other Controls:**

- a. Vehicle Entrances and Exits – Stabilized construction entrances and exits must be constructed to prevent tracking of sediments onto roadways.

The contractor will provide the resident engineer with a written plan identifying the location of stabilized entrances and exits and the procedures (s)he will use to construct and maintain them.

- b. **Material Delivery, Storage, and Use** – The following BMPs shall be implemented to help prevent discharges of construction materials during delivery, storage, and use:
- All products delivered to the project site must be properly labeled.
  - Water tight shipping containers and/or semi trailers shall be used to store hand tools, small parts, and most construction materials that can be carried by hand, such as paint cans, solvents, and grease.
  - A storage/containment facility should be chosen for larger items such as drums and items shipped or stored on pallets. Such material is to be covered by a tin roof or large sheets of plastic to prevent precipitation from coming in contact with the products being stored.
  - Large items such as light stands, framing materials and lumber shall be stored in the open in a general storage area. Such material shall be elevated with wood blocks to minimize contact with storm water runoff.
  - Spill clean-up materials, material safety data sheets, an inventory of materials, and emergency contact numbers shall be maintained and stored in one designated area and each Contractor is to inform his/her employees and the resident engineer of this location.
- c. **Stockpile Management** – BMPs shall be implemented to reduce or eliminate pollution of storm water from stockpiles of soil and paving materials such as but not limited to portland cement concrete rubble, asphalt concrete, asphalt concrete rubble, aggregate base, aggregate sub base, and pre-mixed aggregate. The following BMPs may be considered:
- Perimeter Erosion Barrier
  - Temporary Seeding
  - Temporary Mulch
  - Plastic Covers
  - Soil Binders
  - Storm Drain Inlet Protection

The contractor will provide the resident engineer with a written plan of the procedures (s)he will use on the project and how they will be maintained.

- d. **Waste Disposal.** No materials, including building materials, shall be discharged into Waters of the State, except as authorized by a Section 404 permit.
- e. The provisions of this plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.
- f. The contractor shall provide a written and graphic plan to the resident engineer identifying where each of the above areas will be located and how they are to be managed.

#### **5. Approved State or Local Laws**

The management practices, controls and provisions contained in this plan will be in accordance with IDOT specifications, which are at least as protective as the requirements contained in the Illinois Environmental Protection Agency's Illinois Urban Manual, 1995. Procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials shall be described or incorporated by reference in the space provided below. Requirements specified in sediment and erosion site plans, site permits, storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI, to be authorized to discharge under permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

Description of procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials:

All management practices, controls and provisions are in accordance with the Department Standard Specifications

### **III. Maintenance:**

The following is a description of procedures that will be used to maintain, in good and effective operating conditions, the vegetation, erosion and sediment control measures and other protective measures identified in this plan. The resident engineer will provide maintenance guides to the contractor for the practices associated with this project.

The Contractor shall apply seed to all erodible bare earth areas within the contract limits every 7 days, regardless of weather conditions or progress of the work unless otherwise directed by the Engineer. The Engineer may require critical locations be given special treatment and seeded immediately. The Contractor shall have 48 hours to comply with the request.

The Contractor shall name a person at the preconstruction meeting who shall be on the jobsite and who is responsible for assuring that the erosion control work is completed in a timely manner.

#### **IV. Inspections:**

Qualified personnel shall inspect disturbed areas of the construction site which have not yet been finally stabilized, structural control measures, and locations where vehicles and equipment enter and exit the site. Such inspections shall be conducted at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater or equivalent snowfall.

- A. Disturbed areas, use areas (storage of materials, stockpiles, machine maintenance, fueling, etc.), borrow sites, and waste sites shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Discharge locations or points that are accessible, shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of off site sediment tracking.
- B. Based on the results of the inspection, the description of potential pollutant sources identified in section I above and pollution prevention measures identified in section II above shall be revised as appropriate as soon as practicable after such inspection. Any changes to this plan resulting from the required inspections shall be implemented within ½ hour to 1 week based on the urgency of the situation. The resident engineer will notify the contractor of the time required to implement such actions through the weekly inspection report.
- C. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with section IV(B) shall be made and retained as part of the plan for at least three (3) years after the date of the inspection. The report shall be signed in accordance with Part VI. G of the general permit.
- D. If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the resident engineer shall complete and file an "Incidence of Noncompliance" (ION) report for the identified violation. The resident engineer shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of noncompliance shall be signed by a responsible authority in accordance with Part VI. G of the general permit.

The Incidence of Non-Compliance shall be mailed to the following address:

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
Attn: Compliance Assurance Section  
1021 North Grand East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

#### **V. Non-Storm Water Discharges:**

Except for flows from fire fighting activities, sources of non-storm water that is combined with storm water discharges associated with the industrial activity addressed in this plan must be described below. Appropriate pollution

prevention measures, as described below, will be implemented for the non-storm water component(s) of the discharge.

- A. **Spill Prevention and Control** – BMPs shall be implemented to contain and clean-up spills and prevent material discharges to the storm drain system. The contractor shall produce a written plan stating how his/her company will prevent, report, and clean up spills and provide a copy to all of his/her employees and the resident engineer. The contractor shall notify all of his/her employees on the proper protocol for reporting spills. The contractor shall notify the resident engineer of any spills immediately.
- B. **Concrete Residuals and Washout Wastes** – The following BMPs shall be implemented to control residual concrete, concrete sediments, and rinse water:
- Temporary Concrete Washout Facilities shall be constructed for rinsing out concrete trucks. Signs shall be installed directing concrete truck drivers where designated washout facilities are located.
  - The contractor shall have the location of temporary concrete washout facilities approved by the resident engineer.
  - All temporary concrete washout facilities are to be inspected by the contractor after each use and all spills must be reported to the resident engineer and cleaned up immediately.
  - Concrete waste solids/liquids shall be disposed of properly.
- C. **Litter Management** – A proper number of dumpsters shall be provided on site to handle debris and litter associated with the project. The Contractor is responsible for ensuring his/her employees place all litter including marking paint cans, soda cans, food wrappers, wood lathe, marking ribbon, construction string, and all other construction related litter in the proper dumpsters.
- D. **Vehicle and Equipment Cleaning** – Vehicles and equipment are to be cleaned in designated areas only, preferably off site.
- E. **Vehicle and Equipment Fueling** – A variety of BMPs can be implemented during fueling of vehicles and equipment to prevent pollution. The contractor shall inform the resident engineer as to which BMPs will be used on the project. The contractor shall inform the resident engineer how (s)he will be informing his/her employees of these BMPs (i.e. signs, training, etc.). Below are a few examples of these BMPs:
- Containment
  - Spill Prevention and Control
  - Use of Drip Pans and Absorbents
  - Automatic Shut-Off Nozzles
  - Topping Off Restrictions
  - Leak Inspection and Repair
- F. **Vehicle and Equipment Maintenance** – On site maintenance must be performed in accordance with all environmental laws such as proper storage and no dumping of old engine oil or other fluids on site.

**VI. Failure to Comply:**

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of an Erosion and Sediment Control Deficiency Deduction against the contractor and/or penalties under the NPDES permit which could be passed onto the contractor.



**Contractor Certification Statement**

This certification statement is part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10 issued by the Illinois Environmental Protection Agency on May 30, 2003.

Route	<u>FAP 866</u>	Marked Rt.	<u>IL rte 83</u>
Section	<u>(L-2[W,R];6,6A 7 6EXT)WRS-1</u>	Project No.	<u>C-91-081-04</u>
County	<u>Lake</u>	Contract No.	<u>62700</u>

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR 10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification. I have read and understand all of the information and requirements stated in the Storm Water Pollution Prevention Plan for the above mentioned project. I have provided all documentation required to be in compliance with the ILR10 and Storm Water Pollution Prevention Plan and will provide timely updates to these documents as necessary.

- Contractor
- Sub-Contractor

\_\_\_\_\_  
 Print Name

\_\_\_\_\_  
 Title

\_\_\_\_\_  
 Name of Firm

\_\_\_\_\_  
 Street Address

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Telephone

\_\_\_\_\_  
 City/State/ZIP

ICRR REQUIREMENTS



United States Region

John Henriksen  
Manager Public Works

17641 South Ashland Avenue  
Homewood, Illinois 60430-1345

Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Subject: Right-of-Entry

\_\_\_\_\_  
\_\_\_\_\_ District MP \_\_\_\_\_  
\_\_\_\_\_, IL

Dear Sirs:

Reference is made to your request regarding a Right of Entry Agreement for the purposes relating to \_\_\_\_\_ Railroad Company's tracks and right-of-way near the above-mentioned location.

Enclosed are duplicate original counterparts of a covering Right-of Entry Agreement which has been prepared pursuant to this request. If satisfactory, please arrange to have both counterparts signed on your firm's behalf and return both to the undersigned for formal execution by the Railroad Company. Approval should not be presumed until a fully executed counterpart is returned for your files. To expedite our final acceptance and approval, a check in the stated amount of \$750 made payable to "Illinois Central Railroad Company" and the required evidence(s) of insurance should accompany the return of the documents.

Should you have any questions in these matters, please contact the undersigned at (708) 332-3557.

Sincerely,



United States Region



Paul E. Ladue  
Region Manager  
Contracts and Administration

17641 South Ashland Avenue  
Homewood, Illinois 60430-1345

Date: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Subject: Right-of-Entry

\_\_\_\_\_ District MP \_\_\_\_\_  
\_\_\_\_\_, IL

Gentlemen:

The Illinois Central Railroad Company (hereinafter referred to as the Railroad Company) hereby grants to \_\_\_\_\_ (hereinafter called the Licensee) license and permission, at the Licensee's sole cost, risk and expense, to enter the Railroad Company's property in the vicinity of \_\_\_\_\_ (Railroad Mile Post \_\_\_\_\_, \_\_\_\_\_ Subdivision) for purposes related to \_\_\_\_\_ the Railroad Company's tracks and right-of-way.

Licensee shall pay to the Railroad Company upon execution of this letter agreement the sum of \$750.00 to cover preparation and administration of this agreement. The aforesaid sum is not refundable in the event Licensee elects not to enter upon the Railroad Company's property or the event the Railroad Company elects to terminate this license for any reason whatsoever.

The Licensee shall not enter the Railroad Company's premises for the purpose as set forth above without having first given the Railroad Company's Engineering Superintendent or his authorized representative at least three (3) days' advance notice of the date Licensee plans to commence the work.

The Railroad Company shall have the right, but not the duty, to require the Licensee to furnish detailed plans prior to entry upon the premises and to view and inspect any activity or work on or above the Railroad Company's property. If in the sole opinion of the authorized representative of the Railroad Company any said activity or work is undesirable for any reason, the Railroad Company shall have the right to terminate this agreement and the Licensee's license and permission at once.

**The Railroad Company shall have the right, but not the duty, to restrict the Licensee's activity on the Railroad Company's property in any way that the Railroad Company may, in its sole opinion, deem necessary from time to time and shall also have the right, but not the duty, to require the Licensee to adopt and take any safety precautions that the Railroad Company may, in its sole opinion, deem necessary from time to time. No work shall be performed or equipment located within twenty feet (25') of the centerline of the nearest railroad track without the expressed permission of the Railroad Company's Engineering Superintendent or his duly authorized representative and then only when either the track has been removed from service or a Railroad Company flagman is present.**

**The Railroad Company may, at the Licensee's sole cost, risk and expense, furnish whatever protective services it considers necessary, including, but not limited to, flagmen, watchmen and inspectors.**

The Licensee shall at all times conduct its work in accordance with any and all "Special Provisions" which may be appended hereto which, by reference hereto, are hereby made a part hereof.

As a consideration, and as a condition without which this license would not have been granted, the Licensee agrees to indemnify the Railroad Company in accordance with the terms of "Exhibit A - Indemnity" attached hereto and made a part hereof.

The Licensee shall furnish the Railroad Company with a policy or policies of insurance acceptable to the Railroad Company naming the Railroad Company as an insured party and protecting the Railroad Company against any and all liability for personal injury (including death) or property damage directly or indirectly resulting from the granting or exercise of this license and that such insurance be primary as it relates to this letter agreement. Such insurance shall have a minimum combined single limit of \$5,000,000 per occurrence with an aggregate limit of at least \$10,000,000. The insurance policy or policies must not contain any exclusion for work taking place in the vicinity of railroad tracks, and must be furnished to and approved by the Railroad Company prior to entry by the Licensee upon the Railroad Company's property.

The Railroad Company's exercise or failure to exercise any rights under this agreement shall not relieve the Licensee of any responsibility under this agreement, including, but not limited to, the obligation to indemnify the Railroad Company as herein provided.

Cost and expense for work performed by the Railroad Company, as referred to in this agreement, shall consist of the actual cost of labor, materials, equipment and other plus the Railroad Company's standard additives in effect at the time the work is performed.

This license and permission herein granted is revocable at the option and discretion of the Railroad Company upon notice to the Licensee and shall not be transferred or assigned. Unless sooner revoked by the Railroad Company, extended by written agreement or relinquished by act of the Licensee, this license and permission shall terminate six (6) months from the date of this letter.

Upon termination of this license, the Licensee shall remove all of its property, leaving the Railroad Company's premises in a neat and safe condition satisfactory to the Railroad Company's Engineering Superintendent or his authorized representative, failing in which the Railroad Company may do so at the Licensee's sole cost, risk and expense.

Please indicate your acceptance in the space provided below and return both copies of this letter. A fully executed copy will be transmitted to you for your permanent files.

Yours very truly,

ILLINOIS CENTRAL RAILROAD COMPANY

By: \_\_\_\_\_  
Paul E. Ladue  
Region Director  
Contracts and Administration

ACCEPTED:

\_\_\_\_\_

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

RN

EXHIBIT "A"

INDEMNITY

Licensee agrees to indemnify and save harmless Railroad Company, its officers, employees and agents and to assume all liability for death or injury to any persons, including, but not limited to, officers, employees, agents, patrons and licensees of the parties hereto, and for all loss, damage or injury to any property, including, but not limited to, that belonging to the parties hereto, together with all expenses, attorneys' fees and costs incurred or sustained by Railroad Company, whether in defense of any such claims, demands, actions and causes of action or the enforcement of the indemnification rights hereby conferred, in any manner or degree caused by, attributable to or resulting from the exercise of the rights herein granted, or the work performed by the Railroad Company for the Licensee under the terms of this license or the construction, maintenance, repair, renewal, alteration, change, relocation, existence, presence, use, operation or removal of any structure incident thereto, or from any activity conducted on or occurrence originating on the area covered by this agreement, regardless of any negligence of Railroad Company, its officers, employees and agents.

Said Licensee agrees also to release, indemnify and save harmless Railroad Company, its officers, employees and agents from all liability to Licensee, its officers, employees, agents or patrons, resulting from railroad operations at or near the area in which the license is to be exercised, whether or not the death, injury or damage resulting therefrom may be due in whole or in part to the negligence of the Railroad Company, its officers, employees or agents.

It is the intention of the parties hereto that Licensee shall be solely responsible for all such destruction or damage to property or for personal injury to or death of any persons which would not have occurred if the rights granted herein had never been granted or exercised.

~~At the election of the Railroad Company, the Licensee, upon notice to that effect, shall assume or join in the defense of any claim based upon allegations purporting to bring said claim within the coverage of this section.~~

Accepted: \_\_\_\_\_

Print Name: \_\_\_\_\_

SPECIAL PROVISIONS

RELATIVE TO FLAGGING AND OTHER PROTECTION OF RAILROAD TRAFFIC AND FACILITIES DURING CONSTRUCTION ADJACENT AND ABOVE, ON OR ACROSS, THE PROPERTY OF, OR ON, ABOVE AND BENEATH THE TRACKS OF THE ILLINOIS CENTRAL RAILROAD COMPANY

The Grantee, Licensee or Permittee, or any Contractor engaged on its behalf, shall, before entering upon the property of the Railroad for performance of any work, secure permission from the Engineering Superintendent of the Railroad Company or his authorized representative at \_\_\_\_\_ for the occupancy and use of the Railroad's property and shall confer with the Railroad relative to requirements for railroad clearances, operation and general safety regulations. Grantee shall have all employees doing work on CN's property or its subcontractors doing work on CN's property go through Railroad Safety Training at <http://www.e-railsafe.com/>. Railroad Company reserves the right to bar any of Licensee's employees or agents from Railroad Company's property at any time for any reason. Licensee will need to contact Rich Hussey via email at [RICH.HUSSEY@CN.CA](mailto:RICH.HUSSEY@CN.CA) with a copy to [JOHN.HENRIKSEN@CN.CA](mailto:JOHN.HENRIKSEN@CN.CA), to be set up with a vendor number to complete eRailsafe. This email needs to contain Company Name, Address, Telephone Number, Contact Person and IDOT Contract No. If the AAR/DOT Number is available it must be included also.

The Grantee, Licensee or Permittee, or any Contractor engaged on its behalf, shall at all times conduct their work in a manner satisfactory to the Engineering Superintendent of the Railroad Company, or his authorized representative, and shall exercise care so as to not damage the property of the Railroad Company, or that belonging to any other grantees, licensees, permittees or tenants of the Railroad Company, or to interfere with railroad operations.

The Engineering Superintendent of the Railroad Company, or his authorized representative, will at all times have jurisdiction over the safety of railroad operations, and the decision of the Engineering Superintendent or his authorized representative as to procedures which may affect the safety of railroad operations shall be final, and the ~~Grantee, Licensee or Permittee, and/or any Contractor engaged on its behalf shall be governed by such decision.~~

All work shall be conducted in such a manner as will assure the safety of the Railroad. The Railroad's authorized representative shall have the right, but not the duty, to require certain procedures to be used or to supervise the work on the Railroad's property.

Should any damage occur to Railroad property as a result of the unauthorized or negligent operations of any Grantee, Licensee, Permittee and/or any Contractor engaged on its behalf, and the Railroad deems it necessary to repair such damage or perform any work for the protection of its property or operations, the Grantee, Licensee, Permittee and/or Contractor, as the case may be, shall promptly reimburse the Railroad Company for the actual cost of such repairs or work. For the purpose of these Special Provisions, cost shall

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be deemed to include the direct cost of any labor, materials, equipment or contract expense plus the Railroad's then current customary additives in each instance.

If the work requires the construction of a temporary grade crossing across the track(s) of the Railroad, the Grantee, Licensee, Permittee and/or its Contractor shall make the necessary arrangements with the Railroad for the construction, protection, maintenance and later removal of such temporary grade crossing. The cost of such temporary grade crossing construction, protection, maintenance and later removal shall be promptly reimbursed to the Railroad upon receipt of bill(s) therefor.

The Grantee, Licensee, Permittee and/or its Contractor shall at no time cross the Railroad's property or tracks with vehicles or equipment of any kind or character, except at such temporary grade crossing as may be constructed as outlined herein, or at any existing and open public grade crossing.

Any flagging protection, watchmen service or standby personnel required by the Railroad for the safety of railroad operations because of work being conducted by a Grantee, Licensee, Permittee and/or its Contractor, or in connection therewith, will be provided by the Railroad and the cost thereof shall be reimbursed to the Railroad by the respective Grantee, Licensee, Permittee or Contractor upon receipt of bill(s) therefor. The requirements of the Railroad are as follows:

The services of a flagman will be required during any operation involving direct interference with the Railroad's tracks or traffic, fouling of railroad operating clearances, or reasonable proximity of accidental hazard to railroad traffic, generally when work takes place within twenty-five feet (25') from the nearest rail. Additional flagmen will also be furnished whenever, in the opinion of Railroad's Engineering Superintendent, such protection is needed.

Prior to any digging, trenching or boring activities on Railroad property, or beneath any railroad track, an on-site meeting shall be conducted with the Railroad's Signal Supervisor or Signal Maintainer so as to ascertain, to the extent possible, the location of any buried railroad signal cables in the vicinity of the proposed work. No digging, trenching or boring activities shall be conducted in the proximity of any known buried Railroad signal cables without the Railroad's Signal Maintainer being present.

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In order that the Railroad Company may be prepared to furnish protective services, it is incumbent upon the Grantee, Licensee, Permittee and/or its Contractor to notify the Railroad Company sufficiently in advance of when the protective services are required. For work activities which require a flagman, Signal Maintainer or other Railroad personnel to be present while said work is being conducted, should the Railroad be unable to furnish the flagman or other personnel at the desired time or on the desired date(s), the Grantee, Licensee, Permittee and/or its Contractor shall not perform the said operation or work until such time and date(s) that appropriate Railroad personnel can be made available. It is understood the Railroad Company shall not be liable for any increased costs incurred by the Grantee, Licensee, Permittee and/or its Contractor owing to Railroad's inability or failure to have appropriate Railroad personnel available at the time or on the date requested.

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Illinois Central Railroad Company - Original

The rate of pay for the Railroad employees will be the prevailing hourly rate for an eight (8) hour day for the class of labor during regularly assigned work hours, overtime rates in accordance with Labor Agreements and Schedules and the Railroad's standard additives, all as in effect at the time the work is performed.

Wage rates are subject to change, at any time, by law or by agreement between the Railroad and employees, and may be retroactive because of negotiations or a ruling by an authorized Governmental Agent. If the wage rates are changed, the Grantee, Licensee, Permittee and/or its Contractor shall pay on the basis of the new rates.

Any digging, trenching or boring on Railroad property shall be conducted in such a manner that any settlement or caving in of the ground surface shall be avoided.

The following temporary clearances are the minimum that must be maintained at all times during any operation:

**Vertical: 23'-0" (7.0 m) above top of highest rail within 8'-0" (2.44 m) of the centerline of any track**

**Horizontal: 8'-6" (2.59 m) from centerline of the nearest track, measured at right angles thereto**

If lesser clearances than the above are required for any part of the work, the Grantee, Licensee, Permittee and/or its Contractor shall secure written authorization from the Railroad's Engineering Superintendent for such lesser clearances in advance of the start of that portion of the work.

No materials, supplies or equipment will be stored within 15 feet of the centerline of any railroad track, measured at right angles thereto.

The Grantee, Licensee, Permittee and/or its Contractor will be required upon the completion of the work to remove from within the limits of the Railroad's property all machinery, equipment, surplus materials, false work, rubbish or temporary buildings, and to leave said property in a condition satisfactory to the Engineering Superintendent of the Railroad Company or his authorized representative.

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~~Nothing in these Special Provisions shall be construed to place any responsibility on the Railroad for the quality or conduct of the work performed by the Grantee, Licensee, Permittee and/or its Contractor hereunder. Any approval given or supervision exercised by Railroad hereunder, or failure of Railroad to object to any work done, material used, or method of operation shall not be construed to relieve the Grantee, Licensee, Permittee and/or its Contractor of any obligations pursuant hereto or under the Agreement these Special Provisions are appended to.~~

Accepted: \_\_\_\_\_

Print Name: \_\_\_\_\_

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**PERENNIAL PLANTS, WETLAND GRASSES AND SEDGES**

Description: All work, materials and equipment shall conform to Section 254 and 1081 of the Standard Specifications except as modified herein.

All native species will be local genotype and will be from a radius of 150 miles from the site.

Materials: Revised Article 254.03 Types and Mixtures – Add the following:

Perennial Plants, Wetland Grasses and Sedges		
<u>Scientific Name</u>	<u>Common Name</u>	<u>Quantity (UNITS, plugs)</u>
Asclepias incarnata	Swamp Milkweed	.64
Carex annectans	Large Yellow Fox Sedge	1.28
Carex cristatella	Crested Oval Sedge	.64
Carex normalis	Spreading Oval Sedge	.96
Carex pellita	Broad Leaved Woolly Sedge	.64
Carex vulpinoidea	Brown Fox Sedge	1.28
Glyceria striata	Fowl Meadow Grass	.64
Juncus torreyi	Torrey's Rush	1.28
Leersia oryzoides	Rice Cut Grass	.64
Scirpus pendulus	Red Bulrush	.96
Scirpus validus	Great Bulrush	1.28
Spartina pectinata	Prairie Cord Grass	<u>1.28</u>
TOTAL		11.52

Measurement: Revise Article 254.10 to include the following, Perennial Plants, Wetland Emergent Type will be measured for payment in units of 100 perennial plants of the type specified.

Payment: This work will be paid for at the Contract unit price per unit for PERENNIAL PLANTS, WETLAND GRASSES AND SEDGES.

**AGGREGATE SURFACE COURSE FOR TEMPORARY ACCESS**

Effective: April 1, 2001

Revised: January 2, 2007

Revise Article 402.10 of the Standard Specifications to read:

**“402.10 For Temporary Access.** The contractor shall construct and maintain aggregate surface course for temporary access to private entrances, commercial entrances and roads according to Article 402.07 and as directed by the Engineer.

Added 06/01/2009



The aggregate surface course shall be constructed to the dimensions and grades specified below, except as modified by the plans or as directed by the Engineer.

- (a) Private Entrance. The minimum width shall be 12 ft. (3.6 m). The minimum compacted thickness shall be 6 in. (150 mm). The maximum grade shall be eight percent, except as required to match the existing grade.
- (b) Commercial Entrance. The minimum width shall be 24 ft. (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The maximum grade shall be six percent, except as required to match the existing grade.
- (c) Road. The minimum width shall be 24 ft. (7.2 m). The minimum compacted thickness shall be 9 in. (230 mm). The grade and elevation shall be the same as the removed pavement, except as required to meet the grade of any new pavement constructed.
- (d) Alley. The minimum width shall be 8 ft. (2.4 m). The minimum compacted thickness shall be 6 in. (150 mm). The grade and elevation shall be the same as the removed pavement, except as required to meet the grade of any new pavement constructed.
- (e) Field Entrance. The minimum width shall be 12 ft. (3.6 m). The minimum compacted thickness shall be 6 in. (150 mm). The maximum grade shall be eight percent, except as required to match the existing grade.

Maintaining the temporary access shall include relocating and/or regrading the aggregate surface coarse for any operation that may disturb or remove the temporary access. The same type and gradation of material used to construct the temporary access shall be used to maintain it.

When use of the temporary access is discontinued, the aggregate shall be removed and utilized in the permanent construction or disposed of according to Article 202.03.”

Add the following to Article 402.12 of the Standard Specifications:

“Aggregate surface course for temporary access will be measured for payment as each for every private entrance, commercial entrance or road constructed for the purpose of temporary access. If a residential drive, commercial entrance, or road is to be constructed under multiple stages, the aggregate needed to construct the second or subsequent stages will not be measured for payment but shall be included in the cost per each of the type specified.”

Add the following to the second paragraph of Article 402.13 of the Standard Specifications to read:

Added 06/01/2009

“Aggregate surface course for temporary access will be paid for at the contract unit price per each for TEMPORARY ACCESS (PRIVATE ENTRANCE), TEMPORARY ACCESS (COMMERCIAL ENTRANCE), TEMPORARY ACCESS (ALLEY), TEMPORARY ACCESS (FIELD ENTRANCE), or TEMPORARY ACCESS (ROAD).

Partial payment of the each amount bid for temporary access, of the type specified, will be paid according to the following schedule:

- (a) Upon construction of the temporary access, sixty percent of the contract unit price per each, of the type constructed, will be paid.
- (b) Subject to the approval of the Engineer for the adequate maintenance and removal of the temporary access, the remaining forty percent of the pay item will be paid upon the permanent removal of the temporary access.”

Added 06/01/2009