

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
880	93-00076-00-RS	HAMILTON	8	1
FED. ROAD DIST. NO. 8		ILLINOIS	DAHLGREN ROAD (EAST)	
PROJECT RS-880(105)			CONTRACT # 99263	
LEC JOB # H051007HM				

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET, SUMMARY OF QUANTITIES
2	TYPICAL SECTIONS, GENERAL NOTES, MISCELLANEOUS DETAILS
3	DETAILS OF INTERSECTIONS, AND SIDEROADS
4	SCHEDULES, AND LINE DIAGRAMS
5-6	LINE DIAGRAMS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PLANS FOR PROPOSED
FEDERAL-AID SECONDARY PROJECT**

F.A.S. 880 (CH 8) SECTION 93-00076-00-RS HAMILTON COUNTY

PROJECT RS-880(105) JOB NO. C-99-572-06

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 4

000001-04	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
406201	MAILBOX TURNOUT
701006-02	OFF-RD OPERATIONS, 2-L, 2-W, 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS ≥ 45 MPH
701301-02	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-01	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-02	LANE CLOSURE, 2L, 2W, MOVING DAY OPERATIONS
702001-06	TRAFFIC CONTROL DEVICES
780001-01	TYPICAL PAVEMENT MARKINGS

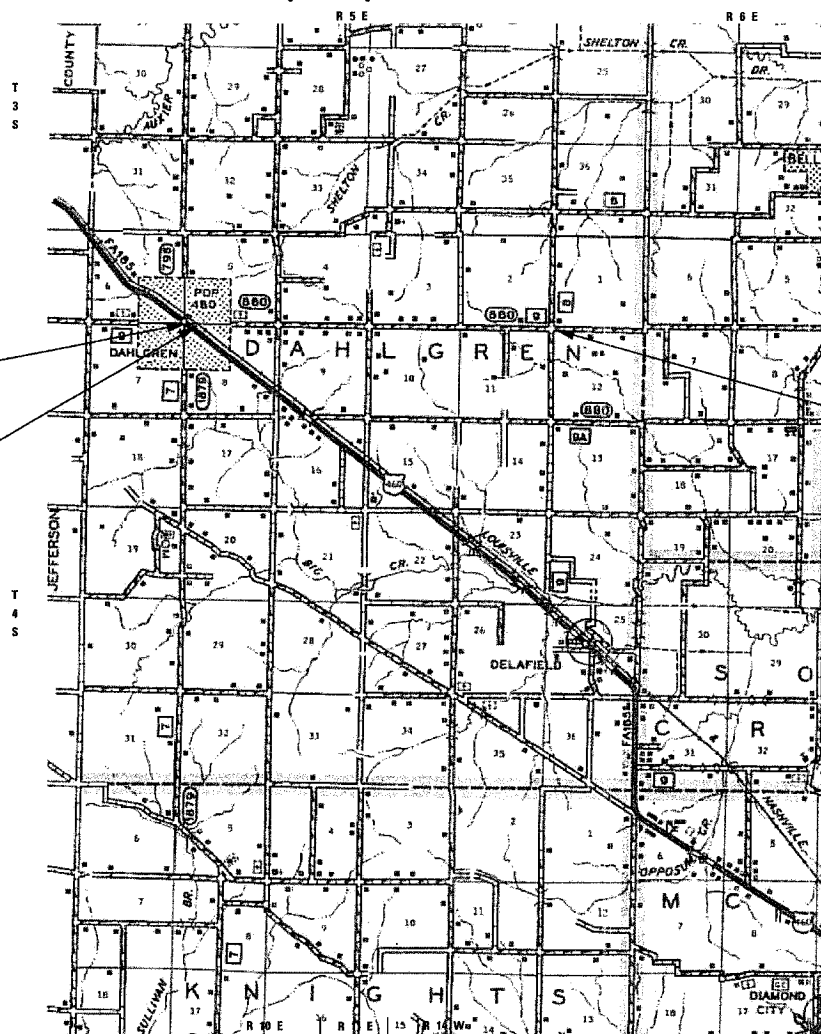
SUMMARY OF QUANTITIES

CODE NUMBER	ITEM	UNIT	QUANTITY
*X4066414	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50	TON	5519.00
*X4066770	LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70	TON	6270.00
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	3200.00
40600300	AGGREGATE (PRIME COAT)	TON	64.00
40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ YD	212.00
40600990	TEMPORARY RAMP	SQ YD	35.4
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2092.00
60255500	MANHOLES TO BE ADJUSTED	EACH	1.00
*67100100	MOBILIZATION	L SUM	1.00
70100460	TRAFFIC CONTROL AND PROTECTION STANDARD 701306	L SUM	1.00
Δ 78001100	PAINT PAVEMENT MARKING-LETTERS AND SYMBOLS	SQ FT	123.00
Δ 78001110	PAINT PAVEMENT MARKING-LINE 4"	FOOT	62129.00
Δ 78001180	PAINT PAVEMENT MARKING-LINE 24"	FOOT	60.00
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	2934.00

Δ SPECIALTY ITEMS

CONTRACT NO. 99263
DESIGN CLASS - MAJOR RURAL COLLECTOR
CURRENT A.D.T. = 710
DESIGN SPEED = 50 MPH

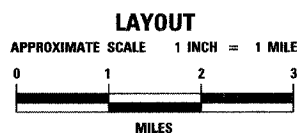
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123



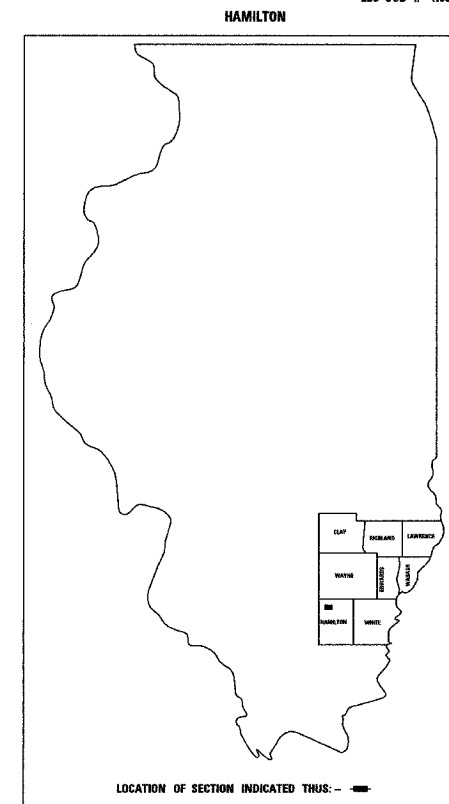
SECTION 93-00076-00-RS
BEGINS STATION 0+00

RAILROAD OMISSION
STA 1+61.9 TO STA 1+74.5

SECTION 93-00076-00-RS
ENDS STATION 206+70



GROSS LENGTH	20670.00 FT	3.915 MILES
OMISSION	12.60 FT	0.003 MILES
NET LENGTH	20657.40 FT	3.912 MILES



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(62-032435)(35-002769)

AARON M. MEFFORD
56284
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

AARON M. MEFFORD
NAME
Signature
DATE
05-16-06
11-30-07
EXPIRES

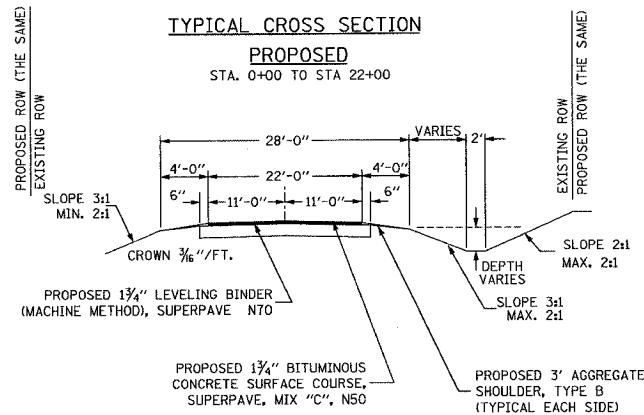
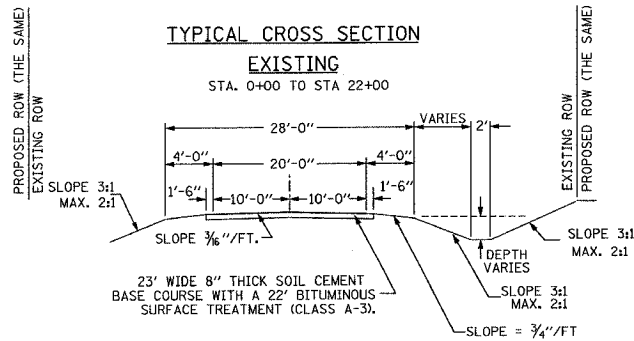
APPROVED May 16 20 06
Kenneth D. Kelly
COUNTY ENGINEER

PASSED MAY 23 20 06
Dennis W. Hill
DISTRICT NINE ENGINEER OF LOCAL ROADS & STREETS

APPROVED May 23 20 06
Mark A. Miller
DEPUTY DIRECTOR OF HIGHWAYS,
REGION FIVE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
880	93-0076-00-RS	HAMILTON	6	2
REL. ROAD DIST. NO. 9		ILLINOIS	DAHLGREN ROAD (EAST)	
PROJECT RS-880(105)			CONTRACT # 99263	
LEC JOB # H05L007HM				



GENERAL NOTES:

THIS SECTION CONSISTS OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL, LEVELING BINDER (MACHINE METHOD), SUPERPAVE N70, AND BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, 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, 2002.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTIONS 80-00053-00-AS AND 82-00053-00-SC 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	-6.40 %
MINIMUM STOPPING SIGHT DISTANCE	425 FT
DESIGN SPEED	50 MPH
CURRENT ADT	710 VPD
DESIGN ADT (20 YEAR)	960 VPD

THE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 SHALL BE PLACED IN ONE LIFT WITH A MINIMUM THICKNESS OF 1 3/4".

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 ALLOWS 311.6 TON FOR THE INTERSECTIONS, SIDEROADS, AND TAPERS; 202.0 TON FOR THE ENTRANCES; 115.3 TON FOR THE MAILBOX TURNOUTS, AND 4445.1 TON FOR THE 1 3/4" BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50.

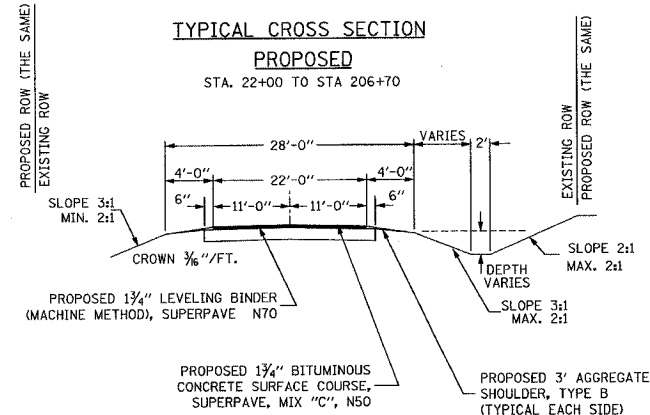
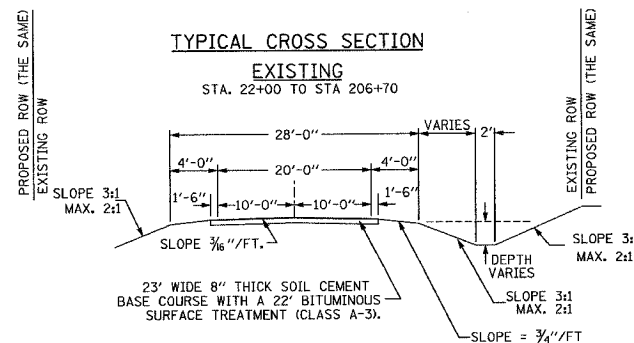
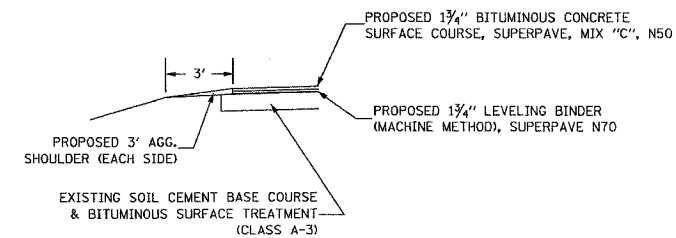
A BITUMINOUS TAPER OF 3/2" TO 0" FROM STATION 206+05 TO STATION 206+55.

BUTT JOINTS SHALL BE CONSTRUCTED FROM STATION 0+00 TO STATION 0+50, STATION 1+11.9 TO STATION 1+61.9, AND FROM STATION 1+74.5 TO STATION 2+24.5.

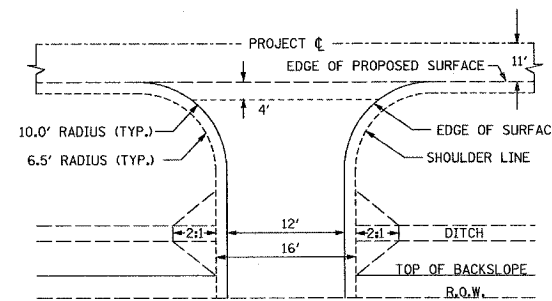
THE FOLLOWING RATES HAVE BEEN USED TO CALCULATE PLAN QUANTITIES:

AGGREGATE SHOULDERS TY. B	1.8 T / CU YD
BITUMINOUS CONCRETE	0.0560 T / SQ YD • INCH
AGGREGATE PRIME COAT	0.001 T / SQ YD
BITUMINOUS MATERIAL (PRIME COAT)	0.05 GAL / SQ YD

AGGREGATE SHOULDER DETAIL

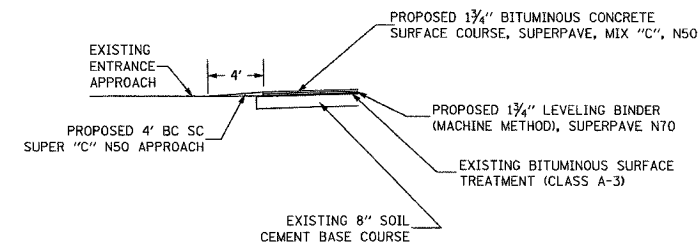


DETAIL OF PRIVATE AND FIELD ENTRANCES



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

PRIVATE & FIELD ENTRANCE APPROACH DETAIL

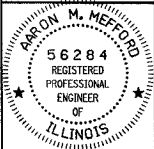


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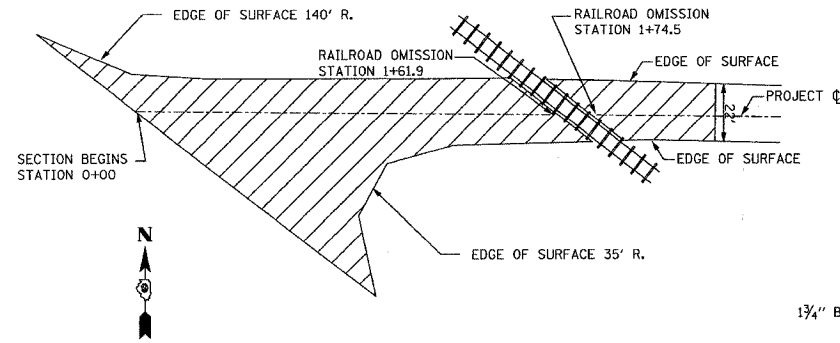


AARON M. MEFFORD
NAME
Aaron M. Mefford
SIGNATURE
05-16-06
DATE
11-30-07
EXPIRES

DETAILS OF SURFACING AT INTERSECTIONS AND SIDEROADS

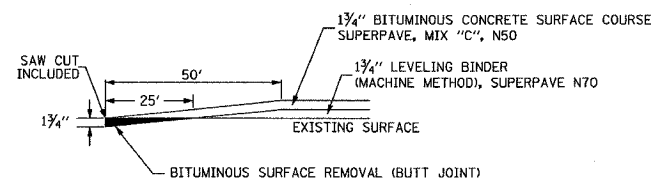
F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
880	93-0075-00-RS	HAMILTON	5	3
FED. ROAD DIST. NO. 1		ILLINOIS	DAHLOREN ROAD (EAST)	
PROJECT RS-880(105)		CONTRACT # 93263		
LEC JOB # H051007HM				

DETAIL OF TAPER AND RAILROAD CROSSING
STA. 0+00 TO STA 2+25

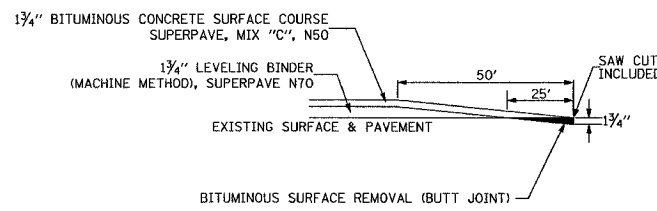


NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 135.6 TONS OF MATERIAL FROM STATION 0+00 TO STATION 1+61.9 AND 23.5 TONS OF MATERIAL FOR THE RAILROAD OMISSION FROM STATION 1+74.5 TO STATION 2+24.5.

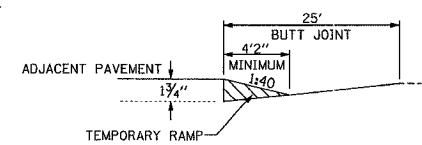
BUTT JOINT DETAIL
STA 1+74.5 TO STA 2+24.5



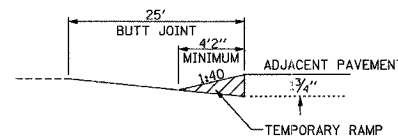
BUTT JOINT DETAIL
STA 1+11.9 TO STA 1+61.9



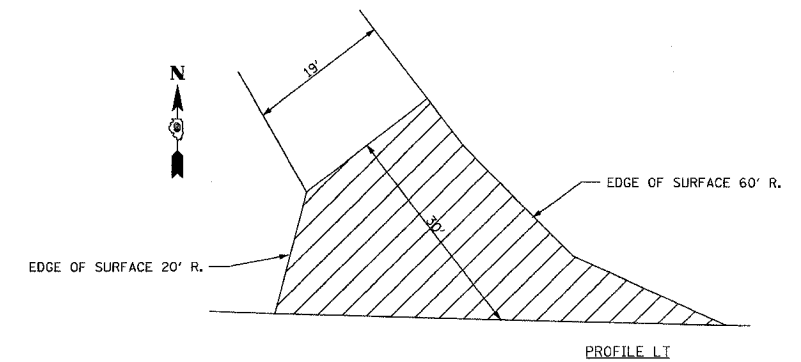
TEMPORARY RAMP DETAIL
STA 1+74.5 TO STA 1+78.67



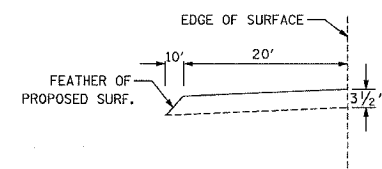
TEMPORARY RAMP DETAIL
STA 1+57.73 TO STA 1+61.9



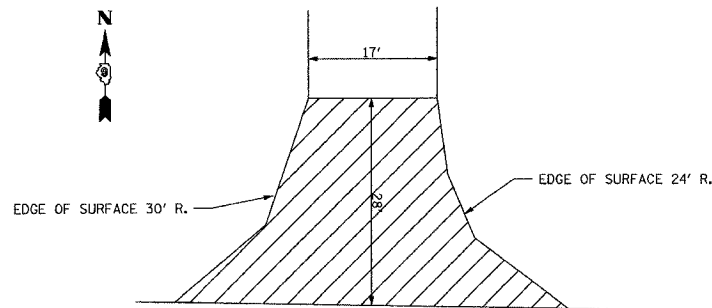
DETAIL OF INTERSECTION LT. STA. 2+65



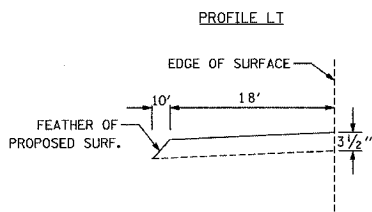
NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 18.9 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.



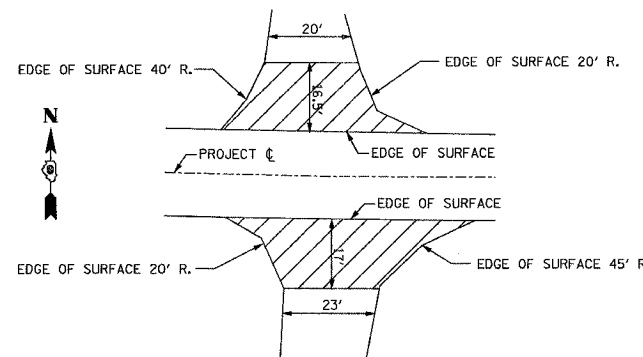
DETAIL OF INTERSECTION LT. STA. 3+35



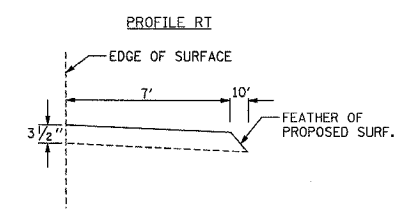
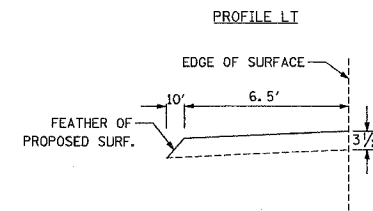
NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 17.4 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.



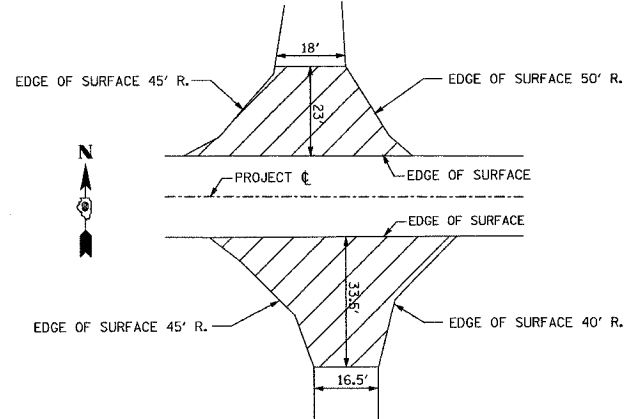
DETAIL OF INTERSECTION LT. STA. 49+30 & RT. 49+36



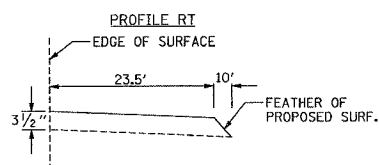
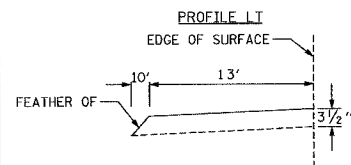
NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 11.4 TONS OF MATERIAL FOR THE SIDEROAD LT. APPROACH AND RADII AND 13.4 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII.



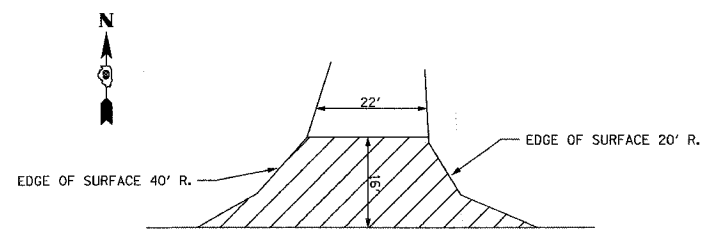
DETAIL OF INTERSECTION LT. STA. 102+50 & RT. STA. 102+58



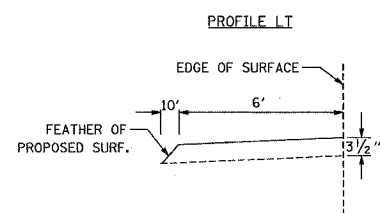
NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 17.3 TONS OF MATERIAL FOR THE SIDEROAD LT. APPROACH AND RADII AND 24.3 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII.



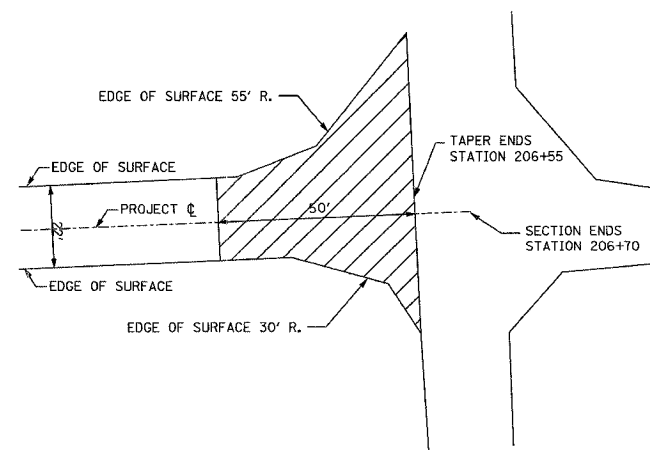
DETAIL OF INTERSECTION LT. STA. 154+66



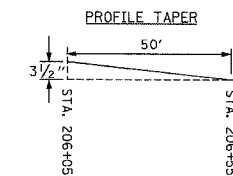
NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 12.8 TONS OF MATERIAL FOR THE SIDEROAD APPROACH AND RADII.



DETAIL OF TAPER STA. 206+00 TO STA 206+25



NOTE: THE QUANTITY SHOWN FOR BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 INCLUDES 37.0 TONS OF MATERIAL FOR THE TAPER FROM STATION 206+05 TO STATION 206+55



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AARON M. MEFFORD
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880	93-0076-00-RS	HAMILTON	6	4
FED. ROAD DIST. NO. 1		ILLINOIS	DAHLGREN ROAD (EAST)	
PROJECT RS-880(105)		CONTRACT # 98263		
LEC JOB # H051007HM				

SCHEDULE OF PAVEMENT MARKINGS

STATION	TO	STATION	LOCATION	LENGTH - FOOT	
0+00		206+70	CENTERLINE	4554	
			EDGELINE		
0+00		1+78	RT.	178	
1+91		49+16	RT.	4725	
49+53		102+40	RT.	5287	
102+72		206+55	RT.	10383	
			EDGELINE		
0+00		1+47	LT.	147	
1+61		2+38	LT.	77	
2+79		3+16	LT.	37	
3+53		49+11	LT.	4558	
49+41		102+30	LT.	5289	
102+63		154+47	LT.	5184	
154+82		206+55	LT.	5173	
			NO. PASSING		
0+43		14+50	LT.	1407	
0+85		1+65	RT.	80	
8+75		22+00	RT.	1325	
22+00		33+75	LT.	1175	
46+00		55+75	RT.	975	
57+50		69+00	LT.	1150	
67+00		89+50	RT.	2250	
78+00		103+50	LT.	2550	
106+50		121+00	RT.	1450	
121+00		133+75	LT.	1275	
130+25		145+75	RT.	1550	
144+75		158+25	LT.	1350	
				TOTAL	62,129

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
2+64	RT.	4.8
7+46	RT.	4.0
10+52	RT.	3.0
13+14	RT.	3.0
30+12	RT.	4.0
32+17	RT.	4.2
37+16	RT.	2.0
40+95	RT.	3.4
45+50	RT.	2.1
55+68	RT.	4.9
56+78	RT.	5.0
63+20	RT.	4.7
76+99	RT.	4.8
88+08	RT.	5.3
88+61	RT.	5.3
90+26	RT.	5.3
97+94	RT.	5.1
103+57	RT.	5.1
109+65	RT.	6.5
114+17	RT.	4.5
129+24	RT.	4.5
134+45	RT.	3.8
139+34	RT.	6.5
188+90 & 189+01	RT.	4.0
190+78	RT.	4.0
192+63	RT.	5.5
		115.3

THE ABOVE QUANTITY IS INCLUDED IN THE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 IN THE SUMMARY OF QUANTITIES.

SCHEDULE OF AGGREGATE SHOULDER STONE IN TANGENT

STATION	TO	STATION	LOCATION	ALLOWED TONS EST. QUANTITY	
0+00		206+70	LT.	1075.8	
0+00		206+70	RT.	1015.8	
				TOTAL	2091.6

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

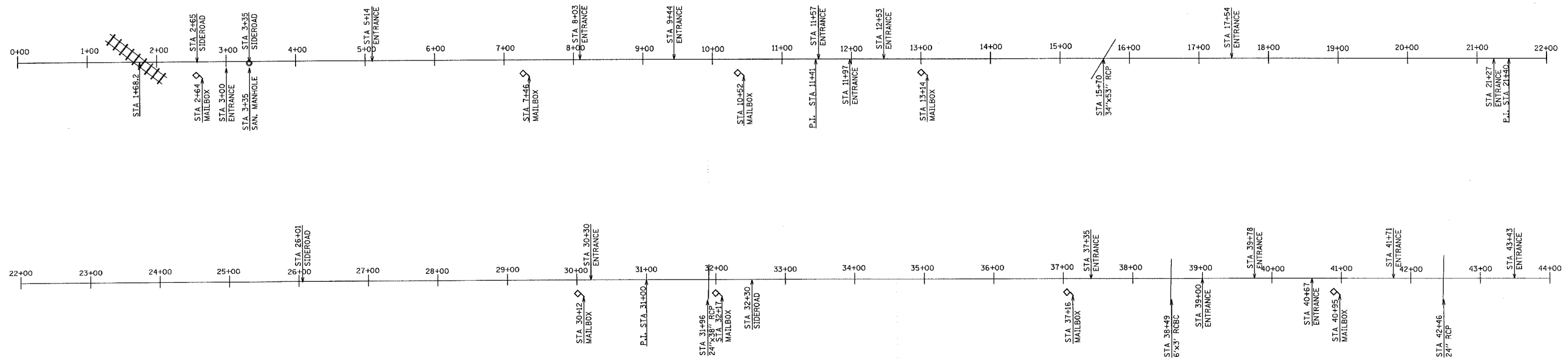
SCHEDULE OF PRIVATE AND FIELD ENTRANCES

STATION	LOCATION	RC SC SUPER "C" N50 (IN TONS)
3+00	RT	1.7
5+14	LT	2.0
8+03	LT	4.5
9+44	LT	1.8
11+57	LT	2.1
11+97	RT	17.8
12+53	LT	2.1
17+54	LT	2.6
21+27	RT	2.2
26+01	LT	2.4
30+30	LT	3.5
32+60	RT	4.6
37+35	LT	3.6
39+00	RT	2.3
39+78	LT	2.2
40+67	RT	2.8
41+71	LT	1.9
43+43	LT	1.5
45+72	RT	2.5
49+77	LT	2.7
50+07	RT	2.6
50+57	LT	3.0
51+82	LT	2.9
53+77	LT	2.9
55+74	LT	2.6
56+06	RT	2.2
56+60	LT	1.9
57+39	RT	2.8
63+39	LT	2.5
63+41	RT	2.5
69+00	LT	1.6
77+22	LT	2.5
77+33	RT	1.8
81+65	LT	1.8
88+06	LT	2.8
88+96	RT	1.5
89+29	RT	3.6
90+56	LT	3.4

SCHEDULE OF PRIVATE AND FIELD ENTRANCES

STATION	LOCATION	RC SC SUPER "C" N50 (IN TONS)
90+70	RT	3.8
91+18	LT	2.0
98+31	LT	4.9
98+43	RT	3.6
99+64	LT	1.2
103+92	RT	3.9
105+73	RT	3.1
109+72	LT	1.7
112+19	LT	1.8
114+55	RT	3.9
114+63	LT	1.3
120+63	RT	4.3
120+84	LT	1.6
129+58	LT	3.1
134+70	RT	2.9
137+66	LT	2.8
139+66	LT	3.0
145+53	LT	2.2
154+57	RT	1.7
175+67	RT	2.9
175+91	LT	2.7
176+87	LT	3.0
177+16	RT	3.3
180+72	RT	5.1
180+79	LT	2.3
187+18	LT	4.8
189+01	LT	2.6
189+24	RT	2.5
190+77	LT	2.3
192+65	LT	2.8
194+40	LT	3.2
TOTAL		202.0

THE ABOVE QUANTITY IS INCLUDED IN THE BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 IN THE SUMMARY OF QUANTITIES.

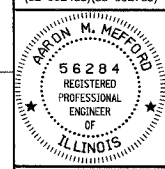


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405 W. STATE ST.
SUITE 1
PRINCETON, IN
47370
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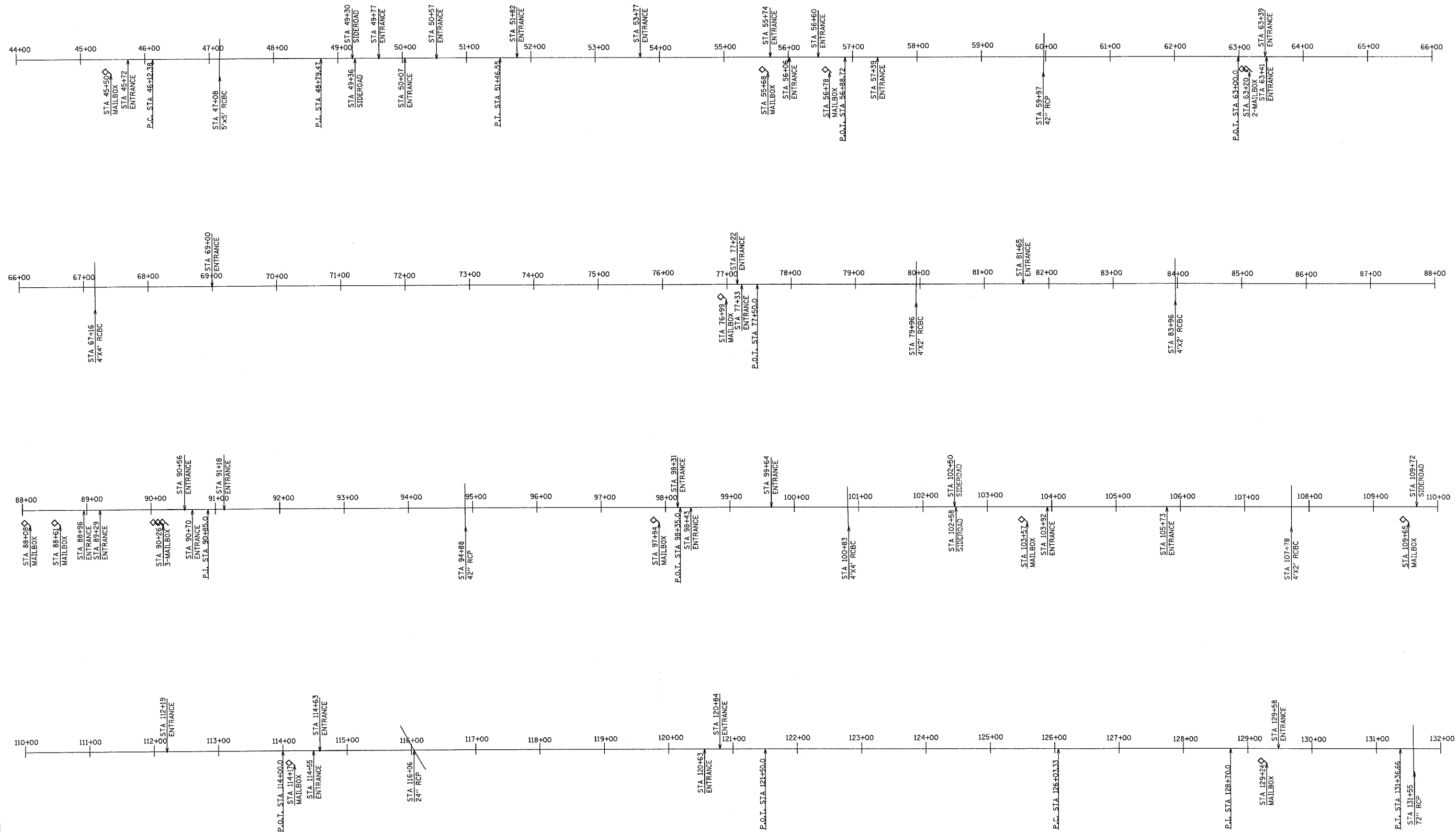


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184-000887
(62-032435)(35-002769)



AARON M. MEEFORD
NAME
SIGNATURE
DATE
11-30-07
EXPIRES

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
880	83-00876-00-RS	HAMILTON	6	5
FED. ROAD DIST. NO. 1		ILLINOIS	DAHLGREN ROAD (EAST)	
PROJECT RS-880(105)		CONTRACT # 99263		
LEC JOB # H05L097HM				



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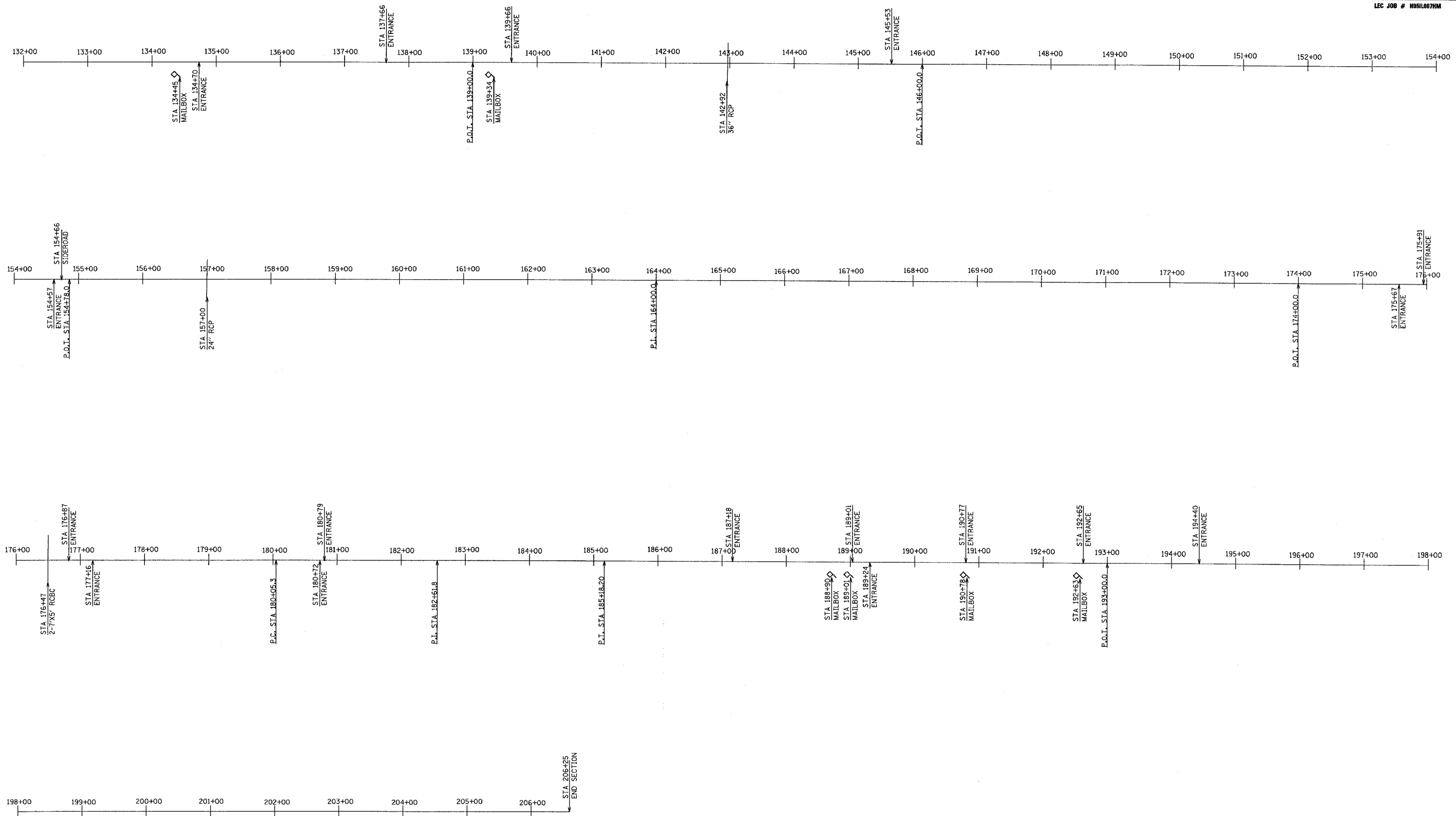


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AARON M. MEFFORD
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DATE
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EXPIRES

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	92-00076-00-RS	HAMILTON	6	6
FED. ROAD DIST. NO. 1		ILLINOIS	DAHLGREN ROAD (EAST)	
PROJECT RS-800(105)			CONTRACT # 90263	
LEC JOB # H051007HM				

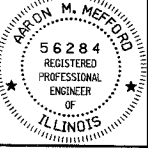


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