

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
883	06-00102-00-RS	WHITE	6	1
FED. ROAD DIST. NO. 4		ILLINOIS	NORRIS CITY WEST	
LEC JOB # H081002WH			CONTRACT # 99348	

**INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	TITLE SHEET, SUMMARY OF QUANTITIES
2	TYPICAL SECTIONS, GENERAL NOTES SCHEDULE SUPERELEVATION RATES
3-4	DETAILS OF TAPERS, STREETS, & SIDEROADS
5	SCHEDULES
6	DETAILS

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED FEDERAL-AID  
S.T.R. & T.A.R.P. PROJECT**

F.A.S. 883(CH 16) SECTION 06-00102-00-RS WHITE COUNTY  
PROJECT SR-883(117) JOB NO. C-99-502-07

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET 6.

000001-05	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS (6 SHEETS)
406201-01	MAILBOX TURNOUT
701006-03	OFF-RD OPERATIONS, 2-L, 2-W, 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS ≥ 45 MPH
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS,
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701332-05 701901-01	LANE CLOSURE, 2-L, 2-W, Work Areas INSERTS, etc., TRAFFIC CONTROL DEVICES (3 SHEETS)
780001-02	TYPICAL PAVEMENT MARKINGS (2 SHEETS)
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

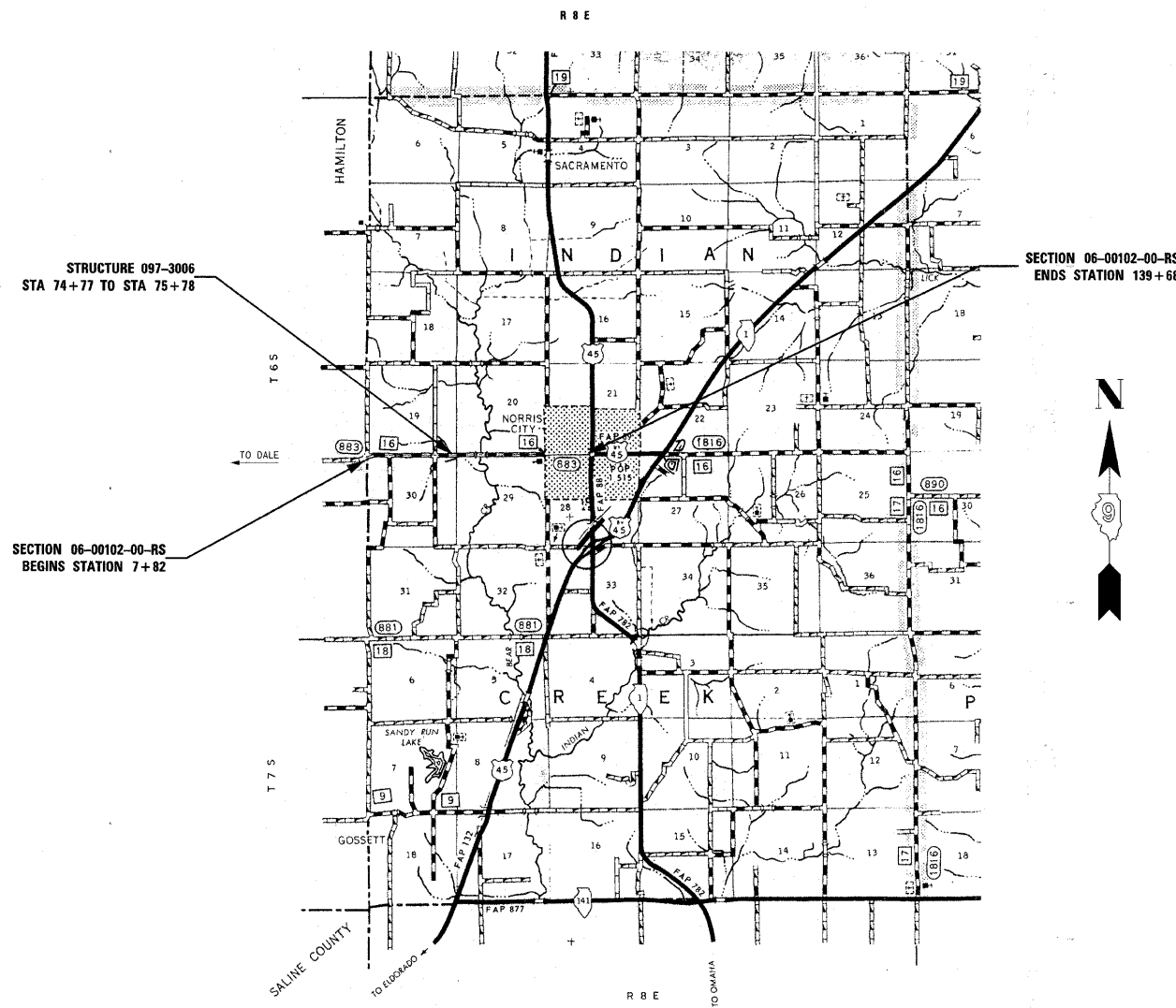
SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	QUANTITY
* 21400100	GRADING AND SHAPING DITCHES	FOOT	550.00
28100807	STONE DUMP RIPRAP, CLASS A4	TON	80.00
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	2284.00
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	4840.00
40600990	TEMPORARY RAMP	SQ YD	25.00
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	3510.00
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	1161.00
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2563.00
* 54223453	REMOVE & RELAY PIPE CULVERTS 18"	FOOT	21.00
* 54223459	REMOVE & RELAY PIPE CULVERTS 24"	FOOT	8.00
* 54223471	REMOVE & RELAY PIPE CULVERTS 36"	FOOT	4.00
* 54223489	REMOVE & RELAY PIPE CULVERTS 54"	FOOT	20.00
* 54223495	REMOVE & RELAY PIPE CULVERTS 60"	FOOT	60.00
59300100	CONTROL LOW-STRENGTH MATERIAL	CU YD	10.00
60266600	VALVE BOXES TO BE ADJUSTED	EACH	2.00
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10.00
* 67100100	MOBILIZATION	L SUM	1.00
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.00
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1.00
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	3956.00
△ 78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	32157.00
△ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	164.00
* XX003140	SHORT-TERM PAVEMENT MARKING REMOVAL	FOOT	1319.00
* XX127400	PAVEMENT REMOVAL AND REPLACEMENT (SPECIAL)	TON	6.00

△ SPECIALTY ITEMS

DESIGN CLASS - RURAL MAJOR COLLECTOR  
DESIGN SPEED = 50 MPH  
CURRENT A.D.T. = 1,330  
CONTRACT # = 99348

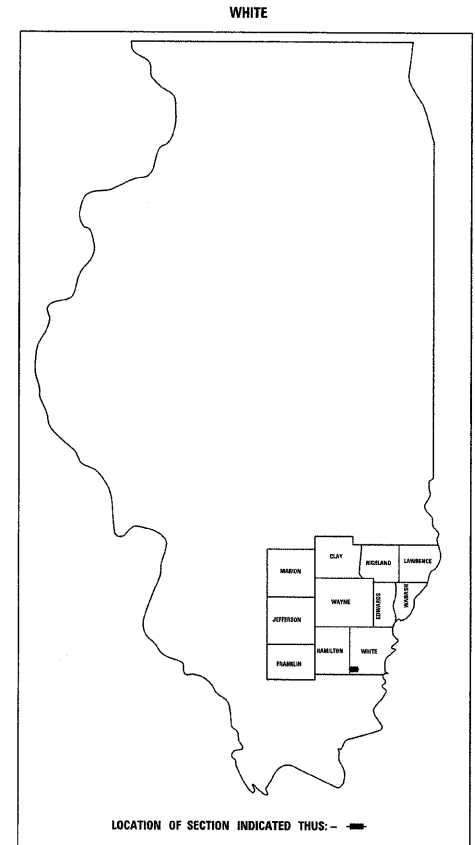
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123



**LAYOUT**

APPROXIMATE SCALE 1 INCH = 1 MILE

	MILES	
GROSS LENGTH	13186 FT	2.497 MILES
OMISSION	0 FT	0.000 MILES
NET LENGTH	13186 FT	2.497 MILES



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(812)-385-2812



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LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION  
184-000887  
(62-032435)(35-002769)



AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
10-2-08  
DATE  
11-30-09  
EXPIRES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED 9-30-08  
*Brian K...*  
COUNTY ENGINEER

PASSED 10/9/08  
*Dennis W. Hill*  
ENGINEER OF LOCAL ROADS AND STREETS

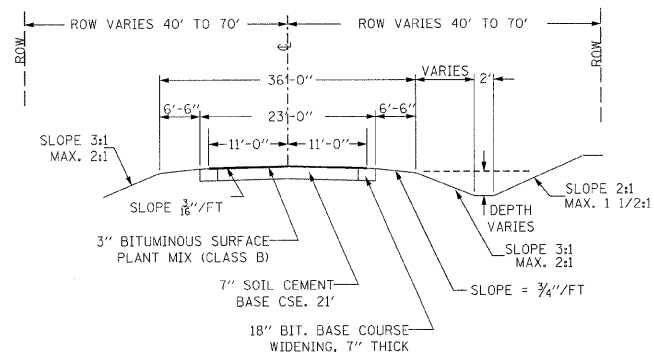
RELEASING FOR BID  
BASED ON LIMITED  
REVIEW 10/9/08  
*Mary C. Lamie*  
MARY C. LAMIE, P.E.  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION FIVE ENGINEER

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
883	06-00102-00-RS	WHITE	6	2
FED. ROAD DIST. NO. 1		ILLINOIS	NORRIS CITY WEST	
LEC JOB # H081002WH			CONTRACT # 99348	

**TYPICAL CROSS SECTION**

**EXISTING**

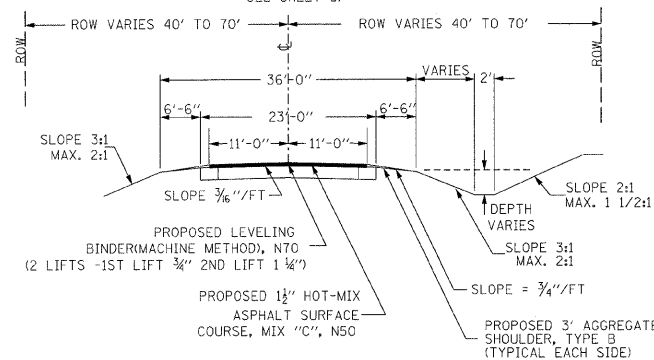
STA 7+82 TO STA 114+11  
(EXCEPT STA 74+77 TO STA 75+78)



**TYPICAL CROSS SECTION**

**PROPOSED**

STA 7+82 TO STA 114+11  
(EXCEPT STA 74+77 TO STA 75+78  
SEE SHEET 3)



**GENERAL NOTES:**

THIS SECTION CONSISTS OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL, LEVELING BINDER (MACHINE METHOD) N70, AND HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, AGGREGATE SHOULDERS, AND OTHER MISCELLANEOUS ITEMS NECESSARY TO COMPLETE THE PROJECT, ALL IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2007.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTIONS 16-G, 16-Q AND 83-00053-00-WR AND SHALL REMAIN IN PLACE. ALL STATIONS REFERRED TO IN THE PLANS AND PROPOSAL ARE REFERENCED TO THE ABOVE MENTIONED SECTIONS.

MAXIMUM PERCENT OF GRADE	3.29 %
MINIMUM STOPPING SIGHT DISTANCE	425 FT
DESIGN SPEED	50 MPH
CURRENT ADT	970 - 1330 VPD
DESIGN ADT (20 YEAR)	1360 - 1970 VPD

THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 SHALL BE PLACED IN ONE LIFT WITH A MINIMUM THICKNESS OF 1 1/2".

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 ALLOWS 316.7 TON FOR THE INTERSECTIONS, SIDEROADS, AND TAPERS; 339.1 TON FOR THE ENTRANCES; 65.4 TON FOR THE MAILBOX TURNOUTS, 30 TON FOR THE PARKING AREA; TON TON FOR THE UTILITIES IN THE SHOULDER; AND 2776.0 TON FOR THE MAIN LINE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

A HOT-MIX ASPHALT TAPER OF 0" TO 3 1/2" SHALL BE CONSTRUCTED FROM STATION 7+32 TO STATION 8+32.

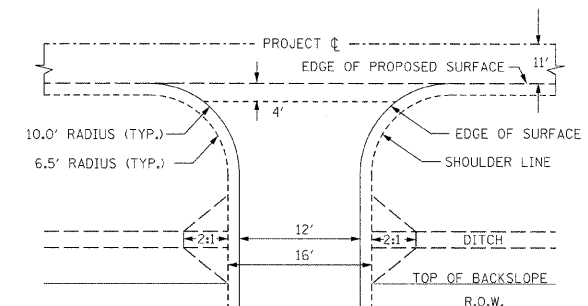
THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE REMOVAL 2" ALLOWS FOR 840 SY OF THE MAIN LINE AND 321 SY FOR THE PARKING AREA.

THE FOLLOWING RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:

AGGREGATE SHOULDERS TY. B	1.8 T / CU YD
HOT-MIX ASPHALT	0.0560 T / SQ YD • INCH
BITUMINOUS MATERIAL (PRIME COAT)	0.05 GAL / SQ YD

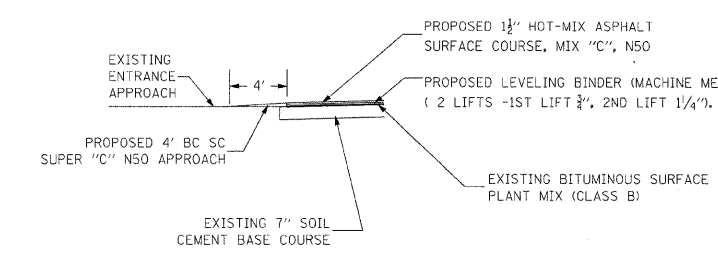
THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR GRADING AND SHAPING DITCHES ALLOWS 50 FOOT AT EACH END OF ALL PIPES TO BE REMOVED AND RELAYED AT STATIONS SHOWN IN SCHEDULE.

**DETAIL OF PRIVATE AND FIELD ENTRANCES**



NOTE: THE 4' AREA FROM THE EDGE OF SURFACE, AS SHOWN ABOVE, SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 FOR THE PRIVATE ENTRANCES AND THE FIELD ENTRANCES. THIS QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

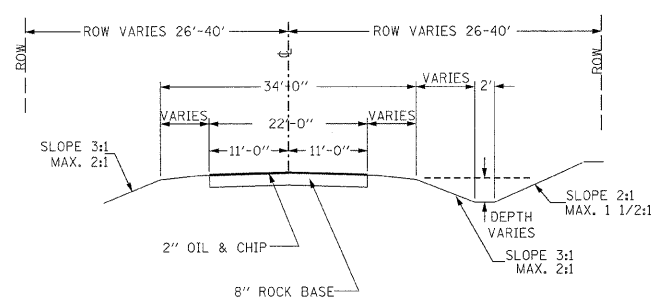
**PRIVATE & FIELD ENTRANCE APPROACH DETAIL**



**TYPICAL CROSS SECTION**

**EXISTING**

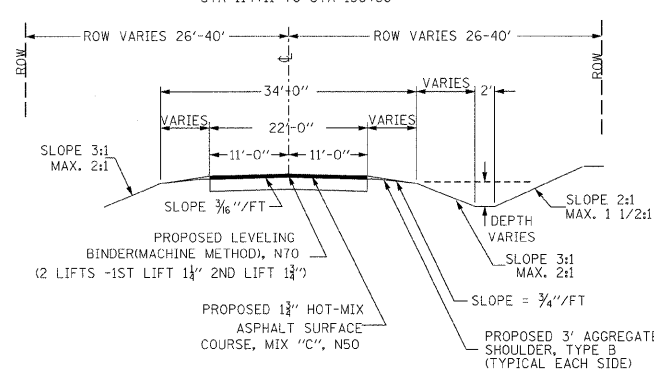
STA 114+11 TO STA 136+38



**TYPICAL CROSS SECTION**

**PROPOSED**

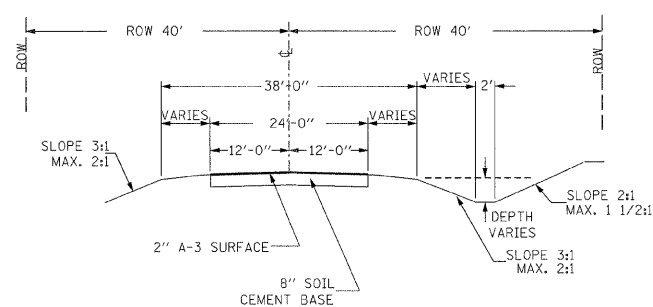
STA 114+11 TO STA 136+38



**TYPICAL CROSS SECTION**

**EXISTING**

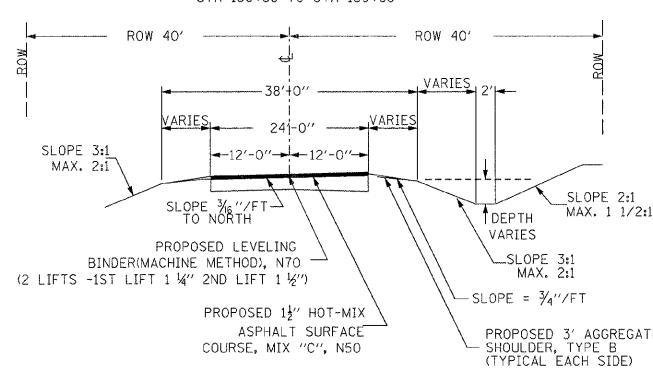
STA 136+38 TO STA 139+68



**TYPICAL CROSS SECTION**

**PROPOSED**

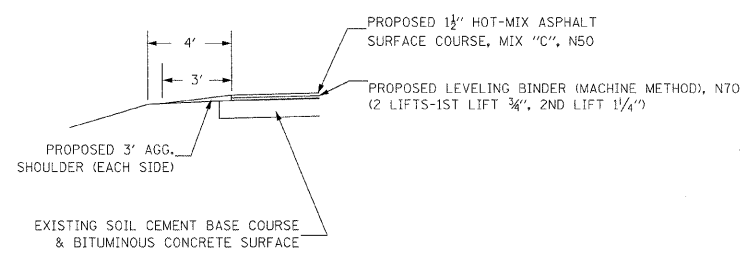
STA 136+38 TO STA 139+68



**SCHEDULE FOR SUPERELEVATION RATES**

<b>CURVE #1</b>
TANGENT RUNOFF BEGINS STA. 8+83.62
S.E. RUNOFF BEGINS STA. 9+16.62
FULL S.E. BEGINS STA. 10+26.62
FULL S.E. ENDS STA. 15+17.28
S.E. RUNOFF ENDS STA. 16+27.28
TANGENT RUNOFF ENDS STA. 16+60.28
S.E. RATE = 0.050 FT / FT

**AGGREGATE SHOULDER DETAIL**



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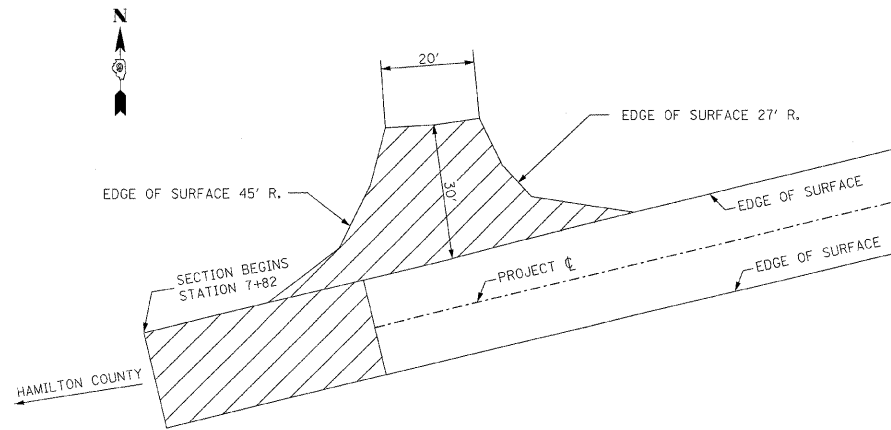


AARON M. MEFFORD  
NAME  
*Aaron Mefford*  
SIGNATURE  
10-2-07  
DATE  
11-30-09  
EXPIRES

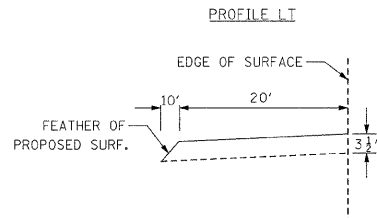
DETAILS OF SURFACING AT INTERSECTIONS AND SIDEROADS

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
883	06-00102-00-RS	WHITE	6	3
FED. ROAD DIST. NO. 9		ILLINOIS	NORRIS CITY WEST	
LEC JOB # H081002WH			CONTRACT # 99348	

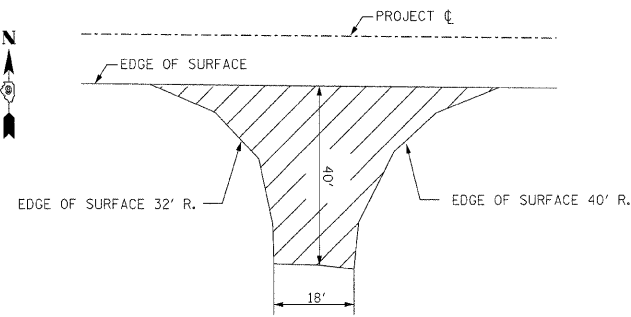
DETAIL OF TAPER STA. 7+82 TO STA. 8+32  
DETAIL OF INTERSECTION 8+51 LT



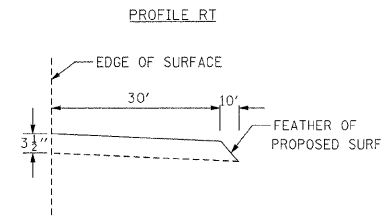
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 11.8 TONS OF MATERIAL FOR THE TAPER FROM STATION 7+82 TO STATION 8+32. IT ALSO INCLUDES 26.2 TONS OF MATERIAL FOR THE SIDEROAD LT. APPROACH AND RADII.



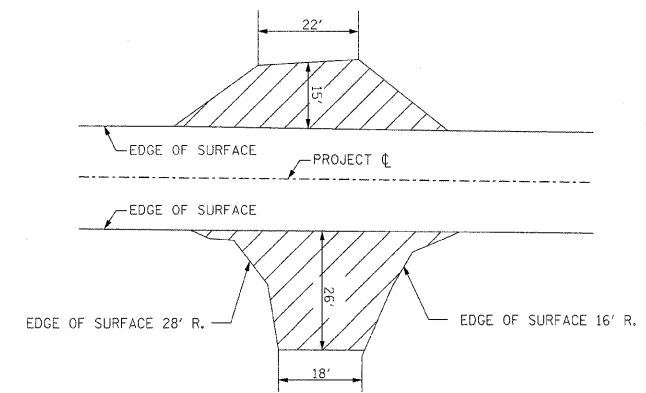
DETAIL OF INTERSECTION RT. STA. 21+53



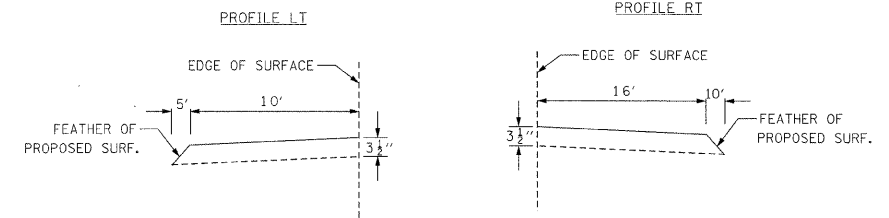
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 27.7 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.



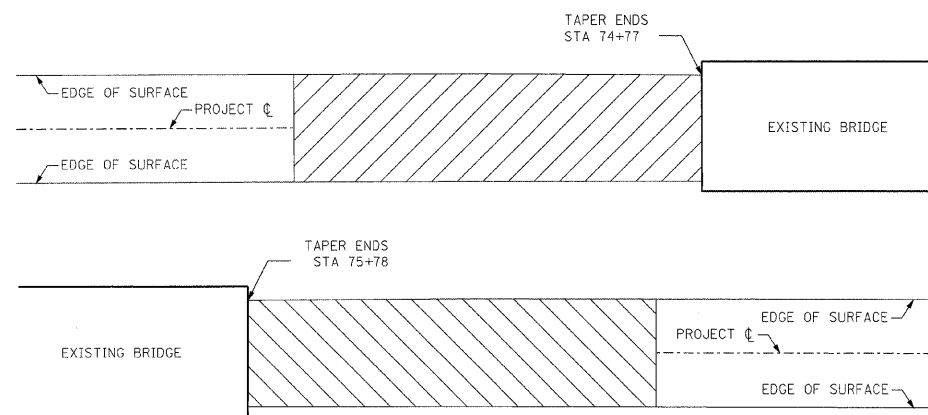
DETAIL OF INTERSECTION LT. STA. 48+20  
AND RT. STA. 48+26



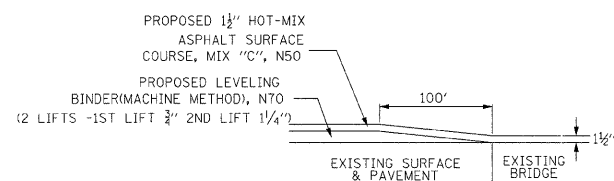
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 17.3 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII. IT ALSO INCLUDES 13.2 TONS OF MATERIAL FOR THE SIDEROAD LT. APPROACH AND RADII.



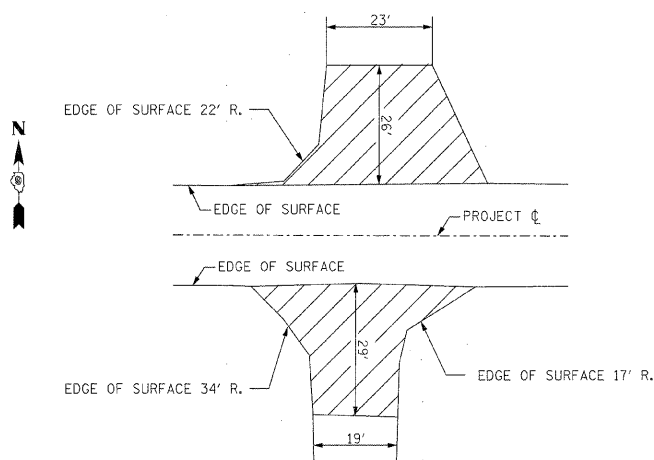
DETAIL OF TAPER STA. 73+77 TO STA. 74+77  
& STA. 75+78 TO STA. 76+78



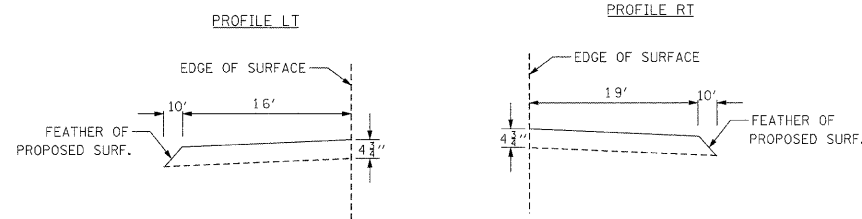
BRIDGE TAPER DETAIL  
STA 73+77 TO STA 74+77 &  
STA 75+78 TO STA 76+78



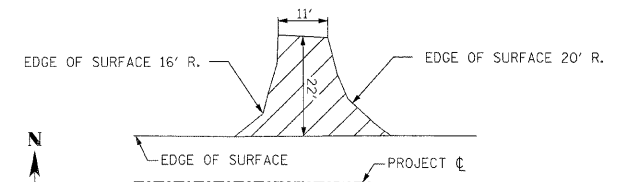
DETAIL OF INTERSECTION RT. STA. 114+10  
AND LT. STA. 114+14



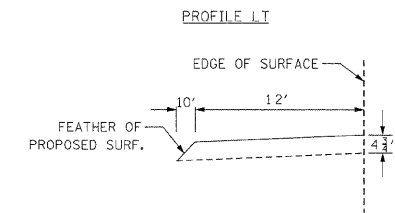
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 22.5 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII. IT ALSO INCLUDES 25.1 TONS OF MATERIAL FOR THE SIDEROAD LT. APPROACH AND RADII.



DETAIL OF INTERSECTION LT. STA. 121+13



NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 11.7 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.

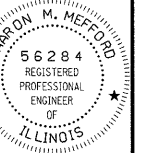


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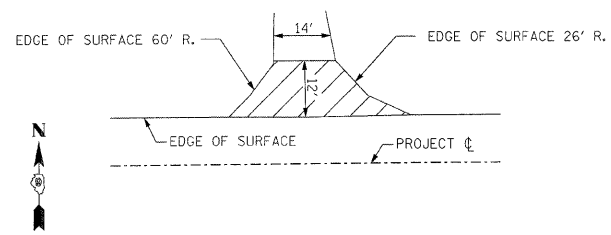


AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
DATE  
10-2-08  
11-30-09  
EXPIRES

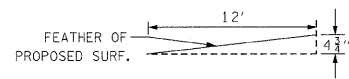
DETAILS OF SURFACING AT INTERSECTIONS AND SIDEROADS

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
883	06-00102-00-RS	WHITE	6	4
FED. ROAD DIST. NO. 1		ILLINOIS	NORRIS CITY WEST	
LEC JOB # H081002WH		CONTRACT # 99348		

DETAIL OF INTERSECTION LT. STA. 127+54

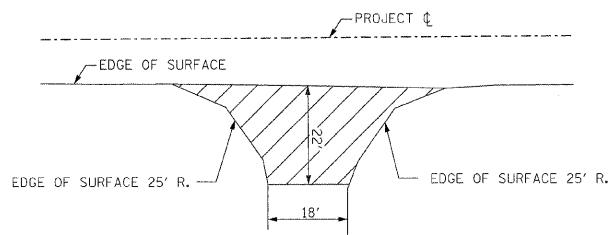


PROFILE LT

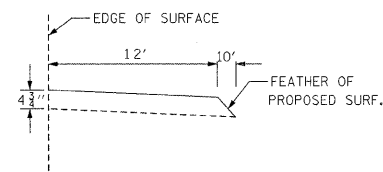


NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 9.1 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.

DETAIL OF INTERSECTION RT. STA. 128+87

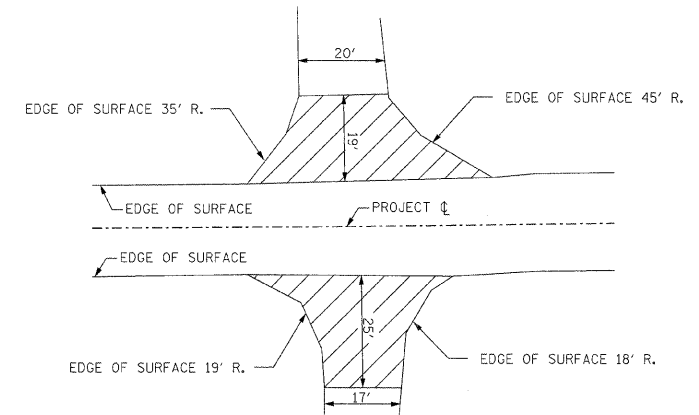


PROFILE RT

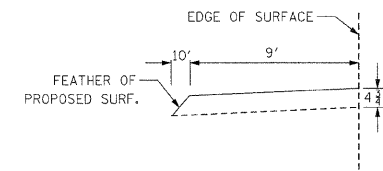


NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 20.1 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.

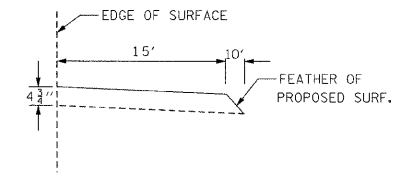
DETAIL OF INTERSECTION RT. STA. 132+50 AND LT. STA. 132+50



PROFILE LT

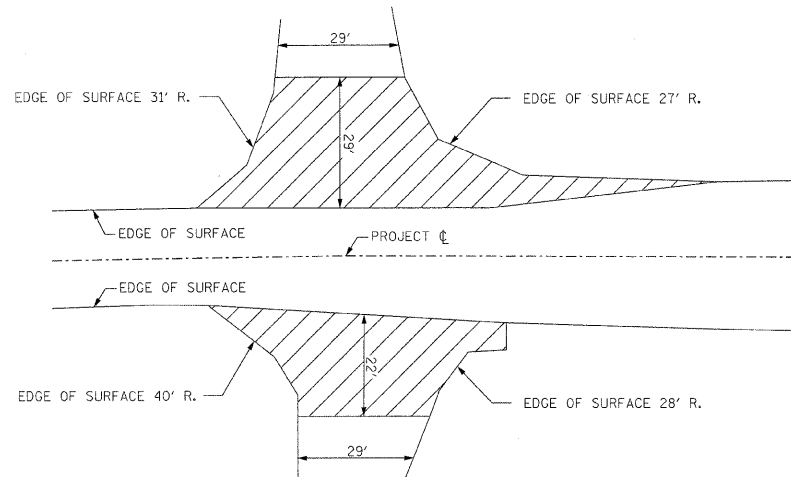


PROFILE RT

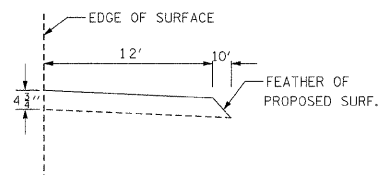


NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 17.5 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII. IT ALSO INCLUDES 19.1 TONS OF MATERIAL FOR THE SIDEROAD LT. APPROACH AND RADII.

DETAIL OF INTERSECTION RT. STA. 136+38 AND LT. STA. 136+38

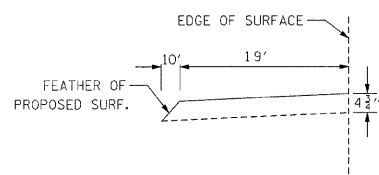


PROFILE RT

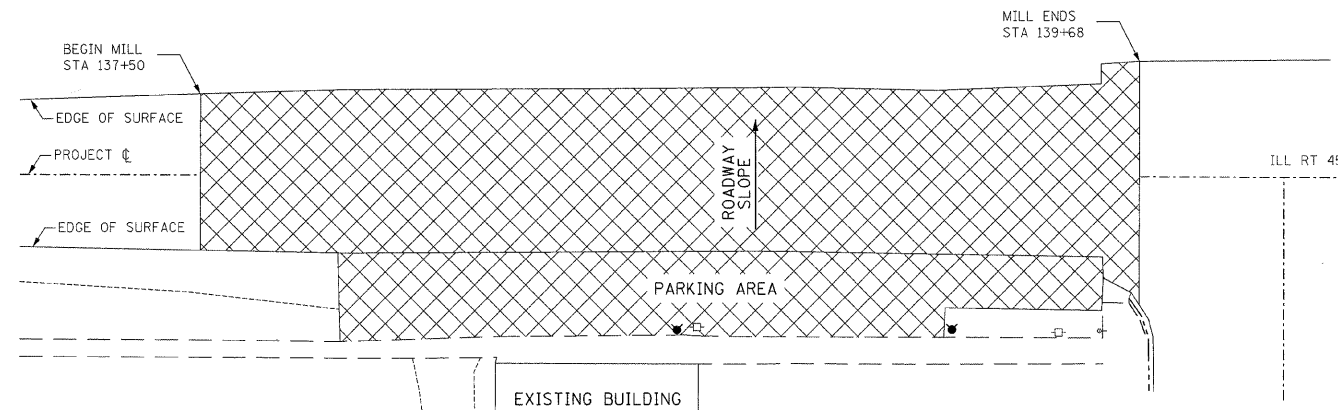


NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 28.9 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII. IT ALSO INCLUDES 44.5 TONS OF MATERIAL FOR THE SIDEROAD LT. APPROACH AND RADII.

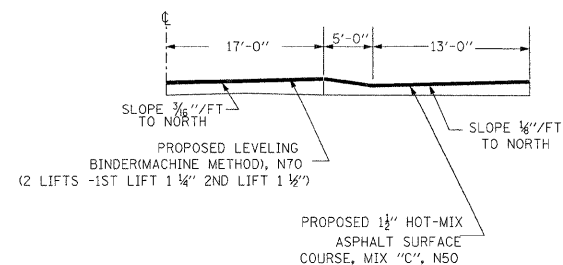
PROFILE LT



DETAIL OF MILL STA. 137+50 TO STA. 139+68

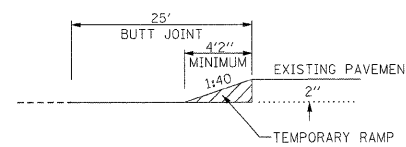


TYPICAL CROSS SECTION PROPOSED STA 137+60 TO STA 139+68



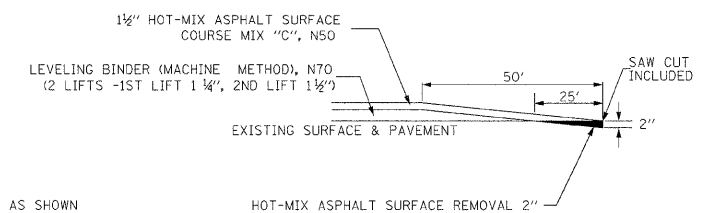
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 30 TONS OF MATERIAL FOR THE PARKING AREA.

TEMPORARY RAMP DETAIL STA 139+18 TO STA 139+68



NOTE: THE PARKING AREA AND THE ROADWAY SHALL BE MILLED TWO INCHES AS SHOWN OR PER ENGINEER. THE PROPOSED PAVEMENT SHALL MATCH EXISTING AT THE EDGE OF SIDEWALK IN THE PARKING AREA AND SLOPE TOWARD THE ROADWAY. A PROPOSED SWALE SHALL BE PLACED 5' OUTSIDE OF THE ROADWAY FOR DRAINAGE. SOME AREAS OF CONCRETE ARE WITHIN THE PARKING AREA AND WILL BE MILLED.

BUTT JOINT DETAIL STA 139+18 TO STA 139+68



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AARON M. MEFFORD  
NAME  
*Aaron M. Mefford*  
SIGNATURE  
10-2-08  
DATE  
11-30-09  
EXPIRES

**SCHEDULE OF PAVEMENT MARKINGS**

STATION	TO	STATION	LOCATION	LENGTH - FOOT
CENTERLINE				
7+82		139+68	CL	3102
EDGE LINE				
7+82		21+30	RT.	1348
21+75		48+10	RT.	2635
48+40		113+90	RT.	6550
114+25		128+70	RT.	1445
129+10		132+40	RT.	330
132+65		136+15	RT.	350
136+60		139+68	RT.	308

STATION	TO	STATION	LOCATION	LENGTH - FOOT
EDGE LINE				
7+82		8+25	LT.	43
8+70		48+00	LT.	3930
48+40		113+95	LT.	6555
114+30		121+03	LT.	673
121+25		127+45	LT.	620
127+70		132+35	LT.	465
132+70		136+15	LT.	345
136+70		139+68	LT.	298

STATION	TO	STATION	LOCATION	LENGTH - FOOT	
NO PASSING					
8+20		16+00	RT.	780	
8+20		18+00	LT.	980	
43+00		50+00	RT.	700	
50+00		57+00	LT.	700	
				TOTAL	32,157

THE ABOVE QUANTITY IS SHOW IN THE PAVEMENT MARKING-LINE 4" IN THE SUMMARY OF QUANTITIES.

**SCHEDULE OF MAILBOX TURNOUTS**

STATION	LOCATION	EST. QUANTITY ALLOWED TONS
30+25	LT.	6.4
35+79	LT.	4.3
46+94	LT.	9.0
95+62	LT.	8.2
115+92	RT.	5.8
115+94		
118+73	RT.	4.3
125+06	RT.	3.0
125+12		
126+74	RT.	5.3
128+14	RT.	4.3
131+97	RT.	5.6
132+00		
132+04		
132+82	RT.	3.4
135+60	RT.	5.8
135+61		
135+62		
		65.4

THE ABOVE QUANTITY IS INCLUDED IN THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 IN THE SUMMARY OF QUANTITIES.

**SCHEDULE OF REMOVE & RELAY PIPE CULVERTS**

STATION	SIZE	LENGTH	END OF CULVERT
10+42	36"	4'	SOUTH
21+46	24"	8'	WEST
26+52	54"	20'	NORTH
41+52	18"	4'	NORTH
41+52	18"	8'	SOUTH
58+59	60"	22.5'	NORTH
58+66	60"	22.5'	NORTH
58+66	60"	15'	SOUTH
64+27	18"	9'	NORTH

NOTE: THE SCHEDULE ABOVE INCLUDES KNOWN MANHOLES, WATER VALVE BOXES, AND STORM INLETS AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE RESPECTIVE ITEM. THE ABOVE QUANTITIES ARE SHOWN IN THE RESPECTIVE PAY ITEMS TO BE ADJUSTED IN THE SUMMARY OF QUANTITIES.

**SCHEDULE OF PRIVATE AND FIELD ENTRANCES**

STATION	LOCATION	BC SC SUPER "C" N50 (IN TONS)	
11+67	RT	3.3	
13+75	LT	3.7	
14+40	LT	4.5	
15+56	LT	7.5	
21+55	LT	3.8	
29+01	RT	6.1	
30+26	RT	4.2	
34+59	LT	2.9	
36+00	LT	2.8	
41+93	RT	3.5	
46+08	LT	6.3	
47+42	LT	2.5	
49+60	RT	4.9	
63+19	LT	5.5	
63+60	RT	3.7	
81+88	LT	3.8	
95+48	LT	2.9	
95+53	RT	30.0	
107+53	RT	4.7	
108+10	LT	2.2	
115+05	RT	3.3	
116+02	LT	4.0	
116+93	LT	3.0	
117+74 & 117+94	LT	6.3	
118+40	LT	3.7	
119+39	RT	2.9	
122+17	RT	8.1	
122+30	LT	6.4	
123+34	LT	4.0	
124+29	LT	4.5	
124+81	RT	2.6	
125+85	LT	33.4	
126+09	RT	6.9	
127+38	RT	3.2	
128+30	RT	3.0	
128+79	LT	5.3	
129+37	RT	2.6	
129+50	LT	3.8	
130+50	RT	3.1	
130+77	LT	10.1	
131+69	LT	7.6	
133+91	RT	5.1	
135+00	LT	35.1	
138+75	RT	62.3	
		TOTAL	339.1

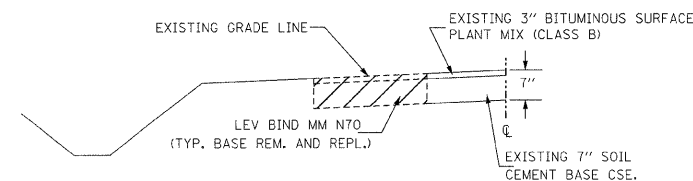
THE ABOVE QUANTITY IS INCLUDED IN THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 IN THE SUMMARY OF QUANTITIES.

**SCHEDULE OF PAV'T REMOVAL AND REPLACEMENT SPECIAL**

STATION	TO	STATION	LOCATION	WIDTH (FEET)	SQ. YD.	TON
12+57		12+87	RT. EDGE	3.0	10.0	5.6
				TOTALS	10.0	5.6

THE SCHEDULE ABOVE REFLECTS APPROXIMATE LOCATION AND ESTIMATED QUANTITIES. THE ACTUAL AREAS SHALL BE LOCATED AND MARKED BY THE ENGINEER PRIOR TO CONSTRUCTION. THE ABOVE QUANTITY IS INCLUDED IN PAVEMENT REMOVAL AND REPLACEMENT SPECIAL IN THE SUMMARY OF QUANTITIES.

**DETAIL OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL**



NOTE: IN THE TYPICAL DETAIL ABOVE THE DISTANCE FROM THE CENTERLINE LEFT OR RIGHT AND THE WIDTH OF PAVEMENT REMOVAL AND REPLACEMENT VARIES. SEE SCHEDULE OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL FOR PROPOSED LOCATIONS.

**UTILITIES TO BE ADJUSTED**

STATION	LOCATION	DESCRIPTION
114+25	7.7' RT.	SAN MH
114+23	20.5' RT.	SAN MH
121+17	21.8' LT.	SAN MH
121+75	6.9' RT.	SAN MH
125+25	6.3' RT.	SAN MH
126+05	7.2' RT.	SAN MH
127+49	8.5' RT	SAN MH
128+77	11.2' RT	SAN MH
132+49	5.3' RT	SAN MH
132+70	14.1' RT	SAN MH
136+75	17.6' RT	WV
136+77	15.6' LT	WV

NOTE: THE SCHEDULE ABOVE INCLUDES KNOWN MANHOLES, WATER VALVE BOXES, AND STORM INLETS AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE RESPECTIVE ITEM. THE ABOVE QUANTITIES ARE SHOWN IN THE RESPECTIVE PAY ITEMS TO BE ADJUSTED IN THE SUMMARY OF QUANTITIES.

**SCHEDULE OF AGGREGATE SHOULDER STONE IN TANGENT**

STATION	TO	STATION	LOCATION	ALLOWED TONS EST. QUANTITY	
8+32		8+83.6	LT.	4.1	
16+60.2		74+76	LT	541.1	
75+76		114+11	LT	360.7	
114+11		136+38	LT	238.4	
136+38		139+18	LT	48.2	
8+32		8+83.6	RT	3.8	
16+60.2		74+76	RT	587.7	
75+76		114+11	RT	387.5	
114+11		136+38	RT	234.0	
136+38		139+18	RT	11.2	
				TOTAL	2416.7

THE ABOVE QUANTITY IS FOR THE ENTIRE SECTION AND IS INCLUDED IN THE QUANTITY FOR AGGREGATE SHOULDERS, TYPE B IN THE SUMMARY OF QUANTITIES.

**SCHEDULE OF AGGREGATE SHOULDER STONE IN SUPERELEVATION**

STATION	TO	STATION	LOCATION	ALLOWED TONS EST. QUANTITY	
8+83.6		16+60.2	LT.	53.6	
8+83.6		16+60.2	RT.	92.5	
				TOTAL	146.1

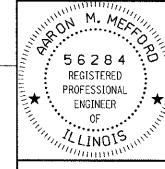
THE ABOVE QUANTITY IS FOR THE ENTIRE SECTION AND IS INCLUDED IN THE QUANTITY FOR AGGREGATE SHOULDERS, TYPE B IN THE SUMMARY OF QUANTITIES.

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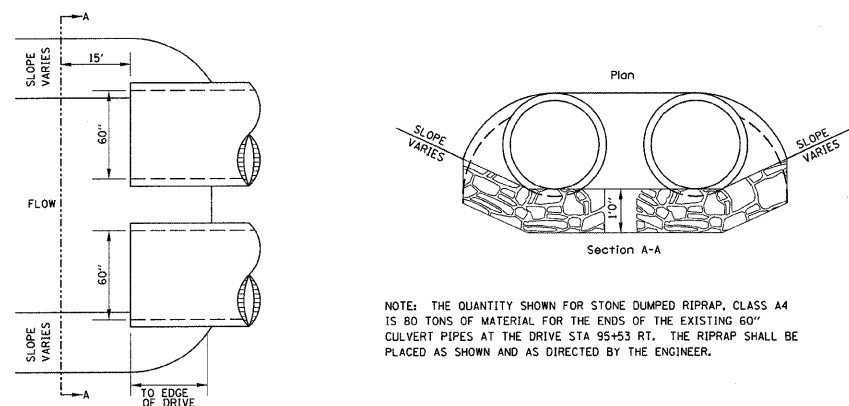
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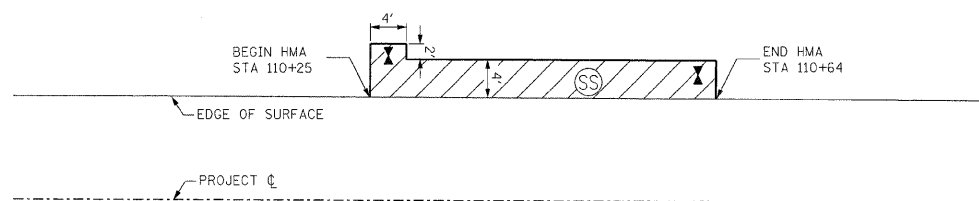
AARON M. MEFFORD  
NAME  
*Aaron Mefford*  
SIGNATURE  
10-2-08  
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F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
883	06-00102-00-RS	WHITE	6	6
FED. ROAD DIST. NO. 9		ILLINOIS	NORRIS CITY WEST	
LEC JOB # H081002WH			CONTRACT # 99348	

**HOT-MIX ASPHALT AROUND  
UTILITIES IN SHOULDER**  
STA 110+50

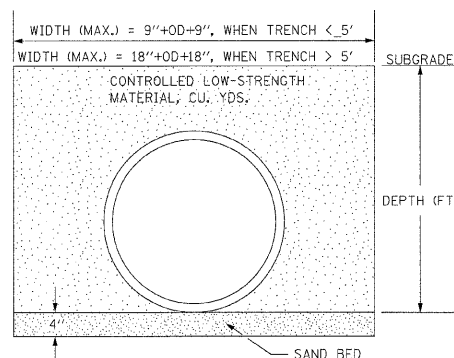


NOTE: THE QUANTITY SHOWN FOR STONE DUMPED RIPRAP, CLASS A4 IS 80 TONS OF MATERIAL FOR THE ENDS OF THE EXISTING 60" CULVERT PIPES AT THE DRIVE STA 95+53 RT. THE RIPRAP SHALL BE PLACED AS SHOWN AND AS DIRECTED BY THE ENGINEER.



NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 INCLUDES 10 TONS OF MATERIAL FOR THE SHOULDERS. IT SHALL BE PLACED AROUND THE WATER VALVES AND MANHOLE AT STATION 110+50 AND AS DIRECTED BY THE ENGINEER.

**DETAIL OF REMOVE & RELAY  
WITHIN 2' OF EDGE OF PAVEMENT**  
STA 26+52 LEFT



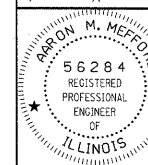
NOTE: THE QUANTITY SHOWN FOR CONTROLLED LOW-STRENGTH MATERIAL IS 10 CUBIC YARDS OF MATERIAL FOR THE REMOVE AND RELAY PIPE CULVERT AT STATION 26+52. THE CONTROLLED LOW-STRENGTH MATERIAL SHALL BE USED NEXT TO THE ROADWAY AND AS DIRECTED BY THE ENGINEER.

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