



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

April 15, 2013

SUBJECT: FAP Route 22 (IL 78)  
Project ACF-0022(081)  
Section 15RS-3  
Whiteside County  
Contract No. 64J30  
Item No. 65, April 26, 2013 Letting  
Addendum A

## NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Replaced the Schedule of Prices.
2. Revised the Table of Contents to the Special Provisions.
3. Added pages 71-73 to the Special Provisions.
4. Revised sheets 7, 17-20 & 25 of the Plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

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

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

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

cc: Paul Loete, Region 2, District 2; Dave Lippert; Mike Renner; Estimates

MS/ks

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT  
 NUMBER -

64J30

State Job # - C-92-029-13

County Name - WHITESIDE - -  
 Code - 195 - -  
 District - 2 - -  
 Section Number - 15RS-3

Project Number  
 ACF-0022/081/  
 \*REVISED: APRIL 10, 2013

Route  
 FAP 22

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X6330735	SPBGR ADJUST	FOOT	1,795.000				
*ADD X4060110	BIT MATLS PR CT	POUND	106,400.000				
Z0034105	MATL TRANSFER DEVICE	TON	13,114.000				
Z0040315	PILOT CAR	DAY	8.000				
20400800	FURNISHED EXCAVATION	CU YD	388.000				
21400100	GRADING & SHAP DITCH	FOOT	2,451.000				
25000210	SEEDING CL 2A	ACRE	2.000				
28001100	TEMP EROS CONTR BLANK	SQ YD	7,386.500				
28100705	STONE DUMP RIP CL A3	SQ YD	1,201.000				
28200200	FILTER FABRIC	SQ YD	465.000				
*DEL 40600200	<del>BIT MATLS PR CT</del>	<del>TON</del>	<del>53.200</del>				
40600300	AGG PR CT	TON	128.000				
40600525	LEV BIND HM N50	TON	28.000				
40600627	LB MM IL-9.5FG N50	TON	4,745.000				
40600895	CONSTRUC TEST STRIP	EACH	1.000				

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ACF-0022/081/

\*REVISED: APRIL 10, 2013

Route

FAP 22

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
40600982	HMA SURF REM BUTT JT	SQ YD	880.000				
40600985	PCC SURF REM BUTT JT	SQ YD	16.000				
40600990	TEMPORARY RAMP	SQ YD	102.000				
40601005	HMA REPL OVER PATCH	TON	34.000				
40603310	HMA SC "C" N50	TON	8,347.000				
40800050	INCIDENTAL HMA SURF	TON	1,221.000				
44000158	HMA SURF REM 2 1/4	SQ YD	16,871.000				
44002210	HMA RM OV PATCH 2 1/2	SQ YD	240.000				
48102100	AGG WEDGE SHLD TYPE B	TON	1,915.000				
63000001	SPBGR TY A 6FT POSTS	FOOT	150.000				
63000003	SPBGR TY A 9FT POSTS	FOOT	25.000				
63000025	SPBGR ATTACH TO STR	FOOT	50.000				
63100167	TR BAR TRM T1 SPL TAN	EACH	20.000				
63200310	GUARDRAIL REMOV	FOOT	3,436.000				
63301210	REM RE-E SPBGR TY A	FOOT	729.000				

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 FAP 22

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
63500105	DELINEATORS	EACH	20.000				
*REV 66700305	PERM SURV MKRS T2	EACH	5.000				
67000400	ENGR FIELD OFFICE A	CAL MO	4.000				
67100100	MOBILIZATION	L SUM	1.000				
70100450	TRAF CONT-PROT 701201	L SUM	1.000				
70100460	TRAF CONT-PROT 701306	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	6,834.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	1,138.800				
78000100	THPL PVT MK LTR & SYM	SQ FT	140.400				
78000200	THPL PVT MK LINE 4	FOOT	10,526.000				
78000500	THPL PVT MK LINE 8	FOOT	1,473.000				
78000600	THPL PVT MK LINE 12	FOOT	1,082.000				
78000650	THPL PVT MK LINE 24	FOOT	84.000				
78001110	PAINT PVT MK LINE 4	FOOT	182,959.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
78100100	RAISED REFL PAVT MKR	EACH	389.000				
78200410	GUARDRAIL MKR TYPE A	EACH	31.000				
78201000	TERMINAL MARKER - DA	EACH	20.000				
78300200	RAISED REF PVT MK REM	EACH	389.000				

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Revised 4-15-2013

**HOT-MIX ASPHALT – PRIME COAT (BMPR)**

Effective: February 19, 2013

Revise Note 1 of Article 406.02 of the Standard Specifications to read:

“Note 1. The bituminous material used for prime coat shall be one of the types listed in the following table.

When emulsified asphalts are used, any dilution with water shall be performed by the emulsion producer. The emulsified asphalt shall be thoroughly agitated within 24 hours of application and show no separation of water and emulsion.

Application	Bituminous Material Types
Prime Coat on Brick, Concrete, or HMA Bases	SS-1, SS-1h, SS-1hP, SS-1vh, CSS-1, CSS-1h, CSS-1hP, HFE-90, RC-70
Prime Coat on Aggregate Bases	MC-30, PEP”

Revise Article 406.05(b) of the Standard Specifications to read:

“(b) Prime Coat. The bituminous material shall be prepared according to Article 403.05 and applied according to Article 403.10. The use of RC-70 shall be limited to air temperatures less than 60 °F (15 °C).”

- (1) Brick, Concrete or HMA Bases. The base shall be cleaned of all dust, debris and any substance that will prevent the prime coat from adhering to the base. Cleaning shall be accomplished by sweeping and vacuuming or sweeping and air blasting methods, as approved by the Engineer. The base shall be free of standing water at the time of application. The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface as specified in the following table.

Type of Surface to be Primed	Residual Asphalt Rate lb/sq ft (kg/sq m)
Milled HMA, Aged Non-Milled HMA, Milled Concrete, Non-Milled Concrete & Tined Concrete	0.05
Fog Coat between HMA Lifts, IL-4.75 & Brick	0.025

The bituminous material for the prime coat shall be placed one lane at a time. The primed lane shall remain closed until the prime coat is fully cured and does not pickup under traffic. When placing prime coat through an intersection where it is not possible to keep the lane closed, the prime coat may be covered immediately following its application with fine aggregate mechanically spread at a uniform rate of 2 to 4 lb/sq yd (1 to 2 kg/sq m).

Added 4-15-13

- (2) Aggregate Bases. The prime coat shall be applied uniformly and at a rate that will provide a residual asphalt rate on the prepared surface of 0.25 lb/sq ft  $\pm$  0.01 (1.21 kg/sq m  $\pm$  0.05).

The prime coat shall be permitted to cure until the penetration has been approved by the Engineer, but at no time shall the curing period be less than 24 hours for MC-30 or four hours for PEP. Pools of prime occurring in the depressions shall be broomed or squeegeed over the surrounding surface the same day the prime coat is applied.

The base shall be primed 1/2 width at a time. The prime coat on the second half/width shall not be applied until the prime coat on the first half/width has cured so that it will not pick up under traffic.

The residual asphalt binder rate will be verified a minimum of once per type of surface to be primed as specified herein for which at least 2000 tons of HMA will be placed. The test will be according to the "Determination of Residual Asphalt in Prime and Tack Coat Materials" test procedure.

Prime coat shall be fully cured prior to placement of HMA to prevent pickup by haul trucks or paving equipment. If pickup occurs, paving shall cease in order to provide additional cure time.

Prime coat shall be placed no more than five days in advance of the placement of HMA. If after five days loss of prime coat is evident prior to covering with HMA, additional prime coat shall be placed as determined by the Engineer at no additional cost to the Department."

Revise the second paragraph of Article 406.13(b) of the Standard Specifications to read:

"Aggregate for covering prime coat will not be measured for payment."

Revise the first paragraph of Article 406.14 of the Standard Specifications to read:

"Prime Coat will be paid for at the contract unit price per pound (kilogram) of residual asphalt applied for BITUMINOUS MATERIALS (PRIME COAT), POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) or NON-TRACKING BITUMINOUS MATERIALS (PRIME COAT)."

Revise Article 1032.02 of the Standard Specifications to read:

**"1032.02 Measurement.** Asphalt binders, emulsified asphalts, rapid curing liquid asphalt, medium curing liquid asphalts, slow curing liquid asphalts, asphalt fillers, and road oils will be measured by weight.

A weight ticket for each truck load shall be furnished to the inspector. The truck shall be weighed at a location approved by the Engineer. The ticket shall show the weight of the empty truck (the truck being weighed each time before it is loaded), the weight of the loaded truck, and the net weight of the bituminous material.

Added 4-15-13

When emulsion is used, the proportions of emulsion and any water added to the emulsion shall be shown on the Bill of Lading.

Payment will not be made for bituminous materials in excess of 105 percent of the amount specified by the Engineer.”

Add the following to the table in article 1032.04 of the Standard Specifications:

“SS-1vh	160 - 180	70 – 80”
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Add the following to Article 1032.06 of the Standard Specifications:

“(g) Non Tracking Emulsified Asphalt SS-1vh:

Requirements for SS-1vh			
Test		SPEC	AASHTO Test Method
Saybolt Viscosity @ 25C,	SFS	20-200	T 72
Storage Stability, 24hr.,	%	1 max.	T 59
Residue by Evaporation,	%	50 min.	T 59
Sieve Test,	%	0.3 max.	T 59
Tests on Residue from Evaporation			
Penetration @25°C, 100g., 5 sec., dmm		20 max.	T 49
Softening Point,	°C	65 min.	T 53
Solubility,	%	97.5 min.	T 44
Orig. DSR @ 82°C,	kPa	1.00 min.	T 315”

Revise the last table of Article 1032.06 to read:

“Grade	Use
SS-1, SS-1h, CSS-1, CSS-1h, HFE-90, SS-1hP, CSS-1hP, SS-1vh	Prime or fog seal
PEP	Bituminous surface treatment prime
RS-2, HFE-90, HFE-150, HFE-300, CRSP, HFP, CRS-2, HFRS-2	Bituminous surface treatment
CSS-1h Latex Modified	Microsurfacing”

Added 4-15-13

# SUMMARY of QUANTITIES

FAP 22 (IL 78)  
SECTION 15R5-3  
WHITESIDE COUNTY  
CONTRACT #8430  
SHEET 7 OF 43

CODE NUMBER	PAY ITEMS	UNIT	0005
			80% FEDERAL 20% STATE TOTAL QUANTITY
20400800	FURNISHED EXCAVATION	CU YD	388
21400100	GRADING AND SHAPING DITCHES	FOOT	2451
25000210	SEEDING, CLASS 2A	ACRE	2
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	7386.5
28100705	STONE DUMPED RIPRAP, CLASS A3	SQ YD	1201
28200200	FILTER FABRIC	SQ YD	465
X4060110	BITUMINOUS MATERIALS (PRIME COAT)	POUND	106,400
40600300	AGGREGATE (PRIME COAT)	TON	128
40600525	LEVELING BINDER (HAND METHOD), N50	TON	28
40600627	LEVELING BINDER (MACHINE METHOD), IL-9,SFG, N50	TON	4,745
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	880
40600990	TEMPORARY RAMP	SQ YD	102
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	34
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	16
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	8,347
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	1,221
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	16,871
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	240
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,915
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	150
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	25
63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	50
63100167	TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL) TANGENT	EACH	20
63200310	GUARDRAIL REMOVAL	FOOT	3,436
63301210	REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL, TYPE A	FOOT	729
63500105	DELINEATORS	FOOT	20
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	5
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	6,834
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,138.8
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	140.4
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	10,526
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,473
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,082
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	84
78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	182,959
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	389
78200410	GUARDRAIL MARKERS, TYPE A	EACCH	31
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	20
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	389
X6330735	STEEL PLATE BEAM GUARDRAIL ADJUSTMENT	FOOT	1,795
20034105	MATERIAL TRANSFER DEVICE	TON	13,114
20040315	PILOT CAR	DAY	8

\* SPECIALTY ITEMS

△ Rev. 4-10-13



### SIDEROAD SCHEDULE

STATIONING	Direction	REMARKS	LENGTH FEET	WIDTH		AREA SQ YD	X4060110 BITUMINOUS MATERIALS (PRIME COAT) POUND	40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SQ YD	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING TON	44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" SQ YD	48102100 AGGREGATE WEDGE SHOULDER, TYPE B. TON
				@ EOP FEET	BACK FEET						
614+50	E	Side Road	39	73	23	204	117	63	31	0	2
622+74	E	IL 88	61	65	17	280	160	0	43	280	4
622+74	W	IL 88	80	74	20	420	240	0	65	420	5
636+84	E	IL 88	94	112	21	696	398	0	107	696	6
636+84	W	IL 88	98	168	22	1044	597	0	161	1044	6
652+50	E	Black Rd.	30	60	18	129	74	50	20	0	2
652+50	W	Black Rd.	54	91	20	336	192	56	52	0	4
705+49	W	Rock Rd.	24	67	29	157	90	81	24	0	2
757+91	E	Wayne Rd.	21	58	18	90	51	51	14	0	1
812+81	E	Bunker Hill Rd.	38	68	23	193	111	64	30	0	2
812+81	W	Bunker Hill Rd.	44	99	22	293	168	62	45	0	3
901+33	W	Meadowbrook Rd.	60	78	33	374	214	93	58	0	4
<b>TOTAL</b>							<b>2412</b>	<b>520</b>	<b>650</b>	<b>2440</b>	<b>41</b>

△

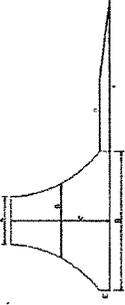
△ Rev. 4-10-13

# ENTRANCE SCHEDULE

STATIONING	DIR	REMARKS	ENTRANCE SCHEDULE										AREA SQ FT	AREA SQ YD	X4060110 BITUMINOUS MATERIALS (PRIME COAT) POUND	40600985 PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT TON	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING TON		
			A	B	C	D	E	F	G										
ENTRANCES			A	B	C	D	E	F	G										
613+46.0	L	PE HMA	10.0	29.0	46.0	13.00									897.00	99.67	57.01	0.00	15.35
643+99.0	L	PE/CE HMA	17.0	44.0	59.0	17.00									1799.50	199.94	114.37	0.00	30.79
645+14.0	L	CE HMA	25.0	52.0	52.0	26.00									2002.00	222.44	127.24	0.00	34.26
647+45.0	L	CE HMA	17.0	52.0	44.0	26.00									1518.00	168.67	96.48	0.00	25.97
652+48.0	R	PE HMA	12.0	48.0	20.0	27.00									600.00	66.67	38.13	0.00	10.27
656+53.0	L	PE HMA MB HMA	10.0	37.0	19.0	20.00	6	61	17						680.50	75.61	43.25	0.00	11.64
673+95.0	L	FE HMA MB HMA	9.0											27.13	3.01	1.72	0.00	0.46	
689+33.0	L	MB HMA	12.0											363.18	40.35	23.08	0.00	6.21	
713+36.0	L	PE HMA MB HMA	13.0	40.0	22.0	24.00	7	49	10						789.50	87.72	50.18	0.00	13.51
727+99.1	R	PE HMA	11.0	38.0	22.0	18.00									539.00	59.89	34.26	0.00	9.22
732+47.1	R	PE HMA	16.0	50.0	20.0	26.00									660.00	73.33	41.95	0.00	11.29
733+48.0	R	FE HMA/DRIVE IN	24.0	70.0	6.0										282.00	31.33	17.92	0.00	4.83
735+33.0	L	PE HMA MB HMA	24.0	55.0	19.0	43.00	6	36	10						888.50	98.72	56.47	0.00	15.20
751+78.9	R	PE HMA	16.0	54.0	22.0	26.00									770.00	85.56	48.94	0.00	13.18
752+73.0	L	PE HMA MB HMA	15.0											561.91	62.43	35.71	0.00	9.61	
778+55.0	L	PE HMA	12.0	50.0	24.0	24.00									744.00	82.67	47.29	0.00	12.73
778+97.0	R	MB HMA	25.0	119.0	5.0		1								360.00	40.00	22.88	0.00	6.16
778+55.0	L	PE HMA	12.0	50.0	24.0	24.00									744.00	82.67	47.29	0.00	12.73
783+36.0	L	PCC/CE	24.0	63.0	20.0										870.00	96.67	55.29	16.00	14.89
797+50.0	R	PE/MB HMA	13.0	48.0	23.0	34.00	9	54	10						989.50	109.94	62.89	0.00	16.93
808+41.0	L	PE HMA													390.42	43.38	24.81	0.00	6.68
808+55.0	R	MB HMA	12.0	95.0	5.0										267.50	29.72	17.00	0.00	4.58
811+18.0	L	PE HMA	10.0	20.0	17.0										375.71	41.75	23.88	0.00	6.43
813+00.0	R	MB HMA													255.00	28.33	16.21	0.00	4.36
823+14.3	R	PE HMA													747.38	83.04	47.50	0.00	12.79
825+06.0	R	PE HMA													587.30	65.26	37.33	0.00	10.05
		SUBTOTAL												1189.06	16.0	320.13			

A Rev. 4-10-13

# ENTRANCE SCHEDULE

STATIONING	DIR	REMARKS												AREA SQ FT	AREA SQ YD	BITUMINOUS MATERIALS (PRIME COAT) POUND	40600985 PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT TON	40800050 INCIDENTAL HOT-MIX ASPHALT SURFACING TON
			A	B	C	D	E	F	G									
ENTRANCES																		
837+50.0	L	PE HMA											451.69	50.19	29	0.00	7.73	
838+57.0	R	PE HMA MB										799.18	88.80	51	0.00	13.67		
838+83.0	L	CE HMA SPECIAL										571.79	63.53	36	0.00	9.78		
844+53.0	L	PE HMA										406.60	45.18	26	0.00	6.96		
844+82.0	R	HMA MB										1351.00	150.11	86	0.00	23.12		
848+09.0	R	PE HMA MB HMA										797.37	88.60	51	0.00	13.64		
849+04.0	L	PE HMA	31.0	42.0	3.0							109.50	12.17	7	0.00	1.87		
854+89.0	R	FE HMA MB HMA										664.71	73.86	42	0.00	11.37		
855+13.0	L	PE HMA										358.67	39.85	23	0.00	6.14		
861+00.0	R	PE HMA MB HMA										662.83	73.65	42	0.00	11.34		
869+90.0	L	PE HMA	13.0	42.0	19.0							522.50	58.06	33	0.00	8.94		
870+13.0	R	MB HMA										488.12	54.24	31	0.00	8.35		
871+76.0	L	PE HMA SPECIAL										2832.42	314.71	180	0.00	48.47		
883+18.0	L	FE HMA										436.35	48.48	28	0.00	7.47		
883+45.0	R	HMA MB										540.07	60.01	34	0.00	9.24		
885+31.0	L	PE HMA										266.32	29.59	17	0.00	4.56		
885+57.0	R	FE HMA										425.67	47.30	27	0.00	7.28		
889+15.0	L	CE HMA										525.85	58.43	33	0.00	9.00		
890+82.0	R	FE HMA MB HMA										420.42	46.71	27	0.00	7.19		
891+13.0	L	CE HMA										1573.86	174.87	100	0.00	26.93		
894+50.0	L	PE HMA										722.79	80.31	46	0.00	12.37		
894+62.0	R	FE HMA MB										577.36	64.15	37	0.00	9.88		
SUBTOTAL FROM PAGE 19													1189		16.0	320.13		
<b>TOTAL</b>													<b>2175</b>		<b>16</b>	<b>585</b>		

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63301210 REMOVE AND REERECT STEEL PLATE BEAM GUARDRAIL,

FOOT	LOCATION MAINLINE	REMARKS
131	849+11.7 TO 850+42.5	E
241	857+80.5 TO 860+21.0	E
358	857+80.5 TO 861+38.0	W
<b>TOTAL</b>		
729		

63500105 DELINEATORS

FOOT	LOCATION MAINLINE	REMARKS
1	696+42.1	E
1	698+39.6	W
1	700+69.0	W
1	702+33.0	E
1	787+96.2	E
1	789+89.3	W
1	791+86.0	E
1	793+00.0	W
1	804+21.0	E
1	805+18.0	W
1	808+01.0	E
1	808+21.0	W
1	848+61.7	E
1	849+92.5	W
1	850+92.5	E
1	852+83.8	W
1	857+80.5	E
1	857+80.5	W
1	860+21.0	E
1	861+38.0	W

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66700305 PERMANENT SURVEY MARKERS, TYPE II

EACH	LOCATION MAINLINE	REMARKS
5	609+22 TO 901+74	AS DIRECTED BY RESIDENT ENGINEER
<b>TOTAL</b>		
5		

70300100 SHORT TERM PAVEMENT MARKING (2 APPLICATIONS)

FOOT	LOCATION MAINLINE	REMARKS
5878	608+54.5 TO 902+42.0	
50	619+42.3 TO 621+92.3	CL WHITE - RT TURN LANE
50	623+36.6 TO 625+86.6	CL WHITE - LT TURN LANE
50	633+11.0 TO 635+61.0	CL WHITE - LT TURN LANE
806	608+54.5 TO 648+82.5	SHOULDERS
<b>TOTAL</b>		
6834		

70301000 WORK ZONE PAVEMENT MARKING REMOVAL

SQ FT	LOCATION MAINLINE	REMARKS
979.6	608+54.5 TO 902+42.0	
8.3	619+42.3 TO 621+92.3	CL WHITE - RT TURN LANE
8.3	623+36.6 TO 625+86.6	CL WHITE - LT TURN LANE
8.3	633+11.0 TO 635+61.0	CL WHITE - LT TURN LANE
134.3	608+54.5 TO 648+82.5	SHOULDERS
<b>TOTAL</b>		
1138.8		

78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

SQ FT	LOCATION MAINLINE	REMARKS
15.6	619+42.3	RT WHITE - RT ARROW
15.6	620+17.9	RT WHITE - RT ARROW
15.6	620+93.5	RT WHITE - RT ARROW
15.6	623+36.6	LT WHITE - LT ARROW
15.6	624+12.2	LT WHITE - LT ARROW
15.6	624+87.8	LT WHITE - LT ARROW
15.6	633+11.0	LT WHITE - LT ARROW
15.6	633+86.6	LT WHITE - LT ARROW
15.6	634+62.2	LT WHITE - LT ARROW