

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

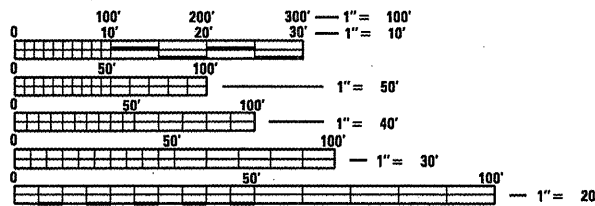
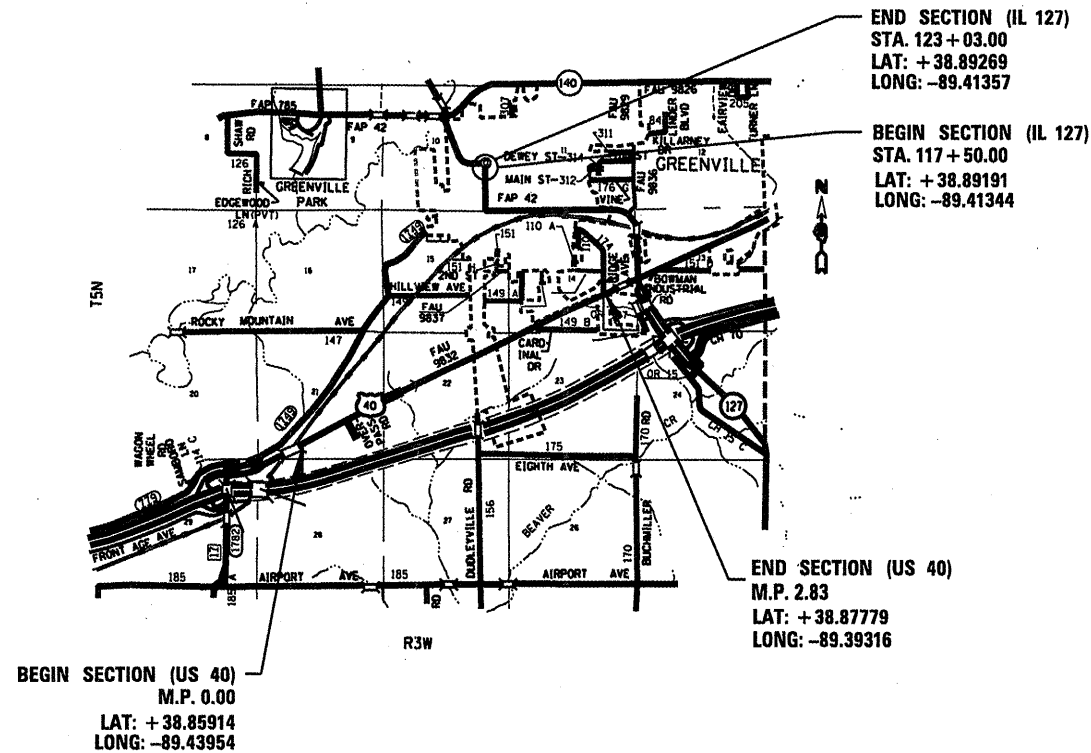
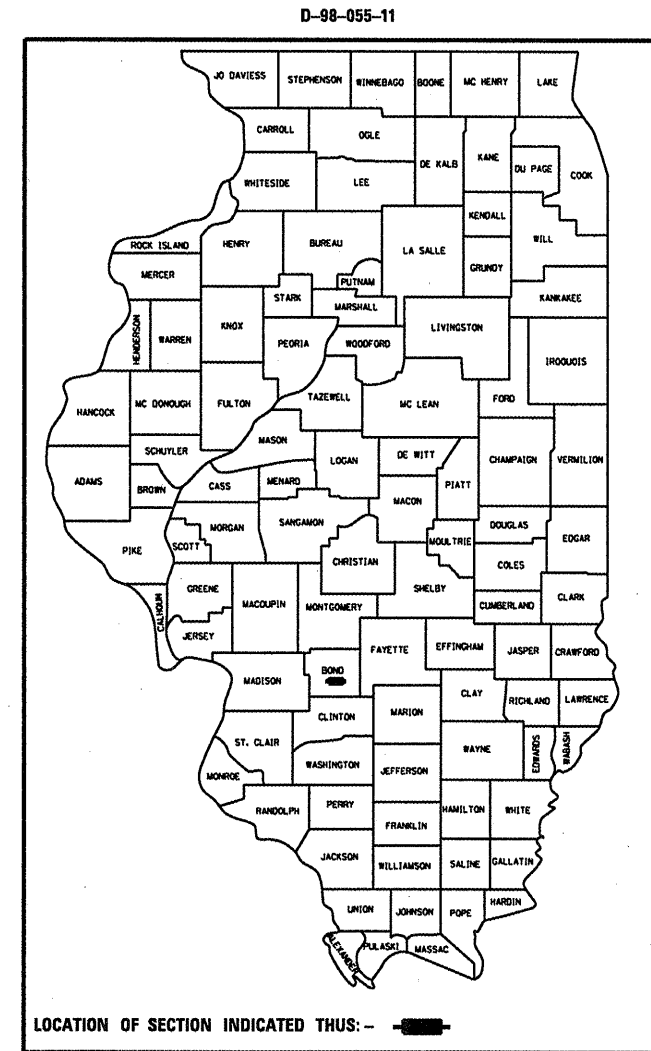
**PROPOSED  
HIGHWAY PLANS**

FAS 779 FAP 42  
(US 40/L 127)  
SECTION (36-2)RS-3,139-1RS-2  
PROJECT ACF-0005(873)  
RESURFACING  
BOND COUNTY

C-98-056-11

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-2	BOND	16	1
		ILLINOIS	CONTRACT NO. 76E95	

FOR INDEX OF SHEETS, SEE SHEET NO. 2



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: PATTI LEBEAU (618) 346-3179  
PROJECT MANAGER: BILLIE OWEN (618) 346-3186

CONTRACT NO. 76E95

GROSS LENGTH = 14,942 FT. = 2.83 MILE  
NET LENGTH = 14,942 FT. = 2.83 MILE

TRAFFIC DATA

ADT (US 40)	ADT (IL 127)
2011 = 3200	2011 = 4800
2031 = 3900	2031 = 5900
SU = 3.4%	SU = 4.2%
MU = 1.9%	MU = 1.0%

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *December 16 20 11*

*Donna M. Osmer*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

*Feb 3 20 12*  
*John D. Ruanzelli, P.E.*  
acting ENGINEER OF DESIGN AND ENVIRONMENT

*Feb 3 20 12*  
*William R. Fierler*  
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

GENERAL NOTES

- CARE SHALL BE TAKEN AT ALL SIDE STREETS AND ENTRANCES DURING MILLING OPERATIONS TO ENSURE THAT THE PROPOSED RESURFACING WILL MEET THE EXISTING SIDE STREETS AND ENTRANCES.
- THE WIDTHS OF HOT-MIX ASPHALT SURFACE REMOVAL SHOWN ON THE PLANS ARE THE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF THE SECTION. HOT-MIX ASPHALT SURFACE REMOVAL WILL BE PAID FOR IN SQUARE YARDS BASED UPON THE NOMINAL WIDTHS INDICATED.
- THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
- THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
- ANY EXCAVATION OR DROP-OFF OF MORE THAN 3" AT EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.
- EARTHWORK IS NEEDED FOR UPGRADE OF TERMINAL END SECTIONS. HOWEVER, CROSS SECTIONS ARE NOT AVAILABLE FOR THIS PROJECT. FURNISHED EXCAVATION WAS ESTIMATED AT 540 CU YDS AND SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION.
- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. IF 'LOCATING UNDERGROUND CABLE' IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
- SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED AND FINAL BITUMINOUS SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN ADDED TO THE PLANS. ONLY REMOVAL OF SHORT TERM PAVEMENT MARKING FROM FINAL SURFACE IS TO BE PAID AS 'WORK ZONE PAVEMENT MARKING REMOVAL'.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING BY CALLING J.U.L.I.E. AND BY NOTIFYING NON-J.U.L.I.E. MEMBERS INDIVIDUALLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

UTILITY	ABOVE GROUND	BELOW GROUND
* AMEREN ILLINOIS	X	X
* AT&T ILLINOIS	X	X
* BOND MADISON WATER COMPANY		X
* CITY OF GREENVILLE		X
* GREENVILLE COLLEGE (COMMUNICATIONS)	X	X
* GREENVILLE COLLEGE (ELECTRIC)	X	X
* NEW WAVE COMMUNICATIONS	X	X

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

- THE CONTRACTOR SHALL POST AND MAINTAIN THE ROADWAY WITH "NO PASSING ZONES NOT STRIPED NEXT 2.83 MILES" SIGNS UNTIL MARKINGS HAVE BEEN RESTORED IN ACCORDANCE WITH ARTICLE 701.17(C). COST INCLUDED IN THE TRAFFIC CONTROL ITEM.
- 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
- A QUANTITY OF 0.75 ACRES OF 'SEEDING, CLASS 2' HAS BEEN INCLUDED IN THE PLANS FOR USE AT THE PROPOSED GUARDRAIL TERMINAL END SECTIONS.

- THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SURFACE	LEVEL BINDER	INCIDENTAL SURF	PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION				
(GRADATION MIXTURE)	IL 12.5/9.5	IL 9.5		IL 19.0
FRICITION AGG	MIXTURE "C"	MIXTURE "C"	MIXTURE "C"	MIXTURE "B"

MIXTURE USE	SHOULDERS ≥ 2.25
AC/PG	PG 64-22
RAP % (MAX)	SEE CONTRACT RAP
DESIGN AIR VOIDS	SPECIAL PROVISION
MIX COMPOSITION	** 2.0% @ Ndes=30
(GRADATION MIXTURE)	NMAS 3/4"
FRICITION AGG	

\*\* Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.  
Plan quantities for Bituminous Concrete Surface Course items are calculated using a unit weight of 112 lb/sq yd/tn (59.8 kg/sq m/25 mm thickness).

- THE CONTRACTOR SHALL BE AWARE THAT THERE MAY BE VALVES LOCATED WITHIN THE RESURFACING LIMITS OF IL 127. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- THE USE OF VIBRATORY ROLLERS IS PROHIBITED ON IL 127 IN GREENVILLE AND OVER ANY CROSS ROAD CULVERTS ON U.S. 40 TO AVOID DAMAGE.
- AT IL 127 ANY UNBONDED LAYERS OF ASPHALT SHALL BE REMOVED PRIOR TO PLACING THE BITUMINOUS MATERIALS (PRIME COAT) DUE TO THE POSSIBILITY OF THE ASPHALT LOSING ITS BOND TO THE BRICK PAVEMENT. THIS COST SHALL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT REMOVAL, 1 1/2".
- AT IL 127 THE CONTRACTOR SHALL PLACE THE PROPOSED HOT-MIX ASPHALT SURFACE WITHIN 24 HOURS OF THE EXISTING SURFACE BEING REMOVED. ANY ADDITIONAL TEMPORARY RAMPS REQUIRED WILL BE INCLUDED IN THE COST OF HOT-MIX ASPHALT REMOVAL, 1 1/2".

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- 8. TYPICALS
- 11. SCHEDULES
- PLAN/PAVEMENT MARKING (IL 127), RESURFACING DETAIL
- US 40 PAVEMENT MARKING DETAIL
- GUARDRAIL DETAILS
- RESURFACING DETAILS
- SIDEROAD AND ENTRANCE DETAILS

STANDARDS

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- 630106
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- 635006-03
- 635001-01
- 701011-02
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- 701306-03
- 701311-03
- 701326-04
- 701336-06
- 701501-06
- 701901-02
- 780001-03
- 781001-03

COMMITMENTS

NONE

FILE NAME =	USER NAME = dntelmen.jn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, INDEX OF SHEETS, STANDARDS &amp; COMMITMENTS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ce:\pwwork\pripdot\dntelmen.jn\0260347	0876e95-shit-plan.dgn	DRAWN -	REVISED -			779/42	(36-2)RS-3,139-IRS-2	BOND	16	2	
	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -			CONTRACT NO. 76E95					
	PLOT DATE = 12/14/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE 0005				SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE 0005			
				US 40 RURAL	US 40 URBAN	IL 127 URBAN						US 40 RURAL	US 40 URBAN	IL 127 URBAN	
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	50% CITY 50% STATE	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	50% CITY 50% STATE
				L2SED	L2oEM	L2oEL	o7COL					L2SED	L2oEM	L2oEL	o7COL
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	299	164	135			40600990	TEMPORARY RAMP	SQ YD	170	12	12	146	
20400800	FURNISHED EXCAVATION	CU YD	540	420	120			40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	3684	1849	1657	168	10
*25000200	SEEDING, CLASS 2	ACRE	0.75	0.58	0.17			40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	55	3	52		
*25000400	NITROGEN FERTILIZER NUTRIENT	POUND	68	53	15			44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	38221	20005	18216		
*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	68	53	15			44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	2115			1996	119
*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	68	53	15			44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	377	138	239		
*25100115	MULCH, METHOD 2	ACRE	0.75	0.58	0.17			44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	81		81		
31101900	SUBBASE GRANULAR MATERIAL, TYPE C	TON	222		222			44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	92		92		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	27.9	13.66	12.74	1.4	0.1	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	27601	16368	11233		
40600300	AGGREGATE (PRIME COAT)	TON	135	66	61	7	1	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	775	425	350		
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1738	917	821			48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	3004	1819	1185		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	782	37	745			48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	951		951		
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	100	20	80			*63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	1874	1312	562		

\*SPECIALTY ITEM

FILE NAME =	USER NAME = dntelmarjn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or\pwork\pwork\dntelmarjn\d0260347	4876e95-shr-plan.dgn	DRAWN -	REVISED -			779/42	(36-2)RS-3,139-1RS-2	BOND	16	3
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -							
	PLOT DATE = 1/5/2012	DATE -	REVISED -							
						SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

# SUMMARY OF QUANTITIES

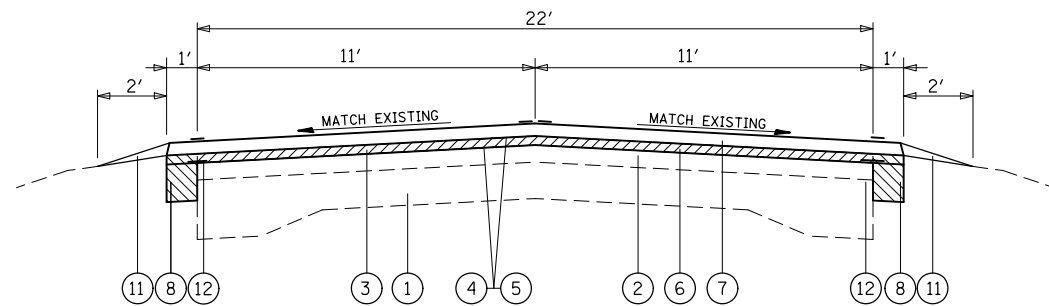
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				US 40 RURAL	US 40 URBAN	IL 127 URBAN						US 40 RURAL	US 40 URBAN	IL 127 URBAN	
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	50% CITY 50% STATE	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE	80% FED 20% STATE	80% FED 20% STATE	50% CITY 50% STATE
				LZ5ED	LZOEM	LZOEL	OTCOL					LZ5ED	LZOEM	LZOEL	OTCOL
*63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	1625	1137.5	487.5			70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	31.2			31.2	
*63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	18	14	4			70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	36407	18414	17466	527	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	2	1		70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	79			79	
67100100	MOBILIZATION	L SUM	1	0.5	0.4	0.1		70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	621			621	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5			70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	144			144	
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5			70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1531	818	677	36	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.5	0.5			*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	31.2			31.2	
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	0.5	0.5			*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	36407	18414	17466	527	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1			1		*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	79			79	
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	10	5	5			*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	621			621	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	4594	2455	2033	106		*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	144			144	

\*SPECIALTY ITEM

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cf:\pwwork\pwwork\dntelmen.jn\d0260347	d076e95-shr-plan.dgn	DRAWN -	REVISED -			779/42	(36-2)RS-3,139-IRS-2	BOND	16	4	
	PLOT SCALE = 100.0000' / 1 in.	CHECKED -	REVISED -			CONTRACT NO. 76E95					
	PLOT DATE = 1/5/2012	DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					
				SCALE:		SHEET NO. OF SHEETS STA.		TO STA.			



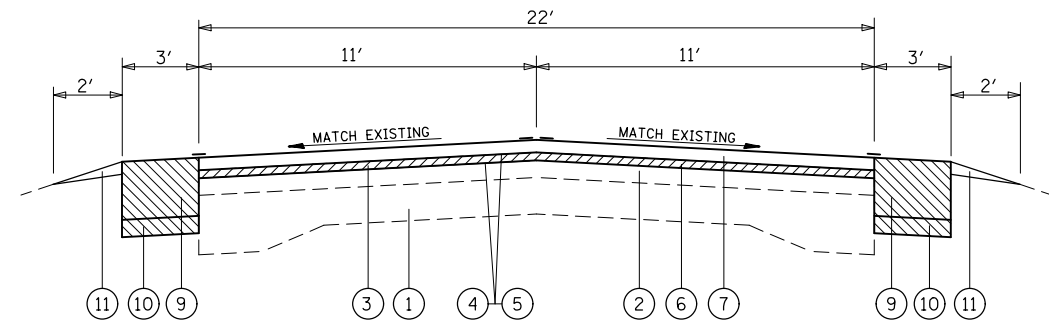




TYPICAL SECTION (US 40)

M.P. 0.00 TO M.P. 1.55  
M.P. 1.82 TO M.P. 2.70

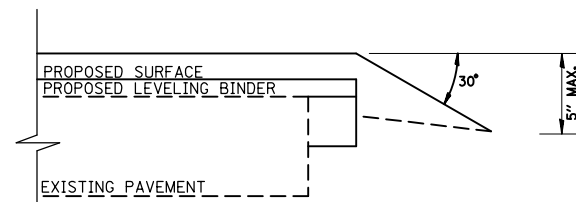
- EXCAVATING AND GRADING EXISTING SHOULDER



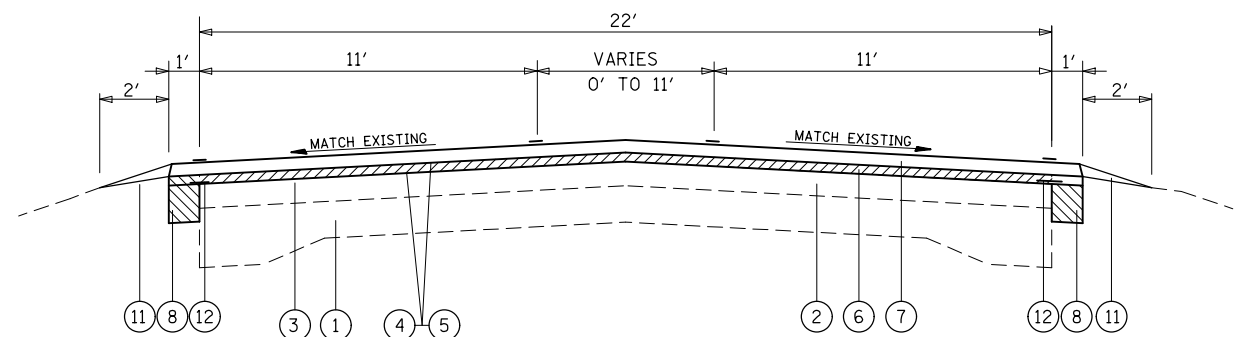
TYPICAL SECTION (US 40)

M.P. 1.55 TO M.P. 1.82

- EXCAVATING AND GRADING EXISTING SHOULDER



SAFETY EDGE DETAIL



TYPICAL SECTION (US 40)

M.P. 2.70 TO 2.83

- EXCAVATING AND GRADING EXISTING SHOULDER

LEGEND

- ① EXISTING CONCRETE PAVEMENT 9''-6''-9''
- ② EXISTING HMA RESURFACING, 4''
- ③ PROPOSED HMA SURFACE REMOVAL, 3/4''
- ④ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑤ PROPOSED AGGREGATE (PRIME COAT)
- ⑥ PROPOSED LEVELING BINDER, 3/4''
- ⑦ PROPOSED HMA SURFACE COURSE, 1 1/2''
- ⑧ PROPOSED HMA SHOULDER, 6''
- ⑨ PROPOSED HMA SHOULDER, 8''
- ⑩ PROPOSED SUBBASE GRANULAR MATERIAL, TYPE C, 4''
- ⑪ PROPOSED AGGREGATE WEDGE SHOULDERS
- ⑫ PROPOSED STRIP REFLECTIVE CRACK CONTROL

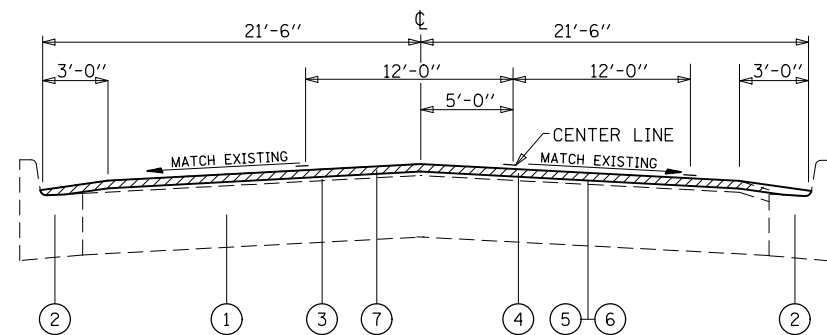
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	PLOT DATE = 12/14/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

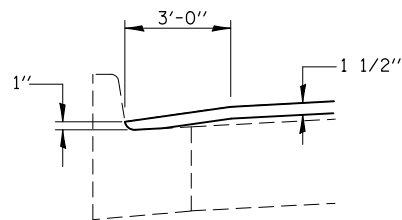
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-1RS-2	BOND	16	7
CONTRACT NO. 76E95				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



TYPICAL SECTION (IL 127)

STA. 117+50.00 TO STA. 121+03.00



DETAIL OF HMA  
TAPER AT CURB

NOTE: CARE SHALL BE TAKEN NOT TO  
DISTURB THE UNDERLYING BRICK  
PAVEMENT DURING MILLING OPERATIONS.

LEGEND

- ① EXISTING BRICK PAVEMENT
- ② EXISTING B6.12 CURB AND GUTTER
- ③ EXISTING HMA RESURFACING, 2.5"
- ④ PROPOSED HMA SURFACE REMOVAL, 1 1/2"
- ⑤ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑥ PROPOSED AGGREGATE (PRIME COAT)
- ⑦ PROPOSED HMA SURFACE COURSE, 1 1/2"

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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-1RS-2	BOND	16	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76E95	



SHOULDER SCHEDULE

LOCATION			EXCAVATING & GRADING EXIST. SHOULDERS	HMA SHOULDERS 6"	HMA SHOULDERS 8"	SUB-BASE GRANULAR MATERIAL TYPE C	AGGREGATE WEDGE SHOULDER, TYPE B
M.P.	+	M.P.	(UNIT)	(SQ YD)	(SQ YD)	(TON)	(TON)
0.00	+	1.55	164	1819			424.33
1.55	+	1.82	29		951	221.75	73.92
1.82	+	2.83	107	1185			276.50
TOTAL			299	3004	951	222	775

MAINLINE RESURFACING SCHEDULE									
LOCATION			HMA SURFACE REMOVAL, 3/4"	HMA SURFACE REMOVAL, 1.5"	BIT. MAT'L PRIME COAT	AGGREGATE PRIME COAT	LEVELING BINDER, 3/4"	HMA SURFACE COURSE, 1.5"	STRIP REFLECTIVE CRACK CONTROL
			(SQ YDS)	(SQ YDS)	(TON)	(TON)	(TON)	(TON)	
LOCATION 1 (US 40)									
M.P.	+	M.P.							
0.00	+	1.00	12906.67		8.82	42.24	591.36	1193.07	10560
1.00	+	1.55	7098.67		4.84	23.24	325.25	656.19	5808
1.55	+	1.82	3484.80		2.18	10.46	146.36	295.51	
1.82	+	2.00	2323.20		1.58	7.60	106.44	214.75	1900.8
2.00	+	2.70	9034.67		6.16	29.56	413.95	835.14	7392
2.70	+	2.75	916.67		0.62	3.00	42.00	84.59	600
2.75	+	2.83	2456.67		1.68	8.04	112.56	226.43	1340
LOCATION 2 (IL 127)									
STA.	+	STA.							
117+50	+	121+03		2115.00	1.4	7.00		178	
TOTAL			38221	2115	27.3 *	132 *	1738	3684	27601

\*NOT A TOTAL QUANTITY-SEE SIDE ROAD/ENTRANCE SCHEDULE

SIDE ROAD/ENTRANCE SCHEDULE								
LOCATION	SIDE	TYPE/MAT.	LENGTH	WIDTH	BIT. MAT'L PRIME COAT	AGGREGATE PRIME COAT	INCIDENTAL HMA SURFACING	COMMENTS
MILE PT.	LT/RT		(FEET)	(FEET)	(TON)	(TON)	(TON)	
0.13	RT	PRIV. ENT./AGG.	2.0	16	0.01	0.01	0.30	
0.69	RT	FIELD ENT./AGG.	2.0	16	0.01	0.01	0.30	
0.69	LT	PRIV. ENT./AGG.	2.0	16	0.01	0.01	0.30	
0.97	RT	COMM. ENT./CONC.	6.0	30	0.02	0.06	1.68	
1.55	LT	SIDE ROAD/HMA	7.5	110	0.06	0.28	7.70	DUDLEYVILLE RD.
1.55	RT	SIDE ROAD/HMA	7.5	85	0.05	0.21	5.95	DUDLEYVILLE RD.
1.81	RT	FIELD ENT./AGG.	2.0	16	0.01	0.01	0.30	
2.11	LT	SIDE ROAD/HMA	7.5	105	0.06	0.26	7.35	ELM ST.
2.11	RT	SIDE ROAD/HMA	7.5	75	0.04	0.19	5.25	ELM ST.
2.17	RT	COMM. ENT./CONC.	6.0	40	0.02	0.08	2.24	
2.26	LT	COMM. ENT./HMA	6.0	60	0.03	0.12	3.36	
2.35	LT	COMM. ENT./AGG.	2.0	16	0.01	0.01	0.30	
2.39	RT	PRIV. ENT./AGG.	2.0	16	0.01	0.01	0.30	
2.67	RT	SIDE ROAD/HMA	7.5	60	0.04	0.15	4.20	RIDGE ST.
2.67	LT	SIDE ROAD/HMA	7.5	50	0.03	0.13	3.50	RIDGE ST.
2.70	RT	COMM. ENT./CONC.	6.0	60	0.03	0.12	3.36	
2.78	RT	SIDE ROAD/HMA	7.5	110	0.06	0.28	7.70	
TOTAL =					0.5*	2 *	55	

\*NOT A TOTAL QUANTITY-SEE RESURFACING SCHEDULE

TEMP. RAMP/BUTT JOINT SCHEDULE					
LOCATION	LT/RT	TEMPORARY RAMP	HMA SURFACE REMOVAL - BUTT JOINT	P.C.C SURFACE REMOVAL - BUTT JOINT	COMMENTS
M.P.		(SQ YD)	(SQ YD)	(SQ YD)	
US 40					
0.00		12	36.67		BEG. RESURF.
0.97	RT			20.00	CONC. ENT.
1.55	LT		122.22		DUDLEYVILLE RD.
1.55	RT		94.44		DUDLEYVILLE RD.
2.11	LT		116.67		ELM ST.
2.11	RT		83.33		ELM ST.
2.17	RT			40.00	CONC. ENT.
2.26	RT		40.00		HMA ENT.
2.67	LT		55.56		RIDGE ST.
2.67	RT		55.56		RIDGE ST.
2.70	RT			40.00	CONC. ENT.
2.78	RT		122.22		
2.83		12	55.00		END RESURF.
STA.					
IL 127					
117+50.00		24			BEG. RESURF.
117+85.00	LT	28			MAIN ST.
117+85.00	RT	28			MAIN ST.
120+55.23	RT	22			COLLEGE AVE.
120+72.48		22			THIRD ST.
121+03.00		22			END RESURF.
TOTAL =		170	782	100	

PATCHING SCHEDULE

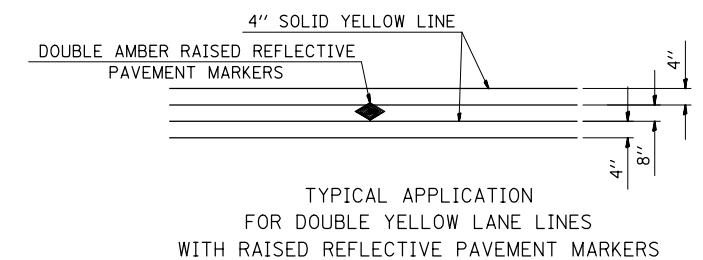
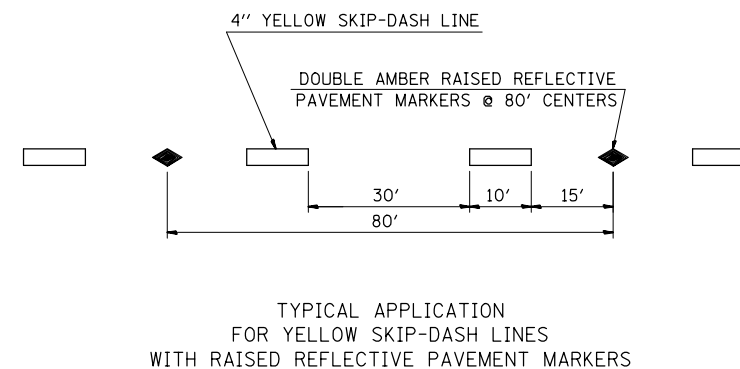
LOCATION	EB/NB	LENGTH	WIDTH	PAVEMENT PATCHING 12"				COMMENTS
				TYPE 1	TYPE 2	TYPE 3	TYPE 4	
MILE PT.		(FEET)	(FEET)	(SQ YDS)	(SQ YDS)	(SQ YDS)	(SQ YDS)	
US 40								
0.20	EB	6	12		8			PAV. JOINT
0.50	EB	6	12		8			
0.50	WB	6	12		8			
0.52	EB	6	12		8			
0.52	WB	6	12		8			
0.60	EB	6	12		8			
0.60	WB	6	12		8			
0.80	EB	6	12		8			
0.80	WB	6	12		8			
1.00	EB	6	12		8			
1.00	WB	6	12		8			
1.40	EB	6	12		8			
1.40	WB	6	12		8			
1.50	EB	6	12		8			
1.50	WB	6	12		8			
1.60	EB	10	12		14			
1.60	WB	10	12		14			
2.10	EB	6	12		8			
2.10	WB	6	12		8			
2.30	EB	6	12		8			
2.30	WB	6	12		8			
2.40	EB	6	12		8			
2.40	WB	6	12		8			
2.45	EB	6	12		8			
2.45	WB	6	12		8			
2.50	EB	10	12		14			
2.50	WB	10	12		14			
2.60	EB	12	12			16		PAV. JOINT (RIDGE ST.)
2.60	WB	12	12			16		
2.62	EB	14	12			19		
2.62	WB	14	12			19		
2.64	EB	6	12		8			
2.64	WB	6	12		8			
2.65	EB	6	12		8			
2.65	WB	6	12		8			
2.68	EB	6	12		8			
2.70	EB	6	12		8			
2.71	EB	6	12		8			
2.71	WB	6	12		8			
2.73	EB	6	12		8			
2.76	EB	6	12		8			
2.76	WB	6	12		8			
SUB-TOTALS					328	70		
15% FOR ANTICIPATED FAILURES					49	11		
TOTALS					377	81		

PATCHING SCHEDULE

LOCATION	SB/NB	LENGTH	WIDTH	PAVEMENT PATCHING 12"				COMMENTS
				TYPE 1	TYPE 2	TYPE 3	TYPE 4	
STATION		(FEET)	(FEET)	(SQ YDS)	(SQ YDS)	(SQ YDS)	(SQ YDS)	
IL 127								
118+50	SB	40	12				53	
118+50	NB	20	12				27	
SUB-TOTALS							80	
15% FOR ANTICIPATED FAILURES							12	
TOTALS							92	
GRAND TOTALS					377	81	92	

PAVMENT MARKING SCHEDULE

LOCATION	THERMOPLASTIC PAVEMENT MARKING										RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS	
	4"												LETTERS & SYMBOLS
	SOLID WHITE EDGE LINE	SOLID WHITE LANE LINE	SKIP-DASH YELLOW CENTERLINE	SOLID YELLOW LINE	SOLID YELLOW DOUBLE LINE	SOLID YELLOW LINE	CROSS HATCH	CROSS WALKS	STOP BARS				
LOCATION 1 (US 40)	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SQ FT	EACH	EACH
M.P.	to	M.P.											
0.00	to	1.00	10560		1320							66	66
1.00	to	2.00	10560		1320							66	66
2.00	to	2.70	7392		924	80						46	46
2.70	to	2.83	1410	120		210	1984		115		31.2	30	30
LOCATION 2 (IL 127)													
STA.	to	STA.											
117+50	to	121+03	467		60		79	26	480	144		3	3
SUB-TOTALS			30389	120	3624	210	2064		141	480			
TOTAL					36407			79	621	144	31.2	211	211



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	PLOT DATE = 12/14/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULES

SCALE: SHEET NO. OF SHEETS STA. TO STA.

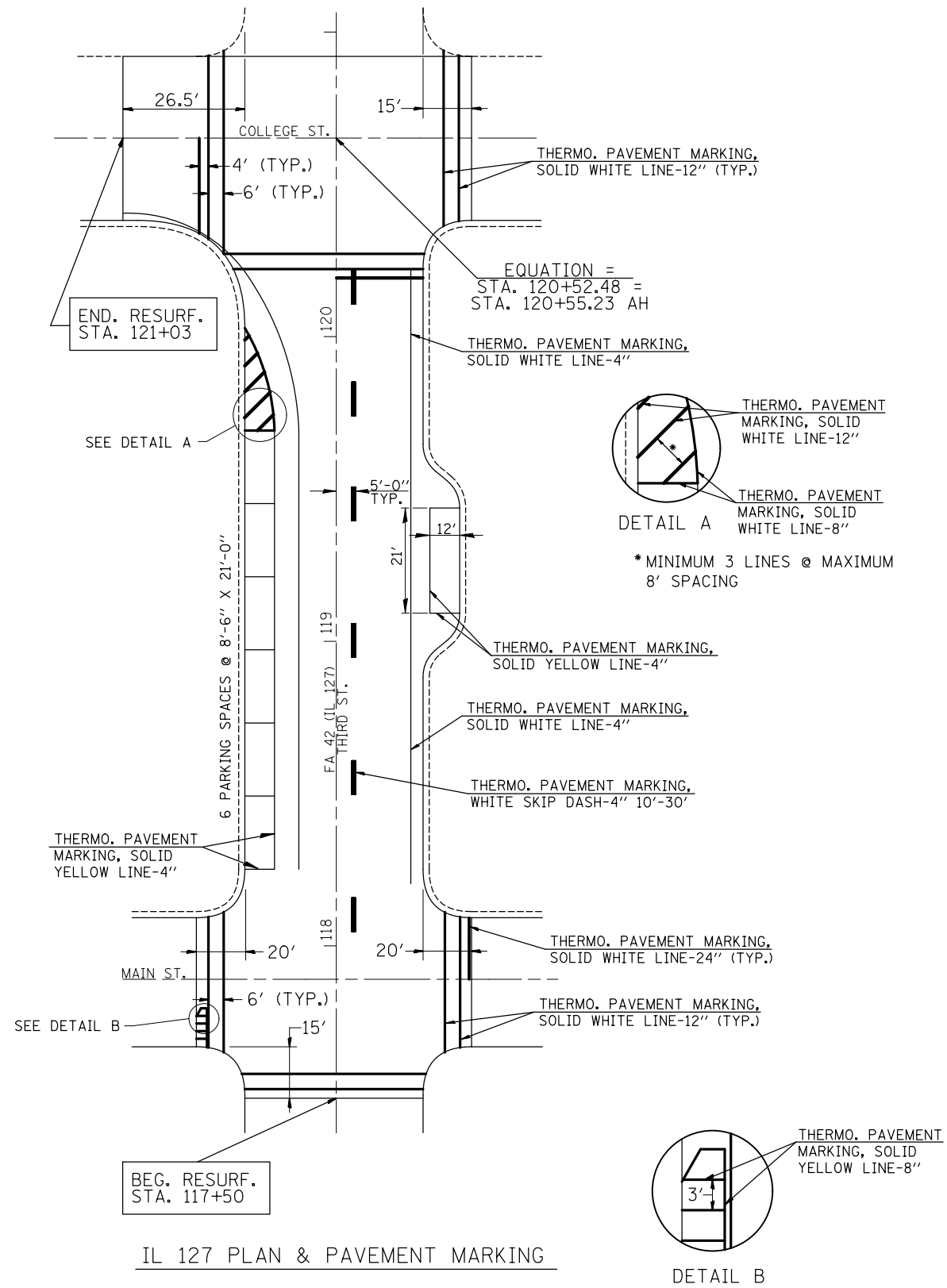
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-IRS-2	BOND	16	10
CONTRACT NO. 76E95				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

## GUARDRAIL SCHEDULE

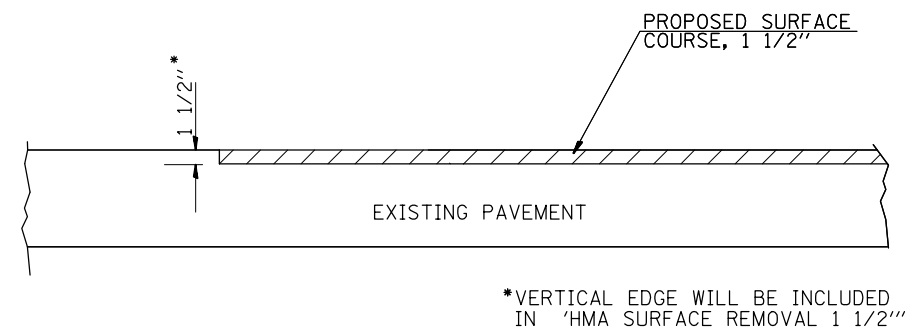
LOCATION		SPBGR, TYPE A 6' POSTS	LONG-SPAN GUARDRAIL OVER CULVERT, 12'-6"	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	TERMINAL MARKER DIRECT APPLIED	GUARDRAIL MARKERS	FURNISHED EXCAVATION	COMMENTS
MILE PT.	EB/WB	FOOT	FOOT	EACH	(EACH)	(EACH)	CU YD	
0.13	EB	137.5		1	1	3	30	6'X6' BOX STR. 2431
0.185	EB		162.5			4		
0.20	EB	50		1	1	1	30	
0.49	EB	137.5		1	1	3	30	4'X3' BOX
0.512	EB		162.5			4		
0.53	EB	50		1	1	1	30	
0.49	WB	50		1	1	1	30	
0.512	WB		162.5			4		
0.53	WB	137.5		1	1	4	30	
0.81	EB	137.5		1	1	3	30	10'X6' BOX STR. 2432
0.841	EB		162.5			4		
0.85	EB	50		1	1	1	30	
0.89	EB	137.5		1	1	3	30	5'X3' BOX
0.911	EB		162.5			4		
0.93	EB	50		1	1	1	30	
0.89	WB	50		1	1	1	30	
0.911	WB		162.5			4		
0.93	WB	137.5		1	1	3	30	
1.36	EB	137.5		1	1	3	30	4'X6' BOX
1.376	EB		162.5			4		
1.40	EB	50		1	1	1	30	
1.53	EB	137.5		1	1	3	30	5'X6' BOX
1.606	EB		162.5			4		
1.57	EB	50		1	1	1	30	
2.30	EB	137.5		1	1	3	30	4'X6' BOX
2.497	EB		162.5			4		
2.70	EB	187.5				5		
2.563	EB		162.5			4		10'X9' BOX STR. 2433
2.60	EB	50		1	1	1	30	
TOTALS		1875	1625	18	18	86	540	

SEE GUARDRAIL DETAILS PAGE 14

FILE NAME =	USER NAME = dntelmonjn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 76E95					
	PLOT DATE = 12/14/2011	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



IL 127 PLAN & PAVEMENT MARKING



BEGIN/END RESURFACING  
DETAIL FOR IL 127

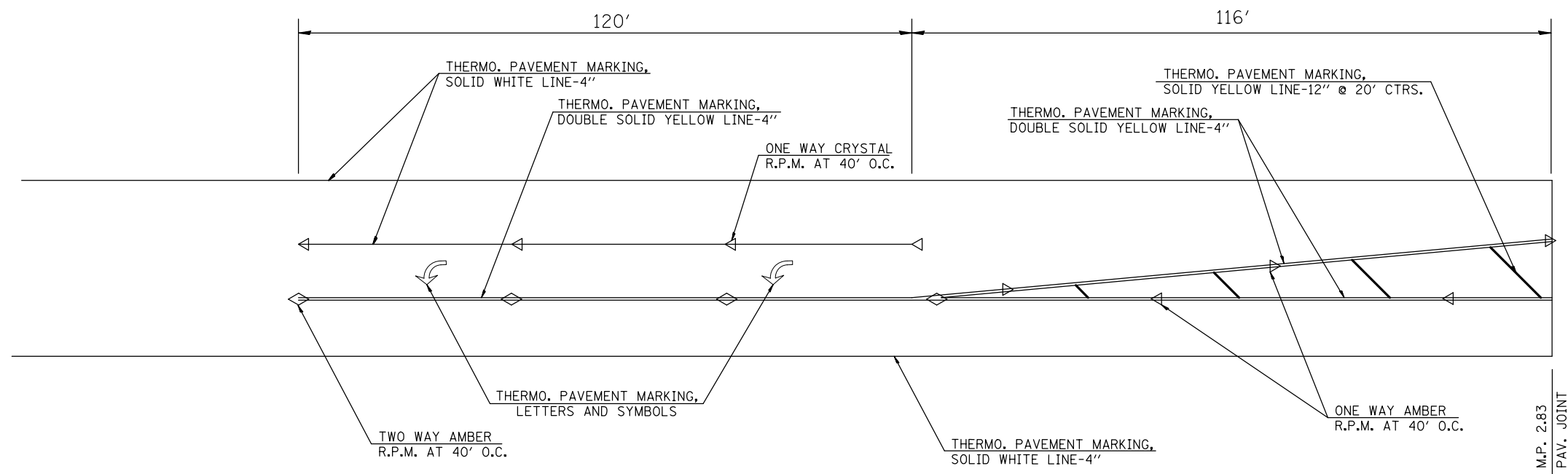
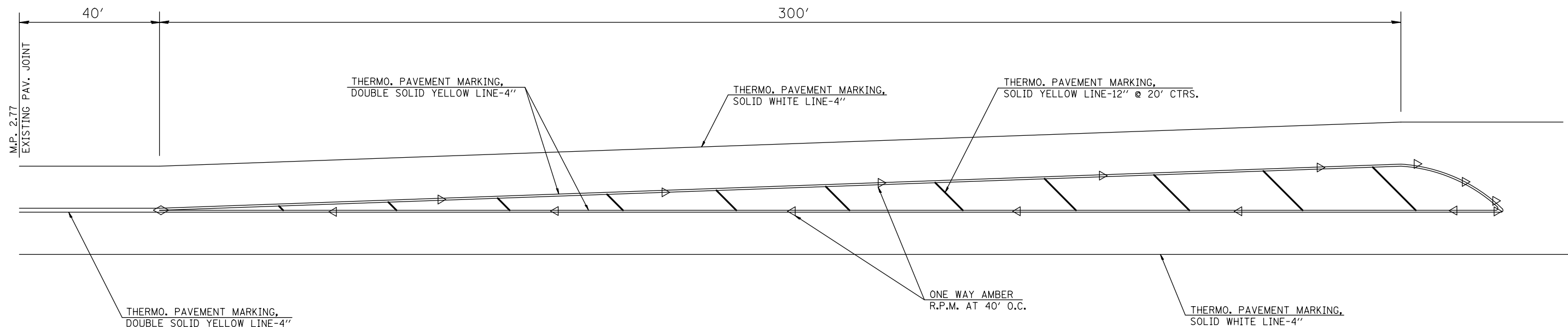
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	PLOT DATE = 12/14/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL 127 PLAN VIEW, RESURFACING DETAIL

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-IRS-2	BOND	16	12
CONTRACT NO. 76E95				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



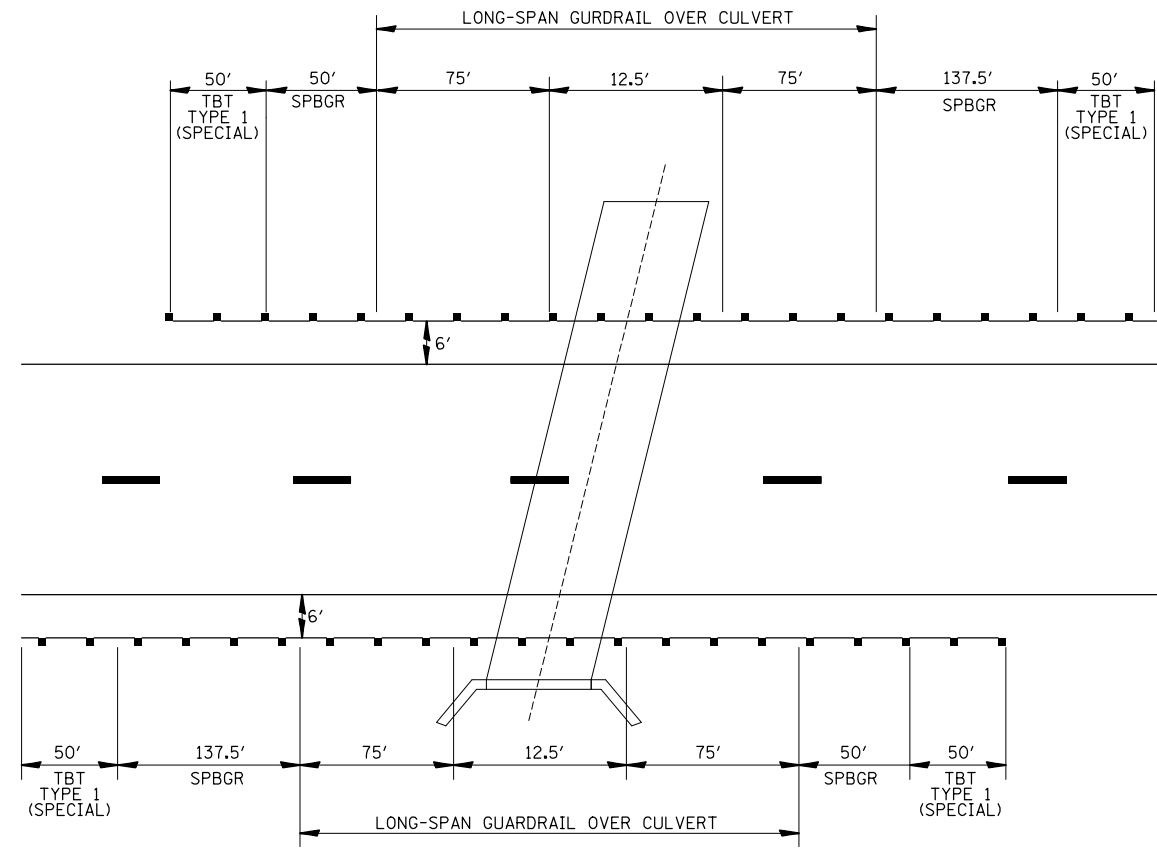
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	PLOT DATE = 12/14/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**US 40 PAVEMENT MARKING DETAILS**

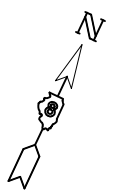
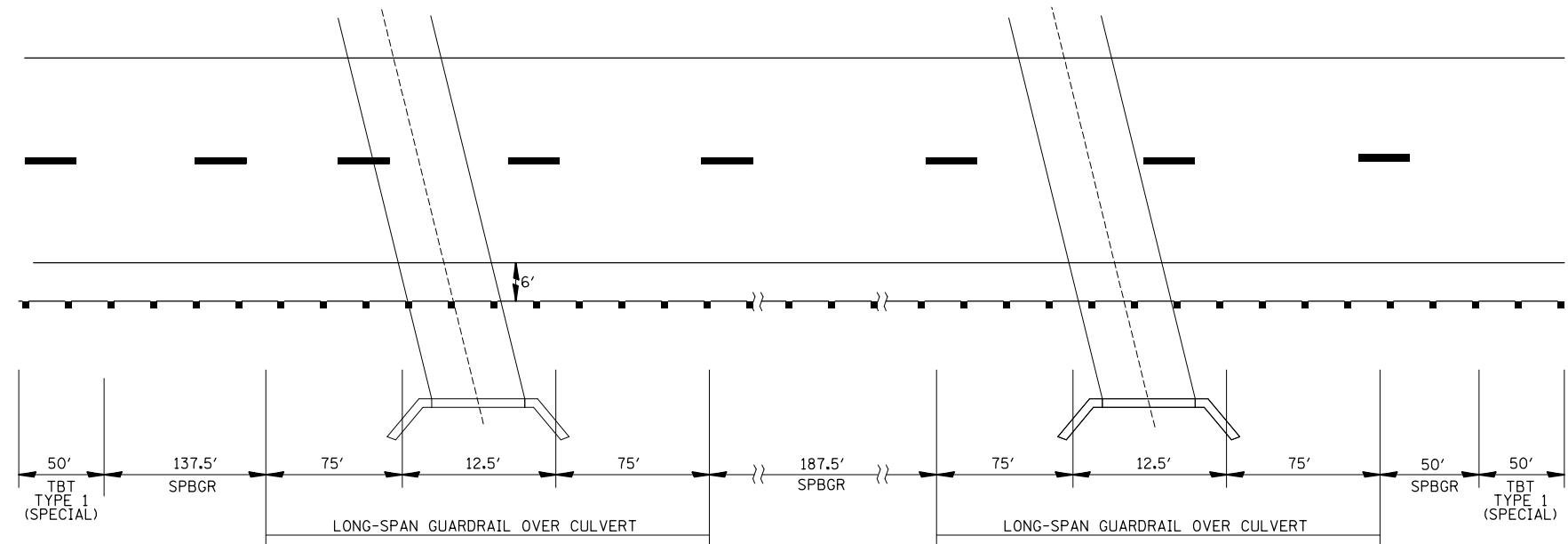
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-1RS-2	BOND	16	13
CONTRACT NO. 76E95				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**GUARDRAIL LAYOUT**

M.P. 0.185 E.B.      M.P. 0.911 E.B. & W.B.  
M.P. 0.512 E.B. & W.B.      M.P. 1.376 E.B.  
M.P. 0.841 E.B.      M.P. 1.606 E.B.



**GUARDRAIL LAYOUT**

M.P. 2.497 E.B. & MP 2.563 E.B

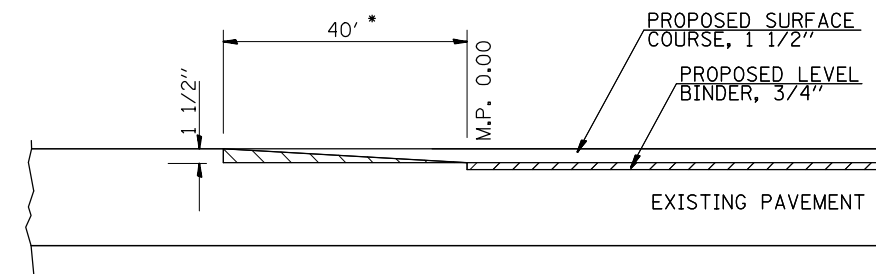
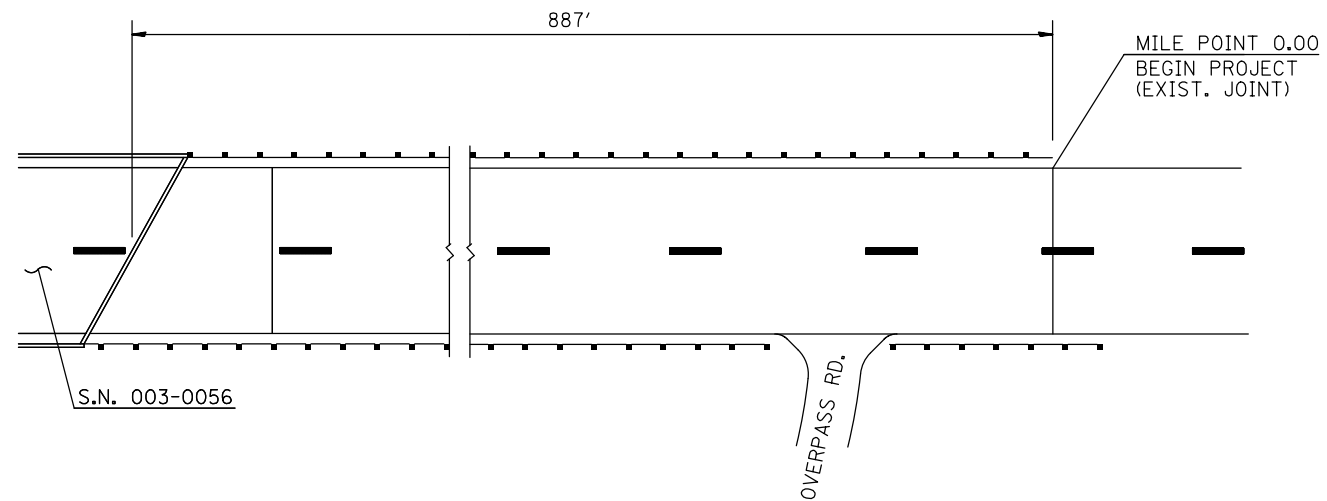
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	PLOT DATE = 12/14/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL DETAILS**

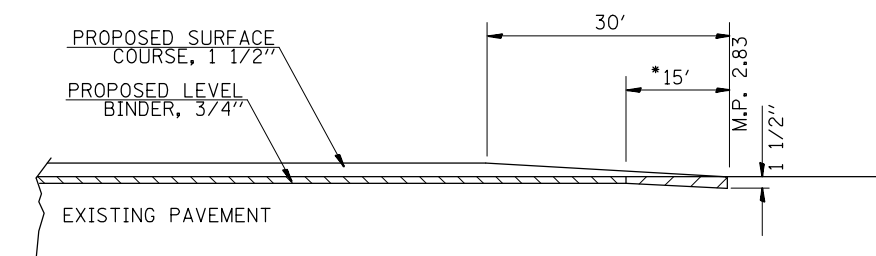
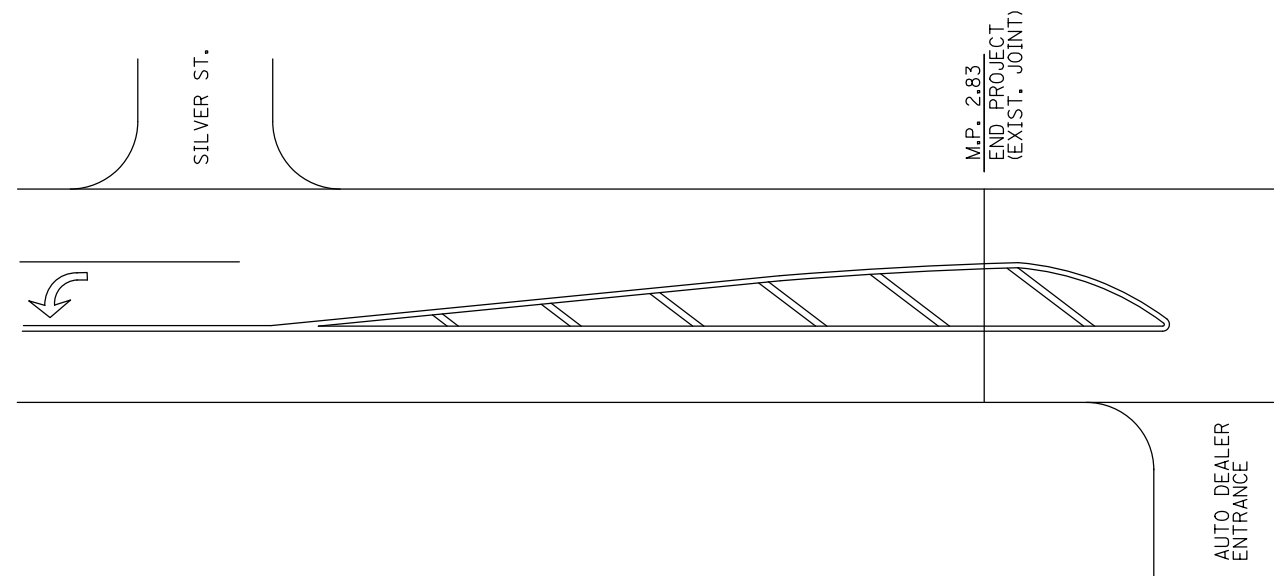
SCALE:      SHEET NO.      OF      SHEETS      STA.      TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-IRS-2		16	14
FED. ROAD DIST. NO.      ILLINOIS FED. AID PROJECT			CONTRACT NO. 76E95	



\*LIMITS OF 'HMA SURFACE  
REMOVAL-BUTT JOINT'

BEGIN RESURFACING  
DETAILS



\*LIMITS OF 'HMA SURFACE  
REMOVAL-BUTT JOINT'

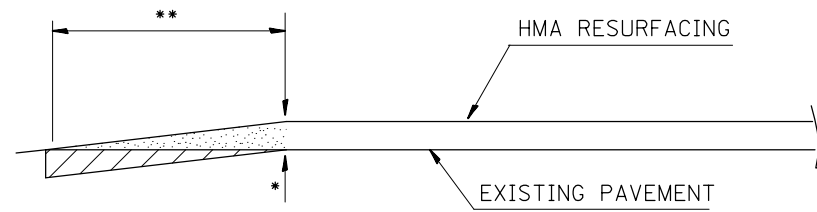
END RESURFACING  
DETAILS

FILE NAME =	USER NAME = dntelmenjn	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

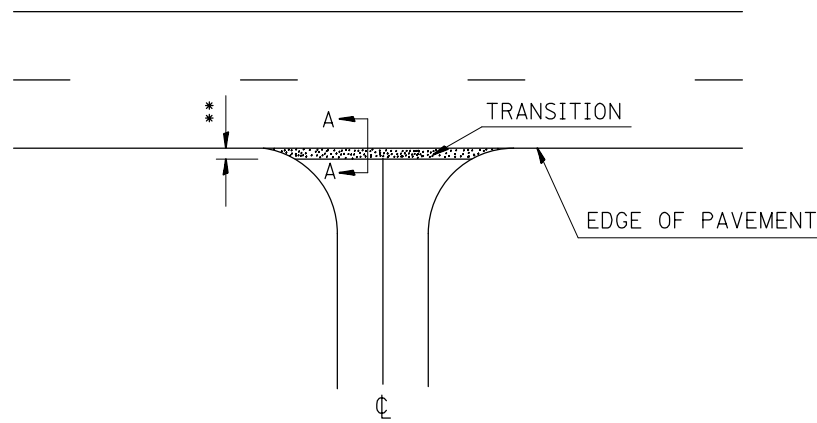
RESURFACING DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-1RS-2	BOND	16	15
CONTRACT NO. 76E95				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

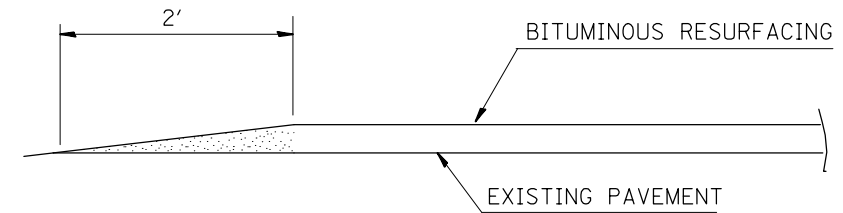


TRANSITION DETAIL  
SECTION A-A

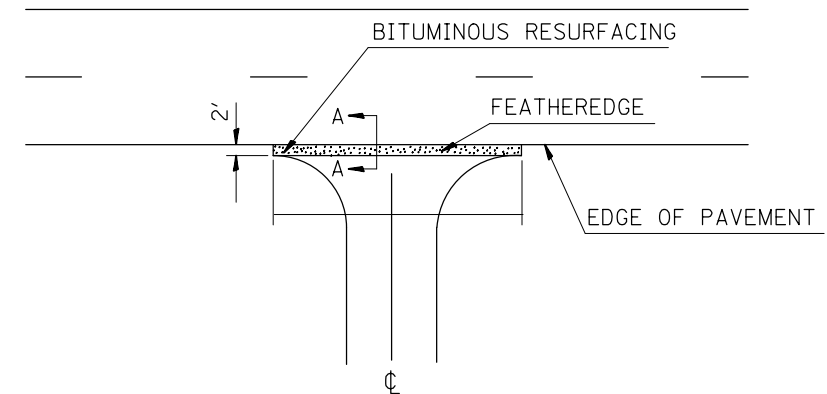
HOT-MIX ASPHALT SURFACE  
REMOVAL-BUTT JOINT



SIDEROAD DETAIL



FEATHER EDGE DETAIL  
SECTION A-A



ENTRANCE DETAIL

*EOP ELEVATION CHANGE	**TOTAL TRANSITION LENGTH
3/4"	3.5'
1"	5'
1-1/2"	7.5'
2"	10'
2-1/2"	12.5'
3"	15'
3-1/2"	17.5'
4"	20'
4-1/2"	22.5'
5"	25'
5-1/2"	27.5'
6"	30'

NOTE:  
WHERE THE HMA TRANSITION IS MATCHING  
INTO AN EXISTING HMA SIDE ROAD  
SURFACE, A MILLED BUTT JOINT SHALL  
BE CONSTRUCTED WITHIN THE LIMITS  
OF THE TOTAL TRANSITION LENGTH  
ON THE LOCAL ROUTE.

FILE NAME =	USER NAME = dntelmenjn	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/14/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SIDEROAD AND ENTRANCE DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
779/42	(36-2)RS-3,139-1RS-2	BOND	16	16
CONTRACT NO. 76E95				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				