

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. DIST 8 RESURFACING 2010-5		MADISON	57	1
		ILLINOIS	CONTRACT NO. 76D83	

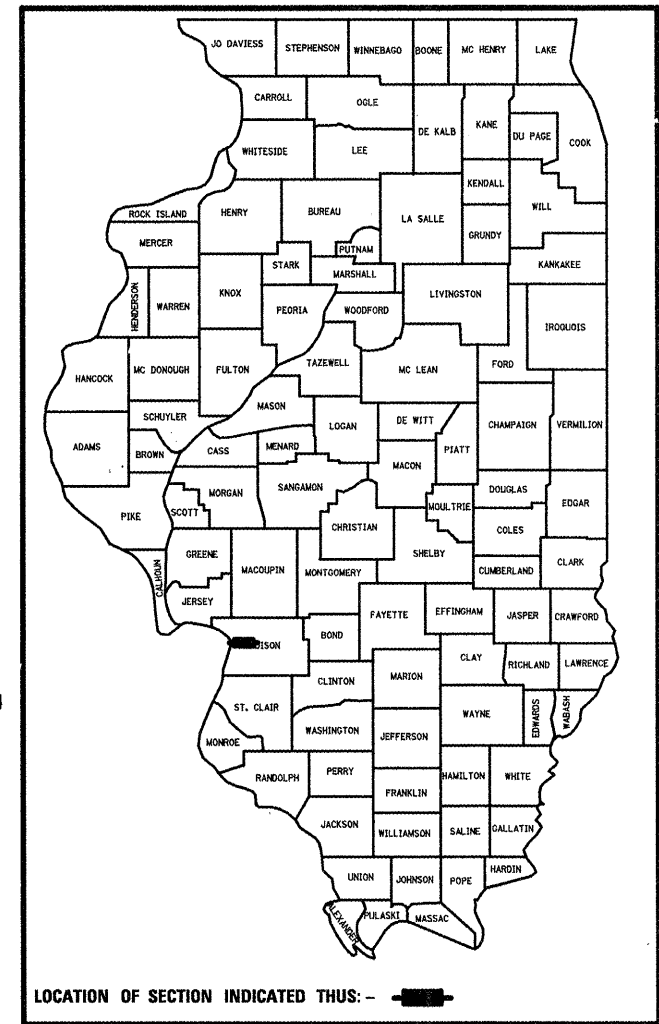
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION DIST 8 RESURFACING 2010-5
SIUE N. ACCESS RD & HAWTHORNE /MADISON AVE
MADISON COUNTY

C-98-064-10

D-98-051-10



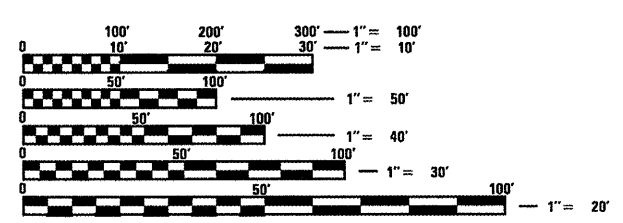
LOCATION OF SECTION INDICATED THUS: - [shaded area]

INDEX OF SHEETS

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57. MISCELLANEOUS DETAILS

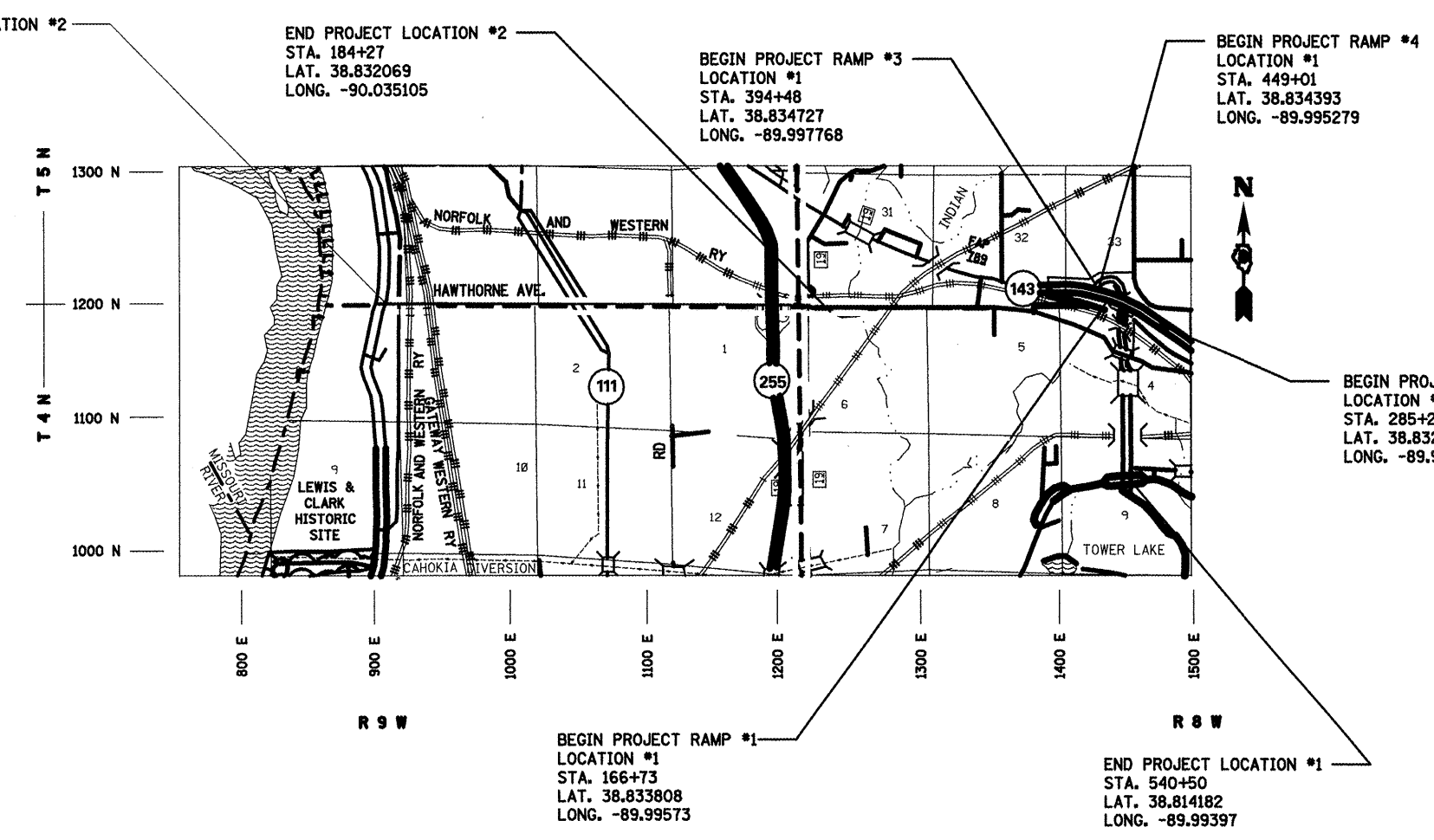
SEE PAGES #24 & #25
OF 55 FOR OMISSIONS
AT INTERSECTIONS, RAILROAD
AND STRUCTURES.

SCALES



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



BEGIN PROJECT LOCATION #2
STA. 0+69
LAT. 38.83354
LONG. -90.098855

END PROJECT LOCATION #2
STA. 184+27
LAT. 38.832069
LONG. -90.035105

BEGIN PROJECT RAMP #3
LOCATION #1
STA. 394+48
LAT. 38.834727
LONG. -89.997768

BEGIN PROJECT RAMP #4
LOCATION #1
STA. 449+01
LAT. 38.834393
LONG. -89.995279

BEGIN PROJECT RAMP #2
LOCATION #1
STA. 285+29
LAT. 38.832604
LONG. -89.99146

BEGIN PROJECT RAMP #1
LOCATION #1
STA. 166+73
LAT. 38.833808
LONG. -89.99573

END PROJECT LOCATION #1
STA. 540+50
LAT. 38.814182
LONG. -89.99397

MAP NOT TO SCALE

PROJECT ENGINEER: TIM PADGETT 618-346-3325
PROJECT MANAGER: JOHN ADCOCK 618-346-3354

CONTRACT NO. 76D83

LOCATION #1
GROSS LENGTH = 9474 FT. = 1.79 MILE
NET LENGTH = 9043 FT. = 1.71 MILE

LOCATION #2
GROSS LENGTH = 18358 FT. = 3.48 MILE
NET LENGTH = 18232 FT. = 3.45 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 17, 2010
Ms. C. Pami
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

April 9, 2010
Scott E. Stitt, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

April 9, 2010
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GENERAL NOTES

- 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. THE PAY ITEM, SURVEY MONUMENT COVER ASSEMBLY, WAS INCLUDED TO PRESERVE SUCH MONUMENTS. ONE SURVEY MONUMENT WAS FOUND AT STA. 172+19. ANY OTHER MONUMENTS FOUND SHALL ALSO BE PRESERVED.
- THE USE OF VIBRATORY ROLLERS IS PROHIBITED IN RESIDENTIAL AREAS. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE HOT-MIX ASPHALT PAVEMENTS AS SPECIFIED IN THE APPROPRIATE SECTIONS OF THE STANDARD SPECIFICATIONS.
- THE THICKNESS OF THE HOT-MIX ASPHALT 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 MIXTURE IS PLACED.
- THE THICKNESS OF HOT-MIX ASPHALT SURFACE REMOVAL AT LOCATION #2 WILL BE A NOMINAL 2 INCHES BASED ON THE CENTERLINE OF THE ROADWAY. AN ESTIMATED 6000 TONS OF HOT-MIX ASPHALT SURFACE WILL BE REMOVED.
- 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:

- *AMERENCIPS
- *AMERENIP
- *AT&T ILLINOIS
- *AT&T CORPORATION
- *BUCKEYE PARTNERS, L.P.
- *CENTERPOINT ENERGY
- *CHARTER COMMUNICATIONS, INC.
- *CONOCO PHILLIPS COMPANY HARTFORD TERMINAL
- *CITY OF EDWARDSVILLE
- *ENBRIDGE ENERGY COMPANY, INC.
- *EXPLORER PIPELINE COMPANY
- *VILLAGE OF HARTFORD
- *KEYSTONE PIPELINE
- *KINDER MORGAN
- *KOCH PIPELINE COMPANY, LP
- *LEVEL 3 COMMUNICATIONS, LLC
- *LINDE NORTH AMERICA, INC.
- *MARATHON PIPE LINE LLC
- *VERIZON BUSINESS
- *NORTHEAST CENTRAL COUNTY PUBLIC WATER DISTRICT
- *36ONETWORKS (USA) INC.
- *PLAINS MARKETING, L.P.
- *THE PREMCOR REFINING GROUP, INC.
- *VILLAGE OF ROXANA
- *SINCLAIR REFINING COMPANY
- *VILLAGE OF SOUTH ROXANA
- *SOUTHWESTERN ELECTRIC COOPERATIVE, INC.
- *SPRINT/NEXTEL
- *ST. LOUIS PIPELINE
- *CITY OF WOOD RIVER

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

- ALL SHORT-TERM PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS. SHORT-TERM PAVEMENT MARKING HAS BEEN CALCULATED TO BE APPLIED TO THE MILLED, PRIMED, LEVEL BINDER AND FINAL HMA SURFACE. REMOVAL OF SHORT-TERM PAVEMENT MARKING FROM THE FINAL HMA SURFACE ONLY IS TO BE PAID AS "WORK ZONE PAVEMENT MARKING REMOVAL".
- HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
- THE CONTRACTOR SHALL BE AWARE THAT THERE ARE MANHOLES & VALVES LOCATED WITHIN THE RESURFACING LIMITS. CARE SHALL BE TAKEN IN THESE LOCATIONS DURING MILLING OPERATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

- SIDEROAD SURFACE REMOVAL SHALL BE CONSTRUCTED AS PER ARTICLE 440.04 EXCEPT THAT THE MILLED PAVEMENT SHALL BE RESURFACED WITHIN 3 CALENDAR DAYS AND AS DIRECTED BY THE ENGINEER. FAILURE TO COMPLY WITH THE ABOVE SPECIFIED TIMEFRAME WILL RESULT IN THE CONTRACTOR REPAIRING DAMAGED AREAS AT NO COST TO THE DEPARTMENT.
- THE CONTRACTOR SHALL BE AWARE THAT AREAS OF PCC MAY BE ENCOUNTERED WHILE PERFORMING HMA SURFACE REMOVAL BUTT JOINTS. THESE AREAS SHALL BE MILLED AS PART OF THE PROPOSED HMA SURFACE REMOVAL BUTT JOINTS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR MILLING OF THE CONCRETE.

TRAFFIC CONTROL

- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT PLUS THE INTERSECTING SIDE ROADS, AND WILL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.
- FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

COMMITMENTS

NONE

STANDARDS

- 000001-05
- 420701-02
- 442201-03
- 606001-04
- 630001-08
- 631026-05
- 631031-08
- 631033-03
- 635006-03
- 635011-02
- 701306-02
- 701311-03
- 701411-06
- 701421-02
- 701426-03
- 701451-01
- 701501-05
- 701601-06
- 701701-06
- 701901-01
- 780001-02
- 781001-03
- 886001-01
- 886006-01

MIXTURE CHART

MIXTURE USE	SURFACE	LEVEL BINDER	PATCHING	INCIDENTAL SURF	PARTIAL DEPTH PATCH
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90
MIX COMPOSITION					
(GRADATION MIXTURE)		IL 9.5	IL 19.0		
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"	MIXTURE "C"	MIXTURE "D"

MIXTURE USE	* SHOULDERS	
AC/PG	PG 64-22	
RAP % (MAX)	See Contract RAP Special Provision	* Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.
DESIGN AIR VOIDS		
MIX COMPOSITION	2.0% @ Ndes=30	Plan quantities for HOT MIX ASPHALT items are calculated using a unit weight of 112 lb/sq yd./In.
(GRADATION MIXTURE)		
FRICITION AGG	BAM	

SUMMARY OF QUANTITIES

100% STATE

100% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000 LOCATION #1	1000 LOCATION #2	1000 LOCATION #2
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	43.6	25.9	17	0.7
40600300	AGGREGATE (PRIME COAT)	TON	209	124	82	3
40600645	LEVELING BINDER (MACHINE METHOD), N90	TON	4953	2664	2249	40
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SG YD	1202	1202		
40600990	TEMPORARY RAMP	SG YD	563	200	363	
40603345	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N90	TON	8675	3995	4497	183
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	226	150	76	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SG YD	838		838	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SG YD	55621		53538	2083
44004250	PAVED SHOULDER REMOVAL	SG YD	8	8		
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SG YD	76		76	
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SG YD	70		70	
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SG YD	506		506	
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SG YD	150	150		
44201733	CLASS D PATCHES, TYPE III, 7 INCH	SG YD	43	43		
44213100	PAVEMENT FABRIC	SG YD	652		652	
44213200	SAW CUTS	FOOT	245	245		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1661	1411	250	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	4943	4943		
50105220	PIPE CULVERT REMOVAL	FOOT	46		46	
50300225	CONCRETE STRUCTURES	CU YD	10.2	10.2		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	1720	1720		
60100080	FRENCH DRAINS	CU YD	216		216	
60600605	CONCRETE CURB, TYPE B	FOOT	120	120		
*63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	6792.5	6792.5		
*63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	4	4		
*63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8	8		
*63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4		
*63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2		
*63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	10	10		
*63100217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)	EACH	2	2		
63200310	GUARDRAIL REMOVAL	FOOT	6500	6500		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000 LOCATION #1	1000 LOCATION #2	1000 LOCATION #2
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	4	3	
67100100	MOBILIZATION	L SUM	1	0.5	0.5	
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1		
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2	2		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1		1	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1		1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1		1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	29830	7798	22032	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SG FT	692		692	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	98852	44095	54757	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2571	2571		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	823		823	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	324		324	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SG FT	39427	17462	21965	
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SG FT	692		692	
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	96912	42155	54757	
*78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2571	2571		
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	823		823	
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	324		324	
*78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	1940	1940		
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	403	165	238	
*78200300	PRISMATIC CURB REFLECTOR	EACH	170		170	
*78200410	GUARDRAIL MARKERS, TYPE A	EACH	70	70		
*78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	20	20		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	403	165	238	
*80300100	LOCATING UNDERGROUND CABLE	FOOT	30		30	

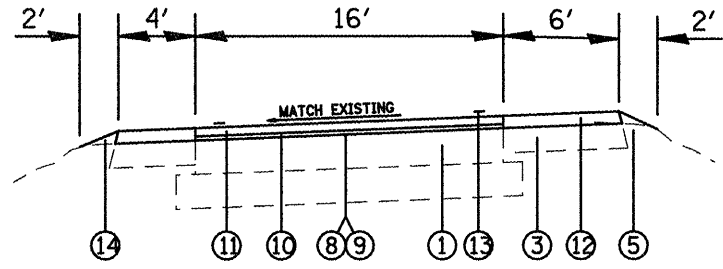
**Specialty Items*

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pwwork\PIWIDOT\WATERSLE\ad8175033\ad8	6d83-eh-t-plan\dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	3
	PLOT SCALE = 1/8" = 100.0000' / IN.	CHECKED -	REVISED -							
	PLOT DATE = 3/15/2010	DATE -	REVISED -							
						SCALE: _____ SHEET NO. 1 OF 1 SHEETS		STA. _____ TO STA. _____		CONTRACT NO. 76083
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT										

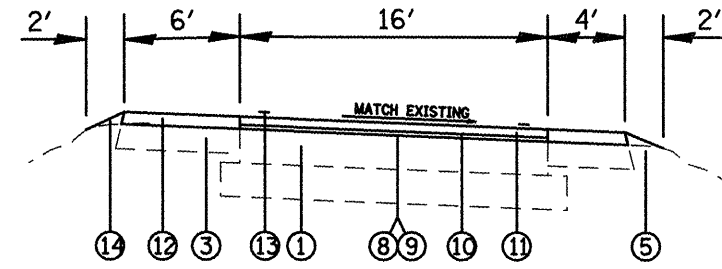
SUMMARY OF QUANTITIES

100% STATE

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		1000 LOCATION #1	1000 LOCATION #2	1000 LOCATION #2	CODE NO	ITEM	UNIT		1000 LOCATION #1	1000 LOCATION #2	1000 LOCATION #2 FED/STATE/VILLAGE 80/10/10
X88600600	DETECTOR LOOP REPLACEMENT	FOOT	1667		1667								
X4421000	PARTIAL DEPTH PATCHING	TON	92	92									
X4422025	PARTIAL DEPTH REMOVAL 2"	SQ YD	828	828									
X7800200	PAINT PAVEMENT MARKING CURB	FOOT	1220		1220								
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1		1								
Z0070100	SURVEY MONUMENT COVER ASSEMBLY	EACH	1		1								
Z0075310	TIE BARS 3/4"	EACH	562		562								
<i>*Specialty Items</i>													



TYPICAL RAMP SECTION
NORTH ACCESS ROAD
NOT TO SCALE
RAMP 3



TYPICAL RAMP SECTION
NORTH ACCESS ROAD
NOT TO SCALE
RAMP 1
RAMP 2
RAMP 4

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

NOT TO SCALE

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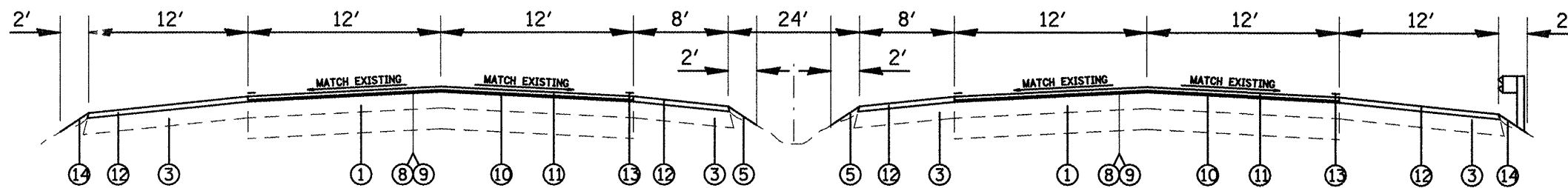
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PLOT DATE = 3/12/2010

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

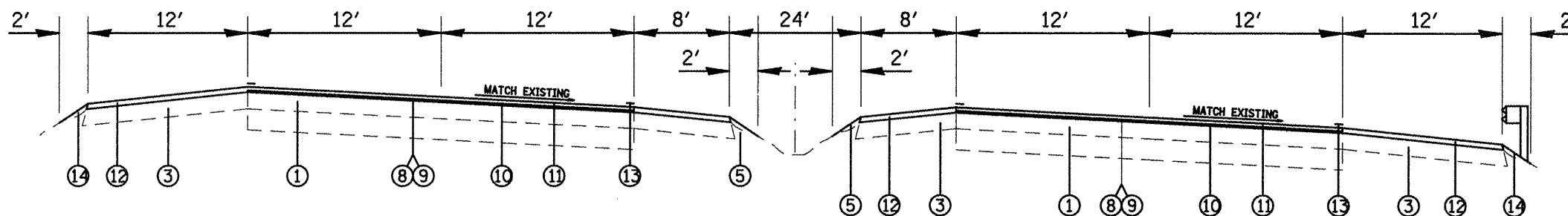
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (LOCATION #1 - SIUE NORTH ACCESS ROAD)
SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	5
CONTRACT NO. 76063				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



TYPICAL TANGENT SECTION
NORTH ACCESS ROAD
STA. 470+12.48 TO 540+50



TYPICAL SUPERELEVATED SECTION
NORTH ACCESS ROAD
STA. 470+12.48 TO 540+50

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

NOT TO SCALE

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c:\pwwork\pwwid\WATERSLE\d0175033\d8

USER NAME = watersle
6d83-ahh-plan.dgn
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 3/12/2018

DESIGNED -
DRAWN -
CHECKED -
DATE -

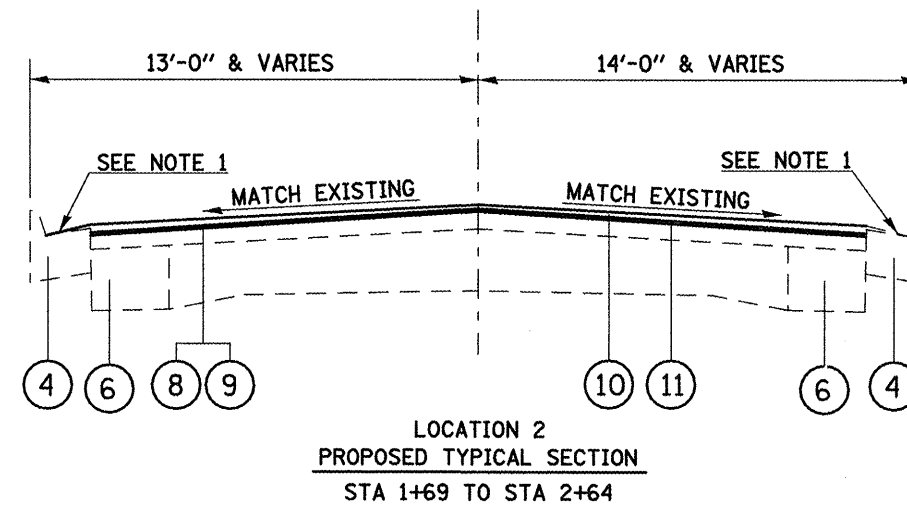
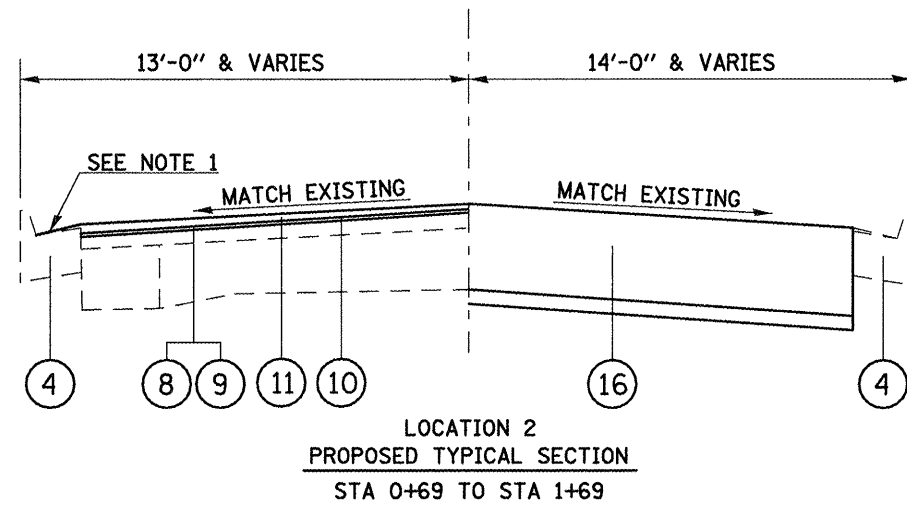
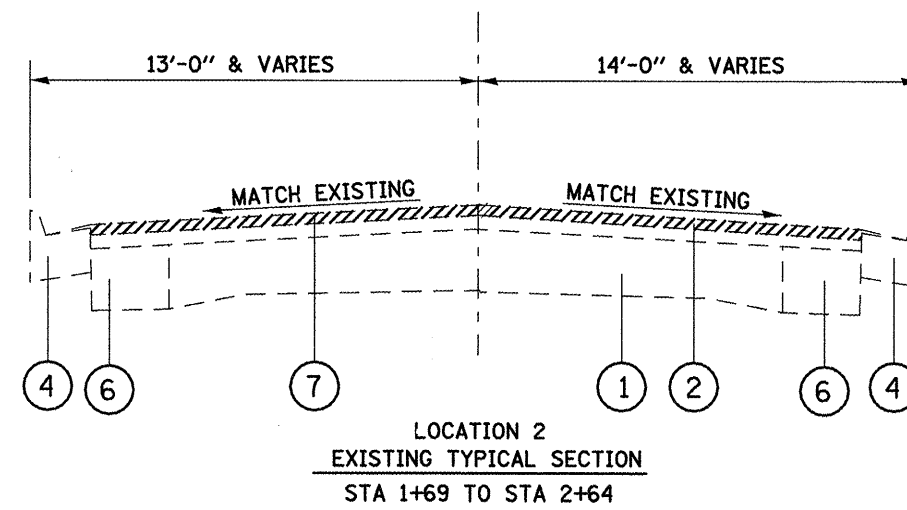
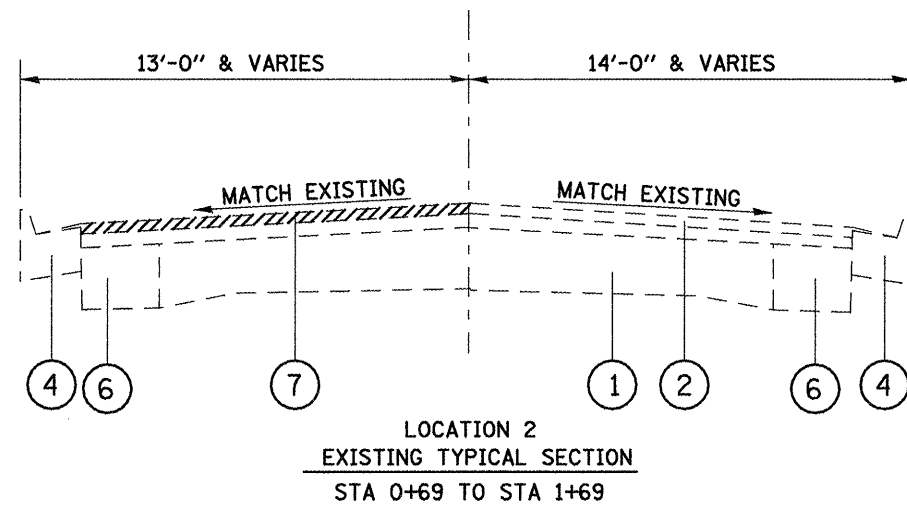
REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (LOCATION #1 - SIUE NORTH ACCESS ROAD)

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	6
CONTRACT NO. 76063				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



NOTE:

1. TAPER SURFACE COURSE TO FLOWLINE OF CONCRETE GUTTER
2. TAPER SURFACE COURSE TO FLAG OF CONCRETE GUTTER

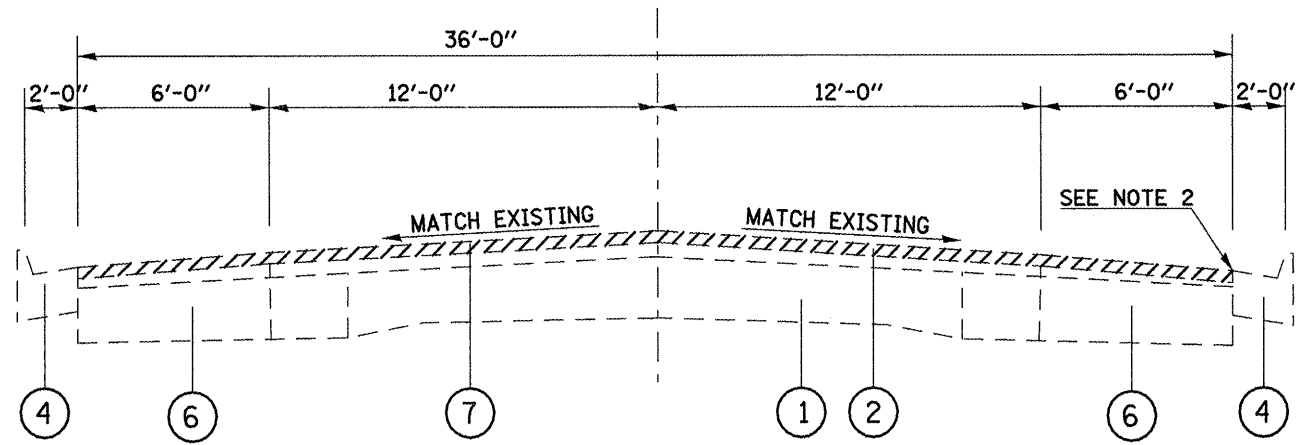
NOTE:

1. TAPER SURFACE COURSE TO FLOWLINE OF CONCRETE GUTTER
2. TAPER SURFACE COURSE TO FLAG OF CONCRETE GUTTER

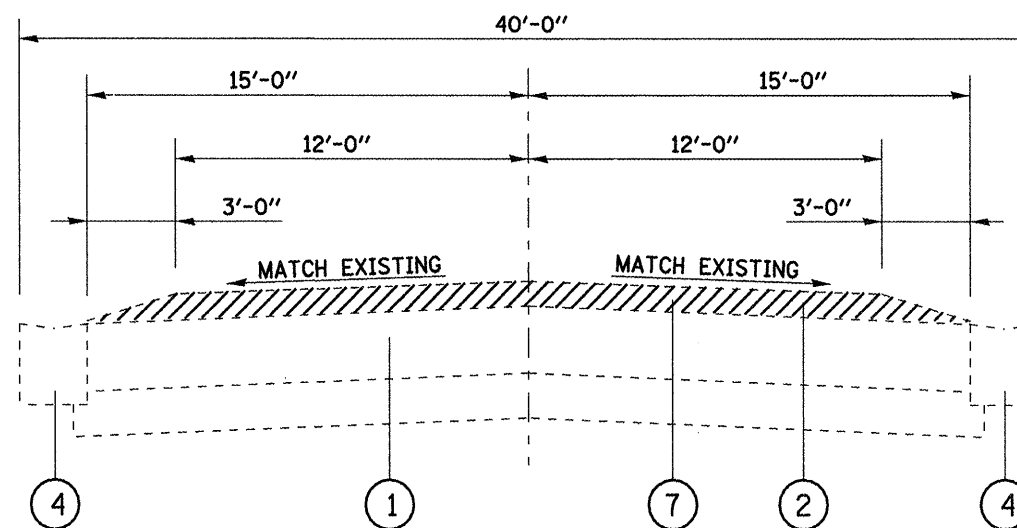
- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

NOT TO SCALE

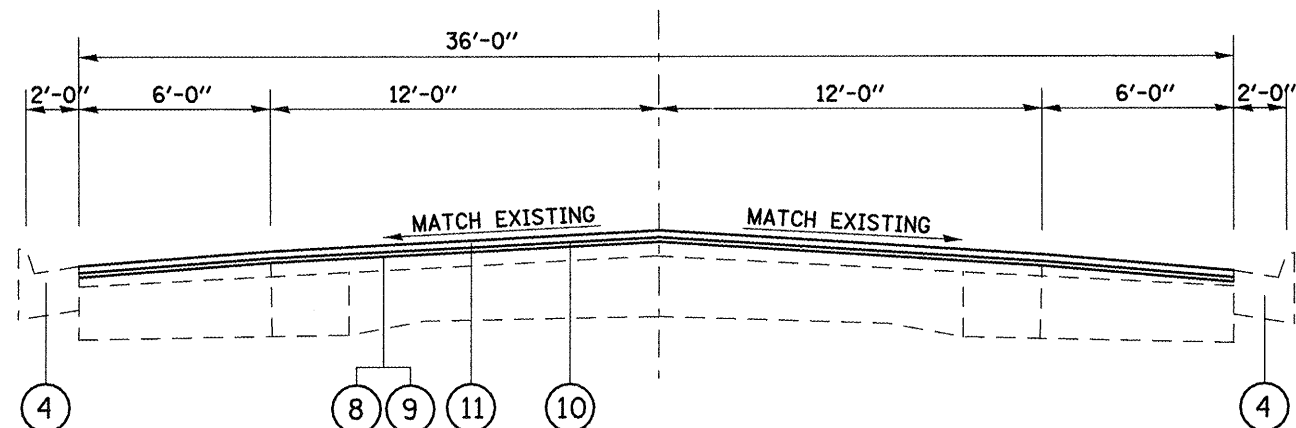
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6483-shr-plan.dgn	6483-shr-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	7	
PLOT SCALE = 100,0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 76063					
PLOT DATE = 3/12/2010		DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					



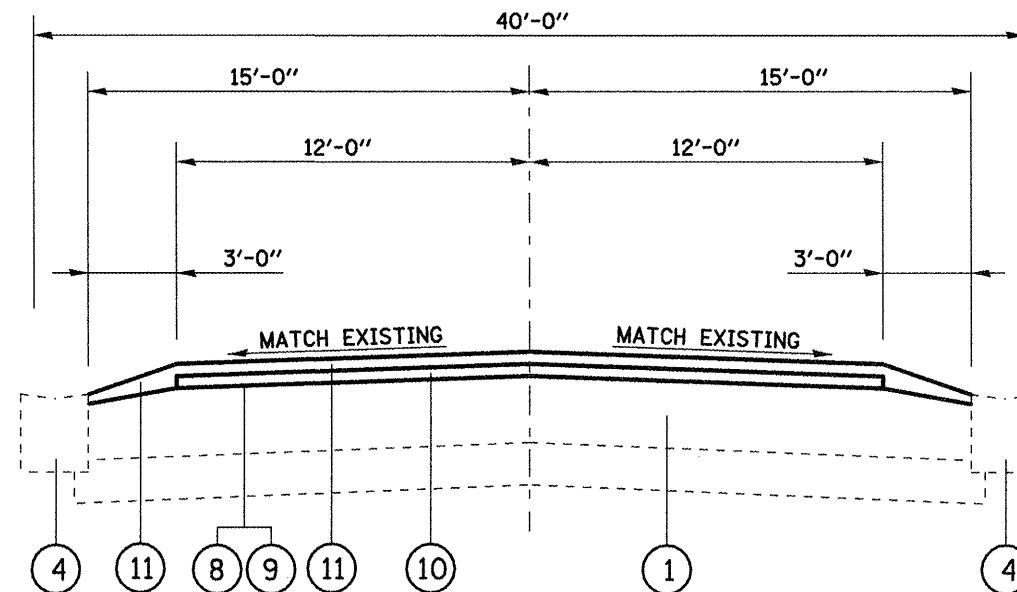
LOCATION 2
EXISTING TYPICAL SECTION
STA 2+64 TO STA 9+75



LOCATION 2
EXISTING TYPICAL SECTION
STA 10+25 TO STA 11+80



LOCATION 2
PROPOSED TYPICAL SECTION
STA 2+64 TO STA 9+75



LOCATION 2
PROPOSED TYPICAL SECTION
STA 10+25 TO STA 11+80

- | | | | |
|---|---|---|--|
| ① | EXISTING CONCRETE PAVEMENT | ⑨ | PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② | EXISTING HMA OVERLAY | ⑩ | PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ | EXISTING HMA SHOULDER | ⑪ | PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ | EXISTING CONCRETE CURB AND GUTTER | ⑫ | PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ | EXISTING AGGREGATE SHOULDER | ⑬ | PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ | EXISTING WIDENING | ⑭ | PROPOSED AGGREGATE SHOULDER |
| ⑦ | PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ | EXISTING CONCRETE MEDIAN |
| ⑧ | PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ | PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

NOT TO SCALE

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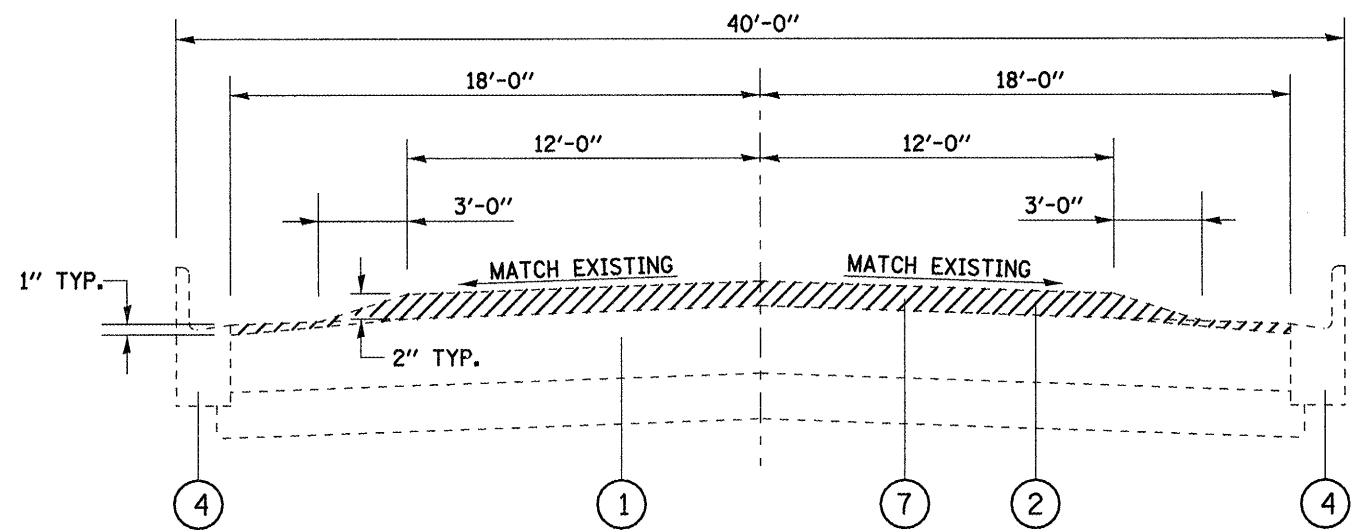
USER NAME = waterle
6d83-sht-plan.dgn
PLOT SCALE = 1/8" = 1'-0"
PLOT DATE = 3/12/2010

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

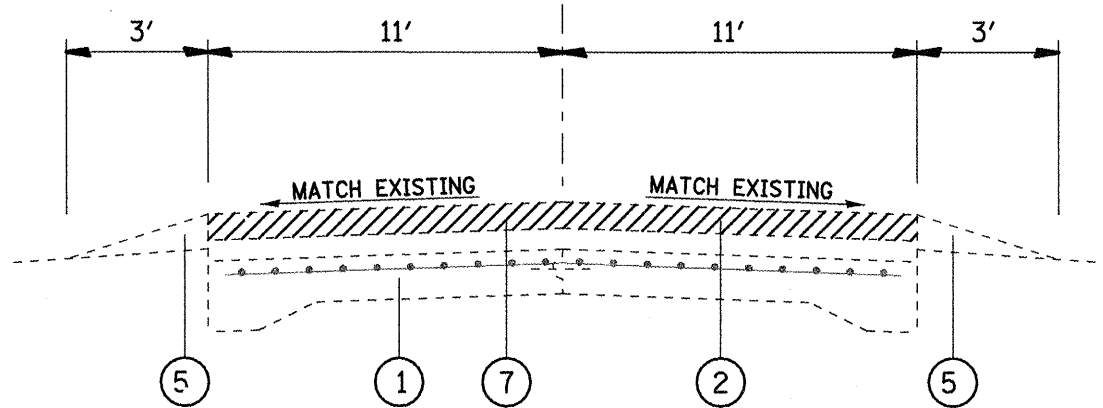
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (LOCATION #2 - HAWTHORNE /MADISON AVE.)
SCALE: _____ SHEET NO. 2 OF 13 SHEETS STA. _____ TO STA. _____

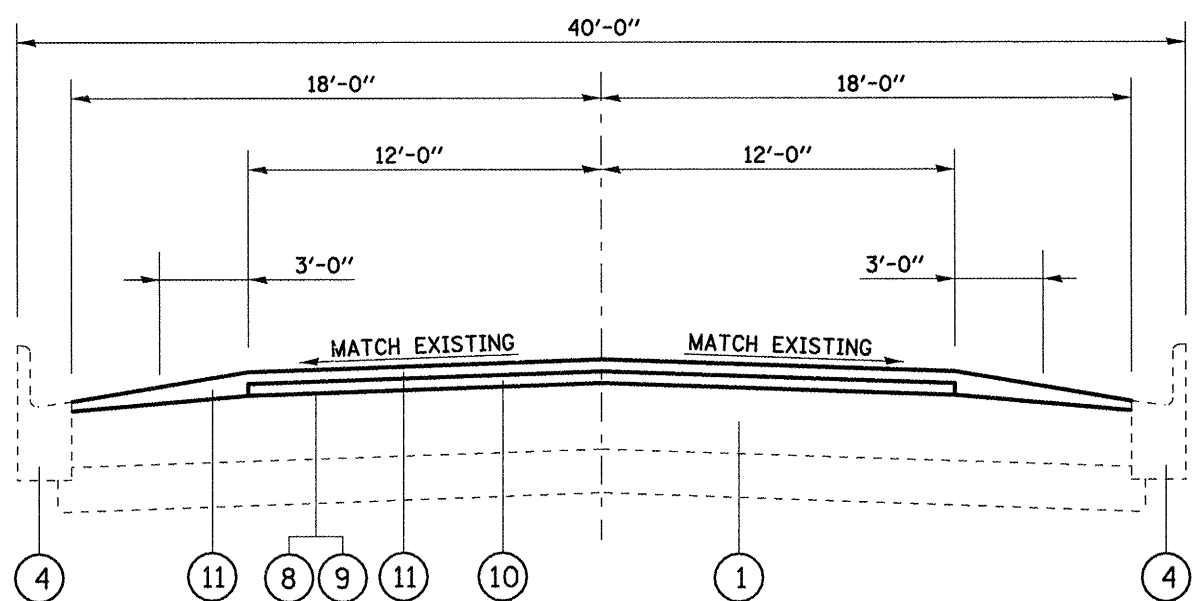
F.A. RTE. VAR.	SECTION DIST. 8 RESURF. 2010-5	COUNTY MADISON	TOTAL SHEETS 57	SHEET NO. 8
CONTRACT NO. 76D83 FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				



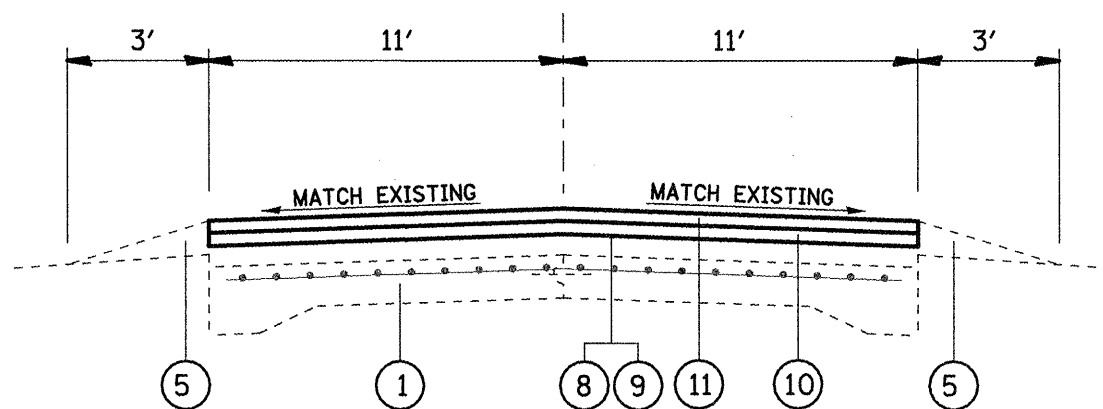
LOCATION 2
EXISTING TYPICAL SECTION
STA 11+86 TO STA 20+37



LOCATION 2
EXISTING TYPICAL SECTION
STA 20+37 TO STA 21+52
STA 21+62 TO STA 22+12
STA 22+22 TO STA 70+63
STA 70+73 TO STA 76+76



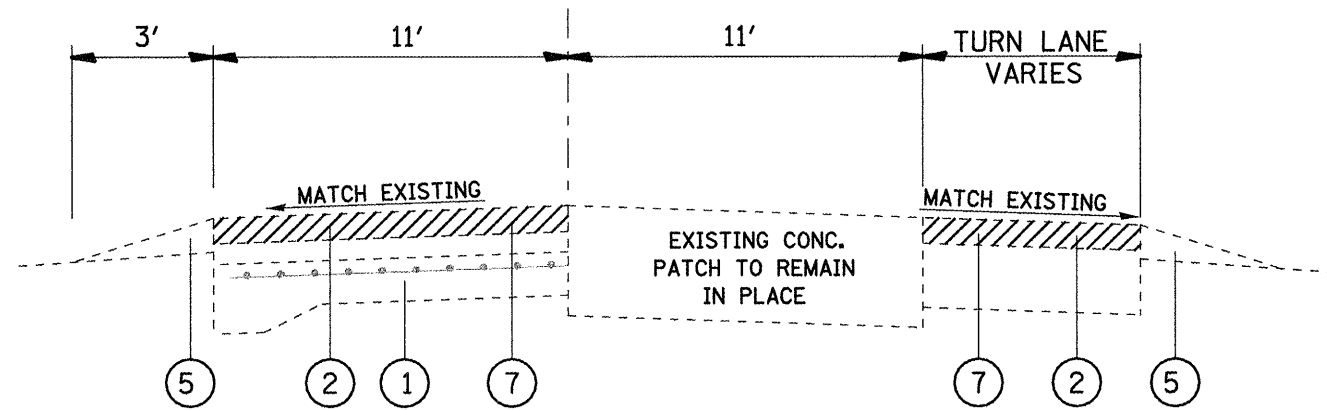
LOCATION 2
PROPOSED TYPICAL SECTION
STA 11+86 TO STA 20+37



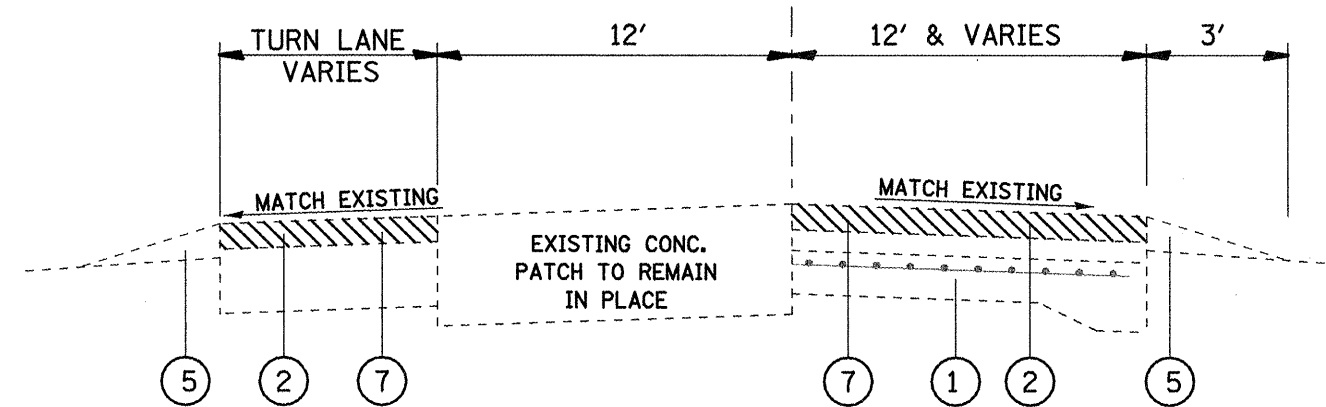
LOCATION 2
PROPOSED TYPICAL SECTION
STA 20+37 TO STA 21+52
STA 21+62 TO STA 22+12
STA 22+22 TO STA 70+63
STA 70+73 TO STA 76+76

- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING HMA SHOULDER
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING WIDENING
- ⑦ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT)
- ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4")
- ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2"
- ⑫ PROPOSED HMA SHOULDERS - 2 1/2"
- ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ⑭ PROPOSED AGGREGATE SHOULDER
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH

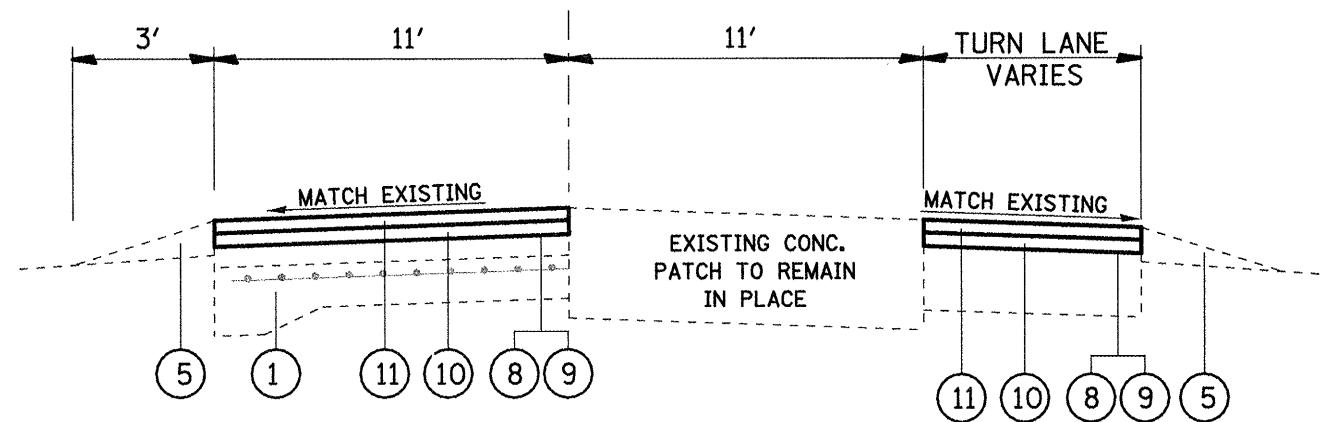
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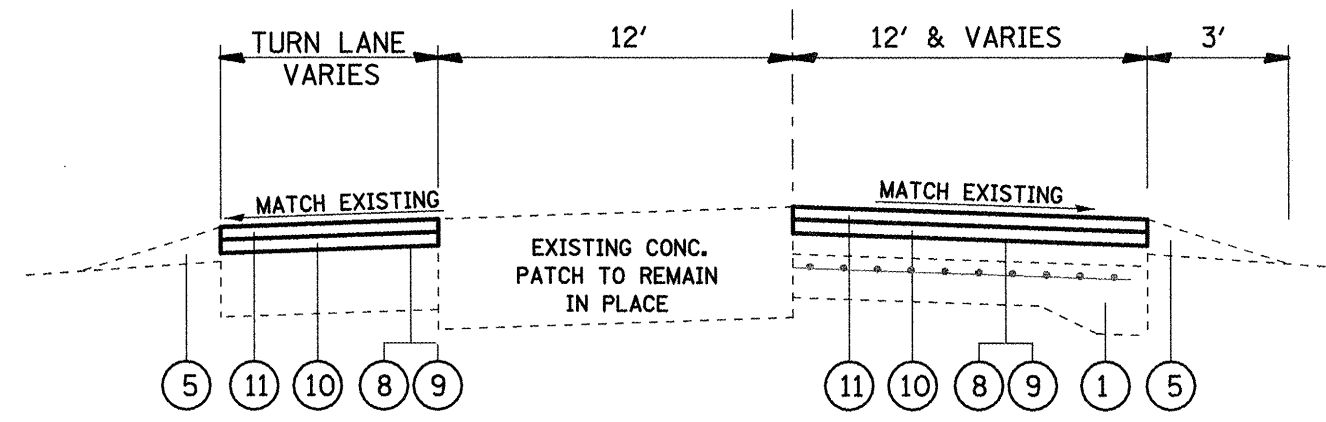
LOCATION 2
EXISTING TYPICAL SECTION
STA 76+76 TO STA 77+85



LOCATION 2
EXISTING TYPICAL SECTION
STA 78+85 TO STA 80+46



LOCATION 2
PROPOSED TYPICAL SECTION
STA 76+76 TO STA 77+85



LOCATION 2
PROPOSED TYPICAL SECTION
STA 78+85 TO STA 80+46

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

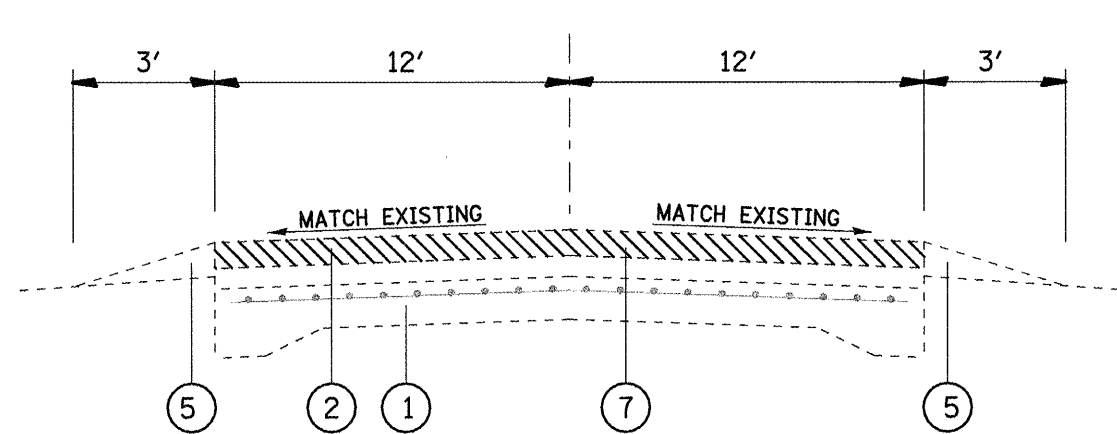
NOT TO SCALE

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	PLOT DATE = 3/12/2010	DATE -	REVISED -

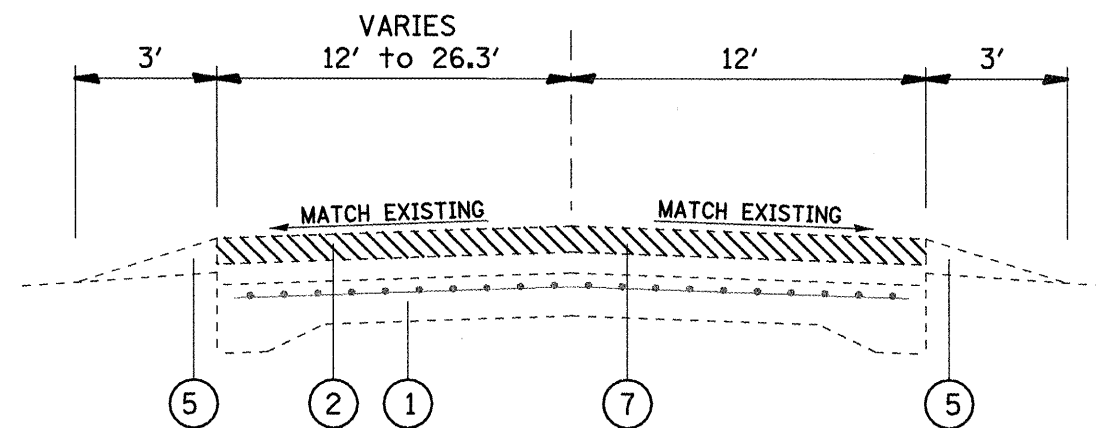
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (LOCATION #2 - HAWTHORNE / MADISON AVE.)	
SCALE: _____	SHEET NO. 4 OF 13 SHEETS
STA. _____	TO STA. _____

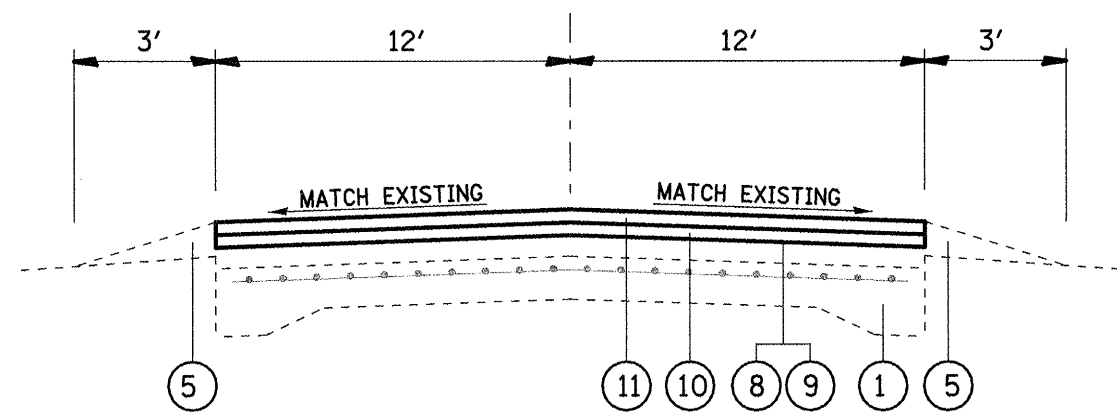
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	10
CONTRACT NO. 76063				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



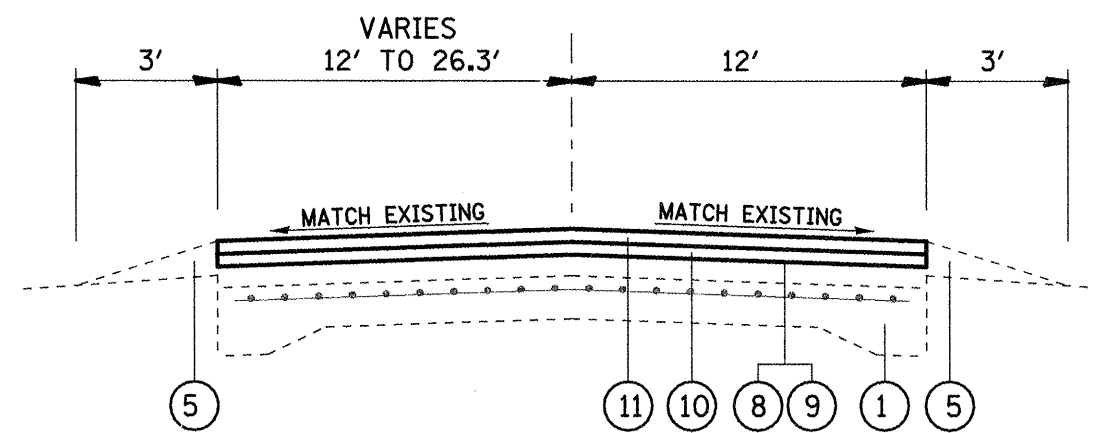
LOCATION 2
EXISTING TYPICAL SECTION
STA 80+46 TO STA 86+84
STA 86+94 TO STA 135+65



LOCATION 2
EXISTING TYPICAL SECTION
STA 135+65 TO STA 136+34



LOCATION 2
PROPOSED TYPICAL SECTION
STA 80+46 TO STA 86+84
STA 86+94 TO STA 135+65



LOCATION 2
PROPOSED TYPICAL SECTION
STA 135+65 TO STA 136+34

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

NOT TO SCALE

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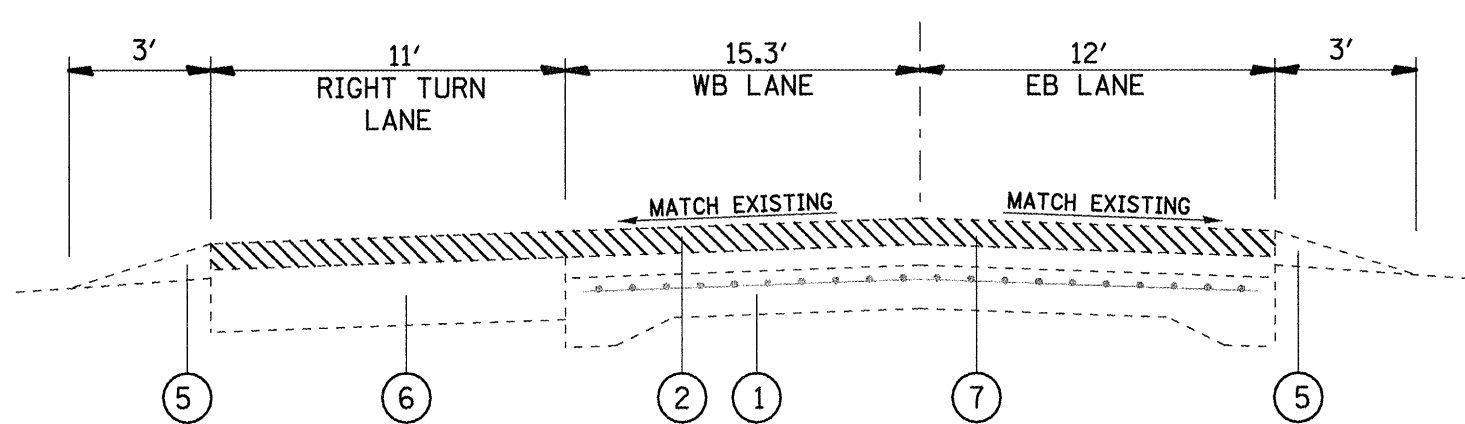
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PLOT DATE = 3/12/2010

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

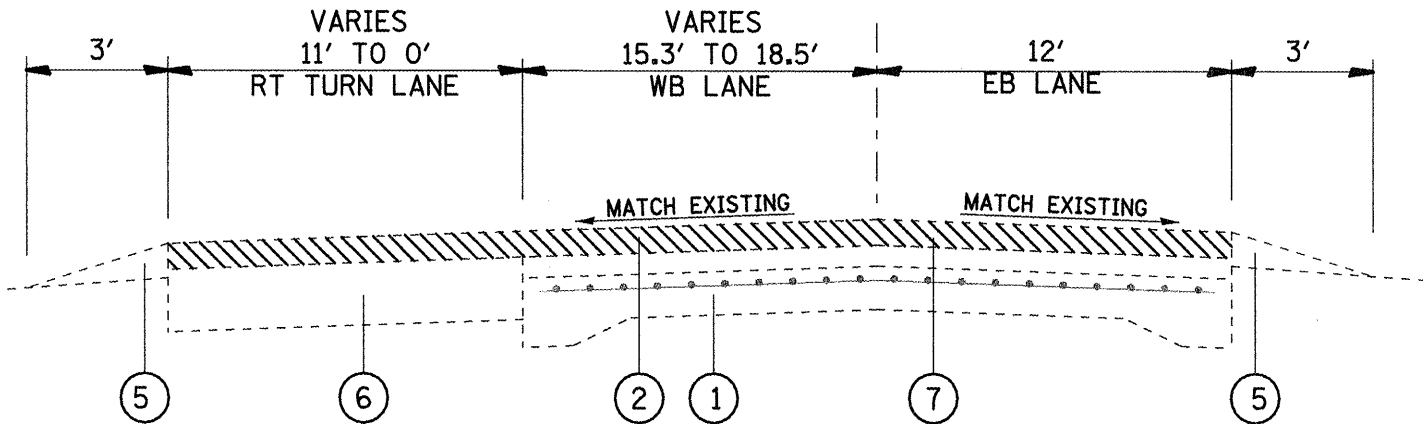
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (LOCATION #2 - HAWTHORNE /MADISON AVE.)
SCALE: _____ SHEET NO. 5 OF 13 SHEETS STA. _____ TO STA. _____

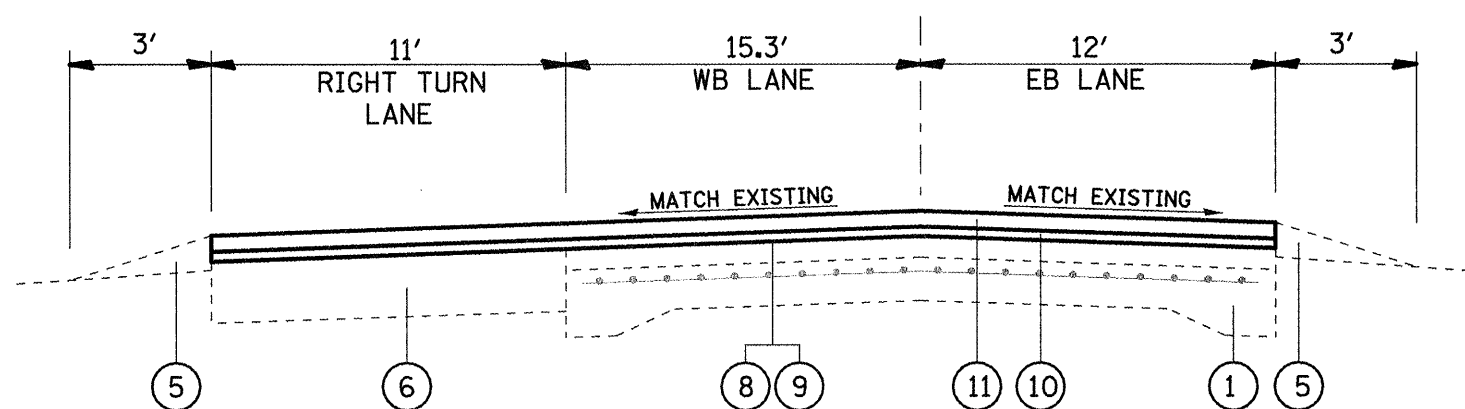
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	11
CONTRACT NO. 76083				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



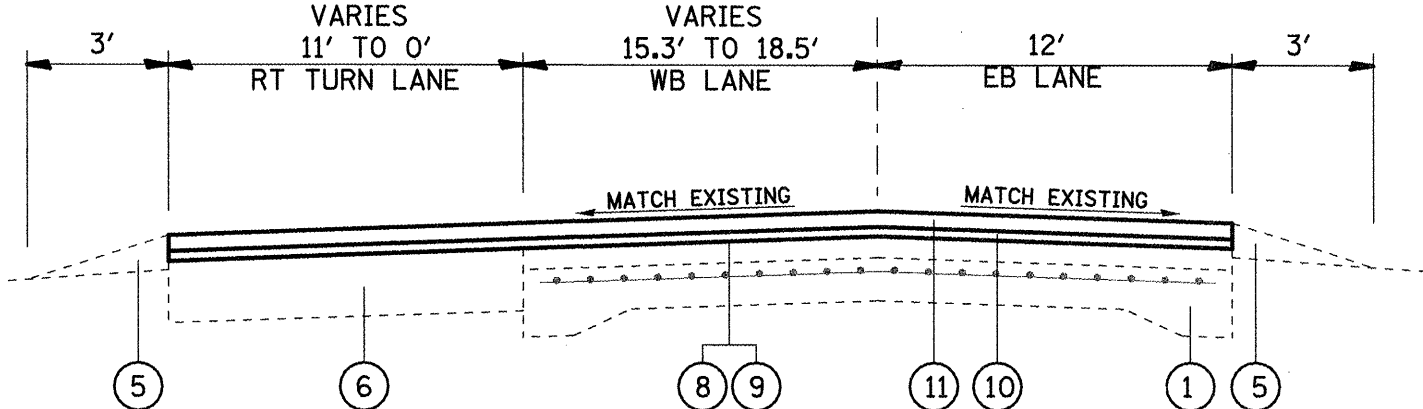
LOCATION 2
EXISTING TYPICAL SECTION
STA 136+34 TO STA 137+48



LOCATION 2
EXISTING TYPICAL SECTION
STA 137+48 TO STA 139+58



LOCATION 2
PROPOSED TYPICAL SECTION
STA 136+34 TO STA 137+48

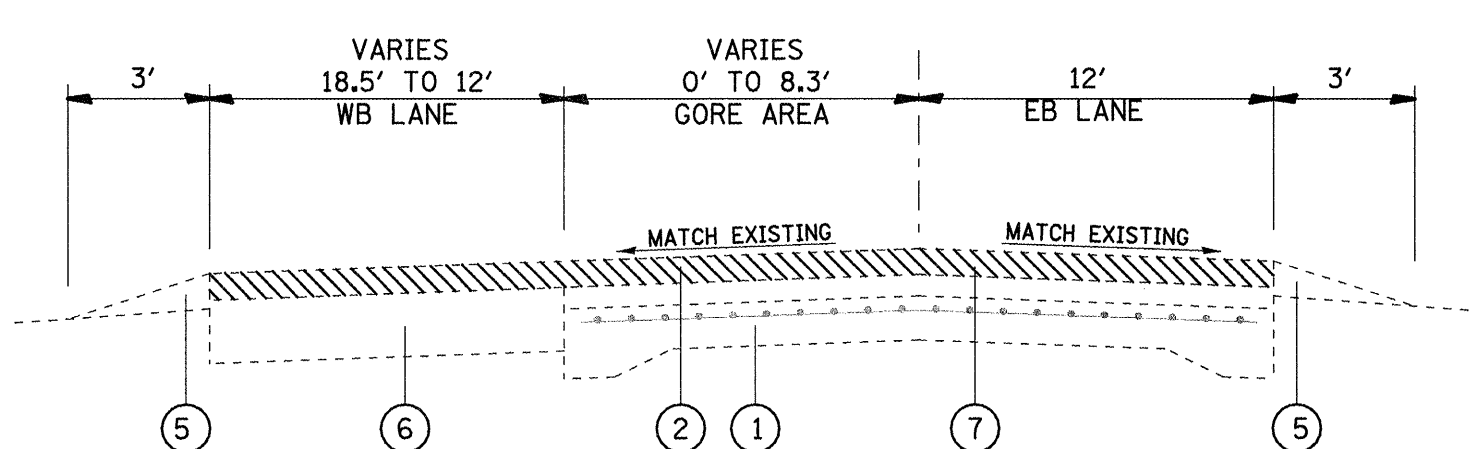


LOCATION 2
PROPOSED TYPICAL SECTION
STA 137+48 TO STA 139+58

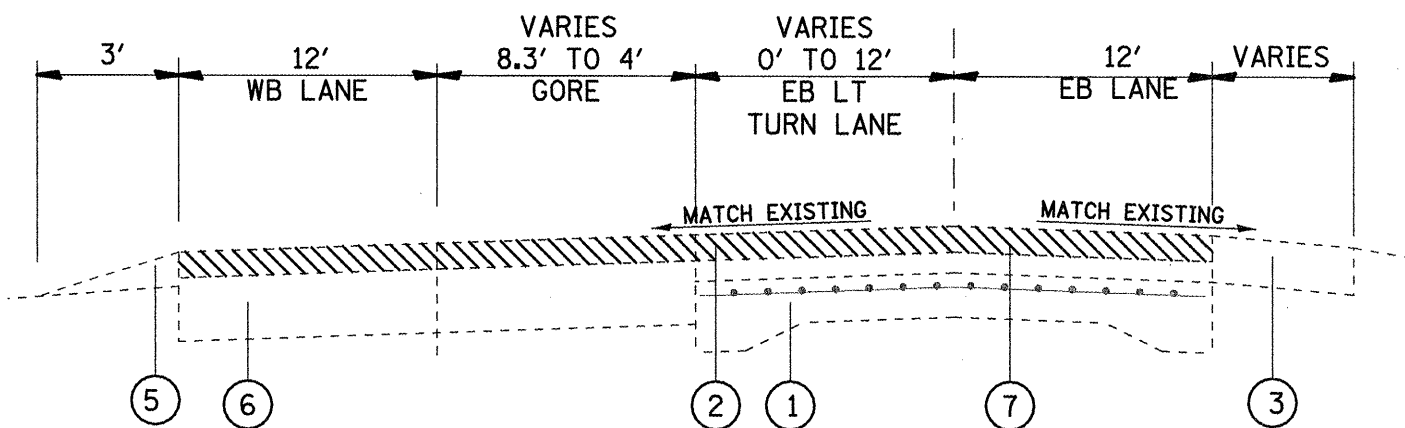
- ① EXISTING CONCRETE PAVEMENT
- ② EXISTING HMA OVERLAY
- ③ EXISTING HMA SHOULDER
- ④ EXISTING CONCRETE CURB AND GUTTER
- ⑤ EXISTING AGGREGATE SHOULDER
- ⑥ EXISTING WIDENING
- ⑦ PROPOSED HMA SURFACE REMOVAL - 2"
- ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT)
- ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4")
- ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2"
- ⑫ PROPOSED HMA SHOULDERS - 2 1/2"
- ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING
- ⑭ PROPOSED AGGREGATE SHOULDER
- ⑮ EXISTING CONCRETE MEDIAN
- ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH

NOT TO SCALE

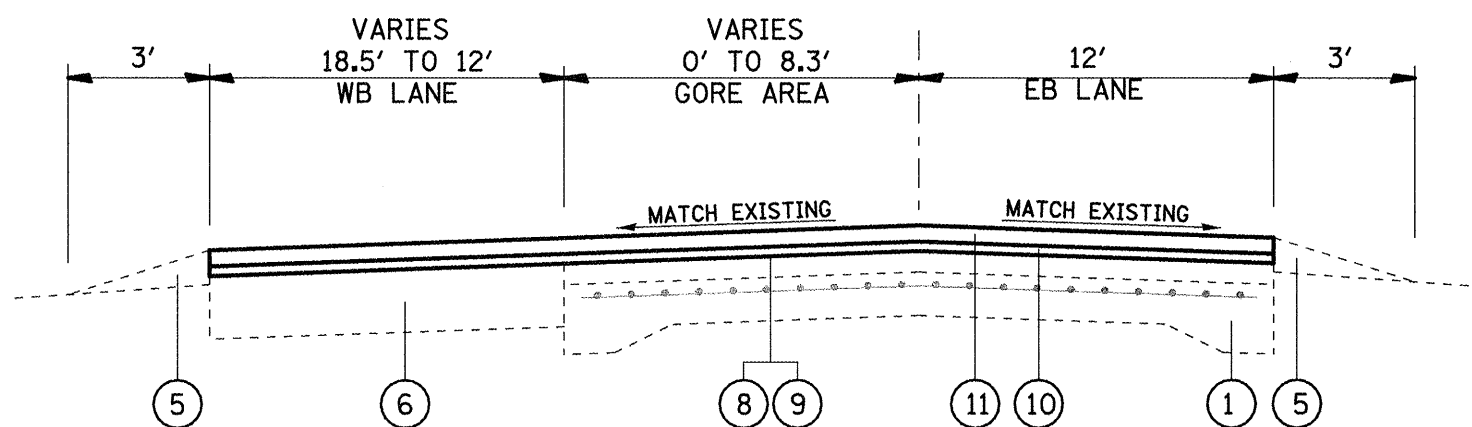
FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (LOCATION #2 - HAWTHORNE /MADISON AVE.)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 3/12/2018	DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					



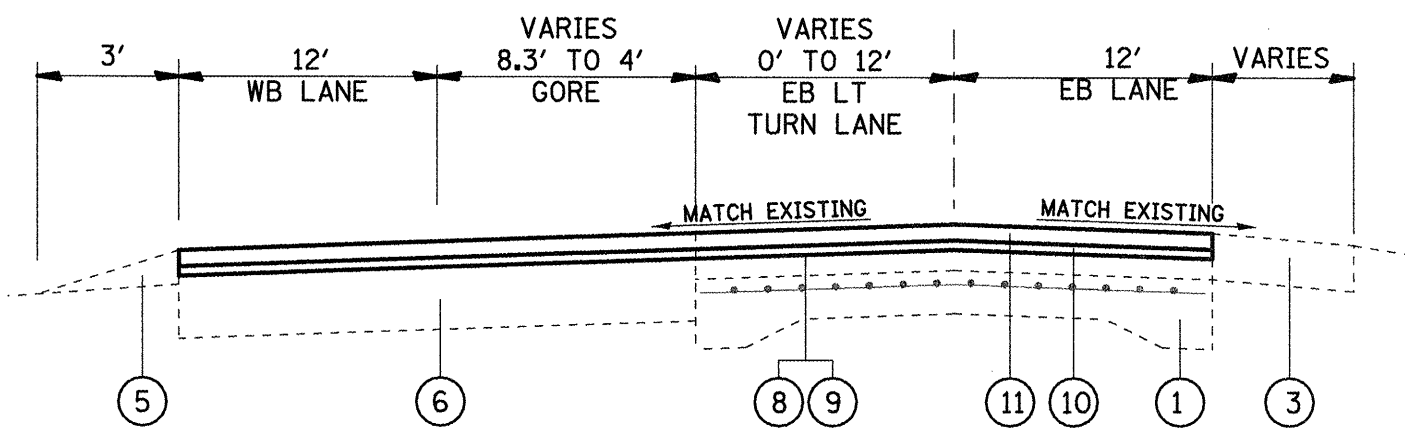
LOCATION 2
EXISTING TYPICAL SECTION
STA 139+58 TO STA 141+05



LOCATION 2
EXISTING TYPICAL SECTION
STA 141+05 TO STA 142+61



LOCATION 2
PROPOSED TYPICAL SECTION
STA 139+58 TO STA 141+05



LOCATION 2
PROPOSED TYPICAL SECTION
STA 141+05 TO STA 142+61

- | | | | |
|---|---|---|--|
| ① | EXISTING CONCRETE PAVEMENT | ⑨ | PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② | EXISTING HMA OVERLAY | ⑩ | PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ | EXISTING HMA SHOULDER | ⑪ | PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ | EXISTING CONCRETE CURB AND GUTTER | ⑫ | PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ | EXISTING AGGREGATE SHOULDER | ⑬ | PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ | EXISTING WIDENING | ⑭ | PROPOSED AGGREGATE SHOULDER |
| ⑦ | PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ | EXISTING CONCRETE MEDIAN |
| ⑧ | PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ | PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

NOT TO SCALE

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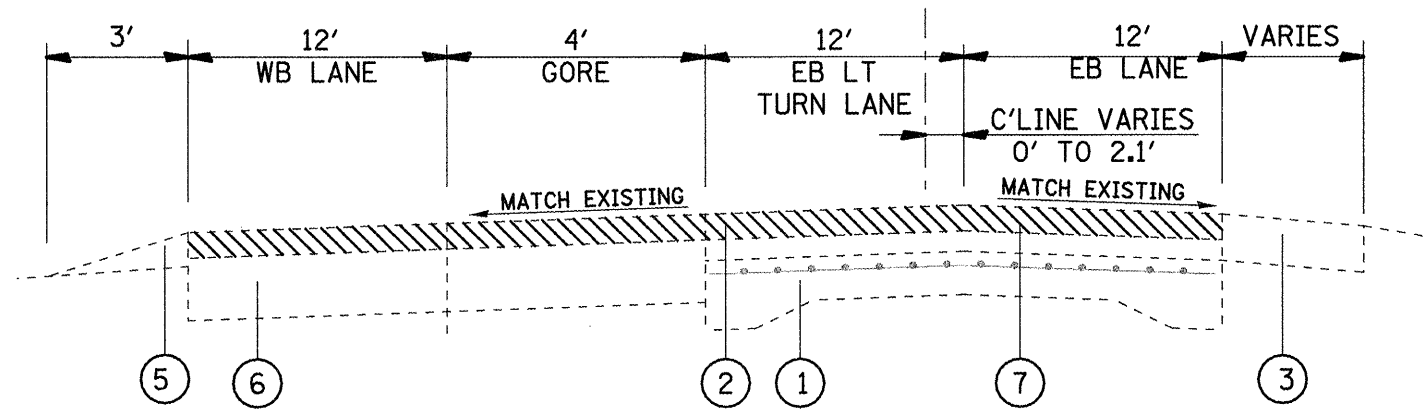
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PLOT SCALE = 100.0000 / IN.
PLOT DATE = 3/12/2010

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

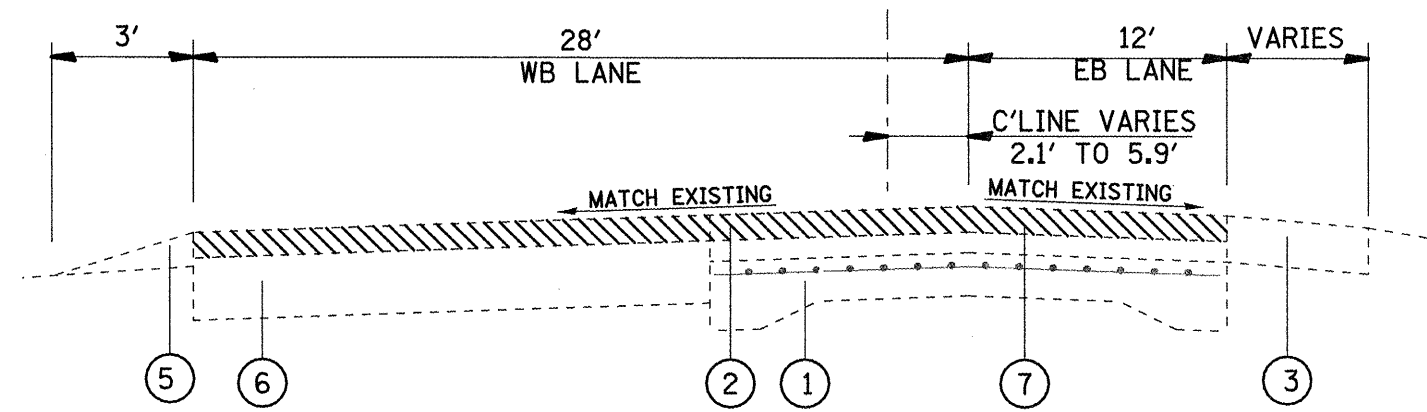
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS (LOCATION #2 - HAWTHORNE / MADISON AVE.)
SCALE: SHEET NO. 7 OF 13 SHEETS STA. TO STA.

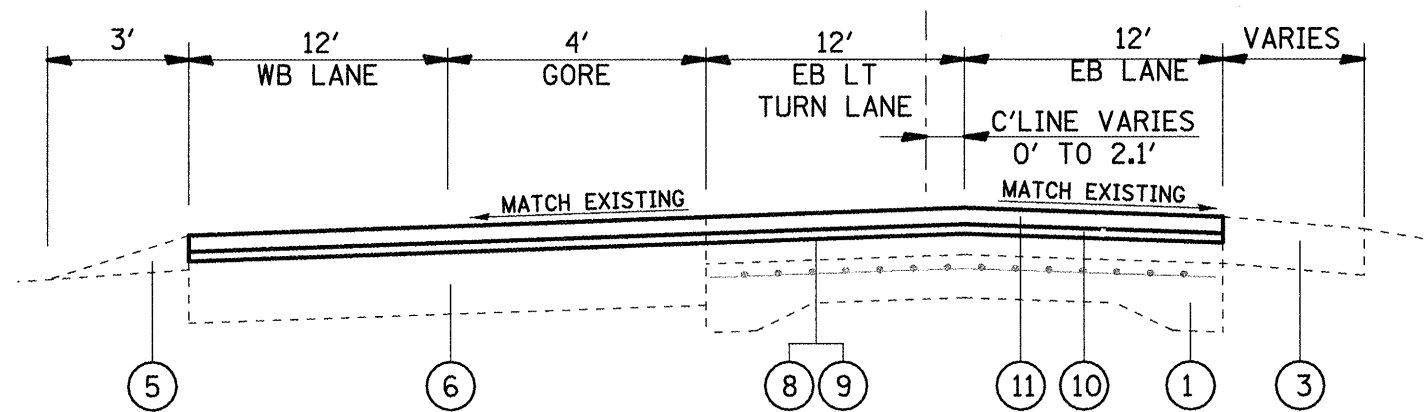
F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DIST. 8 RESURF. 2010-5	MADISON	57	13	
CONTRACT NO. 76083				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



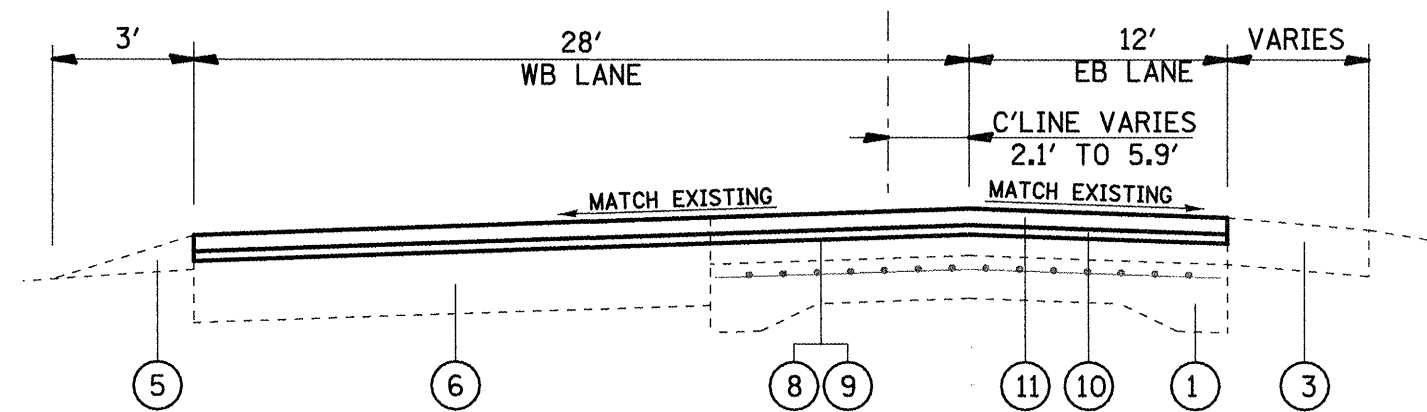
LOCATION 2
EXISTING TYPICAL SECTION
STA 142+61 TO STA 143+90



LOCATION 2
EXISTING TYPICAL SECTION
STA 143+90 TO STA 145+05



LOCATION 2
PROPOSED TYPICAL SECTION
STA 142+61 TO STA 143+90



LOCATION 2
PROPOSED TYPICAL SECTION
STA 143+90 TO STA 145+05

- | | | | |
|---|---|---|--|
| ① | EXISTING CONCRETE PAVEMENT | ⑨ | PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② | EXISTING HMA OVERLAY | ⑩ | PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ | EXISTING HMA SHOULDER | ⑪ | PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1/2" |
| ④ | EXISTING CONCRETE CURB AND GUTTER | ⑫ | PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ | EXISTING AGGREGATE SHOULDER | ⑬ | PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ | EXISTING WIDENING | ⑭ | PROPOSED AGGREGATE SHOULDER |
| ⑦ | PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ | EXISTING CONCRETE MEDIAN |
| ⑧ | PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ | PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

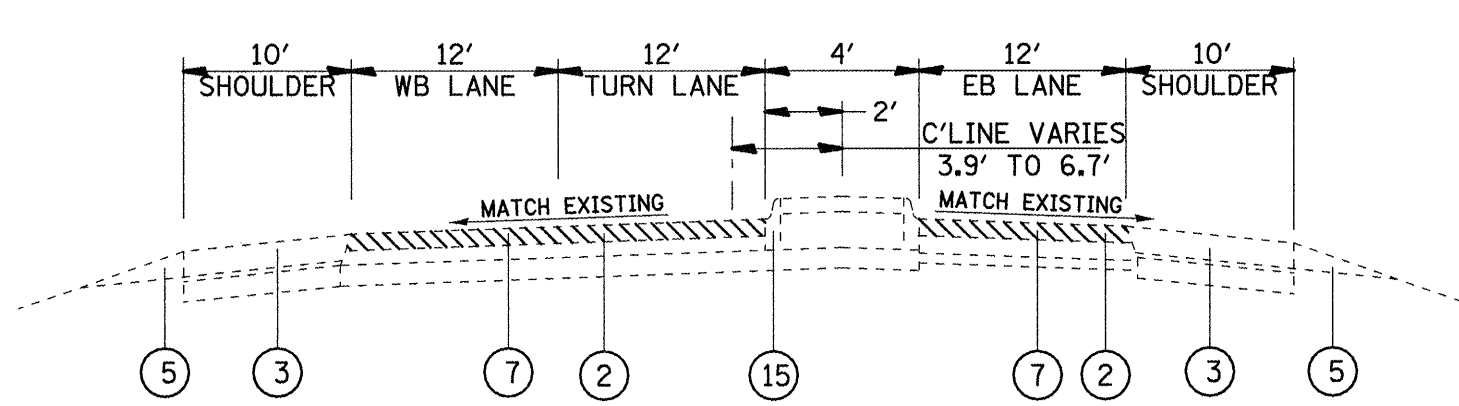
NOT TO SCALE

FILE NAME =	USER NAME = waterle	DESIGNED -	REVISED -
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	PLOT DATE = 3/12/2010	DATE -	REVISED -

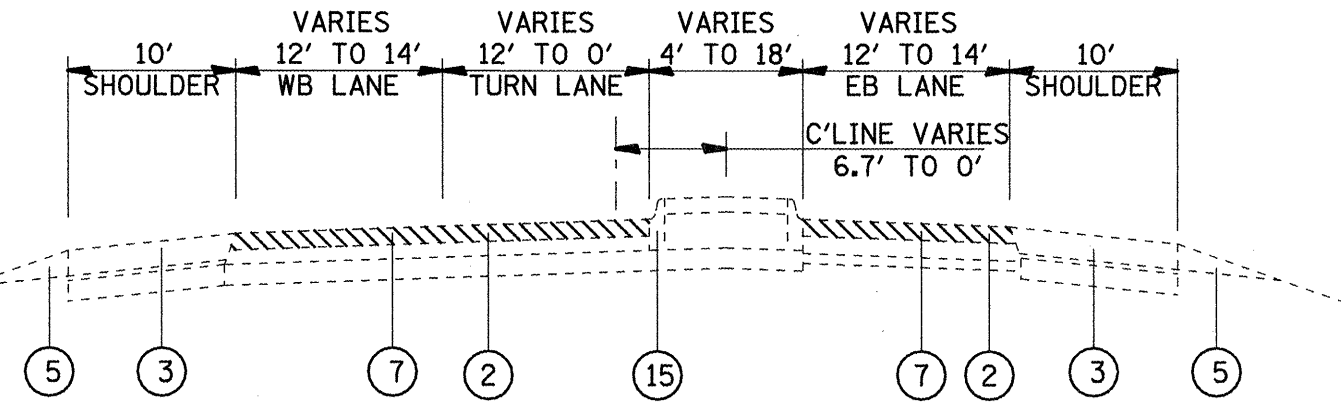
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS (LOCATION #2 - HAWTHORNE /MADISON AVE.)	
SCALE: _____	SHEET NO. 8 OF 13 SHEETS
STA. _____	TO STA. _____

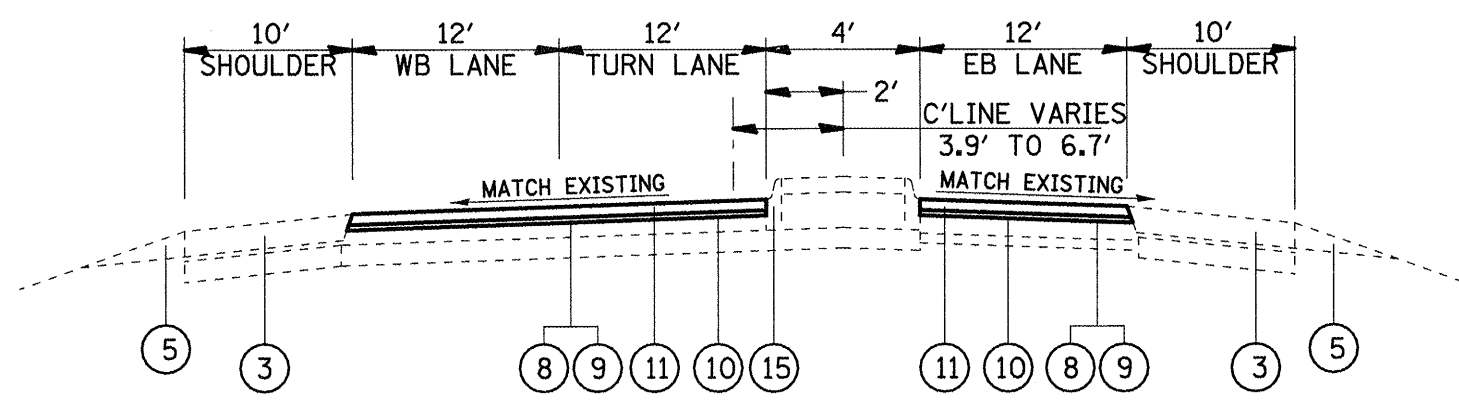
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. DIST. 8 RESURF. 2010-5		MADISON	57	14
CONTRACT NO. 76D63				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



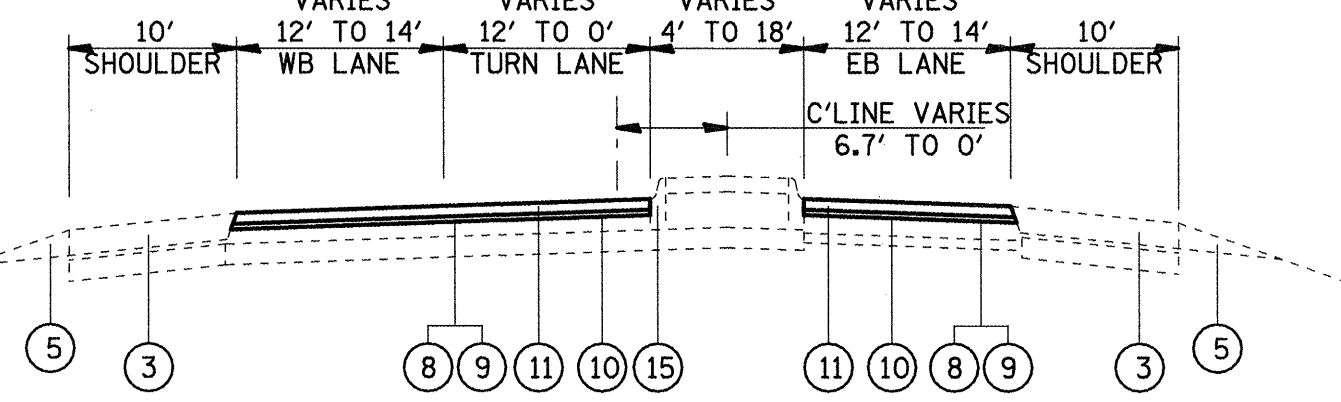
LOCATION 2
EXISTING TYPICAL SECTION
STA 145+05 TO STA 146+60



LOCATION 2
EXISTING TYPICAL SECTION
STA 146+60 TO STA 148+68



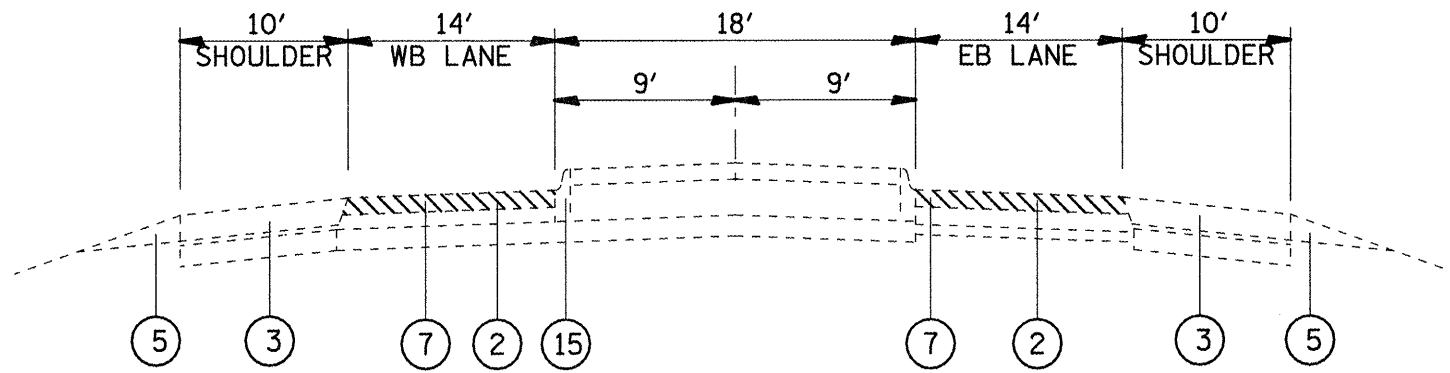
LOCATION 2
PROPOSED TYPICAL SECTION
STA 145+05 TO STA 146+60



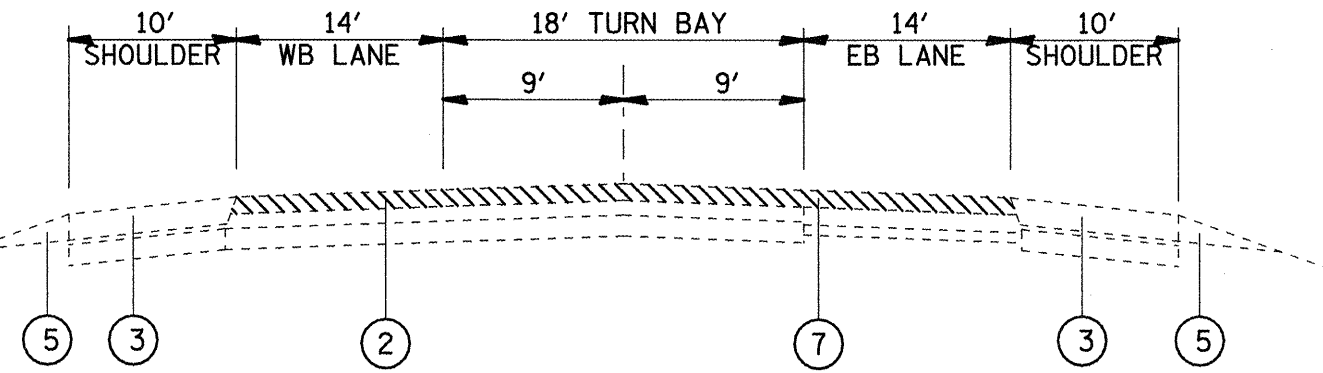
LOCATION 2
PROPOSED TYPICAL SECTION
STA 146+60 TO STA 148+68

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

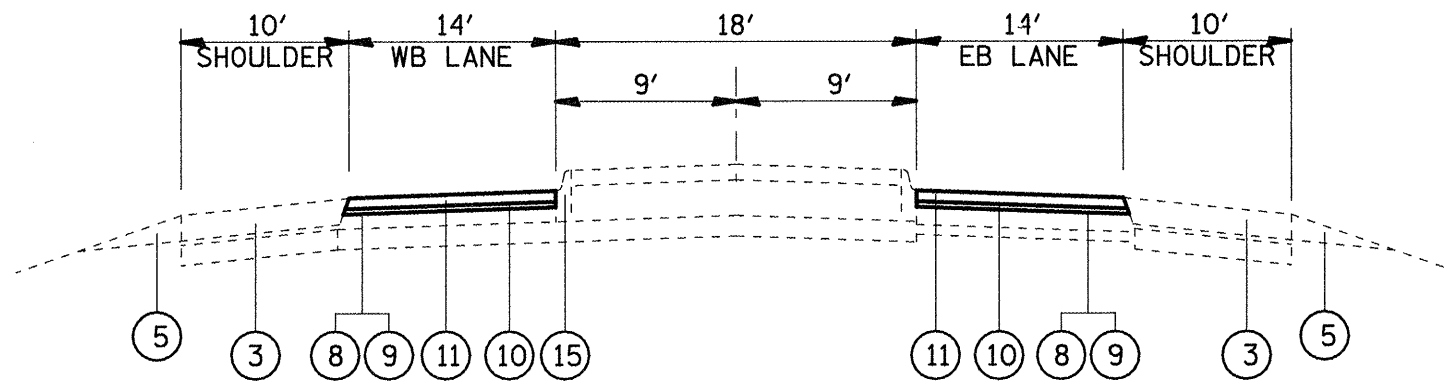
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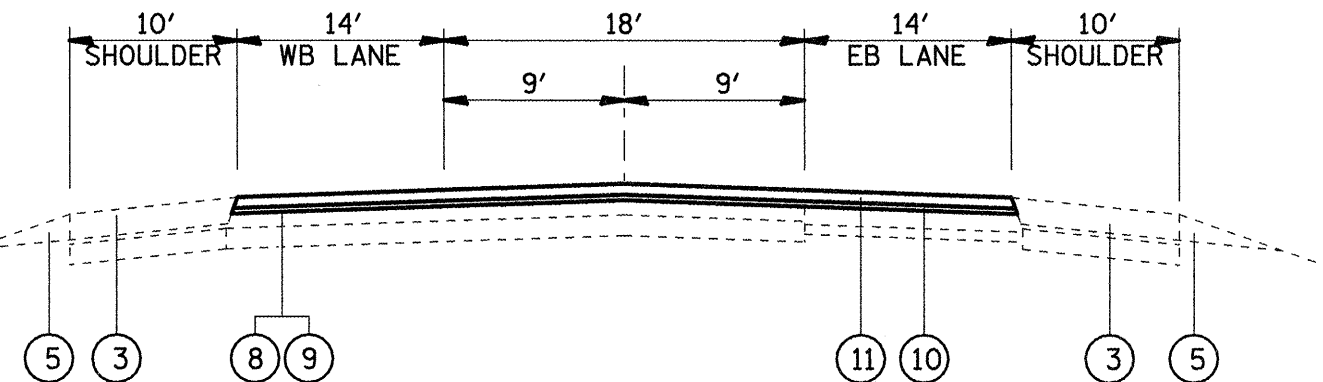
LOCATION 2
EXISTING TYPICAL SECTION
STA 148+68 TO STA 150+52
STA 155+49 TO STA 163+66
STA 176+22 TO STA 177+47



LOCATION 2
EXISTING TYPICAL SECTION
STA 150+52 TO STA 151+01
STA 163+66 TO STA 164+08
STA 170+38 TO STA 171+57



LOCATION 2
PROPOSED TYPICAL SECTION
STA 148+68 TO STA 150+52
STA 155+49 TO STA 163+66
STA 176+22 TO STA 177+47



LOCATION 2
PROPOSED TYPICAL SECTION
STA 150+52 TO STA 151+01
STA 163+66 TO STA 164+08
STA 170+38 TO STA 171+57

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

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DATE -

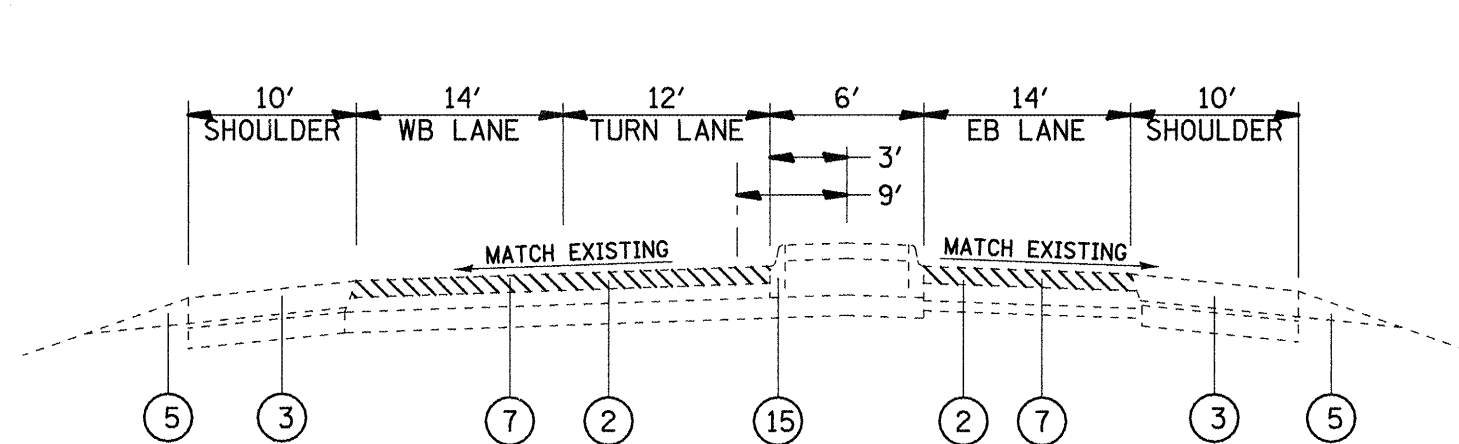
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REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

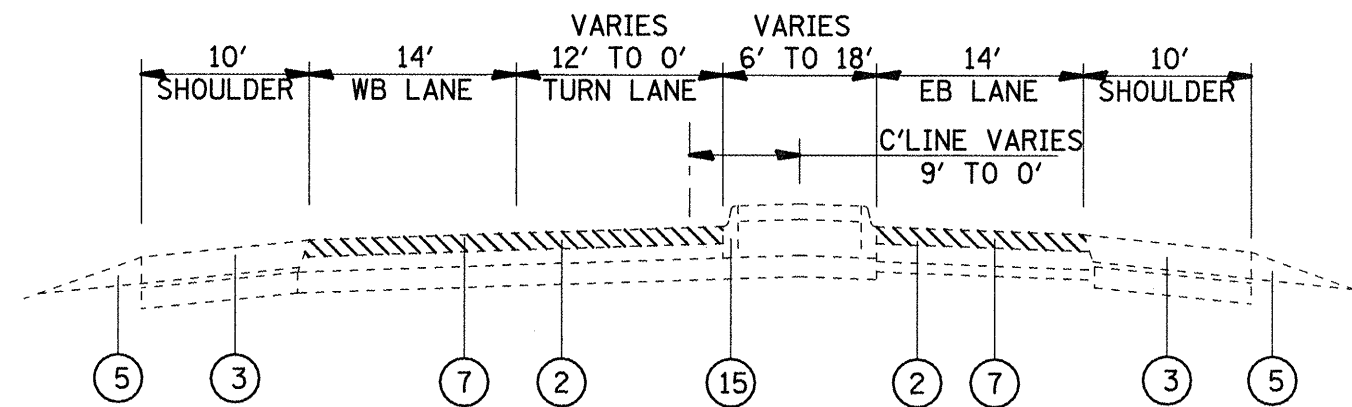
TYPICAL SECTIONS (LOCATION #2 - HAWTHORNE /MADISON AVE.)

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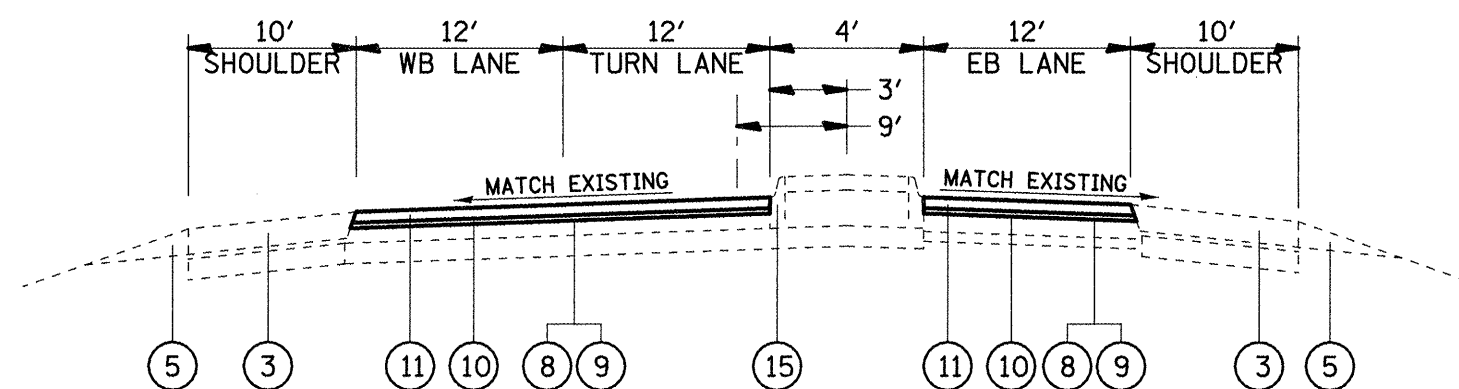
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	16
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D83	



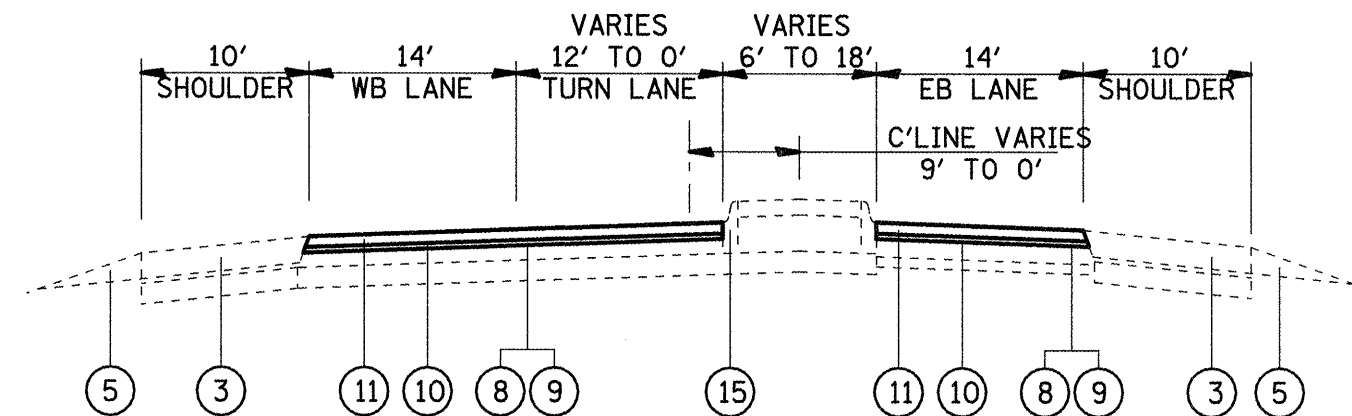
LOCATION 2
EXISTING TYPICAL SECTION
STA 151+01 TO STA 153+19
STA 164+08 TO STA 166+15
STA 171+57 TO 173+70



LOCATION 2
EXISTING TYPICAL SECTION
STA 153+19 TO STA 155+49
STA 173+70 TO STA 176+22



LOCATION 2
PROPOSED TYPICAL SECTION
STA 151+01 TO STA 153+19
STA 164+08 TO STA 166+15
STA 171+57 TO 173+70



LOCATION 2
PROPOSED TYPICAL SECTION
STA 153+19 TO STA 155+49
STA 173+70 TO STA 176+22

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

NOT TO SCALE

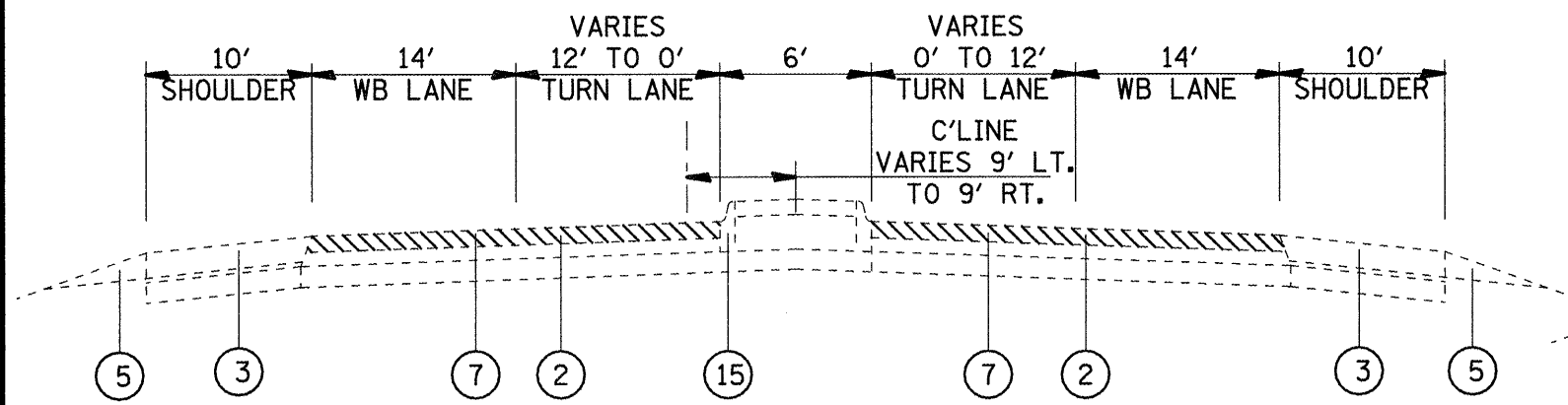
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	PLOT DATE = 3/12/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

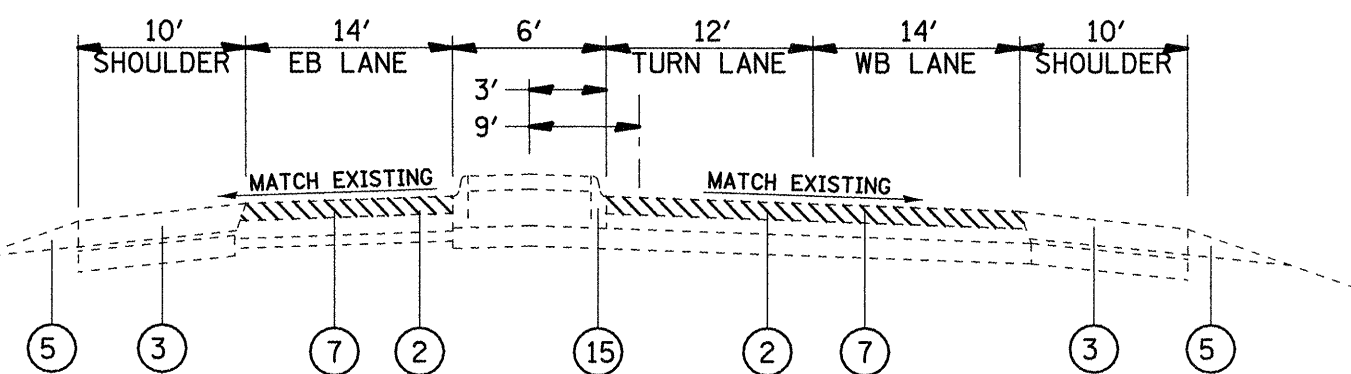
TYPICAL SECTIONS (LOCATION #2 - HAWTHORNE /MADISON AVE.)

SCALE: SHEET NO. 11 OF 13 SHEETS STA. TO STA.

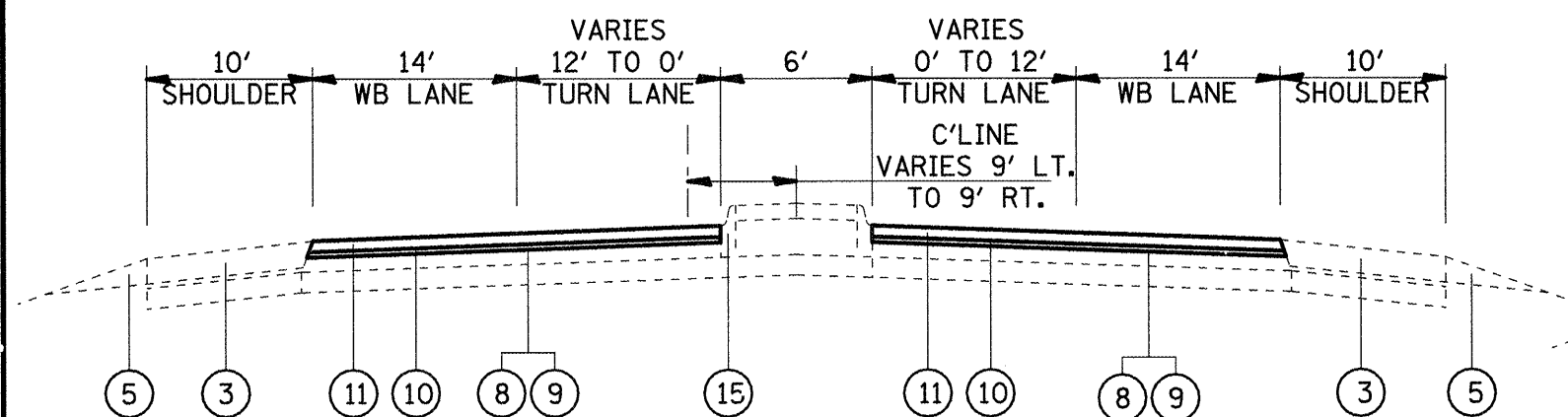
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	17
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 76083	



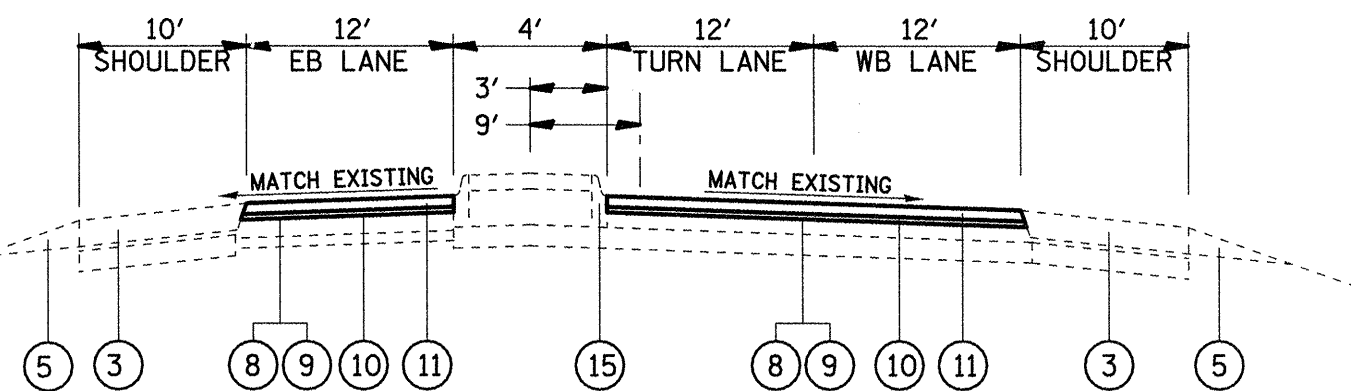
LOCATION 2
EXISTING TYPICAL SECTION
STA 166+15 TO STA 168+34



LOCATION 2
EXISTING TYPICAL SECTION
STA 168+34 TO STA 170+38



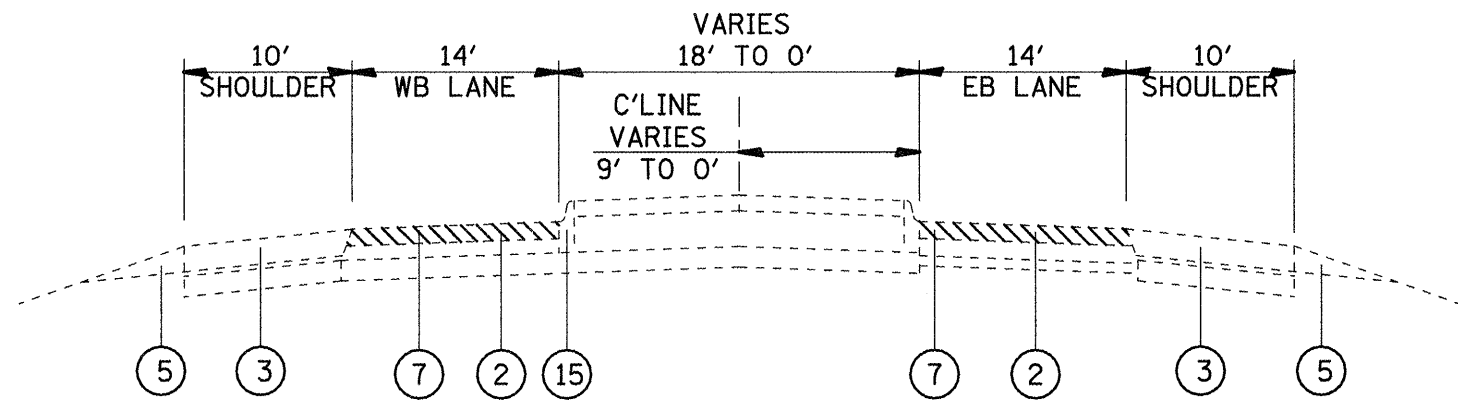
LOCATION 2
PROPOSED TYPICAL SECTION
STA 166+15 TO STA 168+34



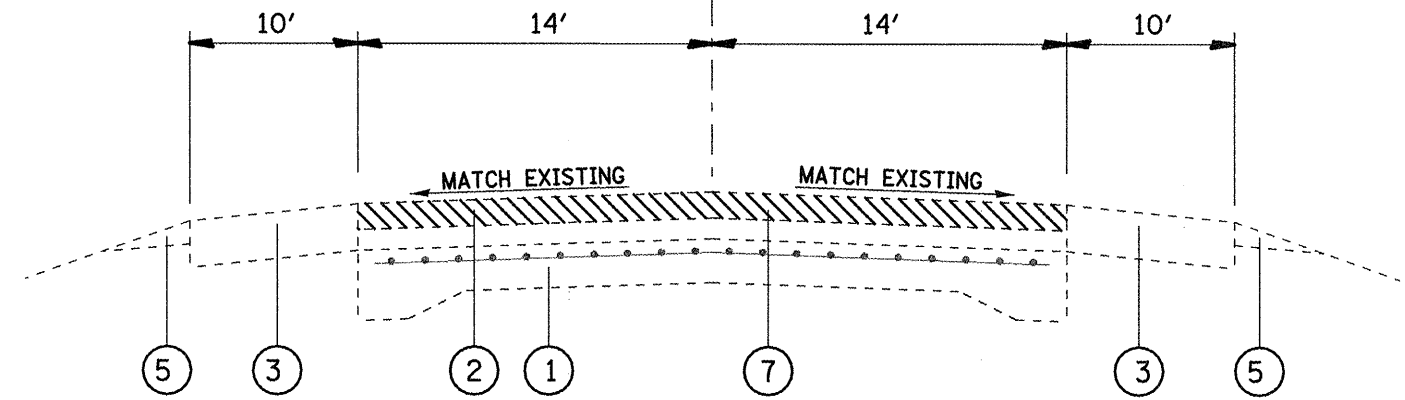
LOCATION 2
PROPOSED TYPICAL SECTION
STA 168+34 TO STA 170+38

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

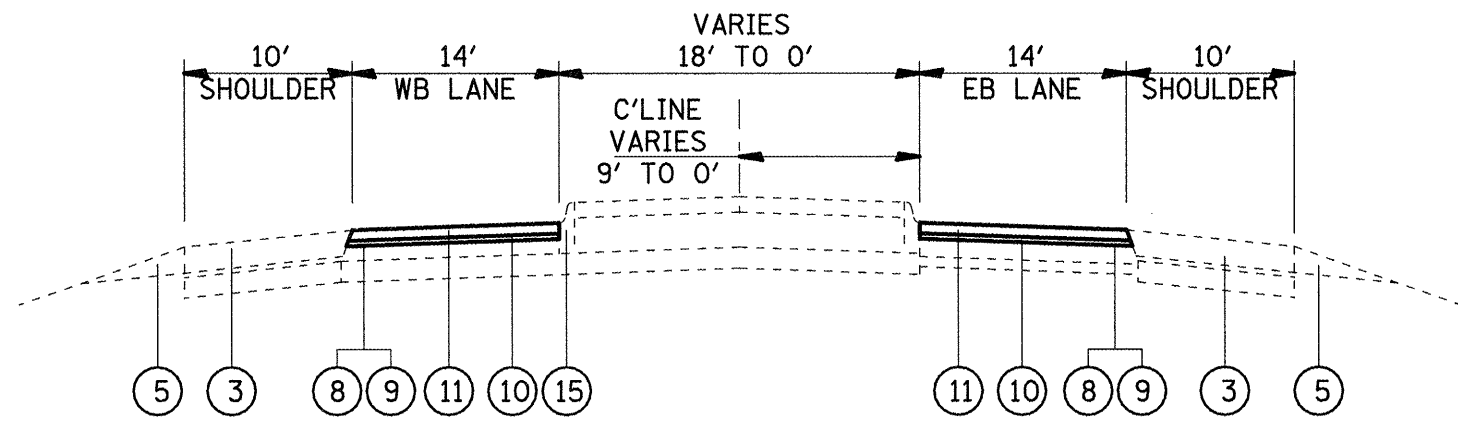
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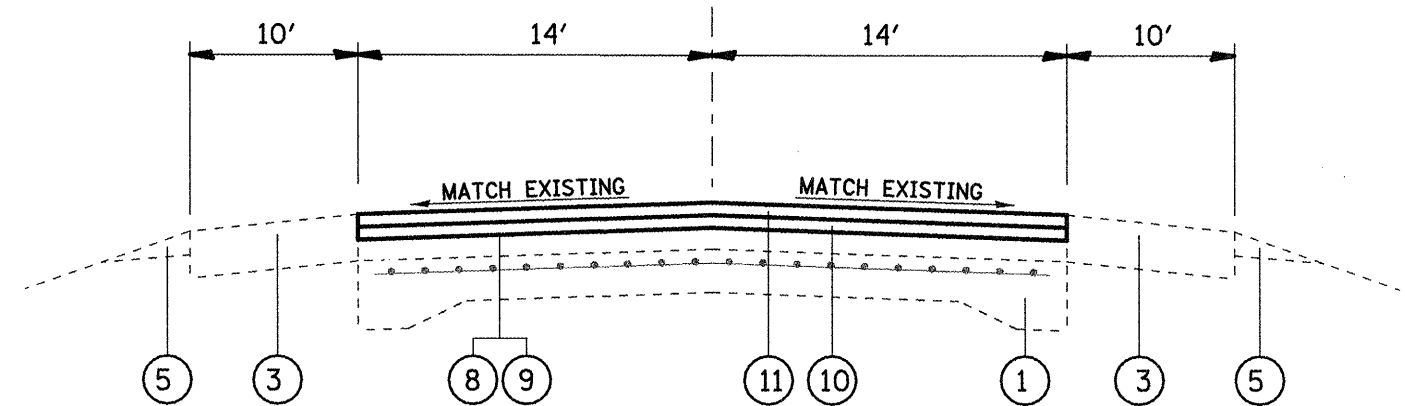
LOCATION 2
EXISTING TYPICAL SECTION
STA 177+47 TO STA 181+44



LOCATION 2
EXISTING TYPICAL SECTION
STA 181+44 TO STA 184+27



LOCATION 2
PROPOSED TYPICAL SECTION
STA 177+47 TO STA 181+44



LOCATION 2
PROPOSED TYPICAL SECTION
STA 181+44 TO STA 184+27

- | | |
|---|--|
| ① EXISTING CONCRETE PAVEMENT | ⑨ PROPOSED AGGREGATE MATERIAL (PRIME COAT) |
| ② EXISTING HMA OVERLAY | ⑩ PROPOSED LEVELING BINDER (MM), N90 - (LOC. #1 - 1" & LOC. #2 - 3/4") |
| ③ EXISTING HMA SHOULDER | ⑪ PROPOSED HMA SURFACE COURSE, MIX D, N90 - 1 1/2" |
| ④ EXISTING CONCRETE CURB AND GUTTER | ⑫ PROPOSED HMA SHOULDERS - 2 1/2" |
| ⑤ EXISTING AGGREGATE SHOULDER | ⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING |
| ⑥ EXISTING WIDENING | ⑭ PROPOSED AGGREGATE SHOULDER |
| ⑦ PROPOSED HMA SURFACE REMOVAL - 2" | ⑮ EXISTING CONCRETE MEDIAN |
| ⑧ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) | ⑯ PROPOSED CLASS C CONCRETE PATCH, TYPE IV, 10 INCH |

NOT TO SCALE

RESURFACING SCHEDULE

LOCATION 1										
LOCATION	STA	TO	STA	HMA SURFACE COURSE	LEVELING BINDER	HMA SHOULDERS,	BITUMINOUS MATERIALS	AGGREGATE	AGGREGATE WEDGE SHOULDER,	INCIDENTAL HMA SURFACING
				MIX "D", N90	(MM), N90	2 1/2"	(PRIME COAT)	(PRIME COAT)	TYPE B	TON
				TON	TON	TON	TON	TON	TON	TON
SOUTHBOUND LANE	470+12	TO	485+80	234	156	288	1.5	7.3	102	
	485+80	TO	501+22	345	230	480	2.4	11.3	100	
	504+00	TO	523+32	433	288	601	3.0	14.2	125	
	524+85	TO	540+50	351	234	428	2.3	10.9	101	
SB TURN LANE	534+45	TO	538+57	32	22	51	0.2	1.1	13	
	538+57	TO	540+50	25	17	24	0.1	0.7	6	
NORTHBOUND LANE	540+50	TO	524+85	351	234	487	2.4	11.5	101	
	523+32	TO	504+00	433	288	601	3.0	14.2	125	
	501+22	TO	485+86	344	229	478	2.3	11.3	100	
	485+86	TO	470+12	235	157	287	1.5	7.3	102	
RAMP 1	166+73	TO	182+32	233	155	257	1.4	6.9	101	
	182+32	TO	185+96	46	31	48	0.3	1.3	24	
RAMP 2	267+42	TO	271+98	55	37	134	0.5	2.4	30	
	271+98	TO	285+29	199	133	75	0.9	4.4	86	
RAMP 3	370+12	TO	394+48	364	243	375	2.2	10.5	158	
RAMP 4	449+01	TO	470+12	315	210	329	1.9	9.2	137	
CROSSOVERS	499+65									75
	518+00									75
TOTAL				3995	2664	4943	25.9	124	1411	150

THERMOPLASTIC PAVEMENT MARKING

LOCATION 1								
LOCATION	STATION	TO	STATION	YELLOW 4"	WHITE 4"		WHITE 8"	
				MEDIAN LINE	EDGE LINE	SKIP DASH	EDGE LINE	
				FT	FT	FT	FT	
RAMP 1	166+73.00	TO	176+88.00	1015	1015			
	176+88.00	TO	183+22.00		634		634	
	183+22.00	TO	185+95.80		274	68		
RAMP 2	267+41.50	TO	271+62.50		421	105		
	271+62.50	TO	275+96.00		434		434	
	275+96.00	TO	285+29.00	933	933			
RAMP 3	370+12.48	TO	394+48.00	2436	2436			
RAMP 4	470+12.48	TO	449+01.00	2111	2111			
SB LEFT TURN LANE	534+45.00	TO	538+06.60	362				
	538+06.60	TO	540+25.00	218			218	
	540+25.00	TO	540+50.00	25	25			
SB LANES	470+12.48	TO	476+88.20	676	676			
	476+88.20	TO	483+11.00	623			623	
	483+11.00	TO	485+80.38	269				
	485+80.38	TO	501+22.34	1542	1542	385		
	BRIDGE OMISSION							
	504+00.42	TO	523+32.37	1932	1932	483		
	BRIDGE OMISSION							
	524+85.37	TO	534+45.00	960	960	240		
	534+45.00	TO	538+06.60		362	90		
	538+06.60	TO	540+25.00		218	55	218	
	540+25.00	TO	540+50.00	25	25	6		
	NB LANES	470+12.48	TO	477+14.00	702	702		
		477+14.00	TO	481+58.00	444			444
481+58.00		TO	485+86.40	428				
485+86.40		TO	501+22.34	1536	1536	384		
BRIDGE OMISSION								
504+00.42		TO	523+32.37	1932	1932	483		
BRIDGE OMISSION								
524+85.37		TO	540+50.00	1565	1565	391		
SUB-TOTAL				19733	19731	2691	2571	
TOTAL				42155			2571	

HMA SURFACE REMOVAL BUTT JOINTS

LOCATION 1		
STATION	LOCATION	SQ YD
166+73	RAMP 1	89
285+29	RAMP 2	89
394+48	RAMP 3	89
449+01	RAMP 4	89
540+50	NB MAINLINE	80
524+85.37	NB MAINLINE	80
523+32.37	NB MAINLINE	80
504+00.42	NB MAINLINE	80
501+22.34	NB MAINLINE	80
501+22.34	SB MAINLINE	80
504+00.42	SB MAINLINE	80
523+32.37	SB MAINLINE	80
524+85.37	SB MAINLINE	80
540+50	SB MAINLINE	80
540+50	SB TURN LANE	46
TOTAL		1202

TEMPORARY RAMPS

LOCATION 1		
STATION	LOCATION	SQ YD
166+73	RAMP 1	14.8
285+29	RAMP 2	14.8
394+48	RAMP 3	14.8
449+01	RAMP 4	14.8
540+50	NB MAINLINE	13.3
524+85.37	NB MAINLINE	13.3
523+32.37	NB MAINLINE	13.3
504+00.42	NB MAINLINE	13.3
501+22.34	NB MAINLINE	13.3
501+22.34	SB MAINLINE	13.3
504+00.42	SB MAINLINE	13.3
523+32.37	SB MAINLINE	13.3
524+85.37	SB MAINLINE	13.3
540+50	SB MAINLINE	13.3
540+50	SB TURN LANE	7.8
TOTAL		200

POLYUREA PAVEMENT MARKING

LOCATION 1						
LOCATION	STATION	TO	STATION	YELLOW 4"	WHITE 4"	
				MEDIAN LINE	EDGE LINE	SKIP DASH
				FT	FT	FT
SB LANES	501+22.34	TO	504+00.42	278	278	70
	523+32.37	TO	524+85.37	153	153	38
NB LANES	501+22.34	TO	504+00.42	278	278	70
	523+32.37	TO	524+85.37	153	153	38
SUB-TOTAL				862	862	216
TOTAL				1940		

PARTIAL DEPTH PATCHING SCHEDULE

LOCATION 1 (RAMPS)											
RAMP	STATION	LENGTH	WIDTH	PARTIAL DEPTH		RAMP	STATION	LENGTH	WIDTH	PARTIAL DEPTH	
				REMOVAL 2"	PATCHING					REMOVAL 2"	PATCHING
				SQ YD	TON					SQ YD	TON
1	167+93	2	16	3.6	0.4	4	450+20	3	16	5.3	0.6
1	168+93	2	16	3.6	0.4	4	451+18	2	16	3.6	0.4
1	169+93	2	16	3.6	0.4	4	451+25	5	2	1.1	0.1
1	171+90	3	16	5.3	0.6	4	451+50	2	8	1.8	0.2
1	172+90	2	16	3.6	0.4	4	452+18	3	16	5.3	0.6
1	173+90	3	16	5.3	0.6	4	452+28	2	3	0.7	0.1
1	174+90	3	16	5.3	0.6	4	453+17	3	16	5.3	0.6
1	175+85	6	16	10.7	1.2	4	454+15	3	16	5.3	0.6
						4	455+13	3	16	5.3	0.6
2	274+00	12	16	21.3	2.4	4	456+13	4	16	7.1	0.8
2	278+00	2	16	3.6	0.4	4	457+09	3	16	5.3	0.6
2	278+72	2	16	3.6	0.4	4	457+15	4	5	2.2	0.2
2	279+48	3	16	5.3	0.6	4	458+10	8	16	14.2	1.6
2	280+10	2	16	3.6	0.4	4	459+09	3	16	5.3	0.6
2	280+35	2	16	3.6	0.4	4	460+08	3	16	5.3	0.6
2	281+34	2	16	3.6	0.4	4	460+74	3	16	5.3	0.6
2	282+06	2	16	3.6	0.4	4	461+07	3	16	5.3	0.6
2	284+05	2	16	3.6	0.4	4	461+84	3	16	5.3	0.6
						4	462+13	3	16	5.3	0.6
3	371+55	3	3	1.0	0.1	4	462+97	2	16	3.6	0.4
3	371+55	2	5	1.1	0.1	4	464+96	3	16	5.3	0.6
3	372+05	2	3	0.7	0.1	4	466+00	8	16	14.2	1.6
3	372+47	6	16	10.7	1.2	4	467+03	2	16	3.6	0.4
3	372+90	3	3	1.0	0.1	4	468+00	2	16	3.6	0.4
3	373+50	2	16	3.6	0.4	4	471+00	3	16	5.3	0.6
3	374+35	2	16	3.6	0.4	4	472+00	2	16	3.6	0.4
3	375+32	3	16	5.3	0.6	4	473+00	2	16	3.6	0.4
3	376+32	2	16	3.6	0.4	4	474+00	2	16	3.6	0.4
3	377+32	3	16	5.3	0.6	4	474+96	3	16	5.3	0.6
3	378+32	3	16	5.3	0.6	4	475+18	7	16	12.4	1.4
3	379+32	2	16	3.6	0.4						
3	380+34	3	16	5.3	0.6						
3	381+34	2	16	3.6	0.4						
3	382+34	2	16	3.6	0.4						
3	383+34	2	16	3.6	0.4						
3	384+34	2	16	3.6	0.4						
3	386+34	3	16	5.3	0.6						
3	386+59	2	3	0.7	0.1						
3	387+34	2	16	3.6	0.4						
3	387+50	6	3	2.0	0.2						
3	388+34	2	16	3.6	0.4						
3	389+34	3	16	5.3	0.6						
3	390+33	3	16	5.3	0.6						
3	391+33	2	16	3.6	0.4						
3	392+16	2	16	3.6	0.4						
3	393+31	2	16	3.6	0.4						

LOCATION 1 (SOUTHBOUND MAINLINE)					
STATION	LOCATION (LANE)	LENGTH	WIDTH	PARTIAL DEPTH	
				REMOVAL 2"	PATCHING
				SQ YD	TON
486+00	CL	2	6	1.3	0.1
486+29	IS	3	3	1.0	0.1
491+78	IS	4	10	4.4	0.5
504+62	IS	4	7	3.1	0.3
506+03	IS	3	3	1.0	0.1
506+57	CL	2	2	0.4	0.0
509+65	CL	4	4	1.8	0.2
516+15	OS	4	3	1.3	0.1
518+80	CL	3	6	2.0	0.2
518+90	IS	2	4	0.9	0.1
519+03	CL	3	6	2.0	0.2
519+49	CL	3	3	1.0	0.1
519+49	OS	3	3	1.0	0.1
519+78	CL	20	3	6.7	0.8
519+91	OS	3	3	1.0	0.1
527+85	CL	24	2	5.3	0.6
528+15	CL	3	3	1.0	0.1
529+93	CL	10	2	2.2	0.2
531+93	CL	3	3	1.0	0.1
532+80	CL	160	2	35.6	4.0
533+36	OS	3	3	1.0	0.1
533+51	OS	3	3	1.0	0.1
533+60	IS	3	3	1.0	0.1
533+87	IS	2	12	2.7	0.3
533+87	OS	2	12	2.7	0.3
534+00	OS	3	12	4.0	0.4
534+09	OS	4	12	5.3	0.6
536+00	TL LINE	320	2	71.1	8.0
536+17	TL	2	8	1.8	0.2
536+17	IS	9	12	12.0	1.3
536+17	OS	9	12	12.0	1.3
SOUTHBOUND SUBTOTALS				188.6	20.7

LOCATION 1 (NORTHBOUND MAINLINE)					
STATION	LOCATION (LANE)	LENGTH	WIDTH	PARTIAL DEPTH	
				REMOVAL 2"	PATCHING
				SQ YD	TON
538+85	IS	2	9	2.0	0.2
537+34	OS	4	9	4.0	0.4
535+06	IS	3	3	1.0	0.1
535+04	OS	4	3	1.3	0.1
533+56	CL	4	4	1.8	0.2
533+47	OS	5	5	2.8	0.3
532+73	IS	6	12	8.0	0.9
532+66	IS	2	2	0.4	0.0
532+57	OS	27	6	18.0	2.0
531+10	CL	2	8	1.8	0.2
530+04	OS	2	2	0.4	0.0
528+88	CL	13	2	2.9	0.3
519+67	IS	7	12	9.3	1.0
519+67	OS	7	12	9.3	1.0
514+14	OS	2	2	0.4	0.0
509+45	IS	15	12	20.0	2.2
509+45	OS	11	12	14.7	1.6
504+55	IS	15	4	6.7	0.8
504+45	IS	6	12	8.0	0.9
504+45	OS	2	12	2.7	0.3
492+82	IS	20	4	8.9	1.0
492+16	IS	7	3	2.3	0.3
491+61	IS	4	2	0.9	0.1
489+58	IS	4	4	1.8	0.2
488+66	IS	5	2	1.1	0.1
487+00	IS	4	4	1.8	0.2
486+22	IS	7	3	2.3	0.3
481+90	RMP LN LNE	100	2	22.2	2.5
481+25	IS	6	16	10.7	1.2
481+25	OS	6	17	11.3	1.3
NORTHBOUND SUBTOTALS				178.8	19.7

RAMP SUMMARY		
RAMP	PARTIAL DEPTH	
	REMOVAL 2"	PATCHING
	SQ YD	TON
RAMP 1	41	4.6
RAMP 2	51.8	5.8
RAMP 3	101.1	11.3
RAMP 4	158.4	17.8
TOTAL	352.3	39.5

PARTIAL DEPTH PATCHING SUMMARY		
LOCATION	PARTIAL DEPTH	
	REMOVAL 2"	PATCHING
	SQ YD	TON
RAMPS	352.3	39.5
SOUTHBOUND MAINLINE	188.6	20.7
NORTHBOUND MAINLINE	178.8	19.7
SUBTOTAL	719.7	79.9
ANTICIPATED FAILURES (15%)	108	12
TOTAL	828	92

A QUANTITY OF 0.3 TONS OF BITUMINOUS MATERIALS (PRIME COAT) HAS BEEN CALCULATED FOR USE IN THESE AREAS

CLASS D PATCHES

LOCATION 1						
LOCATION	STATION	LANE	LENGTH	WIDTH	CLASS D PATCHES,	
					TYPE II, 7 INCH	CLASS D PATCHES, TYPE III, 7 INCH
					SQ YD	SQ YD
RAMPS	177+81	RAMP 1	7	16	12.4	
	475+90	RAMP 4	6	16	10.7	
SOUTHBOUND MAINLINE	485+80	IS	10	12	13.3	
	496+06	IS	14	12		18.7
	496+06	OS	14	12		18.7
	513+93	IS	6	12	8.0	
	513+93	OS	6	12	8.0	
	529+41	IS	6	12	8.0	
NORTHBOUND MAINLINE	529+41	OS	6	12	8.0	
	532+43	IS	6	12	8.0	
	532+43	OS	6	12	8.0	
	511+14	IS	11	12	14.7	
	511+14	OS	11	12	14.7	
	491+22	IS	6	12	8.0	
491+22	OS	6	12	8.0		
SUBTOTAL					130	37
ANTICIPATED FAILURES (15%)					20	6
TOTAL					150	43

GUARDRAIL SCHEDULE

LOCATION 1

LOCATION	STATION	TBT	TBT	TBT	TBT	TBT	SPBGR	SPBGR	TBT	TERMINAL	GR	GR	SAWCUTS	PAVED*	CONC *	LOCATION	STATION	TBT	TBT	TBT	TBT	TBT	SPBGR	SPBGR	TBT	TERMINAL	GR	GR	SAWCUTS	PAVED*	CONC *		
		TY 6	TY 6B	TY 6B (SPECIAL)	TY 1 (SP) TAN	TY 1 (SP) FLRD	TY A	END SEC (INCIDENTAL)	TY 5	MARKER DA	REFL TY A	REM	FEET	SO YD	TY B			TY 6	TY 6B	TY 6B (SPECIAL)	TY 1 (SP) TAN	TY 1 (SP) FLRD	TY A	END SEC (INCIDENTAL)	TY 5	MARKER DA	REFL TY A	REM	FEET	FEET	SO YD	TY B	
SIUE N ACCESS RD OLD ALTON-EDWARDSVILLE RD OVERPASS	SB OUTSIDE APPROACH											75				SIUE N ACCESS RD OVER RAILROAD	SB OUTSIDE APPROACH												500				
	477+13 TO 477+63				1					1							518+25 TO 518+75				1					1							
	477+63 TO 478+88						125					2					518+75 TO 522+75							400			5						
	478+88 TO 479+44.5		1														522+75 TO 523+19	1										30.6	1	15			
	SB INSIDE APPROACH											75					SB INSIDE APPROACH											125					
	477+99 TO 478+61.5					1				1							520+37.5 TO 520+87.5					1					1						
	478+61.5 TO 479+99						150	1				2					520+87.5 TO 522+75							187.5			2						
	NB INSIDE APPROACH											75					522+75 TO 523+19	1										30.6	1	15			
	479+85.5 TO 481+35.5						150	1				2					SB OUTSIDE DEPART											325					
	481+35.5 TO 481+85.5					1					1						524+98 TO 525+12.5									1							
	NB OUTSIDE APPROACH											125					525+12.5 TO 528+25							312.5	1		1		4				
	500+05.5 TO 500+62		1														NB INSIDE APPROACH											125					
500+62 TO 501+99.5						137.5					2				524+98 TO 525+42	1										30.6	1	15					
501+99.5 TO 502+49.5					1					1					525+42 TO 527+29.5							187.5			2								
SIUE N ACCESS RD BIKETRAIL OVERPASS	SB OUTSIDE APPROACH										75				SB RAMP 4 @ IL 143 OVERPASS	SB OUTSIDE APPROACH																	
	489+46 TO 489+96				1					1						527+29.5 TO 527+79.5					1					1							
	489+96 TO 491+21						125					2				NB OUTSIDE APPROACH											325						
	491+21 TO 491+77.5		1													524+98 TO 525+42	1										30.6	1	15				
	SB INSIDE APPROACH											75				525+42 TO 528+29.5							287.5			3							
	490+48.4 TO 490+98.5					1					1					528+29.5 TO 528+79.5					1					1							
	490+98.5 TO 492+36						137.5	1				2				NB OUTSIDE DEPART											500						
	NB INSIDE APPROACH											75				518+17 TO 523+04.5							487.5	1		6							
	491+81 TO 493+18.5						137.5	1				2				523+04.5 TO 523+19									1								
	493+18.5 TO 493+68.5					1					1					SB OUTSIDE						1					170						
	NB OUTSIDE APPROACH											75				465+72.5 TO 466+22.5											1						
	492+42.5 TO 492+99		1													466+22.5 TO 468+50							227.5			3							
492+99 TO 494+36.5						137.5					2			468+50 TO 469+81			1																
494+36.5 TO 494+86.5					1					1				SB INSIDE											225								
SIUE N ACCESS RD OVER CAHOKIA CREEK	SB OUTSIDE APPROACH										75				NB RAMP 3 @ IL 143 OVERPASS	SB INSIDE																	
	499+65 TO 500+15				1					1				467+48 TO 467+98						1					1								
	500+15 TO 500+65						50							467+98 TO 469+98								200	1		3			245					
	500+65 TO 501+09	1												468+85 TO 469+35						1					1								
	SB INSIDE APPROACH											125				NB OUTSIDE											170						
	499+65 TO 500+15					1					1			469+35 TO 371+35								200	1		3								
	500+15 TO 500+65						50					1		468+85 TO 469+35							1				1								
	500+65 TO 501+09	1											30.6	1		15	467+89 TO 371+23																
	SB OUTSIDE DEPART											1370				467+61.5 TO 469+89							227.5			3							
	504+13 TO 504+27.5									1						467+11.5 TO 467+61.5																	
	504+27.5 TO 517+77.5						1350	1				8				TOTALS	8	4	2	10	10	6792.5	10	4	20	70	6500	245	8	120			
	NB INSIDE APPROACH											125				* CONCRETE CURB TY B SHALL BE 6 INCH ACCORDING TO STD 606001 AND STD 631031. THE CURB IS REQUIRED WITH THE TBT TY 6. AT NO COST TO THE DEPARTMENT, THE EXTRA SHOULDER BEHIND THE FACE OF THE NEW GUARDRAIL CAN BE SAW CUT AT THE FACE OF THE RAIL, REMOVED, AND BACKFILLED WITH CA-6. IF THE SHOULDER IS LEFT IN PLACE, THE SHOULDER MUST BE CORED AT EACH GUARDRAIL POST ACCORDING TO ARTICLE 630.06. THE EARTH EXCAVATION BELOW THE SHOULDER REMOVAL WILL BE INCIDENTAL TO PAVED SHOULDER REMOVAL.																	
504+13 TO 504+57	1												30.6	1	15																		
504+57 TO 506+44.5						187.5					2																						
506+44.5 TO 506+94.5					1					1																							
NB OUTSIDE APPROACH											1370																						
504+13 TO 504+57	1												30.6	1	15																		
504+57 TO 517+32						1275					7																						
517+32 TO 517+82					1					1																							
NB OUTSIDE DEPART											75																						
500+07 TO 500+94.5						62.5	1				1																						
500+94.5 TO 501+09									1																								

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES (LOCATION #1)

FILE NAME =
USER NAME = watesrle
DRAWN -
CHECKED -
DATE -

DESIGNED -
REVISED -
DRAWN -
CHECKED -
DATE -

REVISOR -
REVISED -
REVISOR -
REVISED -
REVISOR -
REVISED -

SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	22
		CONTRACT NO. 76063		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				

RESURFACING SCHEDULE

LOCATION 2							
STA	TO	STA	HMA SURFACE COURSE	LEVELING BINDER	BITUMINOUS MATERIALS	AGGREGATE	HMA SURFACE REMOVAL
			MIX "D", N90	(MM), N90	(PRIME COAT)	(PRIME COAT)	2"
			TON	TON	TON	TON	SQ YD
0+69	TO	1+69	22	11	0.1	0.4	267
1+69	TO	9+75	181	90	0.7	3.2	2149
10+25	TO	21+52	316	158	1.2	5.6	3757
21+52	TO	76+76	1134	567	4.2	20.3	13503
76+76	TO	77+85	23	11	0.1	0.4	273
78+85	TO	80+46	34	17	0.1	0.6	403
80+46	TO	135+65	1236	618	4.6	22.1	14717
135+65	TO	145+05	321	161	1.2	5.7	3821
145+05	TO	150+52	165	82	0.6	2.9	1961
150+52	TO	151+01	21	11	0.1	0.4	250
151+01	TO	163+66	370	185	1.4	6.6	4408
163+66	TO	164+08	18	9	0.1	0.3	211
164+08	TO	170+38	236	118	0.9	4.2	2806
170+38	TO	171+57	51	26	0.2	0.9	608
171+57	TO	181+59	300	150	1.1	5.4	3571
181+59	TO	184+29	70	35	0.3	1.2	832
SIDEROADS					0.3	1.3	
TOTAL			4497	2249	17.0	82	53538

250 TONS OF AGGREGATE WEDGE SHOULD TYPE B SHOULD BE PLACED AT LOCATIONS TO BE DETERMINED BY THE ENGINEER

TEMPORARY RAMPS

LOCATION 2	
STATION / LOCATION	SQ YD
1+69	17.8
9+75	17.8
10+24.5	17.8
11+80.5	17.8
11+86	17.8
21+52	17.8
21+62	17.8
22+12	17.8
22+22	17.8
70+63	25.2
70+73	25.2
77+85	43.0
78+85	43.0
184+27	17.8
IL 255 SB TO EB MADISON AVE	6.7
RAMPS FROM AND TO SB IL 255	17.8
IL 255 NB TO EB MADISON AVE	6.7
RAMPS FROM AND TO NB IL 255	17.8
TOTAL	363

PARKING LANE RESURFACING SCHEDULE

LOCATION 2							
STA	TO	STA	HMA SURFACE COURSE	LEVELING BINDER	BITUMINOUS MATERIALS	AGGREGATE	HMA SURFACE REMOVAL
			MIX "D", N90	(MM), N90	(PRIME COAT)	(PRIME COAT)	2"
			TON	TON	TON	TON	SQ YD
2+64	TO	9+75	79.6	39.8	0.3	1.4	948.0
11+86	TO	20+37	103.3		0.4	1.7	1134.7
TOTAL			183	40	0.7	3	2083

SIDEROAD SCHEDULE

LOCATION 2								
LOCATION	LT / RT	TYPE	BEGINNING STATION	ENDING STATION	WIDTH @ 10' OS EOP (FT)	HMA SURFACE REMOVAL, 1.5"	INCIDENTAL HMA SURFACE	REMARKS
						SQ YD	TON	
VELMA AVE	RT	BIT	86+61	87+27	42	60.0	5.0	
SMITH AVE	RT	BIT	92+74	93+39	33	54.4	4.6	
POAG AVE	RT	BIT	95+86	96+51	36	56.1	4.7	
ROXANA AVE	RT	BIT	98+94	99+62	33	56.1	4.7	
SINCLAIR AVE	RT	CONC	101+30	103+87	3' BIT WEDGE	85.7	4.8	0" TO 2" MILLING
SOUTHARD PL *	RT	BIT	105+40	105+96	27	46.1	11.9	REM EXIST PIPE CULV
ILLINOIS AVE	RT	BIT	108+45	109+03	32	50.0	4.2	
OHIO AVE	RT	BIT	111+43	112+03	30	50.0	4.2	
MISSOURI AVE	RT	BIT	114+57	115+07	30	44.4	3.7	
INDIANA AVE	RT	BIT	117+37	117+95	33	50.6	4.2	
MICHIGAN AVE	RT	BIT	120+30	120+85	33	48.9	4.1	
PENNSYLVANIA AVE	RT	BIT	123+35	123+76	25	36.7	3.1	
STEPHENSON AVE	RT	BIT	127+13	127+65	30	45.6	3.8	
ROSE AVE	RT	BIT	130+19	130+80	40	56.1	4.7	
PRAIRIE AVE	RT	BIT	133+36	133+81	28	40.6	3.4	
WASHINGTON ST	RT	BIT	136+44	137+07	39	56.7	4.8	
TOTAL						838	76	

* AN ADDITIONAL 8 TONS OF INCIDENTAL HMA SURFACE COURSE HAS BEEN CALCULATED TO FILL VOID FROM PIPE CULVERT REMOVAL

THERMOPLASTIC PAVEMENT MARKING

CLASS C PATCHES

LOCATION 2						
STATION	LT / RT	LENGTH	WIDTH	CLASS C PATCHES,	CLASS C PATCHES,	CLASS C PATCHES,
				TYPE II, 10 INCH	TYPE III, 10 INCH	TYPE IV, 10 INCH
				SQ YD	SQ YD	SQ YD
01+19	LT	100	15			166.7
13+91	LT	6	11	7.3		
13+91	RT	6	11	7.3		
17+21	LT	6	11	7.3		
17+21	RT	6	11	7.3		
26+40	LT	11	12		14.7	
26+40	RT	11	12		14.7	
32+86	RT	6	11	7.3		
33+36	LT	6	11	7.3		
41+35	LT	6	11	7.3		
41+35	RT	6	11	7.3		
63+88	LT	31	5		17.2	
66+26	RT	191	5			106.1
67+35	LT	6	11	7.3		
69+31	RT	301	5			167.2
71+14	LT	25	5		13.9	
SUBTOTAL				66	61	440
ANTICIPATED FAILURES (15%)				10	9	66
TOTAL				76	70	506

TIE BARS AND PAVEMENT FABRIC SHALL BE INSTALLED IN ALL PATCHES

LOCATION 2												
LOCATION	TO	STATION	LT / RT	YELLOW 4"		WHITE 4"	YELLOW 12"	WHITE 12"		WHITE 24"	WHITE	
				SKIP DASH	LINE	EDGE LINE	DIAGONALS	X-WALKS	BIKE X-ING	STOPBARS	RR BARS	LETTERS & SYMBOLS
				FT	FT	FT	FT	FT	FT	FT	SQ FT	
0+71	TO	7+90		180		1438						
7+90	TO	9+75	RT	47	185	370						
10+25	TO	11+65	RT	35	140	280						
11+65	TO	22+38	LT & RT		2146	2146						
22+38	TO	27+05	LT	117	467	934						
27+05	TO	65+51		962		7692						
65+51	TO	70+70	RT	130	519	1038						
70+70	TO	71+45	LT & RT		150	150						
71+45	TO	74+85	LT	85	340	680						
74+85	TO	77+85	LT & RT		600	600						
78+92	TO	87+37	LT & RT		1690	1690						
87+37	TO	92+68	LT	133	531	1062						
92+68	TO	116+29		590		4722						
116+29	TO	122+75	RT	162	646	1292						
122+75	TO	123+19	LT & RT		88	88						
123+19	TO	129+99	LT	170	680	1360						
129+99	TO	135+65		142		1132						
135+65	TO	184+27	LT & RT	77	8533	9595	112		142		218.4	
0+71			LT						12			
2+04									187			
2+64								72				
3+58								72				
8+00			RT							12		
8+25			RT								61.2	
8+50			RT							12		
11+65			RT						12			
12+02			LT						12			
16+35			RT							12		
16+60			RT								61.2	
16+85			RT							12		
16+68			LT							12		
16+93			LT								61.2	
17+18			LT							12		
21+34			RT						12			
22+38			LT						12			
26+43			LT							12		
26+68			LT								61.2	
26+93			LT							12		
39+18								72				
67+15			RT							12		
67+40			RT								61.2	
67+65			RT							12		
70+44			RT						12			
70+92			LT						12			
73+74			LT							12		
73+99			LT								61.2	
74+24			LT							12		
77+75			RT						12			
78+92			LT						12			
83+00			RT							12		
83+25			RT								61.2	
83+50			RT							12		
86+37			RT						12			
87+37			LT						12			
90+27			LT							12		
90+52			LT								61.2	
90+77			LT							12		
94+60								48				
170+21			RT						26.0			
SIDEROAD DEDUCTION						1057						
SUB-TOTAL				2830	16715	35212	112	264	329	158	192	708
TOTAL				54757		705		350		708		

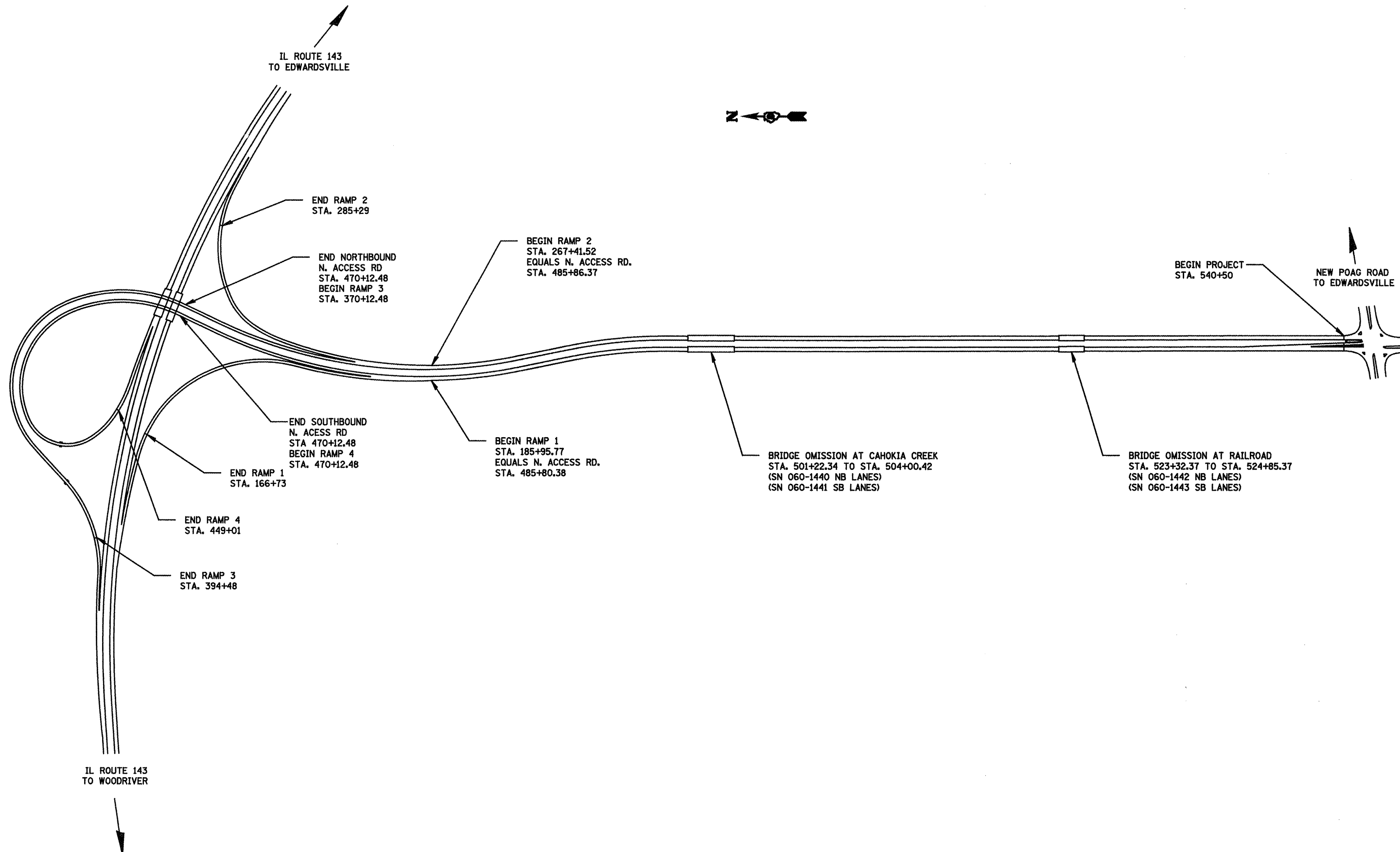
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	PLOT DATE = 3/12/2010	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES (LOCATION #2)

SCALE: SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	24
CONTRACT NO. 76063				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



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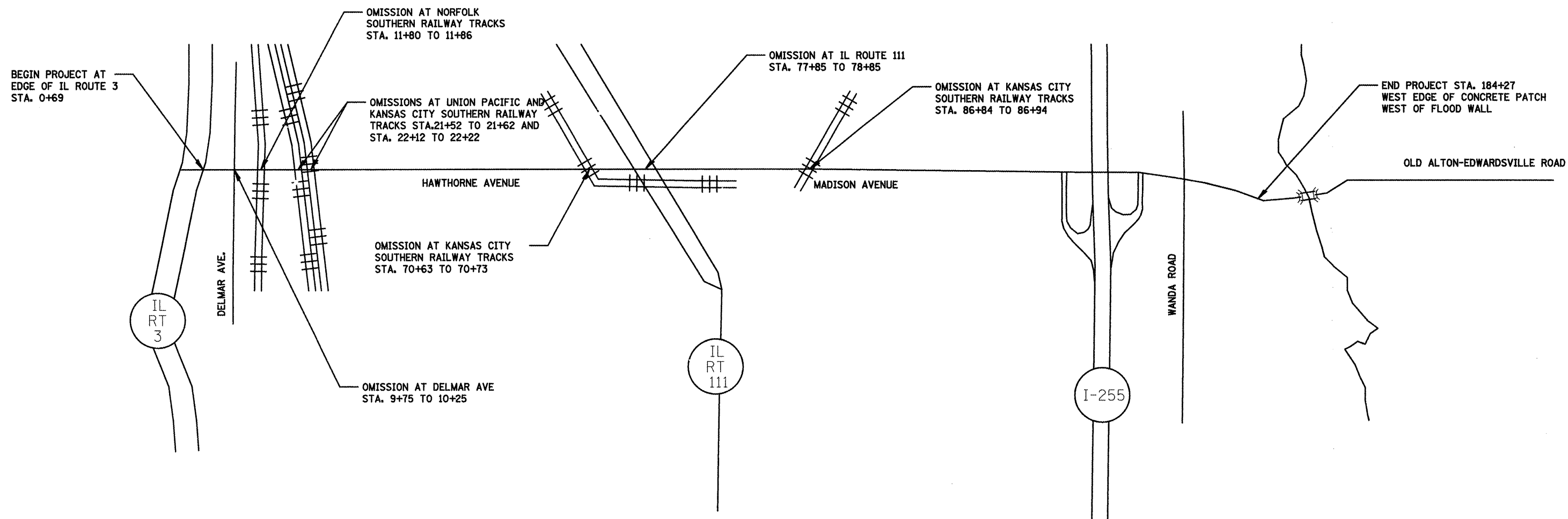
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DRAWN -	-----	REVISED -	----
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DATE -	-----	REVISED -	----

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

LOCATION #1 MAP

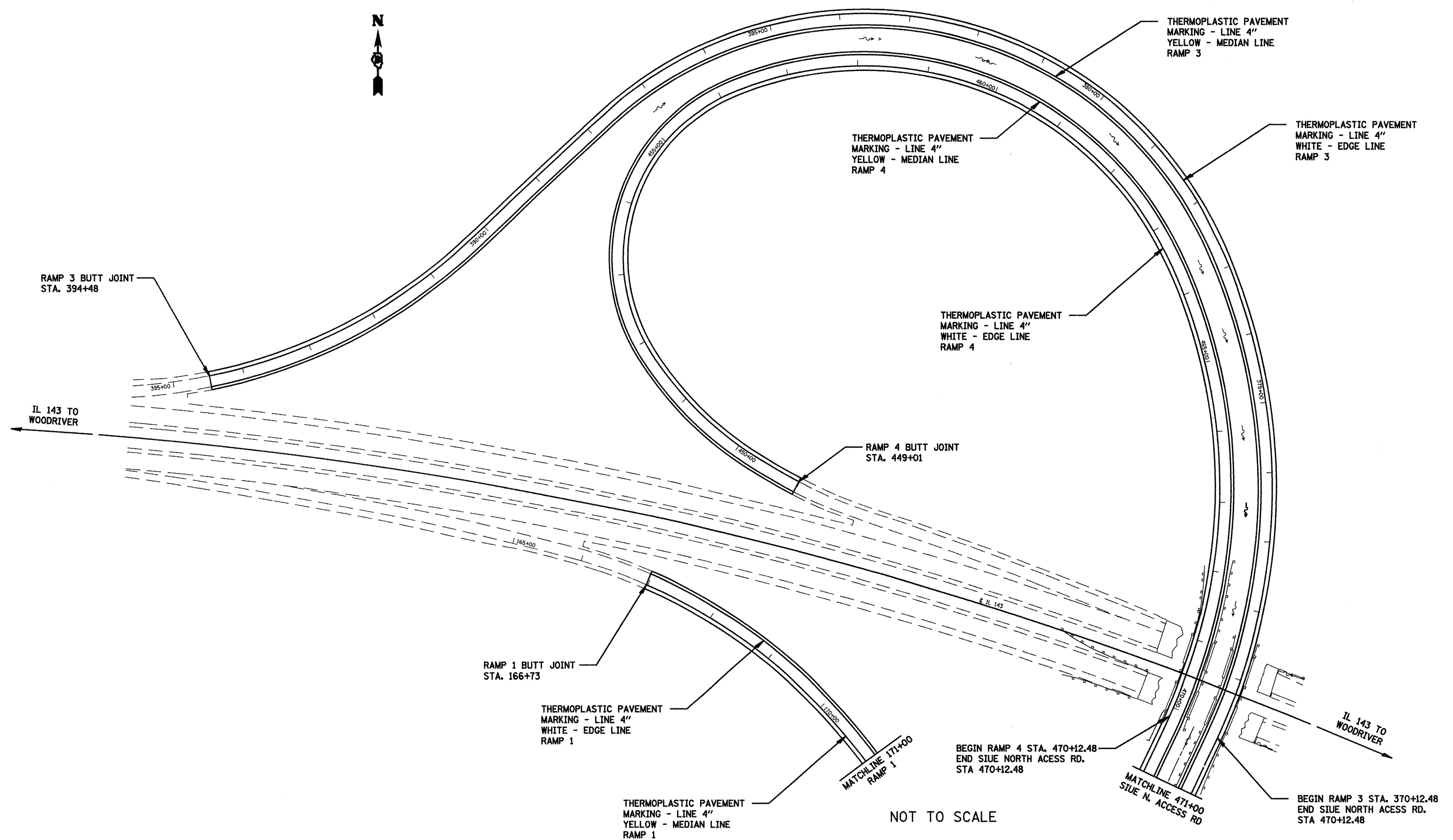
SCALE: _____ SHEET NO. 1 OF 2 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	25
CONTRACT NO. 76063				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



NOT TO SCALE

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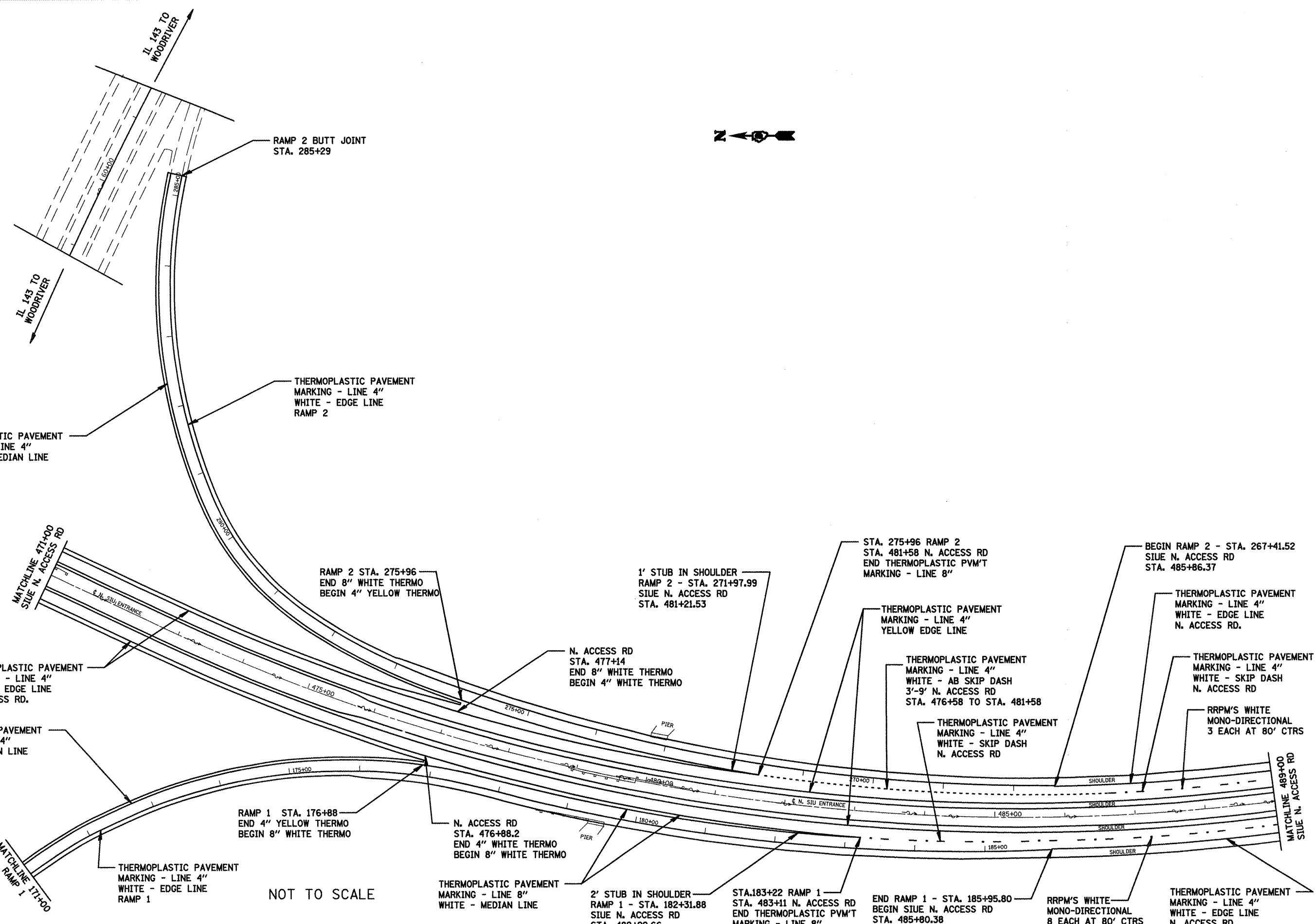


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW (LOCATION #1)	
SCALE: _____	SHEET NO. 1 OF 5 SHEETS
STA. _____	TO STA. _____

F.A.R.T.E. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST. 8 RESURF. 2010-5	MADISON	57	27
CONTRACT NO. 76083			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT	



NOT TO SCALE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN VIEW (LOCATION #1)

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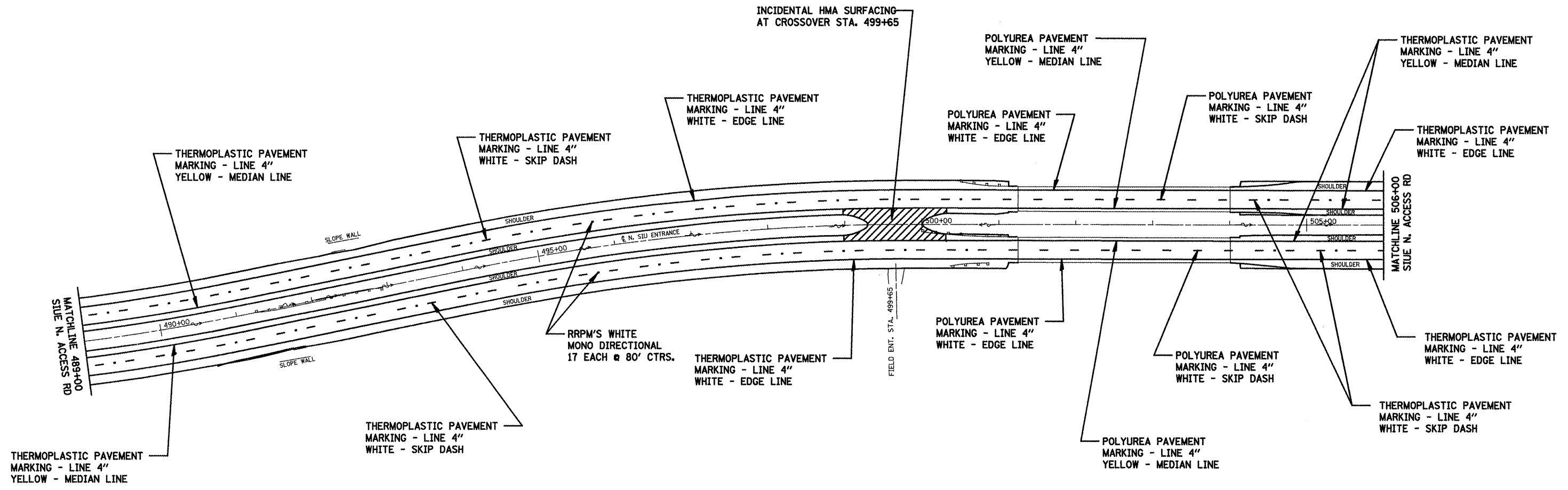
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CHECKED -	REVISED -
DATE -	REVISED -

DESIGNED -	REVISED -
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

SCALE:	SHEET NO. 2 OF 5 SHEETS	STA. _____ TO STA. _____
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	28
CONTRACT NO. 76083				

FED. ROAD DIST. NO. 8	ILLINOIS FED. AID PROJECT
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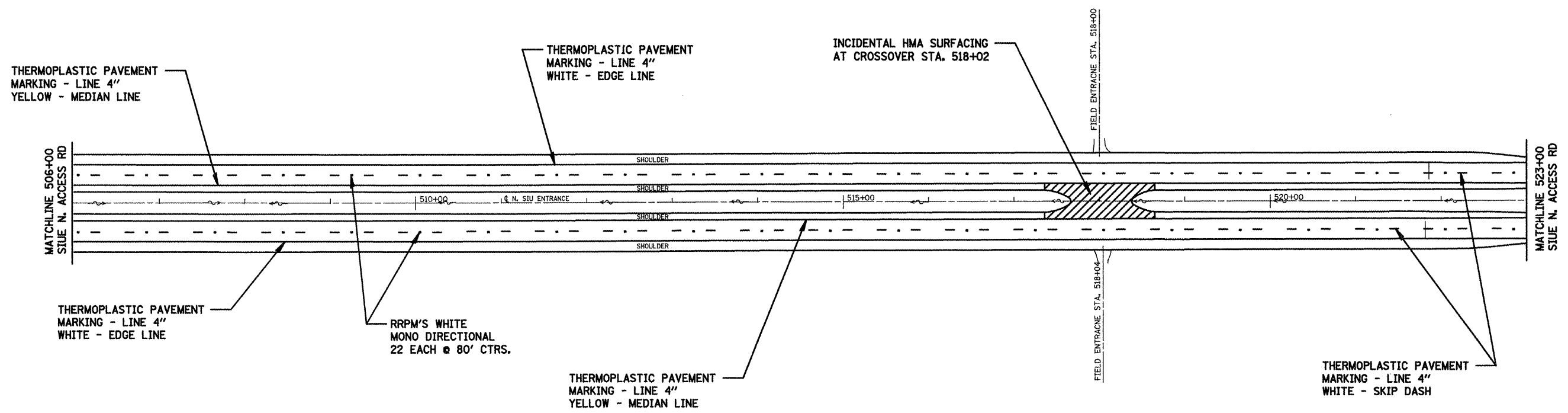
NOT TO SCALE

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c:\pw\work\PWIDOT\WATERSLEV\d0175033\8	6d83-shr-plan.dgn	DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/12/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

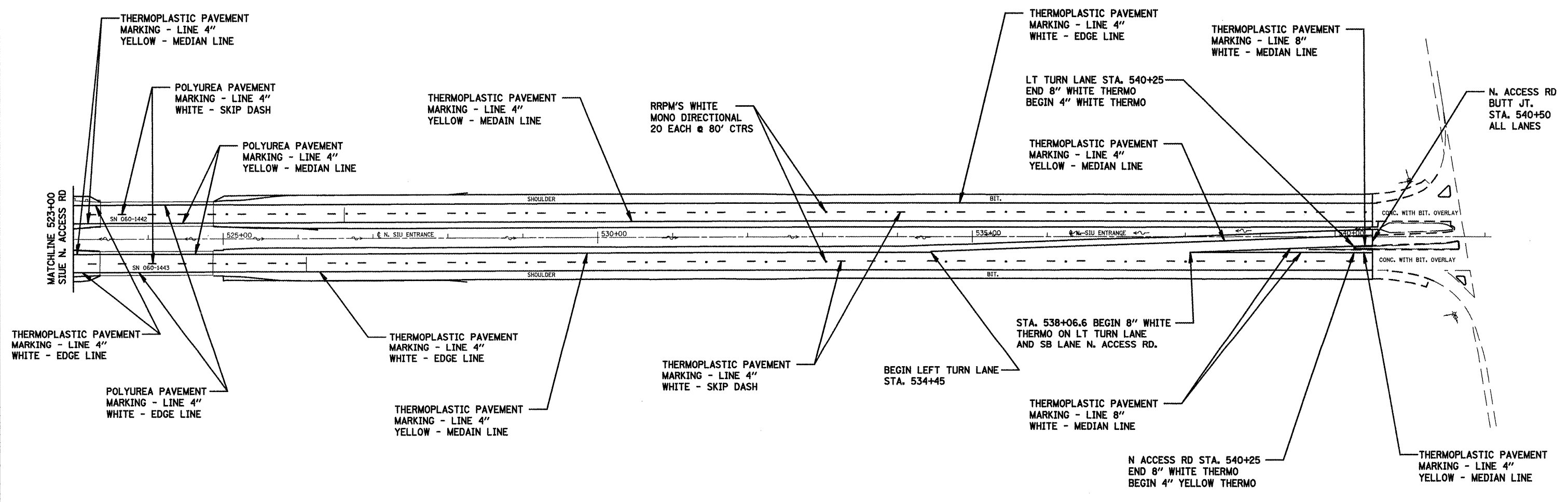
SCALE:		SHEET NO. 3 OF 5 SHEETS		STA. TO STA.	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	29
CONTRACT NO. 76083				
FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				



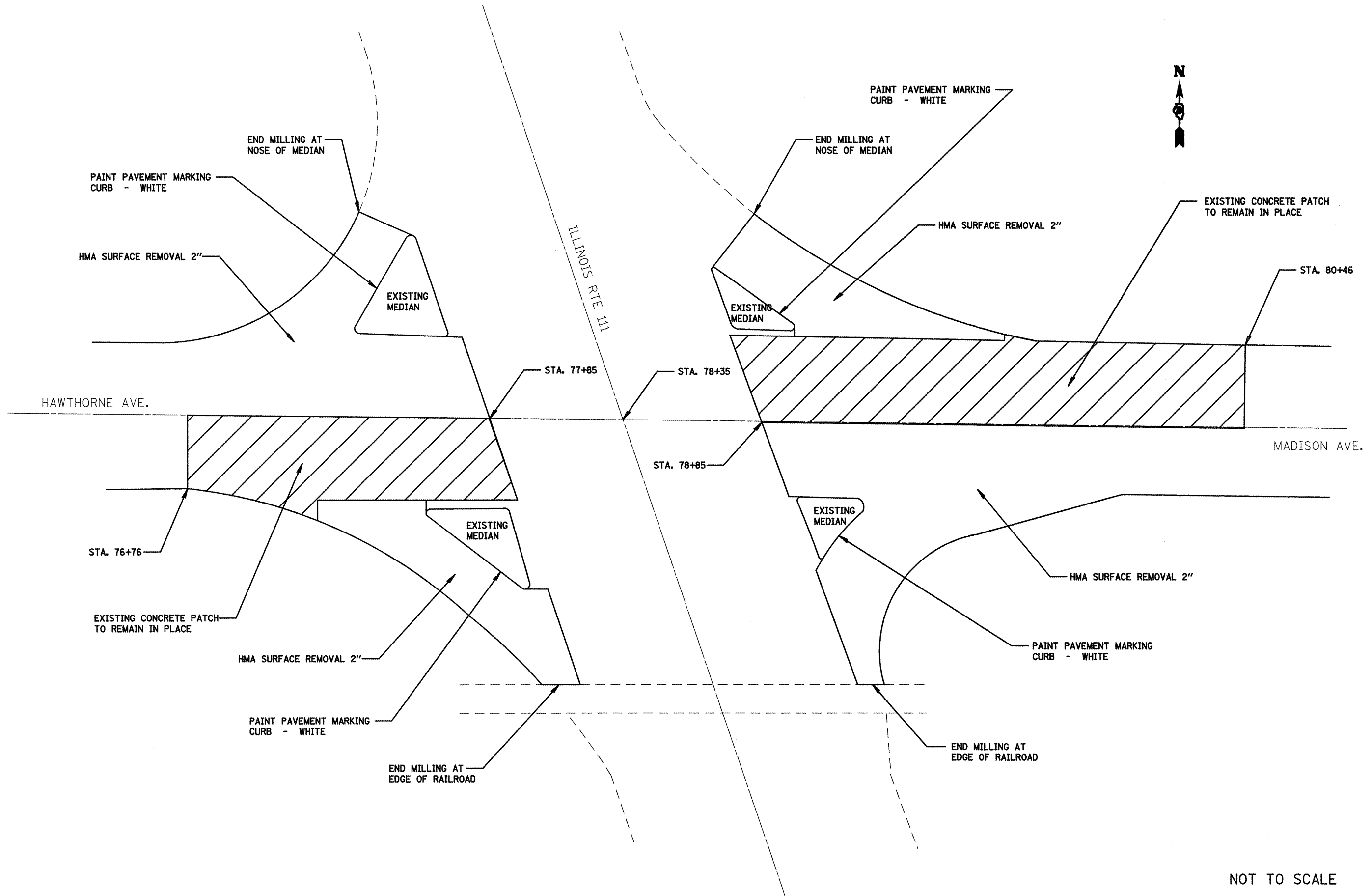
NOT TO SCALE

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	PLOT SCALE = 1/8" = 100'	CHECKED - _____	REVISED - _____		VAR. _____	DIST. 8 RESURF. 2010-5	MADISON	57	30		
	PLOT DATE = 3/12/2010	DATE - _____	REVISED - _____		STA. _____	TO STA. _____	CONTRACT NO. 76D63				
								FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT			



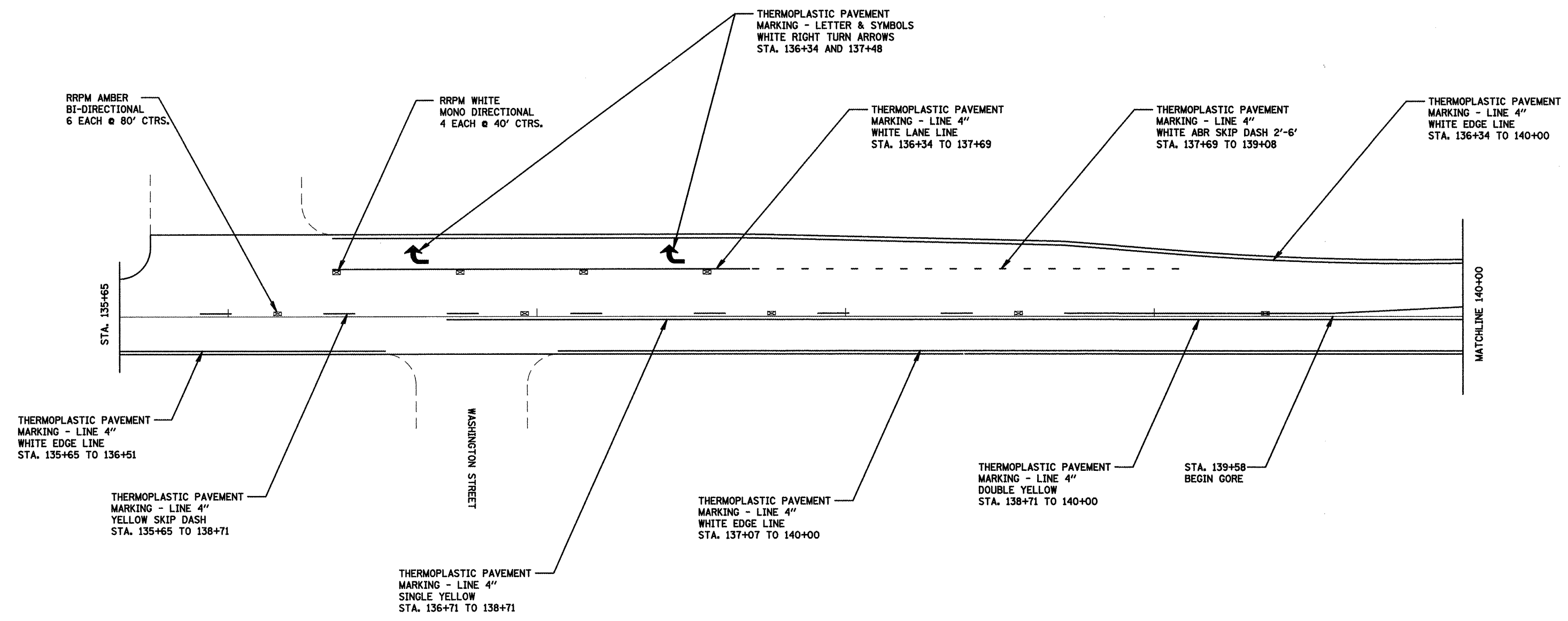
NOT TO SCALE

FILE NAME =	USER NAME = waterle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #1)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct\pwork\PIWIDOT\WATERSLE\d8175033\d8	6483-ah1-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	31	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 76D83					
PLOT DATE = 3/12/2010	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					



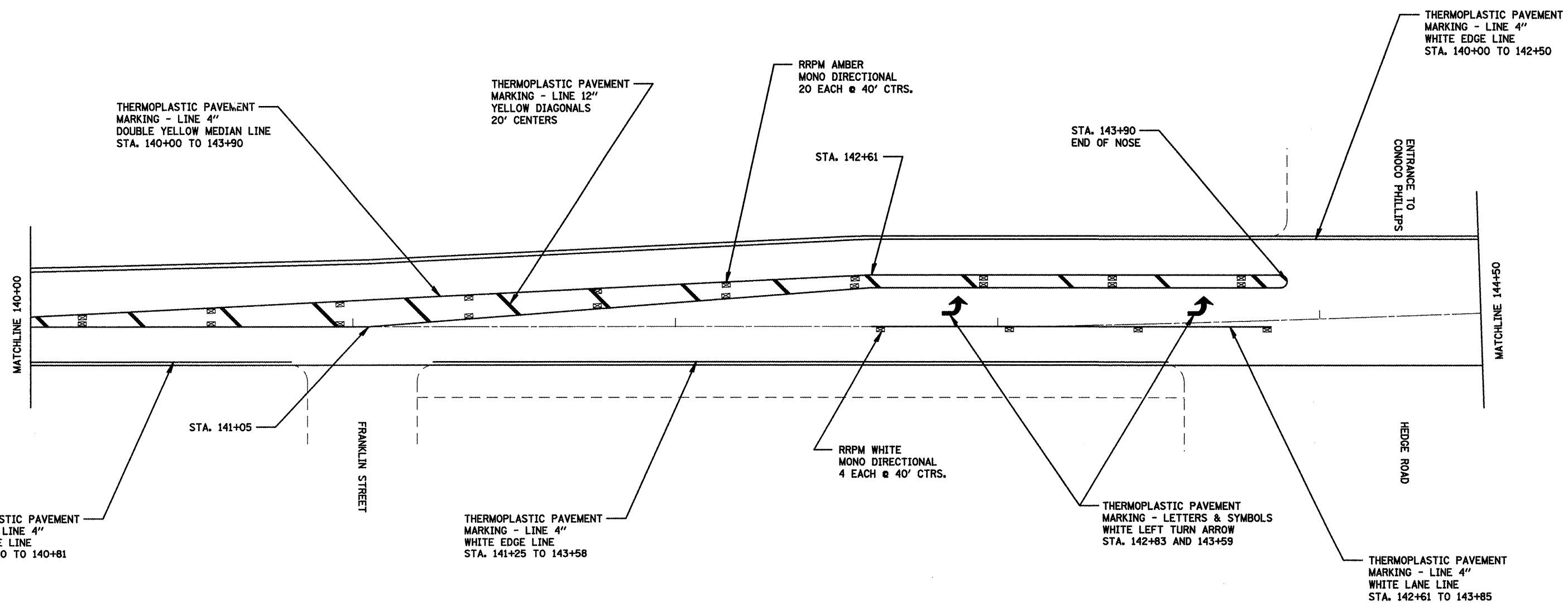
NOT TO SCALE

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pw\work\PWIDOT\WATERSLE\d8175033\d8	6d83-shr-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	32
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -				CONTRACT NO. 76063				
PLOT DATE = 3/12/2010	DATE -	REVISED -				FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				



NOT TO SCALE

FILE NAME =	USER NAME = watorio	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pwwork\pwwid07\WATERSLE\d0175033\d8	6d83-ah-plant.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	33	
	PLOT SCALE = 100,0000 ' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76063					
	PLOT DATE = 3/12/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					



NOT TO SCALE

FILE NAME = c:\pw_work\FWIDOT\WATERSLEV\d0175033\d8	USER NAME = waterale 6d83-ehf-plan.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	34	
	PLOT DATE = 3/12/2010	DATE -	REVISED -			CONTRACT NO. 76D83					
						SCALE: _____	SHEET NO. 3 OF 12 SHEETS		STA. _____	TO STA. _____	
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT											



THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
WHITE LANE LINE
STA. 145+05 TO 146+60

THERMOPLASTIC PAVEMENT
MARKING - LETTERS & SYMBOLS
WHITE LEFT TURN ARROWS
STA. 145+38 AND 146+35

THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
WHITE EDGE LINE
STA. 144+50 TO 149+00

RRPM WHITE
MONO DIRECTIONAL
5 EACH @ 40' CTRS.

ENTRANCE TO
CONOCO PHILLIPS

MATCHLINE 144+50

145+00

MATCHLINE 149+00

HEDGE ROAD

PAINT PAVEMENT MARKING CURB
YELLOW, PLACE ACCORDING TO
DETAIL ON SHEET #43

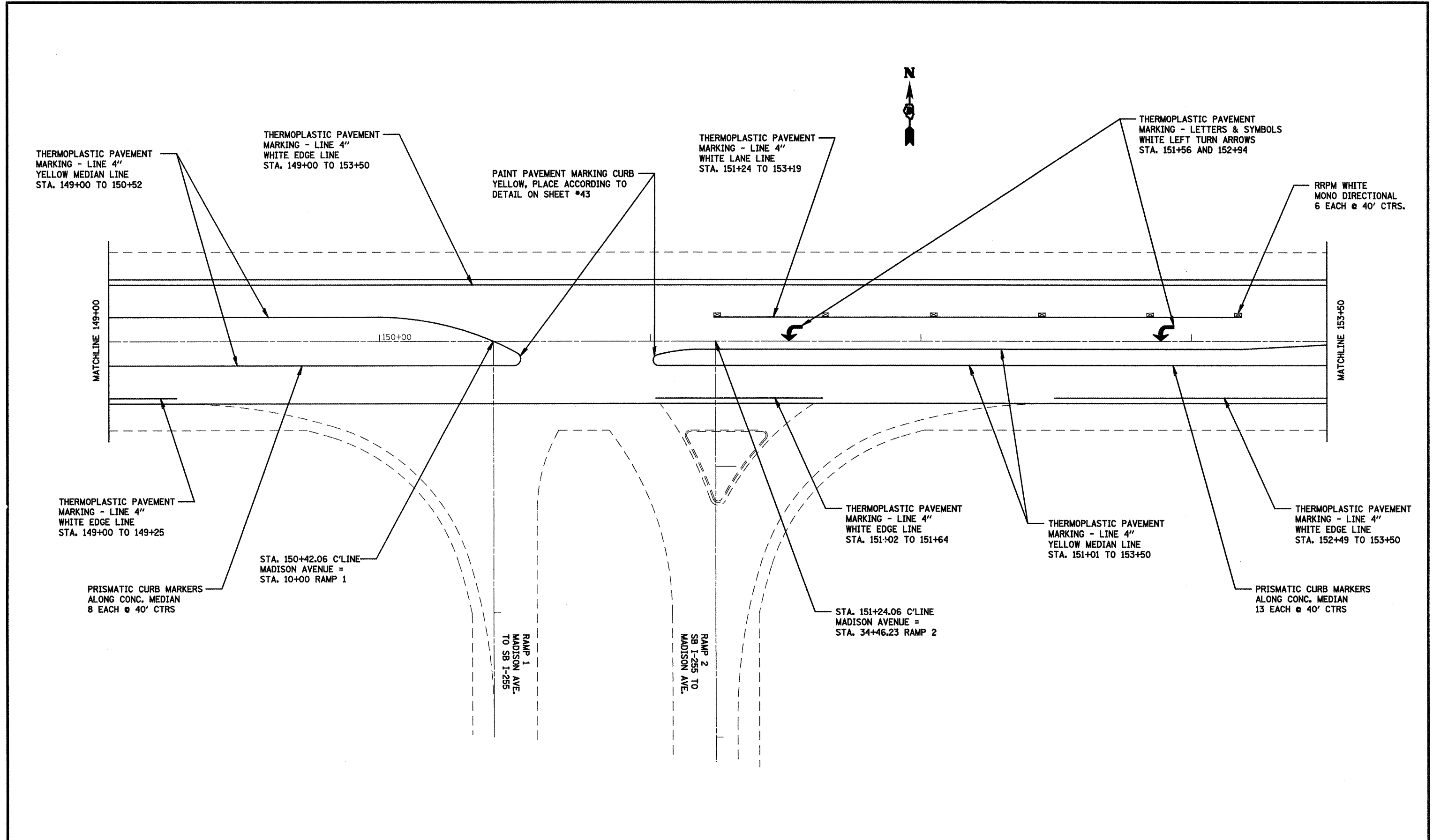
THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
WHITE EDGE LINE
STA. 144+50 TO 149+00

THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
YELLOW MEDIAN LINE
STA. 145+05 TO 149+00

PRISMATIC CURB MARKERS
ALONG CONC. MEDIAN
20 EACH @ 40' CTRS

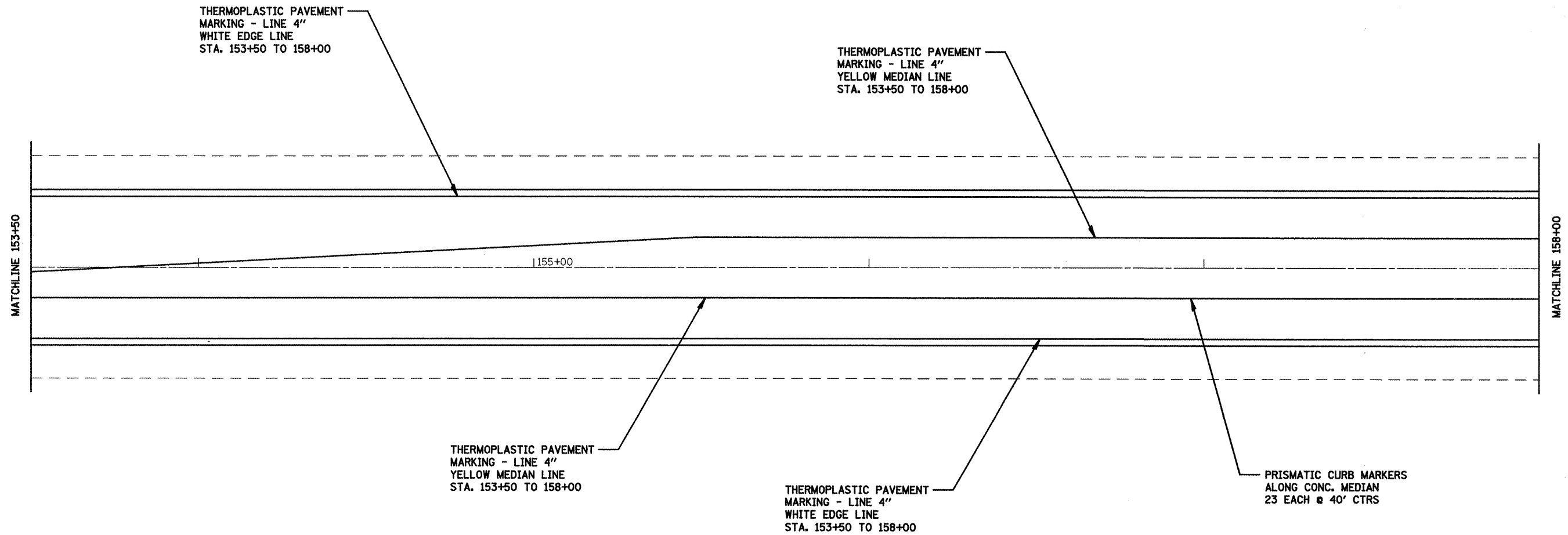
NOT TO SCALE

FILE NAME =	USER NAME = waterslo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw_work\PWIDOT\WATERSLE\d0175033\d8	6d83-shr-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	35	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			SCALE: _____ SHEET NO. 4 OF 12 SHEETS STA. _____ TO STA. _____		CONTRACT NO. 76D83			
	PLOT DATE = 3/12/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					



NOT TO SCALE

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pw\work\PM\DOT\WATERSLE\d8175833\d8	6d83-shr-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 5 OF 12 SHEETS	STA. TO STA.	VAR. DIST. 8 RESURF. 2010-5	MADISON	57	36
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 76063						
	PLOT DATE = 3/12/2010	DATE -	REVISED -		FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT						



NOT TO SCALE

FILE NAME =
c:\pwork\pwork\WATERSLE\d8175033\d81

USER NAME = waterale
6d83*sh1-plan.dgn
PLOT SCALE = 100.0000 ' / IN.
PLOT DATE = 3/12/2010

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN VIEW (LOCATION #2)

SCALE: SHEET NO. 6 OF 12 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	37

CONTRACT NO. 76083

FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT



THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
WHITE EDGE LINE
STA. 158+00 TO 162+50

THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
YELLOW MEDIAN LINE
STA. 158+00 TO 162+50

MATCHLINE 158+00

MATCHLINE 162+50

1160+00

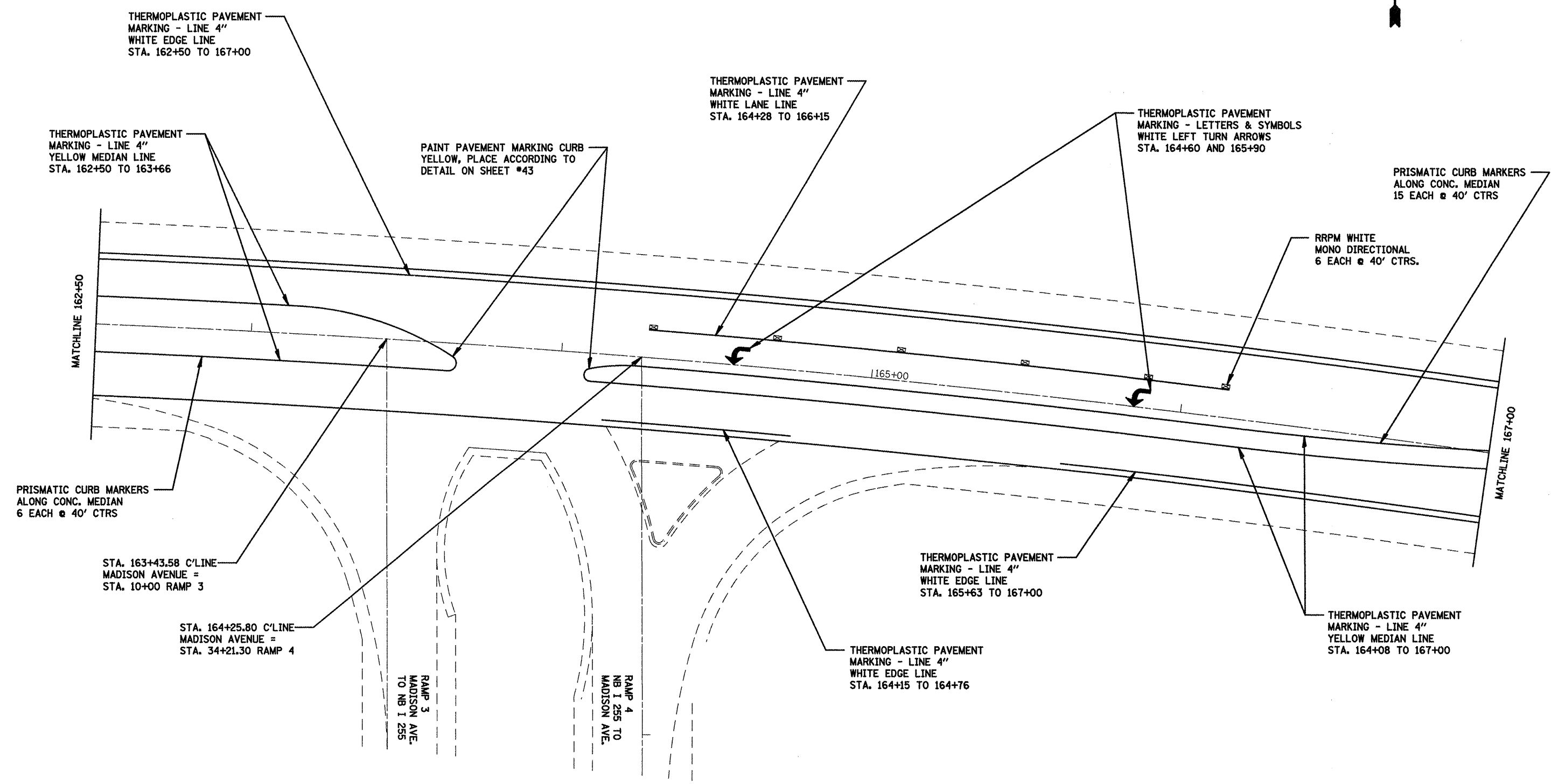
THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
YELLOW MEDIAN LINE
STA. 158+00 TO 162+50

PRISMATIC CURB MARKERS
ALONG CONC. MEDIAN
23 EACH @ 40' CTRS

THERMOPLASTIC PAVEMENT
MARKING - LINE 4"
WHITE EDGE LINE
STA. 158+00 TO 162+50

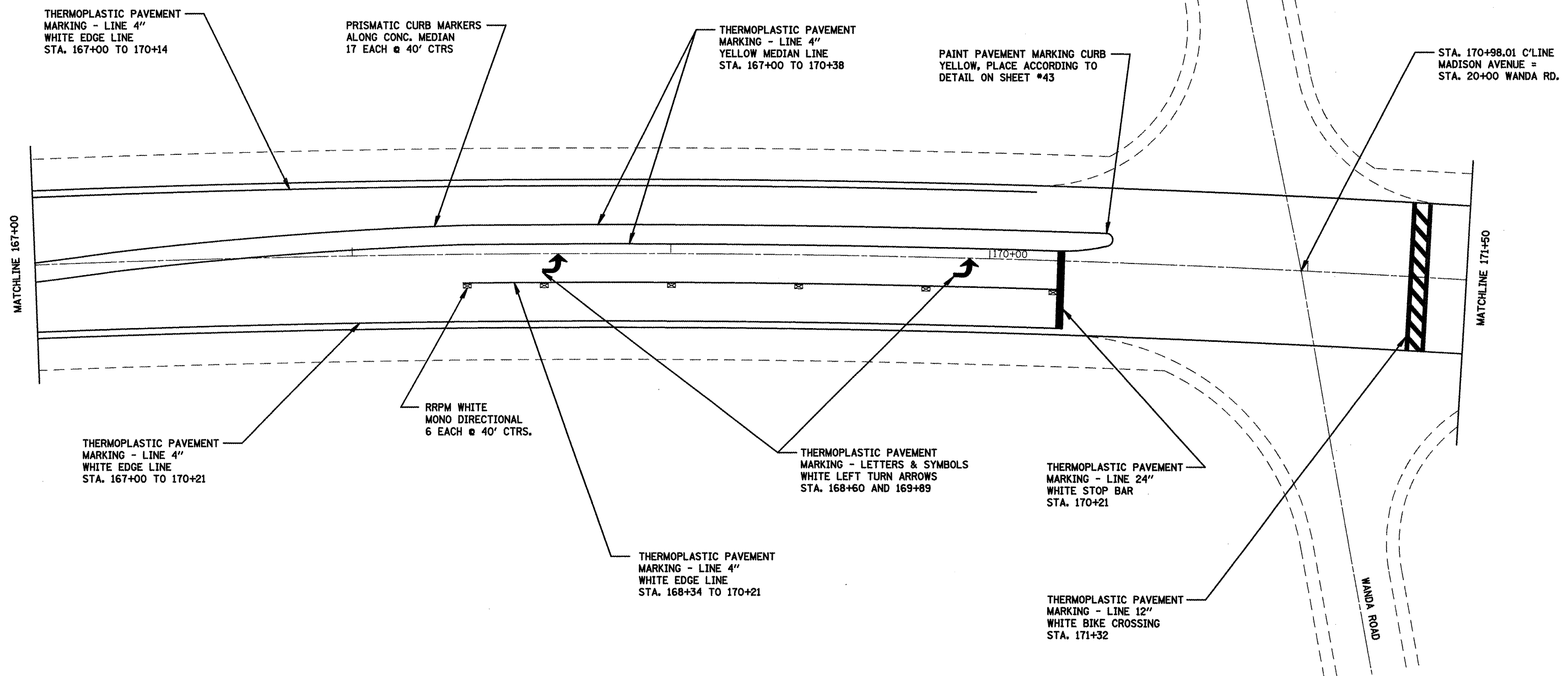
NOT TO SCALE

FILE NAME = c:\pwork\VPWID01\WATERSLE\d8175833\d8	USER NAME = watersle 6d83-eh1-plan.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	38	
	PLOT DATE = 3/12/2010	DATE -	REVISED -			CONTRACT NO. 76D63					
						SCALE: _____	SHEET NO. 7 OF 12 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT		



NOT TO SCALE

FILE NAME =	USER NAME = wotersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr\pwork\PWIDOT\WATERSLE\d0175033\d08	6d83-ahtr-plan.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 8 OF 12 SHEETS	STA. _____ TO STA. _____	VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	39
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -		CONTRACT NO. 76083							
	PLOT DATE = 3/12/2010	DATE -	REVISED -		FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT							



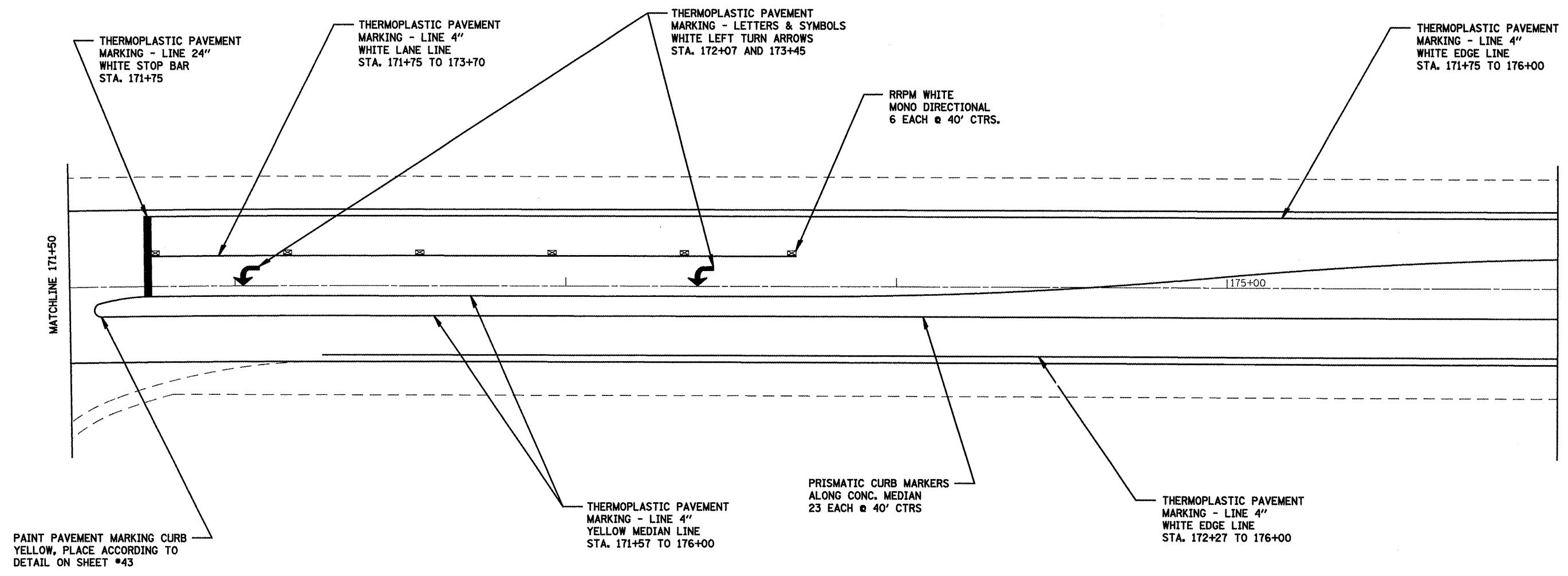
NOT TO SCALE

FILE NAME =	USER NAME = waterale	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/12/2010	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

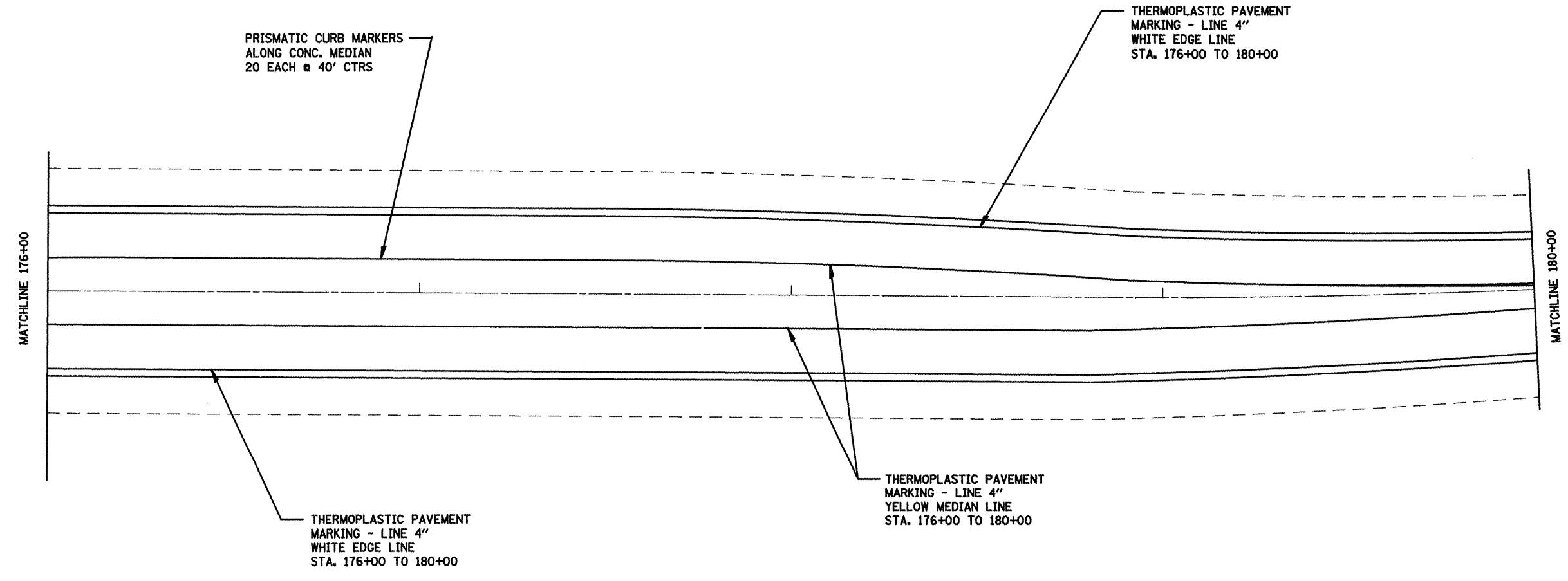
PLAN VIEW (LOCATION #2)	
SCALE:	SHEET NO. 9 OF 12 SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	40
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT			CONTRACT NO. 76083	



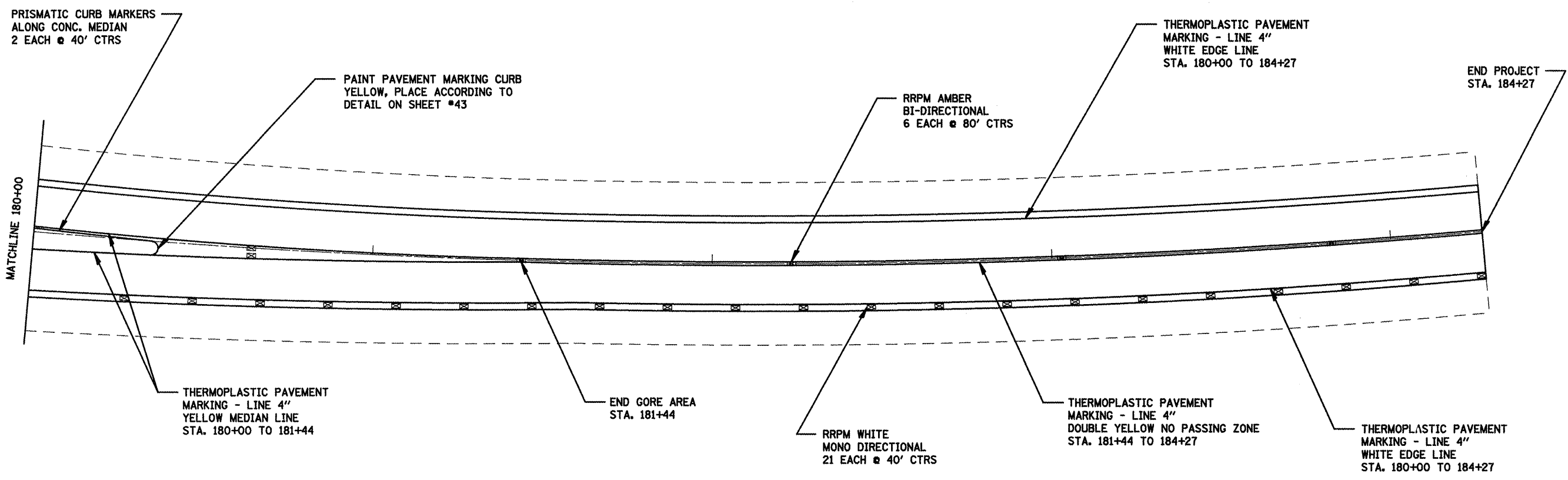
NOT TO SCALE

FILE NAME =	USER NAME = waterslo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pw\work\PWIDOT\WATERSLEV\0175033\08	6d83-shr-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	41	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76083					
	PLOT DATE = 3/12/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					



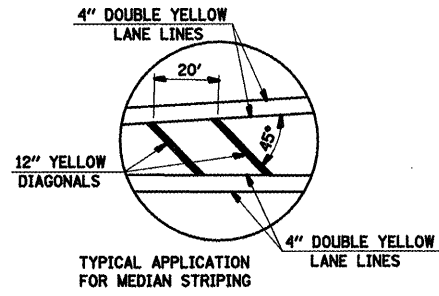
NOT TO SCALE

FILE NAME =	USER NAME = waterslo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN VIEW (LOCATION #2)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci\pwork\FWIDOT\WATERSLE\d0175033\d8	6d83-shr-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	42	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76083					
	PLOT DATE = 3/12/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					
				SCALE: _____ SHEET NO. 11 OF 12 SHEETS STA. _____ TO STA. _____							

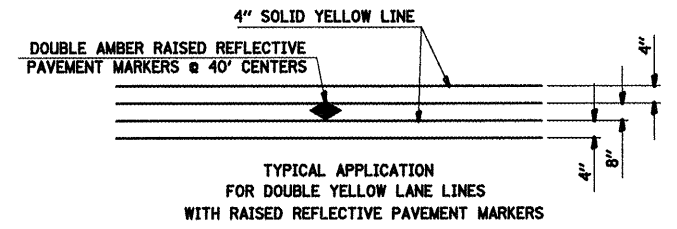


NOT TO SCALE

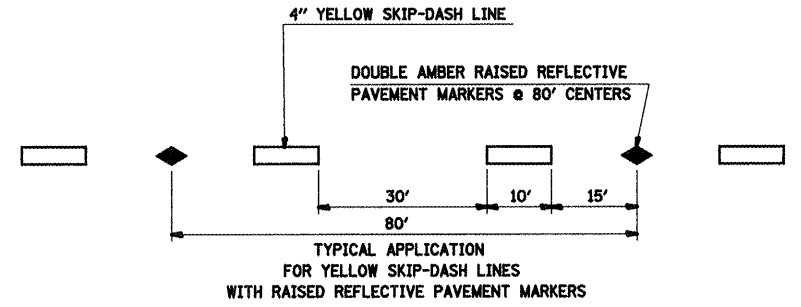
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ct\pwwork\PWIDOT\WATERSLE\d0175033\d8	6d83-shr-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	43	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76D83					
	PLOT DATE = 3/12/2018	DATE -	REVISED -			FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT					



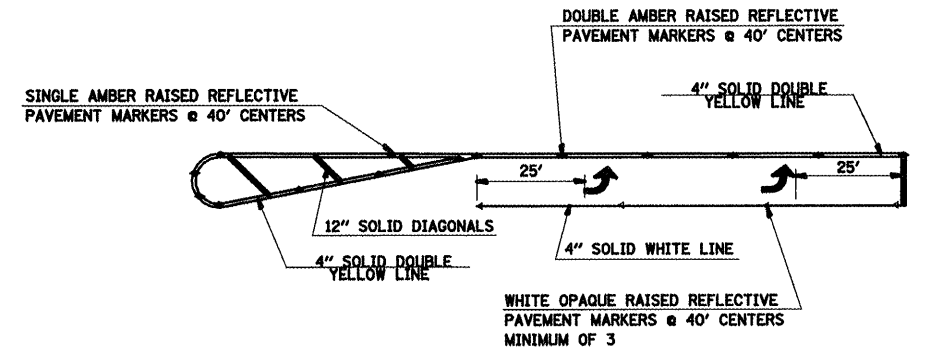
DETAIL 'A'
NOT TO SCALE



DETAIL 'B'

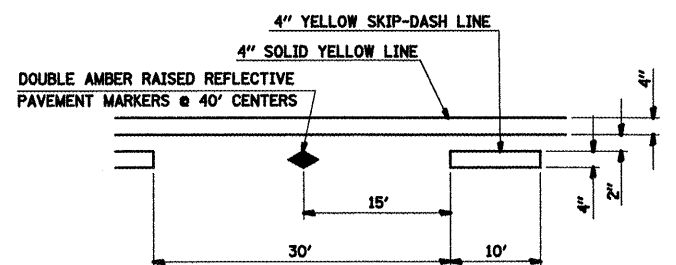


DETAIL 'C'



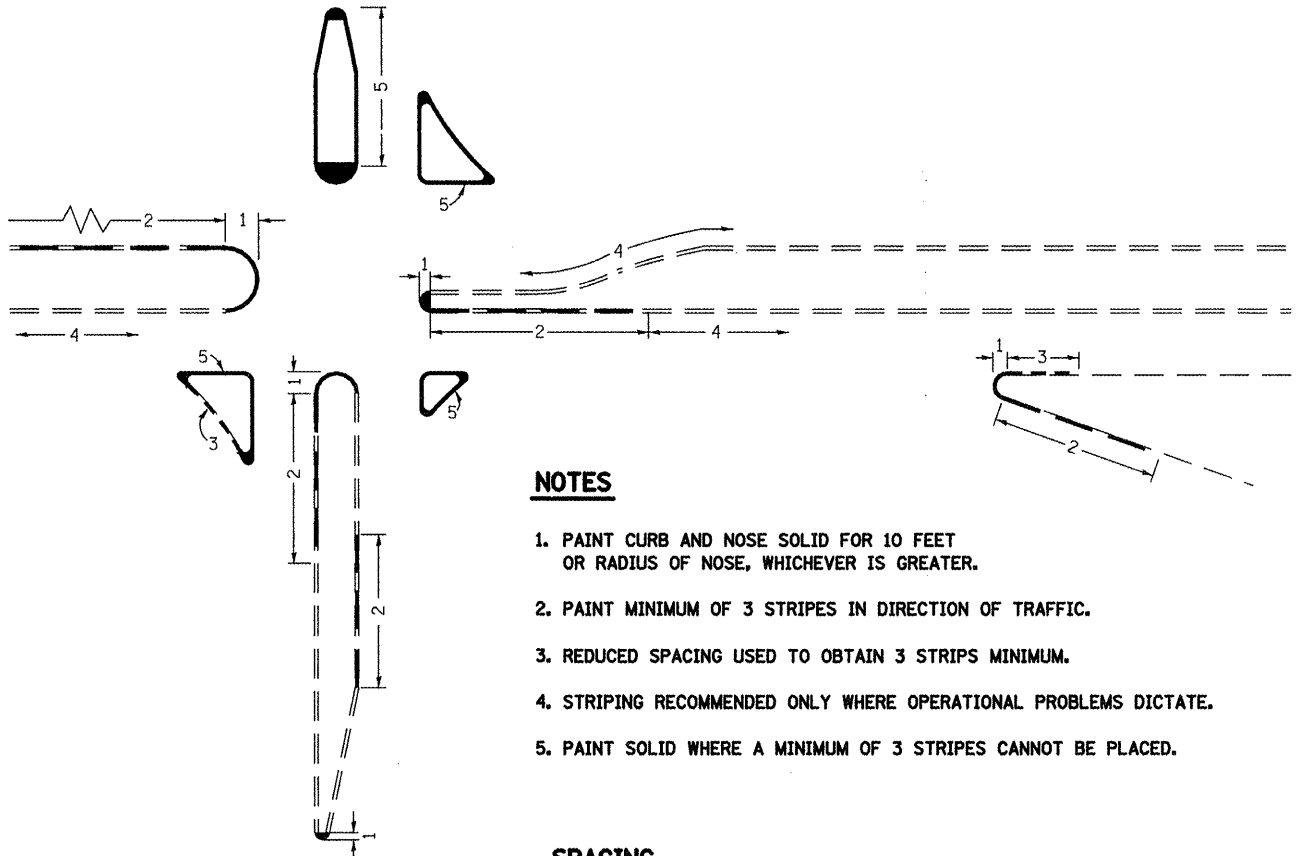
TYPICAL APPLICATION FOR LEFT TURN LANE WITH RAISED REFLECTIVE PAVEMENT MARKERS

DETAIL 'E'



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

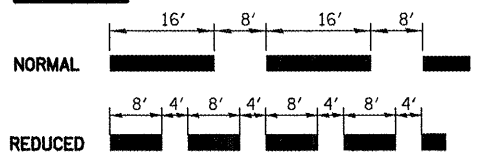
DETAIL 'D'



NOTES

1. PAINT CURB AND NOSE SOLID FOR 10 FEET OR RADIUS OF NOSE, WHICHEVER IS GREATER.
2. PAINT MINIMUM OF 3 STRIPES IN DIRECTION OF TRAFFIC.
3. REDUCED SPACING USED TO OBTAIN 3 STRIPS MINIMUM.
4. STRIPING RECOMMENDED ONLY WHERE OPERATIONAL PROBLEMS DICTATE.
5. PAINT SOLID WHERE A MINIMUM OF 3 STRIPES CANNOT BE PLACED.

SPACING



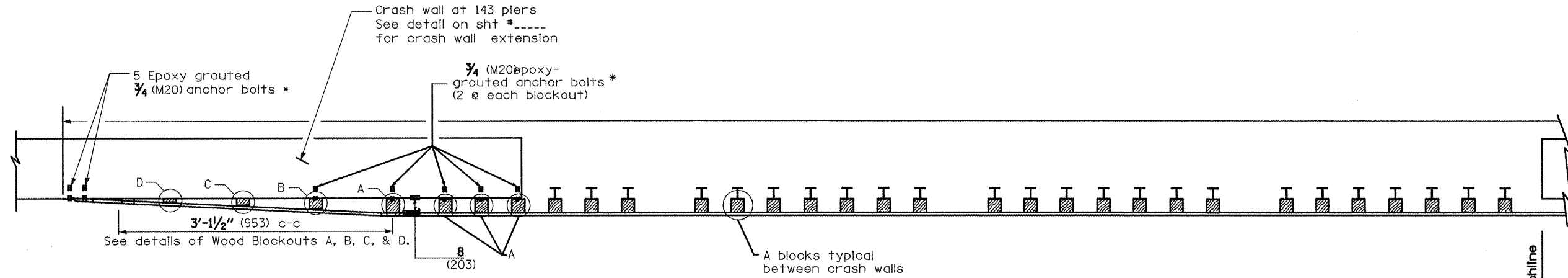
CURB MARKING

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -
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	PLOT DATE = 3/12/2010	DATE -	REVISED -

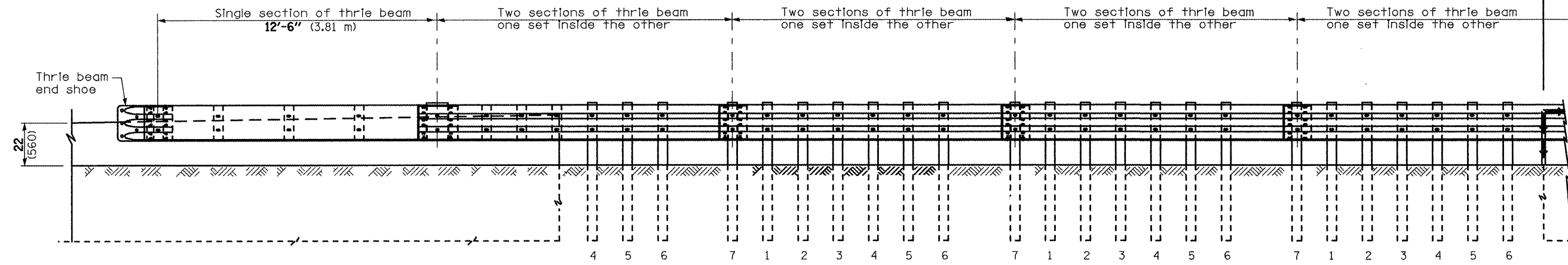
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING DETAILS	
SCALE: _____	SHEET NO. 1 OF 1 SHEETS
STA. _____	TO STA. _____

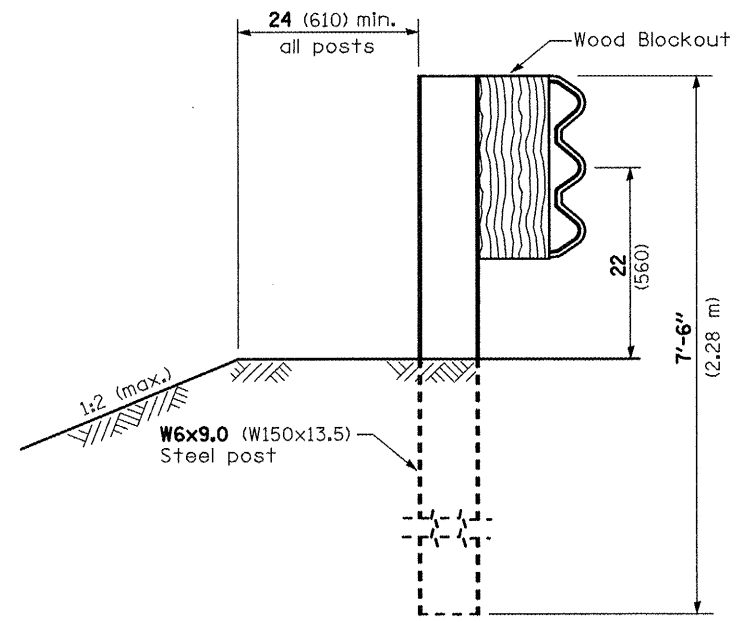
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	44
CONTRACT NO. 76083				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				



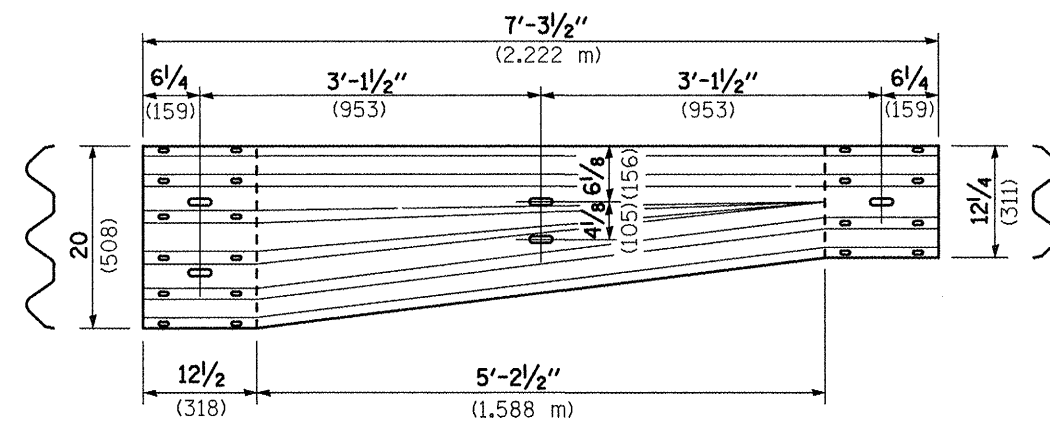
PLAN



ELEVATION EAST SIDE OF SIUE



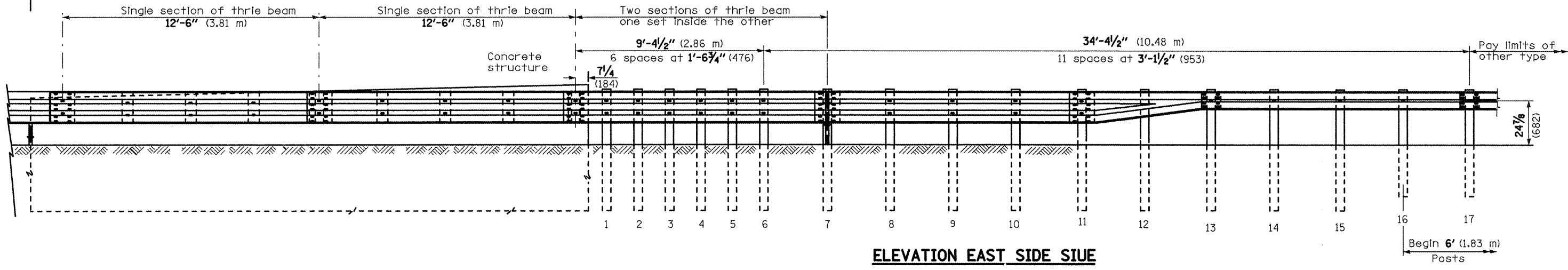
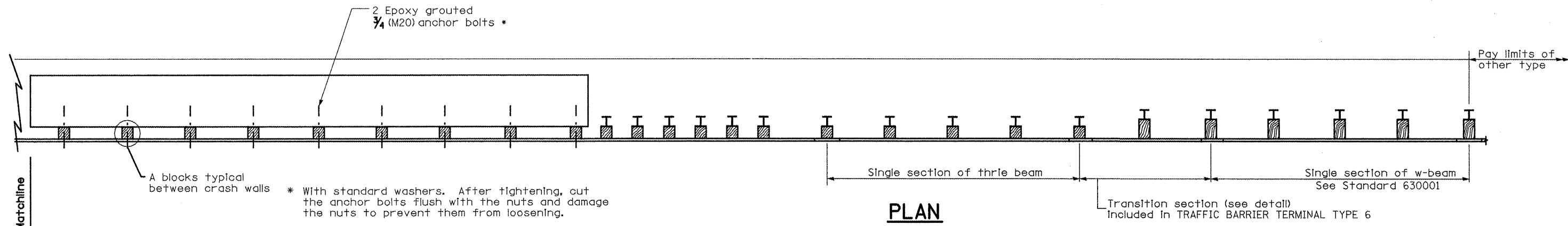
SECTION A-A



TRANSITION SECTION
(10 gauge (3.4) roll element)

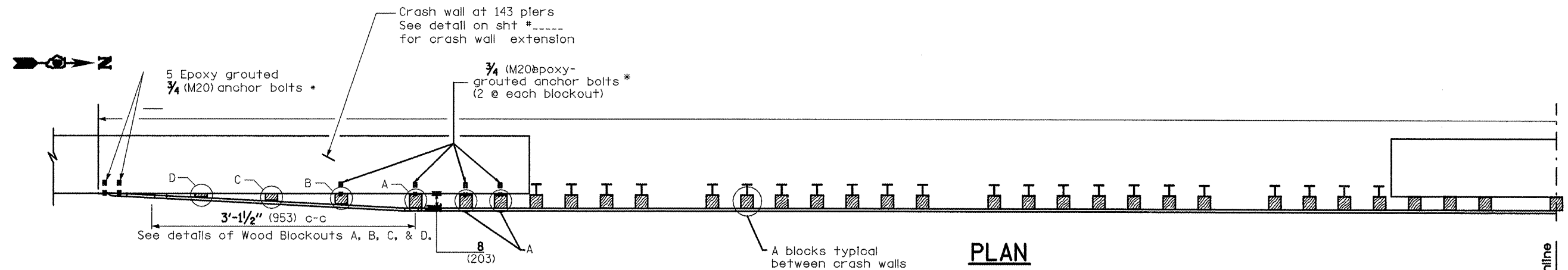
NOT TO SCALE

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS (LOCATION #1 - TBT TY 6B (SPECIAL))	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca\pwork\PIWIDOT\WATERSLE\d8175833\d8	6d83-sht-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	45	
PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 76063					
PLOT DATE = 3/12/2010	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					

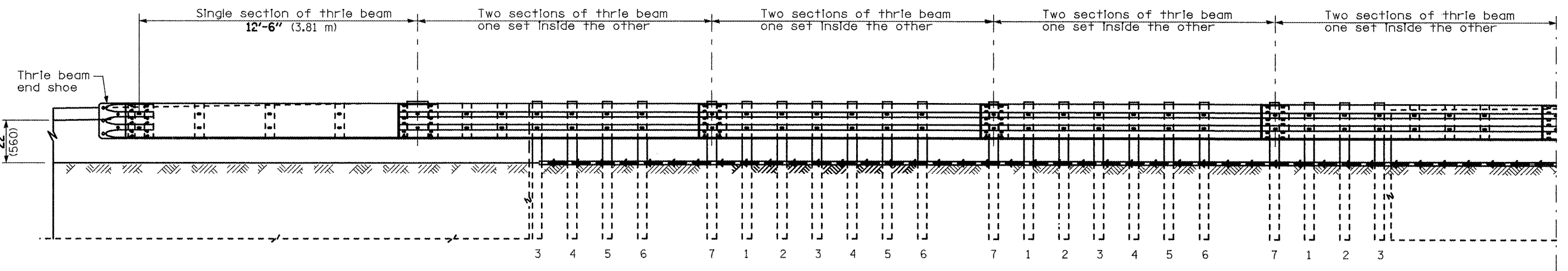


NOT TO SCALE

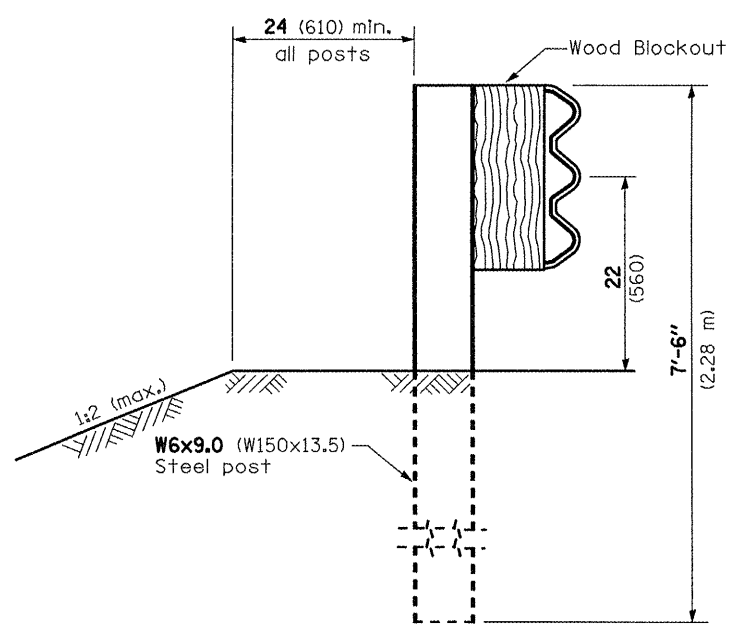
FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS (LOCATION #1 - TBT TY 6B (SPECIAL))	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwidot\WATERSLE\d8175033\d8	6483-ah-plain.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	46	
	PLOT SCALE = 100,0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76083					
	PLOT DATE = 3/12/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT					



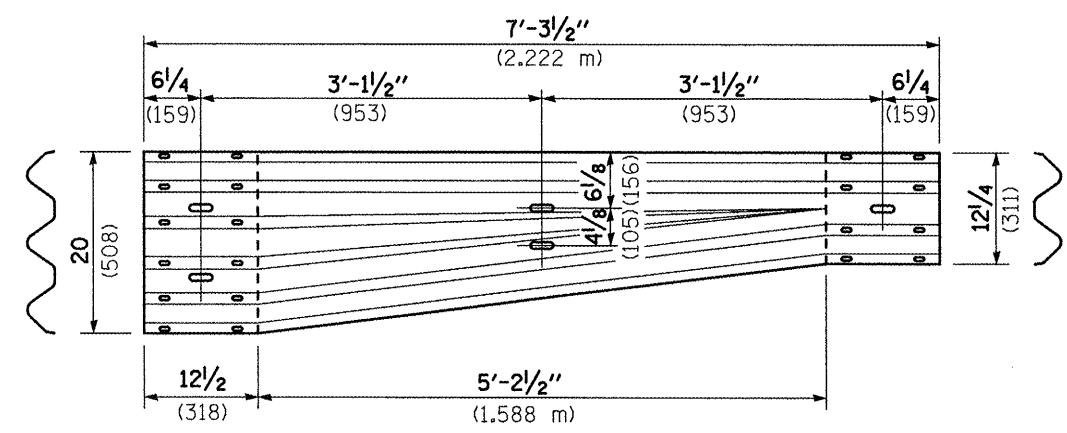
PLAN



ELEVATION WEST SIDE SUE



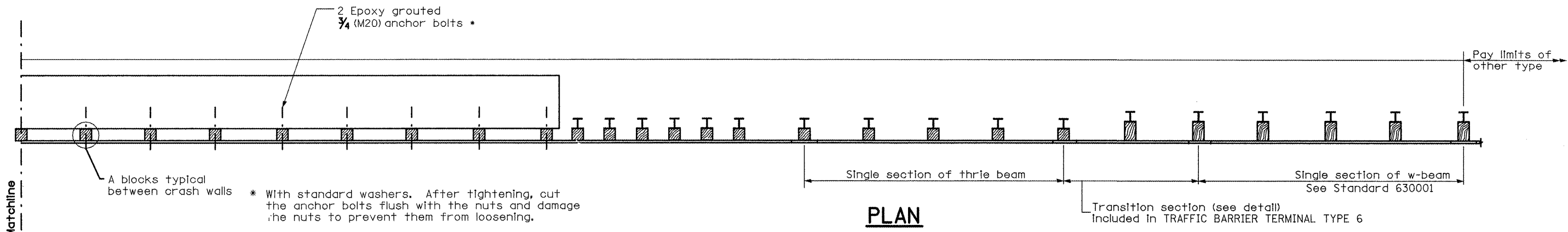
SECTION A-A



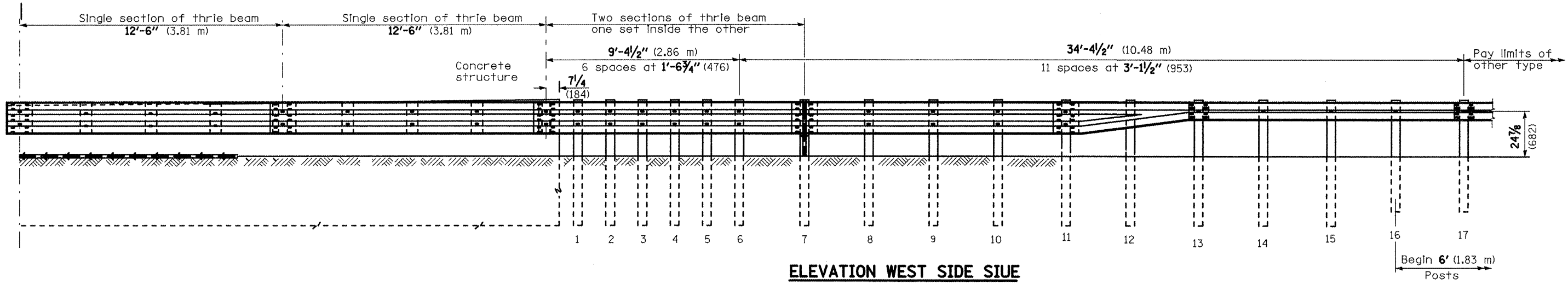
TRANSITION SECTION
(10 gauge (3.4) rail element)

NOT TO SCALE

FILE NAME =	USER NAME = watersle	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS (LOCATION #1 - TBT TY 6B (SPECIAL))	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
6d83-shr-plan.dgn	6d83-shr-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	47	
PLOT SCALE = 1/8" = 1' IN.		CHECKED -	REVISED -			SCALE: _____ SHEET NO. 3 OF 8 SHEETS STA. _____ TO STA. _____		CONTRACT NO. 76083			
PLOT DATE = 3/12/2010		DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					



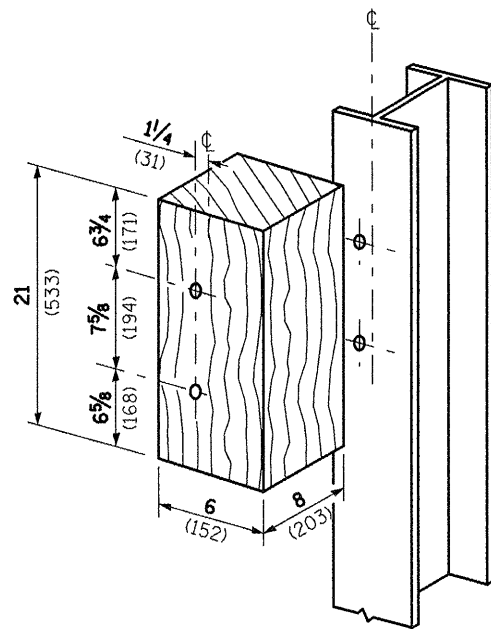
PLAN



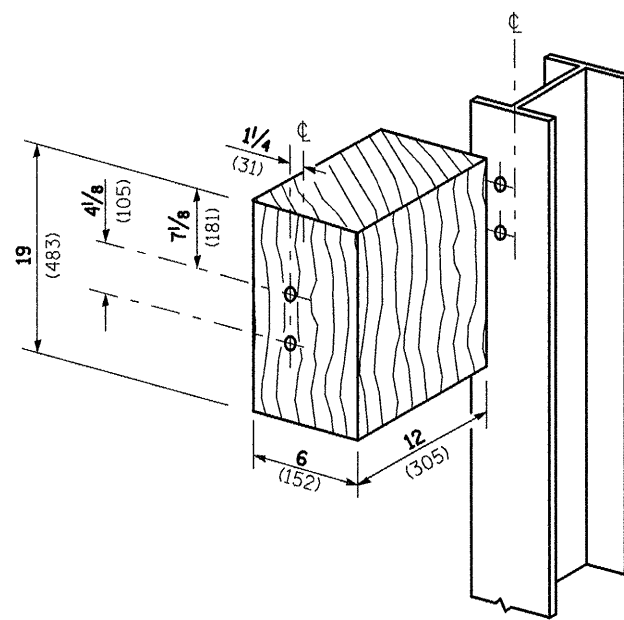
ELEVATION WEST SIDE SUE

NOT TO SCALE

FILE NAME =	USER NAME = waterale	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS (LOCATION #1 - TBT TY 6S (SPECIAL))	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr\pwork\PWIDOT\WATERSLE\d8175033\48	6d83-aht-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	48	
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76083					
	PLOT DATE = 3/12/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					

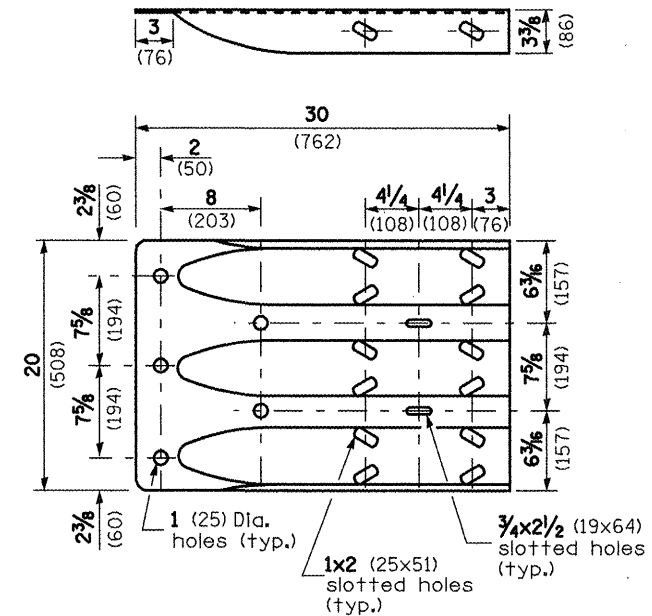


POSTS 1-11 WOOD BLOCKOUT DETAIL

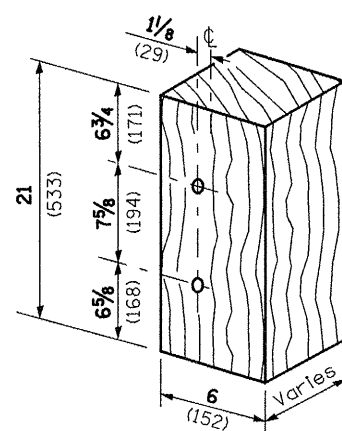


POST 12 WOOD BLOCKOUT DETAIL

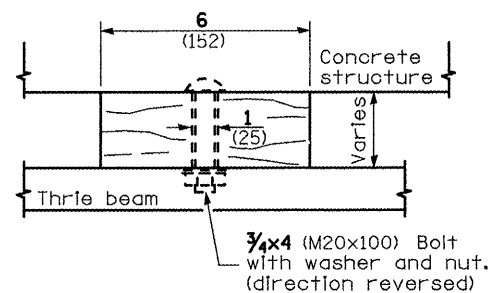
(See Standard 630001 for post 13-17 blockouts.)



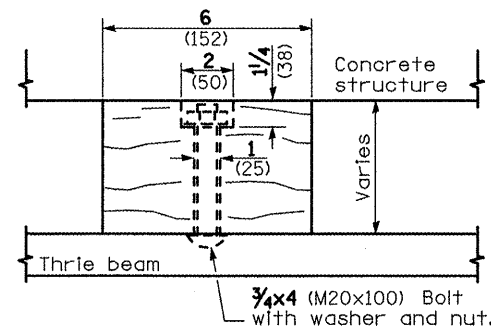
THRIE BEAM END SHOE DETAIL



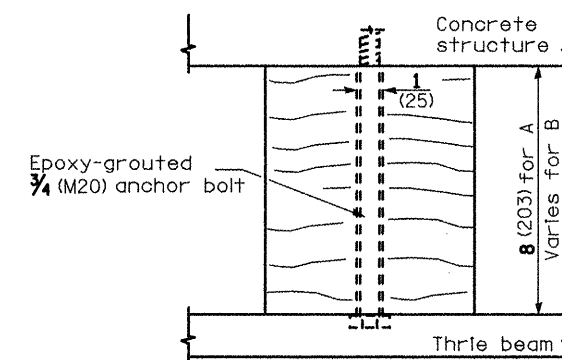
**MODIFIED THICKNESS DETAIL
WOOD BLOCKOUTS A, B, C, & D**



WOOD BLOCKOUT D



WOOD BLOCKOUT C



WOOD BLOCKOUT A & B

NOT TO SCALE

FILE NAME =
c:\pw\work\PWIDOT\WATERSLE\d8175033\d8

USER NAME = watersle
6d83-shr-plandgn
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 3/12/2010

DESIGNED -
DRAWN -
CHECKED -
DATE -

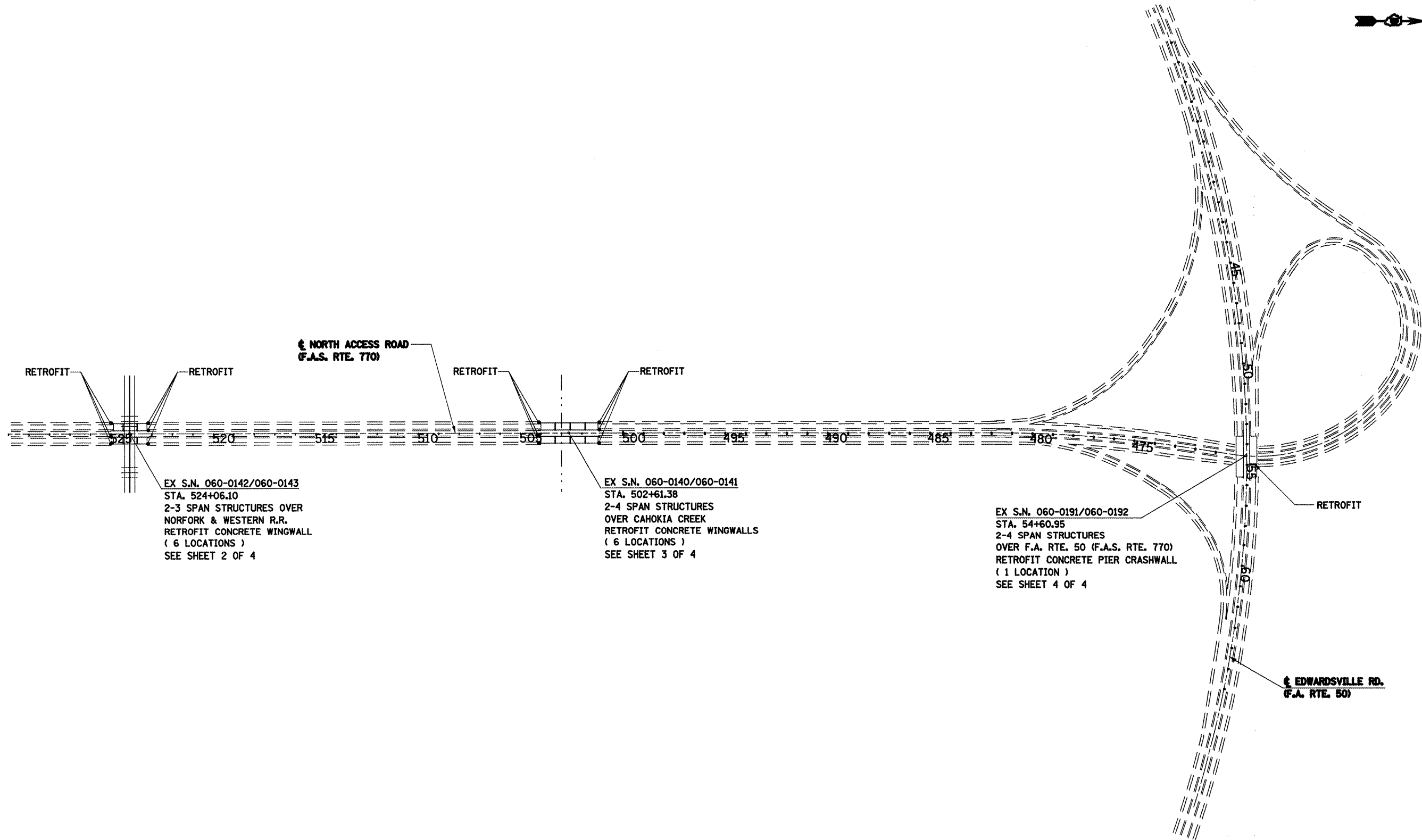
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GUARDRAIL DETAILS (LOCATION #1)

SCALE: SHEET NO. 5 OF 8 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	49
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT			CONTRACT NO. 76083	



EX S.N. 060-0142/060-0143
 STA. 524+06.10
 2-3 SPAN STRUCTURES OVER
 NORFORK & WESTERN R.R.
 RETROFIT CONCRETE WINGWALL
 (6 LOCATIONS)
 SEE SHEET 2 OF 4

EX S.N. 060-0140/060-0141
 STA. 502+61.38
 2-4 SPAN STRUCTURES
 OVER CAHOKIA CREEK
 RETROFIT CONCRETE WINGWALLS
 (6 LOCATIONS)
 SEE SHEET 3 OF 4

EX S.N. 060-0191/060-0192
 STA. 54+60.95
 2-4 SPAN STRUCTURES
 OVER F.A. RTE. 50 (F.A.S. RTE. 770)
 RETROFIT CONCRETE PIER CRASHWALL
 (1 LOCATION)
 SEE SHEET 4 OF 4

FILE NAME =
 c:\pwwork\FWIDOT\WATERSLE\d0175033\d8

USER NAME = watersle
 6d83-shr-plan.dgn
 PLOT SCALE = 100.0000 ' / IN.
 PLOT DATE = 3/12/2010

DESIGNED -	-----	REVISED -	----
DRAWN -	-----	REVISED -	----
CHECKED -	-----	REVISED -	----
DATE -	-----	REVISED -	----

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

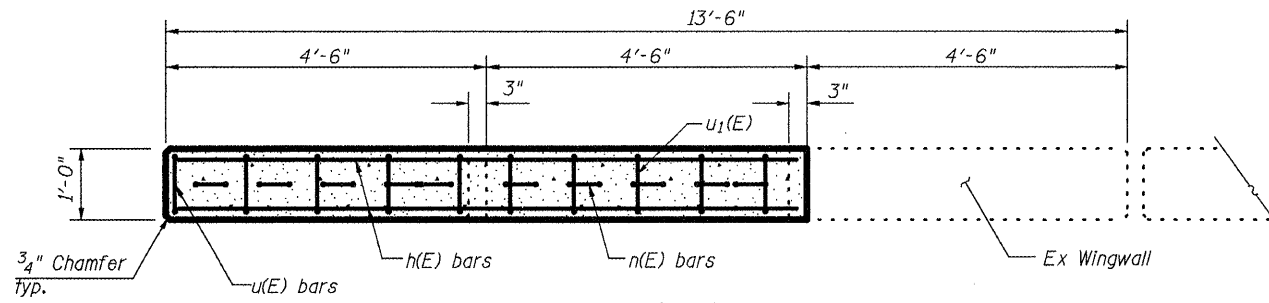
STRUCTURE LOCATIONS	
SCALE: _____	SHEET NO. 1 OF 4 SHEETS
STA. _____	TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	50
CONTRACT NO. 76063				
FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT				

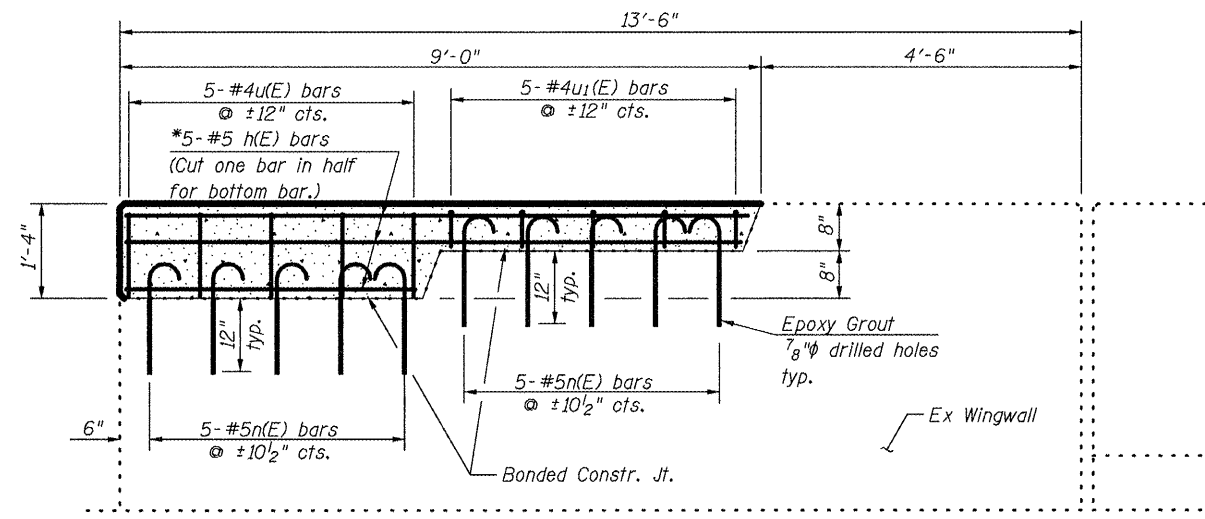
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions
Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
Epoxy Grouting to be done in accordance with Art. 584 of the Standard Specifications. Cost included with Reinforcement Bars (Epoxy Coated).
Class BS Concrete shall be used for all wingwall concrete.
All Exposed edges shall be Chamfered 3/4".

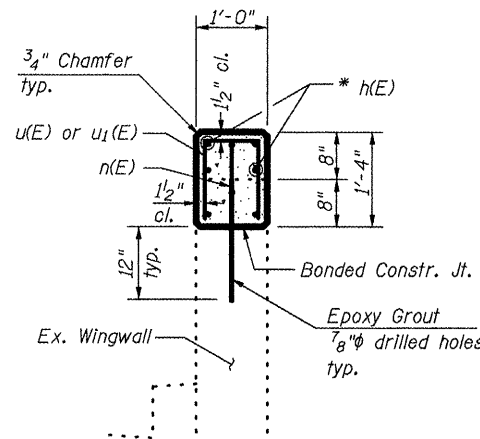


PLAN

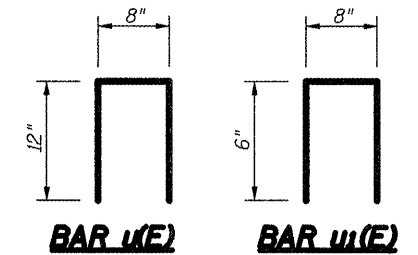


ELEVATION

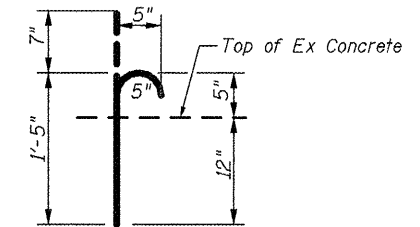
* - cut h(E) bars to fit - both faces



END SECTION



BAR u(E) BAR u1(E)



BAR n(E)

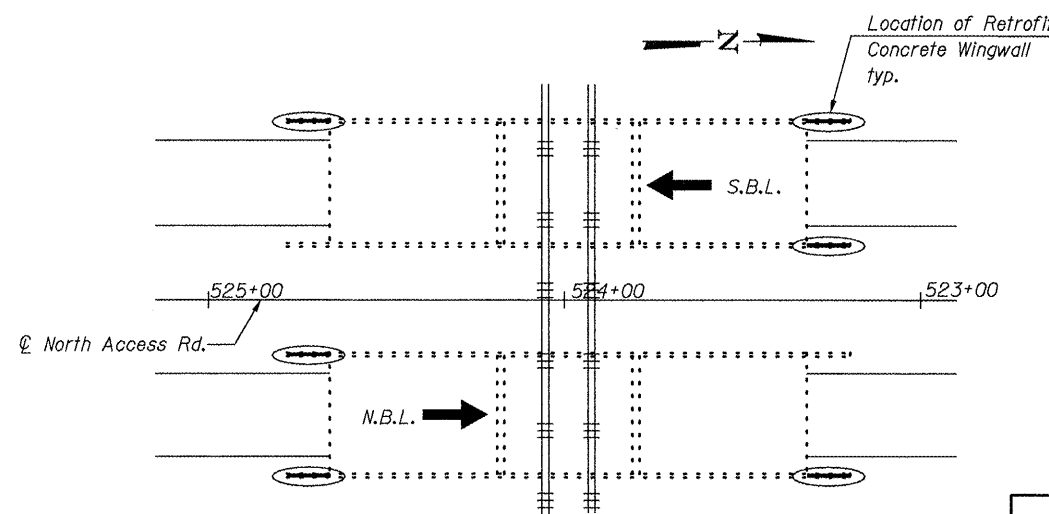
BILL OF MATERIALS

(For 6 Wingwalls)

BAR NO.	SIZE	LENGTH	SHAPE
h(E)	30 #5	8'-7"	—
n(E)	60 #5	2'-0"	⌋
u(E)	30 #4	2'-8"	≡
u1(E)	30 #4	1'-8"	≡
Reinforcement Bars, Epoxy Coated	Pounds	490	
Concrete Structures	Cu. Yd.	2.0	

NOTE

Existing surfaces adjacent to new concrete shall be cleaned by sandblasting and all loose or deteriorated concrete shall be removed prior to forming and pouring new concrete. Cost included in Concrete Structures.



LOCATION SKETCH

RETROFIT CONCRETE WINGWALL
F.A.S. RTE. 770 OVER NORFOLK & WESTERN R.R.
SEC. DISTRICT 8 RESURFACING 2010-5
MADISON COUNTY
STATION 524+06.10
S.N. 060-0142 & 060-0143

David Booher, Illinois S.E. 081-004775 Date
Expires 11-30-2010

DESIGNED	DRB
CHECKED	-
DRAWN	THW
CHECKED	-



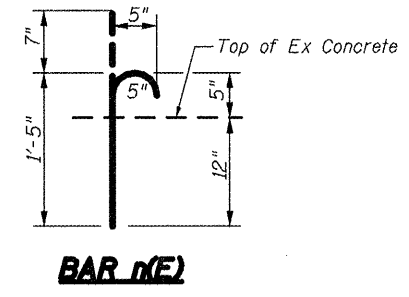
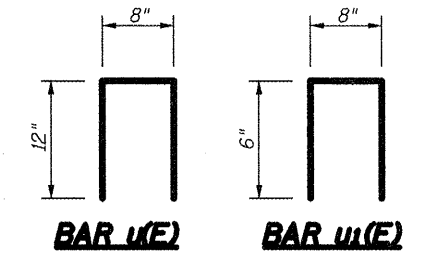
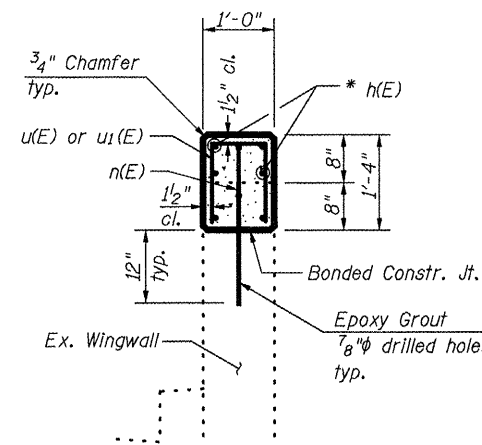
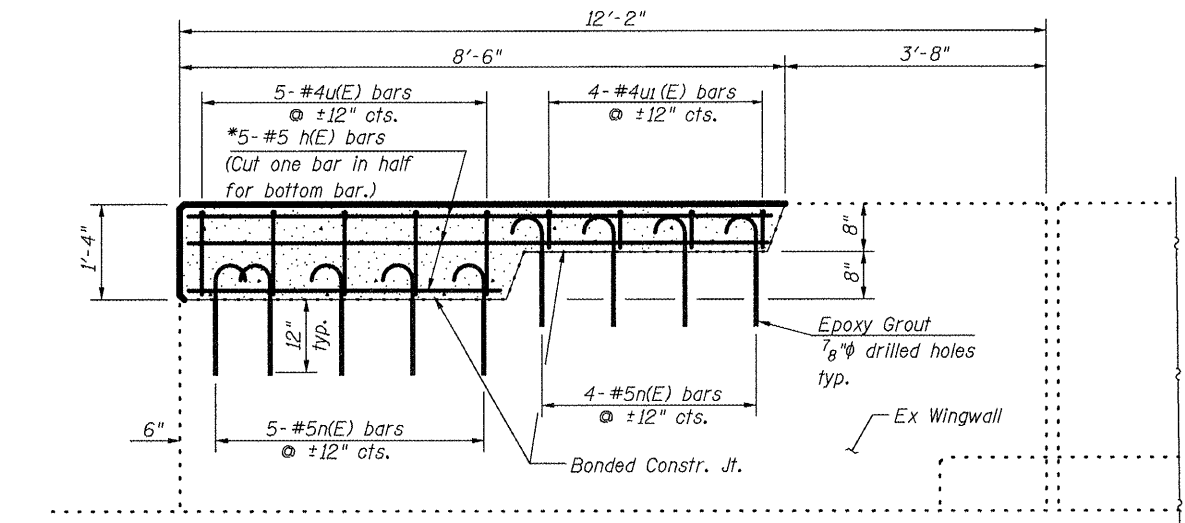
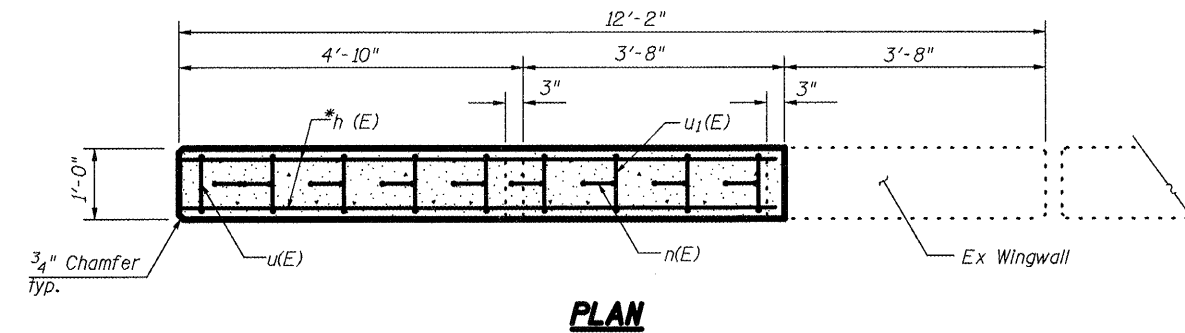
IE CONSULTANTS, INC
6420 SOUTH SIXTH STREET
SPRINGFIELD, ILLINOIS 62712
TEL. (217) 529-8027
FAX (217) 529-4543
IESPRINGFIELD@IE-CONSULTANTS.COM
WWW.IE-CONSULTANTS.COM

SHEET NO. 2 OF 4 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	VARIOUS	DISTRICT 8 RESURFACING 2010-5	MADISON	57	51
CONTRACT NO. 76D83			ILLINOIS FED. AID PROJECT		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions
Reinforcement bars designated (E) shall be epoxy coated.
Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
Epoxy Grouting to be done in accordance with Art. 584 of the Standard Specifications. Cost included with Reinforcement Bars (Epoxy Coated).
Class BS Concrete shall be used for all wingwall concrete.
All Exposed edges shall be Chamfered 3/4".



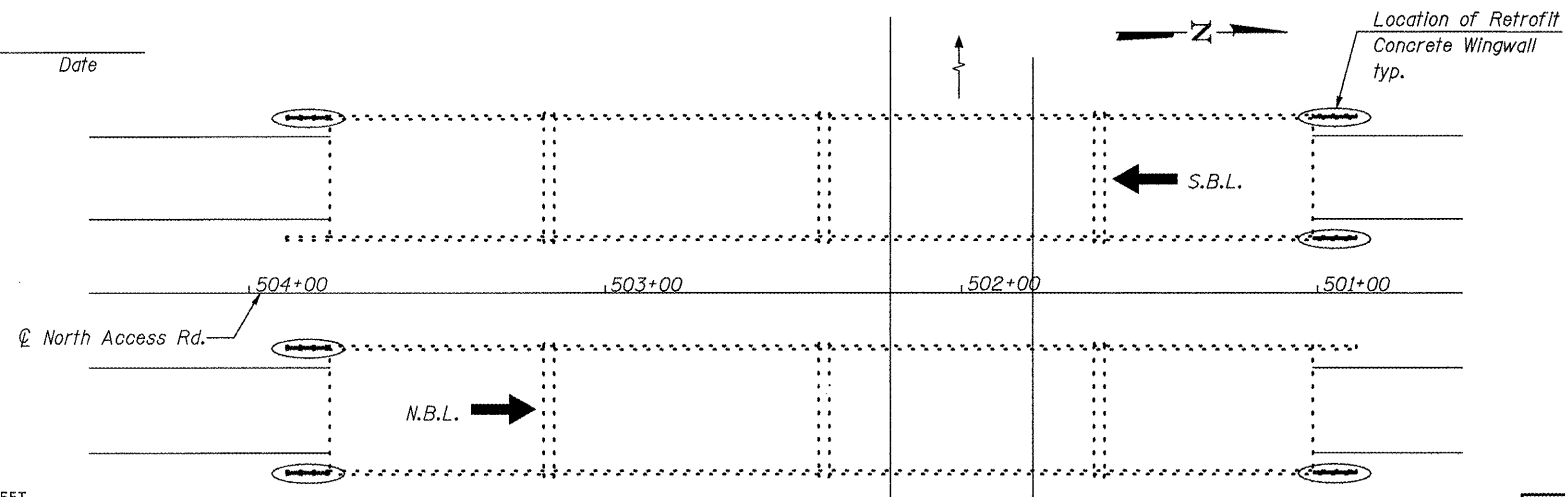
BILL OF MATERIALS

(For 6 Wingwalls)

BAR NO.	SIZE	LENGTH	SHAPE
h(E)	30 #5	8'-3"	—
n(E)	54 #5	2'-0"	┌
u(E)	30 #4	2'-8"	U
u1(E)	24 #4	1'-8"	U
Reinforcement Bars, Epoxy Coated	Pounds	460	
Concret Structures	Cu. Yd.	1.9	

* - cut h(E) bars to fit - both faces

David Booher, Illinois S.E. 081-004775 Date
Expires 11-30-2010



NOTE
Existing surfaces adjacent to new concrete shall be cleaned by sandblasting and all loose or deteriorated concrete shall be removed prior to forming and pouring new concrete. Cost included in Concrete Structures.

RETROFIT CONCRETE WING WALL
F.A.S. RTE. 770 OVER CAHOKIA CREEK
SEC. DISTRICT 8 RESURFACING 2010-5
MADISON COUNTY
STATION 502+61.38
S.N. 060-0140 & 060-0141

DESIGNED	DRB
CHECKED	-
DRAWN	THW
CHECKED	-

ie consultants
IE CONSULTANTS, INC
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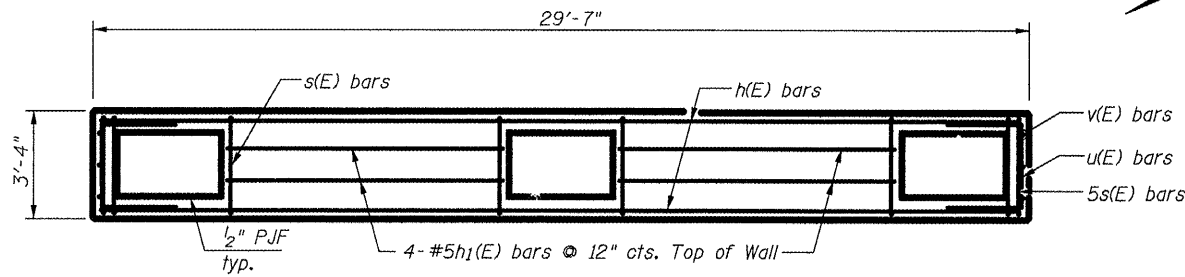
LOCATION SKETCH

SHEET NO. 3 OF 4 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	VARIOUS	DISTRICT 8 RESURFACING 2010-5	MADISON	57	52
CONTRACT NO. 76D83					
ILLINOIS FED. AID PROJECT					

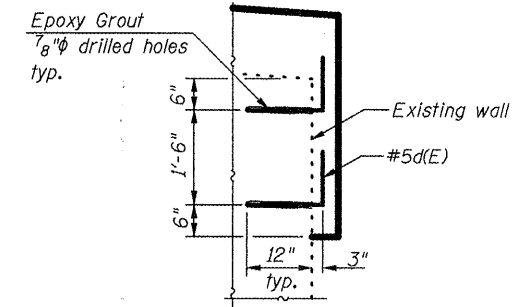
GENERAL NOTES

Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60. See Special Provisions
 Reinforcement bars designated (E) shall be epoxy coated.
 Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
 Epoxy Grouting to be done in accordance with Art. 584 of the Standard Specifications. Cost included with Reinforcement Bars (Epoxy Coated).
 Class SI Concrete shall be used for all pier concrete.
 All Exposed edges shall be Chamfered 3/4".

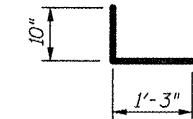
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**



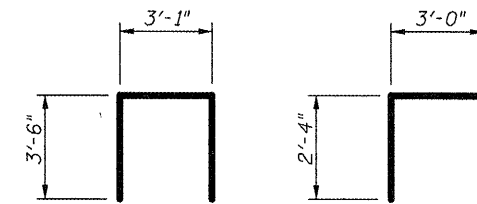
PLAN VIEW OF CRASHWALL



DETAIL A

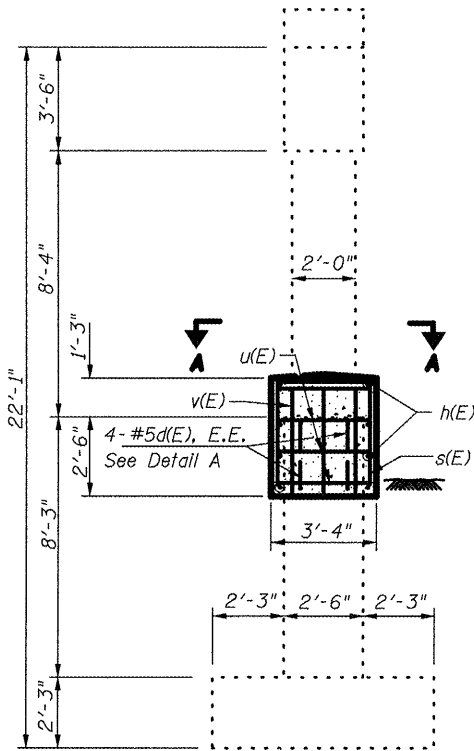


BAR d(E)

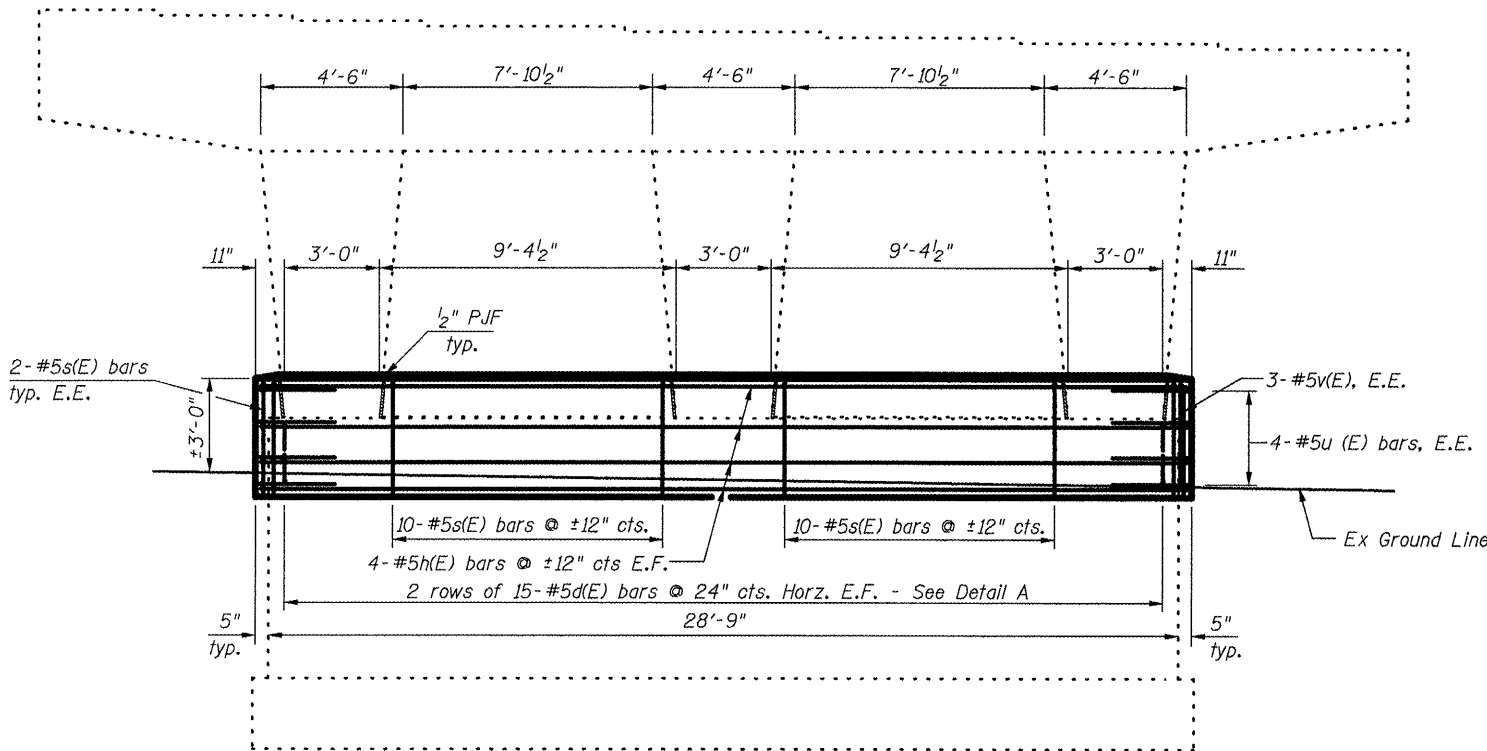


BAR s(E)

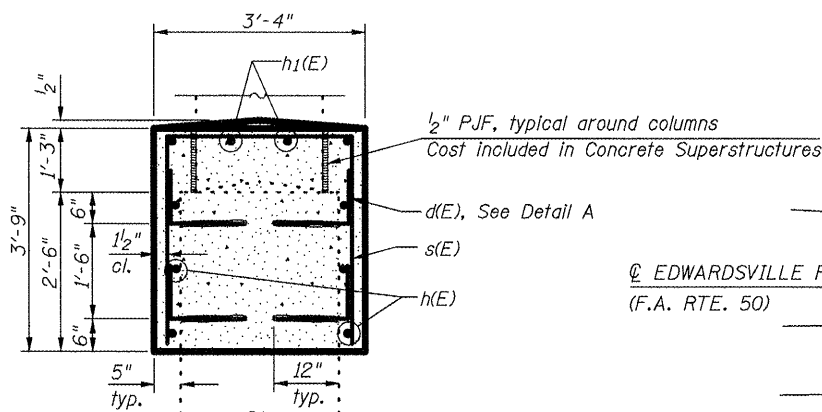
BAR u(E)



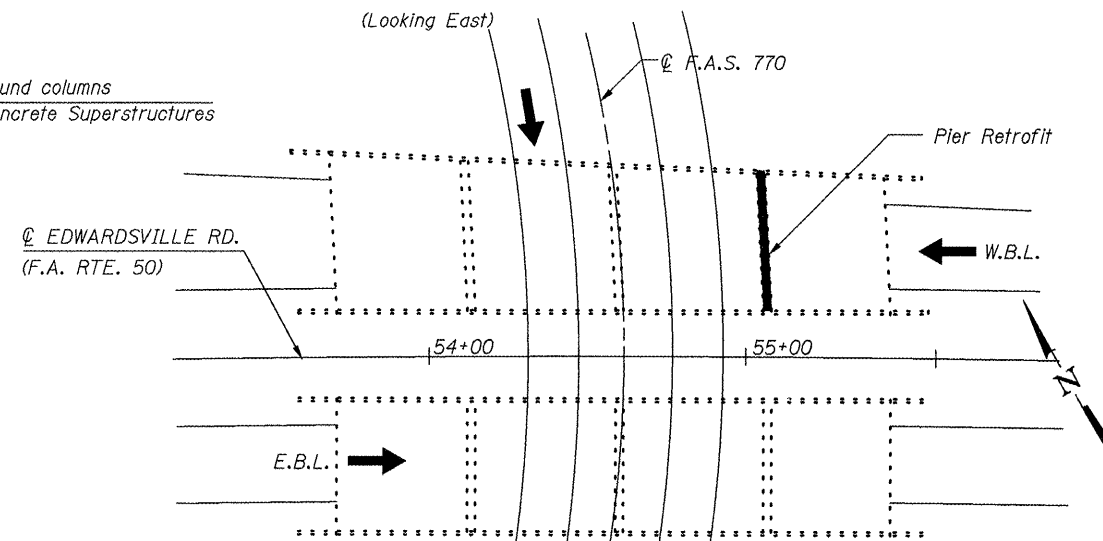
END VIEW



ELEVATION



SECTION A-A



LOCATION SKETCH

BILL OF MATERIALS

Bar No.	Size	Length	Shape
d(E)	68	#5	2'-1"
h(E)	8	#5	29'-4"
h1(E)	4	#5	8'-9"
s(E)	24	#5	10'-1"
u(E)	8	#5	7'-8"
v(E)	6	#5	3'-6"
Reinforcement Bars, Epoxy Coated			Pounds 770
Concrete Structures			Cu Yd 6.3

NOTE
 Existing surfaces adjacent to new concrete shall be cleaned by sandblasting and all loose or deteriorated concrete shall be removed prior to forming and pouring new concrete. Cost included in Concrete Structures.

MIN. BAR LAP
 #5 2'-2"

**RETROFIT CONCRETE PIER CRASHWALL
 F.A. RTE. 50 OVER F.A.S. RTE 770
 SECTION DISTRICT 8 RESURFACING 2010-5
 MADISON COUNTY
 STATION 54+60.95
 S.N. 060-0191/060-0192**

DESIGNED	DRB
CHECKED	-
DRAWN	THW
CHECKED	-



IE CONSULTANTS, INC
 6420 SOUTH SIXTH STREET
 SPRINGFIELD, ILLINOIS 62712
 TEL. (217) 529-8027
 FAX (217) 529-4543
 IESPRINGFIELD@IE-CONSULTANTS.COM
 WWW.IE-CONSULTANTS.COM

David Booher, Illinois S.E. 081-004775 Date
 Expires 11-30-2010

SHEET NO. 4 OF 4 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	VARIOUS	DISTRICT 8 RESURFACING 2010-5	MADISON	57	53
			CONTRACT NO. 76D83		
ILLINOIS FED. AID PROJECT					

ITEM	UNIT	TOTAL	HAWTHORNE
		QUANTITIES	
80598100 LOCATING UNDERGROUND CABLE	FOOT	30	30
88699600 DETECTOR LOOP REPLACEMENT	FOOT	1667	1667

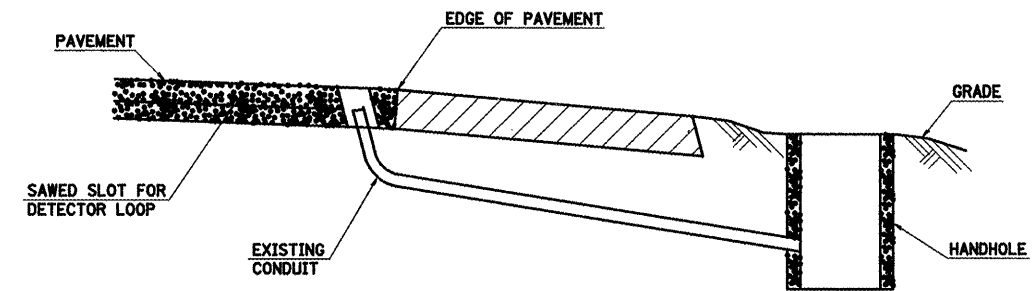
NOTES:

SEE TABLE "DETECTOR LOOP REQUIREMENTS AND CALCULATIONS" FOR LOOP SIZE AND CALCULATED NUMBER OF TURNS.

SEE "ELECTRICAL DETAIL" FOR INSTALLING DETECTOR LOOP WIRES IN EXISTING CONDUITS.

TRAFFIC SIGNALS LEGEND

EVPS	EMERGENCY VEHICLE PRIORITY SYSTEM
OSC	GALVANIZED STEEL CONDUIT
PVCC	POLYVINYL CHLORIDE CONDUIT
UD	UNIT-DUCT
○→	EXISTING SIGNAL POST
○→	EXISTING SIGNAL POST WITH BACKPLATE
○→	EXISTING TRAFFIC SIGNAL MAST ARM
■	EXISTING HANDHOLE
■	EXISTING DOUBLE HANDHOLE
■	EXISTING HEAVY DUTY HANDHOLE
■	EXISTING DETECTOR LOOP
■	EXISTING CONTROLLER
○→	EXISTING STREET NAME SIGN/TRAFFIC SIGN
□	EXISTING ILLUMINATED SIGN
□	EXISTING SERVICE INSTALLATION
○→	EXISTING EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
○→	EXISTING (E.V.P.S.) CONFIRMATION BEACON
○→	EXISTING SIGNAL HEAD, PEDESTRIAN
○→	EXISTING PEDESTRIAN PUSHBUTTON DETECTOR
○→	EXISTING GALVANIZED STEEL CONDUIT
○→	PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
○→	PROPOSED EMERGENCY VEHICLE SYSTEM DETECTOR (E.V.P.S.)
○→	PROPOSED (E.V.P.S.) CONFIRMATION BEACON
■	PROPOSED HANDHOLE
■	PROPOSED DOUBLE HANDHOLE
■	PROPOSED HEAVY DUTY HANDHOLE
■	PROPOSED DETECTOR LOOP
■	PROPOSED CONTROLLER
○→	PROPOSED PEDESTRIAN PUSHBUTTON DETECTOR
○→	PROPOSED SIGNAL HEAD, PEDESTRIAN
○→	PROPOSED CONDUIT, "T" TRENCH, "P" PUSH, SIZE SPECIFIED
○→	PROPOSED STREET NAME SIGN/TRAFFIC SIGN
□	PROPOSED ILLUMINATED SIGN
□	PROPOSED SERVICE INSTALLATION
○→	PROPOSED SIGNAL POST
○→	PROPOSED SIGNAL POST WITH BACKPLATE



DETAIL
(NO SCALE)

RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

- 1 DRILL OUT PAVEMENT SEALANT AND CLEAN EXISTING CONDUIT.
- 2 REMOVE EXISTING CABLE TO HANDHOLE.
- 3 INSTALL LOOP LEAD-IN CONDUCTORS IN CONDUIT.
- 4 SPLICE NEW DETECTOR LOOP LEAD-IN CONDUCTORS TO EXISTING LEAD-IN CABLE IN HANDHOLE.
- 5 FILL HOLE WITH APPROVED SEALER. PREVENT SEALER FROM ENTERING INTO CONDUIT.

NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP, TYPE 1"

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PLOT SCALE = 100.0000 ' / IN.
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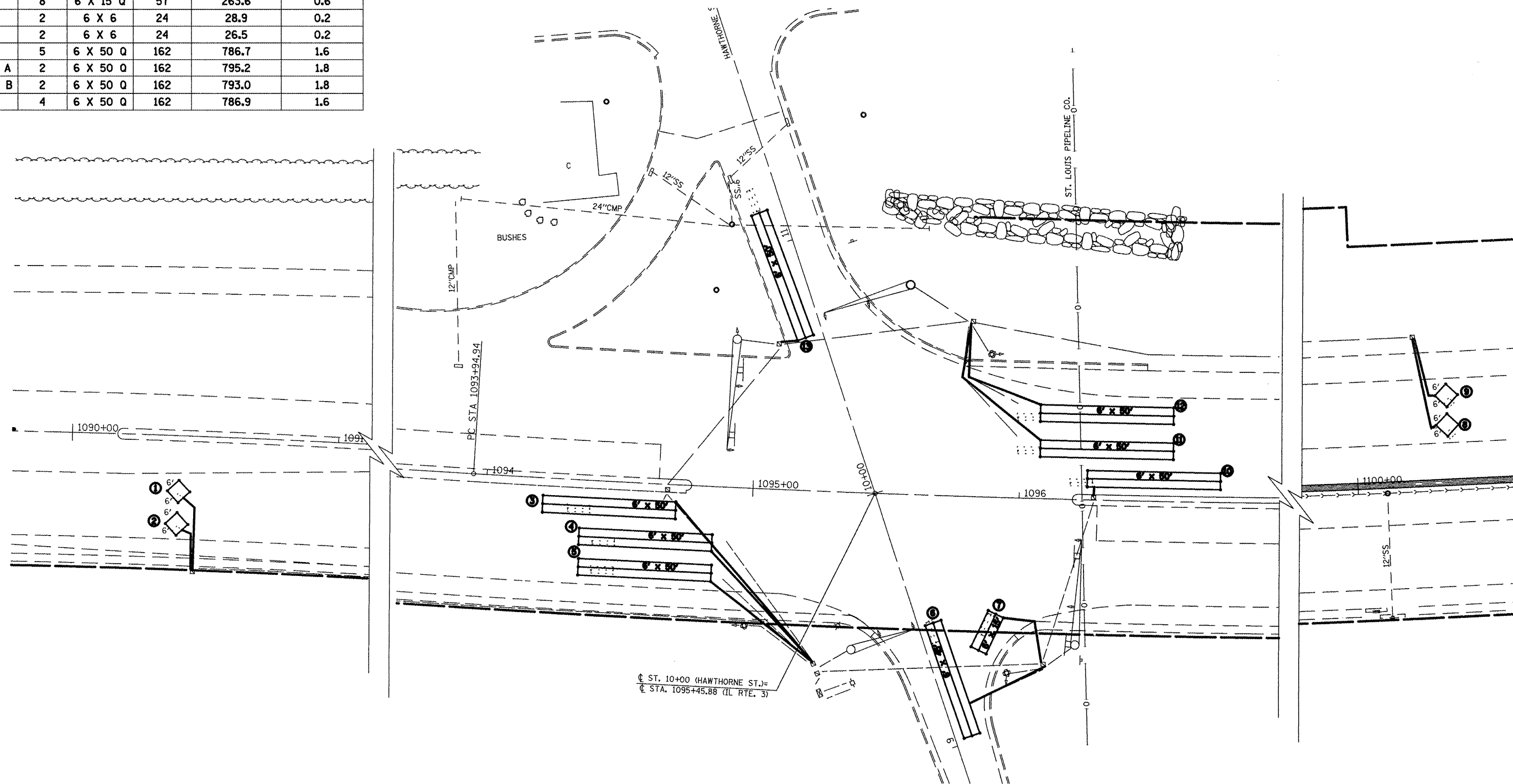
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL LEGNEDS, NOTES AND DETAILS

SCALE: 1"=20' SHEET NO. 1 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAB.	DIST. 8 RESUR. 2010-5	MADISON	57	54
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76083	

LOOP	PHASE (Φ)	FT. X FT.	LOOP SIZE	CALCULATED INDUCTANCE MICROHENRIES (μH)	CALCULATED RESISTANCE OHMS (Ω)
1. SB CCO A	6	6 X 6	24	28.4	0.2
2. SB CCO B	6	6 X 6	24	28.0	0.2
3. SB LT CD	1	6 X 50 Q	162	795.9	1.8
4. SB THRU CD A	6	6 X 50 Q	162	790.6	1.7
5. SB THRU CD B	6	6 X 50 Q	162	787.3	1.6
6. WB LT CD	8	6 X 45 Q	147	712.3	1.5
7. WB RT CD	8	6 X 15 Q	57	263.6	0.6
8. NB CCO A	2	6 X 6	24	28.9	0.2
9. NB CCO B	2	6 X 6	24	26.5	0.2
10. NB LT CD	5	6 X 50 Q	162	786.7	1.6
11. NB THRU CD A	2	6 X 50 Q	162	795.2	1.8
12. NB THRU CD B	2	6 X 50 Q	162	793.0	1.8
13. WB THRU CD	4	6 X 50 Q	162	786.9	1.6



FILE NAME =
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USER NAME = watersle
6d83-shr-plan.dgn
PLOT SCALE = 100.0000' / IN.
PLOT DATE = 3/12/2010

DESIGNED -
DRAWN -
CHECKED -
DATE -

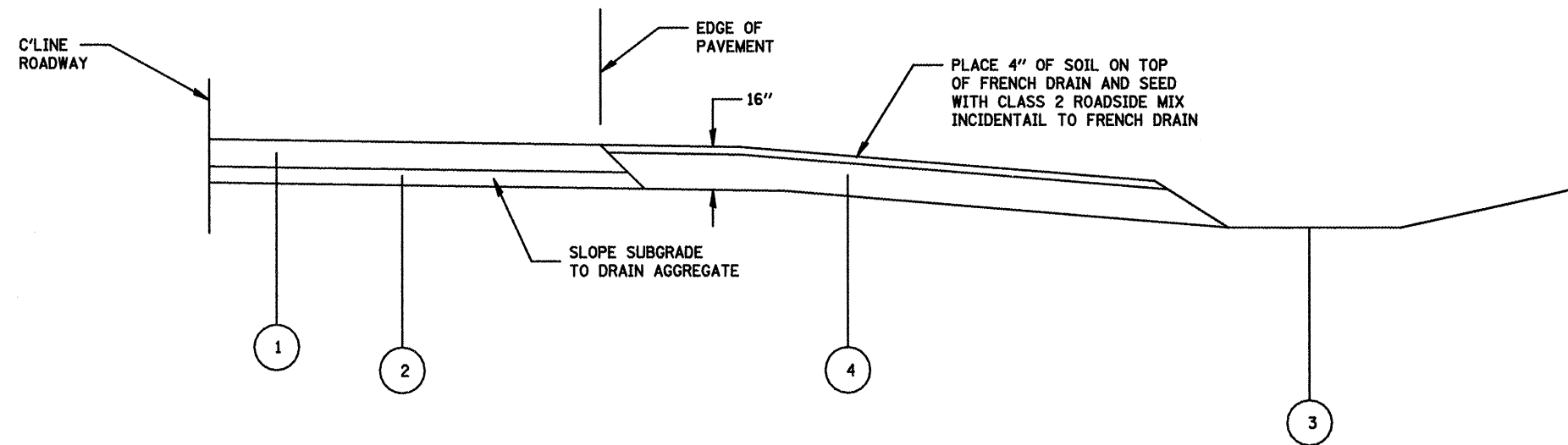
REVISED -
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REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN

SCALE: 1"=20' SHEET NO. 2 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	DIST. 8 RESURE, 2010-5	MADISON	57	55
CONTRACT NO. 76D03				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



STANDARD DETAIL OF FRENCH DRAIN AT CLASS C PATCHES

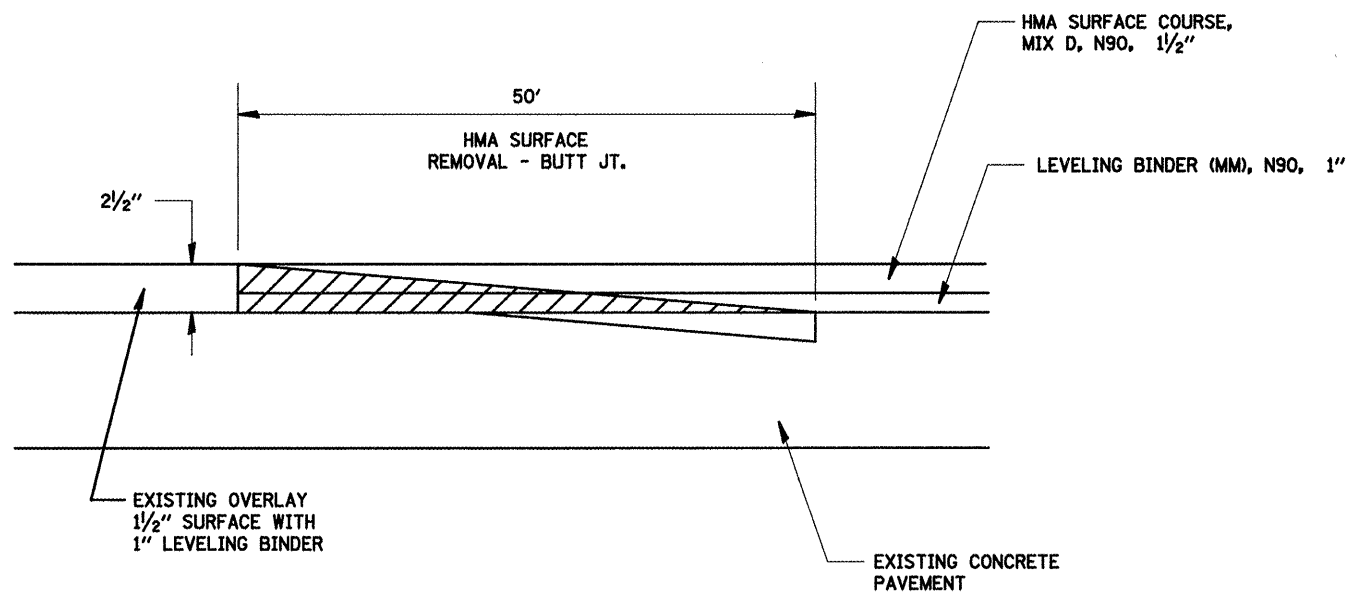
LEGEND

- ① CLASS C PATCH 10"
- ② FRENCH DRAINS - 6" NOMINAL THICKNESS (CLEAN AGGREGATE (CA-07 OR CA11))
- ③ EXISTING DITCH
- ④ FRENCH DRAIN OUTLET - 2' WIDE AND LENGTH TO INTERSECT EXISTING FORESLOPE (CLEAN AGGREGATE (CA-7 OR CA11 WRAPPED IN FILTER FABRIC) APPROX. 37 OUTLETS REQ'D.

NOTE: A MINIMUM OF ONE FRENCH DRAIN OUTLET SHALL BE INSTALLED PER PATCH OR ONE EVERY FIFTY FEET AS DIRECTED BY THE ENGINEER. NUMBERS 2 AND 4 IN THE DETAIL ABOVE WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR FRENCH DRAINS (TON) AND NO ADDITIONAL COMPENSTATION WILL BE ALLOWED.

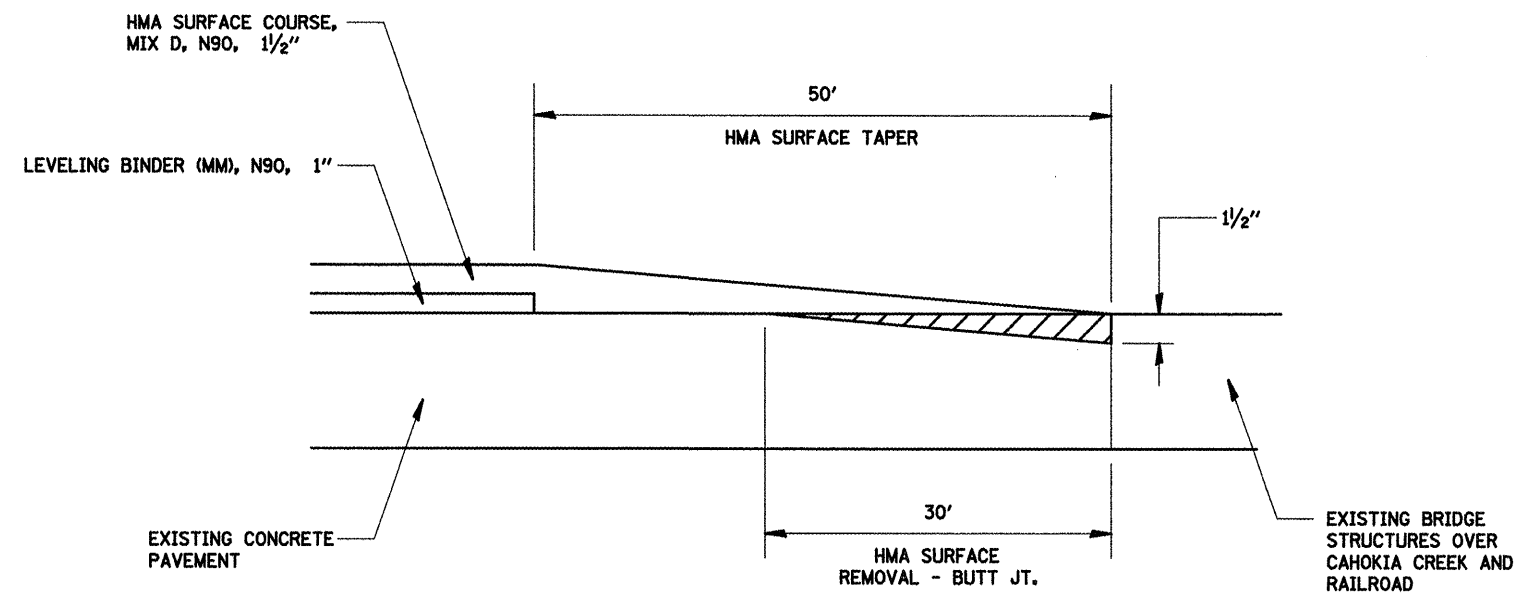
NOT TO SCALE

FILE NAME =	USER NAME = waterslo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FRENCH DRAIN DETAILS (LOCATION #2)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
o:\pwork\pwork\WATERSLE\d8175033\d8	8d83-shit-plan.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	56	
	PLOT SCALE = 100.0000 ' / IN.	CHECKED -	REVISED -			SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____		CONTRACT NO. 76083			
	PLOT DATE = 3/12/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 8 ILLINOIS FED. AID PROJECT					

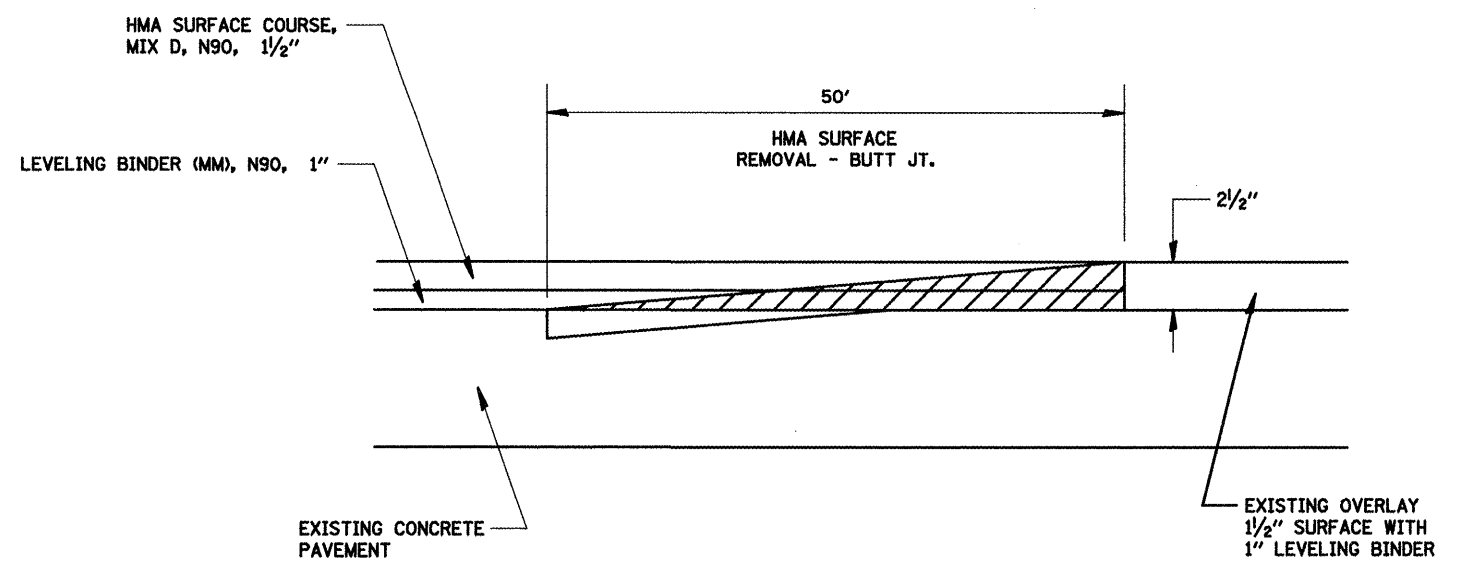


BUTT JOINT DETAILS
AT ALL RAMP

- RAMP 1 - STA. 166+73
- RAMP 2 - STA. 285+29
- RAMP 3 - STA. 394+48
- RAMP 4 - STA. 449+01



BUTT JOINT DETAIL
AT STRUCTURES



BUTT JOINT DETAIL
ON NORTH ACCESS ROAD

ALL LANES STA. 540+50

FILE NAME =	USER NAME = waterale	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MISCELLANEOUS DETAILS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEET	
c:\pwork\PWIDOT\WATERSLE\d0175033\d8	6d83-ahb-plen.dgn	DRAWN -	REVISED -			VAR.	DIST. 8 RESURF. 2010-5	MADISON	57	57
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 76D83				
	PLOT DATE = 3/12/2010	DATE -	REVISED -			FED. ROAD DIST. NO. 8 (ILLINOIS) FED. AID PROJECT				