

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

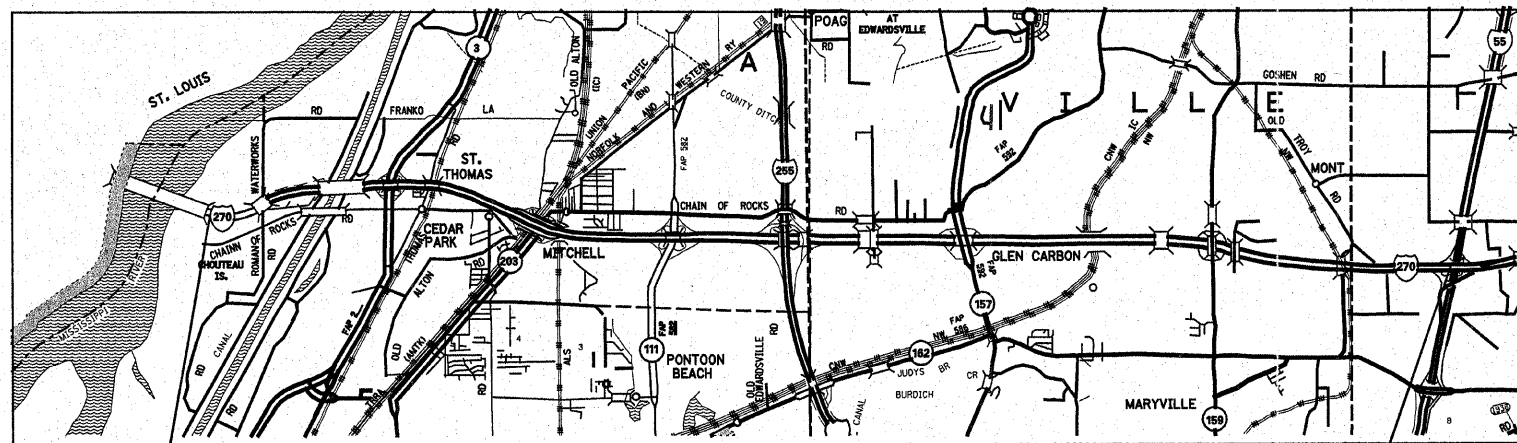
**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 270
SECTION 60-(1,2,3,4,5)I
PROJECT: *ACHSIP-270-5(082)001*
HIGH TENSION CABLE MEDIAN BARRIER
MADISON COUNTY
C-98-095-07

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STANDARDS

- 701101-01
- 701400-02
- 701401-04
- ~~701406-04~~
- 701426-02
- 701901

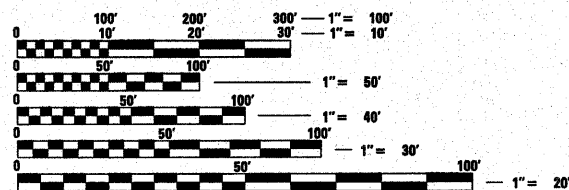


BEGIN STATION
156 + 52

OMISSIONS - SEE LINE DIAGRAM

END STATION
858 + 72

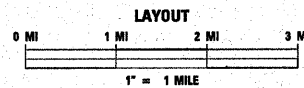
MICROFILMED _____
REEL NUMBER _____
AWARDED _____
RESIDENT ENGINEER _____
AS BUILT CHANGES WERE MADE
ON THE FOLLOWING SHEETS



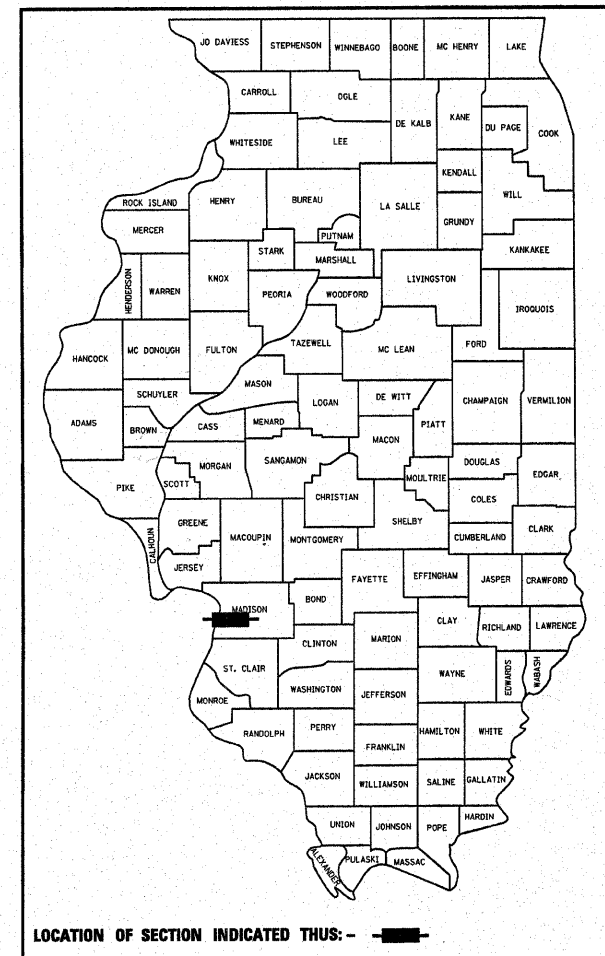
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

DESIGN DESIGNATION



GROSS LENGTH = 70220 FT = 13.30 MILES
NET LENGTH = 34305 FT = 6.50 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *Dec 12 20 07*
May C. Krami
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER

February 1, 20 08
Eric E. Harman
ENGINEER OF DESIGN AND ENVIRONMENT

February 1, 20 08
Christine M. Reed
DIRECTOR, DIVISION OF HIGHWAYS

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

PROJECT ENGINEER: **PAT J. LEBEAU** 618-346-3179
SQUAD LEADER: **CHERYL KEPLAR** 618-346-3186

CONTRACT NO. 76B17

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)II	MADISON	46	2
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.
- ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (PHONE: 800-892-0123) OR FOR NON-MEMBERS, THE UTILITY COMPANIES DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- AMEREN IP
- AMEREN CIPS
- BUCKEYE PARTNERS L.P. - WOOD RIVER PIPELINE
- CENTERPOINT ENERGY
- CHARTER COMMUNICATIONS, INC.
- CONSOLIDATED COMMUNICATIONS
- CITY OF EDWARDSVILLE
- EXPLORER PIPELINE COMPANY
- VILLAGE OF GLEN CARBON
- ILLINOIS AMERICAN WATER COMPANY
- LACLEDE PIPELINE COMPANY
- LEVEL 3 COMMUNICATIONS, LLC
- CITY OF MADISON
- VERIZON BUSINESS
- MADISON COUNTY SPECIAL SERVICE AREA #1
- MITCHELL PUBLIC WATER DISTRICT
- 36ONETWORKS (USA) INC.
- PONTOON BEACH PUBLIC WATER DISTRICT
- AT&T ILLINOIS
- SOUTHWESTERN-ELECTRIC COOPERATIVE, INC.
- SPRINT/NEXTEL

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

- ALL EXCAVATION ADJACENT TO THE EDGE OF SHOULDER SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND STEADY BURN LIGHTS. THE COST SHALL BE INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS.
- WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS WILL NOT BE REQUIRED. IF FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.
- FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION WILL BE APPLIED.
- STANDARD 701101 SHALL BE USED FOR SHOULDER CLOSING WITH A SHOULDER CLOSED SIGN.
- ALL TRAFFIC CONTROL DEVICES SHALL BE SKID MOUNTED.
- 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT AND ALL ENTRANCE RAMP; COST TO BE INCLUDED WITH THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE AND 48"X48".
- TOPOGRAPHIC SURVEY WAS PERFORMED FOR THE MEDIAN AREA ONLY. ALL OTHER ITEMS SHOWN WERE CREATED FROM OLD PLANS.
- BEGINNING AND ENDING STATIONS AS SHOWN IN THE PLANS FOR HTC AND MOW STRIP ARE APPROXIMATE. THE R.E. WILL DETERMINE THE EXACT LOCATIONS.
- THE MINIMUM DEPTH OF THE LINE POST FOUNDATIONS SHALL BE 30".
- THE FOLLOWING MIXTURE REQUIREMENTS APPLY TO THIS PROJECT.

MIXTURE USE	SHOULDERS
AC/PG	PG 58-22
RAP % (MAX)	30%
DESIGN AIR VOIDS	2.0% @ NDES=30
MIX COMPOSITION (GRADATION MIXTURE)	
FRICTION AGG.	BAM

- THE LIMITS OF THE MOW STRIP SHALL BE THE SAME AS THE LIMITS OF THE HTC, INCLUDING TERMINAL SECTIONS, OR AS SHOWN ON THE PLANS.
- DELINEATOR REMOVAL WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST FOR HOT-MIX ASPHALT SHOULDER, 4". REMOVED DELINEATORS SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- IN ADDITION TO THE PORTABLE CHANGEABLE MESSAGE SIGNS INCLUDED IN THE TRAFFIC CONTROL STANDARDS, EIGHT ADDITIONAL PORTABLE CHANGEABLE MESSAGE SIGNS ARE INCLUDED AND SHALL BE PAID FOR PER CALENDAR MONTH AS CHANGEABLE MESSAGE SIGNS. THEIR EXACT LOCATIONS ARE TO BE DETERMINED BY THE ENGINEER IN CONJUNCTION WITH THE MESSAGE SIGN DETAIL. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR ANY RELOCATION OF THESE SIGNS.
- REFLECTORS FOR THE HTC SHALL BE PROVIDED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS FOR THE TYPE OF HTC BARRIER USED. COST SHALL BE INCLUDED IN HIGH TENSION CABLE MEDIAN BARRIER. MAXIMUM SPACING SHALL BE 50' OR AS DIRECTED BY THE ENGINEER.
- OPEN AUGER HOLES SHALL BE PROTECTED WITH BARRICADES WITH STEADY BURN LIGHTS AT 50' CENTERS AS DIRECTED BY THE ENGINEER. COST TO BE INCLUDED WITH TRAFFIC CONTROL PAY ITEMS.

- HTC SYSTEM SHALL BE CHOSEN FROM THE DEPARTMENT'S APPROVED LIST. TO BE USED WHERE MEDIAN SLOPES ARE STEEPER THAN 1:6 AND AS STEEP AS 1:4.
- POST SPACING SHALL BE REDUCED IN FRONT OF MEDIAN HAZARDS AND FOR A DISTANCE OF 100' BEFORE AND 100' AFTER THE MEDIAN HAZARD AS SHOWN IN THE PLANS. THE POST SPACING SHALL BE REDUCED IN ORDER THAT A DEFLECTION OF <= 7' IS PROVIDED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND AS SUPPORTED BY NCHRP 350 TESTING. COST FOR PROVIDING REDUCED POST SPACING WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR HIGH TENSION CABLE MEDIAN BARRIER.
- ALL WORK REQUIRED TO PLACE THE HOT MIX ASPHALT SHOULDER (MOW STRIP) INCLUDING, BUT NOT LIMITED TO SAW CUTTING AND THE REMOVAL OF EXISTING HOT MIX-ASPHALT SHOULDER, WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR HOT-MIX ASPHALT SHOULDERS, 4".
- WOODEN POSTS LOCATED IN THE MEDIAN BETWEEN STA. 693+85 AND 695+70 WILL BE REMOVED WITH THE TEMPORARY CONCRETE MEDIAN BARRIER AND IMPACT ATTENUATORS. THE COST TO REMOVE THESE POSTS SHALL BE INCLUDED IN THE COST FOR TEMPORARY CONCRETE MEDIAN BARRIER REMOVAL.

INDEX OF SHEETS

- COVER SHEET
- GENERAL NOTES, INDEX OF SHEETS, COMMITMENTS, STANDARDS AND ADT
- SUMMARY OF QUANTITIES
- LINE DIAGRAM
- 12. TYPICAL SECTIONS
- SCHEDULES
- 27. PLAN SHEETS
- HTC DETAILS
- MESSAGE SIGN DETAIL
- 32. STORM WATER PREVENTION POLLUTION PLAN
- 46. EROSION CONTROL PLAN

COMMITMENTS:

NONE

ADT

MISSISSIPPI RIVER BRIDGE TO IL RTE 3
 2007 ADT = 54,700 (ACTUAL)
 2008 ADT = 55,200 (ESTIMATED)
 2028 ADT = 67,300 (ESTIMATED)
 SU = 2.7%
 MU = 17.7%

IL RTE 203 TO IL RTE 111
 2007 ADT = 53,800 (ACTUAL)
 2008 ADT = 54,300 (ESTIMATED)
 2028 ADT = 66,300 (ESTIMATED)
 SU = 3.3%
 MU = 17.7%

IL RTE 157 TO IL RTE 159
 2007 ADT = 39,400 (ACTUAL)
 2008 ADT = 39,800 (ESTIMATED)
 2028 ADT = 48,600 (ESTIMATED)
 SU = 3.8%
 MU = 19.8%

IL RTE 159 TO I-55/70/270
 2007 ADT = 29,800 (ACTUAL)
 2008 ADT = 30,100 (ESTIMATED)
 2028 ADT = 36,700 (ESTIMATED)
 SU = 5.0%
 MU = 23.8%

EASTBOUND WORK SCHEDULE

Sunday				Monday				Tuesday				Wednesday				Thursday				Friday				Saturday																							
WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED																					
12A	4A	8A	12P	4P	8P	12A	4A	8A	12P	4P	8P	12A	4A	8A	12P	4P	8P	12A	4A	8A	12P	4P	8P	12A	4A	8A	12P	4P	8P	12A	4A	8A	12P	4P	8P	12A	4A	8A	12P	4P	8P	12A	4A	8A	12P	4P	8P

WESTBOUND WORK SCHEDULE

Sunday				Monday				Tuesday				Wednesday				Thursday				Friday				Saturday																			
WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED	NO WORK ALLOWED	WORK ALLOWED									
12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P	12A	6A	12P	6P

A working day shall be defined as the time periods shown in the above charts marked as "work allowed". If the Contractor works in both directions within the same timeframe, only one working day will be charged.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 GENERAL NOTES, INDEX OF SHEETS,
 COMMITMENTS AND ADT
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)II
 MADISON COUNTY
 SCALE: VERT. _____
 DATE _____ HORIZ. _____
 DRAWN BY _____
 CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1,2,3,4,51	MADISON	46	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

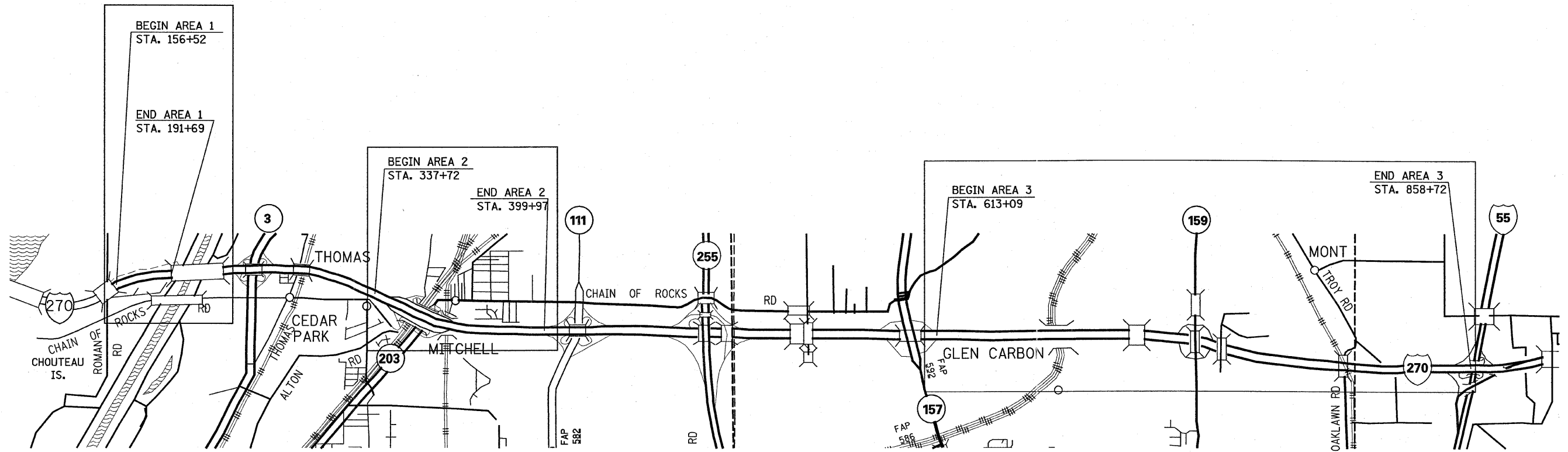
SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		90% FED 10% STATE SFTY-4A		
20200100	EARTH EXCAVATION	CU YD	1541	1541		
25000210	SEEDING, CLASS 2A	ACRE	5.7	5.7		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	513	513		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	513	513		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	513	513		
25100105	MULCH, METHOD 1	ACRE	5.7	5.7		
28000500	INLET AND PIPE PROTECTION	EACH	8	8		
28000700	MULCH, METHOD 1	ACRE	5.7	5.7		
48203013	HOT-MIX ASPHALT SHOULDERS, 4"	SQ YD	14023	14023		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3		
67100100	MOBILIZATION	L SUM	1	1		
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1		
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	40	40		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	20	20		
80300100	LOCATING UNDERGROUND CABLE	FOOT	100	100		
X0321472	REMOVE TEMPORARY CONCRETE BARRIER	FOOT	180	180		
X0325589	HIGH TENSION CABLE MEDIAN BARRIER	FOOT	32025	32025		
X0325590	HIGH TENSION CABLE MEDIAN BARRIER TERMINAL	EACH	28	28		
Z0029999	IMPACT ATTENUATOR REMOVAL	EACH	24	24		
20076600	TRAINees	HOUR	500	500		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT				

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 REFERENCE = REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	4
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	



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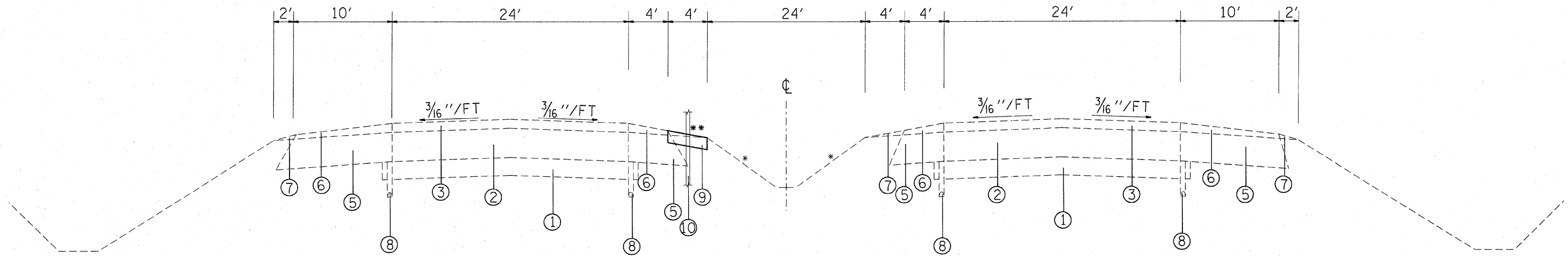
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	5
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

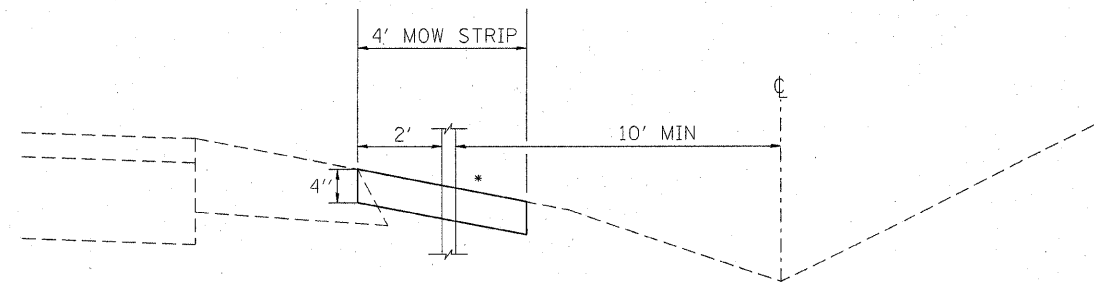


TANGENT SECTION
 STA. 154+64.08 TO STA. 161+16.04
 STA. 181+06.04 TO STA. 191+06.92

LEGEND

- ① EXISTING 6" SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE MEDIAN
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER OVERLAY
- ⑦ EXISTING AGG. SHOULDER WEDGE
- ⑧ EXISTING UNDERDRAINS
- ⑨ PROPOSED HOT MIX-ASPHALT SHOULDER, 4" (MOW STRIP)
- ⑩ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER

- * MEDIAN SLOPES VARY 4:1 AND FLATTER
- ** LOCATION OF HTC AND MOW STRIP VARIES BETWEEN EB AND WB LANES. SEE PLAN SHEETS FOR LOCATIONS.



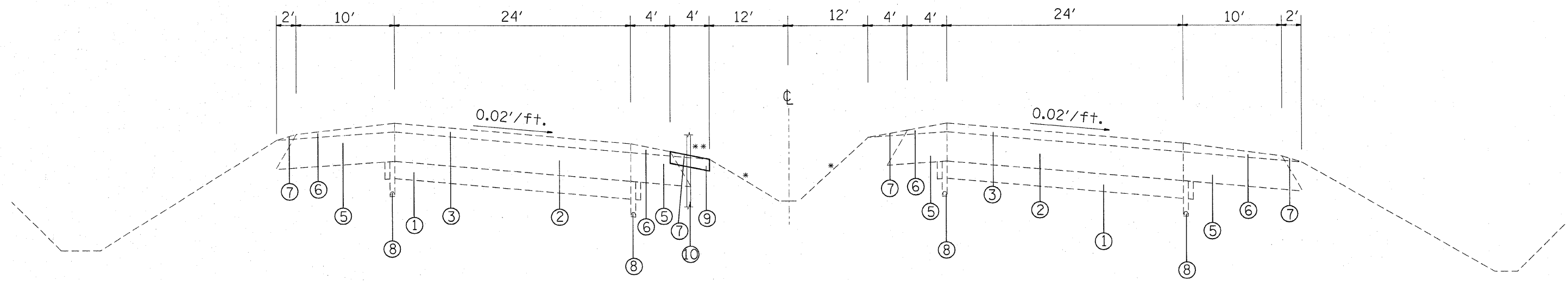
* MATCH EXISTING SLOPE; MUST BE 4:1 OR FLATTER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
AREA #1
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A.I. RTE:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	6
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

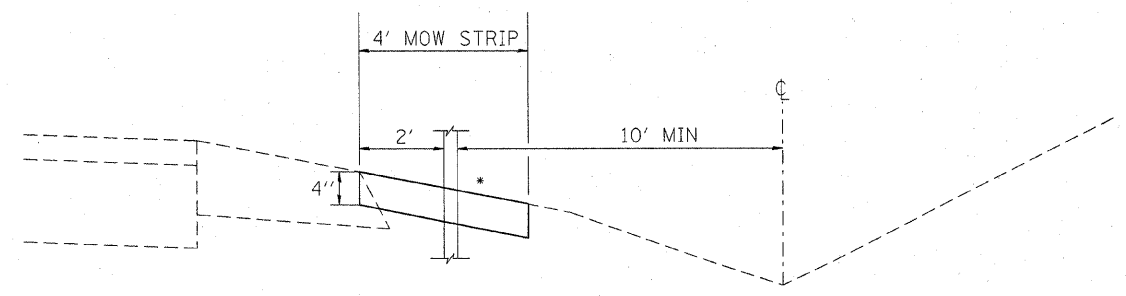


SUPERELEVATED SECTION
STA. 161+16.04 TO STA. 181+06.04

LEGEND

- ① EXISTING 6" SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE MEDIAN
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER OVERLAY
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* MEDIAN SLOPES VARY 4:1 AND FLATTER
 ** LOCATION OF HTC AND MOW STRIP VARIES BETWEEN EB AND WB LANES. SEE PLAN SHEETS FOR LOCATIONS.



* MATCH EXISTING SLOPE; MUST BE 4:1 OR FLATTER.

REVISIONS	
NAME	DATE

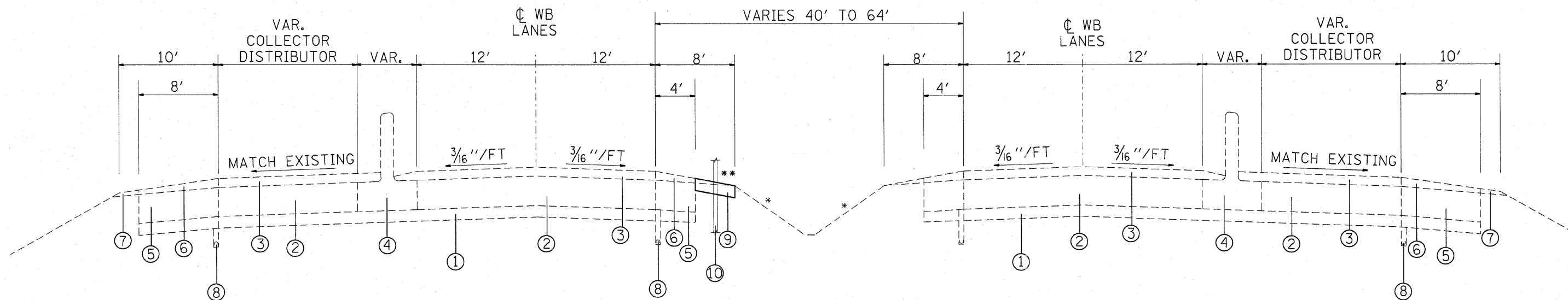
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
AREA #1
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

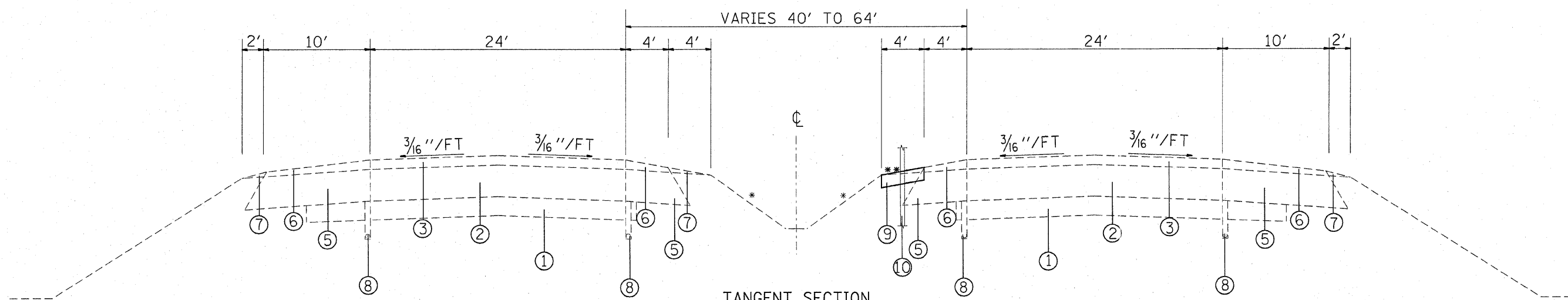
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	7
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

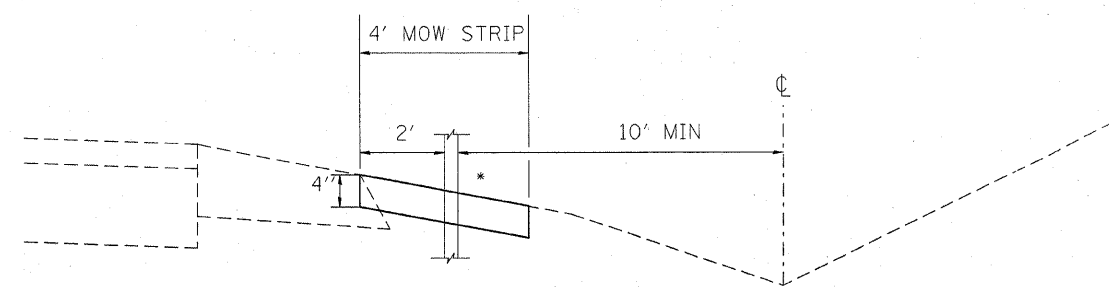


TANGENT SECTION
STA. 337+71.14 TO STA. 347+94.90



TANGENT SECTION
STA. 347+94.90 TO STA. 391+50

- LEGEND**
- ① EXISTING 6" SUB-BASE GRANULAR MATERIAL
 - ② EXISTING PCC PAVEMENT, 10"
 - ③ EXISTING HOT-MIX ASPHALT OVERLAY
 - ④ EXISTING CONCRETE MEDIAN
 - ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
 - ⑥ EXISTING HOT-MIX ASPHALT SHOULDER OVERLAY
 - ⑦ EXISTING AGG. SHOULDER WEDGE
 - ⑧ EXISTING UNDERDRAINS
 - ⑨ PROPOSED HOT-MIX ASPHALT SHOULDER, 4" (MOW STRIP)
 - ⑩ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER



* MEDIAN SLOPES VARY 4:1 AND FLATTER
 ** LOCATION OF HTC AND MOW STRIP VARIES BETWEEN EB AND WB LANES. SEE PLAN SHEETS FOR LOCATIONS.

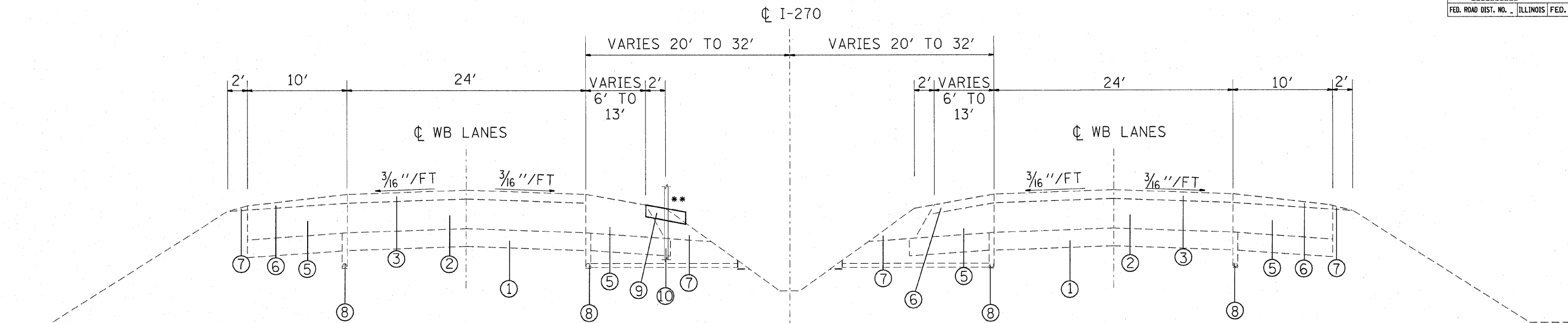
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 AREA #2
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

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 REFERENCE = AREA #

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	8
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

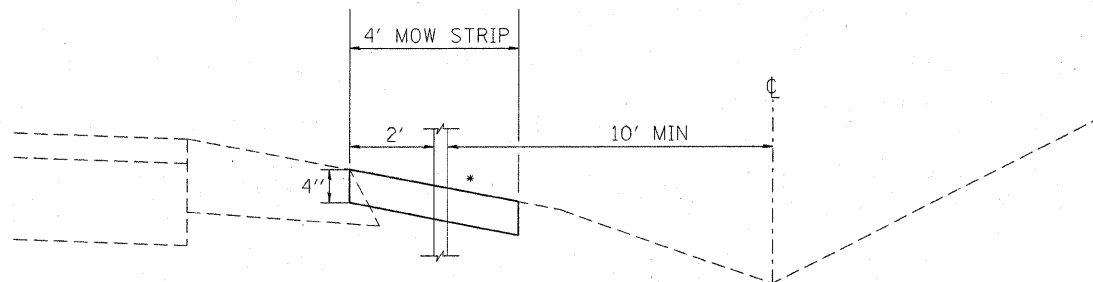


TANGENT SECTION
STA. 391+50 TO STA. 399+87.85

* MEDIAN SLOPES VARY 4:1 AND FLATTER

** LOCATION OF HTC AND MOW STRIP VARIES BETWEEN EB AND WB LANES. SEE PLAN SHEETS FOR LOCATIONS.

- LEGEND**
- ① EXISTING 6" SUB-BASE GRANULAR MATERIAL
 - ② EXISTING PCC PAVEMENT, 10"
 - ③ EXISTING HOT-MIX ASPHALT OVERLAY
 - ④ EXISTING CONCRETE MEDIAN
 - ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
 - ⑥ EXISTING HOT-MIX ASPHALT SHOULDER OVERLAY
 - ⑦ EXISTING AGG. SHOULDER WEDGE
 - ⑧ EXISTING UNDERDRAINS
 - ⑨ PROPOSED HOT-MIX ASPHALT SHOULDER, 4" (MOW STRIP)
 - ⑩ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER



* MATCH EXISTING SLOPE;
MUST BE 4:1 OR FLATTER.

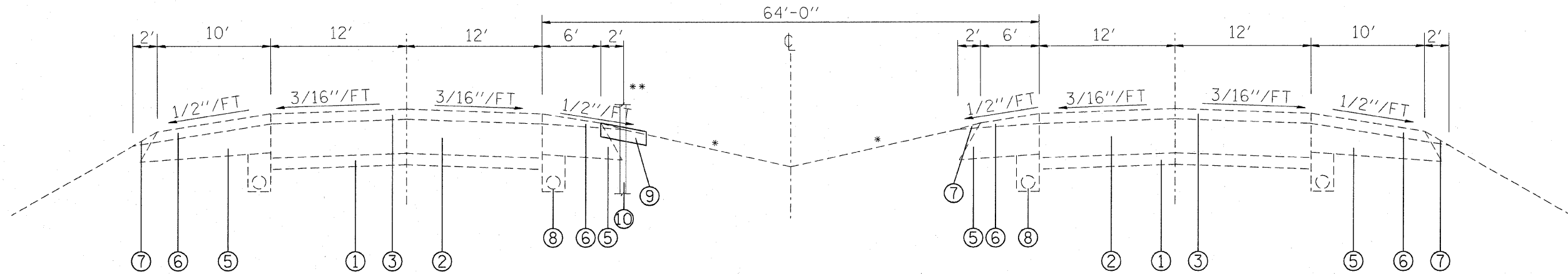
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
AREA #2
FAI RTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	9
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		



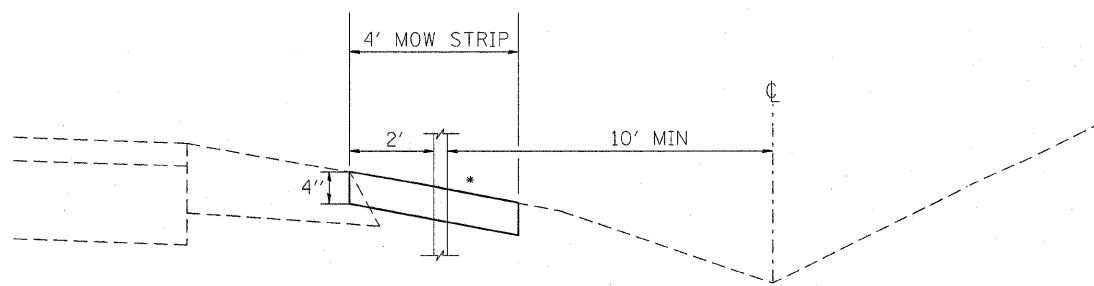
TYPICAL SECTION
STA. 610+00 TO STA. 738+00

* MEDIAN SLOPES VARY 4:1 AND FLATTER

** LOCATION OF HTC AND MOW STRIP VARIES BETWEEN EB AND WB LANES. SEE PLAN SHEETS FOR LOCATIONS.

LEGEND

- ① EXISTING 6" SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE MEDIAN
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER OVERLAY
- ⑦ EXISTING AGG. SHOULDER WEDGE
- ⑧ EXISTING UNDERDRAINS
- ⑨ PROPOSED HOT MIX-ASPHALT SHOULDER, 4" (MOW STRIP)
- ⑩ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER



* MATCH EXISTING SLOPE;
MUST BE 4:1 OR FLATTER.

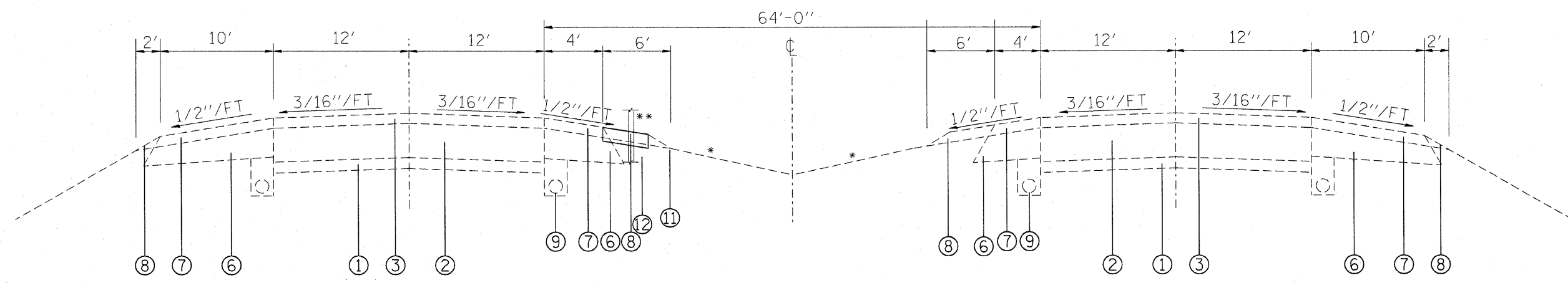
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
AREA #3
FAI RTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

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FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	10
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



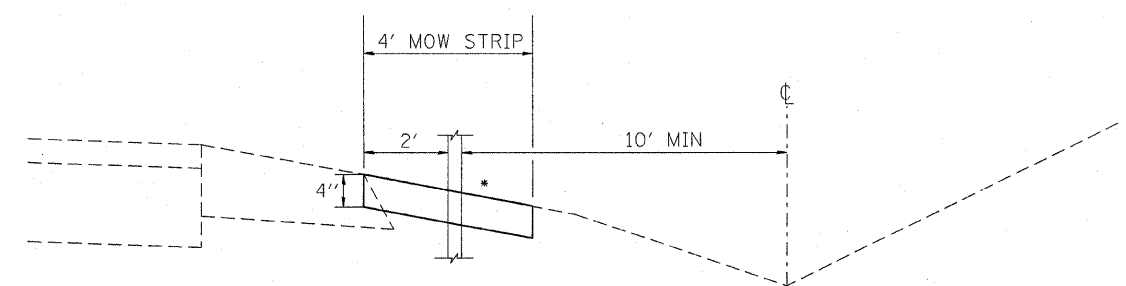
TYPICAL SECTION
STA. 738+00 TO STA. 837+44.56

* MEDIAN SLOPES VARY 4:1 AND FLATTER

** LOCATION OF HTC AND MOW STRIP VARIES BETWEEN EB AND WB LANES. SEE PLAN SHEETS FOR LOCATIONS.

LEGEND

- ① EXISTING 6" SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE MEDIAN
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER OVERLAY
- ⑦ EXISTING AGG. SHOULDER WEDGE
- ⑧ EXISTING UNDERDRAINS
- ⑨ PROPOSED HOT MIX-ASPHALT SHOULDER, 4" (MOW STRIP)
- ⑩ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER



* MATCH EXISTING SLOPE;
MUST BE 4:1 OR FLATTER.

REVISIONS	
NAME	DATE

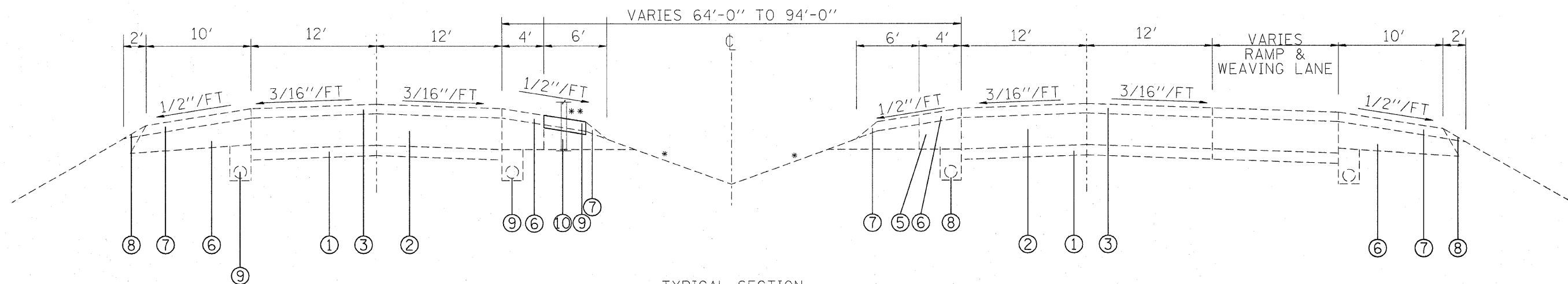
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
AREA #3
FAI RTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

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 REFERENCE = SHEET #

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	11
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

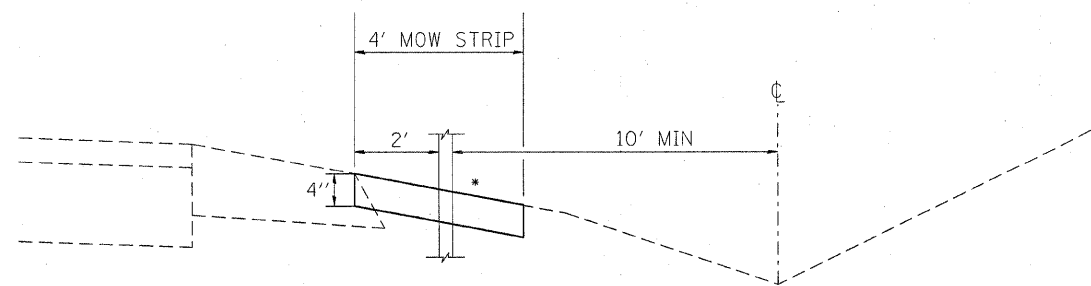


TYPICAL SECTION
STA. 837+44.56 TO STA. 847+51.13

- * MEDIAN SLOPES VARY 4:1 AND FLATTER
- ** LOCATION OF HTC AND MOW STRIP VARIES BETWEEN EB AND WB LANES. SEE PLAN SHEETS FOR LOCATIONS.

LEGEND

- ① EXISTING 6" SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE MEDIAN
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER OVERLAY
- ⑦ EXISTING AGG. SHOULDER WEDGE
- ⑧ EXISTING UNDERDRAINS
- ⑨ PROPOSED HOT MIX-ASPHALT SHOULDER, 4" (MOW STRIP)
- ⑩ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER

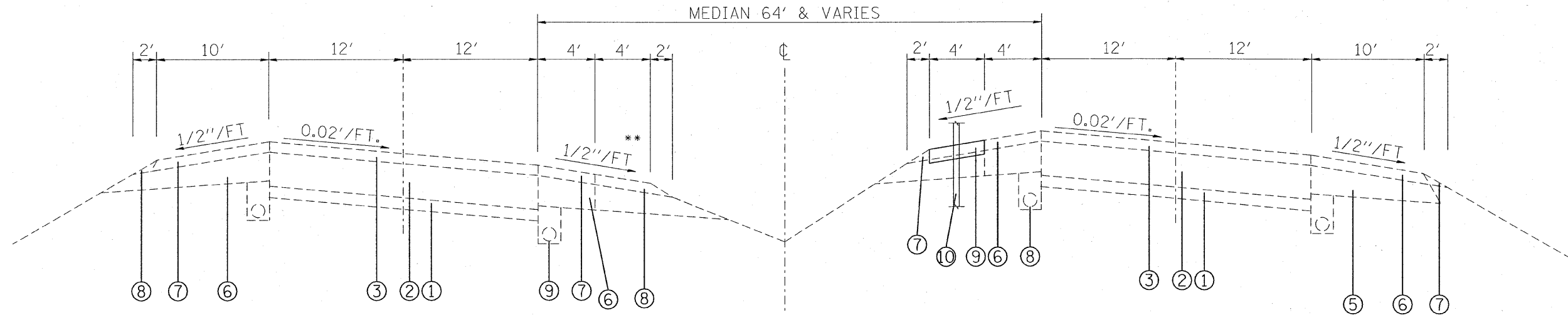


* MATCH EXISTING SLOPE;
MUST BE 4:1 OR FLATTER.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TYPICAL SECTIONS AREA #3 FAI RTE 270 SECTION 60-(1,2,3,4,5)I MADISON COUNTY
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____

DRAWN BY _____
CHECKED BY _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1,2,3,4,501	MADISON	46	12
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT		

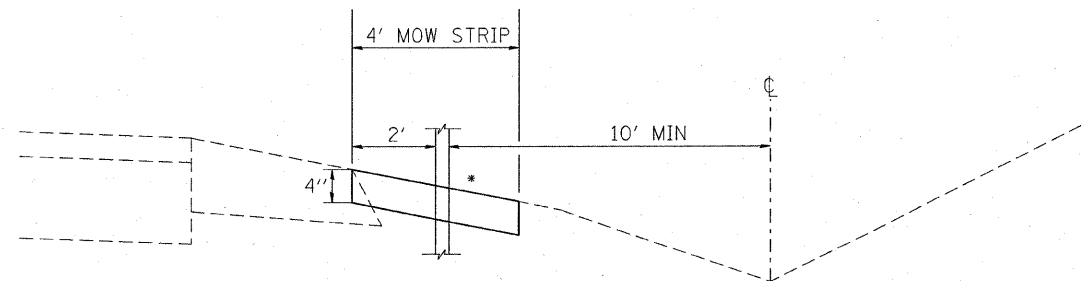


TYPICAL SECTION
STA. 847+51.13 TO STA. 871+96.81

- * MEDIAN SLOPES VARY 4:1 AND FLATTER
- ** LOCATION OF HTC AND MOW STRIP VARIES BETWEEN EB AND WB LANES. SEE PLAN SHEETS FOR LOCATIONS.

LEGEND

- ① EXISTING 6" SUB-BASE GRANULAR MATERIAL
- ② EXISTING PCC PAVEMENT, 10"
- ③ EXISTING HOT-MIX ASPHALT OVERLAY
- ④ EXISTING CONCRETE MEDIAN
- ⑤ EXISTING HOT-MIX ASPHALT SHOULDER
- ⑥ EXISTING HOT-MIX ASPHALT SHOULDER OVERLAY
- ⑦ EXISTING AGG. SHOULDER WEDGE
- ⑧ EXISTING UNDERDRAINS
- ⑨ PROPOSED HOT MIX-ASPHALT SHOULDER, 4" (MOW STRIP)
- ⑩ PROPOSED HIGH TENSION CABLE MEDIAN BARRIER



* MATCH EXISTING SLOPE;
MUST BE 4:1 OR FLATTER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
AREA #3
FAI RTE 270
SECTION 60-1,2,3,4,501
MADISON COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

FAI-RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	13
STA. _____ TO STA. _____		FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT		

HOT MIX ASPHALT SHOULDER, 4"				
RT/LT	STATION TO STATION	LENGTH	WIDTH	SQ YD
LT	STA 156+52 - 191+69	3517'	4'	1563.1
RT	STA 337+72 - 370+00	3228'	4'	1434.7
LT	STA 370+12 - 399+97	2985'	4'	1326.7
LT	STA 613+09 - 640+78	2769'	4'	1230.7
LT	STA 640+78 - 642+46.50	168.5'	4' - 7.5'	107.7
RT	STA 651+22.505 - 652+65	142.5'	4' - 7.5'	91.0
RT	STA 652+65 - 667+16	1451'	4'	644.9
LT	STA 667+17 - 681+60	1443'	4'	641.3
LT	STA 681+60 - 683+10	150'	4' - 7.5'	250.0
LT	STA 699+95 - 714+65	1470'	4'	653.3
RT	STA 712+80 - 756+86	4406'	4'	1958.2
LT	STA 757+07 - 774+20	1713'	4'	761.3
RT	STA 772+21 - 780+95	874'	4'	388.4
LT	STA 782+70 - 790+13	743'	4'	330.2
LT	STA 790+13 - 791+33.50	120.5'	4' - 7.5'	77.0
RT	STA 800+57.70 - 802+02	144.3'	4' - 7.5'	92.2
RT	STA 802+02 - 821+50	1948'	4'	865.8
LT	STA 822+59 - 858+72	3613'	4'	1605.8
TOTAL				14022.3

RT/LT	STATION TO STATION	SEEDING, CLASS 2A	MULCH, METHOD 1
LT	STA 156+52 - 191+69	0.65	0.65
RT	STA 337+72 - 370+00	0.60	0.60
LT	STA 370+12 - 399+97	0.55	0.55
LT	STA 613+09 - 642+46.50	0.54	0.54
RT	STA 651+22.50 - 667+16	0.29	0.29
LT	STA 667+17 - 683+10	0.29	0.29
LT	STA 699+95 - 714+65	0.27	0.27
RT	STA 712+80 - 756+86	0.81	0.81
LT	STA 757+07 - 774+20	0.31	0.31
RT	STA 772+21 - 780+95	0.16	0.16
LT	STA 782+70 - 791+33.50	0.16	0.16
RT	STA 800+57.70 - 821+50	0.38	0.38
LT	STA 822+59 - 858+72	0.66	0.66
TOTALS		5.67	5.67

RT/LT	STATION TO STATION	HTC BARRIER	HTC BARRIER TERMINAL
		FOOT	EACH
LT	STA 156+52 - 157+02		1
LT	STA 157+02 - 191+19	3417	
LT	STA 191+19 - 191+69		1
RT	STA 337+72 - 338+22		1
RT	STA 338+ - 369+50	3128	
RT	STA 369+50 - 370+00		1
LT	STA 370+12 - 370+62		1
LT	STA 370+62 - 399+47	2885	
LT	STA 399+47 - 399+97		1
LT	STA 613+09 - 613+59		1
LT	STA 613+59 - 644+78	3119	
LT	STA 644+78 - 645+28		1
RT	STA 648+15 - 648+65		1
RT	STA 648+65 - 666+66	1801	
RT	STA 666+66 - 667+16		1
LT	STA 667+17 - 667+67		1
LT	STA 667+67 - 685+60	1793	
LT	STA 685+60 - 686+10		1
RT	STA 689+79 - 690+29		1
RT	STA 690+29 - 699+44	915	
RT	STA 699+44 - 699+94		1
LT	STA 699+95 - 700+45		1
LT	STA 700+45 - 714+15	1370	
LT	STA 714+15 - 714+65		1
RT	STA 712+80 - 713+30		1
RT	STA 713+30 - 756+36	4306	
RT	STA 756+36 - 756+86		1
LT	STA 757+07 - 757+57		1
LT	STA 757+57 - 773+70	1613	
LT	STA 773+70 - 774+20		1
RT	STA 772+21 - 772+71		1
RT	STA 772+71 - 780+45	774	
RT	STA 780+45 - 780+95		1
LT	STA 782+70 - 783+20		1
LT	STA 783+20 - 794+13	1093	
LT	STA 794+13 - 794+63		1
RT	STA 797+52 - 798+02		1
RT	STA 798+02 - 821+00	2298	
RT	STA 821+00 - 821+50		1
LT	STA 822+59 - 823+09		1
LT	STA 823+09 - 858+22	3513	
LT	STA 858+22 - 858+72		1
TOTALS		32025	28

EARTHWORK SCHEDULE		
LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJ FOR SHRINKAGE (25%)
	CUBIC YARD	CUBIC YARD
LT STA 156+52 - 191+69	173.7	130.3
RT STA 337+72 - 370+00	159.4	119.6
LT STA 370+12 - 389+97	147.4	110.6
LT STA 613+09 - 642+46.50	148.7	111.5
RT STA 651+22.50 - 667+16	81.8	61.4
LT STA 667+17 - 683+10	81.9	61.4
LT STA 699+95 - 714+65	72.6	54.5
RT STA 612+80 - 756+86	217.6	163.2
LT STA 757+07 - 774+20	84.6	63.5
RT STA 772+21 - 780+95	43.2	32.4
LT STA 782+70 - 781+33.50	45.3	34.0
RT STA 800+57.70 - 821+50	106.4	80.0
LT STA 822+59 - 858+72	178.4	133.8
TOTALS	1541.0	1156.2

THE EARTH EXCAVATION GENERATED BY THE PLACEMENT OF THE HMA SHOULDER (APPROXIMATELY 1541.0 CU YD) MAY BE USED AS FURNISHED EXCAVATION REQUIRED TO MEET THE 4:1 SLOPE REQUIREMENT AS SHOWN IN THE PLANS. ADDITIONAL FURNISHED EXCAVATION REQUIRED BEYOND WHAT IS PROVIDED AS SHOWN ABOVE SHALL BE PAID FOR PER ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

ANY EXCESS EARTH EXCAVATION SHALL BE DISPOSED OF BY THE CONTRACTOR PER SECTION 202 OF THE STANDARD SPECIFICATIONS.

INLET & PIPE PROTECTION	
LOCATION	EACH
LT STA 385+00	1
RT STA 362+41.50	1
RT STA 355+68	1
RT STA 341+46	1
CL STA 169+94	1
CL STA 178+94	1
LT STA 702+50	1
RT STA 732+78	1
TOTAL	8

IMPACT ATTENUATOR REMOVAL	
STATION	EACH
RT STA 694+67 - 694+87	12
RT STA 695+67 - 695+87	12
TOTAL	24

REMOVE TEMPORARY CONCRETE BARRIER	
STATION	FOOT
RT STA 693+87 - 695+67	180
TOTAL	180

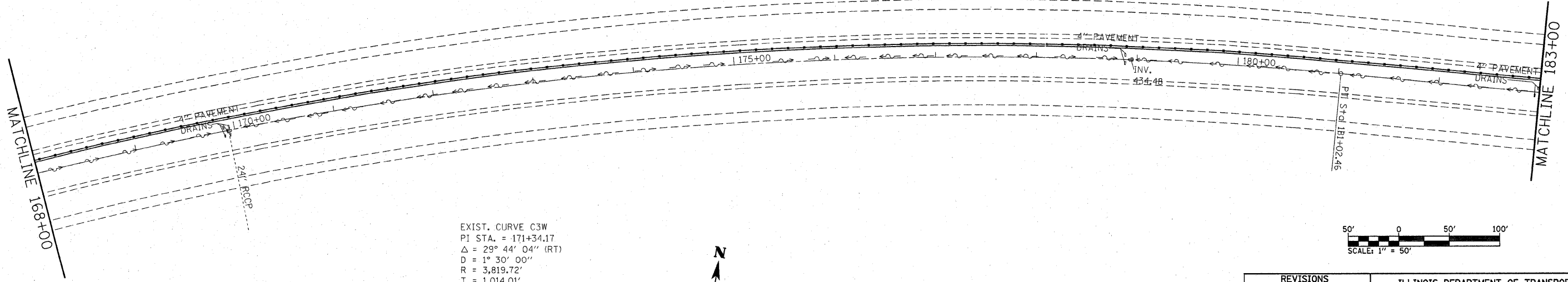
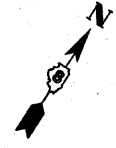
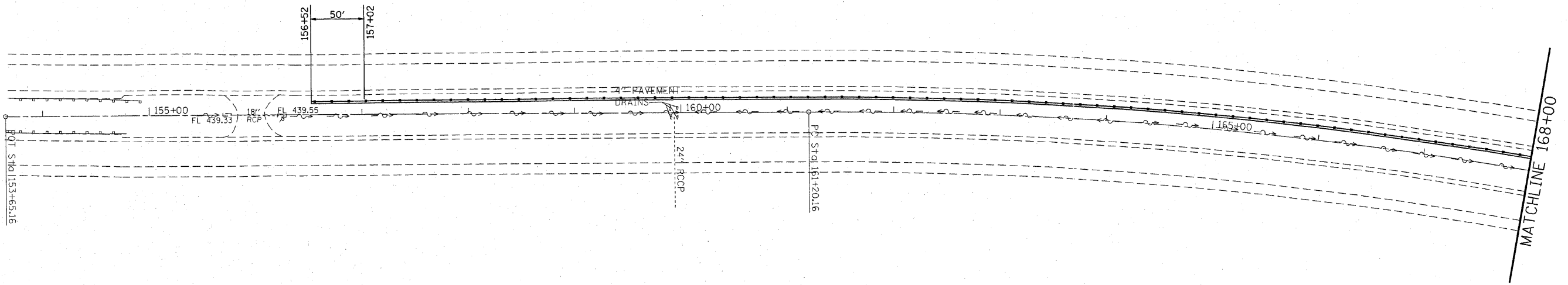
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULES
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

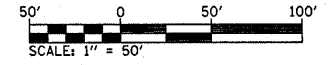
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 HORIZ.
 DATE

DRAWN BY
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)	MADISON	46	14
STA. 156+52		TO STA. 183+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE C3W
 PI STA. = 171+34.17
 $\Delta = 29^\circ 44' 04''$ (RT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.72'$
 $T = 1,014.01'$
 $L = 1,982.30'$
 $E = 132.30'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 P.C. STA. = 161+20.16
 P.T. STA. = 181+02.46



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #1
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)
 MADISON COUNTY

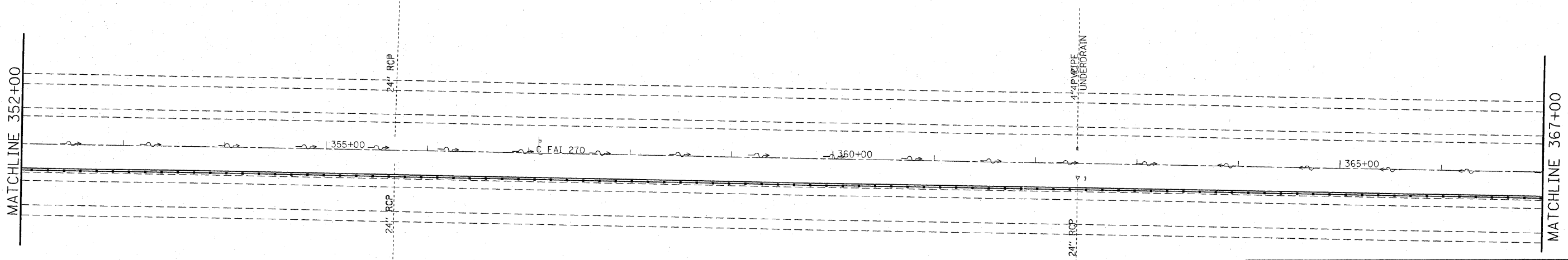
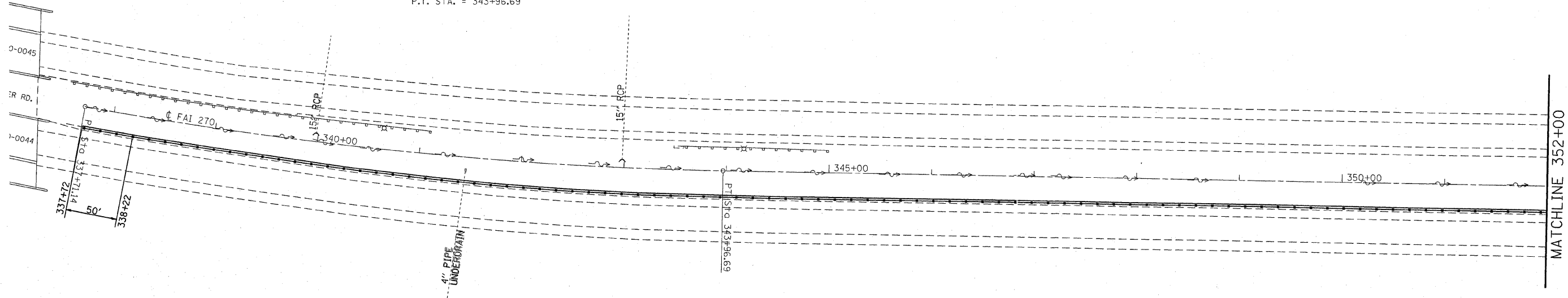
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 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1,2,3,4,5I	MADISON	46	16
STA. 337+72		TO STA. 367+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

EXIST. CURVE C3
 PI STA. = 340+84.62
 $\Delta = 9^\circ 23' 00''$ (LT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.72'$
 $T = 313.48'$
 $L = 625.56'$
 $E = 12.84'$
 $\theta = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 337+71.14$
 $P.T. STA. = 343+96.69$



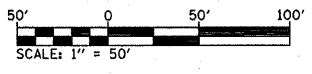
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REVISIONS	
NAME	DATE

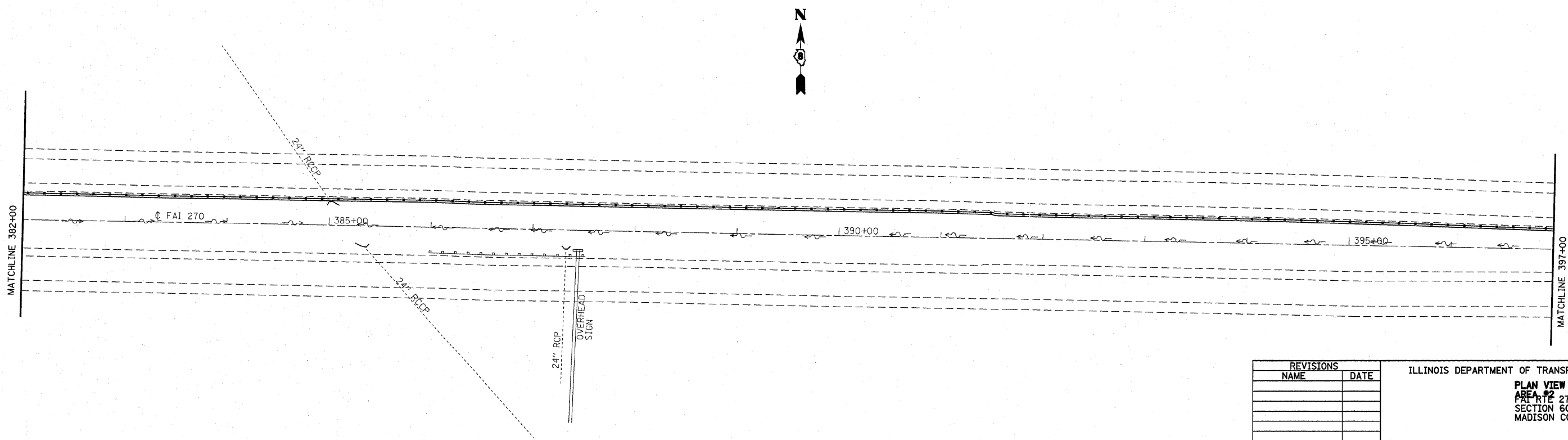
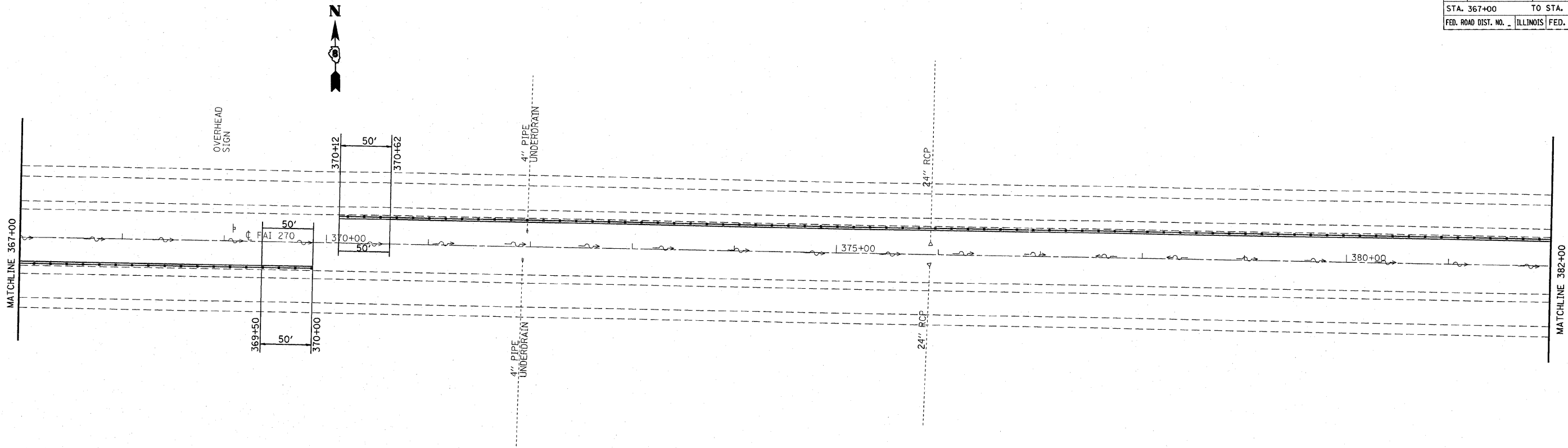
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #2
 FAI RTE 270
 SECTION 69-1,2,3,4,5I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)	MADISON	46	17
STA. 367+00		TO STA. 397+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

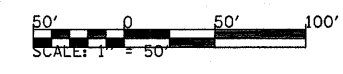


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
 AREA 270
 SECTION 60-(1,2,3,4,5)
 MADISON COUNTY

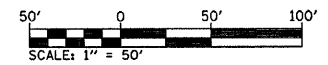
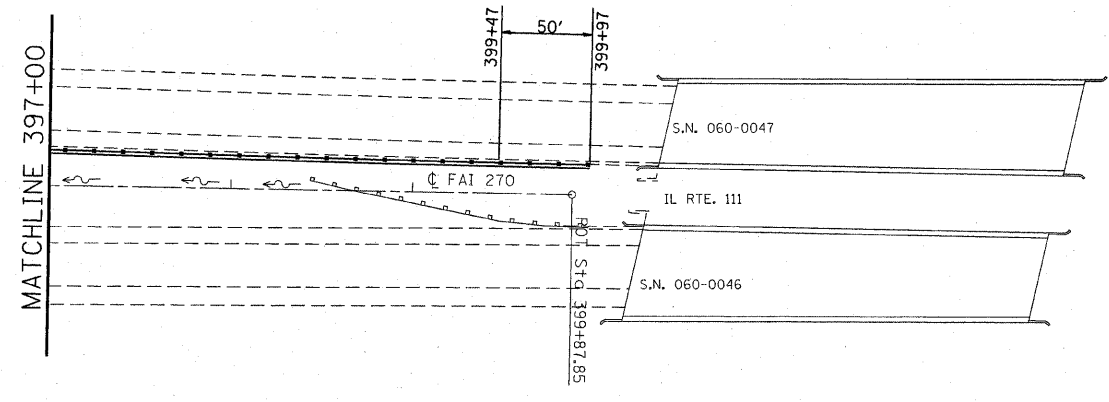
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 DATE _____

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 CHECKED BY _____



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	18
STA. 397+00		TO STA. 399+97		
FED. ROAD DIST. NO. -		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

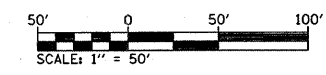
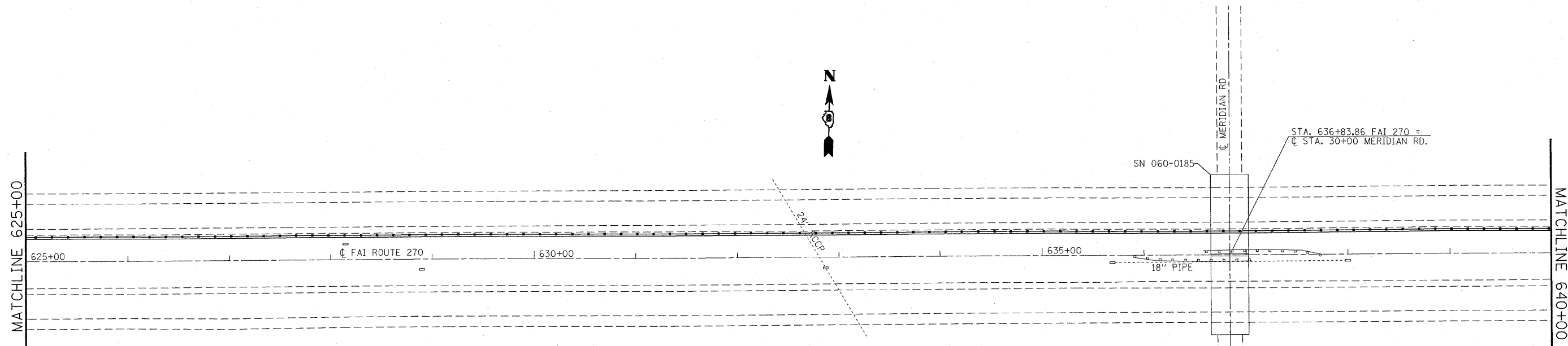
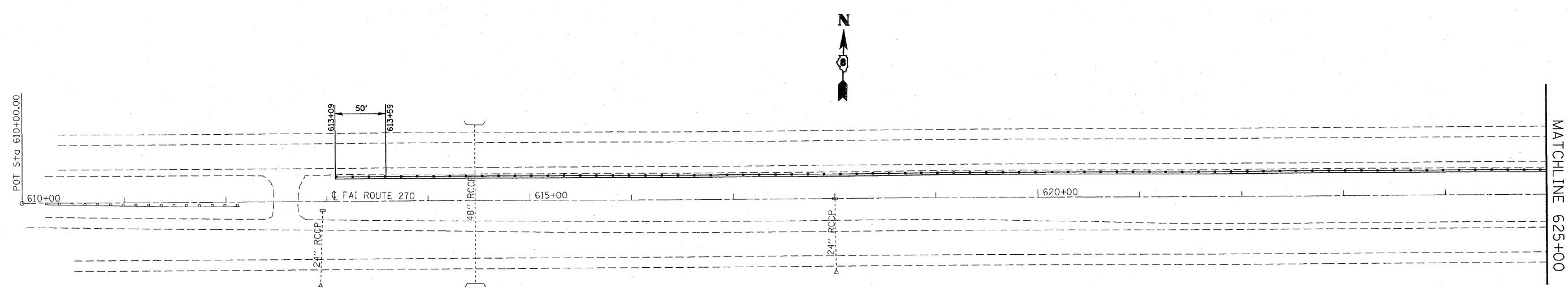
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #2
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

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F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	19
STA. 613+09		TO STA. 640+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



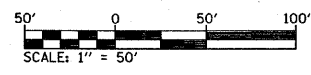
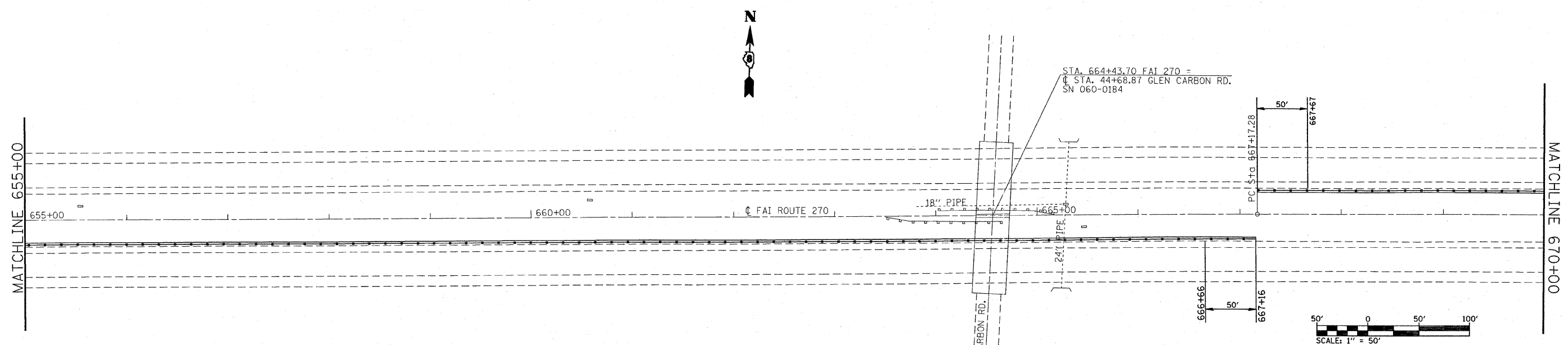
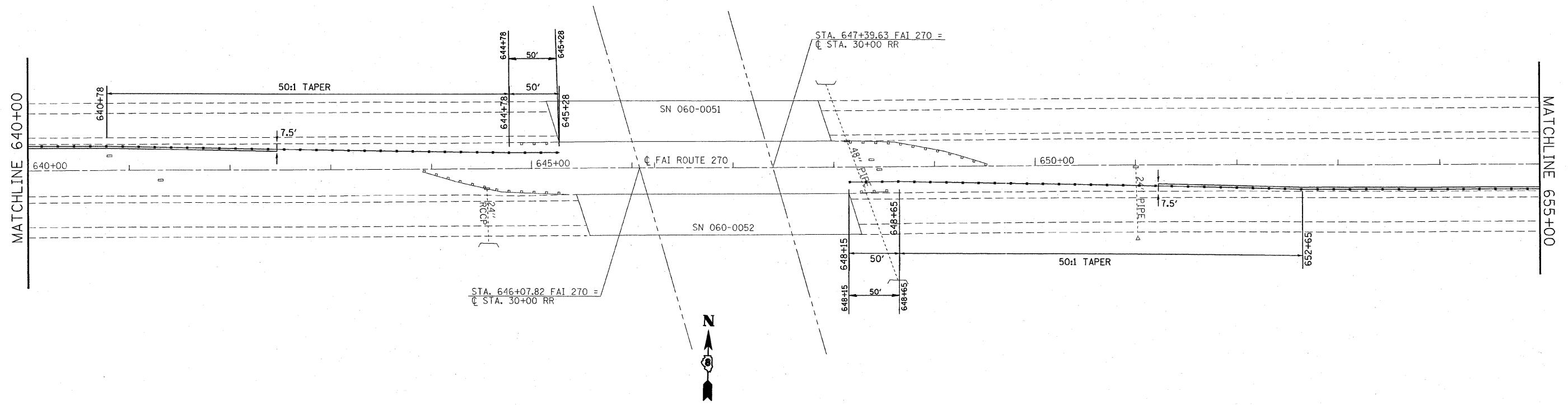
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. DRAWN BY
 DATE HORIZ. CHECKED BY

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	20
STA. 640+00		TO STA. 670+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



REVISIONS	
NAME	DATE

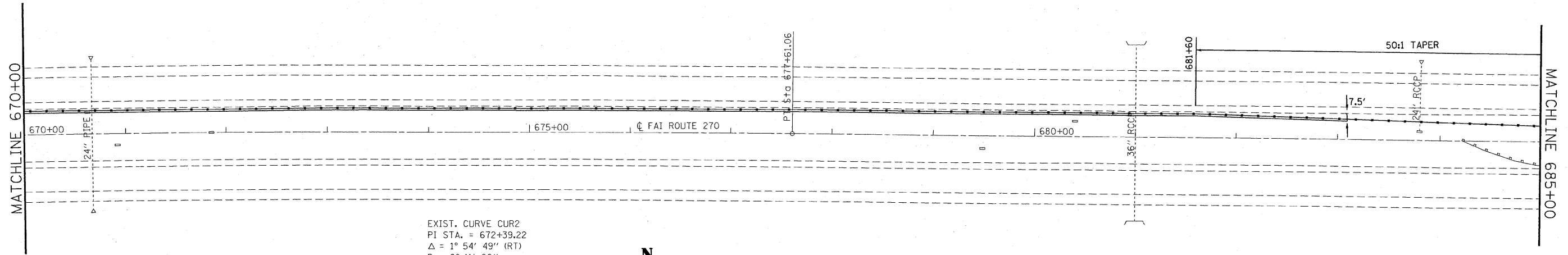
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. HORIZ.
 DATE

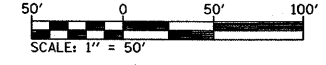
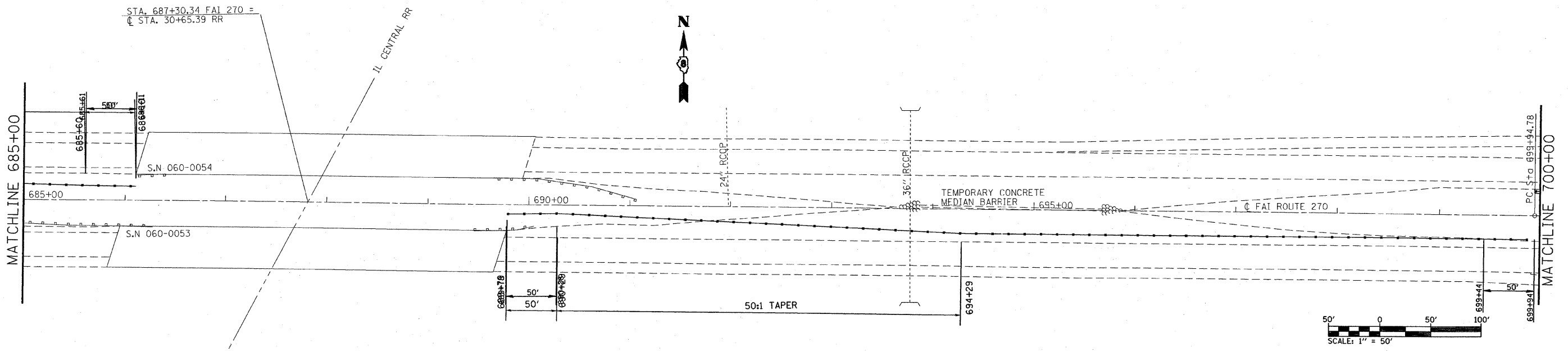
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 CHECKED BY

PLOT DATE = 12/12/2007
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	21
STA. 670+00		TO STA. 700+00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	



EXIST. CURVE CUR2
 PI STA. = 672+39.22
 $\Delta = 1^\circ 54' 49''$ (RT)
 $D = 0^\circ 11' 00''$
 $R = 31,252.24'$
 $T = 521.94'$
 $L = 1,043.79'$
 $E = 4.36'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 667+17.28$
 $P.T. \text{ STA.} = 677+61.06$



REVISIONS	
NAME	DATE

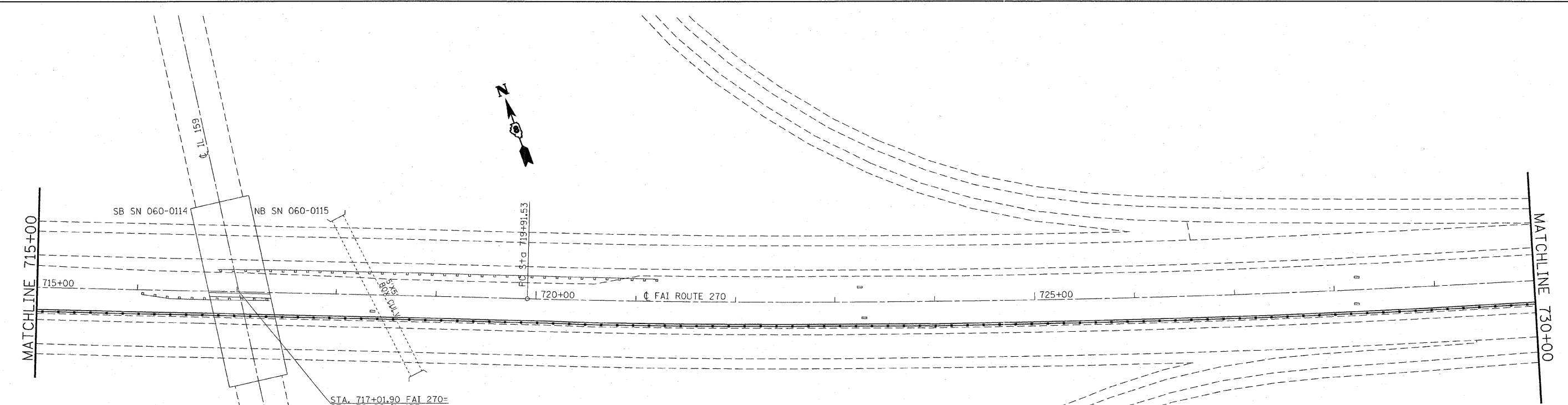
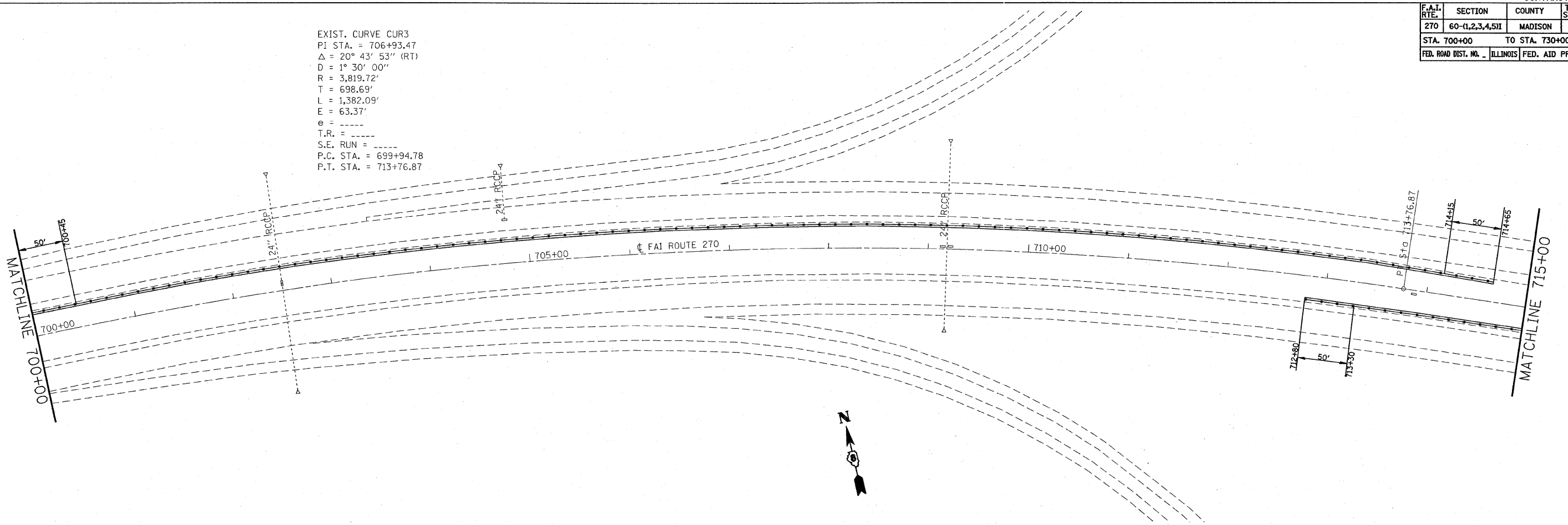
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
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 REFERENCE = REF4

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	22
STA. 700+00		TO STA. 730+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

EXIST. CURVE CUR3
 PI STA. = 706+93.47
 $\Delta = 20^\circ 43' 53''$ (RT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.72'$
 $T = 698.69'$
 $L = 1,382.09'$
 $E = 63.37'$
 $e =$ -----
 $T.R. =$ -----
 $S.E. RUN =$ -----
 $P.C. STA. = 699+94.78$
 $P.T. STA. = 713+76.87$



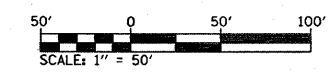
STA. 717+01.90 FAI 270=
 STA. 30+00 IL 159

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

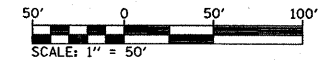
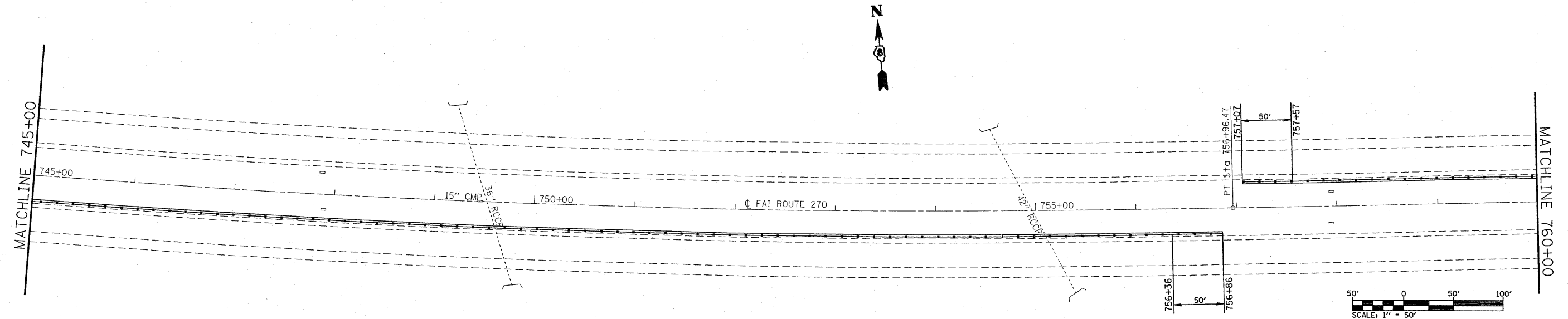
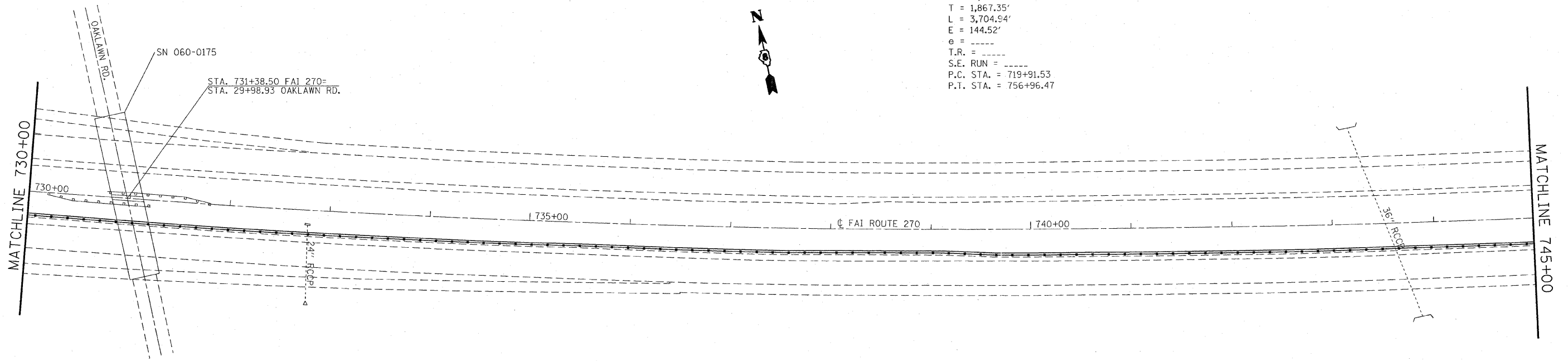
DRAWN BY _____
 CHECKED BY _____



PLOT DATE = 12/12/2007
 PLOT SCALE = 50' = 1" (HORIZ.)
 REFERENCE = AREAS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	23
STA. 730+00		TO STA. 760+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EXIST. CURVE CUR4
 PI STA. = 738+58.88
 $\Delta = 17^\circ 42' 05''$ (LT)
 $D = 0^\circ 28' 40''$
 $R = 11,992.14'$
 $T = 1,867.35'$
 $L = 3,704.94'$
 $E = 144.52'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 719+91.53$
 $P.T. \text{ STA.} = 756+96.47$



REVISIONS	
NAME	DATE

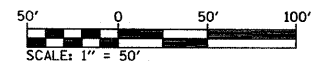
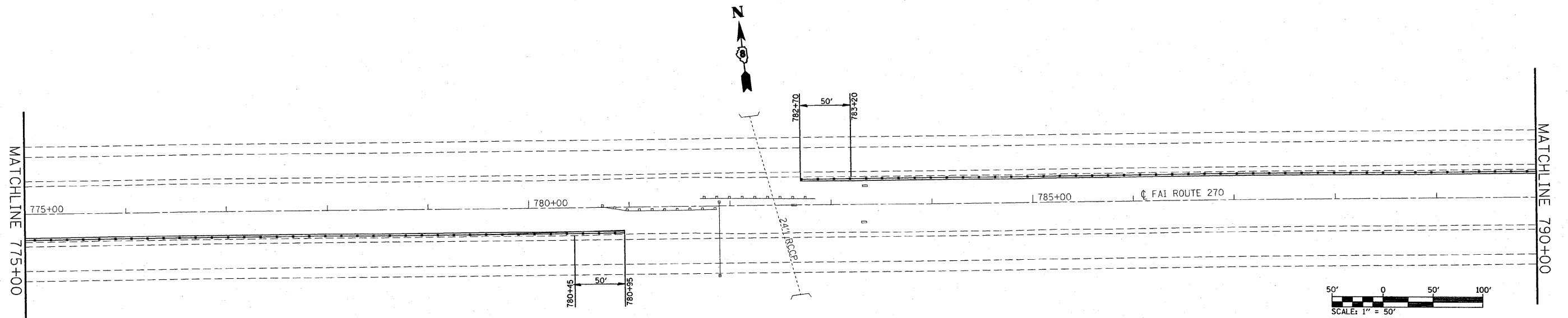
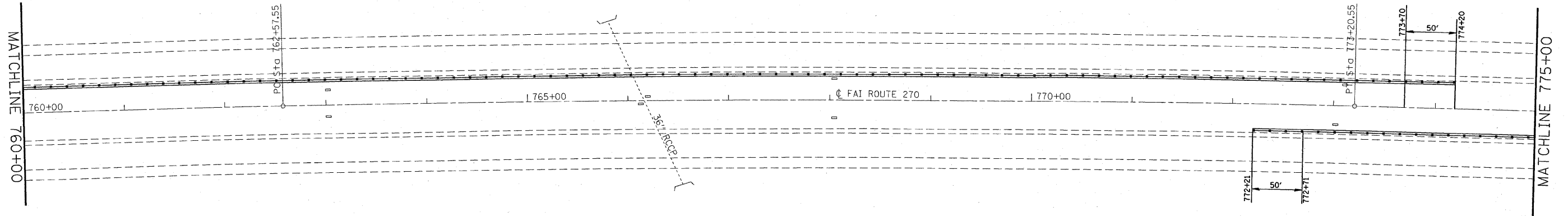
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. / HORIZ.
 DATE
 DRAWN BY
 CHECKED BY

PLOT DATE = 12/12/2007
 FILE NAME = c:\p\proj\60-1,2,3,4,5\plan\p1n69287b.dgn
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 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	24
STA. 760+00		TO STA. 790+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

EXIST. CURVE CUR5
 PI STA. = 767+89.15
 $\Delta = 2^\circ 39' 27''$ (RT)
 $D = 0^\circ 15' 00''$
 $R = 22,918.31'$
 $T = 531.60'$
 $L = 1,063.00'$
 $E = 6.16'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 P.C. STA. = 762+57.55
 P.T. STA. = 773+20.55



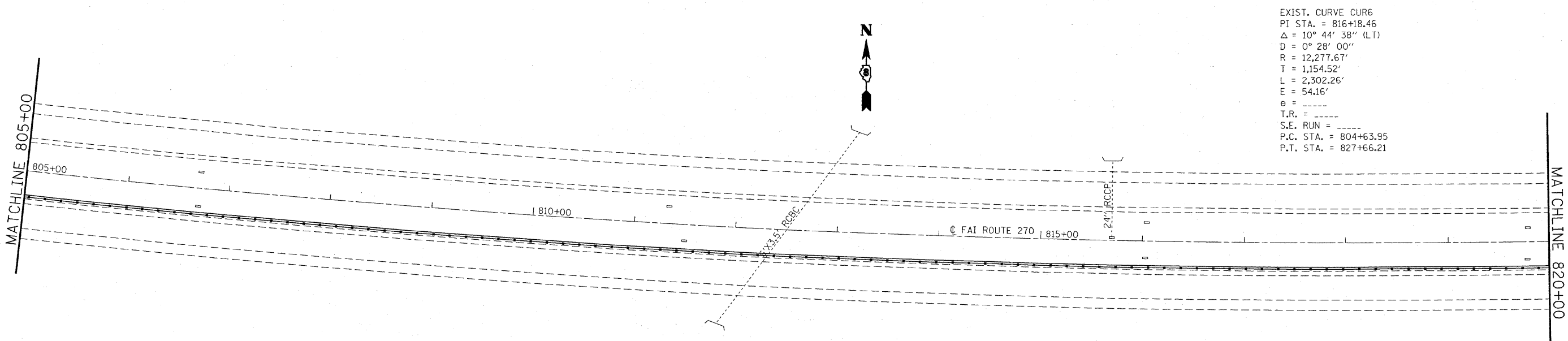
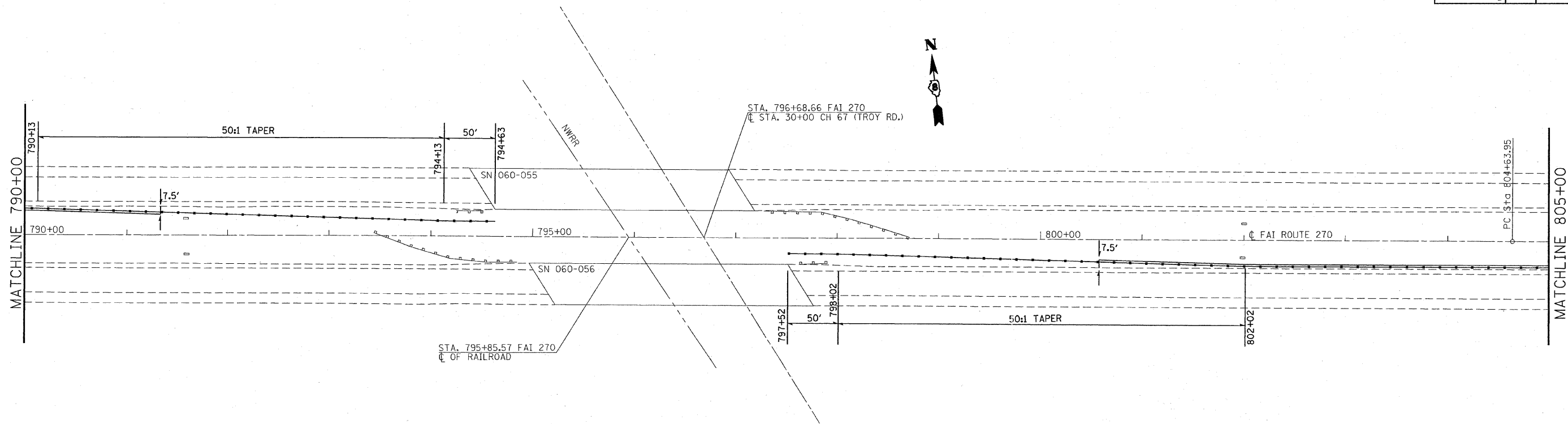
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT.
 HORIZ.
 DATE

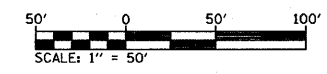
DRAWN BY
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	25
STA. 790+00		TO STA. 820+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



EXIST. CURVE CUR6
 PI STA. = 816+18.46
 $\Delta = 10^\circ 44' 38''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 1,154.52'$
 $L = 2,302.26'$
 $E = 54.16'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 804+63.95$
 $P.T. \text{ STA.} = 827+66.21$

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 REFERENCE = REFERENCE



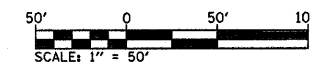
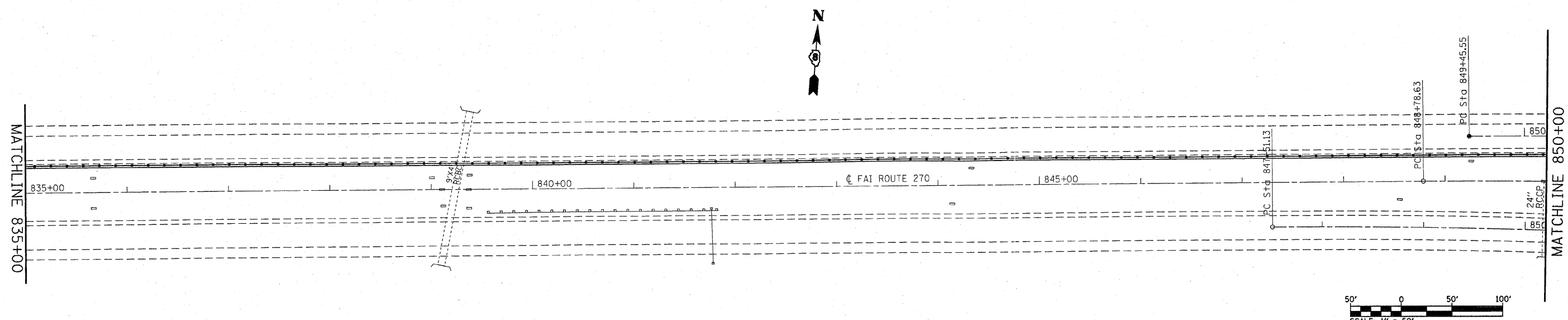
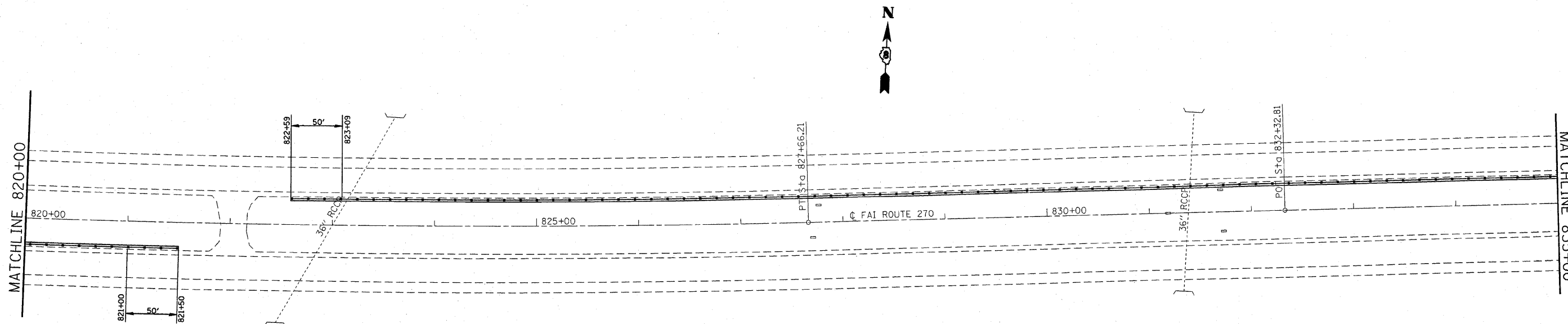
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. HORIZ.
 DATE

DRAWN BY
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	26
STA. 820+00		TO STA. 850+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



REVISIONS	
NAME	DATE

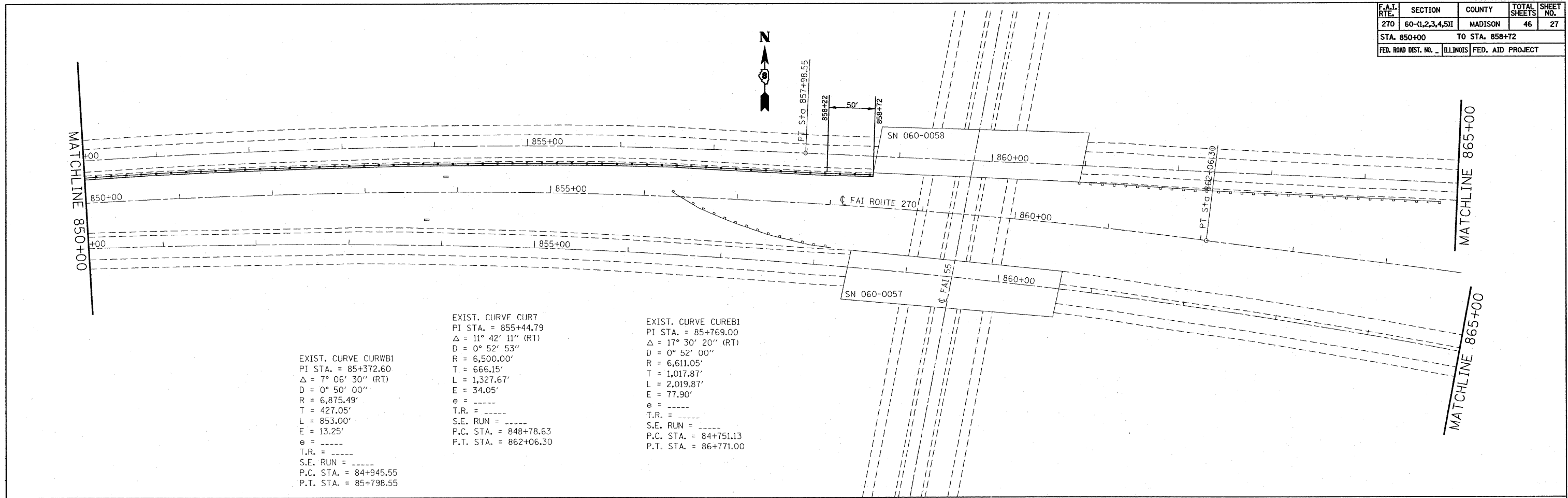
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
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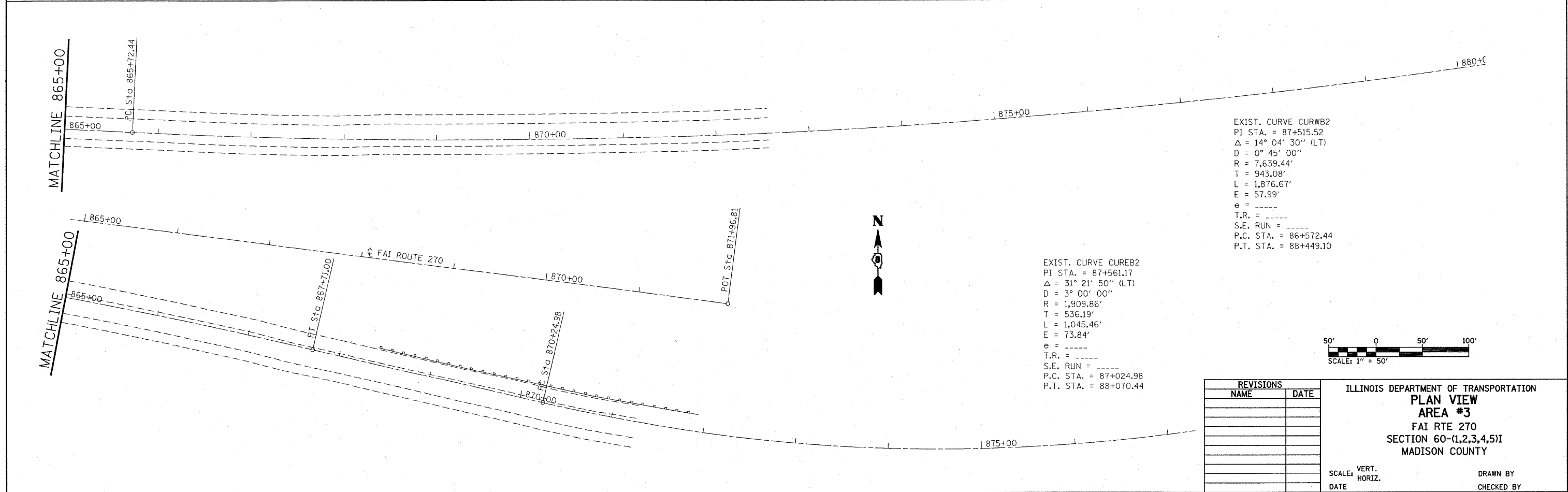
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	27
STA. 850+00		TO STA. 858+72		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	



EXIST. CURVE CURB1
 PI STA. = 85+372.60
 $\Delta = 7^\circ 06' 30''$ (RT)
 $D = 0^\circ 50' 00''$
 $R = 6,875.49'$
 $T = 427.05'$
 $L = 853.00'$
 $E = 13.25'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 84+945.55$
 $P.T. STA. = 85+798.55$

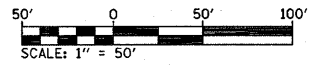
EXIST. CURVE CUR7
 PI STA. = 855+44.79
 $\Delta = 11^\circ 42' 11''$ (RT)
 $D = 0^\circ 52' 53''$
 $R = 6,500.00'$
 $T = 666.15'$
 $L = 1,327.67'$
 $E = 34.05'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 848+78.63$
 $P.T. STA. = 862+06.30$

EXIST. CURVE CUREB1
 PI STA. = 85+769.00
 $\Delta = 17^\circ 30' 20''$ (RT)
 $D = 0^\circ 52' 00''$
 $R = 6,611.05'$
 $T = 1,017.87'$
 $L = 2,019.87'$
 $E = 77.90'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 84+751.13$
 $P.T. STA. = 86+771.00$



EXIST. CURVE CURWB2
 PI STA. = 87+515.52
 $\Delta = 14^\circ 04' 30''$ (LT)
 $D = 0^\circ 45' 00''$
 $R = 7,639.44'$
 $T = 943.08'$
 $L = 1,876.67'$
 $E = 57.99'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 86+572.44$
 $P.T. STA. = 88+449.10$

EXIST. CURVE CUREB2
 PI STA. = 87+561.17
 $\Delta = 31^\circ 21' 50''$ (LT)
 $D = 3^\circ 00' 00''$
 $R = 1,909.86'$
 $T = 536.19'$
 $L = 1,045.46'$
 $E = 73.84'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 87+024.98$
 $P.T. STA. = 88+070.44$



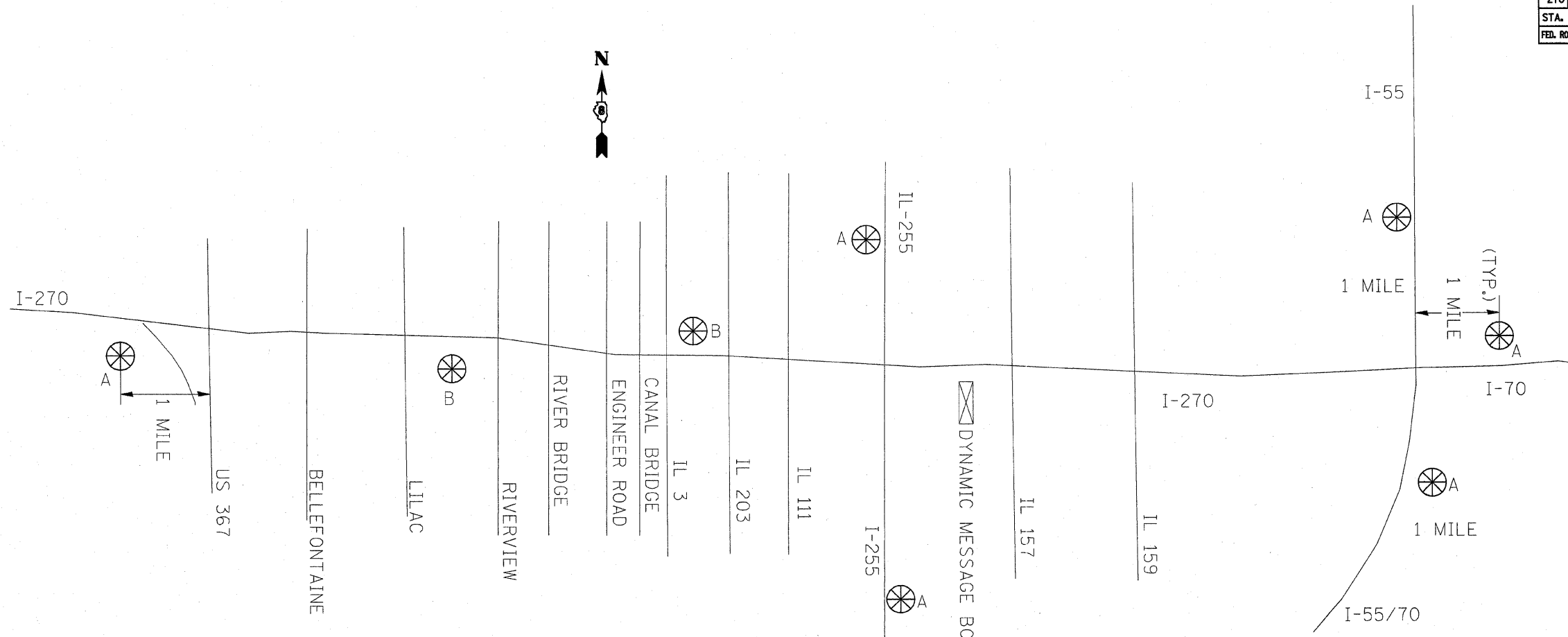
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
 FILE NAME = c:\projects\76b17\plan\p1n0270b.dgn
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	29
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



A

1st PANEL	2nd PANEL	3rd PANEL
I-270 CONST AT _____	"DATES"	EXPECT LONG DELAYS

B

1st PANEL	2nd PANEL
RIGHT/LEFT LANE CLOSED AHEAD	EXPECT LONG DELAYS

"A" SIGNS WILL BE REQUIRED FOR THE DURATION OF THE PROJECT, WHICH IS ESTIMATED TO BE 3 CALENDAR MONTHS.

"B" SIGNS ARE ONLY REQUIRED FOR WORK IN AREA #1 (SEE LINE DIAGRAM) BETWEEN ENGINEER ROAD AND THE CANAL BRIDGE. THIS WORK IS ESTIMATED TO BE COMPLETED DURING ONE CALENDAR MONTH.

THESE MESSAGE SIGNS ARE IN ADDITION TO THOSE PROVIDED WITH OTHER HIGHWAY STANDARDS.

REVISIONS		DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME			
			MESSAGE SIGN DETAIL FAI ROUTE 270 SECTION 60-(1,2,3,4,5)I MADISON COUNTY
SCALE:	VERT.	DATE	DRAWN BY
	HORIZ.		CHECKED BY


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1,2,3,4,5,1	MADISON	46	30
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON MAY 30, 2003 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES. THIS PLAN HAS ALSO BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMIT NUMBER ILR40 FOR DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS IF CHECKED BELOW.

NPDES PERMITS ASSOCIATED WITH THIS PROJECT:

- ILR10
- ILR40 PERMIT NO. 0493

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

 MARY C. LAMIE
 PRINT NAME


 SIGNATURE

 12-12-07
 DATE

 DEPUTY DIRECTOR OF HIGHWAYS
 REGION FIVE ENGINEER
 TITLE

 IL DEPT. OF TRANSPORTATION
 AGENCY

TWENTY SOIL TYPES ARE LOCATED WITHIN THE PROJECT AREA FROM IL 157 TO I-55/70 (STA. 613+09 - STA. 858+72). THESE ARE:

MENFRO SILT LOAM (79B) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

MENFRO SILT LOAM, ERODED (79C2) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

MENFRO SILT LOAM, ERODED (79D2) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 10 AND 18 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

MENFRO SILTY CLAY LOAM, SEVERELY ERODED (79D3) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 10 AND 18 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

MENFRO SILT LOAM (79F) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 18 AND 35 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

CASEYVILLE SILT LOAM (267A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

DOWNSOUTH SILT LOAM (283B) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS HIGH SUSCEPTIBILITY TO WATER EROSION AND LOW SUSCEPTIBILITY TO WIND EROSION.

EDWARDSVILLE SILT LOAM (384A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS MODERATE SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

MASCOUTAH SILTY CLAY LOAM (385A) - A POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS MODERATE SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

WINFIELD SILT LOAM (477B) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS HIGH SUSCEPTIBILITY TO WATER EROSION AND LOW SUSCEPTIBILITY TO WIND EROSION.

WINFIELD SILTY CLAY LOAM, SEVERELY ERODED (477B3) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS HIGH SUSCEPTIBILITY TO WATER EROSION AND LOW SUSCEPTIBILITY TO WIND EROSION.

WINFIELD SILTY CLAY LOAM, SEVERELY ERODED (477C3) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

NAVLYS SILTY CLAY LOAM, SEVERELY ERODED (630D3) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 10 AND 18 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

ORTHERTS, SILTY, HILLY (801D) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATELY SLOW TO MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES GREATER THAN 8 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

SYLVAN-BOLD SILT LOAMS, ERODED (962D2) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 10 AND 18 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

SYLVAN-BOLD SILT LOAMS, ERODED (962F2) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 18 AND 35 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

WAKELAND SILT LOAM (3333A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

WILBUR SILT LOAM (3336A) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

ORION SILT LOAM (3415A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

HAYMOND SILT LOAM (8331A) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL OCCASIONALLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF THE PROPOSED IMPROVEMENTS OF 6.41 MILES OF I-270 BETWEEN THE MISSISSIPPI RIVER BRIDGE AND I-55/70/270.

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLAN:

CONSTRUCTION WILL INCLUDE THE PLACEMENT OF A HOT-MIX ASPHALT SHOULDER, HIGH TENSION CABLE MEDIAN BARRIER, TEMPORARY CONCRETE BARRIER REMOVAL AND IMPACT ATTENUATOR REMOVAL.

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE, SUCH AS GRUBBING, EXCAVATION AND GRADING:

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

- 1. EXCAVATION FOR HOT-MIX ASPHALT SHOULDER INSTALLATION AND INSTALLATION OF HIGH TENSION CABLE MEDIAN BARRIER.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 9.15 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 5.67 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: 0.47

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSION:

FIVE SOIL TYPES ARE LOCATED WITHIN THE PROJECT AREA FROM THE MISSISSIPPI RIVER BRIDGE TO CHAIN OF ROCKS CANAL (STA. 156+52 - STA. 191+69). THESE ARE:

ORTHERTS, LOAMY, HILLY (802D) - A WELL-DRAINED SOIL WITH MODERATELY SLOW PERMEABILITY. THIS SOIL HAS OCCASIONAL FLOODING WITH SLOPES OVER 8 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

ROCHER LOAM (3038B) - A SOMEWHAT EXCESSIVELY DRAINED SOIL WITH VERY SLOW TO MODERATELY SLOW PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

BEAUCOUP SILTY CLAY LOAM (3070L) - A POORLY DRAINED SOIL WITH SLOW TO MODERATELY SLOW PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

DARWIN SILTY CLAY (3071L) - A POORLY DRAINED SOIL WITH SLOW PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO BOTH WATER AND WIND EROSION.

NAMEOKI SILTY CLAY LOAM (3592A) - A SOMEWHAT POORLY DRAINED SOIL WITH VERY SLOW TO MODERATELY RAPID PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO BOTH WATER AND WIND EROSION.

THREE SOIL TYPES ARE LOCATED WITHIN THE PROJECT AREA FROM IL 203 TO IL 111 (STA. 337+72 - STA. 399+97). THESE ARE:

ORTHERTS, LOAMY, HILLY (802D) - A WELL DRAINED SOIL WITH MODERATELY SLOW PERMEABILITY. THIS SOIL OCCASIONALLY FLOODS WITH SLOPES OVER 8 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

ORTHERTS, SILTY, HILLY (301D) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATELY SLOW TO MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES OVER 8 PERCENT. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A LOW SUSCEPTIBILITY TO WIND EROSION.

DARWIN SILTY CLAY (8071L) - A POORLY DRAINED SOIL WITH VERY SLOW TO MODERATE PERMEABILITY. THIS SOIL OCCASIONALLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO BOTH WATER AND WIND EROSION.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY ERODIBLE AREAS ASSOCIATED WITH THIS PROJECT:

REFER TO THE DESCRIPTION OF SOIL TYPES SHOWN IN "F." UNDER THE SITE DESCRIPTION.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES, THEIR LOCATIONS, AND THEIR ERODIBLE FACTORS (E.G. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC):

THE NATURE AND PURPOSE OF LAND DISTURBING ACTIVITIES ON THIS PROJECT IS TO EXCAVATE AND PLACE A 4 FOOT WIDE, 4" DEEP MOW STRIP ALONG THE EDGE OF SHOULDER, AT LOCATIONS SHOWN ON THE PLAN SHEETS. TO PLACE A HIGH TENSION CABLE MEDIAN BARRIER. EXCAVATED MATERIAL WILL BE USED TO MATCH THE EDGE OF THE MOW STRIP WITH THE EXISTING SLOPE.

I. SEE THE EROSION CONTROL PLANS AND/OR DRAINAGE PLANS FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTOR IDENTIFIES LOCATIONS), AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.

J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

MISSISSIPPI RIVER
CHAIN OF ROCKS CANAL

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT: (CHECK ALL THAT APPLY)

- SOIL SEDIMENT
- CONCRETE
- CONCRETE TRUCK WASTE
- CONCRETE CURING COMPOUNDS
- SOLID WASTE DEBRIS
- PAINTS
- SOLVENTS
- FERTILIZERS / PESTICIDES
- PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS)
- ANTIFREEZE / COOLANTS
- WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR, AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH WILL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE, AND ARE A PART OF, THIS PLAN:

A. EROSION AND SEDIMENT CONTROL

1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES, INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN II(A)(1)(a) AND II(A)(3), STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

a. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: (CHECK ALL THAT APPLY)

- PRESERVATION OF MATURE VEGETATION
- VEGETATED BUFFER STRIPS
- PROTECTION OF TREES
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY TURF (SEEDING, CLASS 7)
- TEMPORARY MULCHING
- PERMANENT SEEDING
- EROSION CONTROL BLANKET / MULCHING
- SODDING
- GEOTEXTILES
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....
- OTHER (SPECIFY).....

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**STORM WATER POLLUTION
PREVENTION PLAN**

FAI RTE 270
SECTION 60-1,2,3,4,5I
MADISON COUNTY

DATE: 12/12/07
 DRAWN BY: J. B. BROWN
 CHECKED BY: J. B. BROWN
 REF:






FAI-ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	32
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		

- A. SPILL PREVENTION AND CONTROL - BMPs SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.
- B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:
 - 1. TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.
 - 2. THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
 - 3. ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
 - 4. CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.
- C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.
- D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.
- E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMPs CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPs WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (S)HE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPs (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPs:
 - 1. CONTAINMENT
 - 2. SPILL PREVENTION AND CONTROL
 - 3. USE OF DRIP PANS AND ABSORBENTS
 - 4. AUTOMATIC SHUT-OFF NOZZLES
 - 5. TOPPING OFF RESTRICTIONS
 - 6. LEAK INSPECTION AND REPAIR
- F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

FAILURE TO COMPLY:

FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

LEGEND

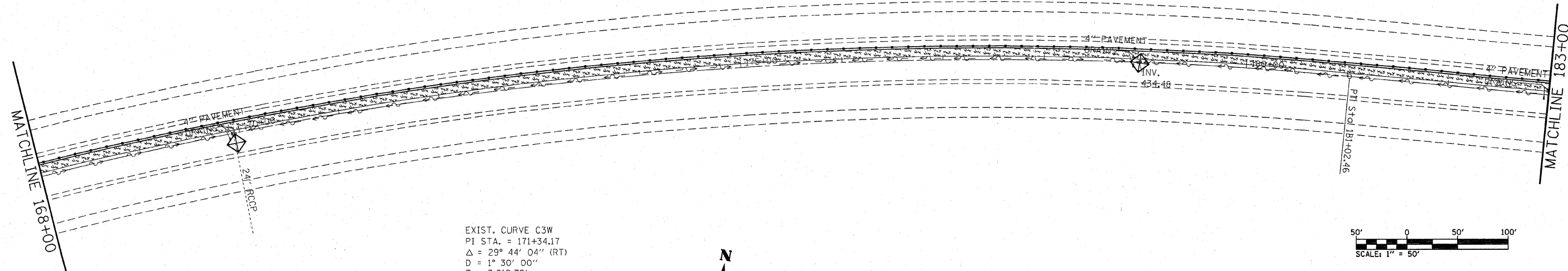
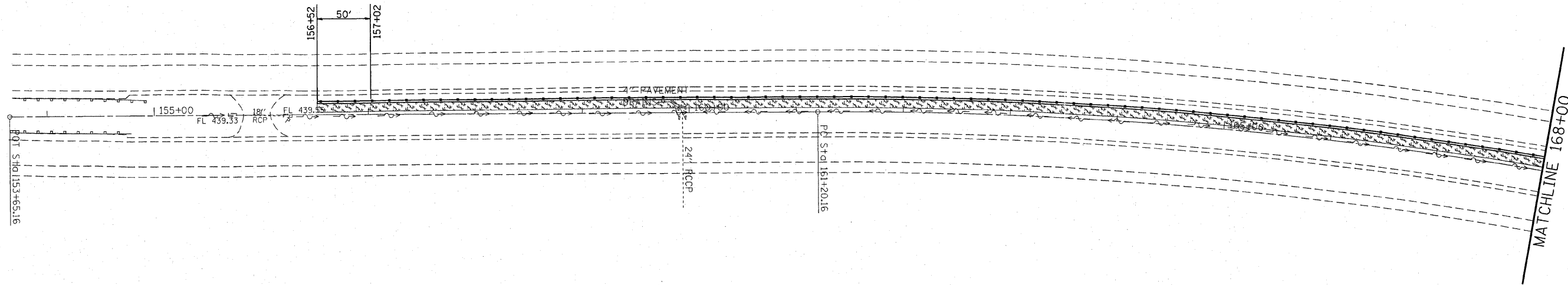
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-  TEMPORARY DITCH CHECK- AGGREGATE
-  EROSION CONTROL BLANKET
-  PERIMETER EROSION BARRIER- SILT FILTER FENCE OR OTHER AS APPROVED BY THE ENGINEER
-  INLET AND PIPE PROTECTION- STRAW BALES, FILTER FABRIC, AGGREGATES

PLAN	SURVEYED	BY	DATE
NO. _____	FILED	_____	_____
NOTE BOOK	PLANNED	_____	_____
NO. _____	PERMIT CHECKED	_____	_____
NO. _____	PL. OF WAY CHECKED	_____	_____
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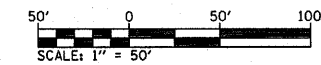
REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
**STORM WATER POLLUTION
 PREVENTION PLAN**
 FAI ROUTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	33
STA. 156+52		TO STA. 183+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



EXIST. CURVE C3W
 PI STA. = 171+34.17
 $\Delta = 29^\circ 44' 04''$ (RT)
 $D = 1^\circ 30' 00''$
 $R = 3,819.72'$
 $T = 1,014.01'$
 $L = 1,982.30'$
 $E = 132.30'$
 $\theta =$ -----
 $T.R. =$ -----
 $S.E. RUN =$ -----
 $P.C. STA. = 161+20.16$
 $P.T. STA. = 181+02.46$



-  INLET AND PIPE PROTECTION
-  MULCH

REVISIONS	
NAME	DATE

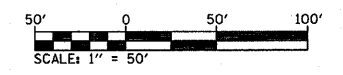
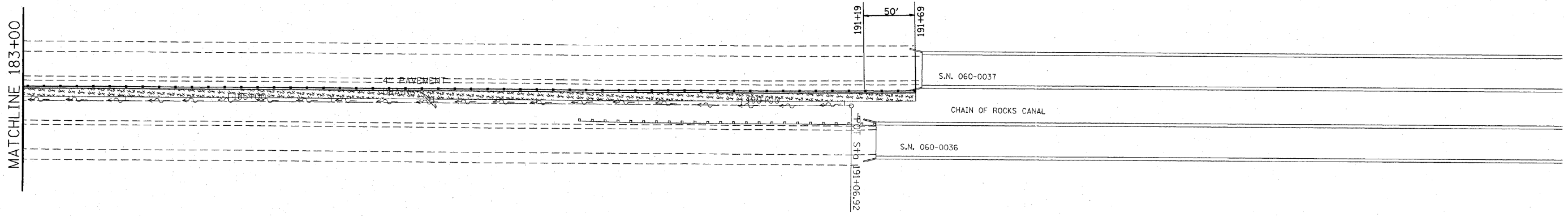
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA#1
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 183+00		TO STA. 191+69		
FED. ROAD DIST. NO. _ ILLINOIS		FED. AID PROJECT		



-  INLET AND PIPE PROTECTION
-  MULCH

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #1
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

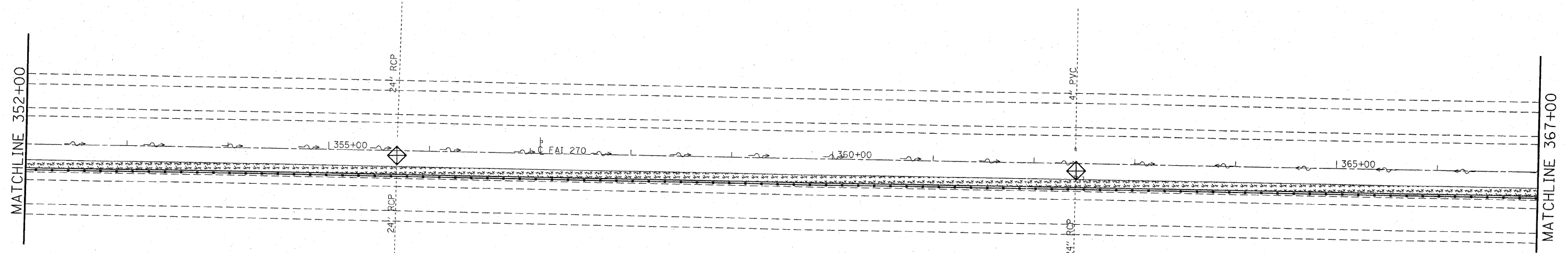
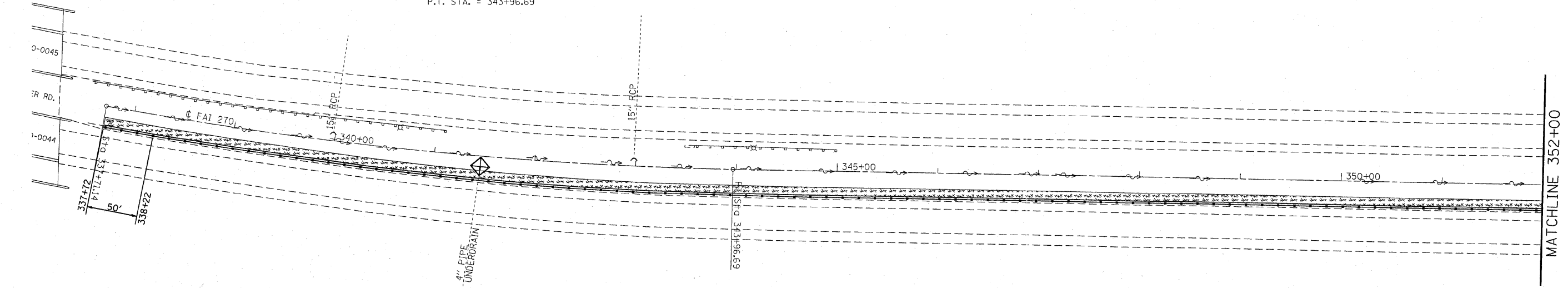
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DATE _____ DRAWN BY _____
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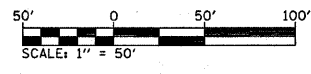
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	35
STA. 337+72		TO STA. 367+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		

EXIST. CURVE C3
 PI STA. = 340+84.62
 $\Delta = 9^{\circ} 23' 00''$ (LT)
 $D = 1^{\circ} 30' 00''$
 $R = 3,819.72'$
 $T = 313.48'$
 $L = 625.56'$
 $E = 12.84'$
 $\theta = \text{---}$
 $T.R. = \text{---}$
 $S.E. \text{ RUN} = \text{---}$
 $P.C. \text{ STA.} = 337+71.14$
 $P.T. \text{ STA.} = 343+96.69$



- INLET AND PIPE PROTECTION
- MULCH



REVISIONS	
NAME	DATE

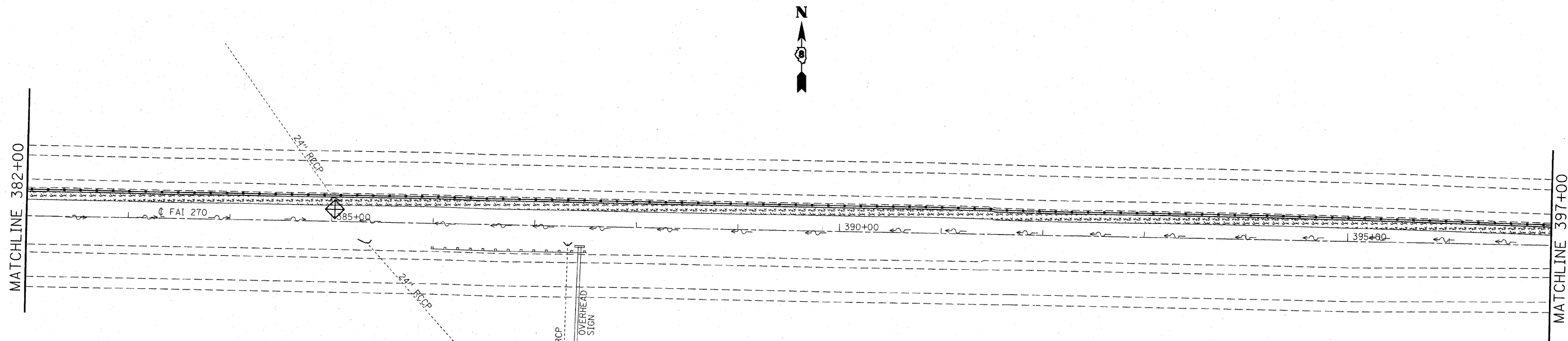
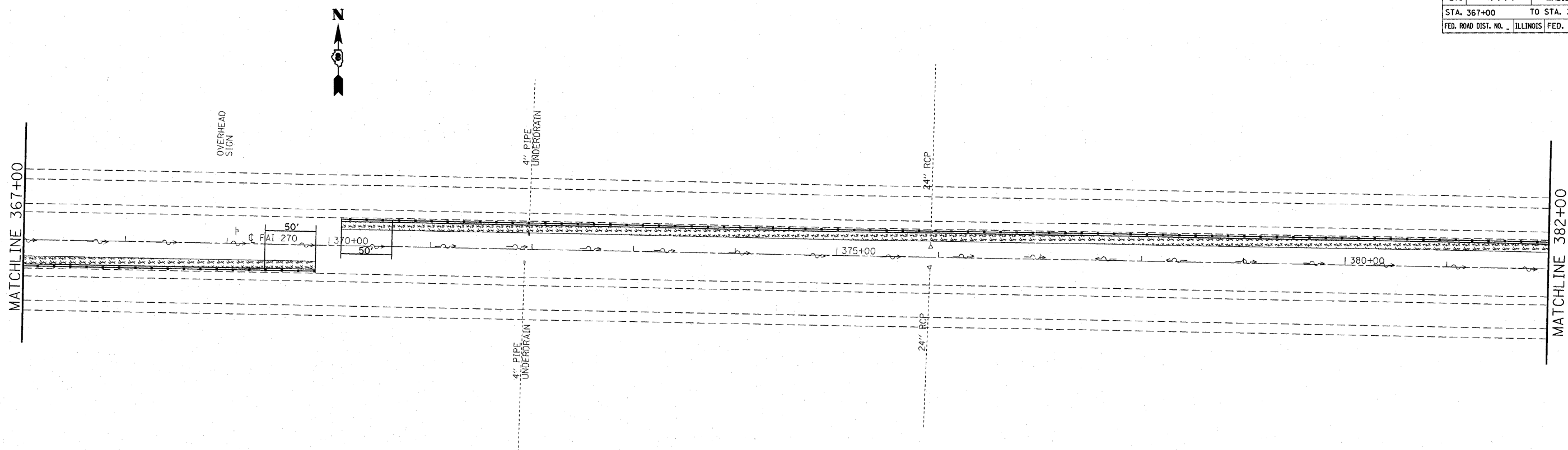
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #2
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

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 DATE _____

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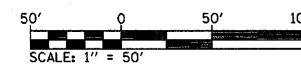
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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STA. 367+00		TO STA. 397+00		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



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◆ INLET AND PIPE PROTECTION
 ■ MULCH

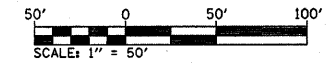
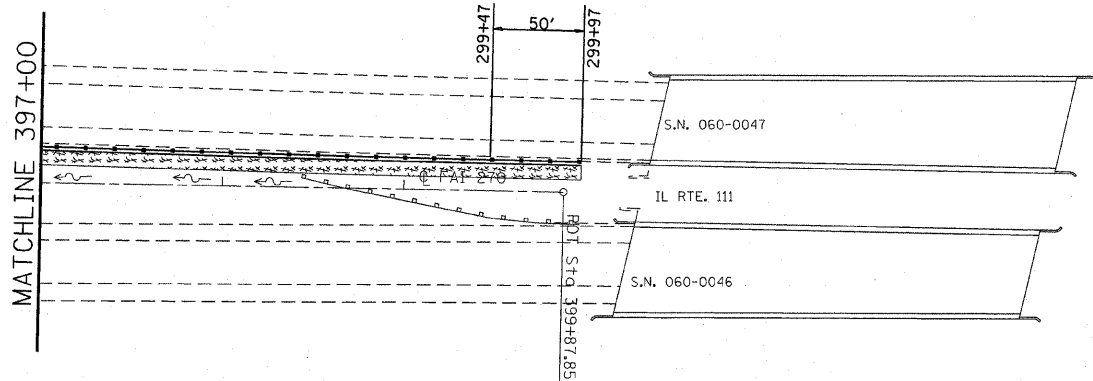


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #2
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. DATE
 HORIZ. DRAWN BY CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	37
STA. 397+00		TO STA. 399+97		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	



- INLET AND PIPE PROTECTION
- MULCH

REVISIONS	
NAME	DATE

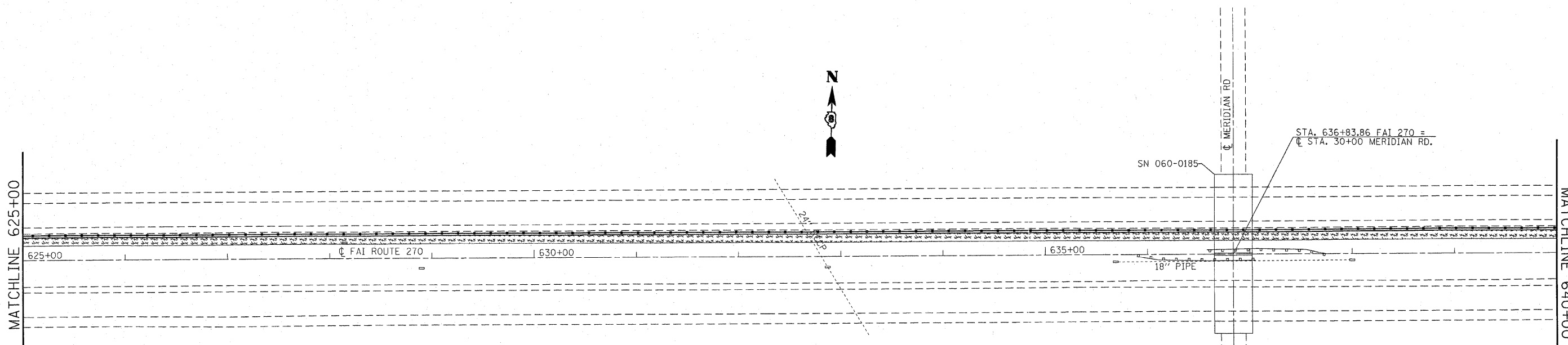
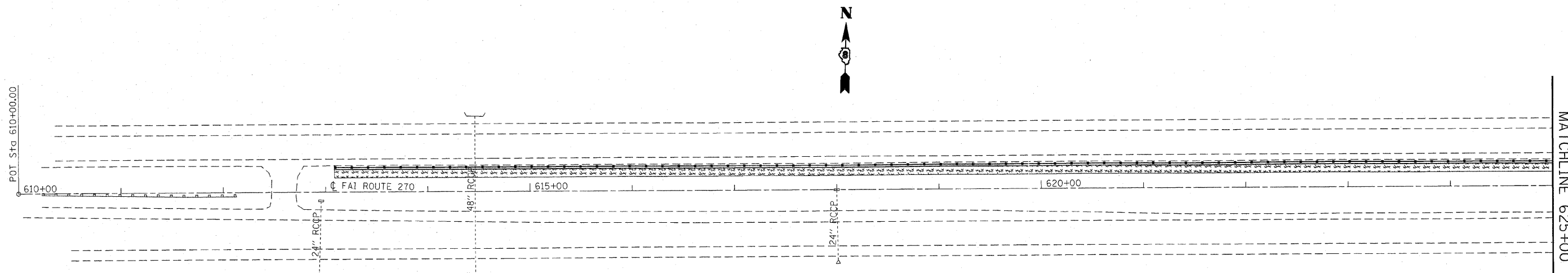
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #2
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

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 HORIZ. _____

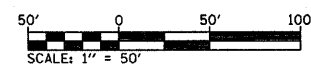
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
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 REFERENCE = REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	38
STA. 613+09		TO STA. 640+00		
FED. ROAD DIST. NO. _ ILLINOIS		FED. AID PROJECT		



STA. 636+83.86 FAI 270 =
 STA. 30+00 MERIDIAN RD.



-  INLET AND PIPE PROTECTION
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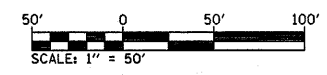
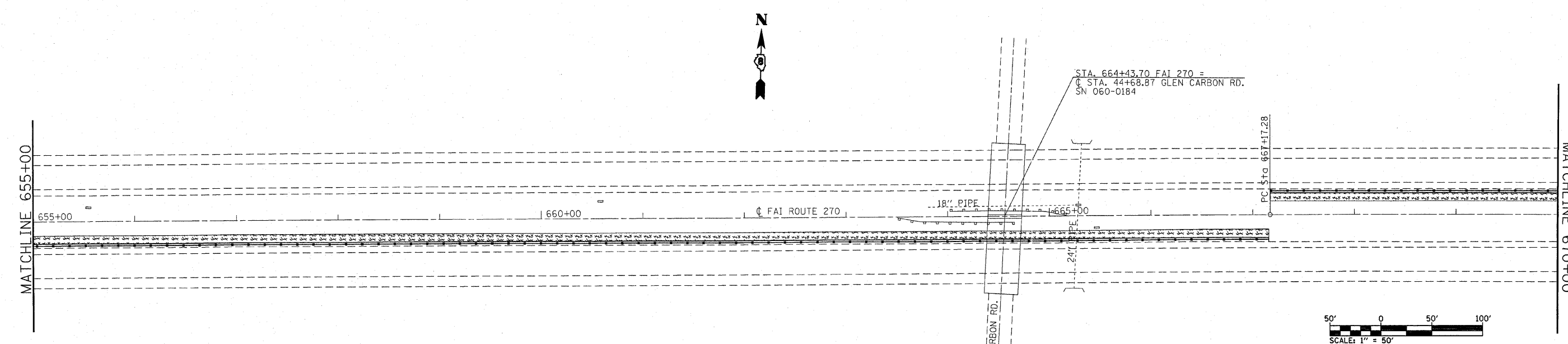
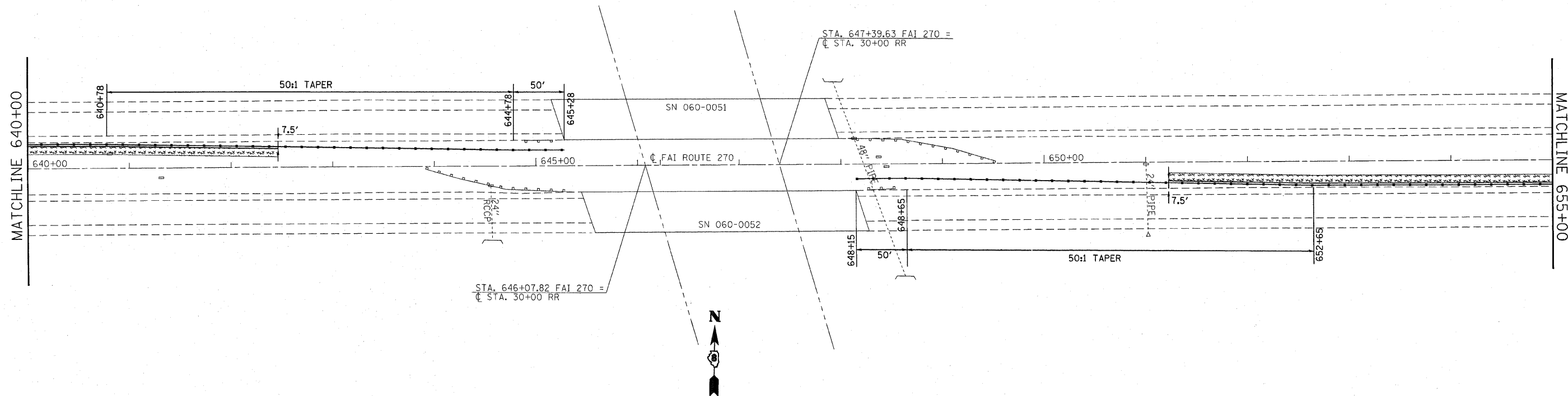
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
 FILE NAME = c:\projects\60-12345\plan\erocp\0207b.dgn
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 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	39
STA. 640+00		TO STA. 670+00		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	



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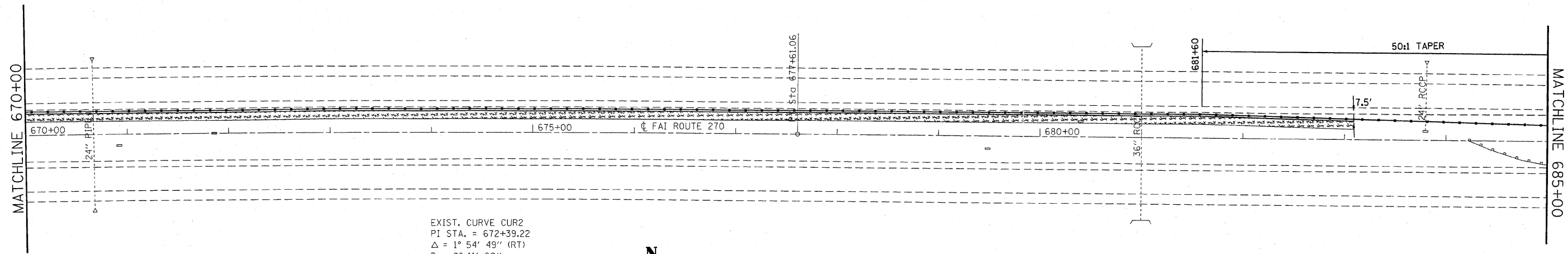
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

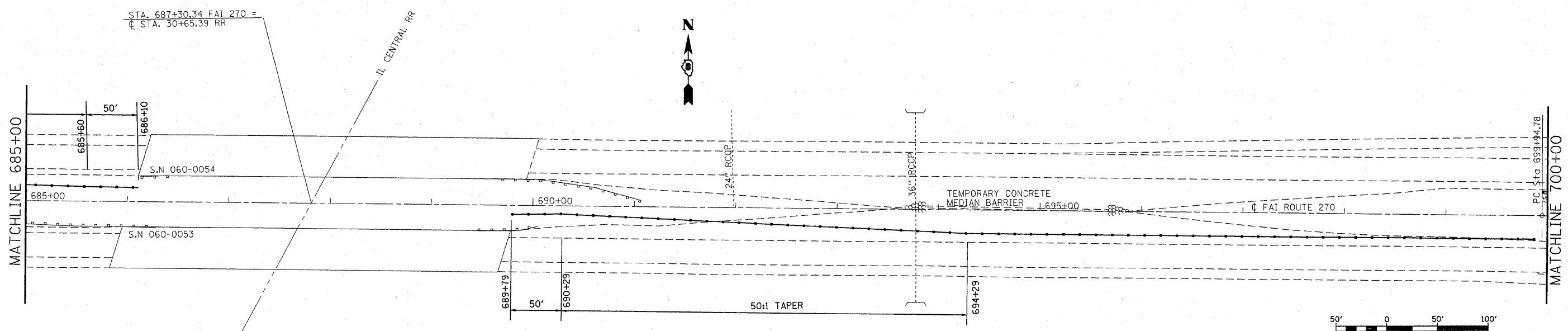
DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
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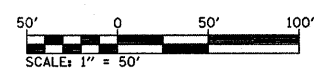
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	40
STA. 670+00		TO STA. 700+00		
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				



EXIST. CURVE CUR2
 PI STA. = 672+39.22
 Δ = 1° 54' 49" (RT)
 D = 0° 11' 00"
 R = 31,252.24'
 T = 521.94'
 L = 1,043.79'
 E = 4.36'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 667+17.28
 P.T. STA. = 677+61.06



STA. 687+30.34 FAI 270 =
 Ⓢ STA. 30+65.39 RR



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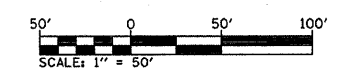
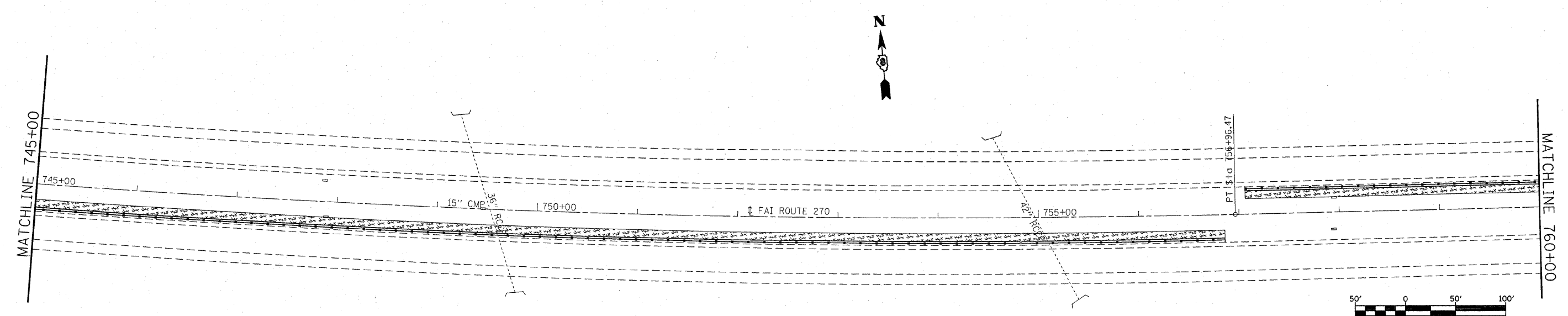
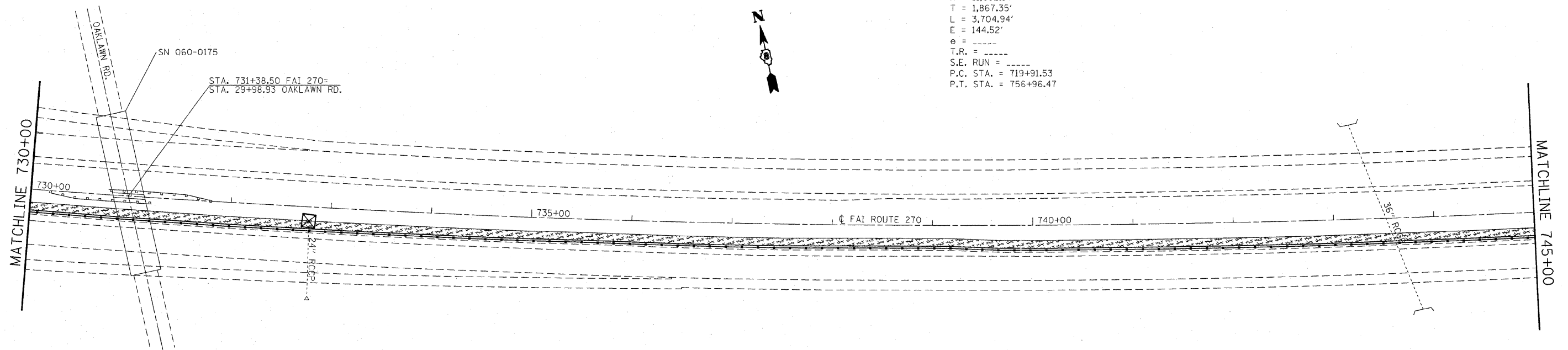
SCALE: VERT. _____
 HORIZ. _____
 DATE _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
 FILE NAME = c:\projects\ed092876\plan\erpl062876.dgn
 PLOT SCALE = 50.0000' / IN.
 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	42
STA. 730+00		TO STA. 760+00		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

EXIST. CURVE CUR4
 PI STA. = 738+58.88
 $\Delta = 17^\circ 42' 05''$ (LT)
 $D = 0^\circ 28' 40''$
 $R = 11,992.14'$
 $T = 1,867.35'$
 $L = 3,704.94'$
 $E = 144.52'$
 $\theta = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 719+91.53$
 $P.T. \text{ STA.} = 756+96.47$



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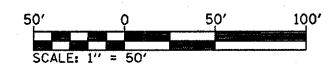
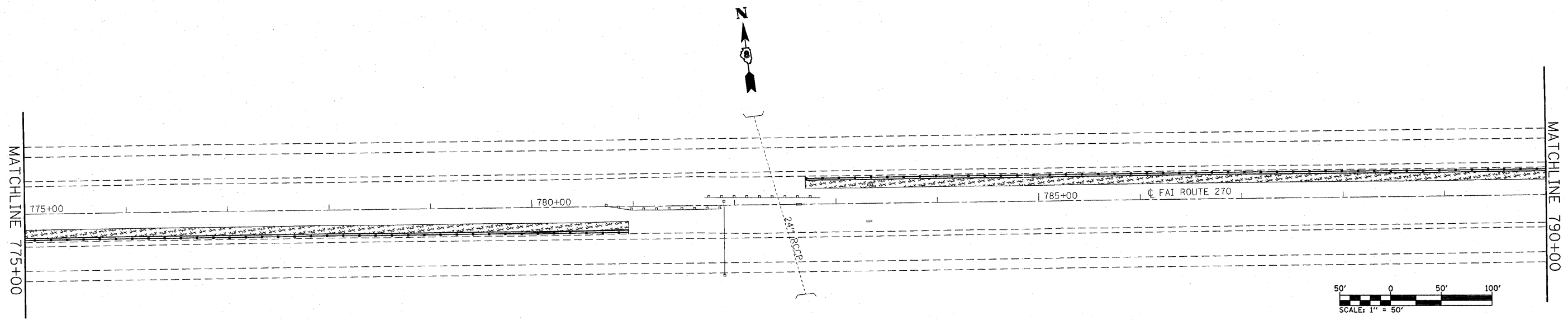
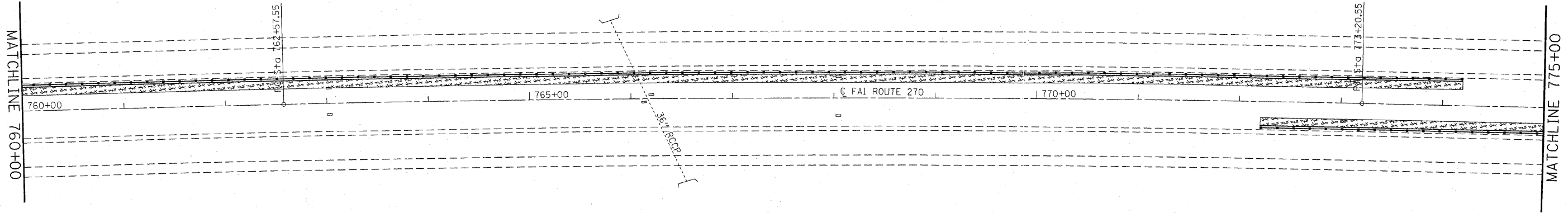
SCALE: VERT. _____
 HORIZ. _____

DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
 FILE NAME = c:\projects\eroc\76b17\plan\eroc\927b.dgn
 PLOT SCALE = 50.0000' / IN.
 REFERENCE = #REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	43
STA. 760+00		TO STA. 790+00		
FED. ROAD DIST. NO. - ILLINOIS		FED. AID PROJECT		

EXIST. CURVE CUR5
 PI STA. = 767+89.15
 $\Delta = 2^\circ 39' 27''$ (RT)
 D = $0^\circ 15' 00''$
 R = 22,918.31'
 T = 531.60'
 L = 1,063.00'
 E = 6.16'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 762+57.55
 P.T. STA. = 773+20.55



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SCALE: VERT. _____
 HORIZ. _____

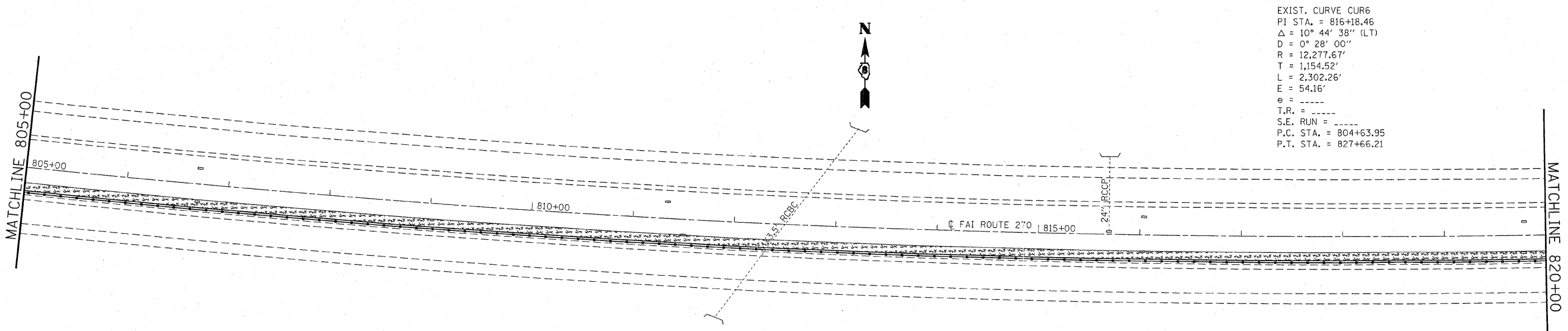
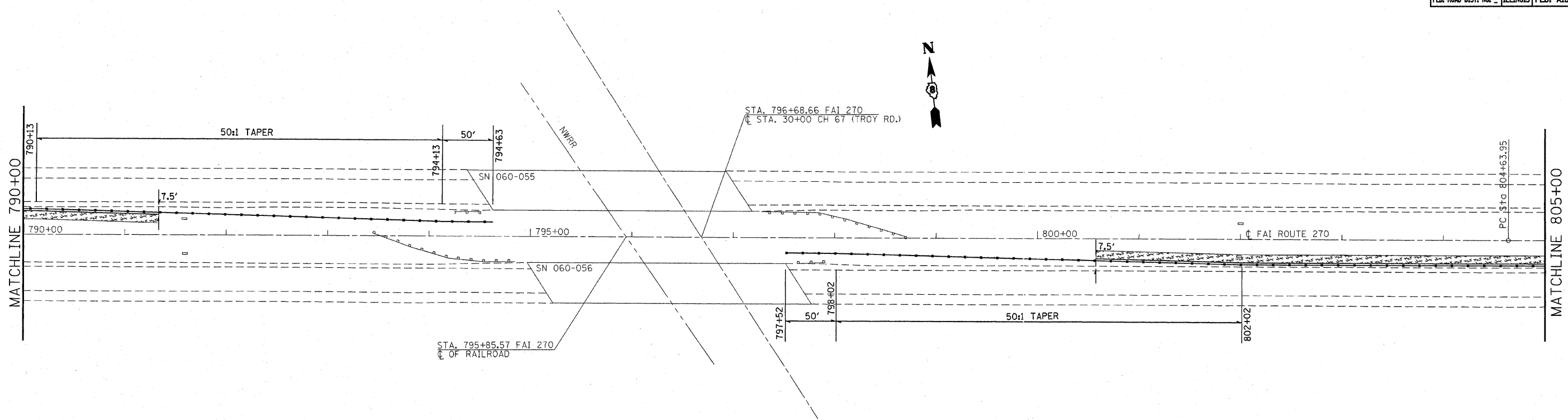
DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
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 PLOT SCALE = 50.0000 / IN.
 REFERENCE = *REF*

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	44

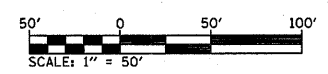
STA. 790+00 TO STA. 820+00

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



EXIST. CURVE CUR6
 P.I. STA. = 816+18.46
 $\Delta = 10^\circ 44' 38''$ (LT)
 $D = 0^\circ 28' 00''$
 $R = 12,277.67'$
 $T = 1,154.52'$
 $L = 2,302.26'$
 $E = 54.16'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. \text{ RUN} = \text{-----}$
 $P.C. \text{ STA.} = 804+63.95$
 $P.T. \text{ STA.} = 827+66.21$

- INLET AND PIPE PROTECTION
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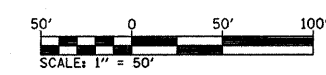
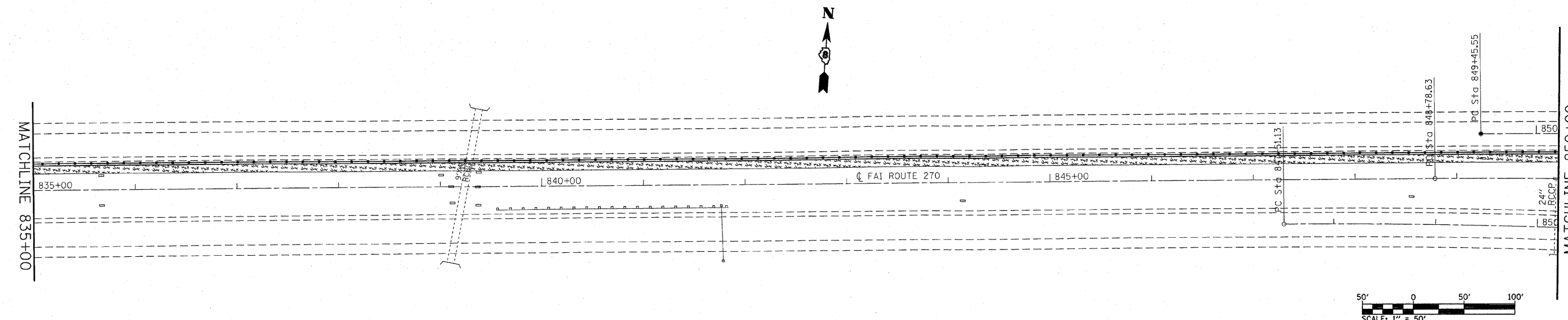
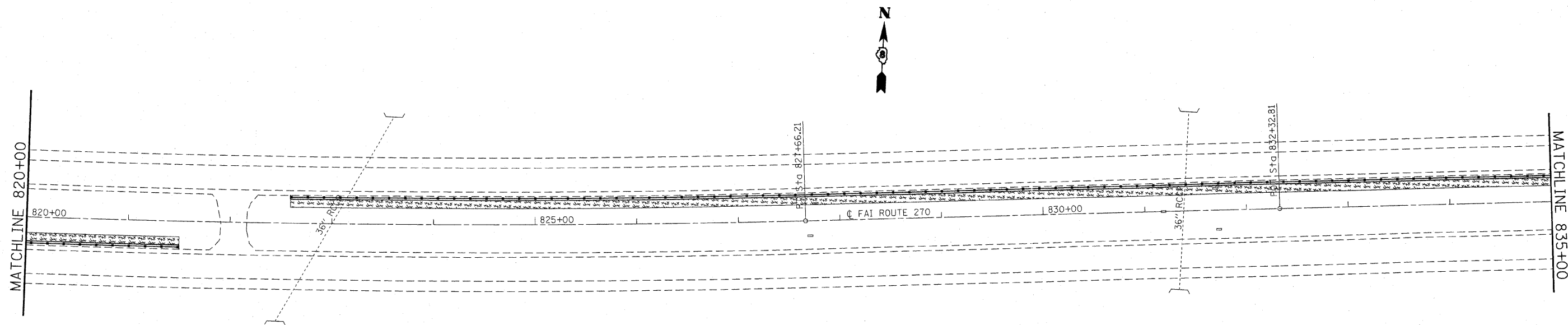
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
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 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
 FILE NAME = c:\projects\erod92076\plan\erod92076.dgn
 PLOT SCALE = 50.00000' / IN.
 REFERENCE = REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	45
STA. 820+00		TO STA. 850+00		
FED. ROAD DIST. NO. _ ILLINOIS		FED. AID PROJECT		



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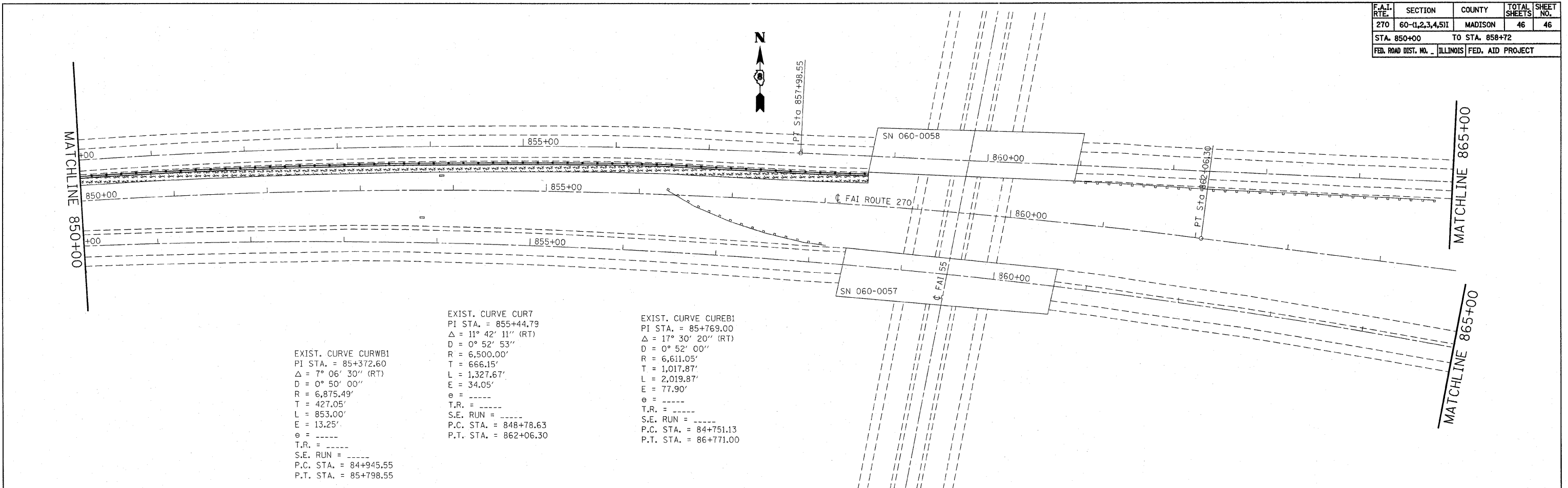
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #3
 FAI RTE 270
 SECTION 60-(1,2,3,4,5)I
 MADISON COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = 12/12/2007
 FILE NAME = c:\projects\6852876\plan\eroln\95287b.dgn
 PLOT SCALE = 50.0000 / IN.
 REFERENCE = REF#

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	46
STA. 850+00		TO STA. 858+72		
FED. ROAD DIST. NO. ILLINOIS		FED. AID PROJECT		



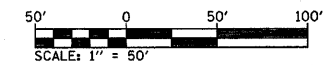
EXIST. CURVE CURWB1
 PI STA. = 85+372.60
 $\Delta = 7^\circ 06' 30''$ (RT)
 $D = 0^\circ 50' 00''$
 $R = 6,875.49'$
 $T = 427.05'$
 $L = 853.00'$
 $E = 13.25'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 84+945.55$
 $P.T. STA. = 85+798.55$

EXIST. CURVE CURT
 PI STA. = 855+44.79
 $\Delta = 11^\circ 42' 11''$ (RT)
 $D = 0^\circ 52' 53''$
 $R = 6,500.00'$
 $T = 666.15'$
 $L = 1,327.67'$
 $E = 34.05'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 848+78.63$
 $P.T. STA. = 862+06.30$

EXIST. CURVE CURB1
 PI STA. = 85+769.00
 $\Delta = 17^\circ 30' 20''$ (RT)
 $D = 0^\circ 52' 00''$
 $R = 6,611.05'$
 $T = 1,017.87'$
 $L = 2,019.87'$
 $E = 77.90'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 84+751.13$
 $P.T. STA. = 86+771.00$

EXIST. CURVE CURWB2
 PI STA. = 87+515.52
 $\Delta = 14^\circ 04' 30''$ (LT)
 $D = 0^\circ 45' 00''$
 $R = 7,639.44'$
 $T = 943.08'$
 $L = 1,876.67'$
 $E = 57.99'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 86+572.44$
 $P.T. STA. = 88+449.10$

EXIST. CURVE CURB2
 PI STA. = 87+561.17
 $\Delta = 31^\circ 21' 50''$ (LT)
 $D = 3^\circ 00' 00''$
 $R = 1,909.86'$
 $T = 536.19'$
 $L = 1,045.46'$
 $E = 73.84'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 87+024.98$
 $P.T. STA. = 88+070.44$



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SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

PLT DATE = 12/12/2007
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