

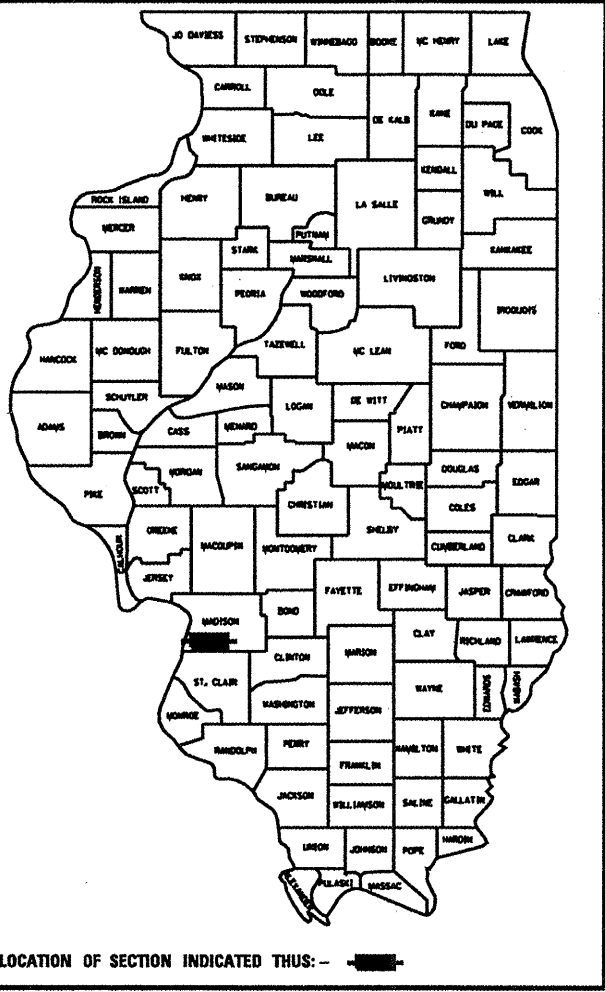
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

FAU ROUTE 9128 (COLLINSVILLE RD / OLD US 40)  
SECTION 28RS-6  
HMA OVERLAY ON COLLINSVILLE RD FROM  
BLACK LANE TO COMPLEX DRIVE  
MADISON COUNTY  
C-98-065-10

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9128	28RS-6	MADISON	33	1
		ILL. HDQS.	CONTRACT NO. 76D84	

D-98-052-10



FOR INDEX OF SHEETS, SEE SHEET NO. 2

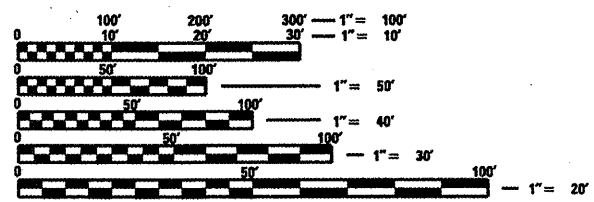
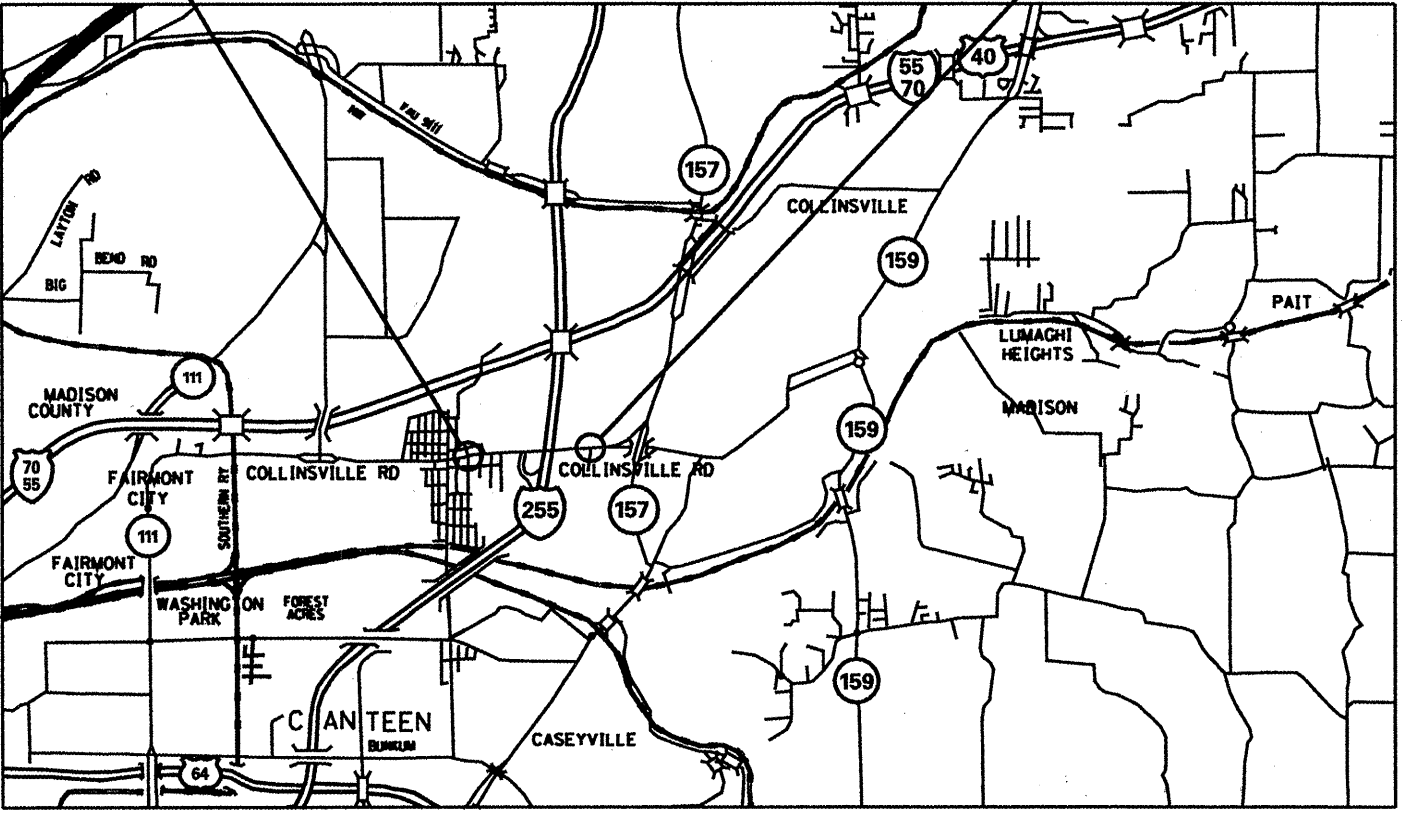
**ADT**

**BLACK LANE TO I-255**  
2006 ADT - 9100 (ACTUAL)  
2010 ADT - 9500 (ESTIMATED)  
2020 ADT - 14500 (ESTIMATED)  
SU=4.5% MU=1.6%

**I-255 TO COMPEX DR.**  
2006 ADT - 13600 (ACTUAL)  
2010 ADT - 14200 (ESTIMATED)  
2020 ADT - 15600 (ESTIMATED)  
SU=4.5% MU=1.6%

BEGIN PROJECT  
STA. 300+40  
LAT.= 38°39'32"  
LONG.=90°2'39"

END PROJECT  
STA. 356+47  
LAT.=38°39'36"  
LONG.=90°1'26"



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

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

PROJECT ENGINEER: TIM PADGETT (618)346-3325  
PROJECT MANAGER: ANDY DREIER (618)346-3351

CONTRACT NO. 76D84

GROSS LENGTH = 5,600 FT. = 1.06 MILE  
NET LENGTH = 4,250 FT. = 0.80 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *March 18, 2010*

*May C. Jamie*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*May 7, 2010*

*Scott E. Stitt P.E.*  
Acting ENGINEER OF DESIGN AND ENVIRONMENT

*May 7, 2010*

*Christine M. Reed*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

GENERAL NOTES

1. SAW CUTTING ON ALL EDGES FOR REMOVAL ITEMS SHALL BE INCLUDED IN THE COST OF THE REMOVAL ITEM AS INDICATED AND IN ACCORDANCE WITH SECTION 440 OF THE STANDARD SPECIFICATIONS.
2. EXCESS BITUMEN REMOVAL SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
3. THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
4. 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:
  - AmerenIP (Buried)
  - AmerenUE (Aerial & Buried)
  - AT&T Illinois (Aerial & Buried)
  - City of Collinsville (Buried)
  - Mediacom (Buried)
  - Mound Public Water and Sewer District (Buried)
  - PAETEC (Buried)

MEMBERS OF J.U.L.I.E. (800)-892-0123 ARE INDICATED BY \*. NON J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
5. ALL TEMPORARY PAVEMENT MARKINGS WILL BE PLACED IN SUCH A MANNER SO AS NOT TO INTERFERE WITH THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
6. HIGH EARLY STRENGTH CONCRETE MIX SHALL BE USED FOR ALL PCC PATCHING.
7. ALL PATCHING ON THIS PROJECT SHALL BE COMPLETED PRIOR TO BITUMINOUS SURFACE REMOVAL.
8. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
9. THE WIDTH OF THE GUTTER FOR THE CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT IS VARIABLE. NO ADDITIONAL COMPENSATION SHALL BE GIVEN FOR THE ADDITIONAL WIDTH.
10. PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE OF THE CURB AND MEDIAN SURFACE. THE COST SHALL BE INCLUDED IN THE COST FOR COMBINATION CURB AND GUTTER AND MEDIAN SURFACE.
11. THE ANCHOR BOLTS FOR THE MEDIAN SHALL BE INCLUDED IN PRICE OF CONCRETE MEDIAN.
12. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN ON PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENT MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
13. ANY EARTH WORK ASSOCIATED WITH REMOVAL AND REPLACEMENT OF CURB AND GUTTER SHALL BE INCLUDED IN THE COST FOR THE COMBINATION CONCRETE CURB AND GUTTER.
14. EXCAVATION FOR THE REPLACEMENT OF CULVERT PIPES AND INLETS WILL BE INCLUDED IN THE COST OF THE PIPE CULVERT AND INLET BOX TYPE A.
15. ALL BACKFILL MATERIAL FOR THE PIPE CULVERT AND INLET SHALL BE INCLUDED IN THE PRICE OF THE RESPECTIVE ITEMS. NO ADDITIONAL COMPENSATION SHALL BE GIVEN.
16. THE PIPE CULVERT SHALL BE MEASURED AND CUT TO MATCH THE EXISTING SLOPE.
17. THE PAVEMENT MARKINGS SHOWN IN THE PLANS ARE APPROXIMATE. THE LOCATIONS OF PROPOSED STOP BARS, ETC. SHALL MATCH EXISTING LOCATIONS AS DIRECTED BY THE ENGINEER.
18. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIMED, BINDER AND FINAL BITUMINOUS SURFACE. ONLY THE REMOVAL OF THE FINAL SURFACE APPLICATION SHALL BE PAID FOR AS WORK ZONE PAVEMENT MARKING REMOVAL -50.FT. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMENET PAVEING MARKING HAS BEEN ADDED TO THE PLANS.
19. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AND MULCHED AT THE CONTRACTOR'S EXPENSE.
20. EXPANSION BOLTS 5/8" SHALL BE AS PER ARTICLE 1006.09 OF THE STANDARD SPECIFICATIONS.

TRAFFIC CONTROL

1. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
2. ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND STEADY BURN LIGHTS.
3. ALL TRAFFIC CONTROL DEVICES SHALL BE SKID MOUNTED.
4. "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 FLUORESCENT ORANGE AND 48"x48"
5. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE APPLIED.

COMMITMENTS

NO COMMITMENTS

STANDARDS

000001-05	701601-06
442101-03	701606-06
482011-03	701701-06
542401-01	701901-01
602301-02	731001-01
604001-03	780001-02
606001-04	781001-03
630001-08	886001-01
631031-08	886006-01
701101-02	
701426-03	

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS, AND STANDARDS
3-4	SUMMARY OF QUANTITIES
5-10	TYPICAL SECTIONS
11-12	SCHEDULE OF QUANTITIES
13-18	REMOVAL DETAIL
19-24	PAVEMENT MARKING SHEETS
25-28	DETAILS
29-33	DETECTOR LOOP REPLACEMENT

MIXTURE USE	SURFACE	LEVEL BINDER	SHOULDERS
AC/PF	PF 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	See Contract RAP Special Provisions
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	2.0% @ Ndes=30
MIX COMPOSITION (GRADATION MIXTURE)		IL 9.5	
FRICTION AGG	MIXTURE "D"	MIXTURE "C"	BAM

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS, STANDARDS AND COMMITMENTS

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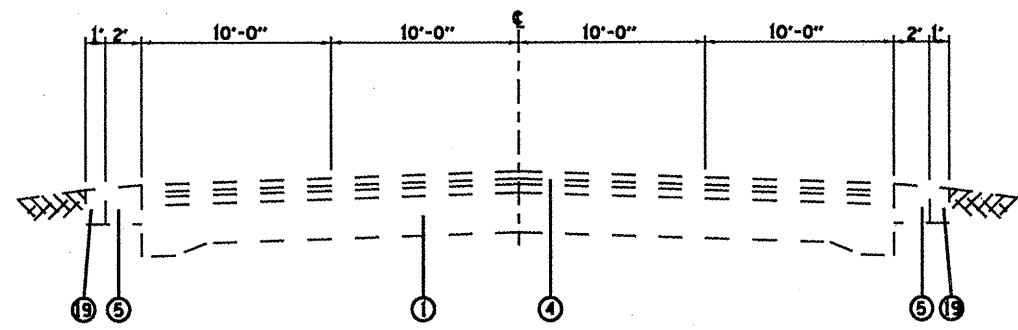
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9128	28RS-6	WABSON	33	2
CONTRACT NO. 76084			ILLINOIS FED. AID PROJECT	



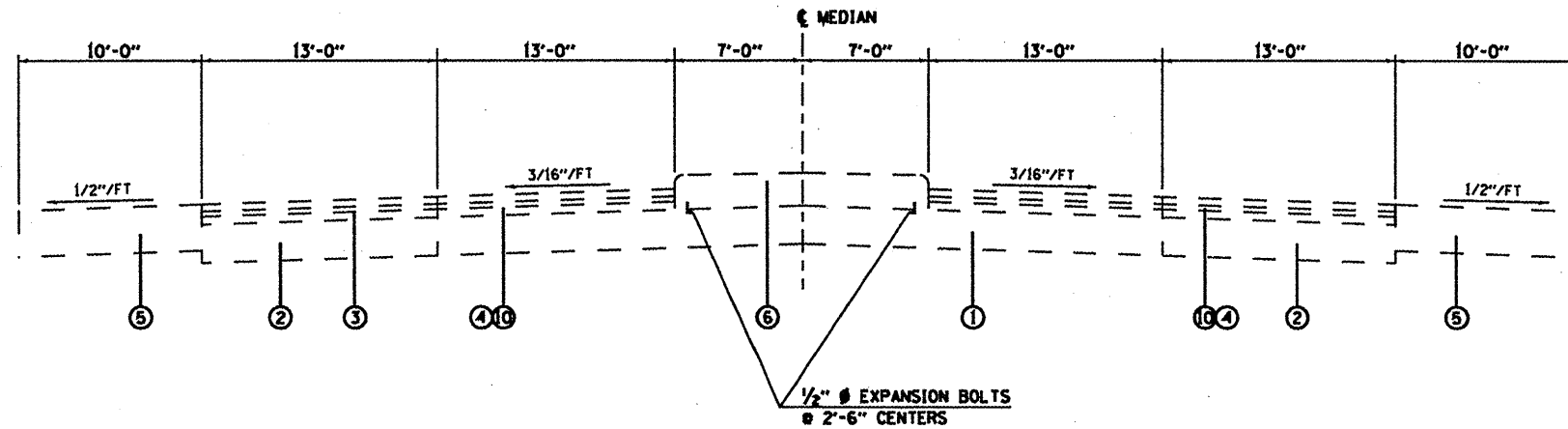
# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN 100% STATE	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	1000			CODE NO	ITEM	UNIT	TOTAL QUANTITIES	10000		
Z0017202	DOWEL BARS 1 1/2"	EACH	230	230									

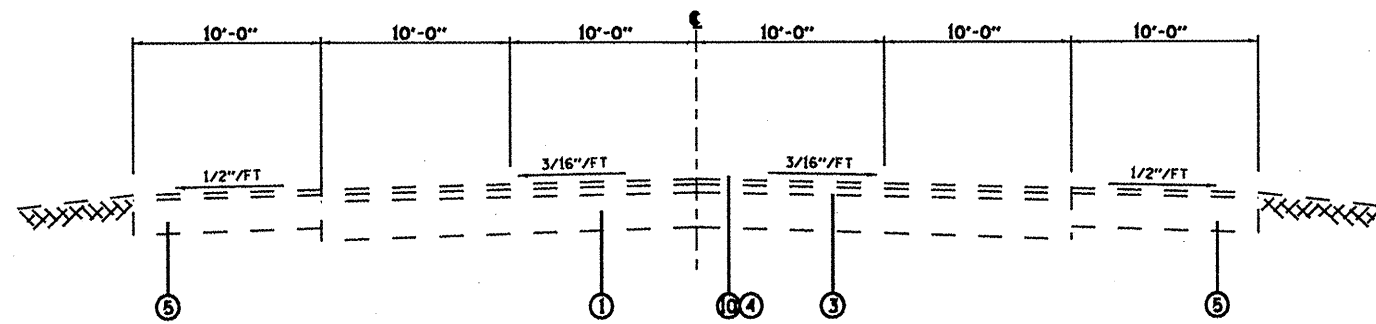
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	PLOT DATE * 3/17/2010	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



**EXISTING TYPICAL SECTION**  
STA. 300+40 TO STA. 311+65  
(LOOKING EAST)



**EXISTING TYPICAL SECTION**  
STA. 326+52 TO STA. 327+27  
STA. 342+10 TO STA. 346+24  
(LOOKING EAST)



**EXISTING TYPICAL SECTION**  
STA. 325+08 TO STA. 326+52  
STA. 346+24 TO STA. 348+06  
(LOOKING EAST)

**LEGEND**

- ① EXISTING PCC PAVEMENT
- ② EXISTING PCC BASE COURSE WIDENING
- ③ EXISTING HMA LEVELING BINDER
- ④ EXISTING HMA SURFACE 1 1/2 "
- ⑤ EXISTING HMA SHOULDER
- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING COMBINATION CONCRETE CURB AND GUTTER
- ⑧ EXISTING SIDEROAD
- ⑨ PAVED SHOULDER REMOVAL/EARTH EXCAVATION/HMA SHOULDER 6"
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- ⑪ HMA SURFACE REMOVAL 3/4 "
- ⑫ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ⑬ PROPOSED BITUMINOUS MATERIAL PRIME COAT
- ⑭ PROPOSED AGGREGATE PRIME COAT
- ⑮ PROPOSED LEVELING BINDER (MACHINE METHOD) NTO 3/4 "
- ⑯ PROPOSED HMA SURFACE COURSE MIX "D" NTO 1 1/2 "
- ⑰ PROPOSED HMA SHOULDER (1 1/2")
- ⑱ PROPOSED AGGREGATE SHOULDER WEDGE
- ⑲ EXISTING AGGREGATE SHOULDER

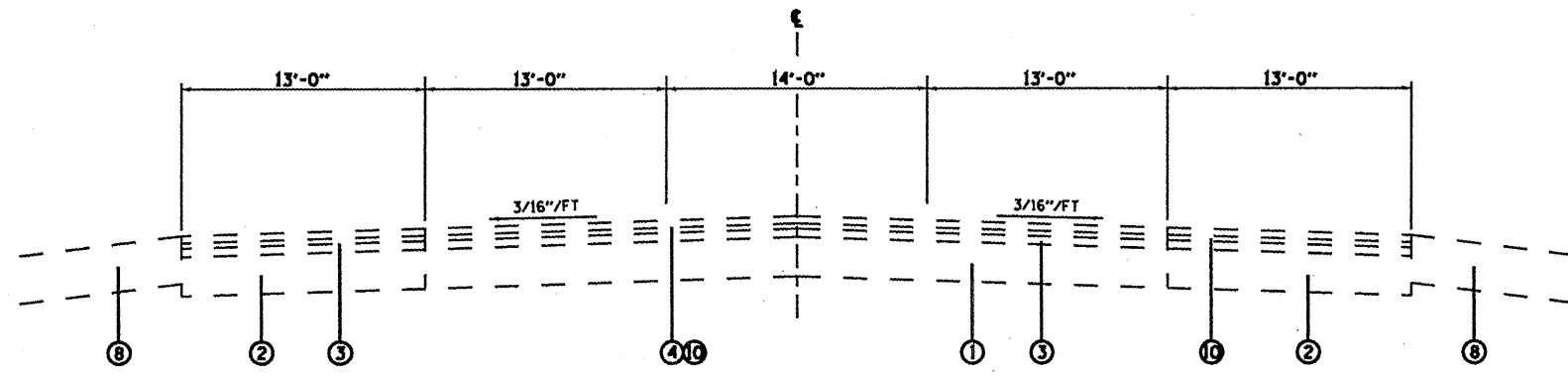
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

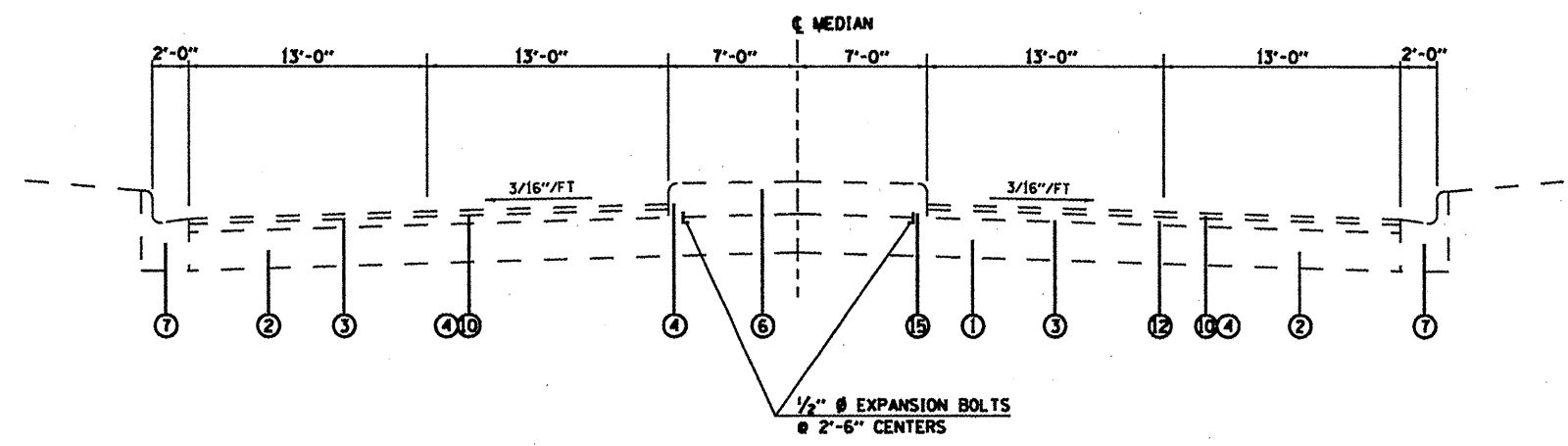
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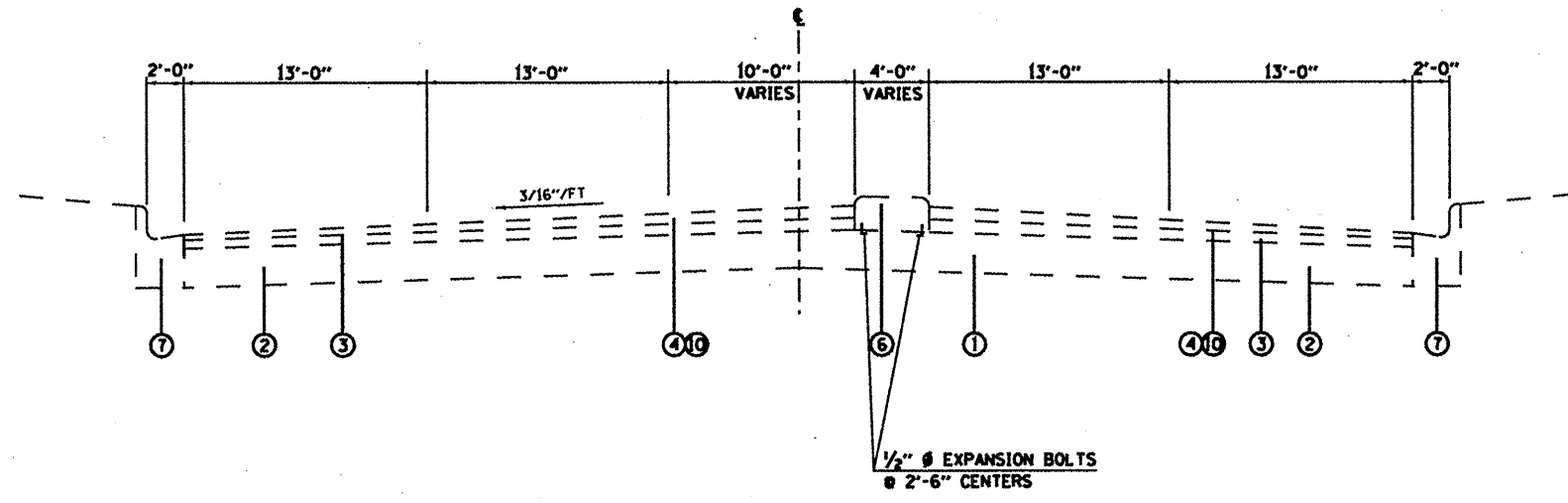
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912B	28RS-6	MADISON	35 5
			CONTRACT NO. 76084
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



**EXISTING TYPICAL SECTION**  
 STA. 329+25 TO STA. 330+09  
 STA. 341+50 TO STA. 342+10  
 (LOOKING EAST)



**EXISTING TYPICAL SECTION**  
 STA. 335+33 TO STA. 337+57  
 (LOOKING EAST)

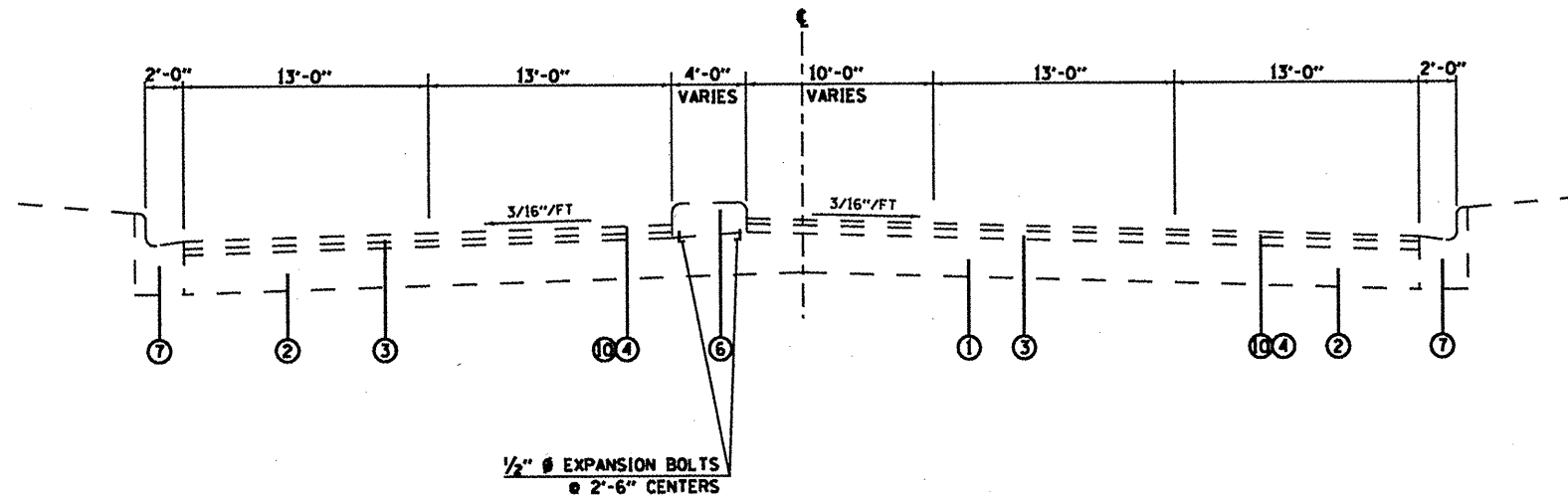


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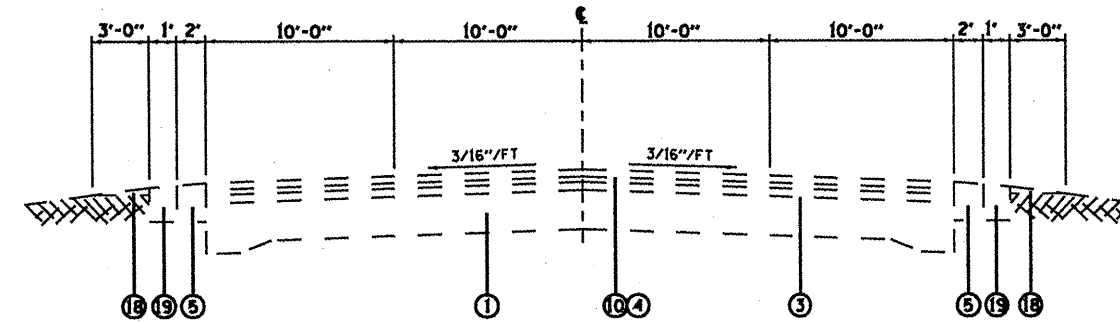
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- ① EXISTING PCC PAVEMENT
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- ③ EXISTING HMA LEVELING BINDER
- ④ EXISTING HMA SURFACE 1 1/2 "
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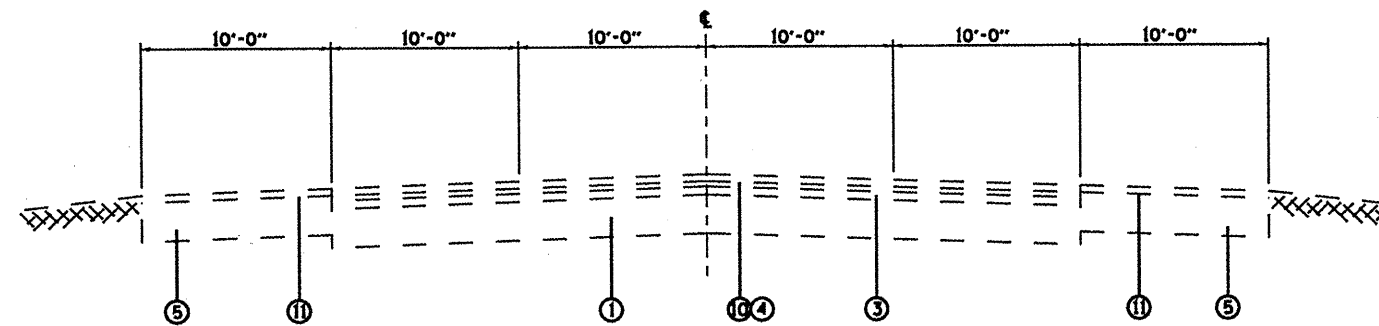
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	PLOT DATE = 3/17/2010	DATE -	REVISED -		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 76084			



**EXISTING TYPICAL SECTION**  
 STA. 327+27 TO STA. 329+25  
 STA. 337+57 TO STA. 341+50  
 (LOOKING EAST)



**EXISTING TYPICAL SECTION**  
 STA. 351+30 TO STA. 356+47  
 (LOOKING EAST)



**EXISTING TYPICAL SECTION**  
 STA. 348+06 TO STA. 351+30  
 (LOOKING EAST)

**LEGEND**

- ① EXISTING PCC PAVEMENT
- ② EXISTING PCC BASE COURSE WIDENING
- ③ EXISTING HMA LEVELING BINDER
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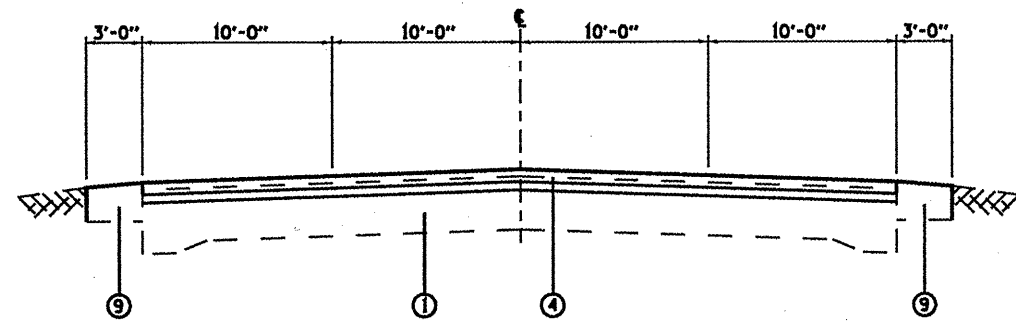
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

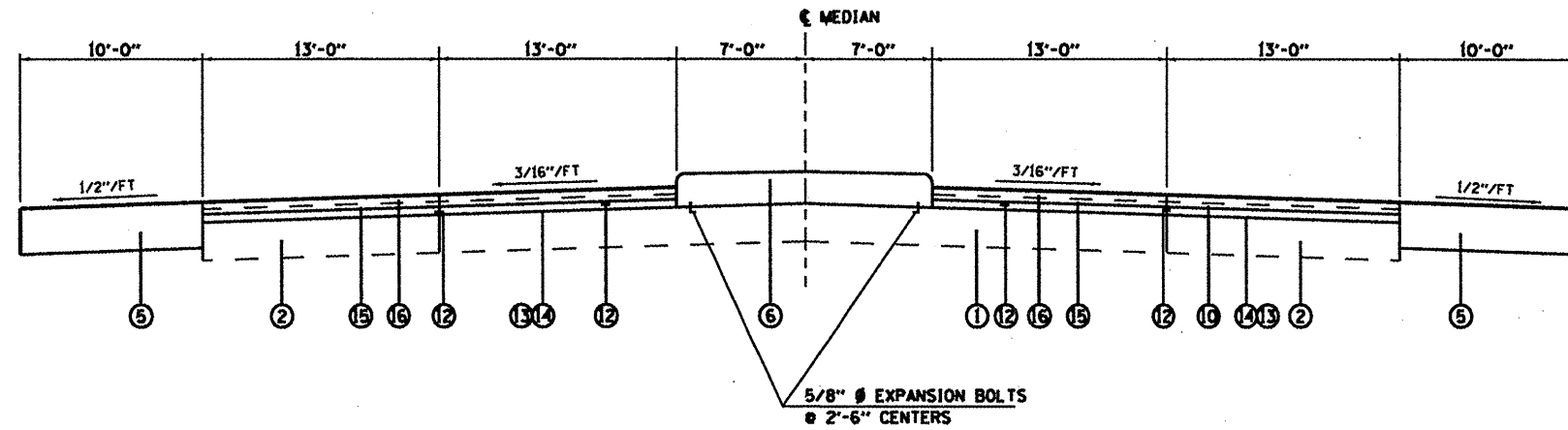
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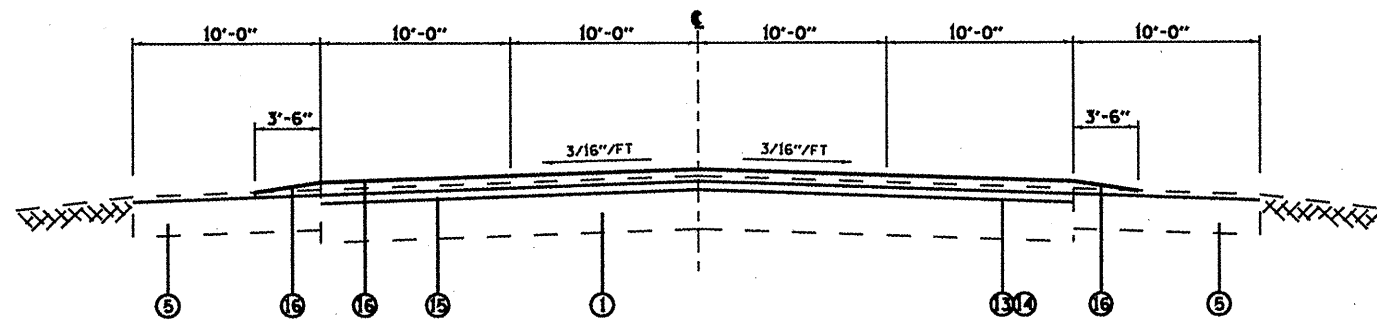
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9128	2BR5-6	MADISON	33	7
CONTRACT NO. 76084				
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT				



**PROPOSED TYPICAL SECTION**  
 STA. 300+40 TO STA. 311+65  
 (LOOKING EAST)



**PROPOSED TYPICAL SECTION**  
 STA. 326+52 TO STA. 327+27  
 STA. 342+10 TO STA. 346+24  
 (LOOKING EAST)



**PROPOSED TYPICAL SECTION**  
 STA. 325+08 TO STA. 326+52  
 STA. 346+24 TO STA. 348+06  
 (LOOKING EAST)

**LEGEND**

- ① EXISTING PCC PAVEMENT
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- ⑥ EXISTING CONCRETE MEDIAN
- ⑦ EXISTING COMBINATION CONCRETE CURB AND GUTTER
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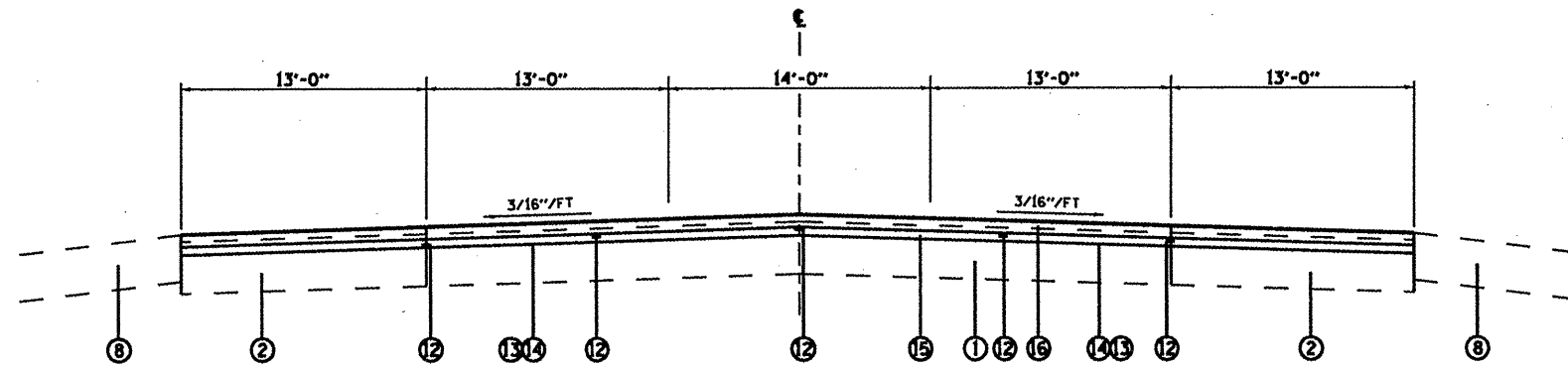
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

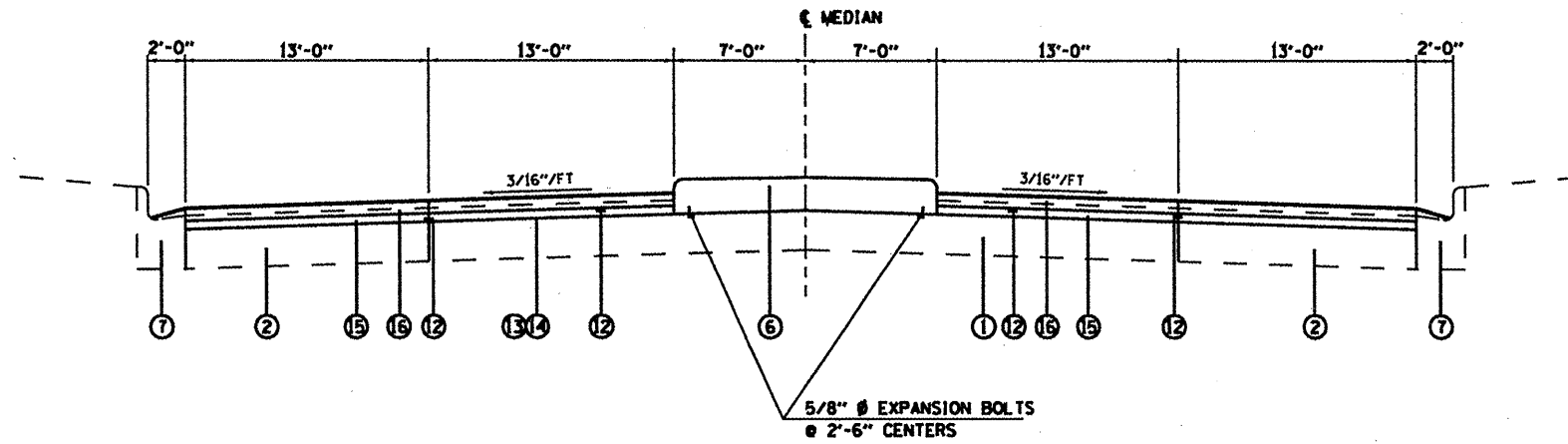
PROPOSED TYPICAL SECTIONS			
SCALE: NONE	SHEET NO. OF SHEETS	STA.	TO STA.

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9120	20RS-6	MADISON	33	8
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76D84	

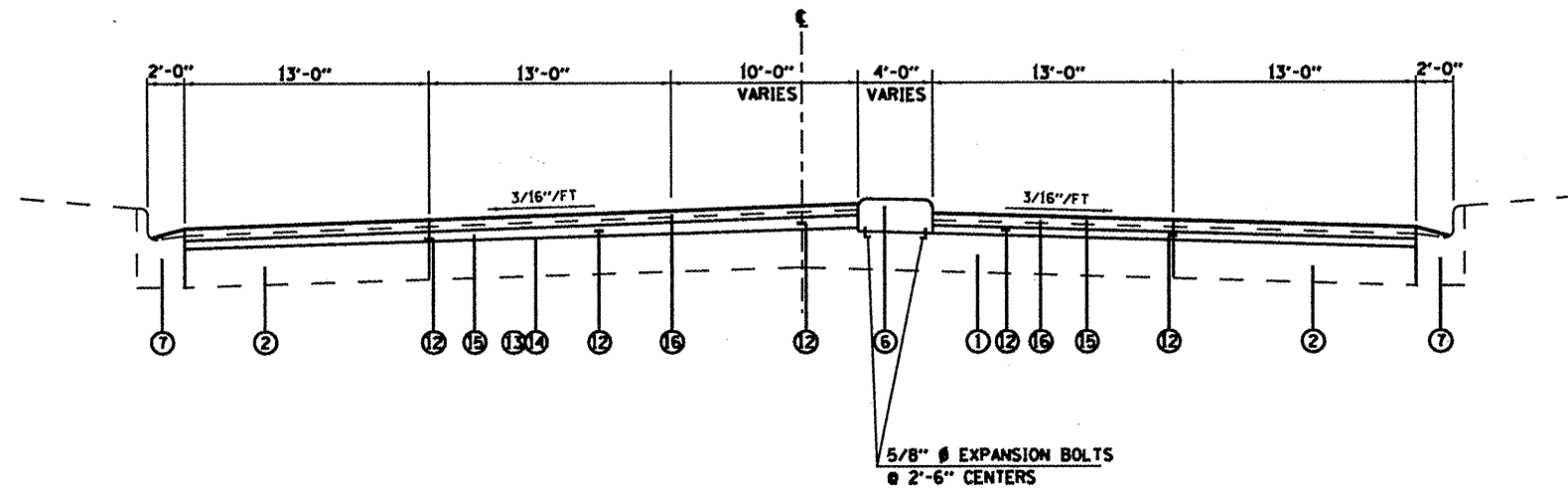




**PROPOSED TYPICAL SECTION**  
 STA. 329+25 TO STA. 330+09  
 STA. 341+50 TO STA. 342+10  
 (LOOKING EAST)



**TYPICAL SECTION**  
 STA. 335+33 TO STA. 337+57  
 (LOOKING EAST)



**PROPOSED TYPICAL SECTION**  
 STA. 330+09 TO STA. 335+33  
 (LOOKING EAST)

**LEGEND**

- ① EXISTING PCC PAVEMENT
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- ⑬ PROPOSED BITUMINOUS MATERIAL PRIME COAT
- ⑭ PROPOSED AGGREGATE PRIME COAT
- ⑮ PROPOSED LEVELING BINDER (MACHINE METHOD) N70 3/4 "
- ⑯ PROPOSED HMA SURFACE COURSE MIX "D" N70 1 1/2 "
- ⑰ PROPOSED HMA SHOULDER (1 1/2")
- ⑱ PROPOSED AGGREGATE SHOULDER WEDGE
- ⑲ EXISTING AGGREGATE SHOULDER

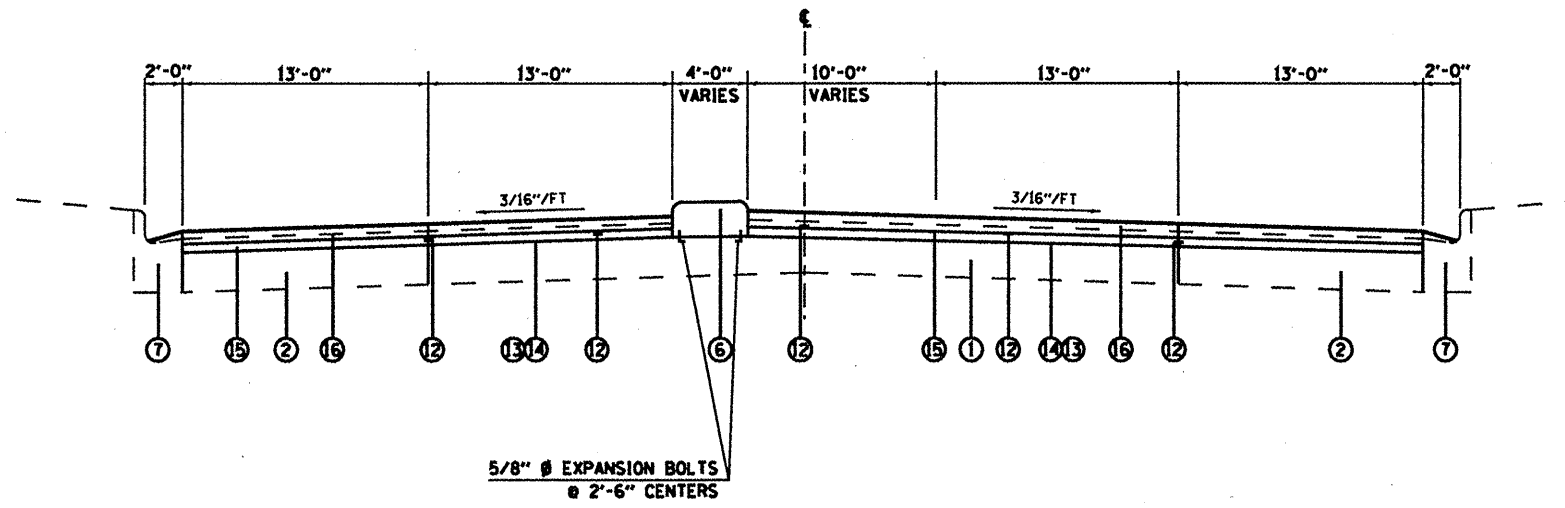
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PLOT DATE = 3/17/2018	DATE -	REVISION -	REVISION -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

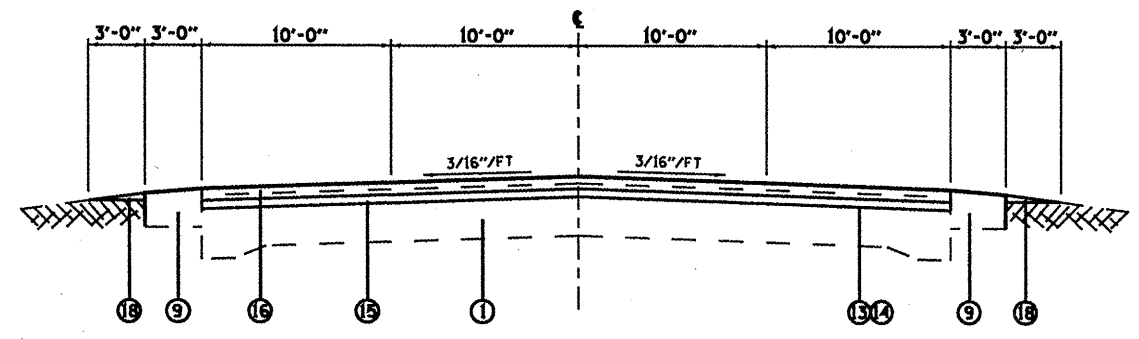
PROPOSED TYPICAL SECTIONS

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

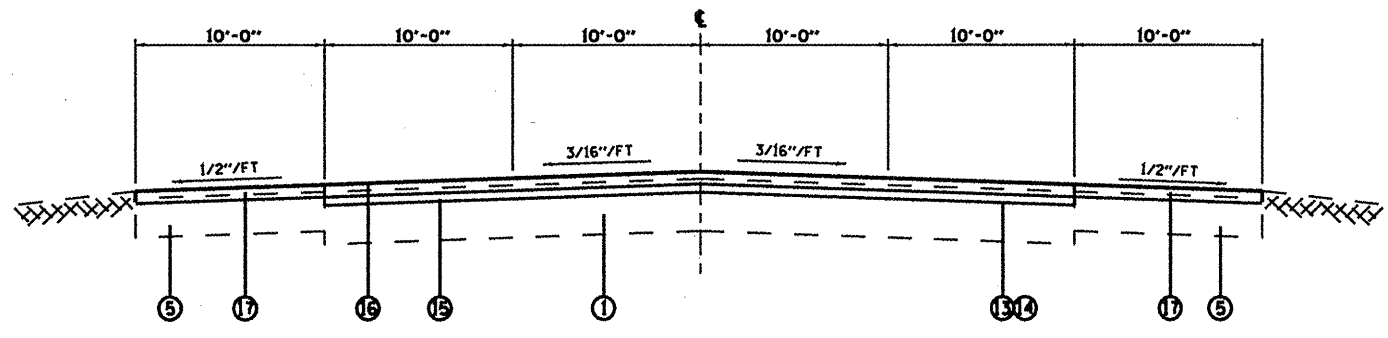
F.A.J.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9128	2BR5-6	MADISON	33	9
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76084	



**PROPOSED TYPICAL SECTION**  
 STA. 327+27 TO STA. 329+25  
 STA. 337+57 TO STA. 341+50  
 (LOOKING EAST)



**PROPOSED TYPICAL SECTION**  
 STA. 351+30 TO STA. 356+47  
 (LOOKING EAST)



**PROPOSED TYPICAL SECTION**  
 STA. 348+06 TO STA. 351+30  
 (LOOKING EAST)

- LEGEND**
- ① EXISTING PCC PAVEMENT
  - ② EXISTING PCC BASE COURSE WIDENING
  - ③ EXISTING HMA LEVELING BINDER
  - ④ EXISTING HMA SURFACE 1 1/2 "
  - ⑤ EXISTING HMA SHOULDER
  - ⑥ EXISTING CONCRETE MEDIAN
  - ⑦ EXISTING COMBINATION CONCRETE CURB AND GUTTER
  - ⑧ EXISTING SIDEROAD
  - ⑨ PAVED SHOULDER REMOVAL/EARTH EXCAVATION/HMA SHOULDER 6"
  - ⑩ HMA SURFACE REMOVAL 1 1/2 "
  - ⑪ HMA SURFACE REMOVAL 3/4 "
  - ⑫ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
  - ⑬ PROPOSED BITUMINOUS MATERIAL PRIME COAT
  - ⑭ PROPOSED AGGREGATE PRIME COAT
  - ⑮ PROPOSED LEVELING BINDER (MACHINE METHOD) N70 3/4 "
  - ⑯ PROPOSED HMA SURFACE COURSE MIX "D" N70 1 1/2 "
  - ⑰ PROPOSED HMA SHOULDER (1 1/2")
  - ⑱ PROPOSED AGGREGATE SHOULDER WEDGE
  - ⑲ EXISTING AGGREGATE SHOULDER

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PLOT SCALE * 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE * 3/17/2010		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED TYPICAL SECTIONS</b>	
SCALE: NONE	SHEET NO. OF SHEETS STA. TO STA.

F. ALL RTE 912B	SECTION 20RS-6	COUNTY MADISON	TOTAL SHEETS 33	SHEET NO. 10
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 75084	

CONCRETE CURB & GUTTER AND MEDIAN SCHEDULE															
LOCATION				COMB CONCRETE CURB & GUTTER			CONCRETE MEDIAN				PAVEMENT MARKINGS		PRISMATIC CURB REFLECTOR		
				CURB & GUTTER REMOVAL	COMB CURB & GUTTER, TY B6.24	COMB CONC CURB & GUT REM & REPL	MEDIAN REMOVAL	MEDIAN SURFACE REMOVAL	CONCRETE MEDIAN	CONC MEDIAN SURF, 4 IN	ANCHOR BOLTS, 5/8"	PAINT PAVE MARK - CURB	PAINT PAVE MARK - RAISED MED	CRYSTAL	AMBER
STA	TO	STA	LT/RT/CL	(FOOT)	(FOOT)	(FOOT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(EACH)	(FOOT)	(SQ FT)	(EACH)	(EACH)
COLLINSVILLE ROAD															
326+52	TO	329+25	CL									108	80		20
329+00	TO	329+17	RT									56		9	
330+09	TO	341+50	CL				8750		8750		912	108	80		64
330+21	TO	330+47	RT									66		9	
335+08	TO	335+30	RT	22	22										
340+07	TO	341+74	LT	167	167										
342+10	TO	346+24	CL									108	125		28
342+33	TO	342+63	LT			8		378		378		88		9	
342+36	TO	342+60	RT			66		184		184		63		9	
SUBTOTAL														36	112
TOTAL				189	189	74	8750	562	8750	562	912	597	285		148

CLASS B PAVEMENT PATCHING 11 INCH SCHEDULE						
LOCATION	LANE	LENGTH	LANE WIDTH	CLASS B PATCH TYPE II	DOWEL BARS 1 1/2 INCH	SAWCUT
		(FT)	(FT)	(SQ YD)	(EACH)	(FT)
EB COLLINSVILLE ROAD						
333+0	LEFT	6.0	13.0	8.7	20	51.0
335+20	RIGHT	8.0	13.0	11.6	20	55.0
339+55	TURN	6.0	10.0	6.7	20	42.0
339+55	LEFT	6.0	13.0	8.7	20	51.0
346+95	LEFT	6.0	12.0	8.0	20	48.0
346+95	RIGHT	6.0	12.0	8.0	20	48.0
WB COLLINSVILLE ROAD						
335+15	LEFT	6.0	13.0	8.7	20	51.0
346+10	LEFT	6.0	13.0	8.7	20	51.0
346+95	LEFT	6.0	12.0	8.0	20	48.0
346+95	RIGHT	6.0	12.0	8.0	20	48.0
SUBTOTAL:				84.9	200	493.0
ANTICIPATED FAILURES (15%):				12.7	30	74.0
TOTAL:				98	230	567

SHOULDER SCHEDULE											
LOCATION				HMA SURFACE REMOVAL 3/4"	PAVED SHOULDER REMOVAL - 6"	PAVED SHOULDER REMOVAL - 5 1/4"	PAVED SHOULDER REMOVAL - VAR DEPTH	EARTH EXCAVATION	HMA SHOULDER - 6 INCH	HMA SHOULDER	AGG WEDGE SHOULDER, TY B
STA	TO	STA	LT/RT	(SQ YD)	(SQ YD)	(SQ YD)	(SQ YD)	(CU YD)	(SQ YD)	(TON)	(TON)
300+40	TO	301+15	RT		16.7			1.4	25.0		
301+05	TO	302+10	LT		7.8			0.6	11.7		
301+80	TO	304+70	RT		64.4			5.4	96.7		
301+95	TO	302+10	LT		3.3			0.3	5.0		
302+55	TO	302+65	LT		2.2			0.2	3.3		
303+10	TO	303+35	LT		5.6			0.5	8.3		
303+90	TO	304+90	LT		22.2			1.9	33.3		
304+95	TO	305+10	RT		3.3			0.3	5.0		
305+50	TO	305+60	RT		2.2			0.2	3.3		
305+55	TO	308+05	LT		55.6			4.6	83.3		
306+40	TO	310+40	RT		88.9			7.4	133.3		
308+50	TO	311+65	LT		70.0			5.8	105.0		
348+06	TO	349+16	LT	123			3.6		3.6	10	
349+62	TO	351+30	RT	187						16	
349+70	TO	352+20	LT	200			5.5		5.5	17	
351+30	TO	352+63	RT			29.6		2.2	44.3		1.8
352+84	TO	354+59	LT			58.3			58.3		2.4
353+45	TO	356+47	RT			67.1		4.9	100.7		4.2
355+24	TO	356+47	LT			27.3		2.0	41.0		1.7
SUBTOTAL					342	182	9			43	10.2
TOTAL:				510		634		38	767	43	10.2

INLET & PIPE CULVERT SCHEDULE					
LOCATION	PIPE CULVERT REMOVAL	REMOVING INLETS	PIPE CULVERT, CL D, TY I, 12 INCH	INLETS, TY A WITH TY I FRAME (OPEN LID)	METAL END SECTIONS, 12 INCH
STA	(FOOT)	(EA)	(FOOT)	(EA)	(EA)
348+97	25	1	25	1	1
349+79	25	1	25	1	1
350+55	25	1	25	1	1
TOTAL:					
	75	3	75	3	3

GUARDRAIL SCHEDULE								
LOCATION	LT/RT	GUARDRAIL REMOVAL, SPECIAL	TRAFFIC BAR TERM, TYPE 1, SP	TRAF BAR TERM, TY 6	SPBG, TY A	AGGREGATE SHOULDERS, TYPE B	GUARDRAIL MARKER, TYPE A	TERM MARK - DIRECT APPLY
STA		(FOOT)	(EA)	(EA)	(FT)	(TON)	(EA)	(EA)
312+95	LT		1	1			4	1
313+80	LT	102	1	1	62.5	10.6	4	1
313+80	RT		1	1	12.5	10.6	4	1
TOTAL:								
		102	3	3	75	21.2	12	3

HOT-MIX ASPHALT RESURFACING SCHEDULE										
LOCATION			HMA SURFACE REMOVAL 1 1/2"	HMA SURFACE REMOVAL - JOINT	PCC SURFACE REMOVAL - BUTT JOINT	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE (PRIME COAT)	LEVELING BINDER (MACHINE METHOD) N70	HMA SURFACE COURSE MIX D, N70	STRIP REFL CRACK CONTROL TREATMENT
STA	TO	STA	(SQ YD)	(SQ YD)	(SQ YD)	(TON)	(TON)	(TON)	(TON)	(FOOT)
325+08	TO	329+25	2115			0.7	3.2	82	178	1502
329+25	TO	330+09	620	38	325	0.3	1.5	26	77	504
330+09	TO	341+50	7405			2.3	11.1	311	622	5481
341+50	TO	342+10	440		215	0.2	1.0	18	52	300
342+10	TO	356+47	7320	69		2.4	11.7	302	632	1656
SUBTOTAL			17900	107						
TOTAL:			18007		540	5.9	28.5	739	1561	9443

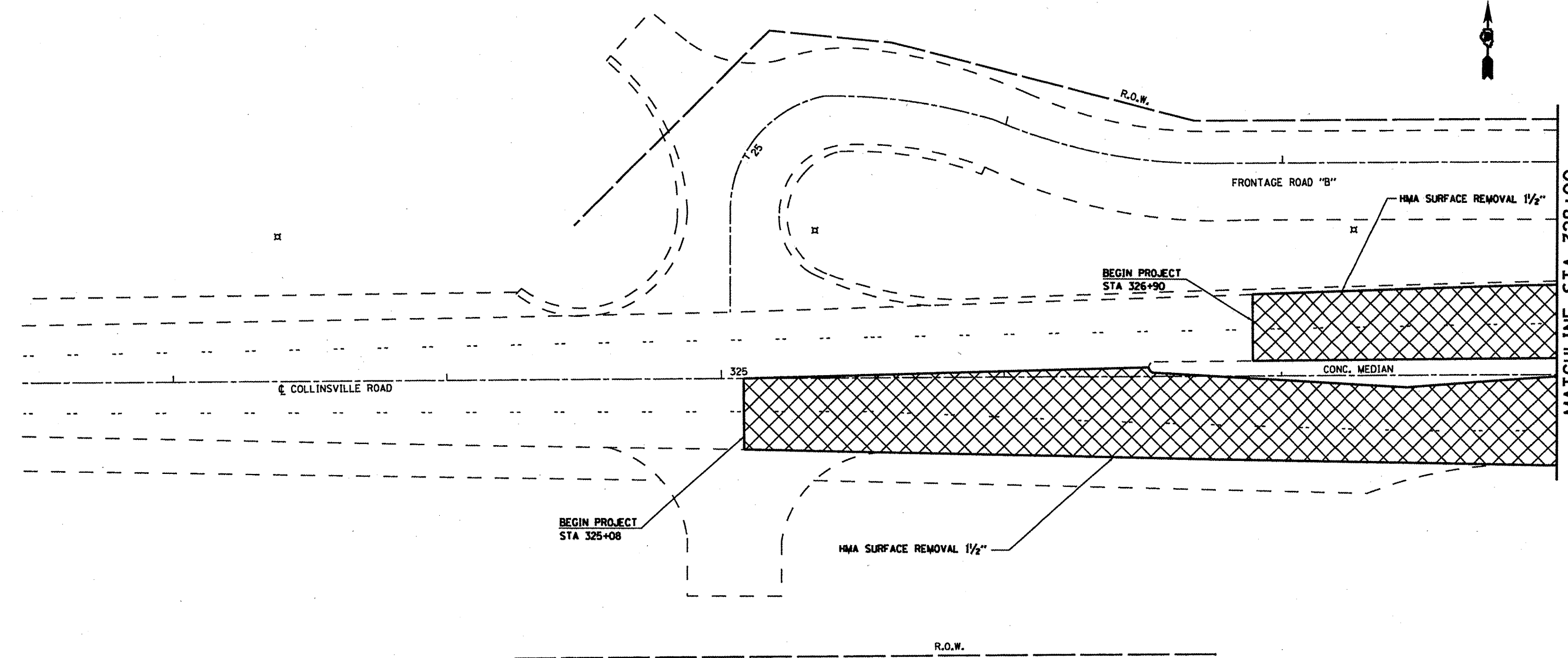
TEMPORARY RAMPS	
LOCATION/DESCRIPTION	TEMPORARY RAMPS (SQ YD)
STA 325+08	13.3
STA 326+90	13.6
WEST INTERSECT, ENTRANCE RAMP, RT TURN	11.1
WEST INTERSECT, ENTRANCE RAMP	16.8
WEST INTERSECT, EXIT RAMP, LT TURN	12.8
WEST INTERSECT, EXIT RAMP, RT TURN	10.0
EAST INTERSECT, EXIT RAMP, LT TURN	11.4
EAST INTERSECT, EXIT RAMP, RT TURN	10.0
EAST INTERSECT, ENTRANCE RAMP	11.9
EAST INTERSECT, ENTRANCE RAMP, RT TURN	6.7
STA 356+47	22.4
TOTAL:	
	140

\*NOTE: THE HMA SURFACE COURSE, BITUMINOUS MATERIALS (PRIME COAT) AND AGGREGATE (PRIME COAT) FROM STA 342+10 TO 356+47 INCLUDES AN HMA WEDGE ON THE SHOULDERS.

PAVEMENT MARKING SCHEDULE										
LOCATION		PAINT LINE 4 INCH	THERMO LINE 4 INCH			THERMO LINE 12 INCH	THERMO LINE 24 INCH	THERMO LETTERS & SYMBOLS	RAISED REFLECT PAVE MARKERS	
		SOLID WHITE (FOOT)	SOLID WHITE (FOOT)	SOLID YELLOW (FOOT)	WHITE SKIP DASH (FOOT)	SOLID YELLOW (FOOT)	SOLID WHITE (FOOT)	(SQ FT)	CRYSTAL (EACH)	AMBER (EACH)
STA	TO STA									
COLLINSVILLE ROAD										
300+40	TO 311+65	1855								
325+08	TO 329+25		692	834	160	12	53	31.2	11	6
329+25	TO 330+09		24				21			
330+09	TO 342+10		2877	2282	560		92	78	44	
342+10	TO 356+47		2811	3105	710	31	64	15.6	41	33
SUB TOTAL:			6404	6221	1430	43	230	124.8	96	39
TOTAL:				14055		43	230	124.8	135	

SIGN SCHEDULE			
LOCATION	REM GROUND MOUNTED SIGN	TELESCOPING ST SIGN SUPPORT	SIGN PANEL, TY 1
STA	(EACH)	(FOOT)	(SQ FT)
330+22	1	8	5.0
TOTAL:	1	8	5

SIGN R4-7 (KEEP RIGHT)



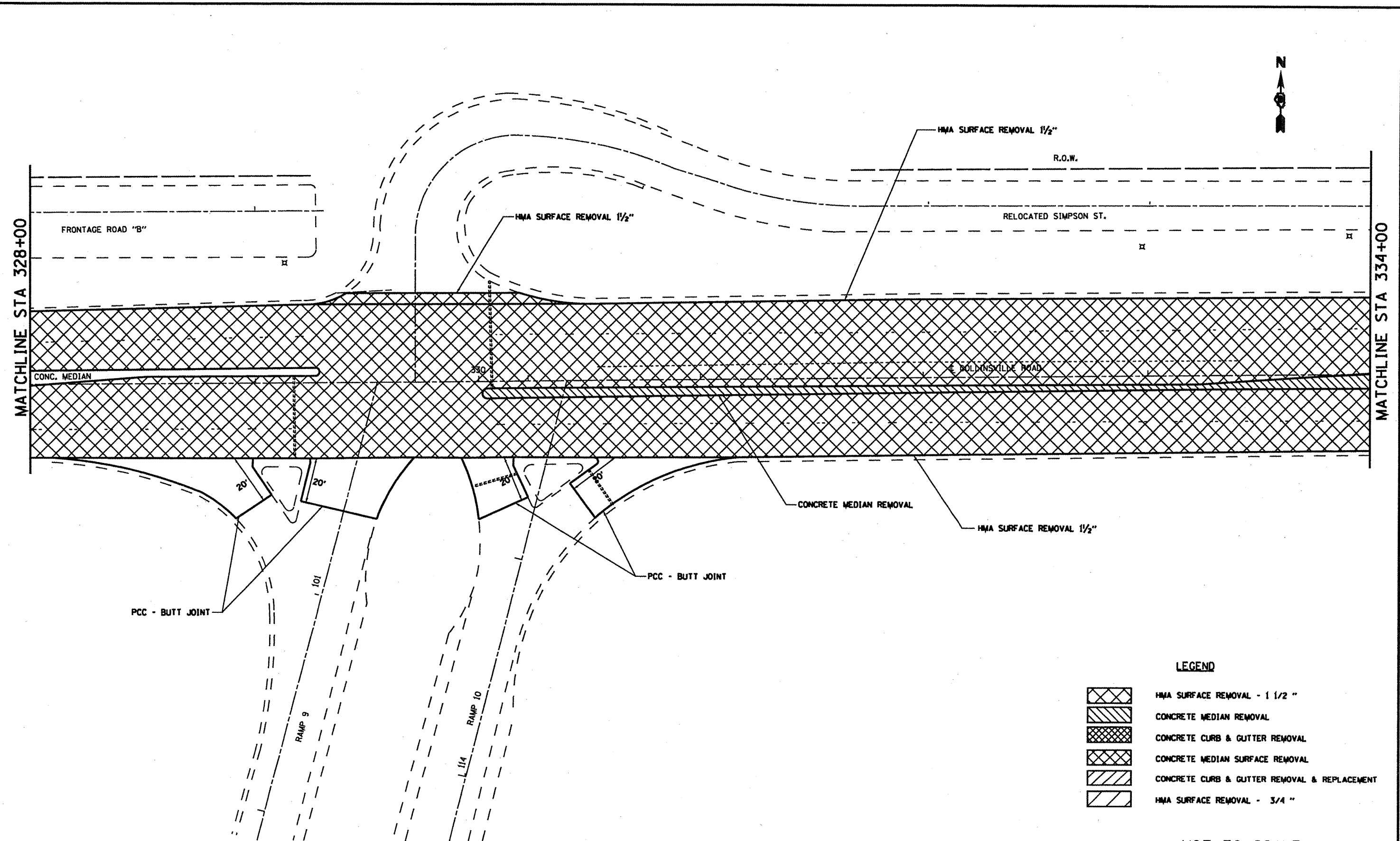
MATCHLINE STA 328+00

**LEGEND**







- HMA SURFACE REMOVAL - 1 1/2 "
- CONCRETE MEDIAN REMOVAL
- CONCRETE CURB & GUTTER REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT
- HMA SURFACE REMOVAL - 3/4 "

NOT TO SCALE:  
APPROXIMATE 20 SCALE

FILE NAME *	USER NAME * alfordb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL DETAIL</b>	F.A.J. RTE. 9120	SECTION 28RS-6	COUNTY MADISON	TOTAL SHEETS 33	SHEET NO. 13
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						CONTRACT NO. 76084				
						ILLINOIS FED. AID PROJECT				



**LEGEND**

-  HMA SURFACE REMOVAL - 1 1/2 "
-  CONCRETE MEDIAN REMOVAL
-  CONCRETE CURB & GUTTER REMOVAL
-  CONCRETE MEDIAN SURFACE REMOVAL
-  CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT
-  HMA SURFACE REMOVAL - 3/4 "

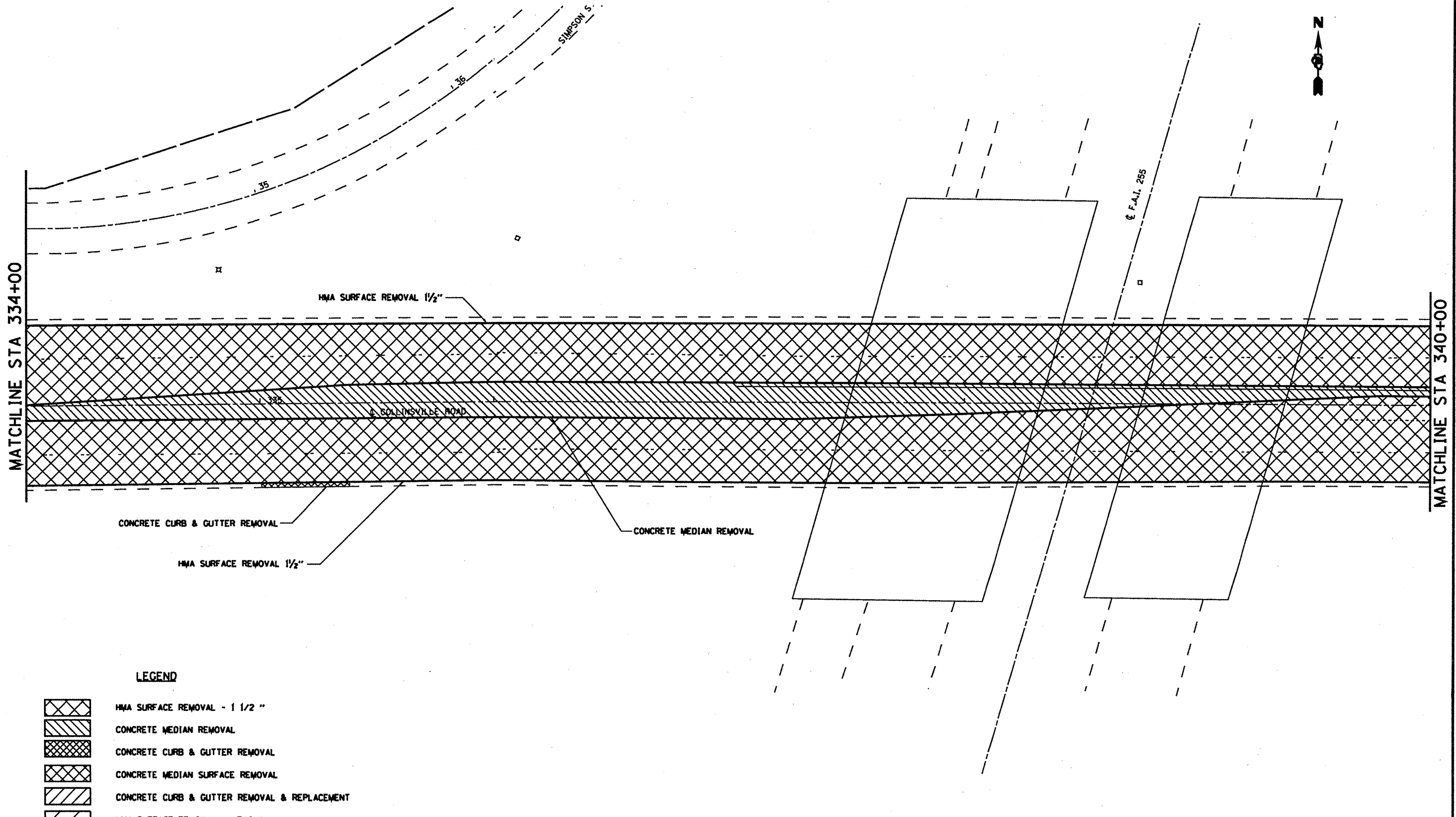
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PLOT DATE * 3/18/2010		DATE -	REVISED -







**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL DETAIL</b>			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9128	2895-6	MADISON	33	14
				CONTRACT NO. 76084
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  HMA SURFACE REMOVAL - 1 1/2 "
-  CONCRETE MEDIAN REMOVAL
-  CONCRETE CURB & GUTTER REMOVAL
-  CONCRETE MEDIAN SURFACE REMOVAL
-  CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT
-  HMA SURFACE REMOVAL - 3/4 "

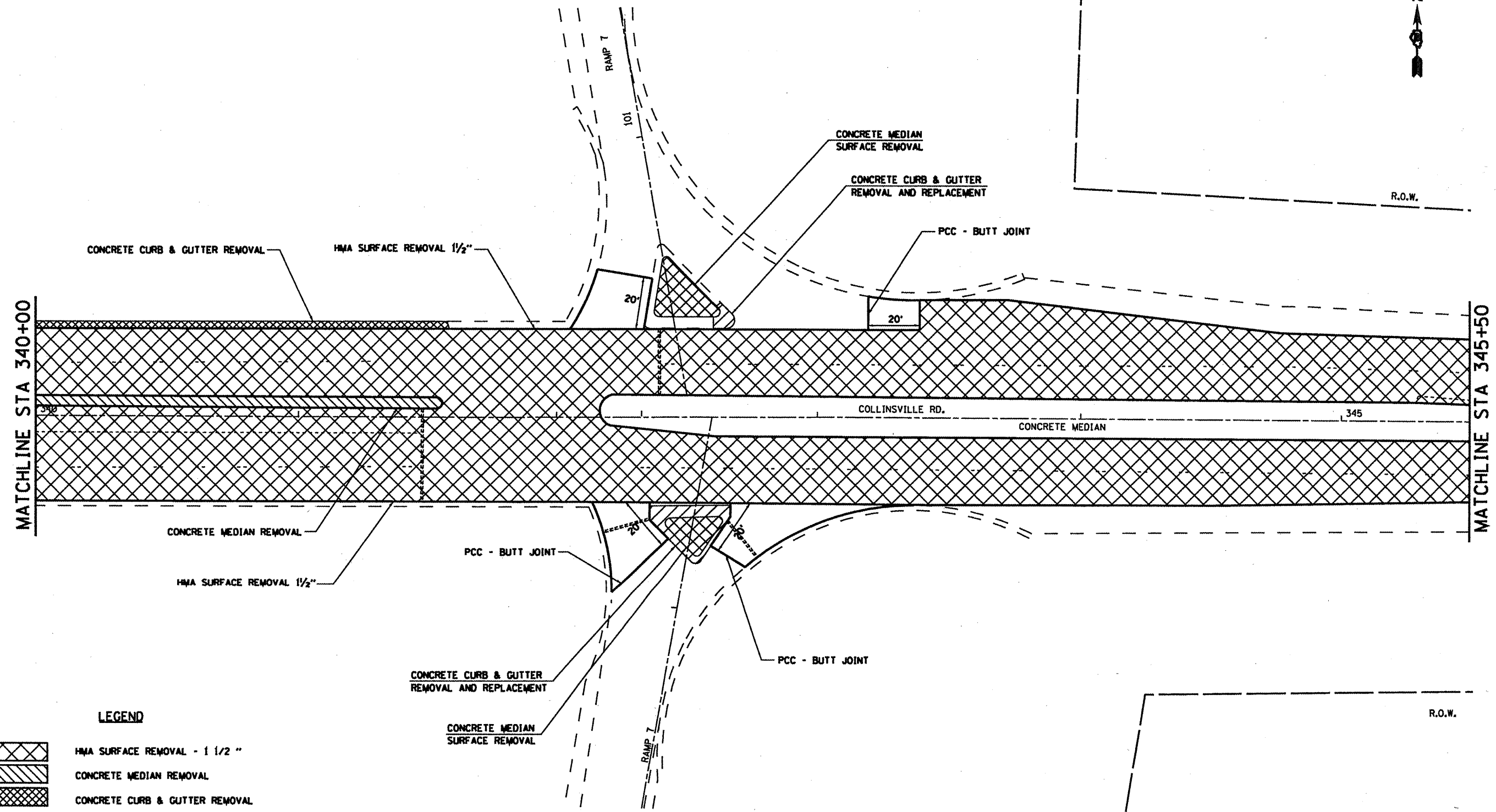
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	PLOT DATE = 3/18/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL DETAIL</b>			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9128	20RS-6	MADISON	33	15
CONTRACT NO. 76084				
ILLINOIS/FTA AID PROJECT				



**LEGEND**

- HMA SURFACE REMOVAL - 1 1/2 "
- CONCRETE MEDIAN REMOVAL
- CONCRETE CURB & GUTTER REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT
- HMA SURFACE REMOVAL - 3/4 "

NOT TO SCALE:  
APPROXIMATE 20 SCALE

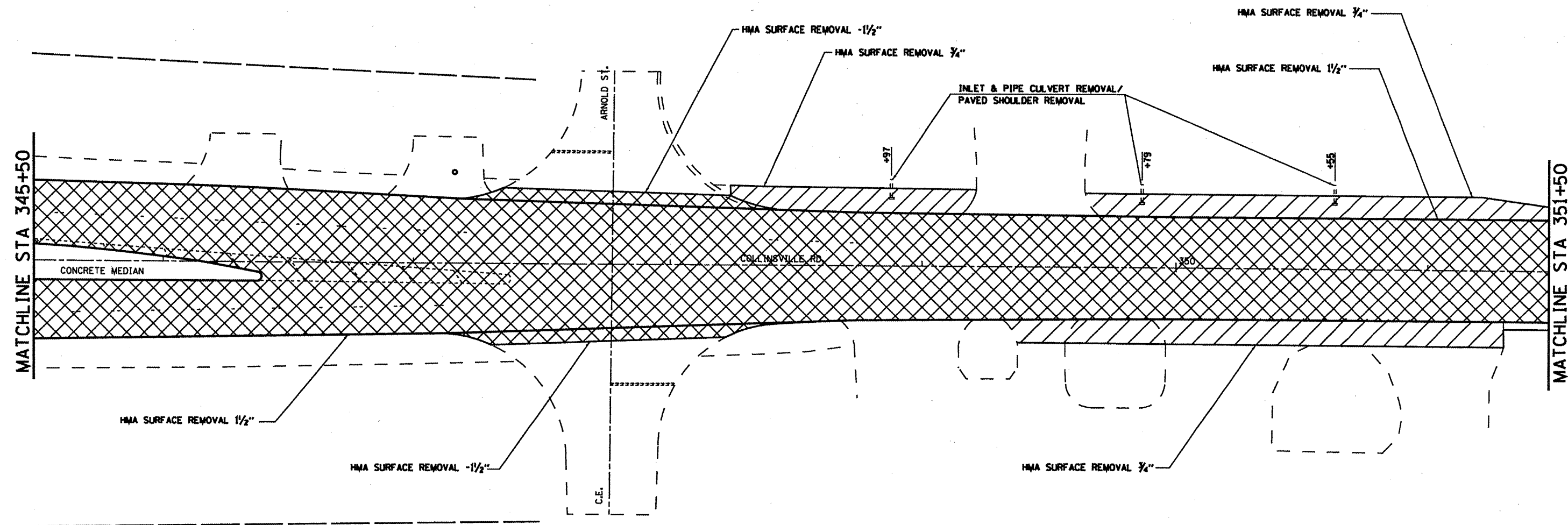
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PLOT DATE * 3/18/2018		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL DETAIL</b>			
SCALE: NONE	SHEET NO. OF SHEETS	STA.	TO STA.

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9128	2895-6	MADISON	33	16
CONTRACT NO. 76084				
<small>ILLINOIS FED. AID PROJECT</small>				





**LEGEND**

- HMA SURFACE REMOVAL - 1 1/2 "
- CONCRETE MEDIAN REMOVAL
- CONCRETE CURB & GUTTER REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT
- HMA SURFACE REMOVAL - 3/4 "

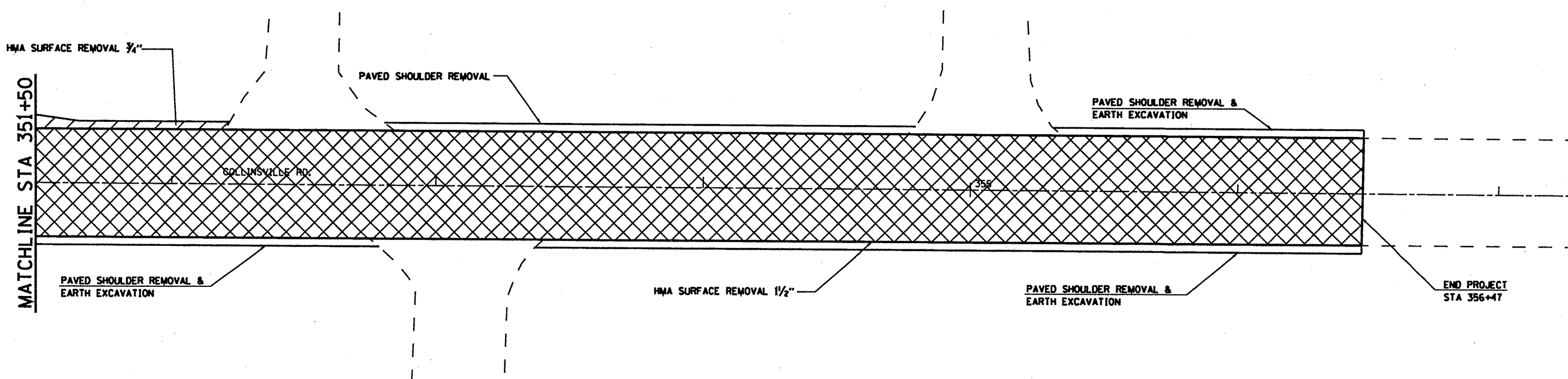
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	PLOT DATE = 3/18/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PAVEMENT REPLACEMENT</b>			
SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9128	20R5-6	MADISON	33	17
CONTRACT NO. 76084				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 351+50

END PROJECT  
STA 356+47

**LEGEND**

- HMA SURFACE REMOVAL - 1 1/2 "
- CONCRETE MEDIAN REMOVAL
- CONCRETE CURB & GUTTER REMOVAL
- CONCRETE MEDIAN SURFACE REMOVAL
- CONCRETE CURB & GUTTER REMOVAL & REPLACEMENT
- HMA SURFACE REMOVAL - 3/4 "

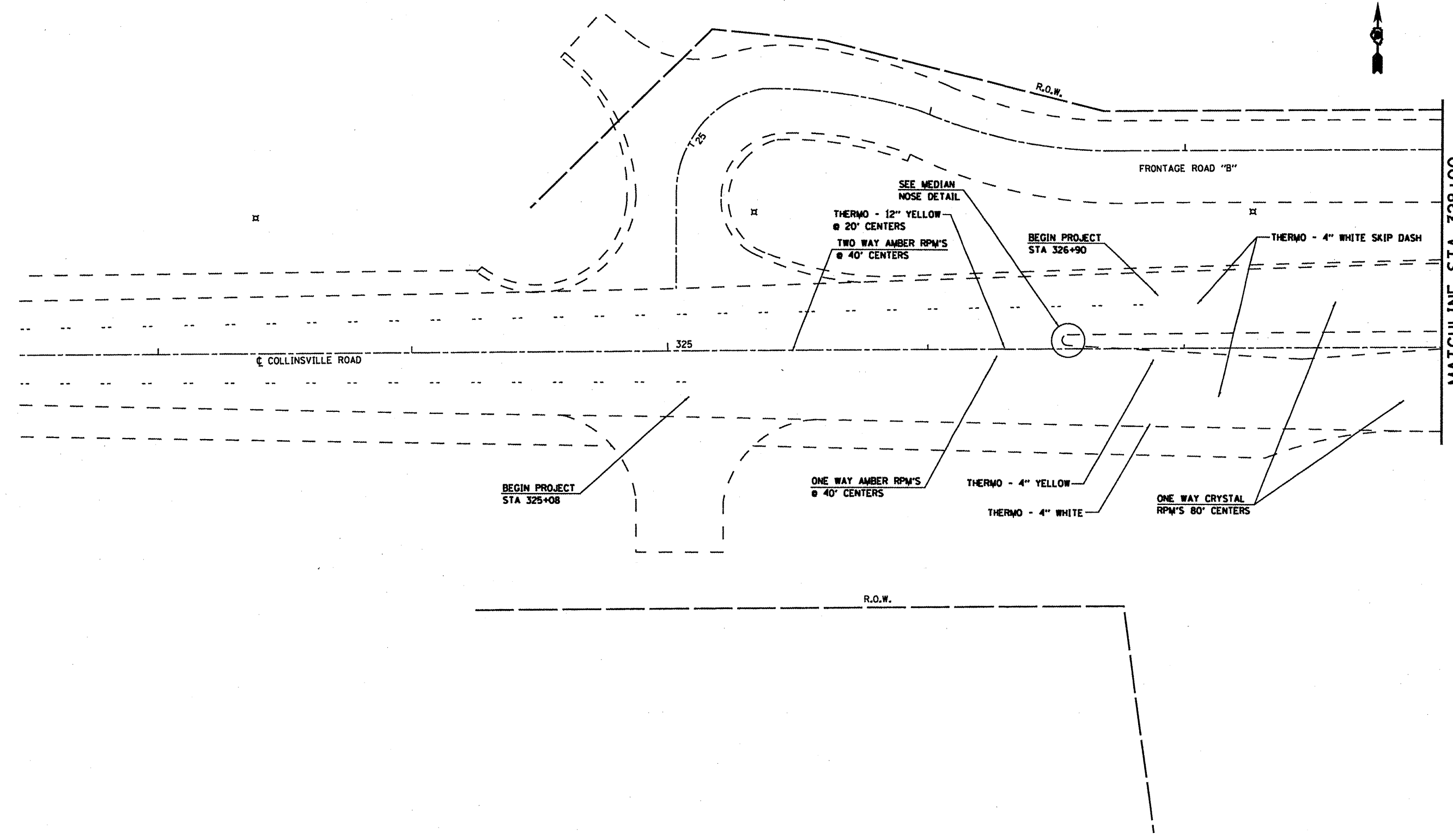
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

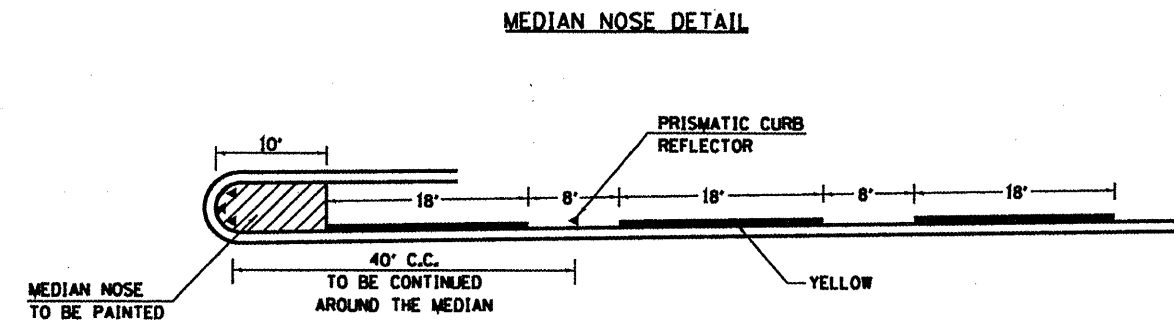
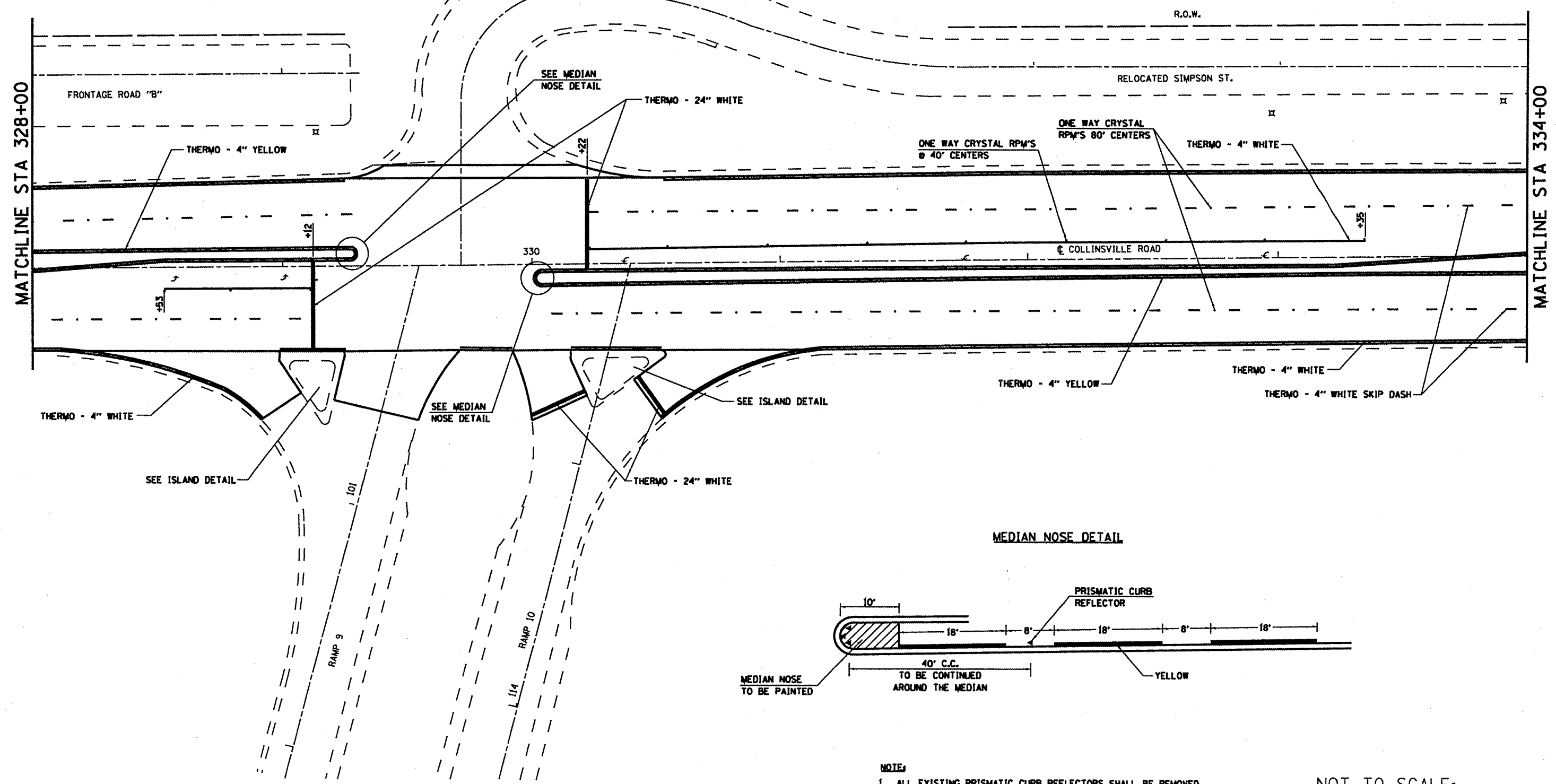
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9128	28RS-6	MADISON	33	18
CONTRACT NO. 76084				
ILLINOIS FED. AID PROJECT				



NOT TO SCALE:  
APPROXIMATE 20 SCALE

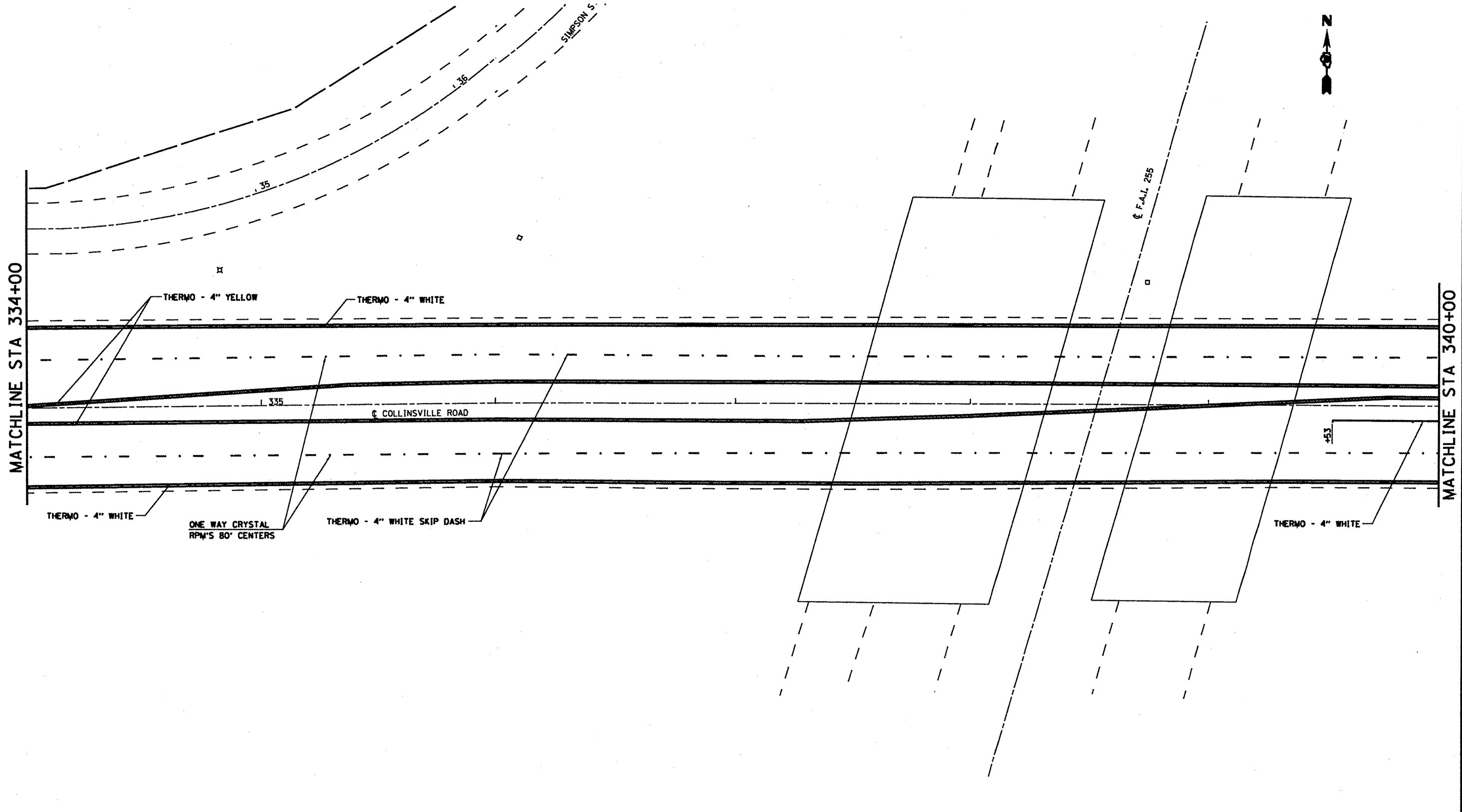
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	PLOT DATE * 3/17/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



**NOTE:**  
 1. ALL EXISTING PRISMATIC CURB REFLECTORS SHALL BE REMOVED. THE REMOVAL OF THESE REFLECTORS SHALL BE INCLUDED IN THE PRICE FOR THE NEW PRISMATIC CURB REFLECTORS.

NOT TO SCALE:  
 APPROXIMATE 20 SCALE

FILE NAME *	USER NAME * alfordb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
as\pe_work\periods\alfordb\175870\187614-sht-plandgn	DRAWN - TRF	REVISED -	REVISED -			9128	28RS-6	MADISON	33	20
PLOT SCALE = 48,0000 "/ IN.	CHECKED -	REVISED -	REVISED -			SCALE: NONE		SHEET NO. OF SHEETS		CONTRACT NO. T6084
PLOT DATE = 3/17/2018	DATE -	REVISED -	REVISED -			STA. TO STA.		ILLINOIS FED. AID PROJECT		



NOT TO SCALE:  
APPROXIMATE 20 SCALE

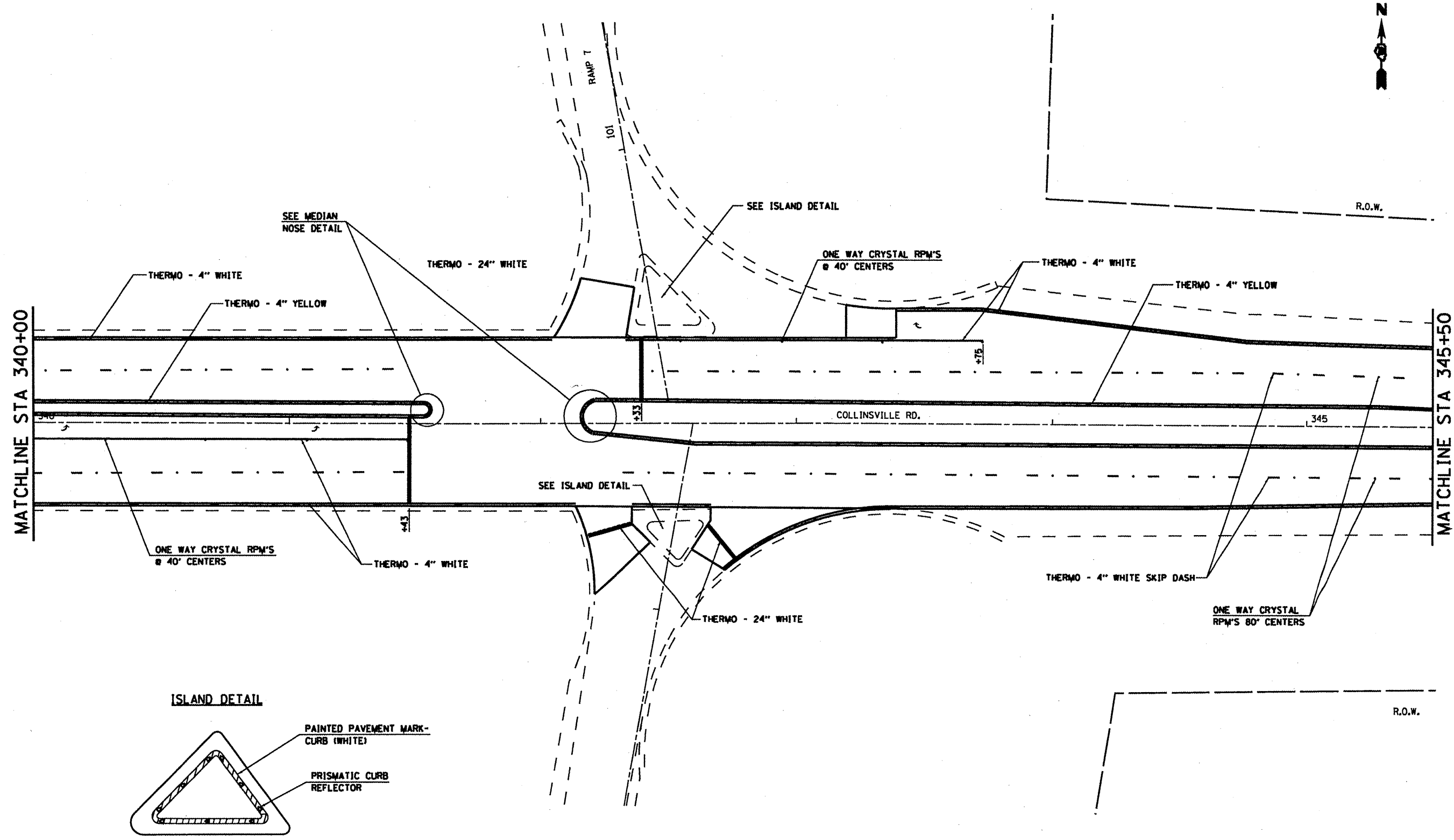
FILE NAME *	USER NAME * alfordb	DESIGNED -	REVISED -
as\pe_work\pavdos\alfordb\08175870\087644-shr-plan.dgn		DRAWN - TRF	REVISED -
	PLOT SCALE = 48,0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2010	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

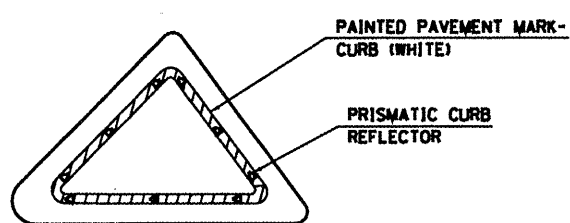
PAVEMENT MARKING

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9128	28RS-6	MADISON	33	21
CONTRACT NO. 76084			ILLINOIS FED. AID PROJECT	



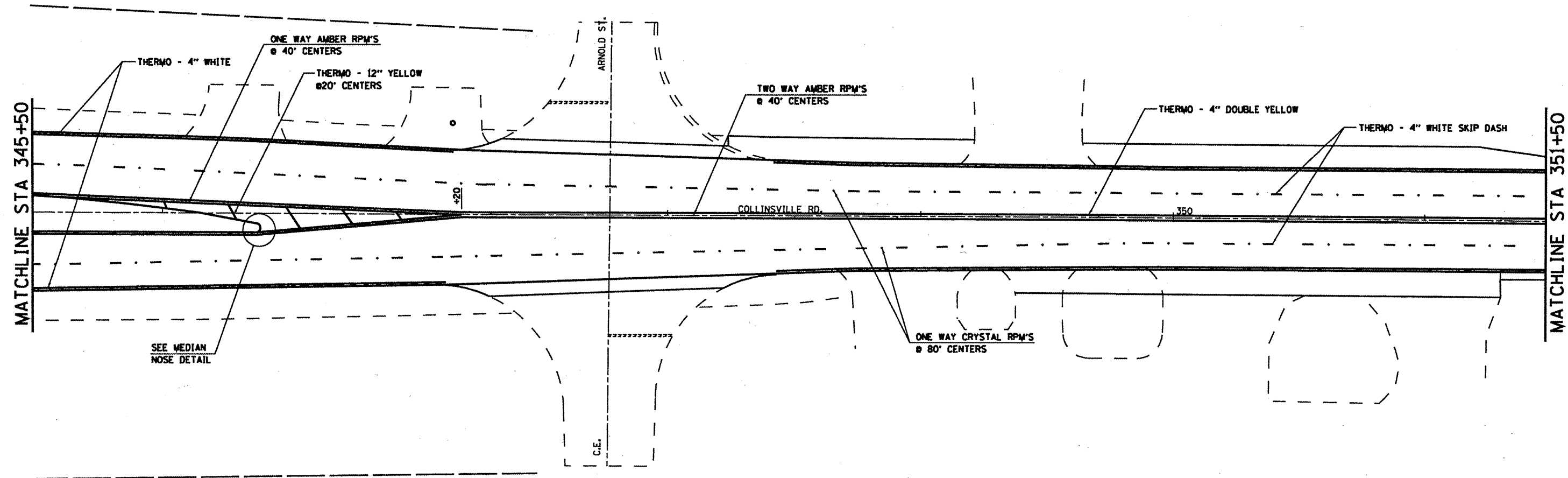
**ISLAND DETAIL**



**NOTE:**  
 1. ALL EXISTING PRISMATIC CURB REFLECTORS SHALL BE REMOVED. THE REMOVAL OF THESE REFLECTORS SHALL BE INCLUDED IN THE PRICE FOR THE NEW PRISMATIC CURB REFLECTORS.

NOT TO SCALE:  
 APPROXIMATE 20 SCALE

FILE NAME - <small>of:\pe_work\pavdos\elford\08175875\0878</small>	USER NAME - elford	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS          DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING</b>		F.A.J. R.Y.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - TRF	CHECKED -	REVISED -				9128	28RS-6	MADISON	33	22
	PLOT SCALE - 48,0000' / IN.	DATE -	REVISED -		SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. T6084			
	PLOT DATE - 3/17/2018	DATE -	REVISED -		<small>ILLINOIS FIELD AND PROJECT</small>						



NOT TO SCALE:  
APPROXIMATE 20 SCALE

FILE NAME *	USER NAME * eifordb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING</b>			F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pavdos\elfordb\08175076\0876	B4-shr-plendgn	DRAWN - TRF	REVISED -					9128	28RS-6	MADISON	33	23
	PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -		SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 76084				
	PLOT DATE = 3/17/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



MATCHLINE STA 351+50

COLLINSVILLE RD.

ONE WAY CRYSTAL  
RPM'S 80' CENTERS

THERMO - 4" WHITE SKIP DASH

THERMO - 4" WHITE

THERMO - 4" DOUBLE YELLOW

TWO WAY AMBER RPM'S  
@ 40' CENTERS

END PROJECT  
STA 356+47

355

NOT TO SCALE:  
APPROXIMATE 20 SCALE

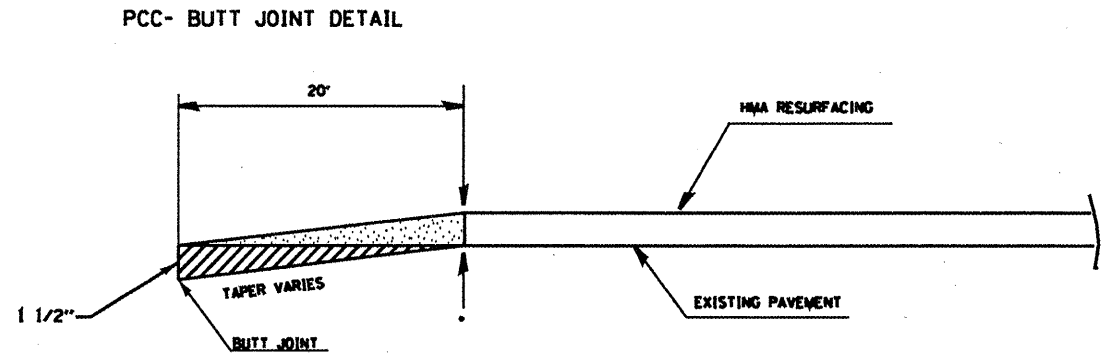
FILE NAME *	USER NAME * alfordb	DESIGNED -	REVISED -
al:\pe_work\peidos\alfordb\08175070\087604-shr-plan.dgn		DRAWN - TRF	REVISED -
	PLOT SCALE * 48,0000 / IN.	CHECKED -	REVISED -
	PLOT DATE * 3/17/2010	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

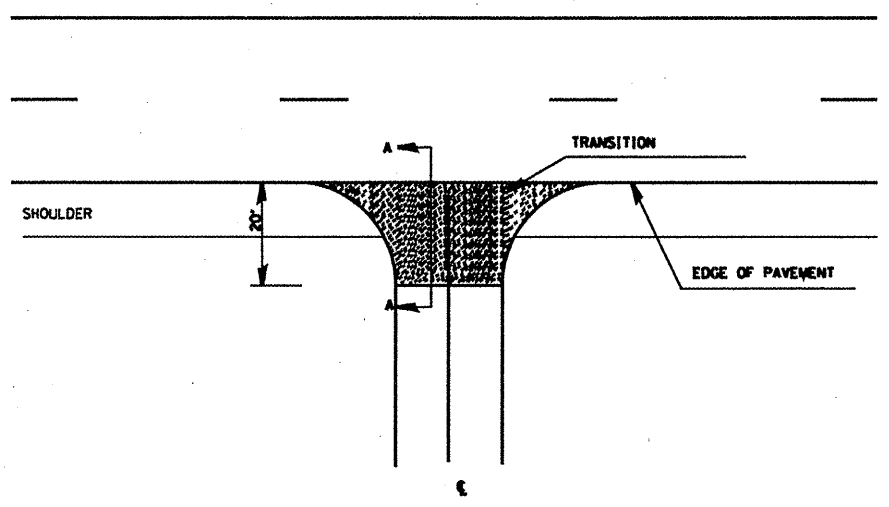
FAU RTE. 9128	SECTION 28RS-6	COUNTY MADISON	TOTAL SHEETS 33	SHEET NO. 24
CONTRACT NO. 76084				
ILLINOIS FED. AID PROJECT				





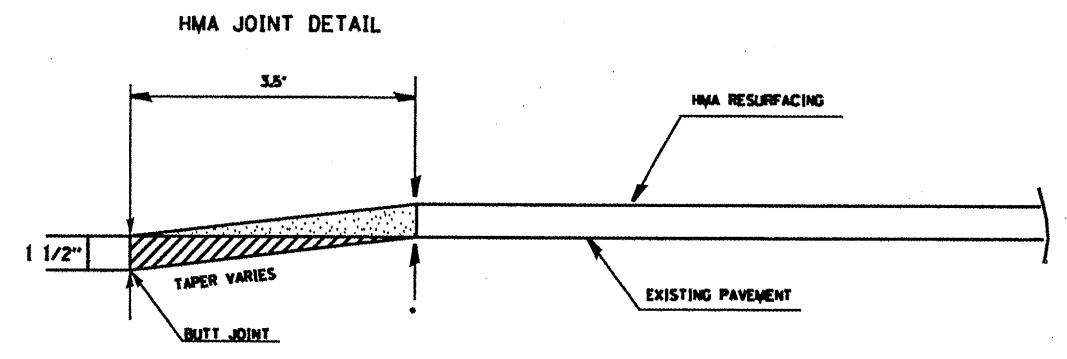
TRANSITION DETAIL  
SECTION A-A

BUTT-JOINT ADDITION



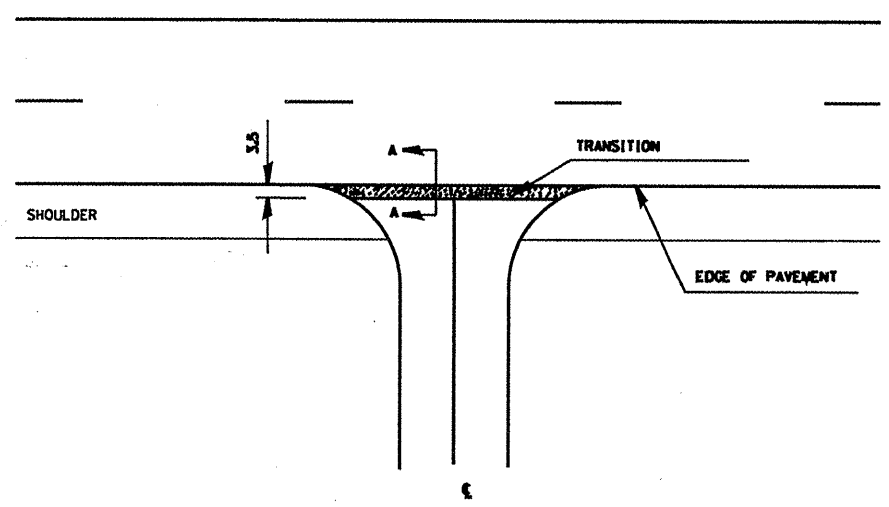
RAMP DETAIL

• ALL ENTRANCE RAMPS & EXIT RAMPS TO I-255



TRANSITION DETAIL  
SECTION A-A

BUTT-JOINT ADDITION



SIDEROAD DETAIL

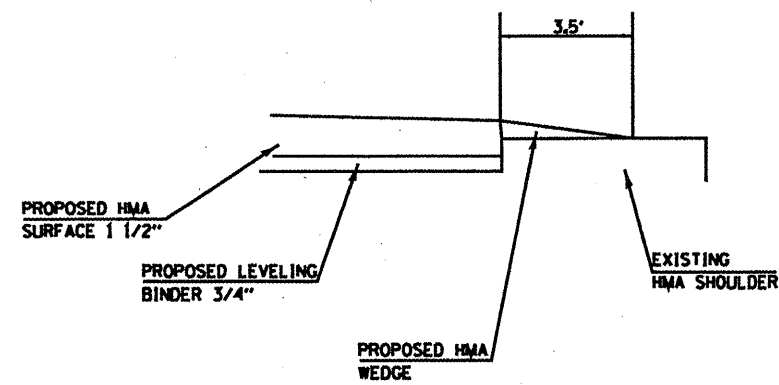
• SIMPSON ST, ARNOLD ST, AND STA. 347+20 TO 348+22 RT

FILE NAME *	USER NAME * alfordb	DESIGNED -	REVISED -
ca:\pe_work\peidat\alfordb\08175875\0875	04-shr-plan.dgn	DRAWN -	REVISED -
PLOT SCALE * 1/8" = 1' IN.		CHECKED -	REVISED -
PLOT DATE * 3/18/2010		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

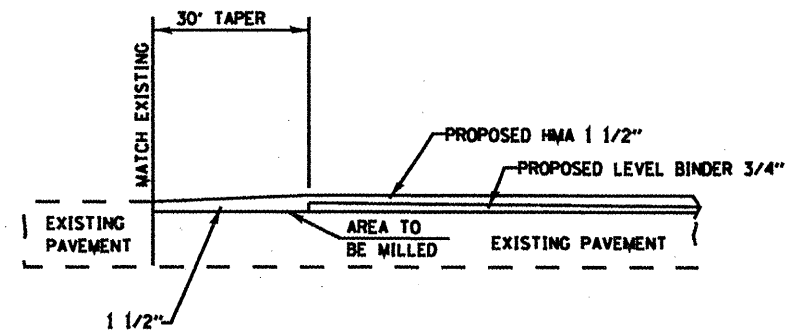
<b>DETAILS</b>			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

P.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9120	28RS-6	MADISON	33	25
CONTRACT NO. 76084				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



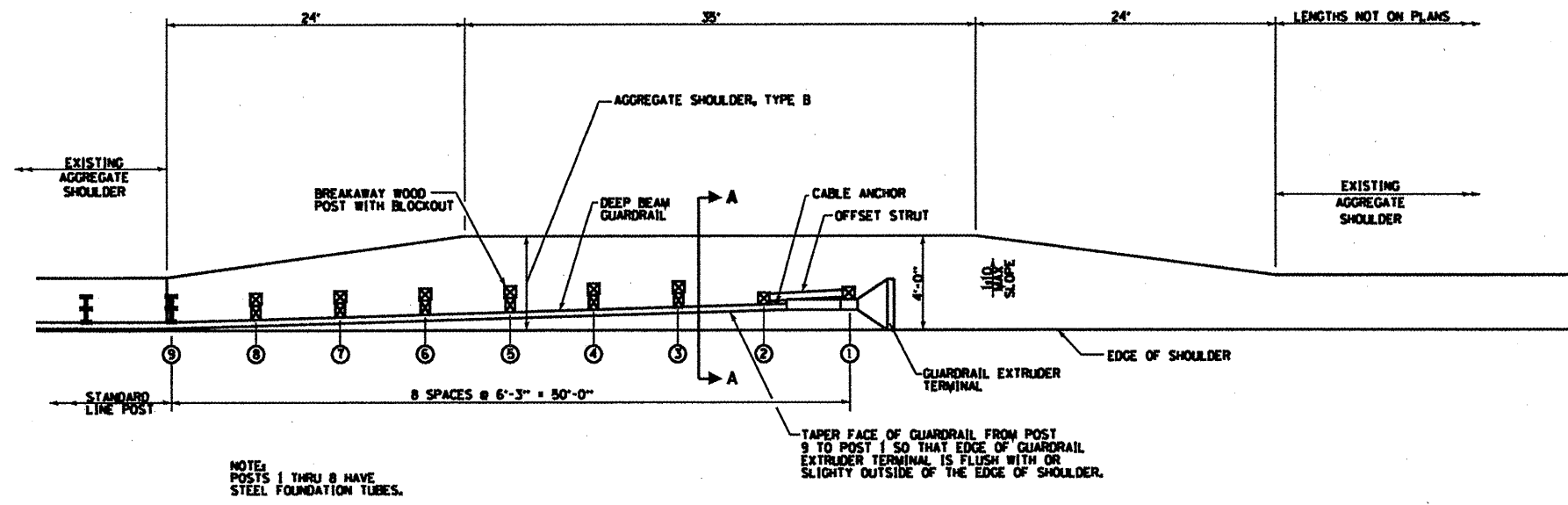
**HMA WEDGE DETAIL**

STA. 325+38 TO STA. 327+70 RT  
 STA. 343+55 TO STA. 349+62 RT (OMIT COMMERCIAL ENTRANCE)  
 STA. 343+60 TO STA. 347+35 LT



**END JOINT DETAIL  
 PROFILE VIEW**

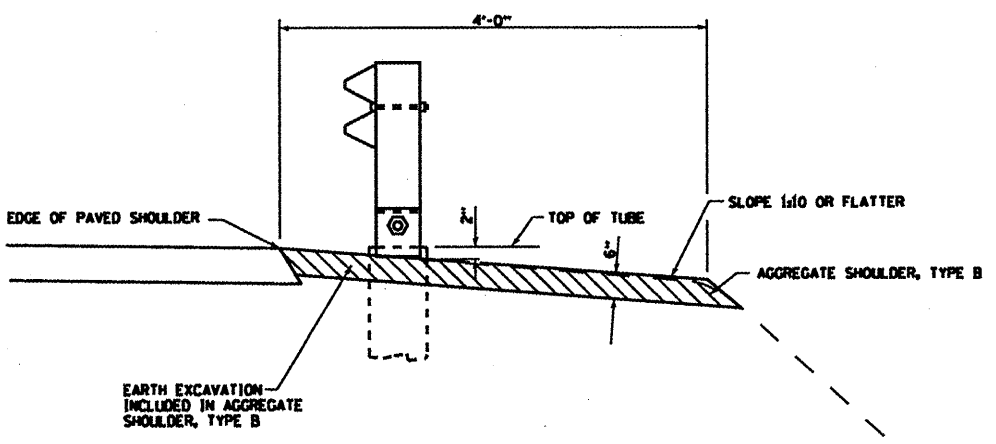
FILE NAME *	USER NAME * eifordb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ar\pe...ork\pedit\elfordb\08175075\0870	84-ht-plenudgn	DRAWN -	REVISED -				9128	28RS-6	MADISON	33	26	
PLOT SCALE * 100.0000' / IN.		CHECKED -	REVISED -		SCALE: NONE		SHEET NO. OF SHEETS		STA.	TO STA.	CONTRACT NO. 76004	
PLOT DATE * 3/17/2018		DATE -	REVISED -				FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			



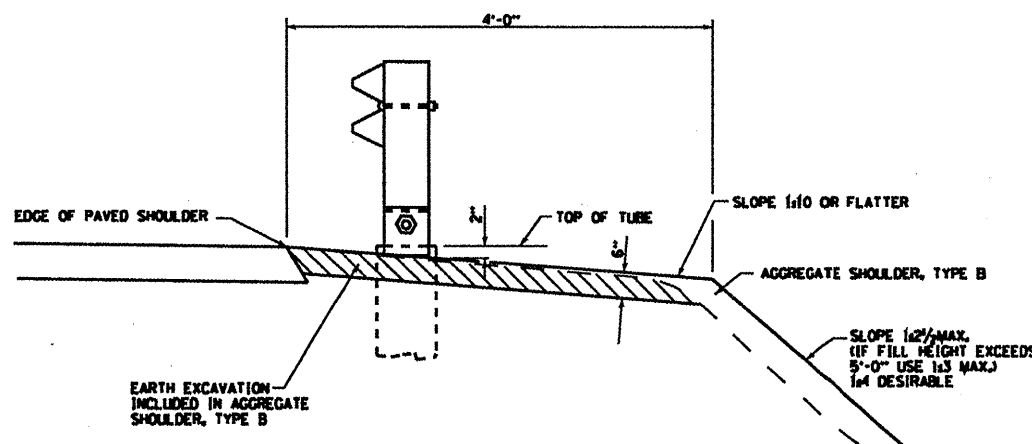
NOTE:  
POSTS 1 THRU 8 HAVE  
STEEL FOUNDATION TUBES.

TAPER FACE OF GUARDRAIL FROM POST  
9 TO POST 1 SO THAT EDGE OF GUARDRAIL  
EXTRUDER TERMINAL IS FLUSH WITH OR  
SLIGHTLY OUTSIDE OF THE EDGE OF SHOULDER.

**TRAFFIC BARRIER TERMINAL TYPE 1 (SPECIAL)**



**SECTION A-A ALTERNATE 1**  
(IMPACT HEAD OMITTED FOR CLARITY.)



**SECTION A-A ALTERNATE 2**  
(IMPACT HEAD OMITTED FOR CLARITY.)

FILE NAME w/120	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET NO.	
	PLOT SCALE	DRAWN	REVISED			9128	28RS-6	MADISON	33	27
	PLOT DATE	CHECKED	REVISED			SCALE: NONE		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	
		DATE	REVISED			SHEET NO. 1 OF 1 SHEETS		TO STA.	CONTRACT NO. 76084	

SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE Y031	
CODE NO	ITEM	UNIT		CLLNSVL. RD. & I-255 RAMPS 9 & 10	CLLNSVL. RD. & I-255 RAMPS 7 & 8
<del>80500100</del>	LOCATING UNDERGROUND CABLE	FOOT	100	55	45
<del>80600600</del>	DETECTOR LOOP REPLACEMENT	FOOT	2531	1402	929

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR COLLINSVILLE ROAD AND I-255 RAMPS 9 & 10

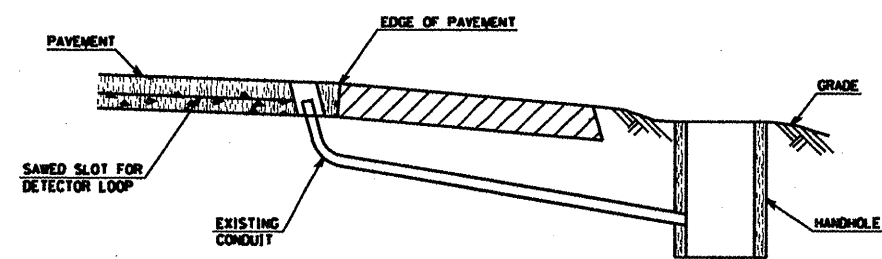
LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH)	CALCULATED RESISTANCE OHMS (Ω)
1. 1E SL	6	6 X 6	6	370.8	3.0
2. 1E SL	6	6 X 6	6	368.2	2.9
3. 2E OL	6	6 X 30-0	3-6-3	563.2	2.7
4. 2E OL	6	6 X 30-0	3-6-3	560.3	2.7
5. EB LT CD	1	6 X 50-0	3-6-3	832.64	2.7
6. NB LT CD	3	6 X 58-0	3-6-3	952.0	2.9
7. NB RT CD	3	6 X 65-0	3-6-3	1054.78	3.0
8. 3W SL	2	6 X 6	6	300.9	1.4
9. 3W SL	2	6 X 6	6	297.8	1.3
10. 3W SML	2	6 X 6	6	300.9	1.4
11. 3W SML	2	6 X 6	6	297.8	1.3
12. WB LT CD	5	6 X 50-0	3-6-3	835.3	2.7
13. WB LT CD	5	6 X 50-0	3-6-3	835.3	2.7
14. SB THRU CD	NA	NA	NA	NA	NA

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR COLLINSVILLE ROAD AND I-255 RAMPS 7 & 8

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH)	CALCULATED RESISTANCE OHMS (Ω)
1. 4E SL	6	6 X 6	6	368.4	2.9
2. 4E SL	6	6 X 6	6	364.4	2.9
3. 4E SML	6	6 X 6	6	368.0	2.9
4. 4E SML	6	6 X 6	6	364.4	2.9
5. EB LT CD	1	6 X 50-0	3-6-3	841.9	2.9
6. EB LT CD	1	6 X 50-0	3-6-3	841.9	2.9
7. NB LT CD	4	6 X 50-0	3-6-3	816.4	2.3
8. NB RT CD	4	6 X 50-0	3-6-3	795.7	1.8
9. 5W SL	2	6 X 6	6	371.7	3.0
10. 5W SL	2	6 X 6	6	367.7	2.9

THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

CD=CALL DELAY  
O=QUADRAPOLE  
OL=QUEUEING LOOP  
SL=SYSTEM LOOP  
SML=SPEED MONITOR LOOP

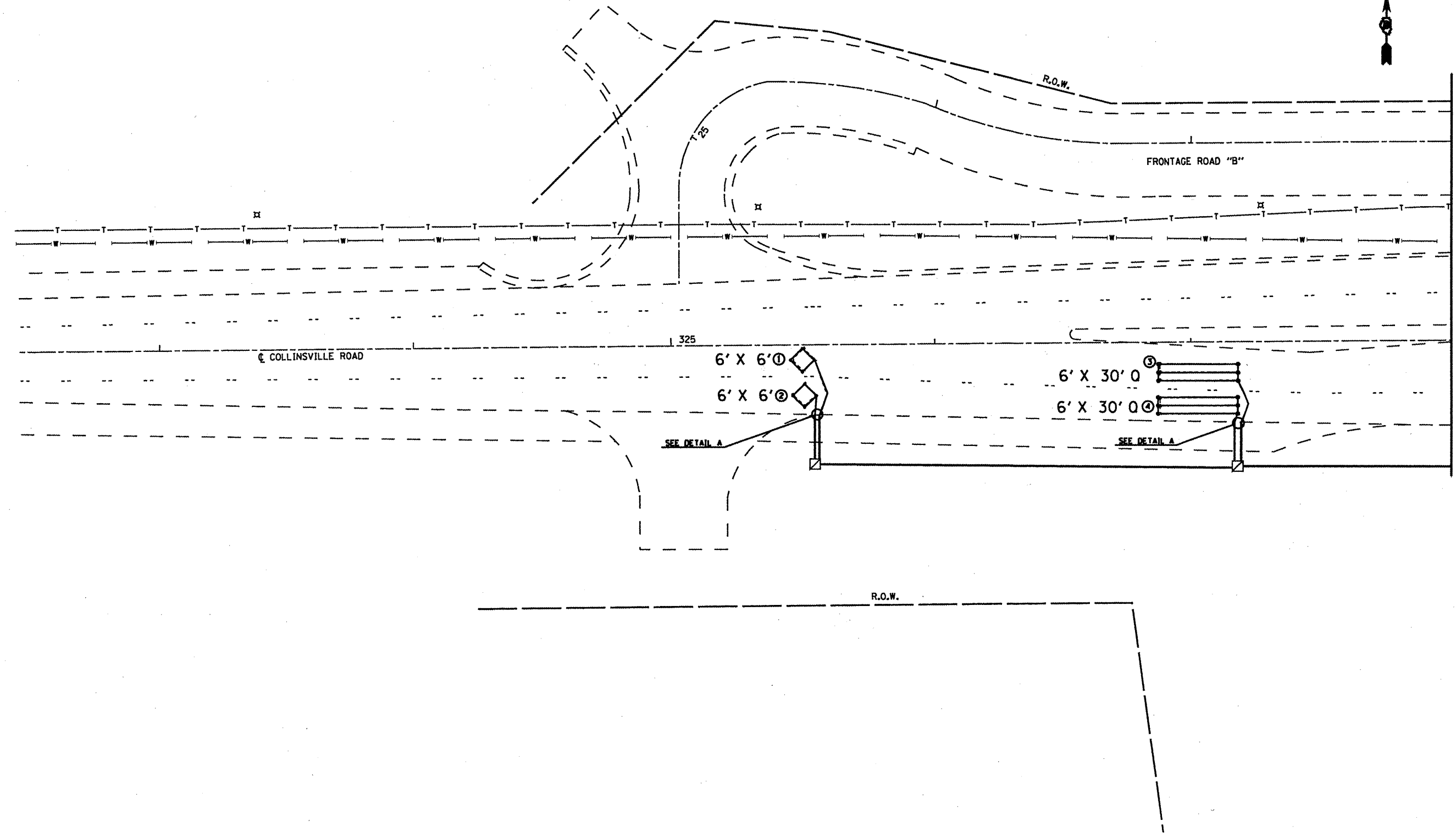


DETAIL A  
(NO SCALE)  
RE-USE EXISTING DETECTOR LOOP LEAD-IN CONDUIT

- 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.

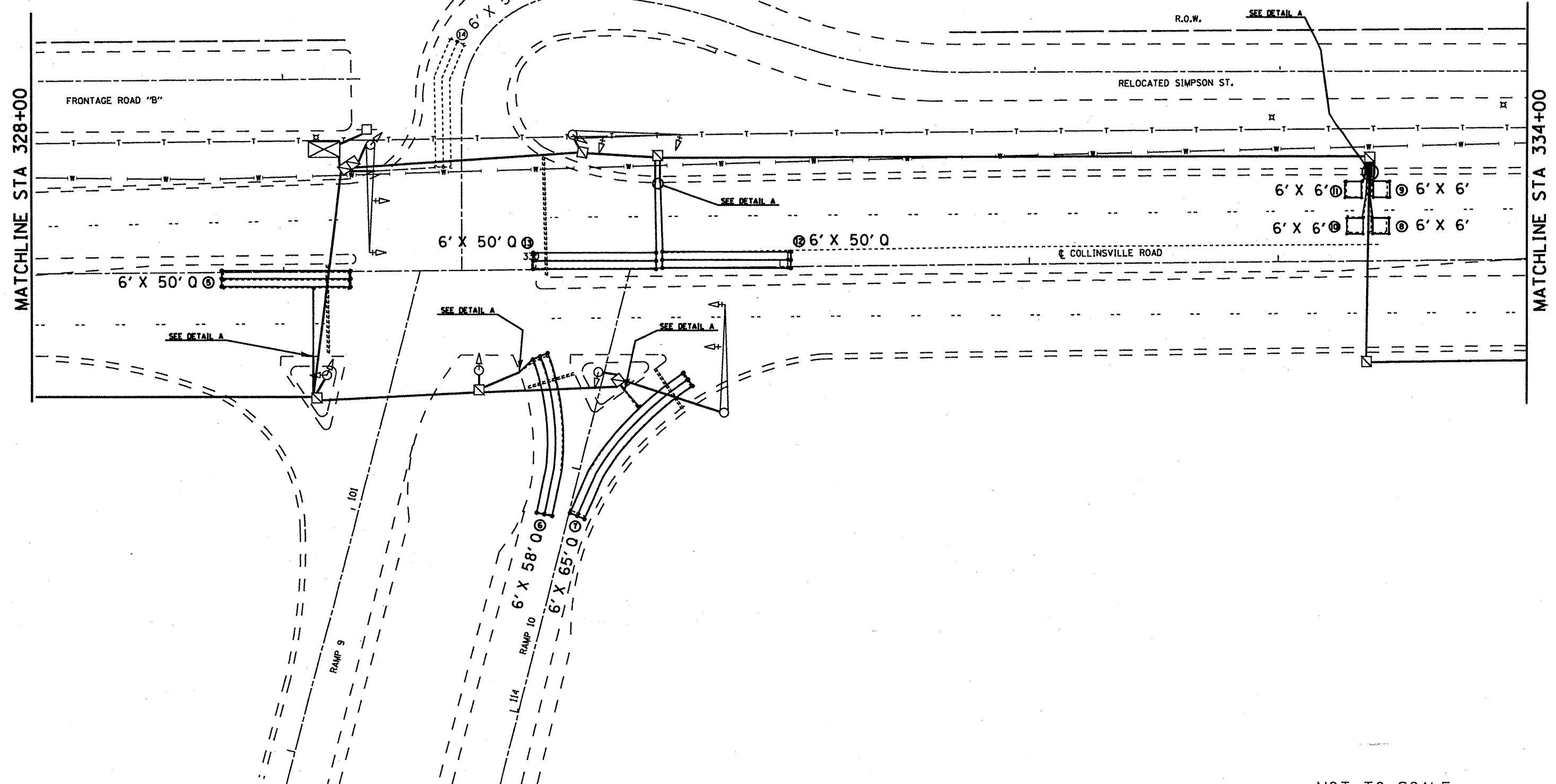
NOT A PAY ITEM. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PAY ITEM "DETECTOR LOOP REPLACEMENT".  
THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING THE EXISTING CONDUIT DURING CONSTRUCTION. SHOULD ANY DAMAGE TO THE CONDUIT OCCUR DUE TO THE OPERATIONS, REPAIR SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND WILL BE DONE AT THE CONTRACTOR'S EXPENSE.

FILE NAME *	USER NAME * alfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT SCHEDULE OF QUANTITIES, DETECTOR LOOP REQ. & CALC. AND DETAIL	F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
al:\p\work\pedit\alfordb\08175875\0878	94-shi-plendgn	DRAWN -	REVISED -			9128	26RS-6	MADISON	33	26
PLOT SCALE * 48,0000 ' / IN.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. T6084		ILLINOIS FED. AID PROJECT		
PLOT DATE * 3/17/2018	DATE -	REVISED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	



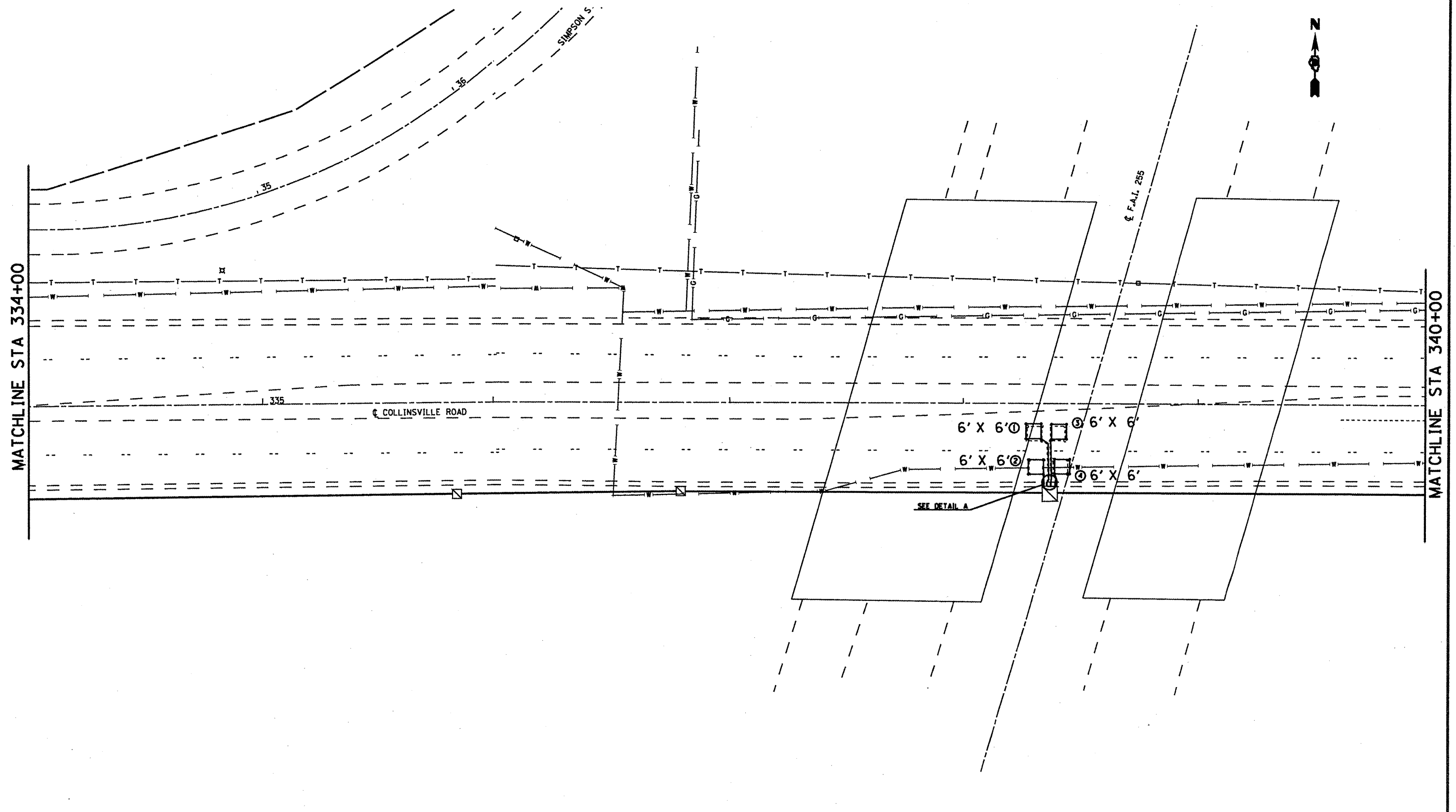
NOT TO SCALE:  
APPROXIMATE 20 SCALE

FILE NAME *	USER NAME * elfordb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN		FAJ RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pe_work\peidot\elfordb\08175875\0875	04-shr-plan.dgn	DRAWN -	REVISED -		1 OF 5		9128	28RS-6	MADISON	33	29
	PLOT SCALE = 48.0000 / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 76084
	PLOT DATE = 3/17/2010	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



NOT TO SCALE:  
APPROXIMATE 20 SCALE

FILE NAME *	USER NAME * elfordb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN</b>		F.A.U. RTE. 9128	SECTION 28RS-6	COUNTY MADISON	TOTAL SHEETS 33	SHEET NO. 30
ct:\pe...ork\pedit\elfordb\d0175870\d876	84-shr-plan.dgn	DRAWN -	REVISED -		2 OF 5						
	PLOT SCALE = 40.0000 "/ IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.					
	PLOT DATE = 3/17/2018	DATE -	REVISED -								



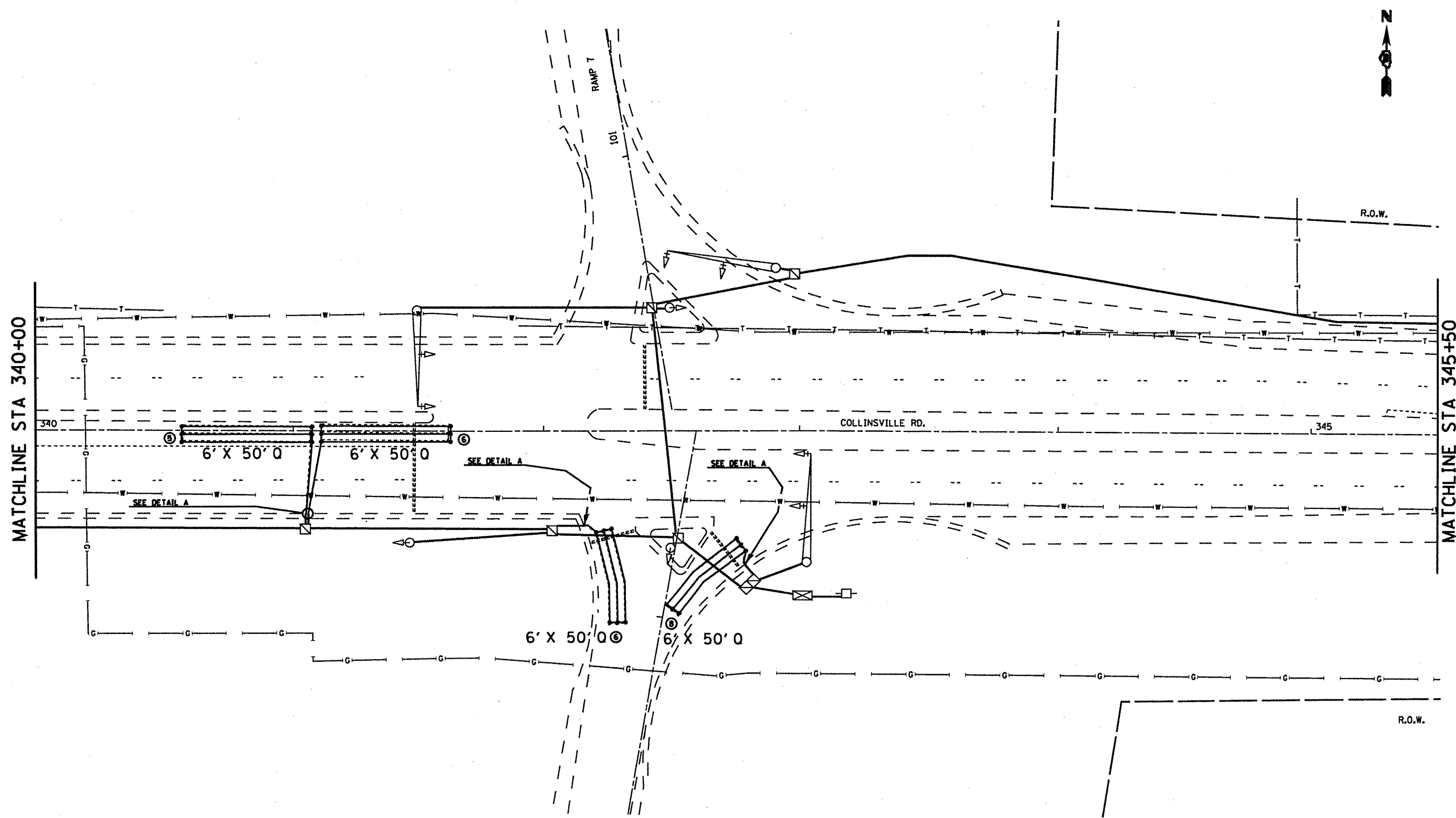
NOT TO SCALE:  
APPROXIMATE 20 SCALE

FILE NAME *	USER NAME * elfordb	DESIGNED -	REVISED -
ca:\poe\work\poidot\elfordb\08175878\0878-04-shr-plan.dgn		DRAWN -	REVISED -
	PLOT SCALE = 48,0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 3/17/2010	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETECTOR LOOP REPLACEMENT PLAN</b>			
3 OF 5			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

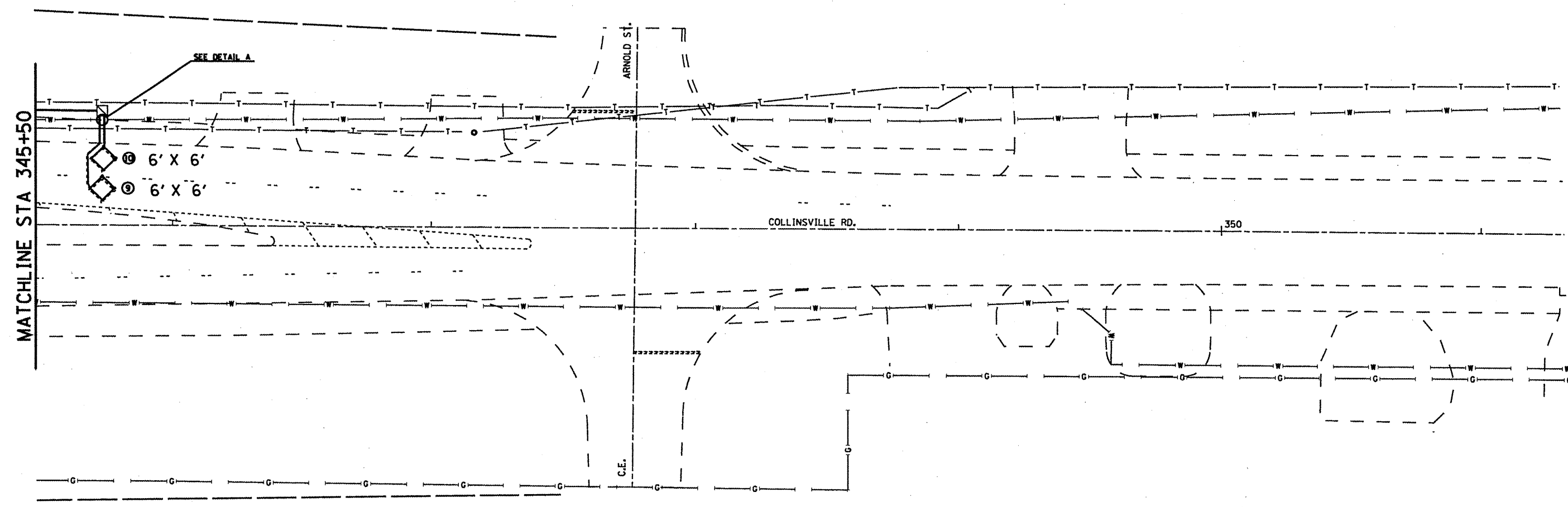
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9120	20RS-6	MADISON	33	31
CONTRACT NO. 76084				
ILLINOIS FED. AID PROJECT				



NOT TO SCALE:  
APPROXIMATE 20 SCALE

FILE NAME *	USER NAME * alfordb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN</b>			<b>ILLINOIS FED. AID PROJECT</b>	
al\pe_work\pedit\alfordb\0175875\0875	04-shs-plan.dgn	DRAWN -	REVISED -		<b>4 OF 5</b>				
	PLOT SCALE = 1/8" = 20' / IN.	CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.		F.A.J. RTE. 9128
	PLOT DATE = 3/17/2010	DATE -	REVISED -						SECTION 28RS-6
							COUNTY MADISON	TOTAL SHEETS 33	
							CONTRACT NO. 76084	SHEET NO. 32	





NOT TO SCALE:  
APPROXIMATE 20 SCALE

FILE NAME * c:\p\work\p\rdot\elford\06175875\0676	USER NAME * elford	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETECTOR LOOP REPLACEMENT PLAN</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	94-shr-plan.dgn	DRAWN -	REVISED -		5 OF 5				9128	20RS-6	MADISON	33	33
PLOT SCALE = 1/8" = 1' IN.	CHECKED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. T6084						
PLOT DATE = 3/17/2018	DATE -	REVISED -	ILLINOIS FED. AID PROJECT										