

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	07-00077-00-RS	WABASH	7	1
FED. ROAD DIST. NO. 7	ILLINOIS	LANCASTER-ALLENDALE RD		
LEC JOB # HY1011WB		CONTRACT # 95740		

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS, SUMMARY OF QUANTITIES, GENERAL NOTES
3	DETAILS OF INTERSECTIONS, SIDEROADS, AND TAPERS
4	DETAILS OF SIDEROADS, MISCELLANEOUS DETAILS
5	SCHEDULES
6	STATION A89+71.38 ENTRANCE IMPROVEMENT
7	STORM SEWER PROFILES & STATION A89+71.3 CROSS SECTIONS

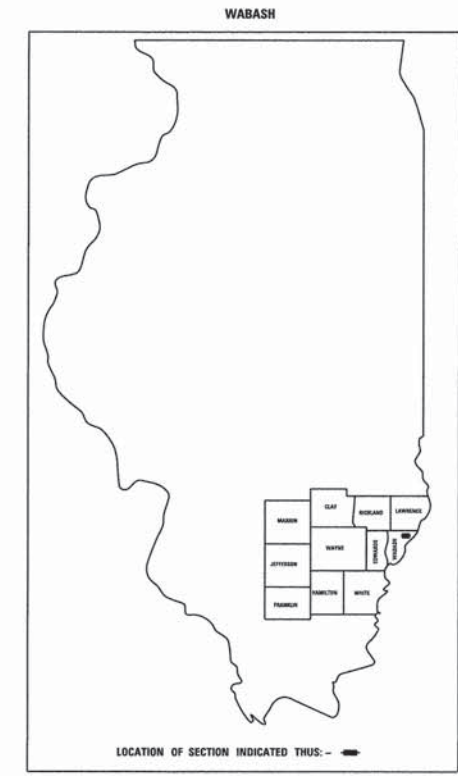
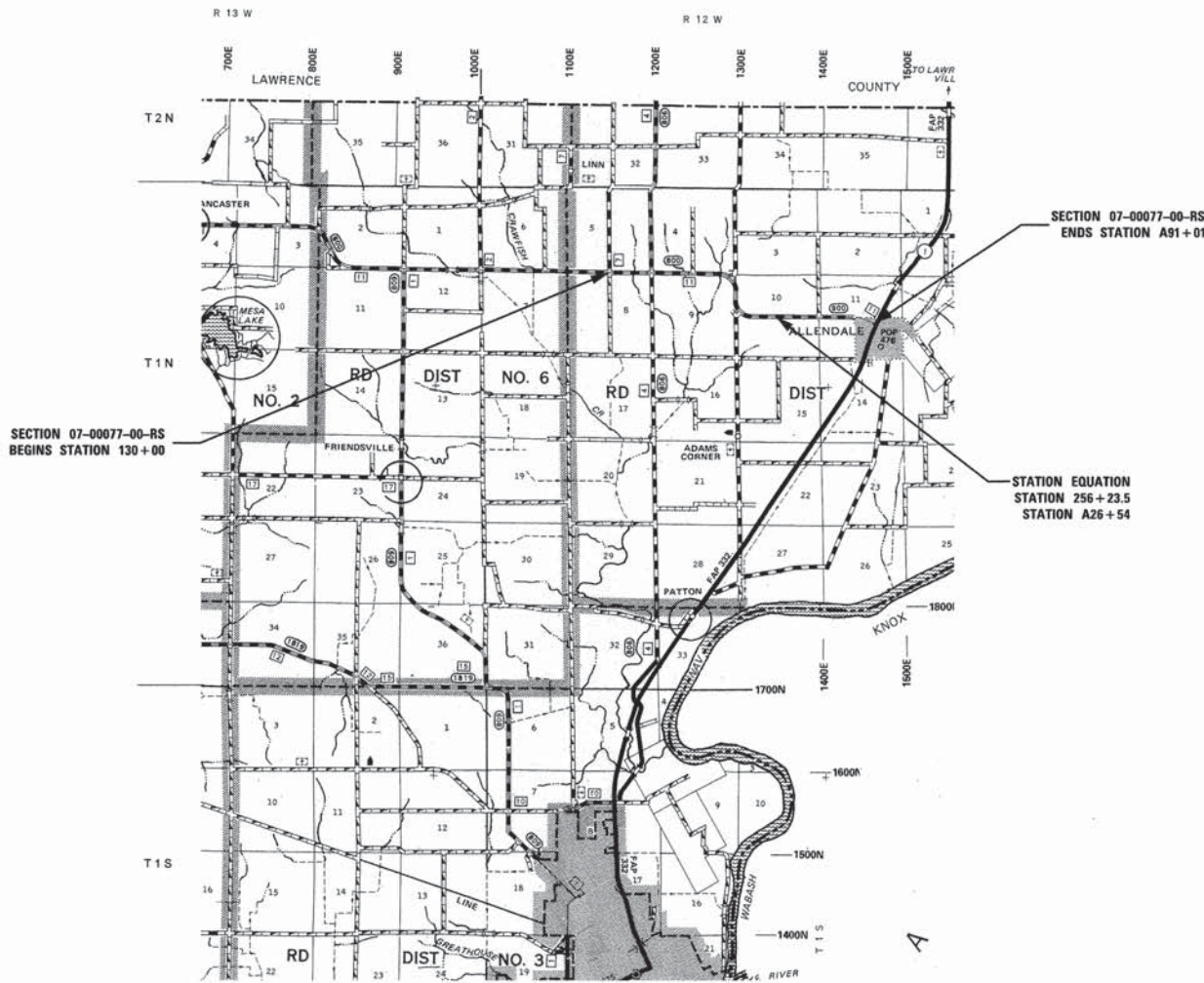
HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS
406201-01	MAILBOX TURNOUT
420001-07	PAVEMENT JOINTS
420701-02	PAVEMENT FABRIC
542306-02	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
602401-03	MANHOLE TYPE A
604001-03	FRAME AND LIDS TYPE 1
701006-05	OFF-RD OPERATIONS 2L, 2W, 4.5 m (15') TO PAVEMENT EDGE FOR SPEEDS ≥ 45 MPH
701301-04	LANE CLOSURE 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE 2L, 2W, SLOW MOVING OPERATIONS - DAY ONLY FOR SPEEDS ≥ 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701336-06	LANE CLOSURE 2L, 2W, WORK AREAS IN SERIES FOR SPEEDS ≥ 45 MPH
701901-03	TRAFFIC CONTROL DEVICES
780001-04	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

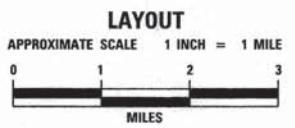
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLANS FOR PROPOSED FEDERAL-AID SECONDARY PROJECT

F.A.S. 800 (CH 11) SECTION 07-00077-00-RS WABASH COUNTY
PROJECT RS-800(124) JOB NO. C-97-049-13



Know what's below.
Call before you dig.



GROSS LENGTH	19,070.50 FT	3.612 MILES
NET LENGTH	19,070.50 FT	3.612 MILES

CONTRACT NO. = 95740
DESIGN CLASS - MAJOR COLLECTOR
CURRENT A.D.T. = 600
DESIGN SPEED = 50 MPH

323 W. 3RD ST.
P.O. BOX 180
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62863
PHONE:
(618)-262-8651
FAX:
(618)-263-3327



PROFESSIONAL DESIGN FIRM
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION
184-000867
(62-032435)(35-002769)



AARON M. MEFFORD
NAME
Aaron Mefford
SIGNATURE
4-8-14
DATE
11-30-15
EXPIRES

APPROVED APRIL 10TH 20 14
[Signature]
COUNTY ENGINEER

PASSED April 22 20 14
Marene Kostl
DISTRICT SEVEN ENGINEER OF
LOCAL ROADS & STREETS

Releasing For Bid Based on Limited Review April 22 20 14
Roger L. Quabell
DEPUTY DIRECTOR OF HIGHWAYS,
REGION FOUR ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	07-0077-00-RS	WABASH	7	2
FED. ROAD DIST. NO. 1	ILLINOIS	LANCASTER-ALLEDALE RD		
LEC JOB # H11011WB	CONTRACT # 95740			

SCHEDULE FOR SUPERELEVATION RATES

CURVE #1	CURVE #2
TANGENT RUNOFF BEGINS STA. 199+69.80	TANGENT RUNOFF BEGINS STA. 222+38.27
S.E. RUNOFF BEGINS STA. 200+02.80	S.E. RUNOFF BEGINS STA. 222+71.27
FULL S.E. BEGINS STA. 201+78.80	FULL S.E. BEGINS STA. 224+47.27
FULL S.E. ENDS STA. 216+11.01	FULL S.E. ENDS STA. 238+81.89
S.E. RUNOFF ENDS STA. 2217+87.01	S.E. RUNOFF ENDS STA. 240+57.89
TANGENT RUNOFF ENDS STA. 218+20.01	TANGENT RUNOFF ENDS STA. 240+90.89
S.E. RATE = 0.080 FT / FT	S.E. RATE = 0.080 FT / FT

CURVE #4

TANGENT RUNOFF BEGINS STA. A78+16.84
S.E. RUNOFF BEGINS STA. A78+49.84
FULL S.E. BEGINS STA. A80+03.84
FULL S.E. ENDS STA. A84+44.09
S.E. RUNOFF ENDS STA. A85+98.09
TANGENT RUNOFF ENDS STA. A86+31.09
S.E. RATE = 0.070 FT / FT

UTILITIES

RURAL WABASH WATER DISTRICT P.O. BOX 55 LANCASTER, IL 62855 618-665-3311	FRONTIER TELEPHONE CO. 200 WEST CHERRY STREET CARM, IL 62821 618-382-2887	J.U.L.I.E. 800-892-0123
MT. CARMEL PUBLIC UTILITY 316 MARKET STREET MT. CARMEL, IL 62863 618-262-5151	NORRIS ELECTRIC COOP. RT. 130 SOUTH NEWTON, IL 62448 618-299-6101	

SUMMARY OF QUANTITIES

QUANTITY	UNIT	ITEM	CODE NUMBER
785.1	SO YD	AGGREGATE BASE COURSE, TYPE B 4"	35101600
2171	GALLON	BITUMINOUS MATERIALS (PRIME COAT)	40600100
4097	TON	LEVELING BINDER (MACHINE METHOD), N70	40600635
3227	TON	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	40603315
698.5	SO YD	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)	42000301
698.5	SO YD	PAVEMENT FABRIC	42001200
2467	TON	AGGREGATE SHOULDERS, TYPE B	48101200
6	FOOT	PIPE CULVERTS, SPECIAL 30"	54205065
12	FOOT	PIPE CULVERTS, SPECIAL 36"	54205071
12	FOOT	PIPE CULVERTS, SPECIAL 48"	54205083
3	EACH	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"	54214503
47	CU YD	CONCRETE COLLAR	54248510
216	FOOT	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	550A4000
17.3	CU YD	CONTROLLED LOW-STRENGTH MATERIAL	59300100
1	EACH	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	60218300
1	L SUM	MOBILIZATION	67100100
1	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	70100460
1	L SUM	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	70100600
3532	FOOT	SHORT TERM PAVEMENT MARKING	70300100
61,134	FOOT	PAINT PAVEMENT MARKING-LINE 4"	78001110 *
320	EACH	RAISED REFLECTIVE PAVEMENT MARKER	78100100 *
37	EACH	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	78300200 *
2	UNIT	GRADING AND SHAPING SHOULDERS	X2020110
12	FOOT	REMOVE AND RE-INSTALL PIPE CULVERTS	X5000015
1907	FOOT	SHORT TERM PAVEMENT MARKING REMOVAL	XX003140
111	TON	PAVEMENT REMOVAL AND REPLACEMENT (SPECIAL)	XX127400

* SPECIALTY ITEMS

GENERAL NOTES:

THIS SECTION CONSISTS OF LEVELING BINDER (MACHINE METHOD), N70, AND HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70, 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, 2012.

THE EXISTING GRADE, ALIGNMENT, DRAINAGE STRUCTURES, BASE AND SURFACE WERE CONSTRUCTED UNDER SECTIONS 270, 4-10, 86-00050-00-RS 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	+4.32 %
MINIMUM STOPPING SIGHT DISTANCE	445 FT
DESIGN SPEED	50 MPH
CURRENT ADT	600 VPD
DESIGN ADT (20 YEAR)	750 VPD

THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 SHALL BE PLACED IN ONE LIFT WITH A MINIMUM THICKNESS OF 1 1/4".

THE QUANTITY SHOWN IN THE SUMMARY OF QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 ALLOWS 135 TON FOR THE INTERSECTIONS, SIDEROADS, AND TAPERS; 109 TON FOR THE ENTRANCES; 43 TON FOR THE MAILBOX TURNOUTS, AND 2940 TON FOR THE 1 1/4" HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70.

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
AGGREGATE PRIME COAT	0.001 T / SQ YD
BITUMINOUS MATERIAL (PRIME COAT)	0.05 GAL / SQ YD

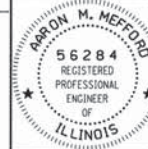
GRADING AND SHAPING DITCHES SHALL BE INCLUDED IN THE PRICE FOR REMOVE AND RE-INSTALL PIPE CULVERTS.

ALL DISTURBED AREAS ARE TO BE SEED BY THE COUNTY.

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62863
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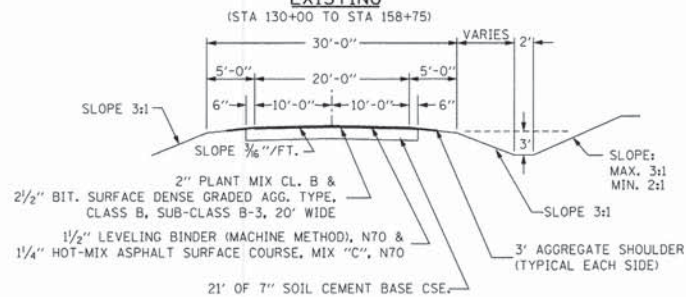
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION
184-000687
(62-032435)(35-002769)



AARON M. MEFFORD
NAME
Signature
DATE
11-30-15
EXPIRES

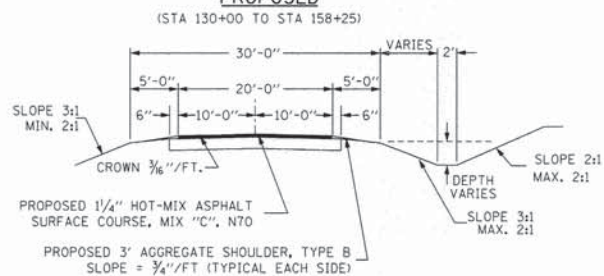
TYPICAL CROSS SECTION

EXISTING

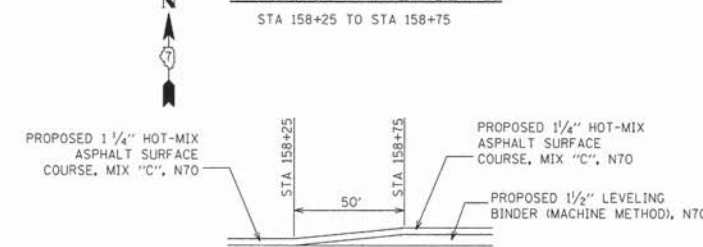


TYPICAL CROSS SECTION

PROPOSED

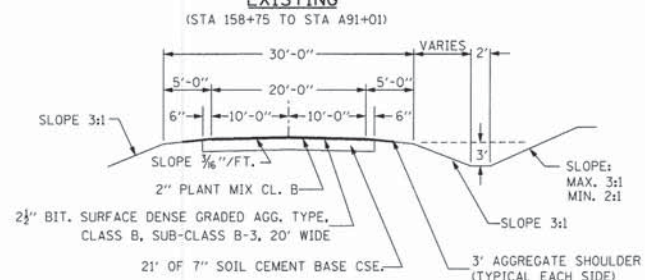


TRANSITION TAPER DETAIL



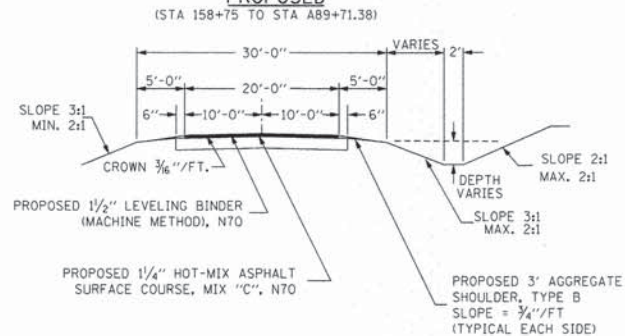
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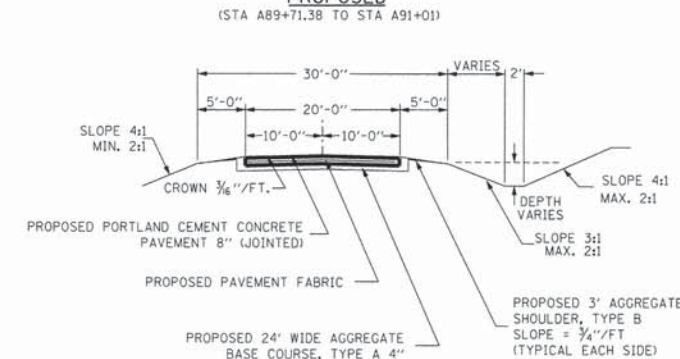
TYPICAL CROSS SECTION

PROPOSED



TYPICAL CROSS SECTION

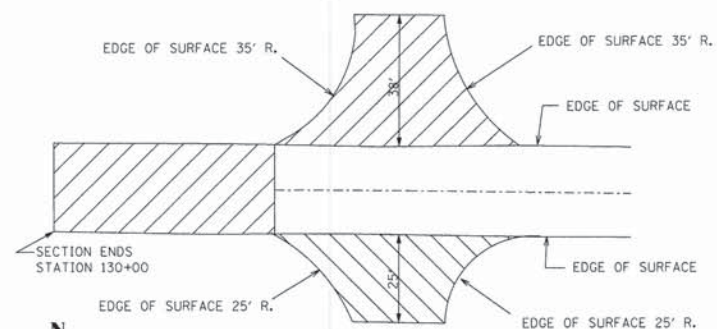
PROPOSED



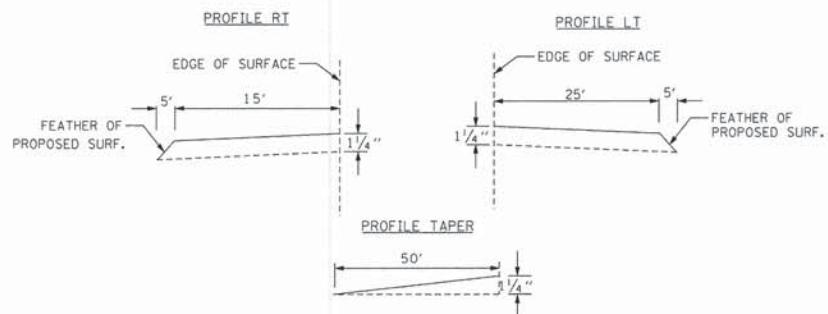
DETAILS OF SURFACING AT INTERSECTIONS AND SIDEROADS

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	07-00077-00-RS	WABASH	7	3
FED. ROAD DIST. NO. 7	ILLINOIS	LANCASTER-ALLEDALE RD		
LEC JOB # H111011WB			CONTRACT # 95740	

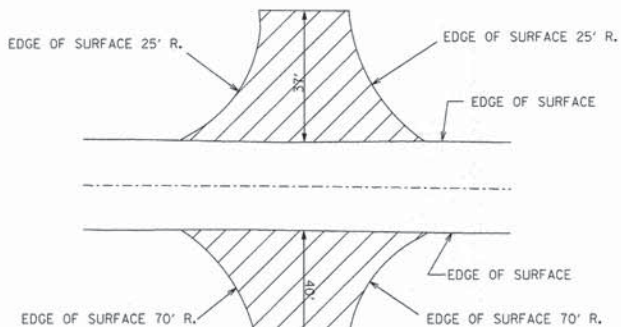
DETAIL OF INTERSECTION 130+50 LT AND RT AND TAPER STA. 130+00 TO STA. 130+50



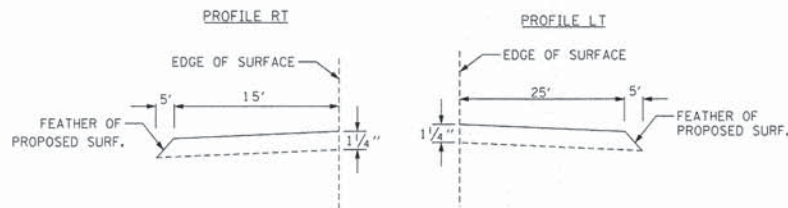
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 11.6 TONS OF MATERIAL FOR THE SIDEROAD LT APPROACH AND RADII AND 6.4 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII; AND 3.9 TONS OF MATERIAL FOR THE TAPER FROM STATION 130+00 TO STATION 130+50.



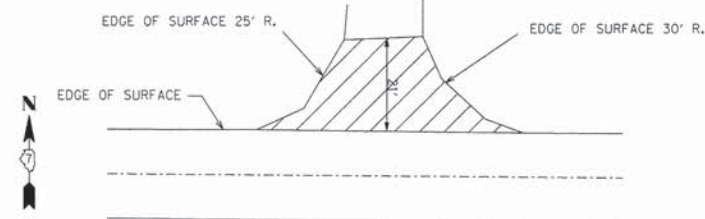
DETAIL OF INTERSECTION 158+02 LT AND RT



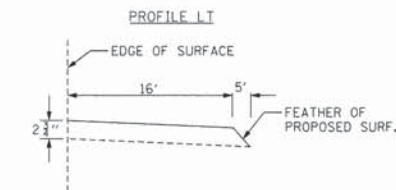
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 16.6 TONS OF MATERIAL FOR THE SIDEROAD LT APPROACH AND RADII; 11.4 TONS OF MATERIAL FOR THE SIDEROAD RT. APPROACH AND RADII.



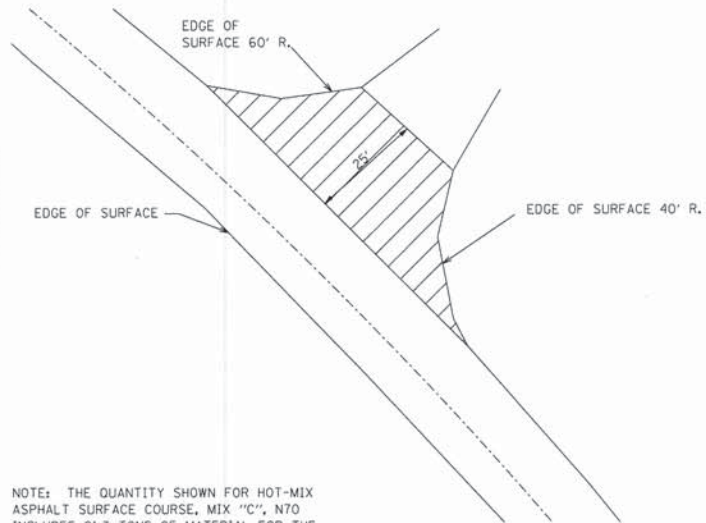
DETAIL OF INTERSECTION 184+64 LT



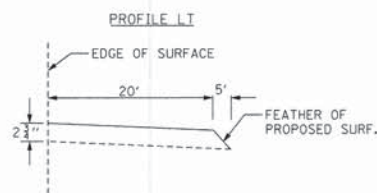
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 11.7 TONS OF MATERIAL FOR THE SIDEROAD LT



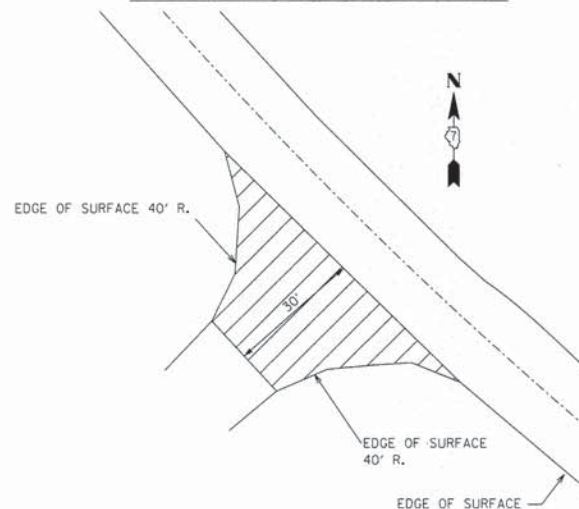
DETAIL OF INTERSECTION 208+89 LT



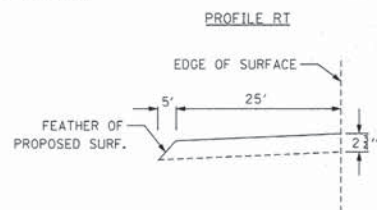
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 21.3 TONS OF MATERIAL FOR THE SIDEROAD LT



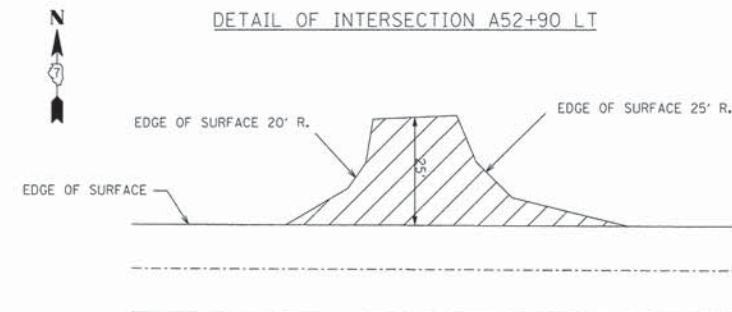
DETAIL OF INTERSECTION 231+65 RT



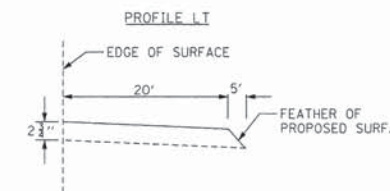
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 20.4 TONS OF MATERIAL FOR THE SIDEROAD RT



DETAIL OF INTERSECTION A52+90 LT



NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 14.6 TONS OF MATERIAL FOR THE SIDEROAD LT



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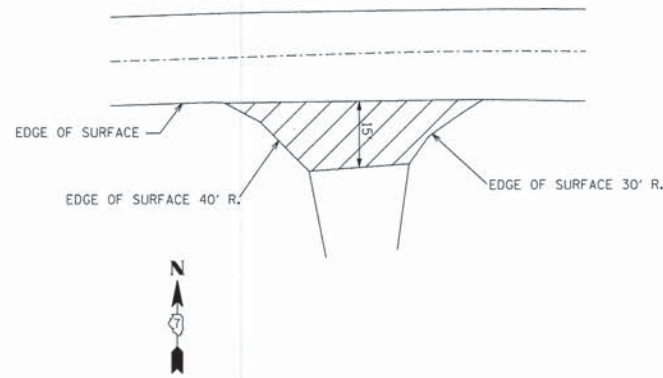
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184-00087
(62-032435)(35-002769)



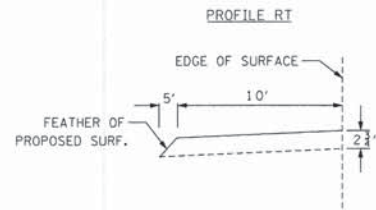
AARON M. MEFFORD
NAME
Aaron Mefford
SIGNATURE
4-8-14
DATE
11-30-15
EXPIRES

DETAILS OF SURFACING AT INTERSECTIONS AND SIDEROADS

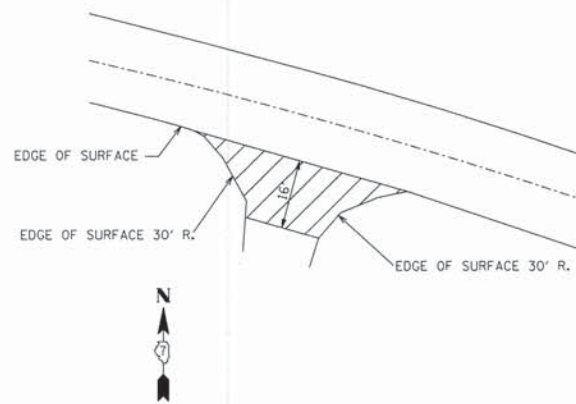
DETAIL OF INTERSECTION A79+55 RT



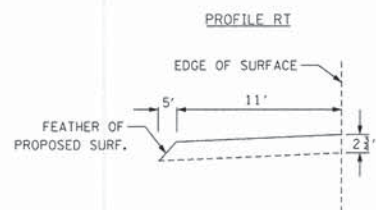
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 9.8 TONS OF MATERIAL FOR THE SIDEROAD RT



DETAIL OF INTERSECTION A83+19 RT



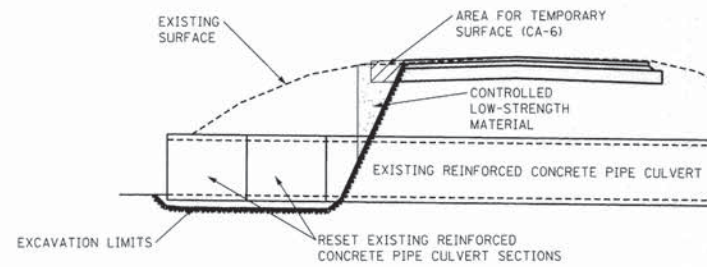
NOTE: THE QUANTITY SHOWN FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 INCLUDES 7.8 TONS OF MATERIAL FOR THE SIDEROAD RT



SCHEDULE OF REMOVE AND RE-INSTALL PIPE CULVERT

STATION	LOCATION	SIZE	LENGTH	CONTROLLED LOW-STRENGTH MATERIAL	TEMPORARY SURFACE (CA-6)	CENTERLINE ELEVATION	PIPE FLOW LINE ELEVATION
218+67	LT.	30"	12'	1.3 CY TOTAL 1.3 CY	1.0 T TOTAL 1.0 T	453.0	446.7

CULVERT FLOWLINES SHALL MATCH EXISTING FLOWLINES

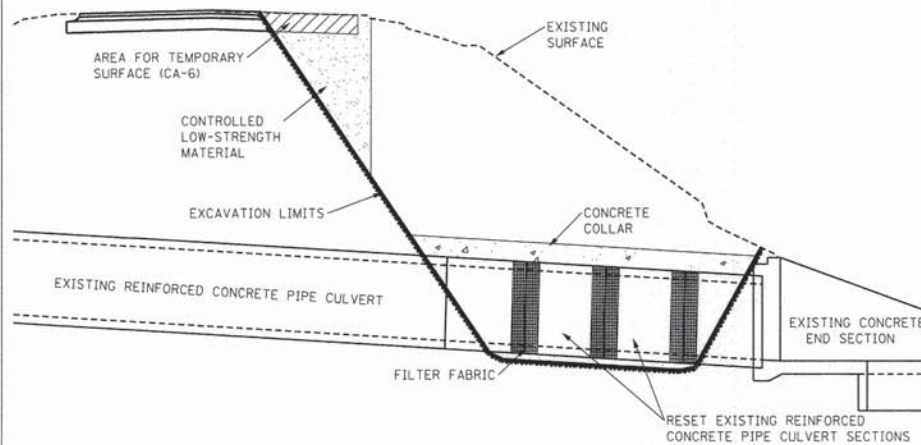


PROPOSED CROSS SECTION AT REMOVE AND RE-INSTALL PIPE CULVERT

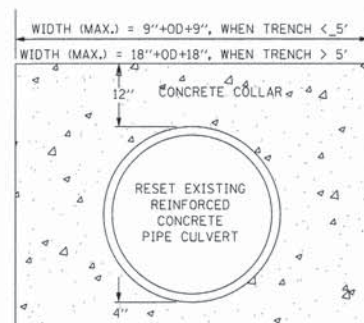
SCHEDULE OF PIPE CULVERTS, SPECIAL

STATION	LOCATION	SIZE	LENGTH	CONCRETE COLLAR	CONTROLLED LOW-STRENGTH MATERIAL	TEMPORARY SURFACE (CA6)	CENTERLINE ELEVATION	PIPE FLOW LINE ELEVATION
187+91	RT.	48"	12'	23.0 CY	8.0 CY	3.7 T	458.5	440.8
192+36	RT.	30"	6'	7.0 CY	0.0 CY	0.0 T	459.7	449.2
A61+41	LT.	36"	12'	17.0 CY	8.0 CY	3.0 T	488.9	476.0
				TOTAL 47.0 CY	TOTAL 16.0 CY	TOTAL 6.7 T		

CULVERT FLOWLINES SHALL MATCH EXISTING FLOWLINES



PROPOSED CROSS SECTION AT PIPE CULVERTS, SPECIAL



DETAIL OF PIPE CULVERTS, SPECIAL

NOTE:

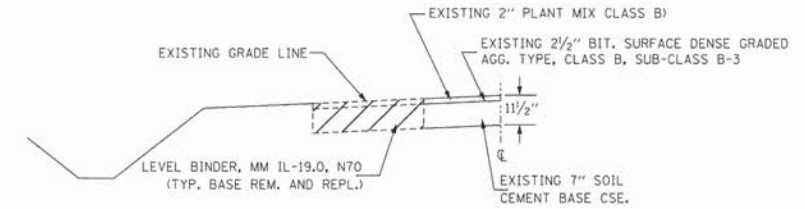
AREA WITHIN 2 FOOT OF EDGE OF PAVEMENT SHALL HAVE CONTROLLED LOW-STRENGTH MATERIAL PLACED FOR BACKFILL.

AREA BEYOND 2 FOOT OF EDGE OF PAVEMENT SHALL HAVE THE EXISTING SOIL USED FOR BACKFILL AND COMPACTED IN PLACE, AS PER "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2012.

FILTER FABRIC SHALL BE WRAPPED AROUND EACH JOINT THAT IS RESET. THE FABRIC SHALL EXTEND A MINIMUM OF 2 FEET BEYOND EACH SIDE OF THE JOINT.

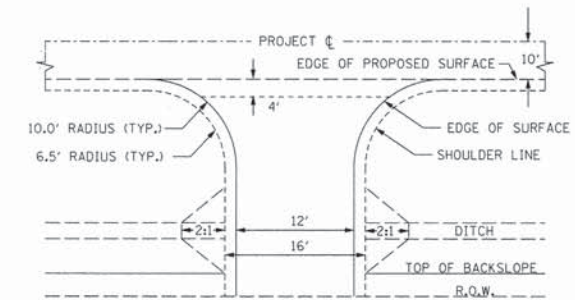
THE EXCAVATED AREA SHALL BE GRADED TO MATCH THE EXISTING SURFACE AS PER ENGINEER APPROVAL.

DETAIL OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL



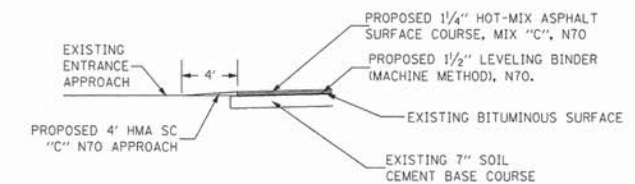
NOTE: IN THE TYPICAL DETAIL ABOVE THE DISTANCE FROM THE CENTERLINE LEFT OR RIGHT AND THE WIDTH OF PAVEMENT REMOVAL AND REPLACEMENT VARIES. SEE SCHEDULE OF PAVEMENT REMOVAL AND REPLACEMENT SPECIAL FOR PROPOSED LOCATIONS.

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", N70 FOR THE PRIVATE ENTRANCES AND THE FIELD ENTRANCES. THIS QUANTITY IS INCLUDED IN THE QUANTITY FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70.

PRIVATE & FIELD ENTRANCE APPROACH DETAIL



F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	07-00077-00-RS	WABASH	7	4

FED. ROAD DIST. NO. 7	ILLINOIS	LANCASTER-ALLEDALE RD
LEC JOB # H111011WB		CONTRACT # 95740

323 W. 3RD ST.
P.O. BOX 160
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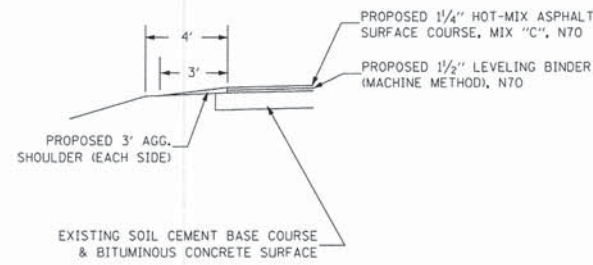


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184-000887
(62-032435)(35-002769)



AARON M. MEFFORD
NAME
SIGNATURE
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EXPIRES

AGGREGATE SHOULDER DETAIL



SCHEDULE OF AGGREGATE SHOULDER STONE IN SUPERELEVATION

STATION	TO	STATION	LOCATION	TONS
199+69.8		218+20.01	LT.	94.4
222+38.27		240+90.89	LT.	192.8
A78+16.84		A86+31.09	LT.	70.1
199+69.80		218+20.01	RT.	177.7
222+38.27		240+90.89	RT.	98.2
A78+16.84		A86+31.09	RT.	59.5
TOTAL				692.7

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 TANGENT

STATION	TO	STATION	LOCATION	TONS
130+00		158+75	LT.	43.1
158+75		199+69.8	LT.	204.8
218+20.01		222+38.27	LT.	31.4
240+90.89		256+23.50	LT.	110.4
A26+54		A78+16.84	LT.	371.9
A86+31.09		A90+51.0	LT.	38.7
130+00		158+75	RT.	43.1
158+75		199+69.8	RT.	307.3
218+20.01		222+38.27	RT.	28.5
240+90.89		256+23.50	RT.	128.8
A26+54		A78+16.84	RT.	433.9
A86+31.09		A90+51.0	RT.	32.3
TOTAL				1774.2

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 PAVEMENT MARKINGS

STATION	TO	STATION	LOCATION	LENGTH - FOOT
CENTERLINE				
130+00		A91+01	CL	3478
EDGE LINE				
130+00		130+35	RT.	35
130+70		157+70	RT.	2700
158+20		231+43	RT.	7323
231+90		A79+34	RT.	7714
A79+75		A83+02	RT.	327
A83+36		A91+01	RT.	765
EDGE LINE				
130+00		130+30	LT.	30
130+70		157+80	LT.	2710
158+20		184+45	LT.	2625
184+85		208+63	LT.	2378
209+17		A52+73	LT.	7326
A53+13		A91+01	LT.	3788
NO PASSING				
130+00		131+50	RT.	150
130+00		144+00	LT.	1400
148+40		169+55	RT.	2115
164+07		178+06	LT.	1399
192+64		238+93	RT.	4629
201+92		247+53	LT.	4561
251+51		A33+50	RT.	1169
A30+84		A41+93	LT.	1109
A47+78		A52+92	RT.	514
A56+75		A61+94	LT.	519
A66+76		A82+17	RT.	1541
A75+73		A84+02	LT.	829
TOTAL				61,134

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

SCHEDULE OF PAV'T REMOVAL AND REPLACEMENT SPECIAL

STATION	TO	STATION	LOCATION	WIDTH (FEET)	SQ. YD.	TON
187+91		PIPE CULVERT	RT. EDGE	9.8	8.2	5.3
218+67		PIPE CULVERT	RT. EDGE	8.1	2.3	1.4
215+72		216+28	RT. EDGE	5.0	31.1	20.0
227+22		227+58	LT. EDGE	4.0	16.0	10.3
229+00		229+31	LT. EDGE	4.0	13.8	8.9
231+84		232+57	LT. EDGE	4.0	32.4	20.9
233+92		234+33	LT. EDGE	4.0	18.2	11.7
A31+41		A32+09	RT. EDGE	4.0	30.2	19.5
A33+99		A34+41	LT. EDGE	3.0	14.0	9.0
A61+41		PIPE CULVERT	LT. EDGE	8.7	6.8	4.4
TOTALS					173.0	111.4

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.

SCHEDULE OF PRIVATE AND FIELD ENTRANCES

STATION	LOCATION	EST. QUANTITY ALLOWED TONS
134+58	LT	0.7
136+36	RT	1.0
144+40	RT	0.9
144+41	LT	0.6
145+55	RT	0.8
156+82	LT	1.5
160+67	RT	3.0
160+76	LT	2.0
162+37	RT	2.6
164+22	LT	3.5
164+90	RT	1.8
168+83	RT	1.9
169+71	LT	4.9
172+74	LT	1.5
172+78	RT	1.8
175+68	RT	1.6
179+10	LT	2.0
184+50	RT	2.1
185+86	LT	2.2
188+80	LT	1.6
189+75	LT	2.0
191+02	LT	2.0
192+79	RT	1.9
197+83	RT	2.5
198+56	LT	2.2
207+79	RT	2.8
213+49	LT	1.7
215+14	RT	2.0
219+01	LT	2.6
220+53	LT	2.2
221+35	RT	2.6
232+10	LT	1.9
239+58	LT	1.6
248+19	LT	2.5
A31+21	RT	3.3
A34+00	LT	3.4
A41+26	LT	3.0
A45+28	RT	2.6
A50+82	LT	2.6
A52+94	RT	3.7
A66+03	LT	2.7
A66+06	RT	2.8
A66+59	RT	2.3
A66+87	LT	2.0
A73+45	LT	3.4
A75+45	LT	3.5
A79+81	LT	2.2
A87+18	LT	2.8
TOTAL		108.8

THE ABOVE QUANTITY IS INCLUDED IN THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 IN THE SUMMARY OF QUANTITIES.

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

STATION	STATION	EACH
130+00	158+75	37
		37

SCHEDULE OF MAILBOX TURNOUTS

STATION	LOCATION	TONS
136+56	LT.	2.7
144+66	LT.	1.7
160+41	RT.	2.8
162+66	RT.	3.4
170+03	RT.	4.7
179+08	RT.	4.3
189+59	RT.	3.5
191+16	RT.	3.2
221+25	RT.	0.0
247+96	LT.	3.7
A31+36	LT.	5.1
A66+72	LT.	3.6
A73+07	LT.	4.6
TOTAL		43.3

THE ABOVE QUANTITY IS INCLUDED IN THE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70 IN THE SUMMARY OF QUANTITIES.

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62863
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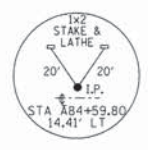
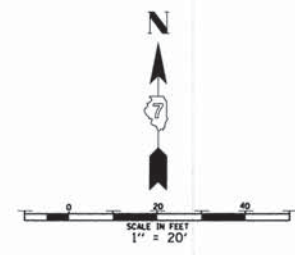
PROFESSIONAL DESIGN FIRM
LAND SURVEY & PROFESSIONAL ENGINEERING CORPORATION
184-00087
(62-032435)(35-002769)



AARON M. MEFFORD
NAME
Aaron Mefford
SIGNATURE
4-15-14
DATE
11-30-15
EXPIRES

GENERAL NOTES:

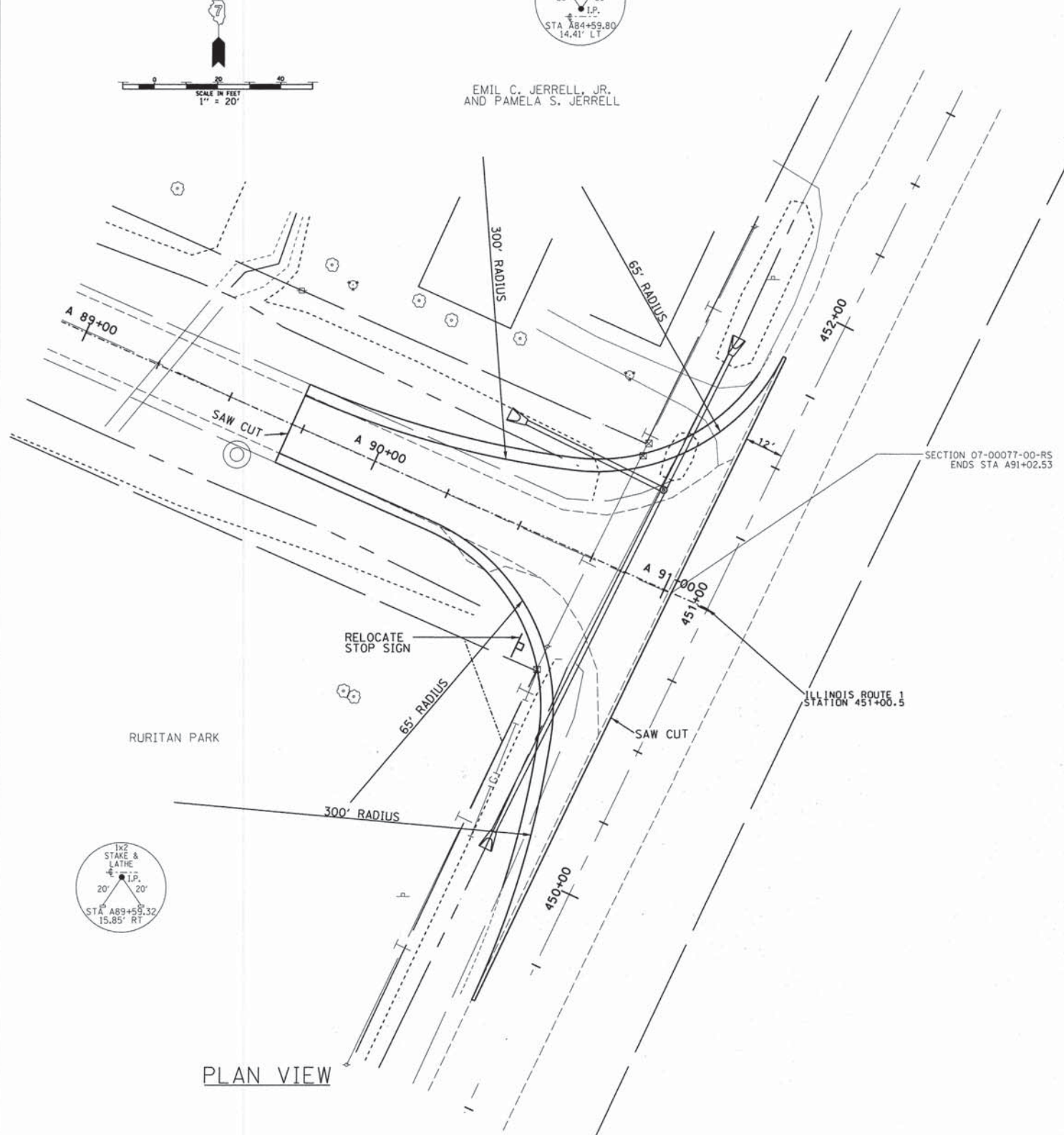
FULL DEPTH SAW CUT EDGE OF EXISTING PAVEMENT TO ESTABLISH A VERTICAL CONSTRUCTION JOINT AND REMOVE THE SHOULDER IN THE PROPOSED PAVED AREA. THIS WORK SHALL BE CONSIDERED IN THE COST OF PORTLAND CEMENT CONCRETE PAVEMENT.



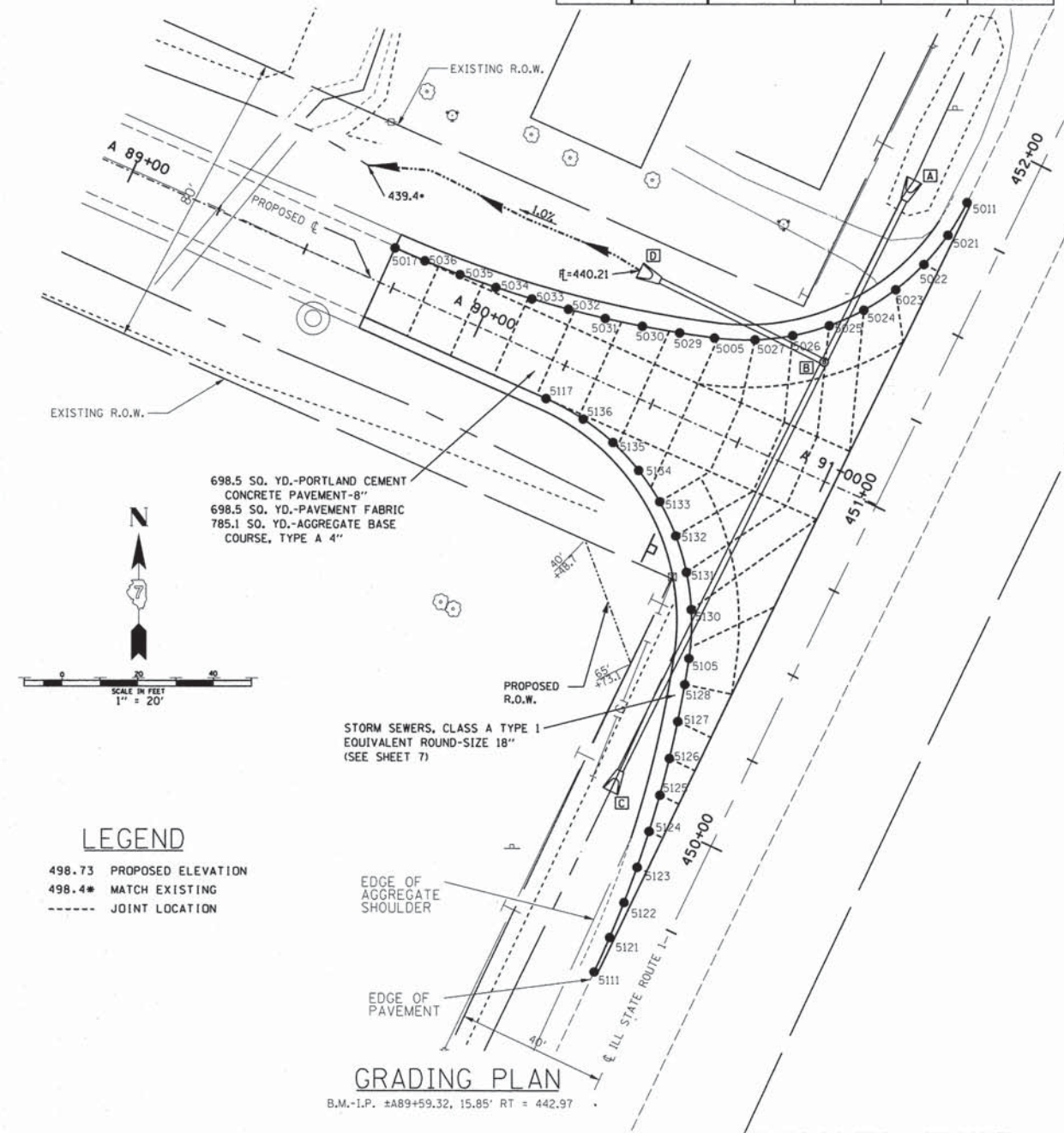
EMIL C. JERRELL, JR.
AND PAMELA S. JERRELL

POINT NUMBER	ELEV.	C.H. 11		IL. RTE. 1	
		STA. M.L.	OFF. M.L.	STA. M.L.	OFF. M.L.
5111	444.69	90+97.68	143.43 RT.	449+56.76	13.92 LT.
5120	444.71	90+98.68	143.45 RT.	449+56.75	12.92 LT.
5121	444.63	90+97.68	133.43 RT.	449+66.75	14.09 LT.
5122	444.56	90+97.34	123.43 RT.	449+76.72	14.60 LT.
5123	444.48	90+96.67	113.45 RT.	449+86.67	15.46 LT.
5124	444.40	90+95.67	103.50 RT.	449+96.59	16.65 LT.
5125	444.30	90+94.34	93.59 RT.	450+06.46	18.18 LT.
5126	444.21	90+92.68	83.73 RT.	450+16.27	20.05 LT.
5127	444.10	90+90.69	73.93 RT.	450+26.00	22.25 LT.
5128	443.99	90+88.37	64.20 RT.	450+35.66	24.78 LT.
5105	443.91	90+86.56	57.43 RT.	450+42.37	26.75 LT.
5129	443.88	90+85.68	54.57 RT.	450+45.21	27.69 LT.
5130	443.74	90+81.82	45.35 RT.	450+54.31	31.78 LT.
5116	443.70	90+80.29	42.54 RT.	450+57.08	33.38 LT.
5131	443.59	90+76.59	36.83 RT.	450+62.68	37.22 LT.
5132	443.42	90+70.11	29.21 RT.	450+70.10	43.89 LT.
5133	443.49	90+62.54	22.68 RT.	450+76.41	51.63 LT.
5134	443.64	90+54.06	17.38 RT.	450+81.46	60.25 LT.
5135	443.77	90+44.86	13.45 RT.	450+85.13	69.54 LT.
5136	443.88	90+35.17	10.97 RT.	450+87.32	79.30 LT.
5137	443.97	90+25.22	10.01 RT.	450+88.01	89.27 LT.
5117	443.98	90+23.98	10.00 RT.	450+87.99	90.51 LT.

POINT NUMBER	ELEV.	C.H. 11		IL. RTE. 1	
		STA. M.L.	OFF. M.L.	STA. M.L.	OFF. M.L.
5011	443.48	91+04.16	82.73 LT.	451+82.76	13.25 LT.
5020	443.50	91+05.20	82.69 LT.	451+82.76	12.21 LT.
5021	443.51	91+03.04	72.79 LT.	451+72.80	14.02 LT.
5022	443.50	91+00.42	63.14 LT.	451+63.08	16.32 LT.
5023	443.46	90+96.34	54.01 LT.	451+53.83	20.10 LT.
5024	443.40	90+90.91	45.61 LT.	451+45.28	25.25 LT.
5025	443.31	90+84.25	38.15 LT.	451+37.63	31.67 LT.
5016	443.25	90+80.29	34.63 LT.	451+34.00	35.52 LT.
5026	443.27	90+76.53	31.79 LT.	451+31.05	39.19 LT.
5027	443.39	90+67.93	26.69 LT.	451+25.71	47.63 LT.
5028	443.52	90+58.65	22.98 LT.	451+21.74	56.80 LT.
5005	443.53	90+57.96	22.77 LT.	451+21.51	57.48 LT.
5029	443.63	90+49.03	20.22 LT.	451+18.71	66.33 LT.
5030	443.74	90+39.33	17.80 LT.	451+16.02	75.95 LT.
5031	443.85	90+29.56	15.70 LT.	451+13.64	85.66 LT.
5032	443.95	90+19.71	13.92 LT.	451+11.60	95.45 LT.
5033	444.04	90+09.82	12.47 LT.	451+09.88	105.30 LT.
5034	444.13	89+99.88	11.36 LT.	451+08.49	115.20 LT.
5035	444.22	89+89.91	10.57 LT.	451+07.43	125.14 LT.
5036	444.30	89+79.92	10.12 LT.	451+06.70	135.11 LT.
5017	444.36	89+71.38	10.00 LT.	451+06.33	143.65 LT.



PLAN VIEW



LEGEND

- 498.73 PROPOSED ELEVATION
- 498.4* MATCH EXISTING
- JOINT LOCATION

GRADING PLAN

B.M.-I.P. ±A89+59.32, 15.85' RT = 442.97

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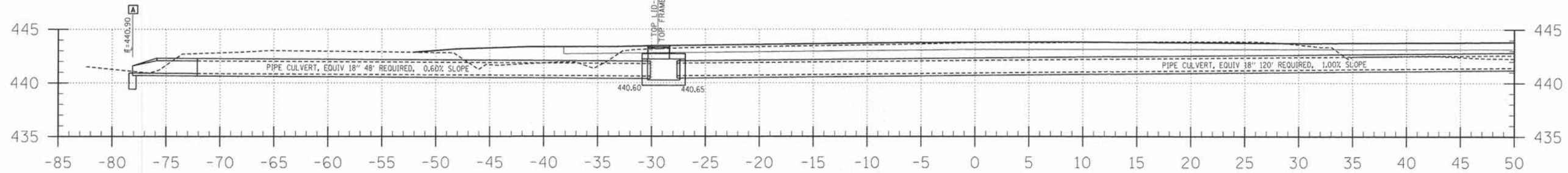
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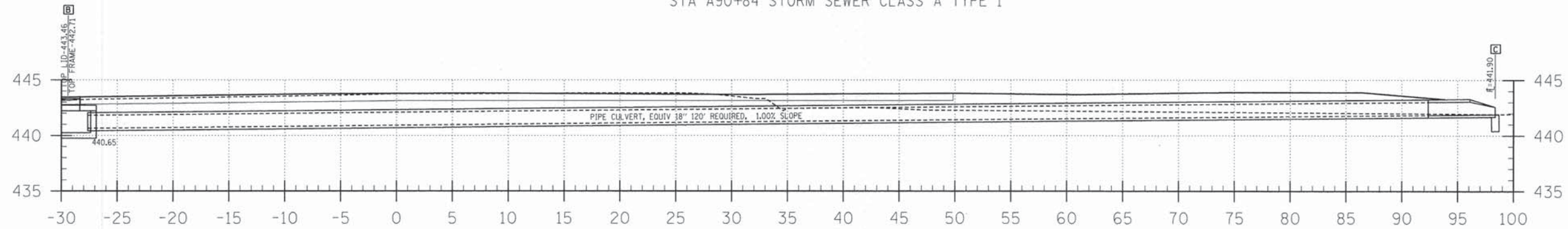
AARON M. MEFFORD
NAME
Aaron M. Mefford
SIGNATURE
4-8-14
DATE
11-30-15
EXPIRES

DETAILS OF STORM SEWER

F.A.S.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
800	07-00077-00-RS	WABASH	7	7
FEB ROAD DIST. NO. 7		ILLINOIS	LANCASTER-ALLEDALE RD	
LEC JOB # H11011WB		CONTRACT # 95740		



STA A90+84 STORM SEWER CLASS A TYPE 1



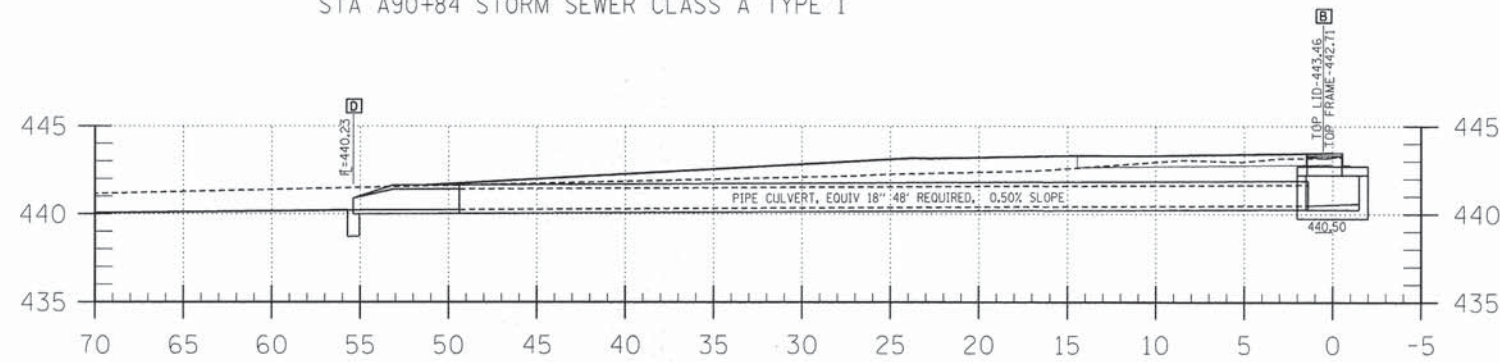
STA A90+84 STORM SEWER CLASS A TYPE 1

SCHEDULE OF STORM SEWER STRUCTURES

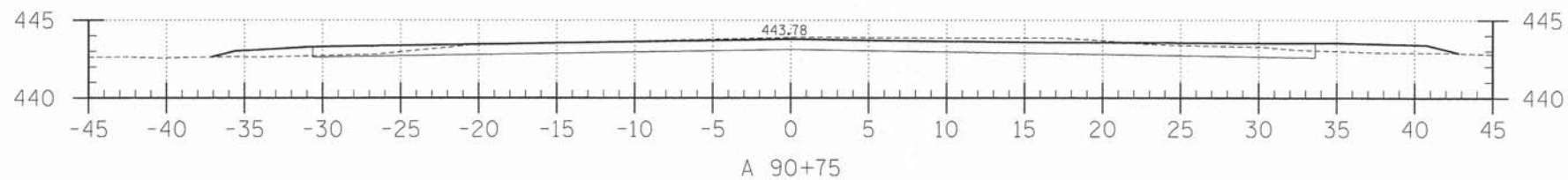
STATION	LOCATION	ITEM
A	A90+88.81	76.4' LT PRECAST FLARED END SECTION, EO RS 18
B	A90+87.0	28.9' LT MANHOLE TYPE A, 4 DIA TIF OL
C	A90+82.2	92.0' RT PRECAST FLARED END SECTION, EO RS 18
D	A90+38.7	30.7' LT PRECAST FLARED END SECTION, EO RS 18

SCHEDULE OF STORM SEWER

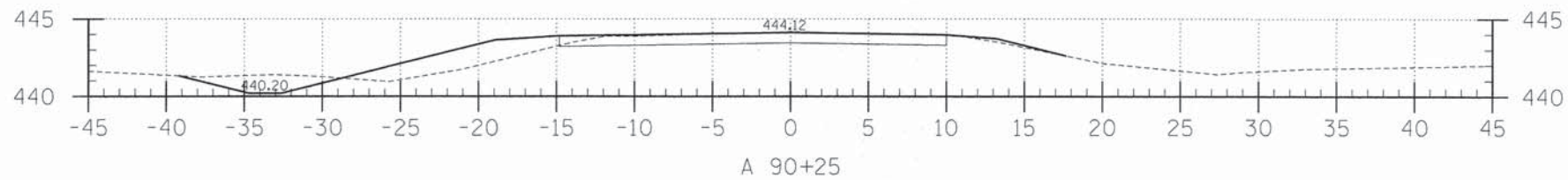
LOCATION	PROPOSED PIPE	PROPOSED LENGTH
A TO B	EO RS 18" CL A	48
B TO C	EO RS 18" CL A	120
C TO D	EO RS 18" CL A	48



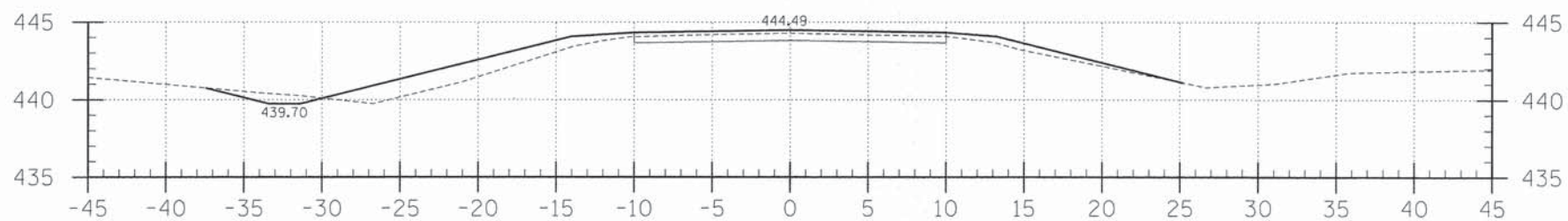
STA A90+84 LT STORM SEWER CLASS A TYPE 1



A 90+75



A 90+25



A 89+75

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