

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9108	104RS-4	MADISON	15	1
		ILLINOIS CONTRACT NO. 76D80		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

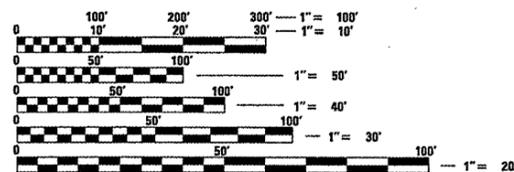
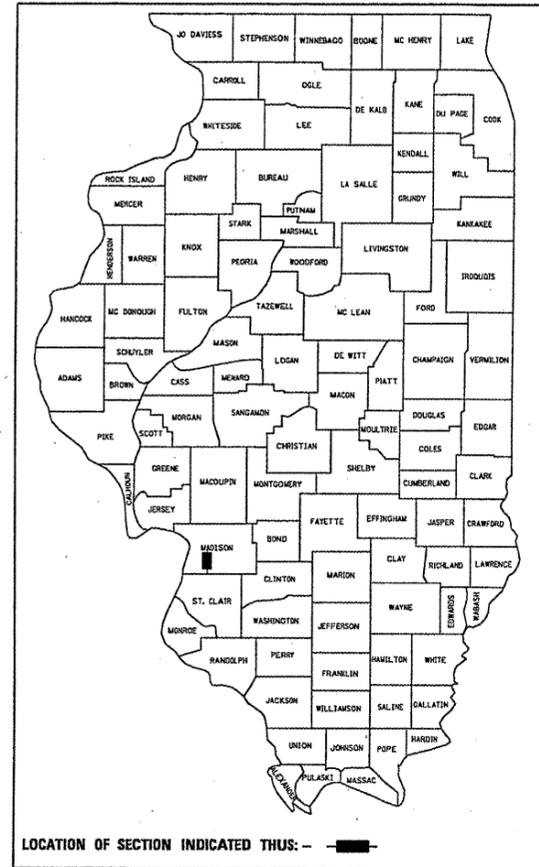
**PROPOSED  
HIGHWAY PLANS**

FAU ROUTE 9108 (Sand Prairie Road)  
SECTION 104RS-4

RESURFACING  
MADISON COUNTY  
C-98-061-10

FOR INDEX OF SHEETS, SEE SHEET NO. 02

D-98-048-10

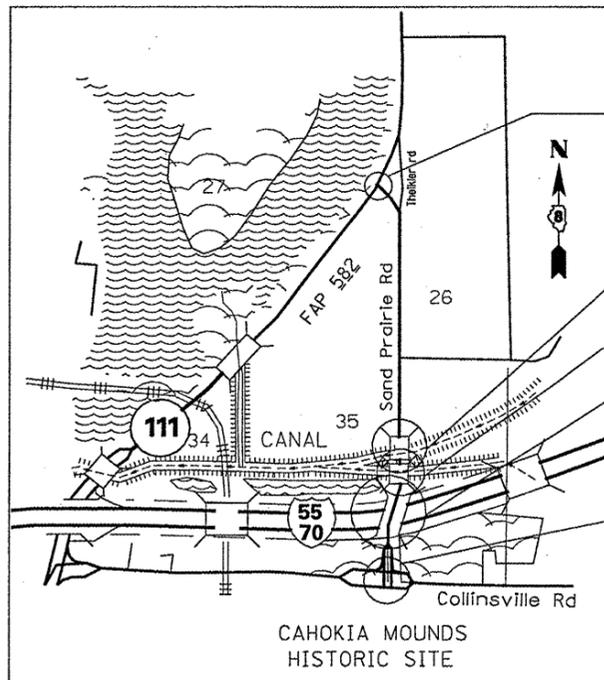


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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: CHERYL KEPLAR (618-346-3186)

CONTRACT NO. 76D80



END PROJECT  
MILE STA. 1.83

BRIDGE OMISSION  
MILE STA. 0.21-0.34

BRIDGE OMISSION  
MILE STA. 0.49-0.52

BRIDGE OMISSION  
MILE STA. 0.55-0.59

BEGIN PROJECT  
(MILE STA. 0.02)

CAHOKIA MOUNDS  
HISTORIC SITE

TRAFFIC DATA  
ADT: 1500 (2010)  
1800 (2030)  
SU: 0.70%  
MU: 2.10%

GROSS LENGTH = 9668 FT. = 1.83 MILE  
OMISSIONS = 1056 FT. = 0.20 MILE  
NET LENGTH = 8612 FT. = 1.63 MILE

BEGIN PROJECT  
LAT: 38.65911  
LONG: -90.06646

END PROJECT  
LAT: 38.68516  
LONG: -90.06708

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *March 16, 2010*  
*W. J. Ramie*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

*May 7, 2010*  
*Scott E. Stitt, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

*May 7, 2010*  
*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

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- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4-6 SCHEDULES OF QUANTITIES
- 7-8 TYPICAL SECTIONS
- 9 LOCATION MAP
- 10-15 DETAILS

**HIGHWAY STANDARDS**

406201-01	701311-03
442101-07	701501-05
606301-04	701901-01
630001-08	720001-01
630301-05	720006-02
631031-08	728001-01
635006-03	731001-01
701201-03	780001-02
701301-03	781001-03
701306-02	

**GENERAL NOTES**

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.
2. IF ANY SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED OR RESURFACED OVER. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR, OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.
3. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
 

	ABOVE GROUND	BELOW GROUND
*AMERENCIPS	X	
*AMERENIP	X	X
*AT&T ILLINOIS	X	X
*AT&T CORPORATION		X
*BUCKEYE PARTNERS, L.P.		X
*CITY OF COLLINSVILLE		X
*MEDIACOM	X	X
*SOUTHWESTERN ELECTRIC COOPERATIVE, INC.	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.
4. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF CURB, AND MEDIAN SURFACE. COST IS TO BE INCLUDED WITH APPROPRIATE GUTTER/MEDIAN PAY ITEM.
5. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

6. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

ROUTE	FAU 9108		
SECTION	104RS-4		
COUNTY	MADISON		
CONTRACT	76D80		
DESCRIPTION:	3P - SAND PRAIRIE RD. FROM IL 111 TO COLLINSVILLE RD.		
ADT (Construction Yr):	1500		
MU%:	1		
SU%:	1		
20 YR. ESAL'S:	0.10		
MIXTURE USE	SURFACE	LEVEL BINDER	PATCHING
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL 9.5	IL 9.5
FRICITION AGG	MIXTURE "C"	MIXTURE "C"	MIXTURE "C"

\*\* 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/inch (0.056 tons/sq yd/inch)

7. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
8. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, 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 THE MARKING ON THE FINAL SURFACE WILL BE REMOVED, PAID AS "WORK ZONE PAVEMENT MARKING REMOVAL(SF)."
9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
10. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
11. ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE (48X48) FLUORESCENT ORANGE.
12. FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.
13. THE PAVEMENT MARKING SHOWN IN THE PLANS IS APPROXIMATE. THE LOCATION OF THE PROPOSED PAVEMENT MARKINGS AND STOP BARS SHOULD MATCH EXISTING FIELD CONDITIONS.
14. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
15. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR ITS UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR ITS UTILITIES 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.
16. ANY EARTHWORK REQUIRED FOR STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINALS SHALL BE INCLUDED IN THE COST OF THESE ITEMS.
17. THE SIGN LOCATED IN THE MEDIAN AT M.S. 0.02 SHALL BE REMOVED AND REPLACED DUE TO THE INSTALLATION OF THE RAMPED MEDIAN NOSE. THE EXISTING SIGN PANEL SHALL BE REUSED. THE PROPOSED LOCATION SHALL BE DETERMINED BY THE ENGINEER UPON COMPLETION OF THE RAMPED MEDIAN NOSE. COST TO DO THIS WORK SHALL BE INCLUDED IN THE TELESCOPING STEEL SIGN SUPPORT PAY ITEM.

**COMMITMENTS**

NONE

FILE NAME =	USER NAME = #USER#	DESIGNED - ----	REVISED - ----	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS</b>	F.A.U. RTE. 9108	SECTION 104RS-4	COUNTY MADISON	TOTAL SHEETS 15	SHEET NO. 2	
#FILE#		DRAWN - ----	REVISED - ----			SCALE: ----- SHEET NO. 01 OF --- SHEETS MILE STA. 0.02 TO MILE STA. 1.83					
	PLOT SCALE = #SCALE#	CHECKED - ----	REVISED - ----			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					
	PLOT DATE = #DATE#	DATE - -----	REVISED - ----			CONTRACT NO. 76D80					

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN 100% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			URBAN 100% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	1000	-----	-----	CODE NO	ITEM	UNIT	1000	-----	-----		
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	29	29		70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	325	325			
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	6.6	6.6		* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	8	8			
40600300	AGGREGATE (PRIME COAT)	TON	32	32		* 73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1			
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	1156	1156		* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	28202	28202			
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	775	775		* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	55	55			
40600990	TEMPORARY RAMP	SO YD	173	173		* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	129	129			
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	1780	1780		* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	18	18			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	9	9		* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4			
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	733	733		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	119	119			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	2494	2494		X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	30	30			
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SO FT	725	725									
44200120	PAVEMENT PATCHING, TYPE II, 10 INCH	SO YD	132	132									
44200124	PAVEMENT PATCHING, TYPE III, 10 INCH	SO YD	59	59									
44200126	PAVEMENT PATCHING, TYPE IV, 10 INCH	SO YD	176	176									
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	679	679									
60621600	CONCRETE MEDIAN, TYPE SM	SO FT	30	30									
* 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	900	900									
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4	4									
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4									
63200310	GUARDRAIL REMOVAL	FOOT	915	915									
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3									
67100100	MOBILIZATION	L SUM	1	1									
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1									
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1									
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1									
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1844	1844									
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	28202	28202									
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	55	55									

*\*Specialty Items*

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#		DRAWN -	REVISED -			9108	104RS-4	MADISON	15	3	
		CHECKED -	REVISED -			SCALE: _____ SHEET NO. ____ OF ____ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 76D80			
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

RESURFACING SCHEDULE							
LOCATION	HMA SURFACE REMOVAL 1-1/2"	HMA SURFACE REMOVAL 2-1/2"	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER, (MACHINE METHOD) N70	H.M.A. SURFACE COURSE MIX "C"	AGGREGATE WEDGE SHOULDER, TYPE B
M.S. TO M.S.	SQ YD	SQ YD	TON	TON	TON	TON	FOOT
0.02 TO 0.17	0	0	0.72	3.5	129	194	69
0.17 TO 0.21	733	0	0.16	0.8	0	43	18
0.21 TO 0.34	BRIDGE						
0.34 TO 0.49	0	1936	0.61	2.9	108	163	69
0.49 TO 0.52	BRIDGE						
0.52 TO 0.55	0	387	0.12	0.6	22	33	14
0.55 TO 0.59	BRIDGE						
0.59 TO 1.55	0	171	3.88	18.6	694	1041	443
1.55 TO 1.79	0	0	0.97	4.6	173	263	55
1.79 TO 1.81	0	0	0.08	0.4	14	22	9
1.81 TO 1.83	0	0	0.08	0.4	14	22	
<b>TOTAL</b>	<b>733</b>	<b>2494</b>	<b>6.62</b>	<b>31.7</b>	<b>1156</b>	<b>1780</b>	<b>679</b>

PAVEMENT MARKING SCHEDULE										
LOCATION	THERMOPLASTIC PAVEMENT MARKING					TEMPORARY PAVEMENT MARKING LINE 4"	TEMPORARY PAVEMENT MARKING LINE 12"	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKERS	
	LINE 4"								ONE-WAY AMBER	TWO-WAY AMBER
	NO PASSING ZONE	SKIP DASH YELLOW	EDGE LINE SOLID WHITE	SOLID LINE YELLOW	SOLID LINE YELLOW					
M.S. TO M.S.	NB OR SB	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH
0.02 TO 0.29	NB/SB		2851	3201	55	6052	55	18	18	10
0.29 TO 0.60	NB	409	3274	1637		5320		20	20	
0.60 TO 1.50		1188	9504			10692		59	59	
1.50 TO 1.71	SB	277	2218	1109		3604		14	14	
1.71 TO 1.83	NB/SB		1267	1267		2534		8	8	
SUBTOTALS		1874	19114	7214	55	28202	55	119	119	10
TOTALS			28202		55	28202	55	119	129	

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		SCALE: _____	SHEET NO. ___ OF ___ SHEETS	STA. _____ TO STA. _____	910B	104RS-4	MADISON	15	4
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		CONTRACT NO. 76D80							
	PLOT DATE = #DATE#	DATE -	REVISED -		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT							

SIDE ROAD AND ENTRANCE SCHEDULE						
LOCATION	OFFSET	TYPE	EXISTING SURFACE	WIDTH	LENGTH	INCIDENTAL HMA SURFACING
MILE STATION	RT/LT			FOOT	FOOT	
1.01	RT	SIDE ROAD BISCHOFF RD	BITUMINOUS	60	12.5	5.8
1.34	LT	COMMERCIAL	BITUMINOUS	34	3	0.8
1.60	RT	PRIVATE	BITUMINOUS	30	3	0.7
1.79	RT	PRIVATE	BITUMINOUS	30	3	0.7
1.80	RT	PRIVATE	BITUMINOUS	34	3	0.8
TOTAL						8.8

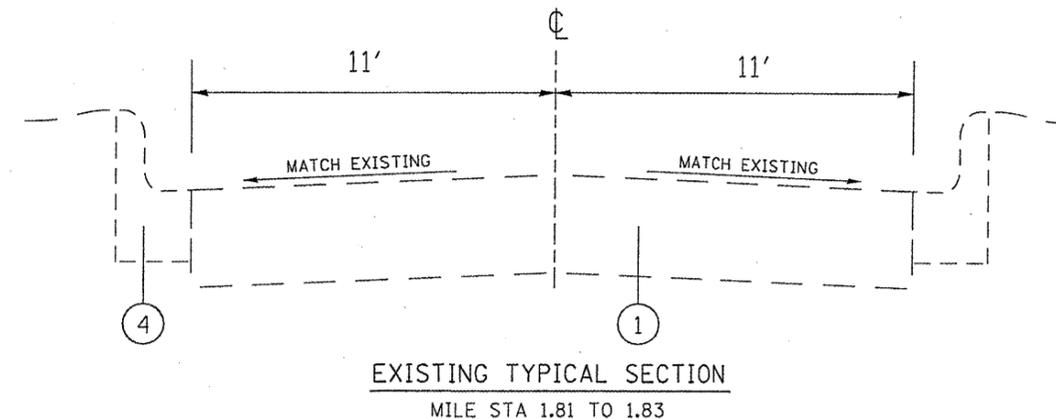
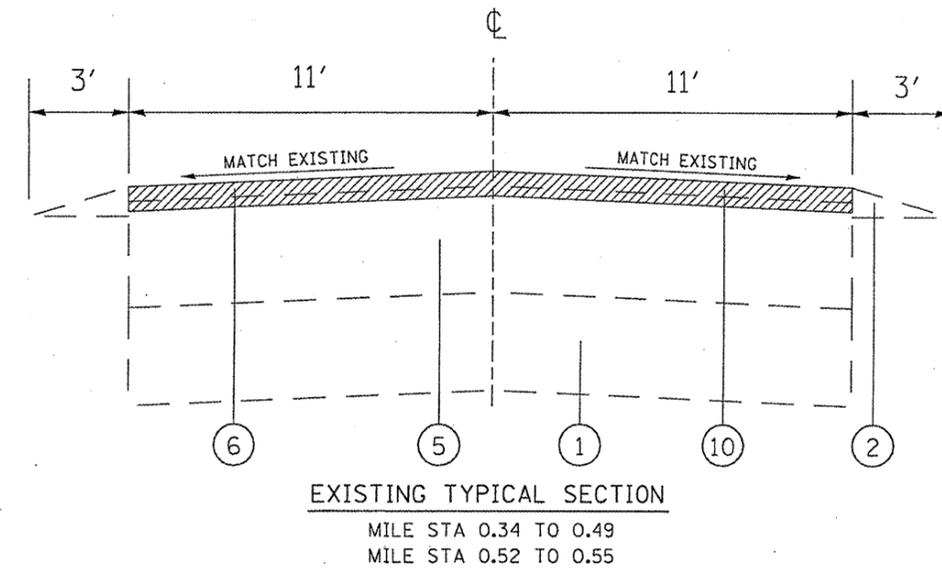
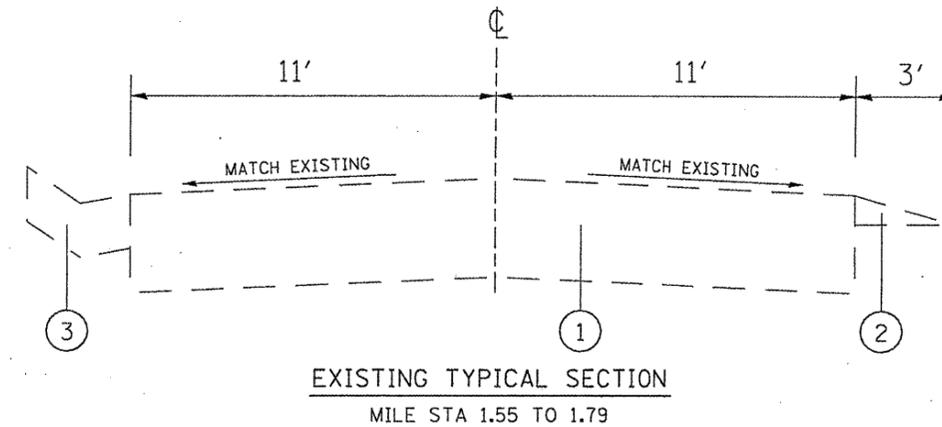
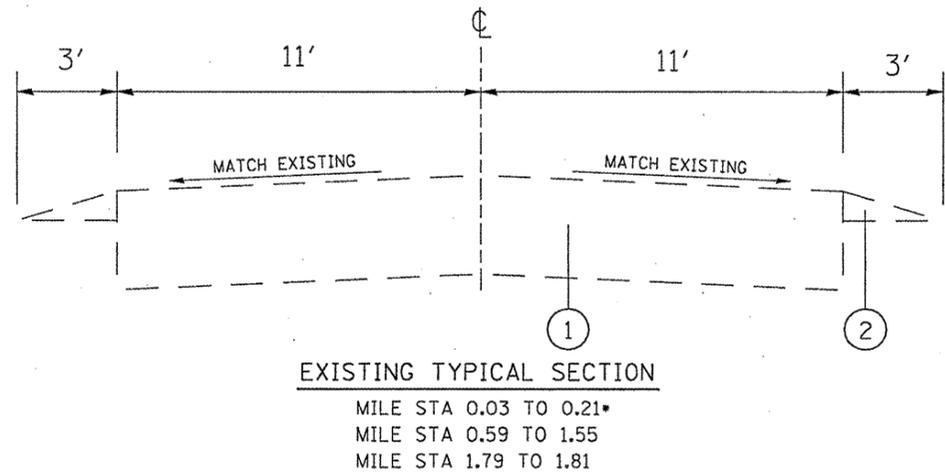
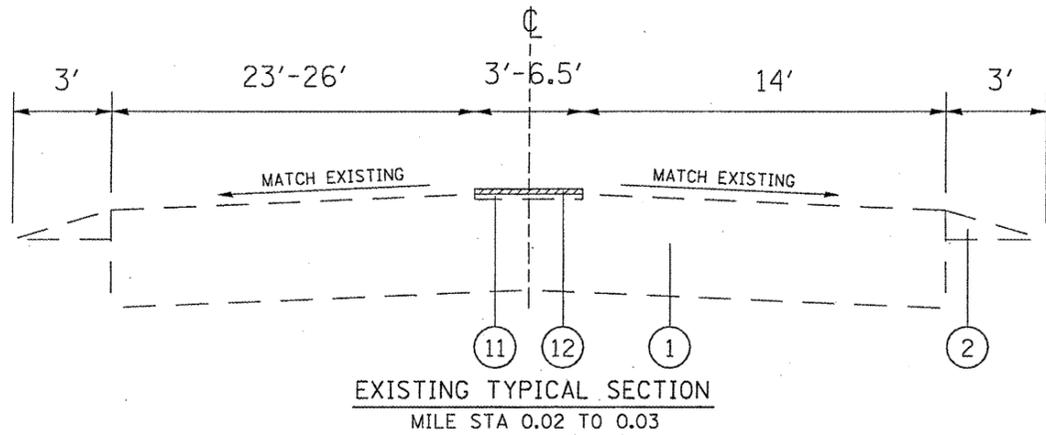
PATCHING SCHEDULE						
LOCATION	LANE	LENGTH	WIDTH	PAVEMENT PATCHING 10"		
				TYPE II	TYPE III	TYPE IV
MILE STATION	SOUTH OR NORTH BOUND	FOOT	FOOT	SQ YD	SQ YD	SQ YD
0.05	SOUTH BOUND	6	18	12.00		
0.13	SOUTH BOUND	6	11	7.33		
0.15	SOUTH BOUND	6	11	7.33		
0.15	NORTH BOUND	6	11	7.33		
0.63	NORTH BOUND	6	11	7.33		
0.63	SOUTH BOUND	6	11	7.33		
0.76	NORTH BOUND	8	11	9.78		
1.36	SOUTH BOUND	6	11	7.33		
1.48	NORTH BOUND	6	11	7.33		
1.72	SOUTH BOUND	6	11	7.33		
1.75	NORTH BOUND	6	11	7.33		
1.75	SOUTH BOUND	6	11	7.33		
1.80	NORTH BOUND	20	11		24.44	
1.80	SOUTH BOUND	12	11	14.67		
1.81	NORTH BOUND	25	11			30.56
1.82	SOUTH BOUND	20	11		24.44	
1.85	SOUTH BOUND	50	11			61.11
1.85	NORTH BOUND	45	11			55.00
SUBTOTAL				109.78	48.89	146.67
ANTICIPATED FAILURE (20%)				21.96	9.78	29.33
TOTAL				131.73	58.67	176.00

FILE NAME =	USER NAME = #USER*	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SCHEDULES</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - ---	REVISED - ---			910B	104R5-4	MADISON	15	5	
	PLOT SCALE = #SCALE*	CHECKED - ---	REVISED - ---			CONTRACT NO. 76D80					
	PLOT DATE = #DATE*	DATE - -----	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					
				SCALE: ----- SHEET NO. -- OF --- SHEETS STA. ----- TO STA. -----							

MAILBOX TURNOUTS		
LOCATION	OFFSET	AGGREGATE SURFACE COURSE, TYPE B
MILE STA.	LT/RT	TONS
1.60	RT	7.2
1.72	RT	7.2
1.76	RT	7.2
1.80	RT	7.2
TOTALS		28.8

BUTT JOINT SCHEDULE		
LOCATION	HMA SURFACE REMOVAL - BUTT JOINT	TEMPORARY RAMP
MILE STATION	SQ YD	SQ YD
0.01	233	40
0.34	0	21
0.49	0	21
0.52	0	21
0.55	0	21
1.83	542	50
TOTAL	775	173

GUARDRAIL SCHEDULE							
LOCATION		SPBGR REMOVAL	SPBGR TYPE A	TRAFFIC BARRIER TERM		GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER DIRECT APPLIED
MILE STATION	LT/RT	FOOT	FOOT	TY 1 SPL	TY 6	EACH	EACH
0.14	RT			1		1	
0.14	LT			1		1	
0.21	RT				1		
0.21	LT				1		
0.34	RT				1		
0.34	LT				1		
0.38	RT			1		1	
0.39	LT			1		1	
0.14 TO 0.21	RT	385	300				5
0.14 TO 0.21	LT	385	300				5
0.34 TO 0.35	RT	60					
0.34 TO 0.36	LT	85					
0.34 TO 0.38	RT		112.5				4
0.34 TO 0.39	LT		187.5				4
TOTALS		915	900	4	4	4	18



**BRIDGE OMISSIONS**

MILE STA 0.21 TO 0.34  
MILE STA 0.49 TO 0.52  
MILE STA 0.55 TO 0.59

\*NOTE:  
M.S. 0.17-0.21  
SEE DETAIL ON SHEET NO. 12  
FOR MILLING AND RESURFACING

**LEGEND**

- ① EXISTING PCC PAVEMENT - 10"
- ② EXISTING AGGREGATE SHOULDER
- ③ EXISTING GUTTER
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING LEVELING BINDER, MIXTURE B, TYPE 2, VAR 1" TO 10-3/4"
- ⑥ EXISTING HMA SURFACE COURSE, MIXTURE D, CLASS I, TYPE 2, 1-1/2"
- ⑦ PROPOSED LEVELING BINDER (MACHINE METHOD), 1"
- ⑧ PROPOSED HMA SURFACE COURSE, 1-1/2"
- ⑨ PROPOSED AGGREGATE WEDGE, TYPE B
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2-1/2"
- ⑪ EXISTING PCC CORRUGATED MEDIAN
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

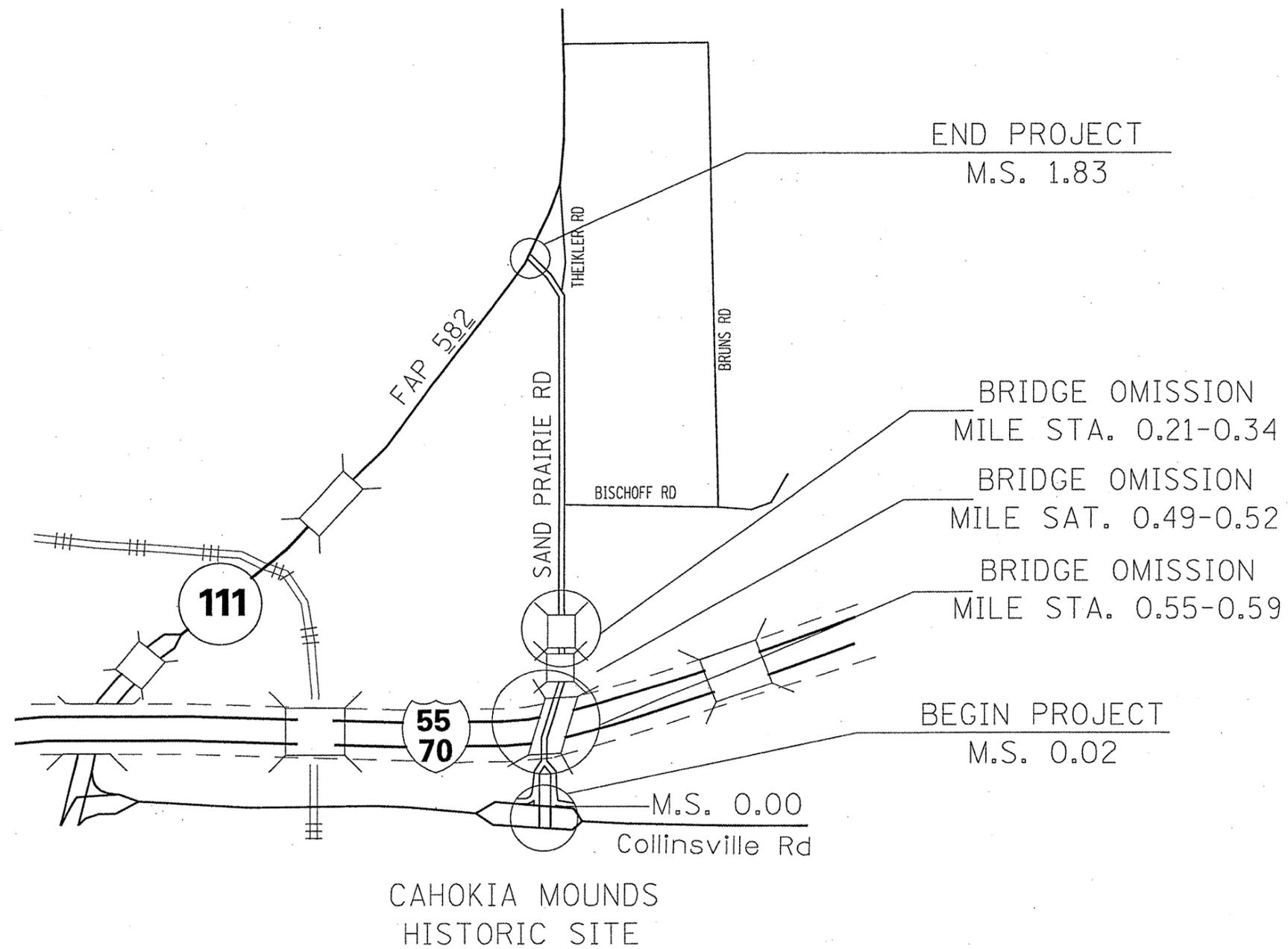
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#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING TYPICAL SECTION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
910B	104RS-4	MADISON	15	7
SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____			CONTRACT NO. 76D80	
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT				





FILE NAME #	USER NAME # USER*	DESIGNED -	REVISD -
#FILE#		DRAWN -	REVISD -
	PLOT SCALE = #SCALE#	CHECKED -	REVISD -
	PLOT DATE = #DATE#	DATE -	REVISD -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

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

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9108	104RS-4	MADISON	15	9
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D80	



 MEDIAN REMOVAL  
PARTIAL DEPTH,  
725 SQ FT

100'  
5'

PROJECT BEGINS  
M.S. 0.02

PCC  
SURFACE

9.5'

\*CONCRETE MEDIAN  
REMOVAL, 30 SQ FT

HMA  
SURFACE

\*CONCRETE MEDIAN  
TYPE SM, 30 SQ FT

M.S. 0.00

COLLINSVILLE ROAD

\* PORTION OF THE EXISTING CONCRETE MEDIAN  
SHALL BE REMOVED IN ORDER TO CONSTRUCT  
A "RAMPED" MEDIAN NOSE. SEE SHEET NO. 14

NOT TO SCALE



PROJECT ENDS  
M.S. 1.83

EXISTING CURB  
AND GUTTER

EXISTING  
GUTTER

SAND PRAIRIE ROAD

NOT TO SCALE

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED - ----	REVISED - ----
		DRAWN - ----	REVISED - ----
		CHECKED - ----	REVISED - ----
		DATE - ----	REVISED - ----

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEGINNING AND END OF PROJECT DETAILS

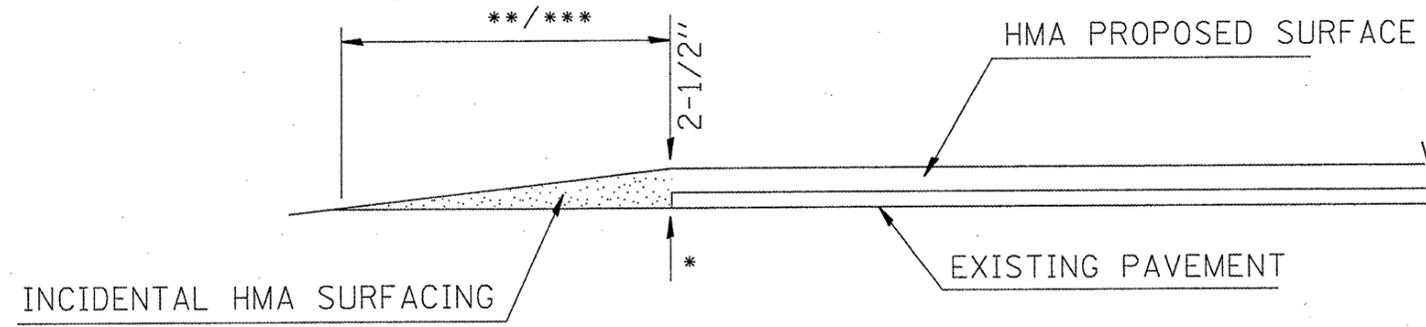
SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
910B	104RS-4	MADISON	15	10
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D80	

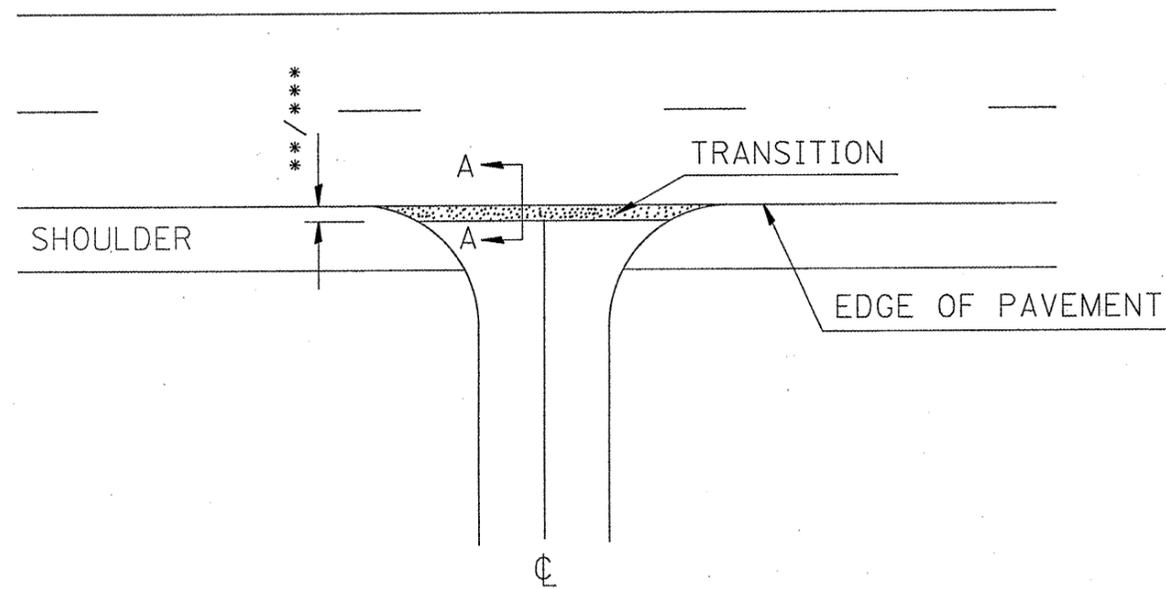
# ENTRANCE AND SIDEROAD DETAIL

\*\* SIDEROAD = 12.5'

\*\*\* ENTRANCE = 3'

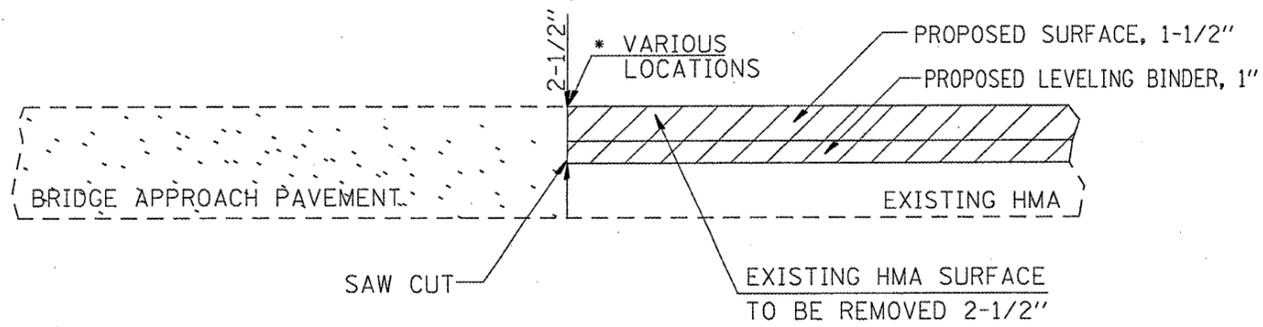


TRANSITION DETAIL  
SECTION A-A



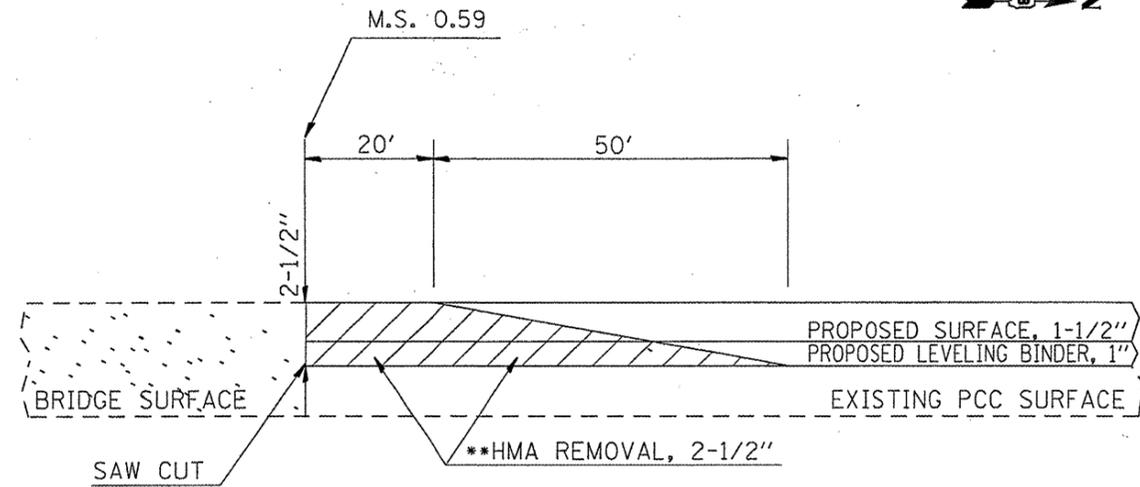
FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ENTRANCE AND SIDEROAD DETAIL</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - ---	REVISED - ---			910B	104RS-4	MADISON	15	11	
		CHECKED - ---	REVISED - ---			CONTRACT NO. 76D80					
		DATE - ---	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					
				SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____							

# RESURFACING DETAILS

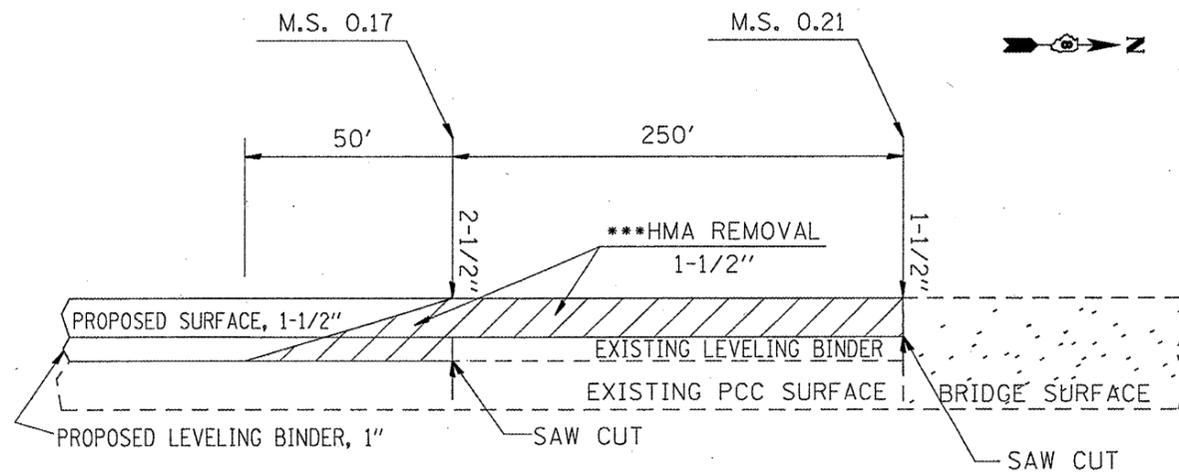


\* VARIOUS LOCATIONS

- M.S. 0.34
- M.S. 0.49
- M.S. 0.52
- M.S. 0.55



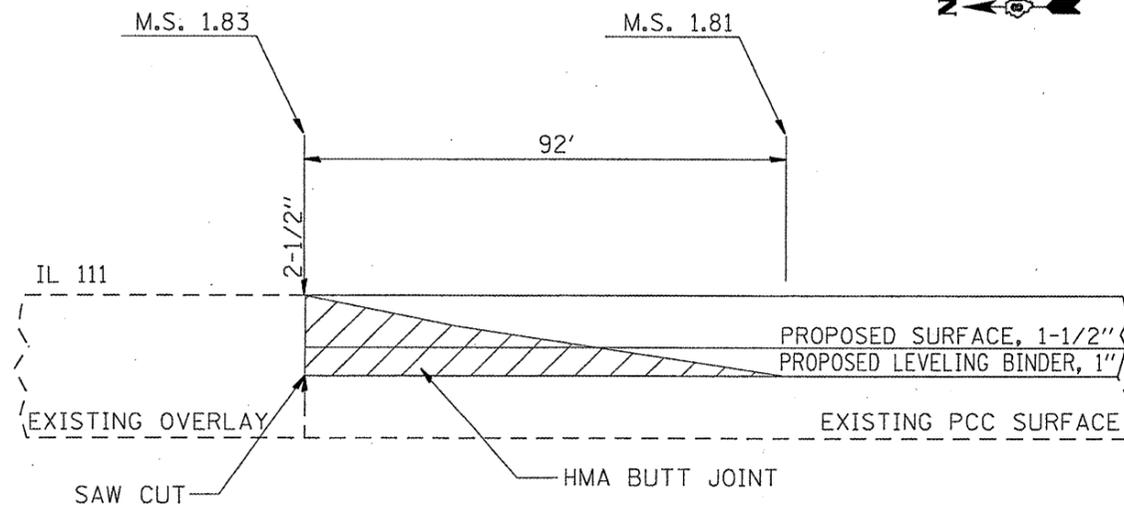
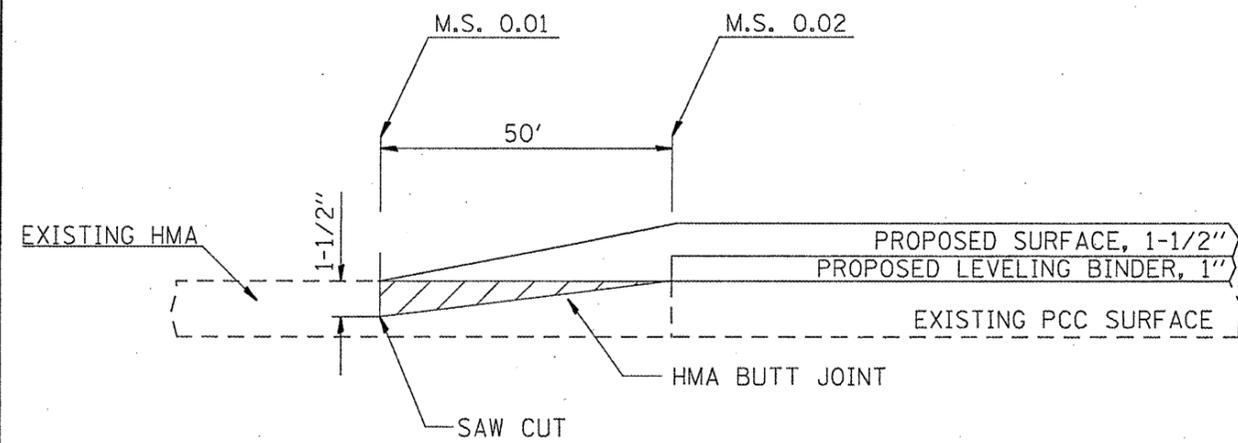
**\*\* NOTE:**  
MILLING OF EXISTING FEATHER EDGE INCLUDED IN HMA REMOVAL 2-1/2"



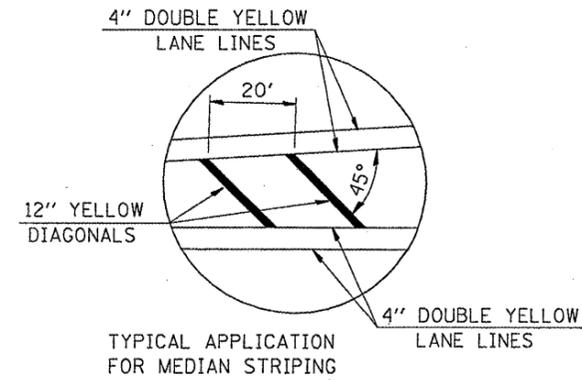
**\*\*\* NOTE:**  
MILLING OF EXISTING FEATHER EDGE INCLUDED IN HMA REMOVAL 1-1/2"

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RESURFACING DETAILS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#	PLOT SCALE = #SCALE#	DRAWN - ---	REVISED - ---			9108	104RS-4	MADISON	15	12	
	PLOT DATE = #DATE#	CHECKED - ---	REVISED - ---			CONTRACT NO. 76D80					
		DATE - ---	REVISED - ---			FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					
						SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____					

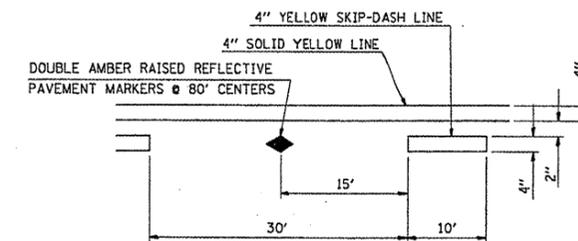
# PROPOSED BUTT JOINTS



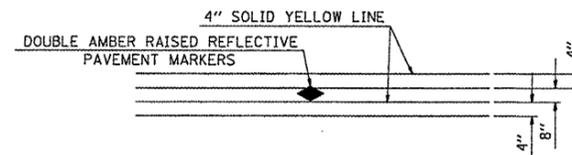
# PAVEMENT MARKINGS DETAILS



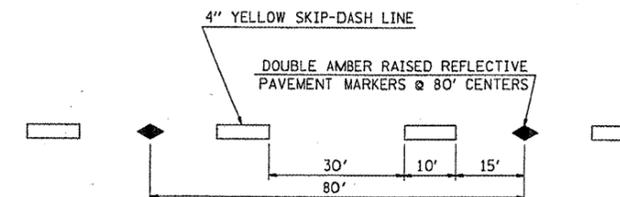
DETAIL 'A'  
NOT TO SCALE



TYPICAL APPLICATION FOR  
SOLID YELLOW AND SKIP-DASH LINES  
WITH RAISED REFLECTIVE PAVEMENT MARKERS  
DETAIL 'B'



TYPICAL APPLICATION  
FOR DOUBLE YELLOW LANE LINES  
WITH RAISED REFLECTIVE PAVEMENT MARKERS  
DETAIL 'C'



TYPICAL APPLICATION  
FOR YELLOW SKIP-DASH LINES  
WITH RAISED REFLECTIVE PAVEMENT MARKERS  
DETAIL 'D'

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISD -
#FILE#		DRAWN -	REVISD -
		CHECKED -	REVISD -
		DATE -	REVISD -

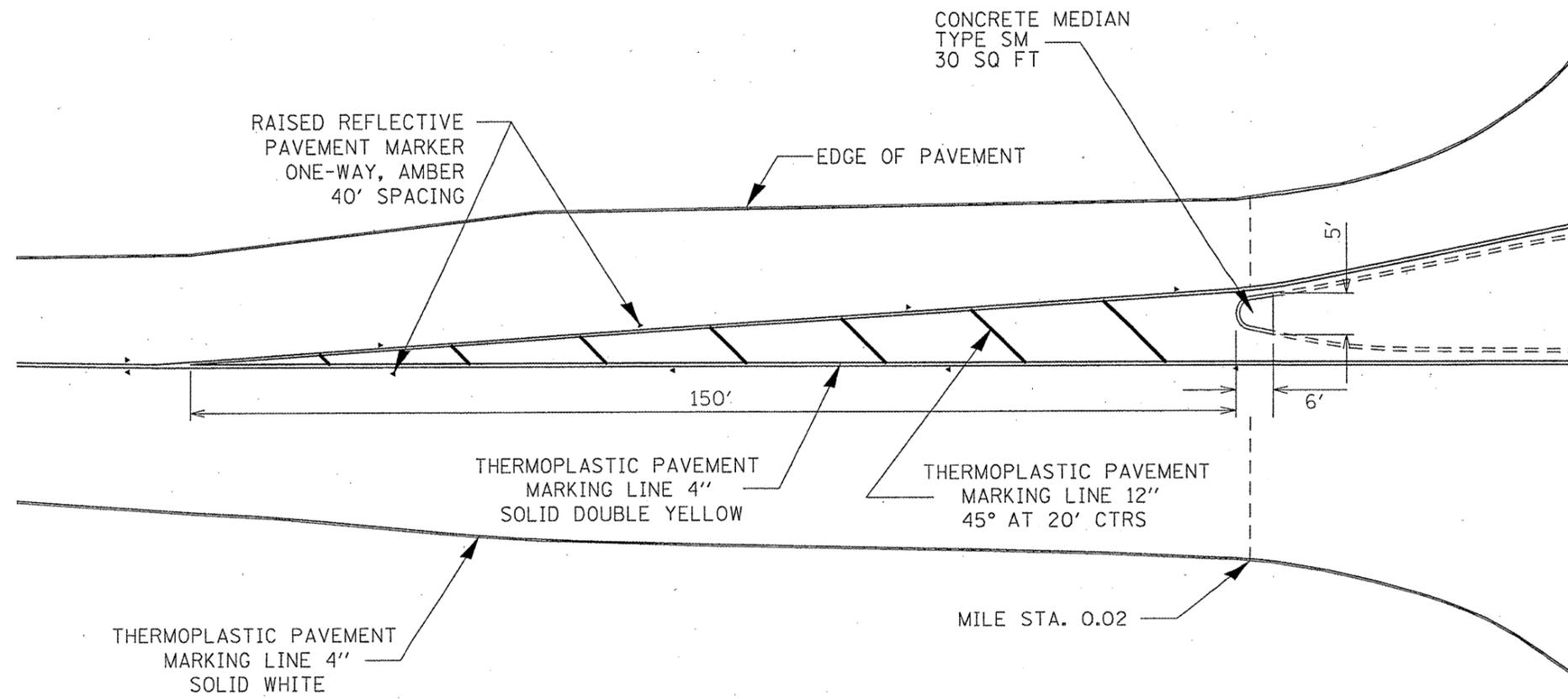
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINTS AND PAVEMENT MARKING DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
910B	104RS-4	MADISON	15	13
FED. ROAD DIST. NO. _____ ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D80	

# MEDIAN MARKING DETAIL AT BEGINING OF PROJECT

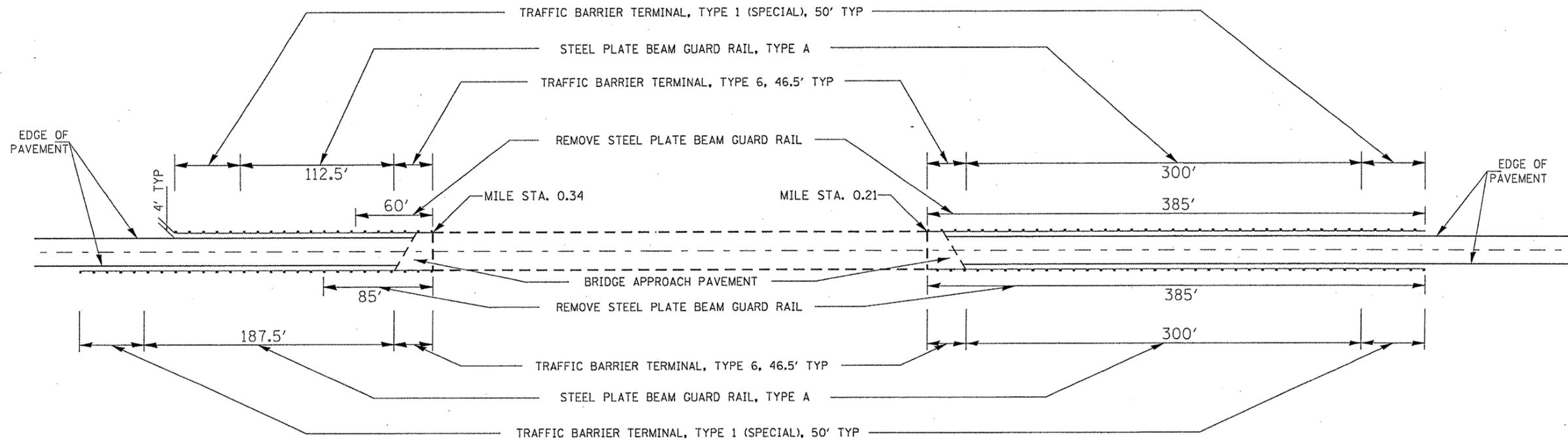
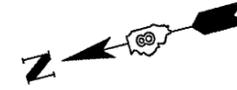


NOTE:  
SEE PAVEMENT MARKING DETAIL "A"  
SHEET 13 FOR TYPICAL MEDIAN  
STRIPING.

NOT TO SCALE

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING DETAIL AT BEGINNING OF PROJECT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			9108	104RS-4	MADISON	15	14	
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			SCALE: _____ SHEET NO. ___ OF ___ SHEETS   STA. _____ TO STA. _____		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			
	PLOT DATE = #DATE#	DATE -	REVISED -			CONTRACT NO. 76DBO					

# GUARDRAIL DETAIL



NOT TO SCALE

FILE NAME =	USER NAME = #USER#	DESIGNED - ---	REVISED - ---	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GUARDRAIL DETAIL</b>	F.A.U. RTE. 9108	SECTION 104RS-4	COUNTY MADISON	TOTAL SHEETS 15	SHEET NO. 15
#FILE#		DRAWN - ---	REVISED - ---			SCALE: _____ SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____		CONTRACT NO. 76D80		
	PLOT SCALE = #SCALE#	CHECKED - ---	REVISED - ---			FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				
	PLOT DATE = #DATE#	DATE - ---	REVISED - ---							