



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 15, 2009

SUBJECT: FAU Route 2578 (IL 53)
Project ACM-2578 (00S)
Section 532B-1
DuPage County
Contract No. 62881
Item No. 140, November 6, 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 page iii of the Table of Contents to the Special Provisions.
3. Revised pages 2 & 3 of the Special Provisions.
4. Added pages 197 - 220 to the Special Provisions.
5. Revised sheets 6, 47, 48, 59, 60 & 68 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 script, reading "Ted B. Walschleger" followed by a small "P.E." to the right.

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

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

TBW:MS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 62881

State Job # - C-91-069-05
 PPS NBR - 1-77217-0000
 County Name - DUPAGE- -
 Code - 43 - -
 District - 1 - -
 Section Number - 532B-1

Project Number
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Route
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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
A2001260	T-ACER RUB RS SF 8'	EACH	7.000				
A2001614	T-ACER SACC MRTN 2.5	EACH	1.000				
A2002280	T-ALNUS RUGOSA CL 5'	EACH	4.000				
A2002466	T-BETUL NG HRT CL 6'	EACH	32.000				
A2006313	T-PRUNUS SERO 1.5	EACH	2.000				
A2006416	T-QUERCUS ALBA 2	EACH	2.000				
A2006568	T-QUERCUS BICL CL 7'	EACH	13.000				
A2006616	T-QUERCUS IMBR 2	EACH	5.000				
A2006716	T-QUERCUS MACR 2	EACH	8.000				
A2007666	T-TAXODIUM DIS CL 6'	EACH	3.000				
B2000766	T-AMEL X GF AB SF 6'	EACH	7.000				
B2003366	T-MALUS DW CL 6'	EACH	6.000				
B2005466	T-PRUN VR SH CL 6'	EACH	7.000				
C2001248	S-CHIONANTH VIRG 4'	EACH	7.000				
C2001536	S-CORNUS RACEMOSA 3'	EACH	15.000				

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C2002036	S-CORYLUS AMER 3'	EACH	27.000				
C2003820	S-ILEX GLABRA 2	EACH	24.000				
C2003930	S-ILEX VERT JD 24BB	EACH	5.000				
C2003934	S-ILEX VERT WR 2'	EACH	13.000				
C2004840	S-PHYSO OP MONLO 3'	EACH	5.000				
C2007218	S-ROSA KNOCKOUT 18	EACH	7.000				
C2009636	S-SAMBUCUS CANAD 3'	EACH	21.000				
C2010800	S-SYMPHO ALBUS 2'	EACH	12.000				
C2010824	S-SYMPHO ORBICUL 2'	EACH	12.000				
C2011936	S-VIBURN DEN R S 3'	EACH	63.000				
D2003172	E-PSUEDO MENZI 6'	EACH	2.000				
D2003972	E-TSUGA CANAD 6'	EACH	6.000				
E20020G6	V-C RADICANS 1G	EACH	21.000				
E20200G1	V-PARTHEN QUINQ 1G	EACH	105.000				
K0029000	PERENNIAL PLANTS WD-T	UNIT	7.360				

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K0030320	PERENNIAL PLANT CROCS	UNIT	2.000				
K0030421	PERENNIAL PLANT NARCS	UNIT	2.000				
XX004603	CONCRETE SLAB	SQ YD	60.000				
XX005060	PREFAB VER WICK DRAIN	FOOT	191,700.000				
X0301407	PERENNIAL PLT-GAL POT	UNIT	6.380				
X0301835	MAN TA 7D T1FCL R-PLT	EACH	1.000				
X0322033	STORM SEW WM REQ 12	FOOT	925.000				
X0322034	STORM SEW WM REQ 15	FOOT	335.000				
X0322035	STORM SEW WM REQ 18	FOOT	240.000				
X0322089	STORM SEW WM REQ 36	FOOT	77.000				
X0322256	TEMP INFO SIGNING	SQ FT	146.000				
X0322642	STORM SEW WM REQ 54	FOOT	272.000				
X0322859	WEED CONTR PRE-EM GRN	POUND	266.000				
X0323670	PREFORM DETECT LOOP	FOOT	152.000				
X0323988	TEMP SOIL RETEN SYSTM	SQ FT	416.000				

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X0325547	WET PAVMT TAPE T3 24	FOOT	184.000				
X0325751	DRIVE SOLDIER PILES	FOOT	1,011.000				
X0326679	TEMP STRM SEW PLUG 36	EACH	1.000				
X0326680	REM & RE-ERCT W GRDRL	FOOT	83.000				
X0326681	REM & RE ERCT BOULDER	L SUM	1.000				
X0545000	BOX CULVERT REMOV	FOOT	59.000				
X0712400	TEMP PAVEMENT	SQ YD	3,119.000				
X4022000	TEMP ACCESS- COM ENT	EACH	1.000				
X4023000	TEMP ACCESS- ROAD	EACH	3.000				
X6700410	ENGR FLD OFF A SPL	CAL MO	14.000				
X7030104	WET TEM PM TAPE T3 4	FOOT	42,420.000				
X7030106	WET TEM PM TAPE T3 6	FOOT	1,875.000				
X7030112	WET TEM PM TAPE T3 12	FOOT	942.000				
X7030120	WET TEM PM TAP T3 L&S	SQ FT	608.000				
Z0001050	AGG SUBGRADE 12	SQ YD	10,080.000				

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Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0030030	IMP ATTEN FRD NAR TL3	EACH	1.000				
Z0030260	IMP ATTN TEMP FRN TL3	EACH	2.000				
Z0030330	IMP ATTN REL FRD TL3	EACH	2.000				
Z0064800	SELECTIVE CLEARING	UNIT	32.000				
Z0076600	TRAINEES	HOUR	500.000		0.800		400.000
20100110	TREE REMOV 6-15	UNIT	125.000				
20100500	TREE REMOV ACRES	ACRE	2.000				
20101000	TEMPORARY FENCE	FOOT	538.000				
20101200	TREE ROOT PRUNING	EACH	33.000				
20101300	TREE PRUN 1-10	EACH	5.000				
20101350	TREE PRUN OVER 10	EACH	5.000				
20200100	EARTH EXCAVATION	CU YD	2,498.000				
20201200	REM & DISP UNS MATL	CU YD	2,303.000				
20400800	FURNISHED EXCAV	CU YD	11,206.000				

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20600200	GRAN EMBANK SPEC	CU YD	117.000				
20700400	POROUS GRAN EMB SPEC	CU YD	237.000				
20800150	TRENCH BACKFILL	CU YD	659.000				
21001000	GEOTECH FAB F/GR STAB	SQ YD	700.000				
21101615	TOPSOIL F & P 4	SQ YD	11,852.000				
25000210	SEEDING CL 2A	ACRE	2.000				
25000310	SEEDING CL 4	ACRE	0.400				
25000400	NITROGEN FERT NUTR	POUND	95.000				
25000500	PHOSPHORUS FERT NUTR	POUND	95.000				
25000600	POTASSIUM FERT NUTR	POUND	95.000				
25000750	MOWING	ACRE	0.400				
25100630	EROSION CONTR BLANKET	SQ YD	10,512.000				
25200110	SODDING SALT TOLERANT	SQ YD	1,704.000				
25200200	SUPPLE WATERING	UNIT	220.000				
25300600	TRANSP SALV TREES	EACH	2.000				

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28000250	TEMP EROS CONTR SEED	POUND	233.000				
28000300	TEMP DITCH CHECKS	EACH	15.000				
28000400	PERIMETER EROS BAR	FOOT	3,372.000				
28000500	INLET & PIPE PROTECT	EACH	1.000				
28000510	INLET FILTERS	EACH	30.000				
28100107	STONE RIPRAP CL A4	SQ YD	784.000				
28200200	FILTER FABRIC	SQ YD	839.000				
35501316	HMA BASE CSE 8	SQ YD	817.000				
40200800	AGG SURF CSE B	TON	79.000				
40600200	BIT MATLS PR CT	TON	2.000				
40600300	AGG PR CT	TON	3.000				
40600635	LEV BIND MM N70	TON	66.000				
40600895	CONSTRUC TEST STRIP	EACH	2.000				
40600982	HMA SURF REM BUTT JT	SQ YD	76.000				
40601005	HMA REPL OVER PATCH	TON	7.000				

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40603310	HMA SC "C" N50	TON	141.000				
40603595	P HMA SC "F" N90	TON	115.000				
42000501	PCC PVT 10 JOINTED	SQ YD	8,870.000				
42001300	PROTECTIVE COAT	SQ YD	19,536.000				
42001400	BR APPROACH PAVT SPL	SQ YD	468.000				
42400200	PC CONC SIDEWALK 5	SQ FT	680.000				
42400800	DETECTABLE WARNINGS	SQ FT	50.000				
44000100	PAVEMENT REM	SQ YD	8,417.000				
44000160	HMA SURF REM 2 3/4	SQ YD	919.000				
44000200	DRIVE PAVEMENT REM	SQ YD	677.000				
44000500	COMB CURB GUTTER REM	FOOT	797.000				
44000600	SIDEWALK REM	SQ FT	667.000				
44002212	HMA RM OV PATCH 3	SQ YD	37.000				
44201807	CL D PATCH T3 13	SQ YD	28.000				
48203029	HMA SHOULDERS 8	SQ YD	443.000				

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50100100	REM EXIST STRUCT	EACH	1.000				
50105220	PIPE CULVERT REMOV	FOOT	205.000				
50200100	STRUCTURE EXCAVATION	CU YD	473.000				
50300100	FLOOR DRAINS	EACH	4.000				
50300225	CONC STRUCT	CU YD	182.700				
50300255	CONC SUP-STR	CU YD	209.900				
50300260	BR DECK GROOVING	SQ YD	429.000				
50300285	FORM LINER TEX SURF	SQ FT	1,542.000				
50300300	PROTECTIVE COAT	SQ YD	763.000				
50500105	F & E STRUCT STEEL	L SUM	1.000				
50500505	STUD SHEAR CONNECTORS	EACH	3,553.000				
50700209	UNTREATED TIMBER LAG	SQ FT	1,857.000				
** 50800205	REINF BARS, EPOXY CTD	POUND	60,060.000				
50800515	BAR SPLICERS	EACH	395.000				
50900105	ALUM RAILING TY L	FOOT	99.000				

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51201600	FUR STL PILE HP12X53	FOOT	1,768.000				
51202210	FUR SOLDIER PILES HP	FOOT	1,011.000				
51202305	DRIVING PILES	FOOT	1,768.000				
51203600	TEST PILE ST HP12X53	EACH	1.000				
51204650	PILE SHOES	EACH	28.000				
51500100	NAME PLATES	EACH	2.000				
52100520	ANCHOR BOLTS 1	EACH	44.000				
54001000	BOX CUL END SECT	EACH	2.000				
54010403	PCBC 4X3	FOOT	94.000				
54200430	P CUL 1 RCCP 15	FOOT	47.000				
54201270	P CUL 2 RCCP 15	FOOT	104.000				
5421C012	P CUL CL C 1 12 TEMP	FOOT	34.000				
54213660	PRC FLAR END SEC 15	EACH	7.000				
54213669	PRC FLAR END SEC 24	EACH	1.000				
54213681	PRC FLAR END SEC 36	EACH	1.000				

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54215415	CIP RC END SEC 15	EACH	1.000				
54247170	GRATING-C FL END S 36	EACH	1.000				
55019500	SS 1 RCP CL 4 12	FOOT	288.000				
55019600	SS 1 RCP CL 4 15	FOOT	188.000				
55019700	SS 1 RCP CL 4 18	FOOT	210.000				
55019900	SS 1 RCP CL 4 24	FOOT	172.000				
55020300	SS 1 RCP CL 3 36	FOOT	284.000				
55021600	SS 2 RCP CL 3 12	FOOT	770.000				
55021700	SS 2 RCP CL 3 15	FOOT	147.000				
55021800	SS 2 RCP CL 3 18	FOOT	180.000				
55022700	SS 2 RCP CL 3 54	FOOT	272.000				
56106820	ADJ WATER MAIN 24	FOOT	48.000				
59100100	GEOCOMPOSITE WALL DR	SQ YD	335.000				
60100060	CONC HDWL FOR P DRAIN	EACH	4.000				
60107600	PIPE UNDERDRAINS 4	FOOT	2,148.000				

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60109580	P UNDR FOR STRUCT 4	FOOT	446.000				
60201340	CB TA 4 DIA T24F&G	EACH	26.000				
60207605	CB TC T8G	EACH	1.000				
60208240	CB TC T24F&G	EACH	10.000				
60221100	MAN TA 5 DIA T1F CL	EACH	13.000				
60224446	MAN TA 7 DIA T1F CL	EACH	2.000				
60237470	INLETS TA T24F&G	EACH	4.000				
60600095	CLASS SI CONC OUTLET	CU YD	2.500				
60605000	COMB CC&G TB6.24	FOOT	2,960.000				
60801012	FLAP GATE 12	EACH	1.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	425.000				
63100045	TRAF BAR TERM T2	EACH	2.000				
63100085	TRAF BAR TERM T6	EACH	1.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	3.000				
63200310	GUARDRAIL REMOV	FOOT	764.000				

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66400525	CH LK FENCE 4 ATT STR	FOOT	210.000				
66900200	NON SPL WASTE DISPOSL	CU YD	940.000				
66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
66900530	SOIL DISPOSAL ANALY	EACH	4.000				
67000600	ENGR FIELD LAB	CAL MO	14.000				
67100100	MOBILIZATION	L SUM	1.000				
70101800	TRAF CONT & PROT SPL	L SUM	1.000				
70103815	TR CONT SURVEILLANCE	CAL DA	171.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	2.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	16,250.000				
70400100	TEMP CONC BARRIER	FOOT	120.000				
70400200	REL TEMP CONC BARRIER	FOOT	120.000				
70500100	TEMP SPBGR TY A	FOOT	50.000				
70500615	TEMP TR BAR TERM T1	EACH	2.000				
78000100	THPL PVT MK LTR & SYM	SQ FT	146.000				

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78000200	THPL PVT MK LINE 4	FOOT	12,235.000				
78000400	THPL PVT MK LINE 6	FOOT	752.000				
78000600	THPL PVT MK LINE 12	FOOT	177.000				
78000650	THPL PVT MK LINE 24	FOOT	101.000				
78005100	EPOXY PVT MK LTR-SYM	SQ FT	208.000				
78005110	EPOXY PVT MK LINE 4	FOOT	6,821.000				
78005130	EPOXY PVT MK LINE 6	FOOT	2,927.000				
78005150	EPOXY PVT MK LINE 12	FOOT	1,317.000				
78100100	RAISED REFL PAVT MKR	EACH	115.000				
78100105	RAISED REF PVT MKR BR	EACH	4.000				
78200410	GUARDRAIL MKR TYPE A	EACH	8.000				
78201000	TERMINAL MARKER - DA	EACH	3.000				
78300100	PAVT MARKING REMOVAL	SQ FT	4,938.000				
81000600	CON T 2 GALVS	FOOT	262.000				
81001000	CON T 4 GALVS	FOOT	27.000				

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81018900	CON P 4 GALVS	FOOT	126.000				
81400100	HANDHOLE	EACH	3.000				
81400200	HD HANDHOLE	EACH	1.000				
81900200	TR & BKFIL F ELECT WK	FOOT	348.000				
88600100	DET LOOP T1	FOOT	217.000				
89000100	TEMP TR SIG INSTALL	EACH	2.000				
89502375	REMOV EX TS EQUIP	EACH	1.000				
89502380	REMOV EX HANDHOLE	EACH	3.000				

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STATUS OF UTILITIES TO BE ADJUSTED

Effective: January 30, 1987

Revised: July 1, 1994

Utility companies involved in this project have provided the following estimated dates:

Name of Utility	Type	Location	Estimated Dates for Start and Completion of Relocation or Adjustments
Nicor	4" Gas Main 12" Gas Main	Sta. 156+00 to Sta. 171+00 (44' RT) Sta. 168+10 (80' LT to 45' RT)	Prior to start of construction
AT&T	Telephone Cable	Sta. 165+50 to Sta. 171+00 (55-60' RT) Sta. 168+50 to Sta. 170+00 (50' RT) Sta. 170+20 (50' LT to 50' RT)	Prior to start of construction
Cable TV Comcast	Cable	Sta. 168+61 to Sta. 171+00 (48' RT) Sta. 170+02 to Sta. 170+03 (53' RT to 49' LT)	Prior to start of construction
DuPage Water Commission	24" DIP Water Main	Sta. 156+00 to Sta. 171+00 (20' RT to 30' RT)	To remain in place. Contractor to use extreme caution.
DuPage County Public Works	Sanitary	West side of IL Rte 53	Prior to start of Construction-to remain in place. Contractor to use extreme caution
Village of Itasca (water, sanitary)	<u>Water</u>	Sta. 164+50 (50' LT to 50' RT)	Contractor to use extreme caution. By (Other) Village. During construction Contractor to use extreme caution
	<u>Fire Hydrants</u>	Sta. 158+90 and Sta. 162+50 RT	
	<u>Sanitary (Force Main)</u>	East and West side of IL Rte 53	
ComEd	Power Cable	Sta. 156+00 to Sta. 169+00 (40' RT to 45' RT) Sta. 170+25 (50' LT to 50' RT) <u>Power Poles (2)</u> Sta. 162+60 (45' RT) Sta. 164+05 (50' RT)	Prior to start of construction

The above represents the best information available to the Department and is included for the convenience of the bidder. The applicable portions of Articles 105.07 and 107.31 of the Standard Specifications shall apply.

Upon written notice from the Department, utilities have 90 days to relocate their facilities. The 90-day written notice will be sent out after the following occurs: 1) Right-of-way is clear for award. 2) Final plans have been sent out. 3) Utility permit received and the Department ready to issue permit. 4) If the permit has not been submitted, a 15 day letter notifying the utility company that they have 15 days to provide their permit application and the lapse of that time. Utilities may request a waiver in writing during the 90-day relocation period with a proposed schedule.

COMPLETION DATE PLUS WORKING DAYS

Effective: September 30, 1985

Revised: January 1, 2007

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

Revised 10/15/2009

"When a completion date plus working days is specified, the Contractor shall complete all contract items and safely open all roadways to traffic by 11:59 PM on, **June 25, 2011** except as specified herein.

The Contractor will be allowed to complete all clean-up work and punch list items within **10** working days after the completion date for opening the roadway to traffic. Under extenuating circumstances the Engineer may direct that certain items of work, not affecting the safe opening of the roadway to traffic, may be completed within the 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 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.

AGGREGATE SUBGRADE, 12" (300 MM)

Effective: May 1, 1990

Revised: August 1, 2008

This work shall be done in accordance with the applicable portions of Section 207 of the Standard Specifications. The material shall conform to Article 1004.05 of the Standard Specifications except as follows:

1. Crushed Stone, Crushed Blast Furnace Slag, and Crushed Concrete will be permitted. Steel slag and other expansive materials as determined through testing by the Department will not be permitted.

<u>Sieve Size</u>	<u>Percent Passing</u>
6 in. (150 mm)	97 ± 3
4 in. (100 mm)	90 ± 10
2 in. (50 mm)	45 ± 25
No. 200 (75 µm)	5 ± 5

2. Gravel* and Crushed Gravel

<u>Sieve Size</u>	<u>Percent Passing</u>
6 in. (150 mm)	97 ± 3
4 in. (100 mm)	90 ± 10
2 in. (50 mm)	55 ± 25
No. 4 (4.75 mm)	30 ± 20
No. 200 (75 µm)	5 ± 5

3. Crushed Concrete with Bituminous Materials**

<u>Sieve Size</u>	<u>Percent Passing</u>
6 in. (150 mm)	97 ± 3
4 in. (100 mm)	90 ± 10
2 in. (50 mm)	45 ± 25
No. 4 (4.75 mm)	20 ± 20
No. 200 (75 µm)	5 ± 5

Revised 10/15/2009

PROGRESS SCHEDULE

Description. This work shall consist of preparing, revising and updating a detailed progress schedule based upon the Critical Path Method (CPM). This work shall also consist of performing time impact analysis of the progress schedule based upon the various revisions and updates as they occur.

Requirements. The software shall be Primavera SureTrak 3.0 Project Manager, published by Primavera Systems, Inc.

Format. The electronic schedule format shall contain the following:

- a. Project Name: (Optional)
- b. Template: Construction.
- c. Type: SureTrak: Native file format for stand-alone contracts.
- d. Planning Unit: Days (calendar working).
- e. Number/Version: Original or updated number.
- f. Start Date: Not later than ten days after execution of the contract.
- g. Must Finish Date: Completion date for completion date contracts.
- h. Project Title: Contract number.
- i. Company Name: Contractor's name.

Calendars.

- a. Completion Date Contracts. The base calendar shall show the proposed working days of the week and the proposed number of work hours per day.
- b. Working Days Contracts. The base calendar shall show the distribution of working days according to the following table:

MONTH	WORKING DAYS
MAY	15
JUNE	17
JULY	17
AUGUST	17
SEPTEMBER	16
OCTOBER	16
NOVEMBER	14

The number of days shown above shall not be exceeded. The proposed number of hours to be worked per day shall also be shown. No work shall be shown during the period of December 1 and April 30.

Schedule Development. The detailed schedule shall incorporate the entire contract time. The minimum number of activities shown on the schedule shall represent the work incorporating the pay items whose aggregate contract value constitutes 80 percent of the total contract value. These pay items shall be determined by starting with the pay item with the largest individual contract value and adding subsequent pay item contract values in descending order until 80 percent of the contract value has been attained.

Added 10/15/2009

Any additional activities required to complete the contract beyond 95 percent and any additional activities required to maintain the continuity of the schedule logic shall also be shown.

The schedule shall be limited exclusively to Finish-to-Start (FS) relationships with no lead or lag duration between schedule activities. Start-to-Start (SS), Start-to-Finish (SF) or Finish-to-Finish (FF) relationships will not be allowed. Activity constraints shall not be used without the approval of the Engineer.

The following shall be depicted in the schedule for each activity:

- a. Activity Identification (ID) Numbers. The Contract shall utilize numerical designations to identify each activity. Numbering of activities shall be in increments of not less than ten digits.
- b. A description of the work represented by the activity (maximum forty-five characters). The use of descriptions referring to a percentage of a multi-element item (i.e., construct deck 50%) shall not be used. Separate activities shall be included to represent different elements of multi-element items (i.e., forms, reinforcing, concrete, etc.). Multiple activities with the same work description shall include a location as part of the description.
- c. Proposed activity duration shall be shown in whole days. The Contractor shall provide production rates to justify the activity duration. Schedule duration shall be contiguous and not interruptible.

The schedule shall indicate the sequence and interdependence of activities required for the prosecution of the work. The schedule logic shall not be violated.

Activities should be broken down such that each activity encompasses a single operation or tightly-integrated operations in a single, contiguous and continuous area of the project, with no activity exceeding \$200,000 without the consent of the Engineer.

Total Float shall be calculated as finish float. The schedule shall be calculated using retained logic. The Contractor shall not sequester float by calendar manipulations or extended duration. Float is not for the exclusive use or benefit of either the Department or the Contractor.

Tabular Reports.

- a. The following tabular reports will be required with each schedule submission:
 1. Classic Gantt
 2. Pert with Time Scale
- b. The heading of each tabular report shall include, but not be limited to, the project name, contract number, Contractor name, report date, data date, report title and page number.
- c. Each of the tabular reports shall also contain the following minimum information for each activity.

Added 10/15/2009

1. Activity ID
 2. Activity Description
 3. Original Duration (calendar day/working day)
 4. Remaining Duration (calendar day/working day)
 5. Activity Description
 6. Early Start Date
 7. Late Start Date
 8. Early Finish Date
 9. Late Finish Date
 10. Percent Complete
 11. Total Float
 12. Calendar ID
 13. Work performed by DBE Subcontractors and Trainees shall be shown in the Gantt Report.
- d. Reports shall be printed in color on 8.5 in. x 14 in. (minimum) size sheets. The Classic Gantt shall show all columns, bars, column headings at the top, time scale at the top and shall show relationships.

Submission Requirements. The initial schedule shall be submitted prior to starting work but no later than five calendar days after execution of the contract. Updated schedules shall be submitted according to Article 108.02 except that as a minimum, updated schedules will be required at the 25, 50, and 75 percent completion points of the contract.

Updating.

- a. The Contractor shall not make any changes to the original duration, activity relationships, constraints, costs, add or delete activities, or alter the schedule's logic when updating the schedule.
- b. The originally approved baseline CPM schedule will be designated as the "Target Schedule" and shall only be changed based on a Change Order that extends the Contract duration. All updates will be plotted against the "Target Schedule." If the Contractor believes any such changes result in an overall increase in the contract time, the Contractor will immediately submit a request for extension of time along with the changed progress schedule and a detailed justification for the time extension request in accordance with Article 108.08.
- c. The updated information will include the original schedule detail and the following additional information:
 1. Actual start dates
 2. Actual finish dates
 3. Activity percent completion
 4. Remaining duration of activities in progress
 5. Identified or highlighted critical activities

Added 10/15/2009

- d. The Contractor shall submit scheduling documents in the same formats and number as indicated in this section.
- e. The Engineer shall withhold progress payments if the Contractor does not submit scheduled updates as required.
- f. Upon receipt of the CPM schedule update, the Engineer will review the schedule for conformance with the Contract Documents and degree of detail. The Engineer, within fourteen (14) Days after receipt of the Updated CPM Schedule and supporting documents, will approve or reject it with written comments. If the Updated CPM schedule is rejected, the Contractor must submit a Revised Updated CPM Schedule within seven (7) Days after the date of rejection.
- g. The updated progress schedule must accurately represent the Project's current status.

Contractor Changes to the Schedule.

The Contractor shall comply with the following requirements regarding proposed changes to the approved baseline CPM schedule:

- a. If the Contractor proposes to make any changes in the approved baseline CPM schedule, the Contractor shall notify the Engineer in writing, stating the reasons for the change, identifying each changed activity (including duration and interrelationships between activities) and providing a diskette of the proposed changed schedule. Every effort must be made by the Contractor to retain the original Activity ID numbers.
- b. The Engineer has the authority to approve or disapprove the proposed change in the baseline CPM schedule and shall do so in writing within ten (10) Days after receipt to the Contractor's submission. If the Engineer approves the change in the baseline. All monthly updates will be plotted against the new "Target Schedule".
- c. If the Engineer approves a portion of the change to the baseline CPM schedule, the Contractor shall submit a revised CPM schedule incorporating such change(s) within ten (10) Days after approval along with a written description of the change(s) to the schedule.

Recovery Schedule.

- a. The Contractor shall maintain an adequate work force and the necessary materials, supplies and equipment to meet the current approved baseline CPM schedule. In the event that the Contractor, in the judgment of the Engineer, is failing to meet the approved CPM schedule including any Contract milestones, the Contractor shall submit a recovery schedule.

Added 10/15/2009

- b. The recovery schedule shall set forth a plan to eliminate the schedule slippage (negative float). The plan must be specific to show the methods to achieve the recovery of time, i.e. increasing manpower, working overtime, weekend work, employing multiple shifts. All costs associated with implementing the recovery schedule shall be borne by the Contractor.
- c. Upon receipt of the CPM recovery schedule, the Engineer will review the schedule for conformance with the Contract Documents and degree of detail. The Engineer will approve the schedule or reject it with written comments within fourteen (14) Days of receipt of the recovery schedule and supporting documents. If the detailed CPM recovery schedule is rejected, the Contractor must submit a revised CPM recovery schedule within seven (7) Days of the date of rejection.

Revised Schedule.

- a. The Engineer may direct the Contractor to revise the approved CPM schedule. Reasons for such direction may include, but are limited to, the following: (1) changes in the Work, (2) re-phasing of the Project or any phase, (3) a change in the duration of the Project or phase, and (4) acceleration of the Project or phase.
- b. The Engineer will direct the Contractor to provide a revised CPM schedule in writing.
- c. The Contractor will provide the revised CPM schedule within ten (10) Days of receipt of the Engineer's written direction.
- d. The Engineer has the authority, in its sole discretion, to approve or reject the revised CPM schedule and will do so in writing within ten (10) Days after receipt of the Contractor's submission. If the Engineer approves the revised schedule, such schedule will be designated the new "Target Schedule".

The schedule shall be submitted in the Sorted by Activity Layout (SORT4). The activities on the schedule shall be plotted using early start, late start, early finish, late finish and total finish.

For every schedule submission, the Contractor shall submit to the Engineer, four Windows XP compatible compact disks of all schedule data. Included on the disks shall be all of the tabular and graphic reports, network diagrams and bar chart data. Two copies shall be submitted on CD/R disks and two copies shall be submitted on CDD/RW disks. In addition, four plots of the CD/R disks will be approved initial or revised progress schedule for the contract. The approval will be documented by the Engineer on a corresponding plot of the schedule and returned to the Contractor.

Four copies of each schedule submission shall be printed in color on 8.5 in. x 14 in. (minimum) size sheets showing all columns, bars, column headings at the top, time scale at the top and showing relationships.

The schedule shall indicate the critical path to contract completion. Only one controlling item shall be designated at any point in time on the schedule.

Acceptance or approval of any progress schedule by the Engineer shall not be construed to imply approval of any particular method of construction, sequence of construction, any implied or stated rate of production.

Added 10/15/2009

Acceptance will not act as a waiver of the obligation of the Contractor to complete the work in accordance with the contract proposal, plans and specifications, modify any rights or obligations of the Department as set forth in the contract, nor imply any obligation of a third party. Acceptance shall not be construed to modify or amend the contract or the time limit(s) therein. Acceptance shall not relieve the Contractor of the responsibility for the accuracy of any of the information included on the schedule. Failure of the Contractor to include in the schedule any element of work required for the performance of the contract, any sequence of work required by the contract, or any known or anticipated condition affecting the work shall not excuse the Contractor from completing all work required within the time limit(s) specified in the contract notwithstanding acceptance of the schedule by the Engineer.

Basis of Payment. This work will not be paid for separately, but shall be considered as included in the costs of the various items of work in the contract.

ADVANCED PUBLIC NOTIFICATION

This work shall consist of furnishing, installing, maintaining, relocating for various stages of construction and eventually removing the advanced signing.

The Contractor shall provide notice to the public a minimum of 14 day in advance of any work that requires the closure of lanes and/or change in traffic patterns through the use of a changeable message sign or temporary information signing.

Method of Measurement. Temporary information signs will be measured for payment in place and the surface area of the front of the sign computed in square feet. The surface area is determined by calculating the area of the smallest rectangle, measured from edge-to-edge (horizontally and vertically), that will circumscribe an individual sign.

Basis of Payment. This work will be paid for at the contract unit price per calendar month for each sign for CHANGEABLE MESSAGE SIGN or at the contract unit price per square foot TEMPORARY INFORMATION SIGNING.

Added 10/15/2009

STORM WATER POLLUTION PREVENTION PLAN



Storm Water Pollution Prevention Plan

Route	<u>FAP 2587</u>	Marked Rt.	<u>Illinois Route 53 (Rowhling Road) over Spring Brook Creek</u>
Section	<u>532B-1</u>	Project No.	<u>C-91-069-05</u>
County	<u>DuPage</u>	Contract No.	<u>62881</u>

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency for storm water discharges from Construction Site Activities.

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 M. O'Keefe, P.E.
Print Name
Deputy Director of Highways, Region One Engineer
Title
Illinois Department of Transportation - District One
Agency

Diane M. O'Keefe
Signature *DK*
AUGUST 20, 2009
Date

I. Site Description:

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

Illinois Route 53 from approximately 750' north of West Bloomingdale Road to Spring Lake Drive/Medinah Drive. It includes bridge replacement over Spring Brook Creek, and roadway reconstruction. Total project length is approximately 0.28 miles and is located in the Village of Itasca. The proposed improvements will consist of the removal and replacement of the existing Structure #022-0074 (proposed Structure #022-0189), which carries Illinois Route 53 over Spring Brook Creek.

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

The proposed improvements will include widening and reconstructing Illinois Route 53, constructing a new 4'x3' box culvert, combination concrete curb and gutter, traffic signal modernization at the intersection of Illinois Route 53 and Spring Lake Drive/Medinah Drive, the addition of a closed drainage system, landscaping and erosion control, and all incidental and collateral work necessary to complete the improvement as shown on the plans.

Structural work to be performed under this contract consists of removal of the existing structure, structure excavation and embankment, construction of a retaining wall, and construction of a new bridge.

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:

Erosion Control Items are considered to be high priority items on this contract. All erosion control measures shall be installed prior to beginning any construction activities which will potentially create erodible conditions.

The contractor will be required to implement and maintain sediment control measures prior to stripping existing vegetation. Temporary Seeding shall be provided per substage as soon as rough grading is completed in a section. No sediment shall be allowed to flow downstream at any time. The east side of IL Route 53 will be constructed in Stage 1 and the west side of IL Route 53 will be constructed in Stage 2.

Stage 1

- Temporary Erosion Control measures
- Final Grading
- Permanent Seeding
- Landscaping

Stage 2

- Temporary Erosion Control measures
- Final Grading
- Permanent Seeding
- Landscaping

Stage 1 final grading, permanent seeding, and landscaping should be done prior to the beginning of Stage 2.

- D. The total area of the construction site is estimated to be 9 acres.

The total area of the site that is estimated will be disturbed by excavation, grading or other activities is 6 acres.

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

$$2.58 \text{ acres impervious area } (0.9) + 2.75 \text{ acres pervious area } (0.3) = \mathbf{0.59}$$

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

$$1.34 \text{ acres impervious area } (0.9) + 3.55 \text{ acres pervious area } (0.3) + 0.37 \text{ acres gravel area } (0.6) = \mathbf{0.47}$$

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

The subgrade was graded "poor" with an IBR value of 2.0. The most predominant soils in the area according to the USDA Soil Survey are Sawmill silty clay loam and Ozaukee silt loam. Because of this soft soil, wick drains are being used to decrease the settlement time associated with constructing the proposed roadway on these soft soils. Slope stability analyses performed indicated stable slopes but special considerations will be made to prevent erosion regardless.

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

In general, erosion control will be critical for this project, but special attention should be given at Spring Brook Creek to ensure no sediment goes downstream into the Waters of the U.S. and construction adjacent to existing wetlands.

- 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):

Grading along both sides of the new proposed roadway, removal of the existing culvert at approximate Sta. 159+60, and removal of the existing piers in Spring Brook Creek. Grading will occur after clearing to reconstruct the bridge approaches and abutments. Erosion control measures will be installed prior to the commencement of grading. Before grading operations begin, all inlets will be protected with appropriate measures to prevent sediment migration into wetlands or swales (e.g., filter fabric undergrates, silt fence or equivalent, inlets, etc).

- 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.

This project has three wetland impacts with mitigation required. Wetland #5 (forested) and Wetland #11 (wet shrub) have .15 and .08 acres of impact respectively. Waters of the U.S. #6 consists of a portion of Spring Brook Creek and contains .05 acres of impact. Total mitigation required for this project is .56 acres.

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

- | | |
|---|---|
| <input checked="" type="checkbox"/> Soil Sediment | <input 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 checked="" type="checkbox"/> Waste water from cleaning construction equipment |
| <input checked="" 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 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 7 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 14 or more calendar days.

- a. Where the initiation of stabilization measures by the 7th 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 checked="" 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 checked="" type="checkbox"/> Geotextiles |
| <input checked="" type="checkbox"/> Temporary Erosion Control Seeding | <input checked="" type="checkbox"/> Other (specify) Inlet Filters |
| <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) |

Description of Stabilization Practices listed above will be utilized:

Stabilization practices will include temporary seeding, permanent seeding, erosion control blankets, protection of trees, and sod placement.

- All disturbed soils within the construction zone will be permanently stabilized with sodding or with Permanent Class 2A Seeding and Erosion Control Blanket as soon as the area has final grade.
- Temporary Erosion Control Seeding will be applied to all bare areas every seven days to minimize the amount of exposed surface area.
- Areas of existing vegetation outside the proposed construction and trees within the proposed construction that are to remain shall be protected from disturbance and accidental intrusions of construction equipment and personnel with temporary fence prior to the commencement of construction activities.
- Prior to construction, Ditch Checks will be installed at locations where water flows through the construction site. Perimeter silt fencing will be erected around the perimeter of the project. Silt fencing will also be erected prior to construction near the wetlands.

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 Checks | <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 type="checkbox"/> Other (specify) |
| <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:

1. Temporary Perimeter Erosion Barrier- A silt filter fence will be placed adjacent to the areas of construction to intercept waterborne silt and prevent it from leaving the site. These areas are marked on the erosion control plans that are attached to this plan.
 2. Temporary Ditch Checks- Rolled excelsior or urethane foam/geotextile ditch checks shall be used in swales where the runoff velocity is greater than 3 fps or as directed by the Engineer in order to prevent downstream erosion.
 3. Storm Drain Inlet Protection: inlet and pipe protection will be provided for storm sewers and culverts. Inlet Sediment Filters will be placed in all inlets, catch basins, and manholes during construction and will be cleaned on a regular basis.
 4. Riprap is used to protect against erosion at the inlet and outlets of the proposed culvert.
- 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.

Permanent measures for storm water management controls will be placed as soon as possible during construction.

- Runoff will be filtered through a series of swales that will line the main roadway. Proposed vegetation at all ditches will provide a buffering effect for run off contaminants. Swales should receive permanent seeding after the final grading and topsoil have been placed
- In turf areas where low maintenance seeding is required, native prairie grasses should be used in the final landscaping design. Planting prairie grasses and trees makes the soil more permeable to allow greater infiltration and less storm water runoff.
- As velocity warrants, all outlet structures will be protected with riprap.

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 solid 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 other provisions provided in this plan are in accordance with the IDOT Standard Specifications for Road and Bridge Construction adopted January 1, 2007, and the Illinois Urban Manual revised February 2002.

- o The Kane-DuPage Soil and Water Conservation District (KDSWCD) must be notified one week prior to the pre-construction conference, one week prior to the commencement of land disturbing activities, and one week prior to the final inspection.
- o A copy of the approved erosion and sediment control plan shall be maintained on the site at all times.

- o Prior to commencing land-disturbing activities in areas other than indicated on these plans (including but not limited to, additional phases of development and off-site borrow or waste areas) a supplementary erosion control plan shall be submitted to the owner for review by the KDSWCD.
- o The contractor is responsible for installation of any additional erosion control measures necessary to prevent erosion and sedimentation as determined by the KDSWCD.
- o During dewatering operations, water will be pumped into sediment basins or silt traps. Dewatering directly into field tiles or stormwater structures is prohibited.
- o Also, please add note to state that, "It is the responsibility of the landowner and/or general contractor to inform any sub-contractor(s) who may perform work on this project, of the requirements in implementing and maintaining these erosion control plans and the National Pollutant Discharge Elimination System (NPDES) permit requirements set forth by the Illinois EPA."

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.

All erosion and sediment control measures will be checked weekly and after each significant rainfall (0.5 inches or greater in a 24 hour period). The following items will be checked:

1. Seeding - all erodible bare earth areas will be temporarily seeded on a weekly basis to minimize the amount of erodible surface within the contract limits.
2. Perimeter Erosion Barrier - Sediment will be removed if the integrity of the fence is in jeopardy and any fencing knocked down will be replaced immediately.
3. Ditch Checks - Sediment will be removed if the integrity of the ditch check is in jeopardy. Any ditch check which fails will be repaired or replaced immediately.
4. Erosion Control/Mulching - Any areas which fail will be repaired immediately.

All maintenance of erosion control systems will be the responsibility of the contractor. All locations where vehicles enter or exit the construction site and all other areas subject to erosion should also be inspected periodically.

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 notify the appropriate IEPA Field Operations Section office by email at: epa.swnoncomp@illinois.gov, telephone or fax within 24 hours of the incident. The resident Engineer shall complete and submit an "Incidence of Noncompliance" (ION) report for the identified violation within 5 days of the incident. 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

The Resident Engineer is to make copies of this form and every contractor and sub-contractor will be required to complete their own separate form.

Route	<u>FAP 2578</u>	Marked Rt.	<u>Illinois Route 53</u>
Section	<u>532B-1</u>	Project No.	<u>C-91-069-05</u>
County	<u>DuPage</u>	Contract No.	<u>62881</u>

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

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.

In addition, 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

404 PERMIT



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
CHICAGO DISTRICT, CORPS OF ENGINEERS
111 NORTH CANAL STREET
CHICAGO, ILLINOIS 60606-7206

R E C E I V E D
OCT - 1 2009

DIST. ONE - DESIGN
HP10/02/09 & RS
SEP 21 2009

RS
10-2-09

Technical Services Division
Regulatory Branch
LRC-2008-637

SUBJECT: Proposal to Discharge Materials into Approximately 0.33 acres of Wetland for Widening and Reconstruction of Illinois Route 53 and Replacement of Box Culvert Carrying RT. 53 over Springbrook Creek Located in Itasca and Bloomingdale Township, Dupage County, Illinois

Diane O'Keefe
Deputy Director of Highways, Region One Engineer
Illinois Department of Transportation
201 West Center Court
Schaumburg, IL 60196

Dear Ms. O'Keefe:

This office has verified that your proposed activity complies with the terms and conditions of Regional Permit #3, and #7, and the overall RPP under Category II of the Regional Permit Program dated April 1, 2007. The activity may be performed without further authorization from this office provided the activity is conducted in compliance with the terms and conditions of the RPP. Enclosed is your copy of the executed RPP Permit authorization.

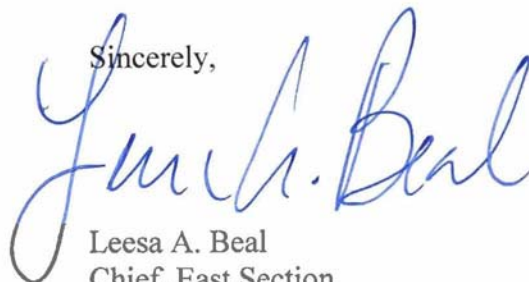
This verification expires three (3) years from the issuance date of this authorization.

This verification covers only your activity as described in your notification and as shown on plans titled, "" Proposed Highway Plans F.A.U. Route 2578 (Illinois Route 53) Over Spring Brook Creek Pavement Widening and Reconstruction and Bridge Replacement Section 532B-1", dated March 18, 2007, Prepared by Patrick Engineering. The activity may be completed without further authorization from this office provided the activity is conducted in compliance with the terms and conditions of the RPP, including conditions of water quality certification issued under Section 401 of the Clean Water Act by the Illinois Environmental Protection Agency (IEPA). If the design, location, or purpose of the project is changed, you should contact this office to determine the need for further authorization.

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Once you have completed the authorized activity, please sign and return the enclosed compliance certification. If you have any questions, please contact Kathy Chernich of my staff by telephone at (312) 846-5531, or email at kathy.g.chernich@usace.army.mil.

Sincerely,



Leesa A. Beal
Chief, East Section
Regulatory Branch

Enclosures

Copy Furnished (w/o authorization):

DuPage County DEC (Karen Laskowski)



**PERMIT COMPLIANCE
CERTIFICATION**

Permit Number: LRC-2008-637

Permittee: IDOT

Date of Issuance:
SEP 21 2009

I hereby certify that the work authorized by the above-referenced permit has been completed in accordance with the terms and conditions of said permit and if applicable, compensatory wetland mitigation was completed in accordance with the approved mitigation plan.¹

PERMITTEE

DATE

Upon completion of the activity authorized by this permit and any mitigation required by the permit, this certification must be signed and returned to the following address:

U.S. Army Corps of Engineers
Chicago District, Regulatory Branch
111 North Canal Street, 6th Floor
Chicago, Illinois 60606-7206

Please note that your permitted activity is subject to compliance inspections by Corps of Engineers representatives. If you fail to comply with this permit, you may be subject to permit suspension, modification, or revocation.

¹ If compensatory mitigation was required as part of your authorization, you are certifying that the mitigation area has been graded and planted in accordance with the approved plan. You are acknowledging that the maintenance and monitoring period will begin after a site inspection by a Corps of Engineers representative or after thirty days of the Corps' receipt of this certification. You agree to comply with all permit terms and conditions, including additional reporting requirements, for the duration of the maintenance and monitoring period.



REGIONAL PERMIT PROGRAM

AUTHORIZATION

PERMITTEE: IDOT

APPLICATION: LRC-2008-637

ISSUING OFFICE: U.S. Army Corps of Engineers, Chicago District

DATE: SEP 21 2009

You are hereby authorized to perform work in accordance with the terms and conditions specified below. This verification expires three (3) years from the date indicated above.

Note: The term "you" and its derivatives, as used in this authorization, means the permittee or any future transferee. The term "this office" refers to the U.S. Army Corps of Engineers, Chicago District.

PROJECT DESCRIPTION:: Discharge Materials into Approximately 0.33 acres of Wetland for Widening and Reconstruction of Illinois Route 53 and Replacement of Box Culvert Carrying RT. 53 over Springbrook Creek Located in Itasca and Bloomingdale Township, as described in your notification and as shown on the plans titled, " Proposed Highway Plans F.A.U. Route 2578 (Illinois Route 53) Over Spring Brook Creek Pavement Widening And Reconstruction And Bridge Replacement Section 532B-1", dated March 18, 2007, Prepared by Patrick Engineering.

PROJECT LOCATION: RT. 53 over Springbrook Creek Located in Itasca and Bloomingdale Township, Dupage County, Illinois, (NE Quarter of Sections 7,12,13,18, Township 40 North, Range 10 East)

GENERAL CONDITIONS: The above described work is authorized under the terms, conditions and requirements of Regional Permit #3 and #7 and shall follow the General Conditions outlined in the Regional Permit Program dated April 1, 2007.

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SPECIAL CONDITIONS: To ensure that the activity has minimal individual and cumulative impacts, the following special conditions are required:

1. This authorization is based on the materials submitted as part of application number LRC-2008-637. Failure to comply with the terms and conditions of this authorization may result in suspension and revocation of your authorization.
2. The time limit for completing the authorized work ends three years from date of issuance. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office at least two months before the above date is reached.
3. You shall undertake and complete the project as described in the plans titled, "Proposed Highway Plans F.A.U. Route 2578 (Illinois Route 53) Over Spring Brook Creek Pavement Widening And Reconstruction And Bridge Replacement Section 532B-1", dated March 18, 2007, Prepared by Patrick Engineering and, including all relevant documentation to the project plans as proposed.
4. To offset project impacts, approximately 0.7275 acres of mitigation credit shall be debited from the IDOT Towpath Off-site Wetland Mitigation Bank Credit spreadsheet.
5. You shall comply with the water quality certification issued under Section 401 of the Clean Water Act by the Illinois Environmental Protection Agency for the project.
6. This authorization is contingent upon implementing and maintaining soil erosion and sediment controls in a serviceable condition throughout the duration of the project. You shall comply with the project's soil erosion and sediment control (SESC) plans and the installation and maintenance requirements of the SESC practices on-site. You shall notify this office any changes or modifications to the approved plan set. Please be aware that field conditions during project construction may require the implementation of additional SESC measures for further protection of aquatic resources. If you fail to implement corrective measures, this office may require more frequent site inspections to ensure the installed SESC measures are acceptable. Please be aware that work authorized herein may not commence until you receive written notification from this office that your plans meet technical standards.

As part of the soil erosion and sediment control (SESC) process, you are required to retain a qualified Independent SESC Inspector (ISI) to review the project's SESC plans and provide a detailed narrative that explains the measures to be implemented at the project site. The ISI is also required to perform site inspections of the implemented SESC measures to ensure proper installation and regular maintenance of the approved methods.

The following requirements apply:

- a. Work authorized herein shall not commence until you have written approval from this office that your SESC plans meets technical standards. In addition, you shall contact this office prior to the preconstruction meeting so that a representative of this office may attend. The meeting agenda will include a discussion of the SESC plan and the installation and maintenance

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requirements of the SESC practices on the site.

b. You shall retain a qualified SESC inspector to perform periodic inspections of the implemented SESC measures to ensure proper installation and regular maintenance of the approved methods. The contact information for the Independent SESC Inspector (ISI) shall be submitted to this office via e-mail and/or hard copy prior to the Corps counter-signature on the permit and prior to commencement of the permitted work

c. Provide prior notification to a representative of this office and to the designated Independent SESC Inspector of the pre-construction meeting at least 10 calendar days in advance. The meeting shall be held to review the Corps approved SESC plans and if applicable, to discuss any necessary changes as required;

d. The SESC inspector shall submit digital photographs of the SESC measures to the Corps on a weekly basis during the active and non-active phases of construction that represent the existing conditions of the site. Photographs shall be submitted at the completion of the project once the SESC measures have been removed and the area has been restored to pre-construction conditions; and

e. You shall contact this office immediately in the event of non-compliance and/or failure and inadequacy of an existing SESC method. Upon direction of the Corps, corrective measure shall be instituted at the site to correct the problem along with additional SESC measures which may be needed to ensure further protection of the resource and/or to restore the impacted jurisdictional area(s).

7. Prior to commencement of work, you shall submit construction plans and a narrative of the contractor's preferred method of cofferdam. Work in the waterway shall not commence until this office notifies you, in writing, that the plans have been approved.

8. You are responsible for all work authorized herein and for ensuring that all contractors are aware of the terms and conditions of this authorization. A copy of this authorization must be present at the project site during all phases of construction.

9. You shall notify this office of any proposed modifications to the project, including revisions to any of the plans or documents cited in this authorization. You must receive approval from this office before work affected by the proposed modification is performed.

10. You shall ensure that any wetland areas created or preserved as mitigation for work authorized by this permit shall not be made subject to any future construction and/or fill activities, except for the purposes of enhancing or restoring the mitigation area associated with this permit. All plans are to be approved by this office prior to commencement of any work.

11. You shall notify this office prior to the transfer of this authorization and liabilities associated with compliance with its terms and conditions. The transferee must sign the authorization in the space provided and forward a copy of the authorization to this office.

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OTHER INFORMATION:

1. This office has authority to determine if an activity complies with the terms and conditions of the Regional Permit Program (RPP).

2. Limits of RPP authorization:

a. This authorization does not obviate the need to obtain other federal, state, or local authorizations required by law.

b. This authorization does not grant any property rights or exclusive privileges.

c. This authorization does not authorize any injury to the property or rights of others.

d. This authorization does not permit interference with any existing or proposed Federal project.

3. Limits of Federal Liability. The Federal Government does not assume any liability for the following:

a. Damages to the authorized project or uses thereof as a result of other authorized activities or from natural causes.

b. Damages to the authorized project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by this authorized activity.

d. Design or construction deficiencies associated with the authorized work.

e. Damage claims associated with any future modifications, suspension, or revocation of this authorization.

4. Reliance on Applicant's Data. The determination by the issuing office that this activity complies with the terms and conditions of the RPP was made in the reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this authorization at any time the circumstances warrant. In addition, this office may reevaluate the determination that the project qualifies under a RPP. Circumstances that could require a reevaluation include, but are not limited to, the following:

a. You fail to comply with the terms and conditions of this authorization.

b. The information provided by you in support of your application proves to have been false,

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incomplete or inaccurate (see 4 above).

c. Significant new information surfaces which was not considered in reaching the original interest decision.

Such a reevaluation may result in a determination that it is appropriate to suspend, modify or revoke your authorization.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this authorization.

Diane M. O'Keefe 8-19-09
PERMITTEE DATE
Diane O'Keefe
Deputy Director of Highways, Region One Engineer
Illinois Department of Transportation
201 West Center Court
Schaumburg, IL 60196

LRC-2008-637

Corps Authorization Number

This authorization becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

Vincent V. Quarles 9/21/09
For and on behalf of DATE
Vincent V. Quarles
Colonel, U.S. Army
District Commander

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If the structures or work authorized by this authorization are still in existence at the time the property is transferred, the terms and conditions of this authorization will continue to be binding on the new owner(s) of the property. To validate the transfer of this authorization, and the liabilities associated with compliance to its terms and conditions, the transferee shall sign and date below.

TRANSFEEEE

DATE

ADDRESS

TELEPHONE

