3-7-08 Letting, Item 011

CONTRACT NO. 76B17

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

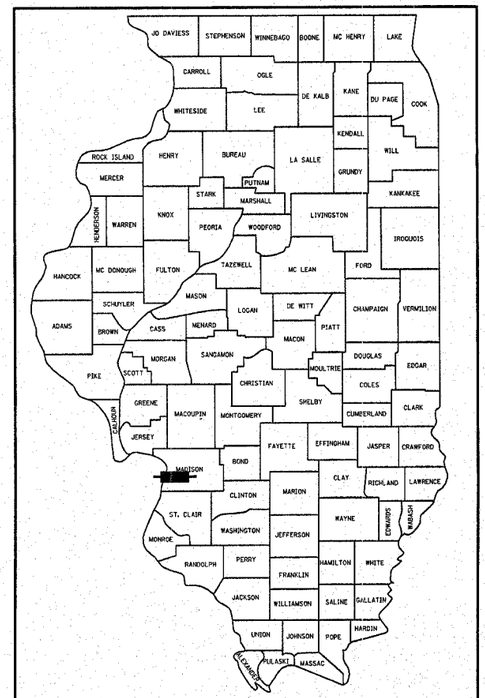
FAI ROUTE 270
SECTION 60-(1,2,3,4,5)I
PROJECT : ACHSIP-270-5(082)001
HIGH TENSION CABLE MEDIAN BARRIER
MADISON COUNTY
C-98-095-07

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STANDARDS

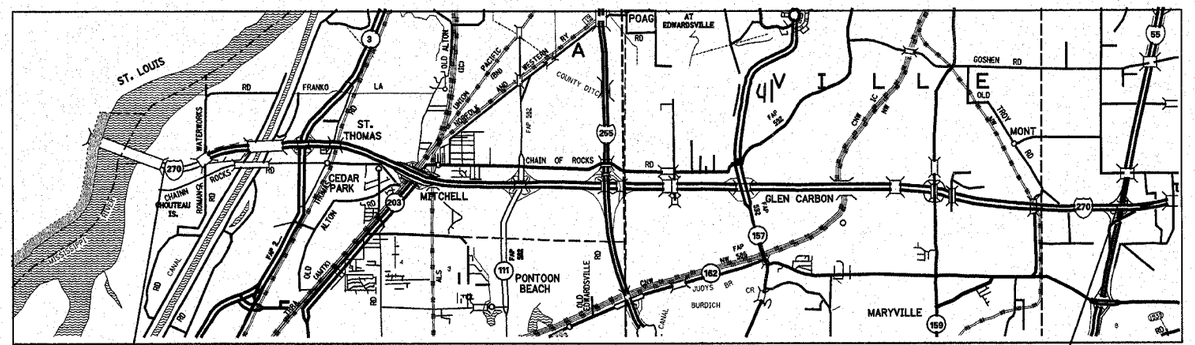
701101-01
701400-02
701401-04
701406-04
701426-02
701901

D-98-092-07



LOCATION OF SECTION INDICATED THUS: -

N



BEGIN STATION
156+52

OMISSIONS - SEE LINE DIAGRAM

END STATION
858+72

LAYOUT
0 MI 1 MI 2 MI 3 MI
1" = 1 MILE

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

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

100' 200' 300' — 1"= 100'
0 10' 20' 30' — 1"= 10'
0 50' 100' — 1"= 50'
0 50' 100' — 1"= 40'
0 50' 100' — 1"= 30'
0 50' 100' — 1"= 20'

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED Dec. 12 2007
Mary C Ramsi
DEPUTY DIRECTOR OF HIGHWAYS
REGION FIVE ENGINEER
February 1, 2008
Eric E. Harm /JD
Interim ENGINEER OF DESIGN AND ENVIRONMENT
February 1, 2008
Christine M. Reed /JD
DIRECTOR, DIVISION OF HIGHWAYS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

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

CONTRACT NO. 76B17

CONTRACT NO. 76817

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

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

2. 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
- 360NETWORKS (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.

3. 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.

4. 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.

5. FLAGMEN SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION WILL BE APPLIED.

6. STANDARD 701101 SHALL BE USED FOR SHOULDER CLOSING WITH A SHOULDER CLOSED SIGN.

7. ALL TRAFFIC CONTROL DEVICES SHALL BE SKID MOUNTED.

8. 'ROAD CONSTRUCTION AHEAD' SIGNS SHALL BE PLACED AT THE BEGINNING OF THE PROJECT AND ALL ENTRANCE RAMPS; COST TO BE INCLUDED WITH THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE FLUORESCENT ORANGE AND 48"X48".

9. TOPOGRAPHIC SURVEY WAS PERFORMED FOR THE MEDIAN AREA ONLY. ALL OTHER ITEMS SHOWN WERE CREATED FROM OLD PLANS.

10. BEGINNING AND ENDING STATIONS AS SHOWN IN THE PLANS FOR HTC AND MOW STRIP ARE APPROXIMATE. THE R.E. WILL DETERMINE THE EXACT LOCATIONS.

11. THE MINIMUM DEPTH OF THE LINE POST FOUNDATIONS SHALL BE 30".

12. 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

13. 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.

14. 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.

15. IN ADDITION TO THE PORTABLE CHANGEABLE MESSAGE SIGNS INCLUDED IN THE TRAFFIC CONTROL STANDARDS, EIGHT ADDITIONAL PORTABLE CHANGEABLE MESSAGAE 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.

16. 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.

17. 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.

18. 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.

19. 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.

20. 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 ASHPALT SHOULDERS, 4".

21. 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 TEMPROARY CONCRETE MEDIAN BARRIER REMOVAL.

INDEX OF SHEETS

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%

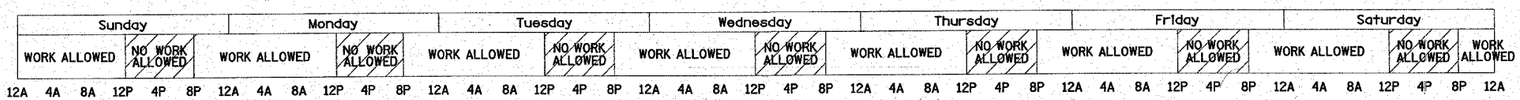
IL RTE 157 TO IL RTE 159

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

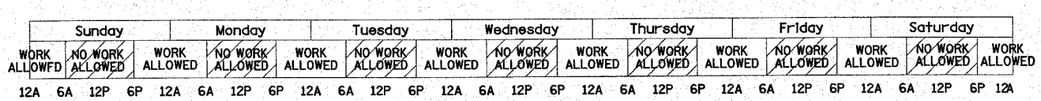
IL RTE 159 TO I-55/70/270

2007 ADT = 29,800 (ACTUAL)
2008 ADT = 30,100 (ESTIMATED)
2028 ADT = 36,700 (ESTIMATED)
SU = 5.0%
MU = 23.8%

EASTBOUND WORK SCHEDULE



WESTBOUND WORK SCHEDULE



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)I
MADISON COUNTY

SCALE: VERT.
HORIZ.
DRAWN BY
DATE
CHECKED BY

PLOT DATE = 1/17/2008
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PLOT SCALE = 50.0000 '/ IN.
REFERENCE = REF

CONTRACT NO. 76B17

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

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		
⊙ Z0076600	TRAINEES	HOUR	500	500		

⊙ Y080

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

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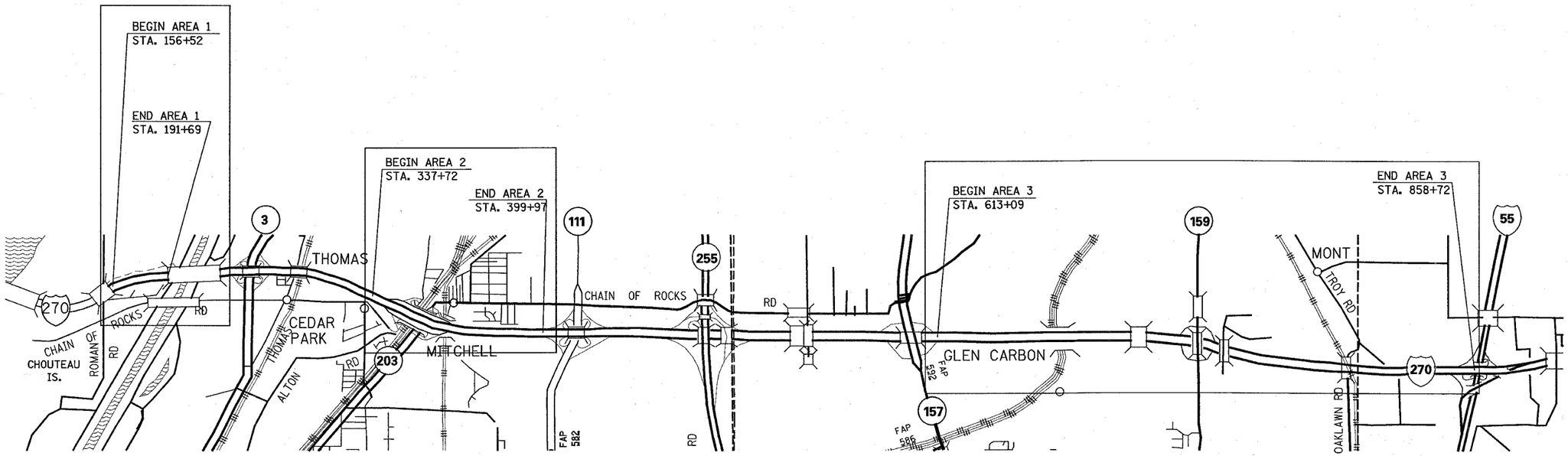
CONTRACT NO. 76B17

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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REFERENCE = REF

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM

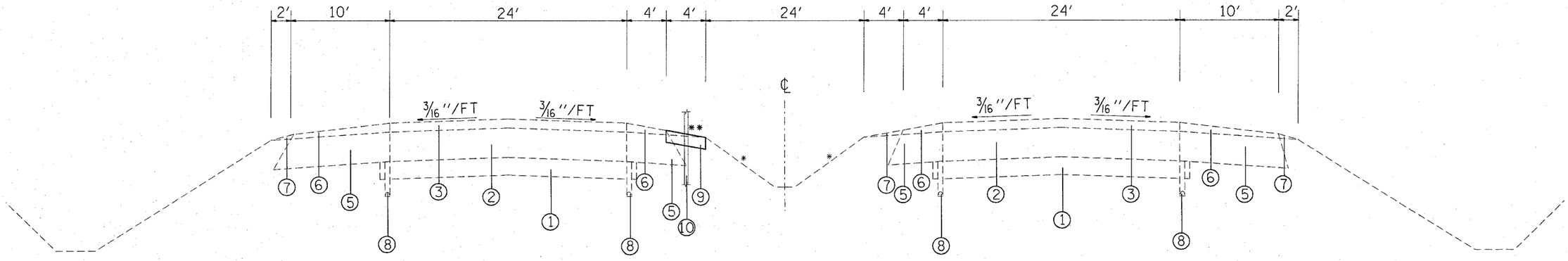
FAI RTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

CONTRACT NO. 76B17

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		

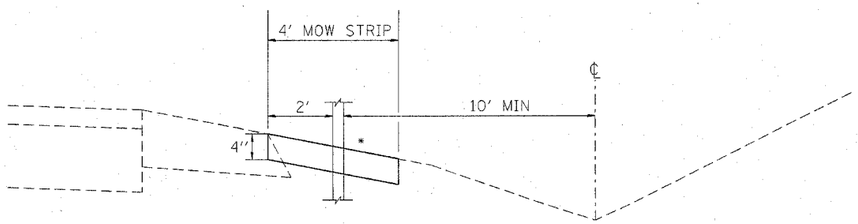


TANGENT SECTION

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



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

* 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 #1
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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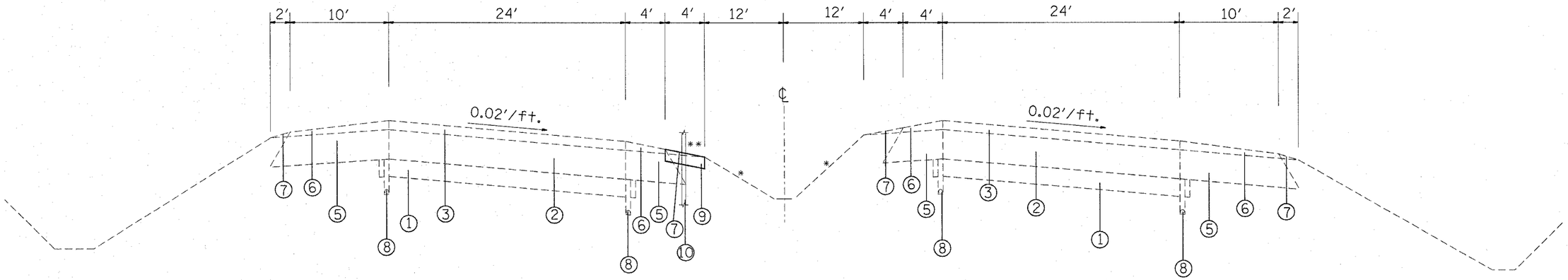
REFERENCE = REF

CONTRACT NO. 76B17

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		

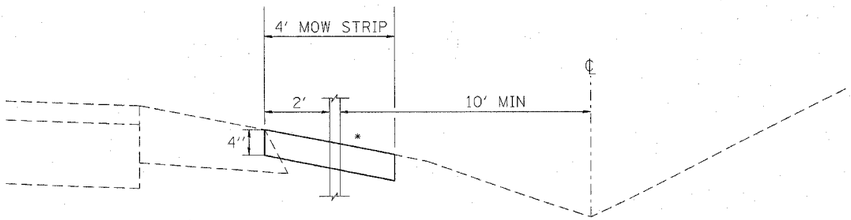


SUPERELEVATED SECTION

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
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.

* 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 #1
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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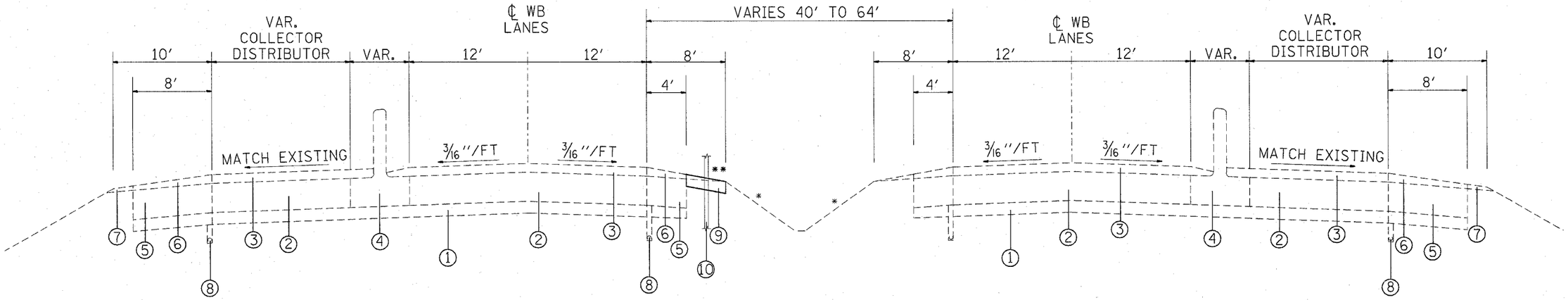
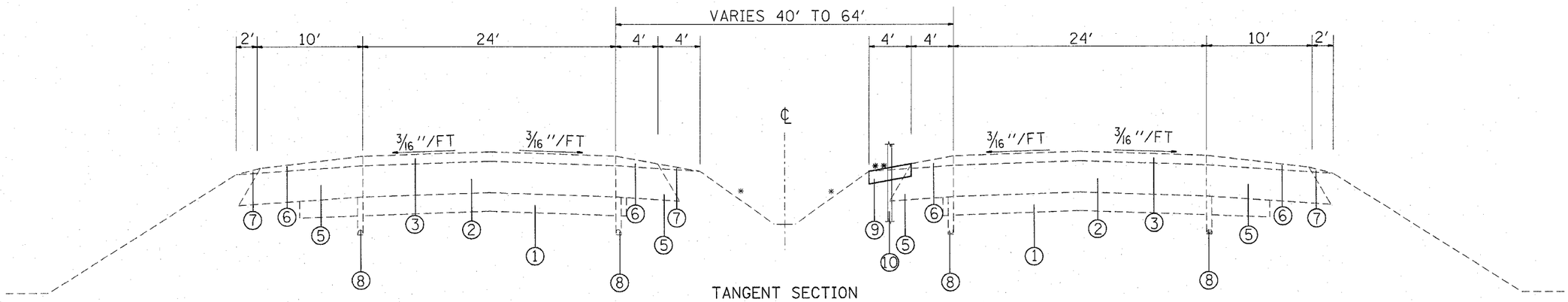
REFERENCE = REF

CONTRACT NO. 76B17

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		



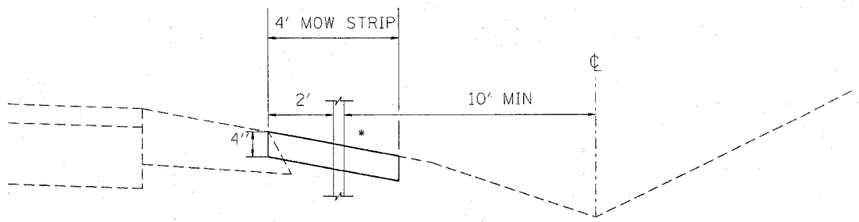
TANGENT SECTION
STA. 337+71.14 TO STA. 347+94.90



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



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

* MEDIAN SLOPES VARY 4:1 AND FLATTER

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

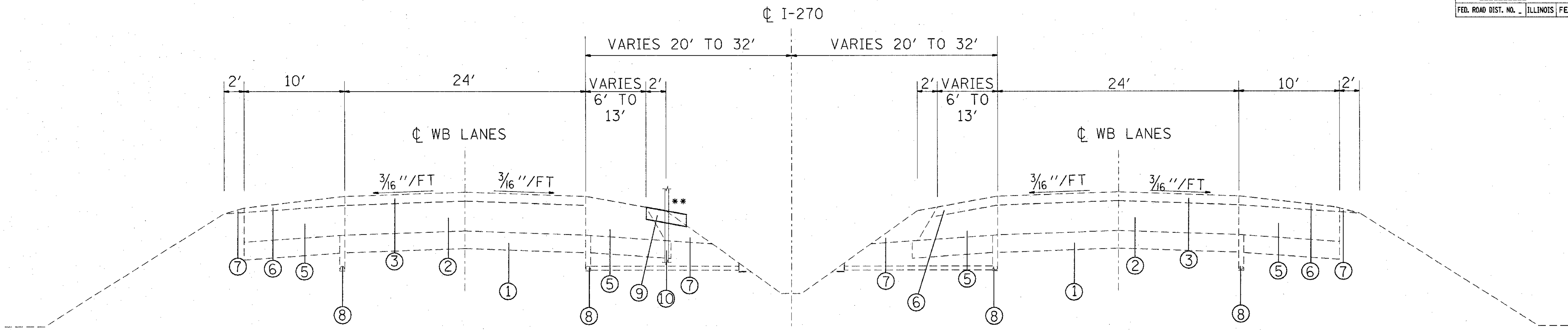
REVISIONS NAME	DATE

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

PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed892287a\plan\plt892287aa.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

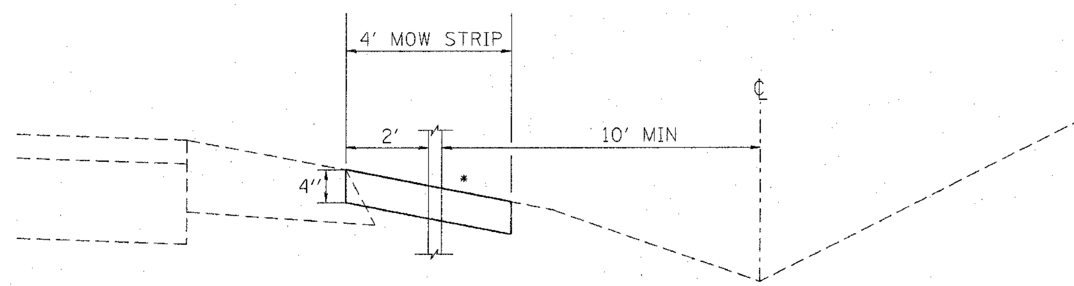
CONTRACT NO. 76B17				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	8
STA. ________ TO STA.________				
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



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.



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

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

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. DRAWN BY
DATE CHECKED BY

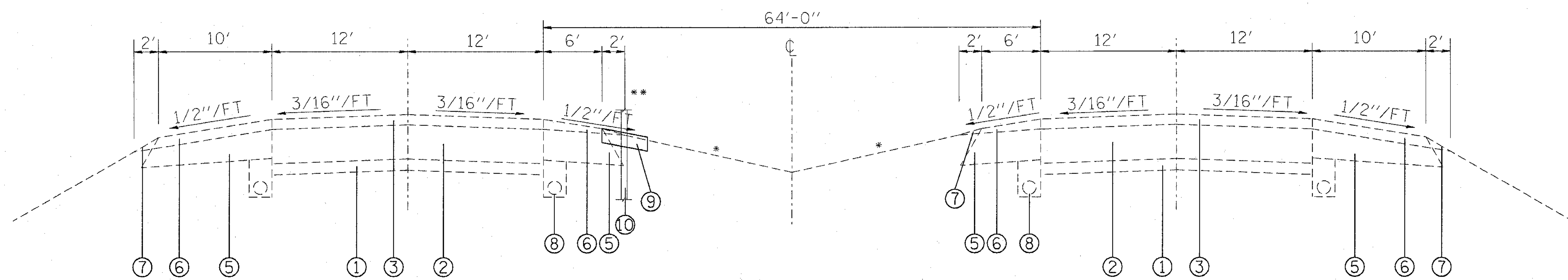
PLOT DATE = 12/12/2007
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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



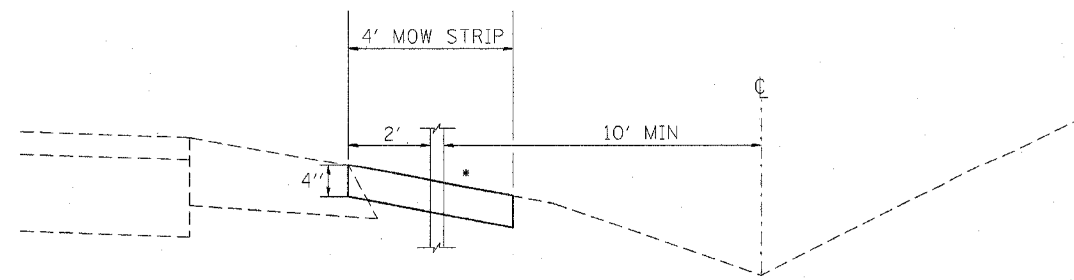
TYPICAL SECTION
STA. 610+00 TO STA. 738+00

* 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. DRAWN BY
DATE CHECKED BY

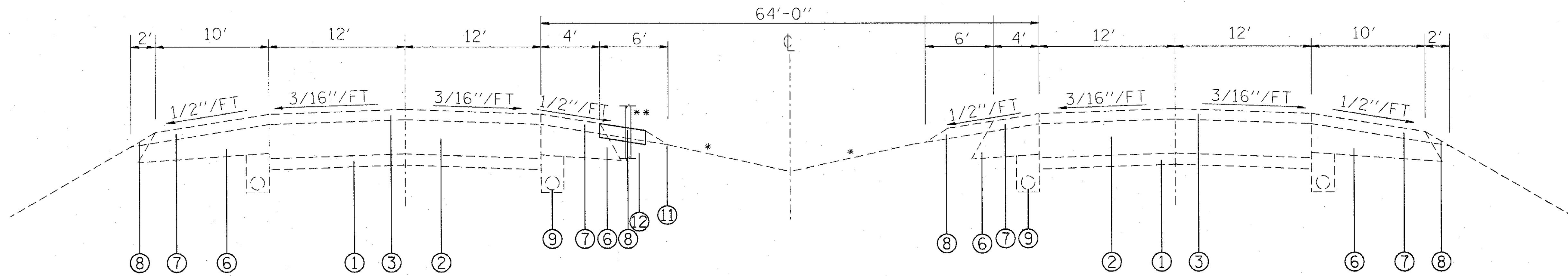
PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed092007b\plan\pln092007b.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. 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



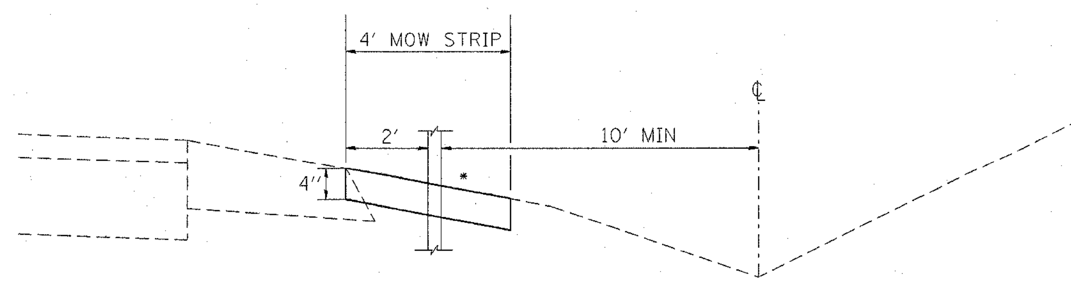
TYPICAL SECTION
STA. 738+00 TO STA. 837+44.56

* 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
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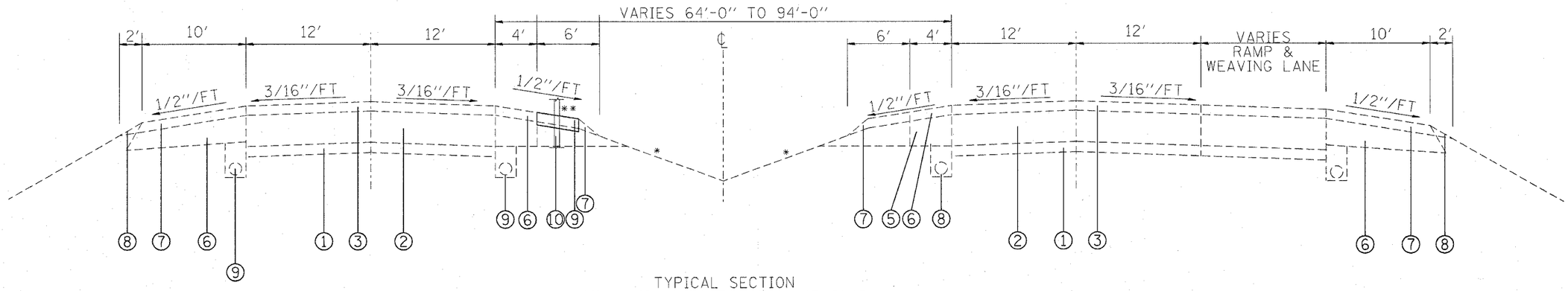
CHECKED BY

CONTRACT NO. 76B17

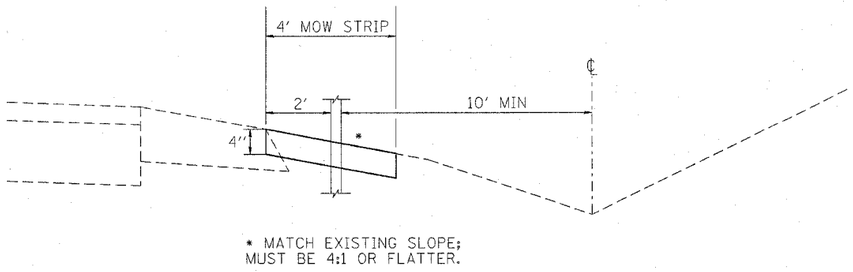
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	11
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



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

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.

* 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 #3
FAI RTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT. HORIZ.
DRAWN BY
DATE
CHECKED BY

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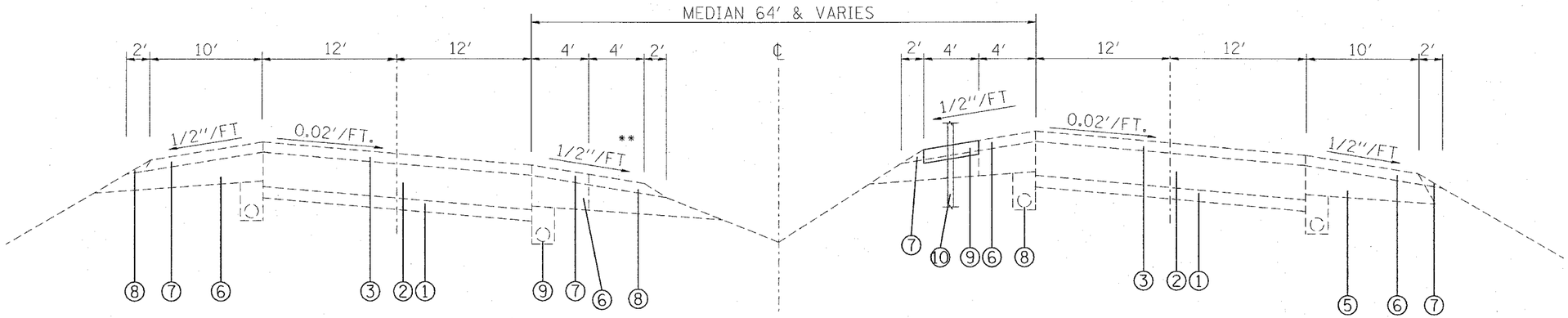
REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	12
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



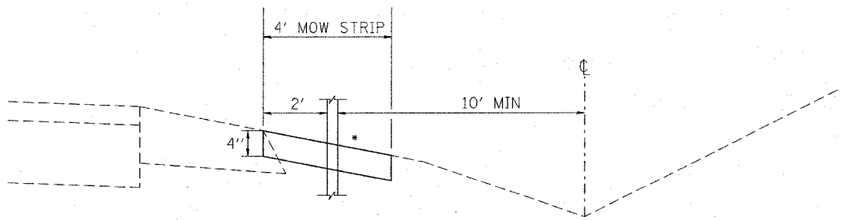
TYPICAL SECTION
STA. 847+51.13 TO STA. 871+96.81

* 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-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

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REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. 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

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

		HTC BARRIER	HTC BARRIER TERMINAL
RT/LT	STATION TO STATION	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

		SEEDING, CLASS 2A	MULCH, METHOD 1
RT/LT	STATION TO STATION	ACRE	ACRE
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

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.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULES

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

SCALE: VERT. HORIZ.
DATE
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PLOT DATE = 12/13/2007
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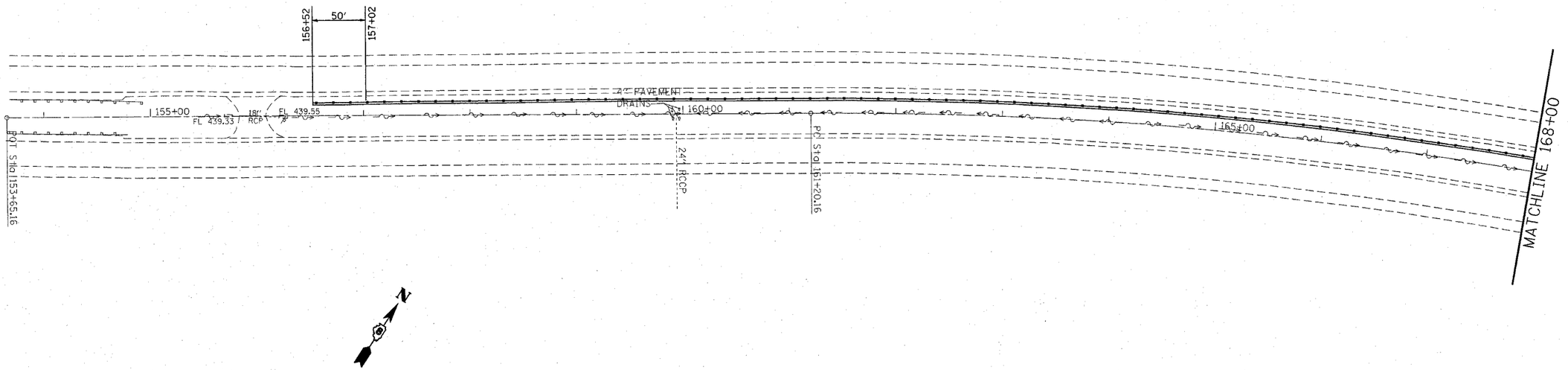
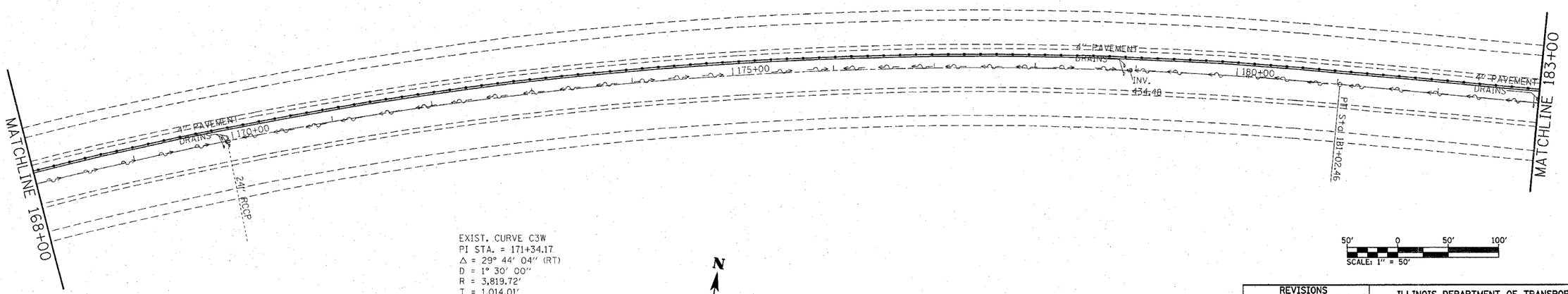
REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	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
Δ = 29° 44' 04" (RT)
D = 1° 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

50' 0 50' 100'
SCALE: 1" = 50'

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #1
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\ed89207\plan\pin892076.dgn
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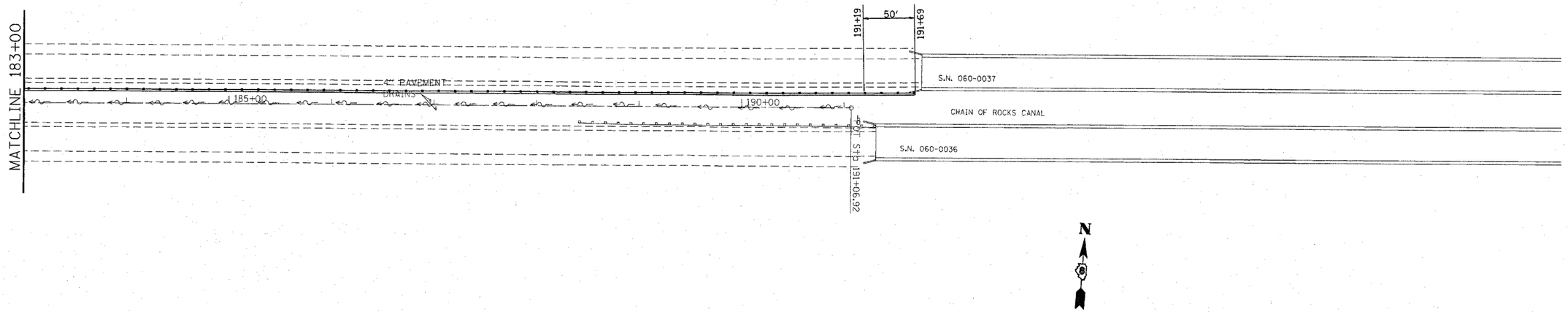
REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	15
STA. 183+00		TO STA. 191+69		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



50' 0 50' 100'
SCALE: 1" = 50'

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW

AREA #1

FAI RTE 270

SECTION 60-(1,2,3,4,5)I

MADISON COUNTY

SCALE: VERT.
HORIZ.

DRAWN BY

DATE

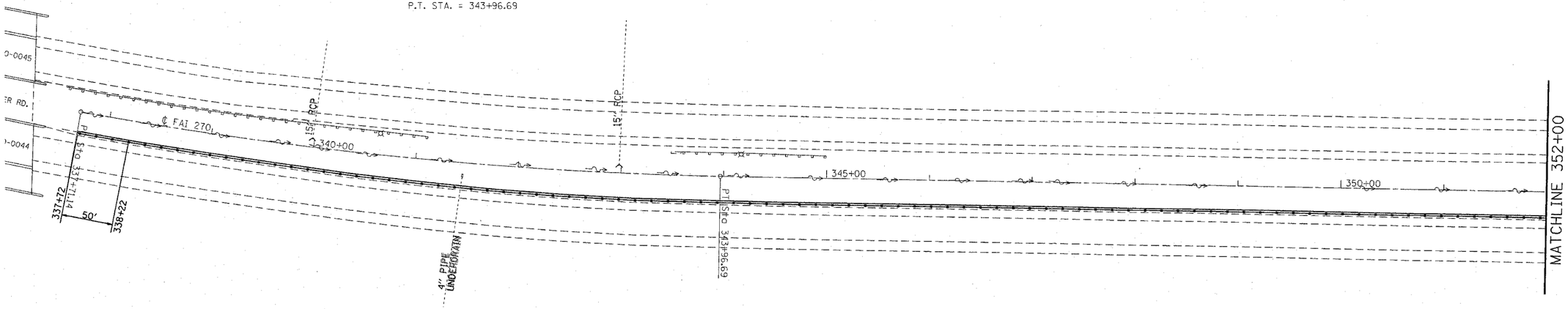
CHECKED BY

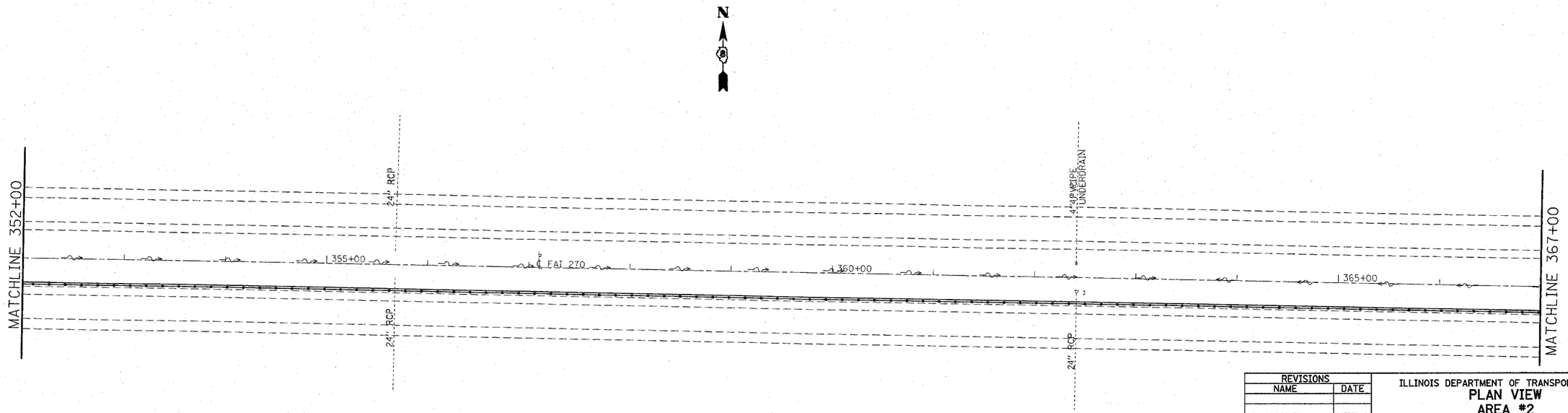
PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed89287\plan\pln89287a.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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

EXIST. CURVE C3
PI STA. = 340+84.62
Δ = 9° 23' 00" (LT)
D = 1° 30' 00"
R = 3,819.72'
T = 313.48'
L = 625.56'
E = 12.84'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 337+71.14
P.T. STA. = 343+96.69





REVISIONS NAME	DATE

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

SCALE: VERT.
HORIZ.
DATE
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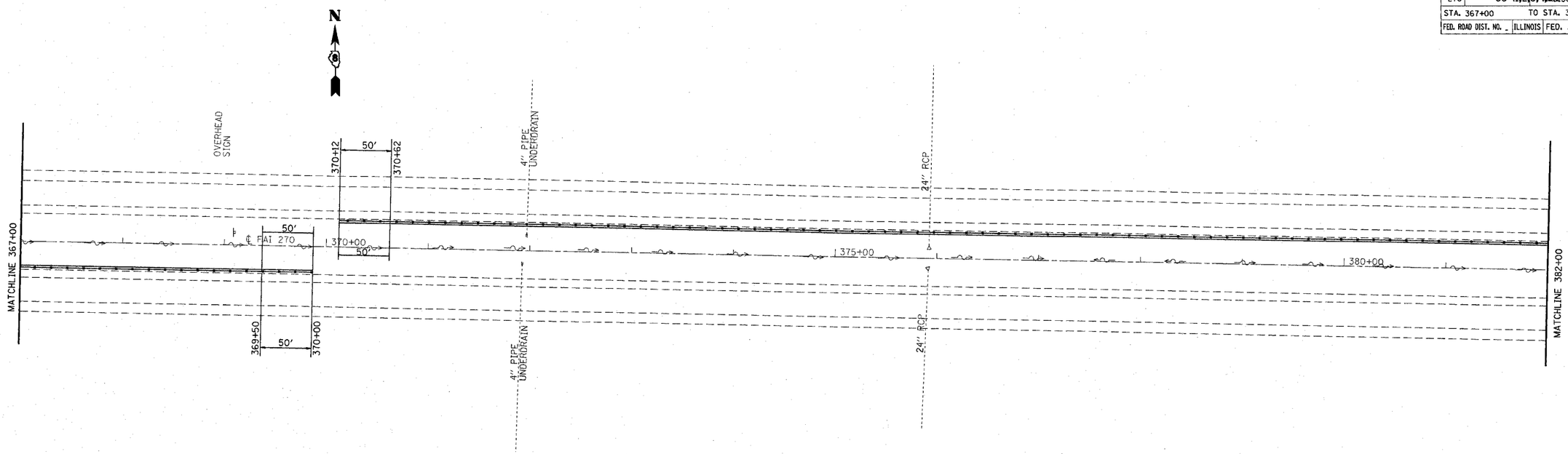
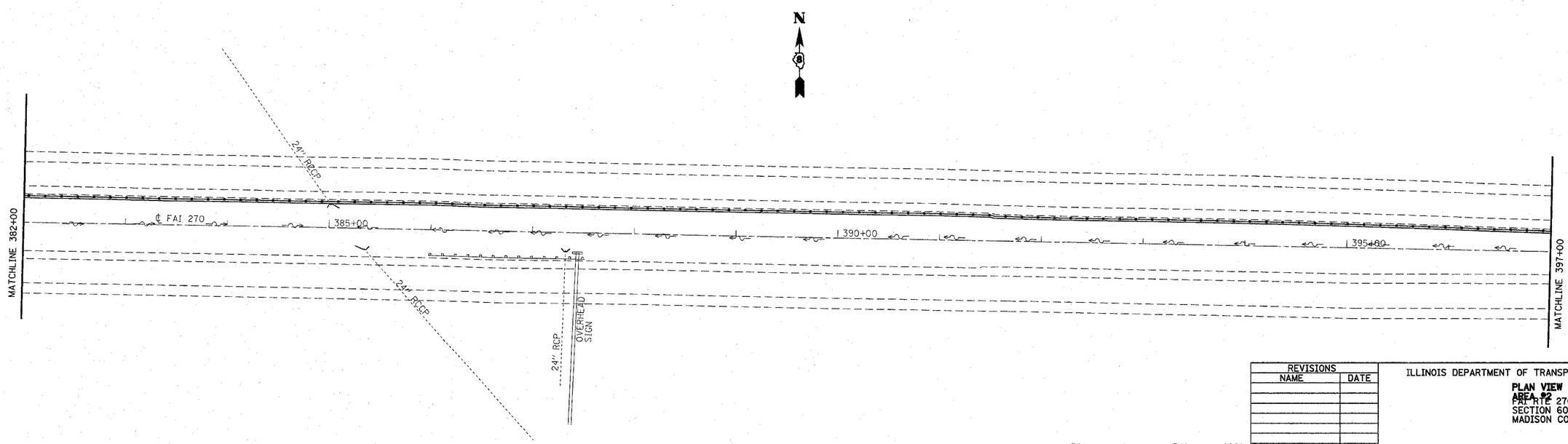
REFERENCE = REF

CONTRACT NO. 76B17

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





50' 0 50' 100'
SCALE: 1" = 50'

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PLAN VIEW
AREA 82
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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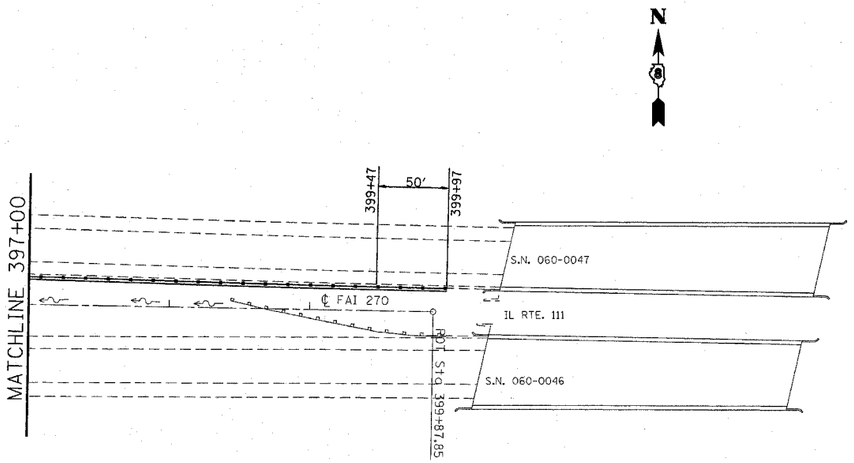
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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		



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SCALE: 1" = 50'

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.
DRAWN BY
DATE
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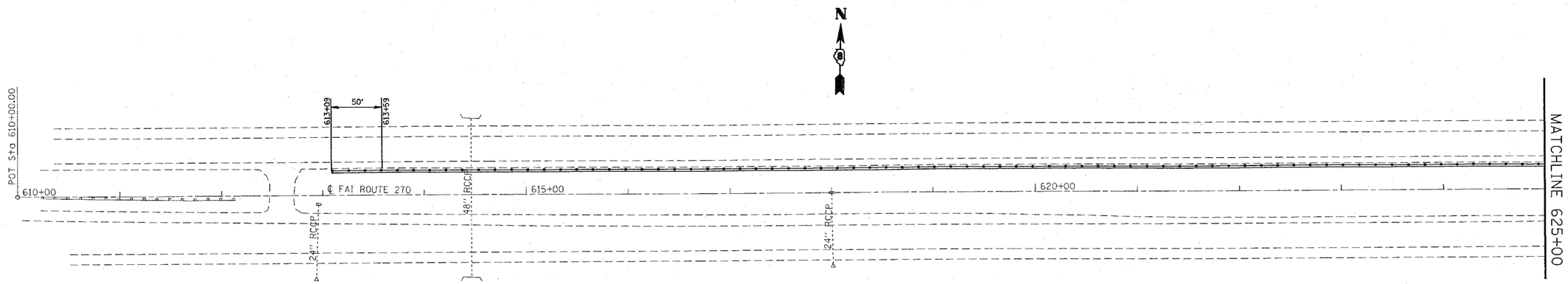
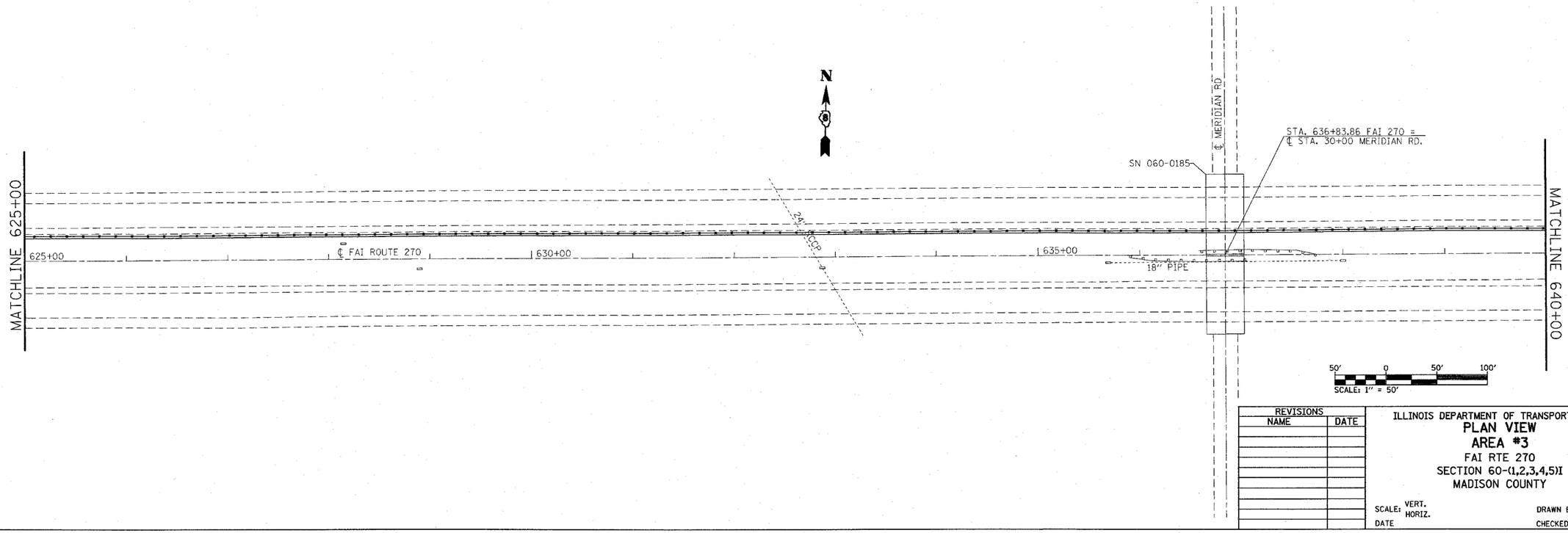
PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed89287a\plan\pln89287aa.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. 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

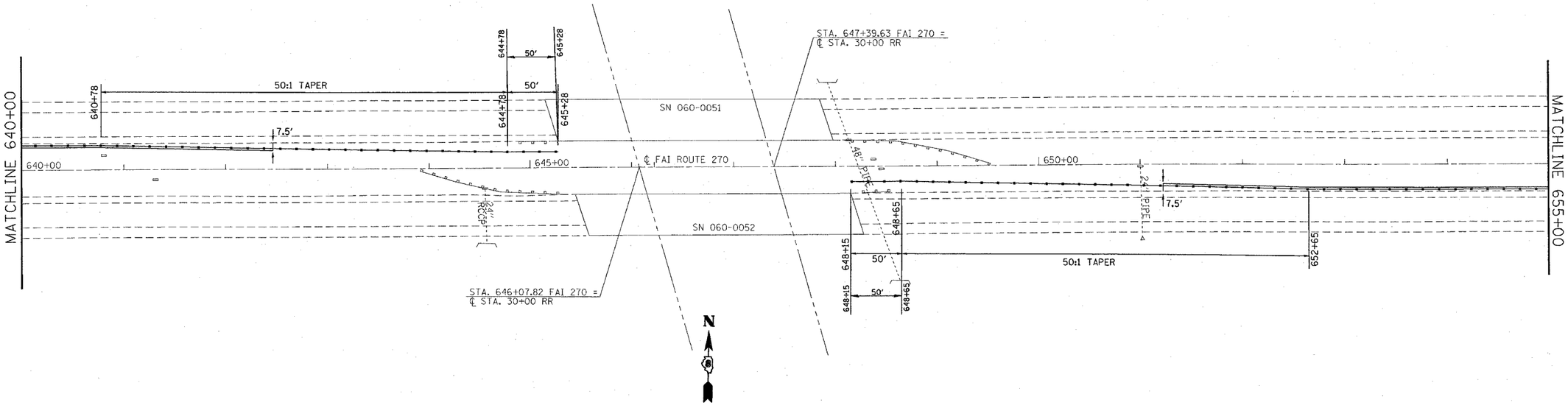
SCALE: VERT.
HORIZ.
DATE

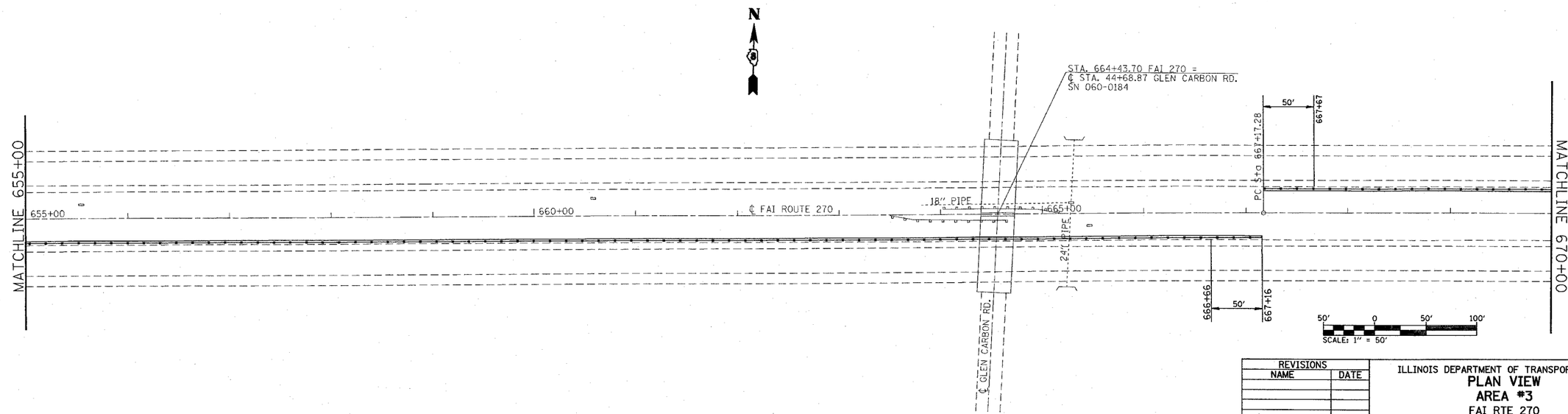
DRAWN BY
CHECKED BY

PLOT DATE = 12/12/2007
FILE NAME = c:\projects\hd#9287b\plan\pln#9287b.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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

DRAWN BY
CHECKED BY

PLOT DATE = 12/12/2007
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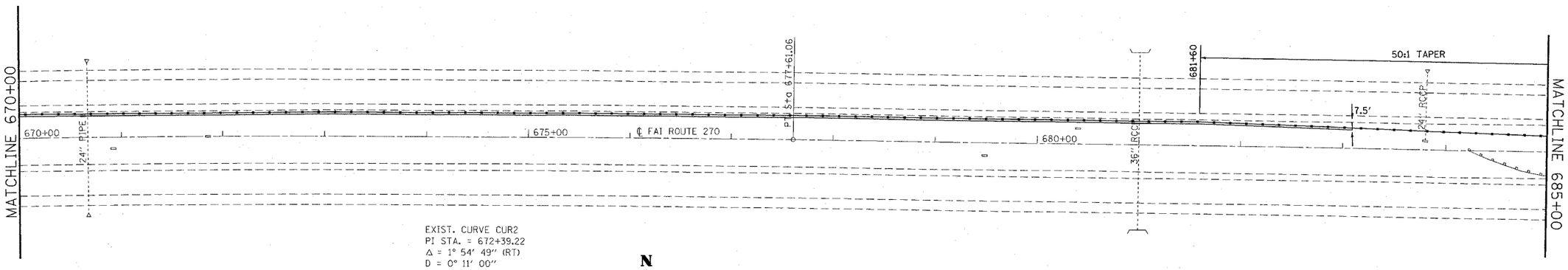
REFERENCE = #REF#

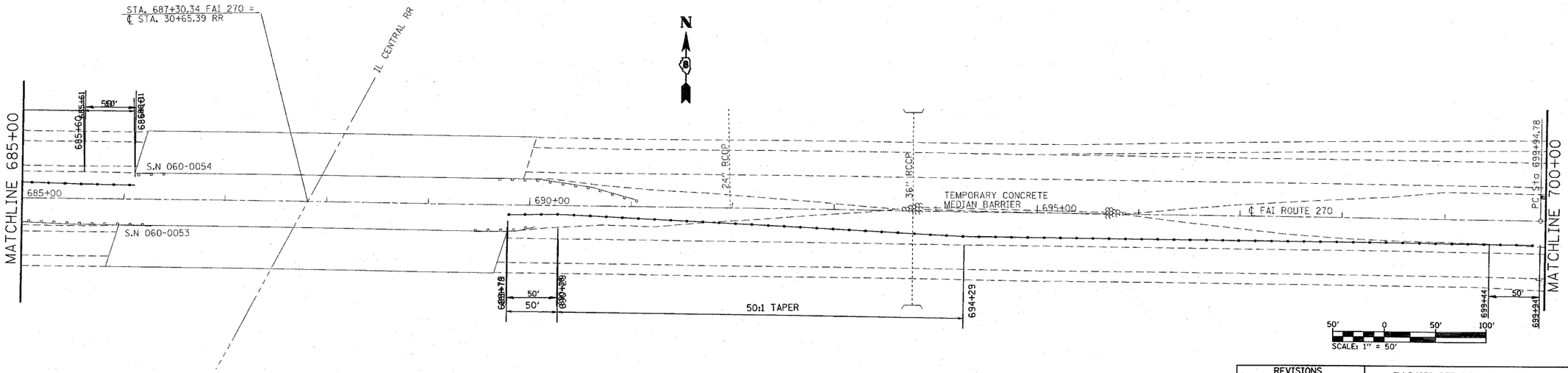
CONTRACT NO. 76B17

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
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

N



N

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\ed892870\plan\plan892870.dgn
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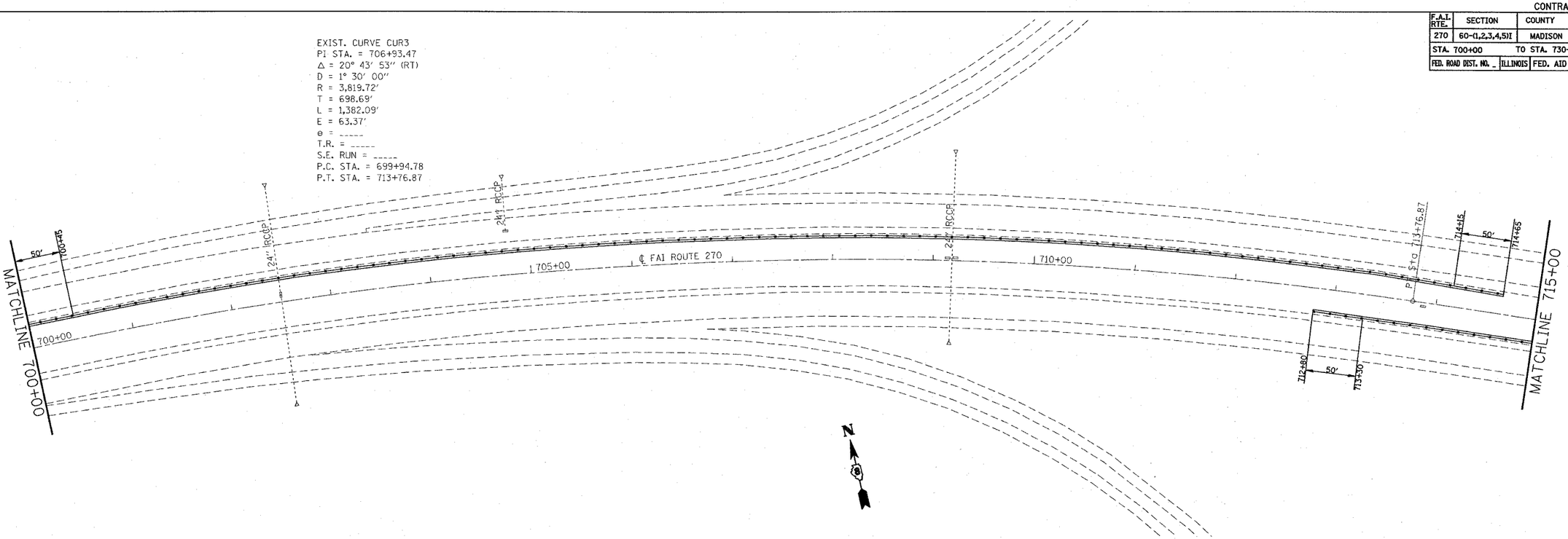
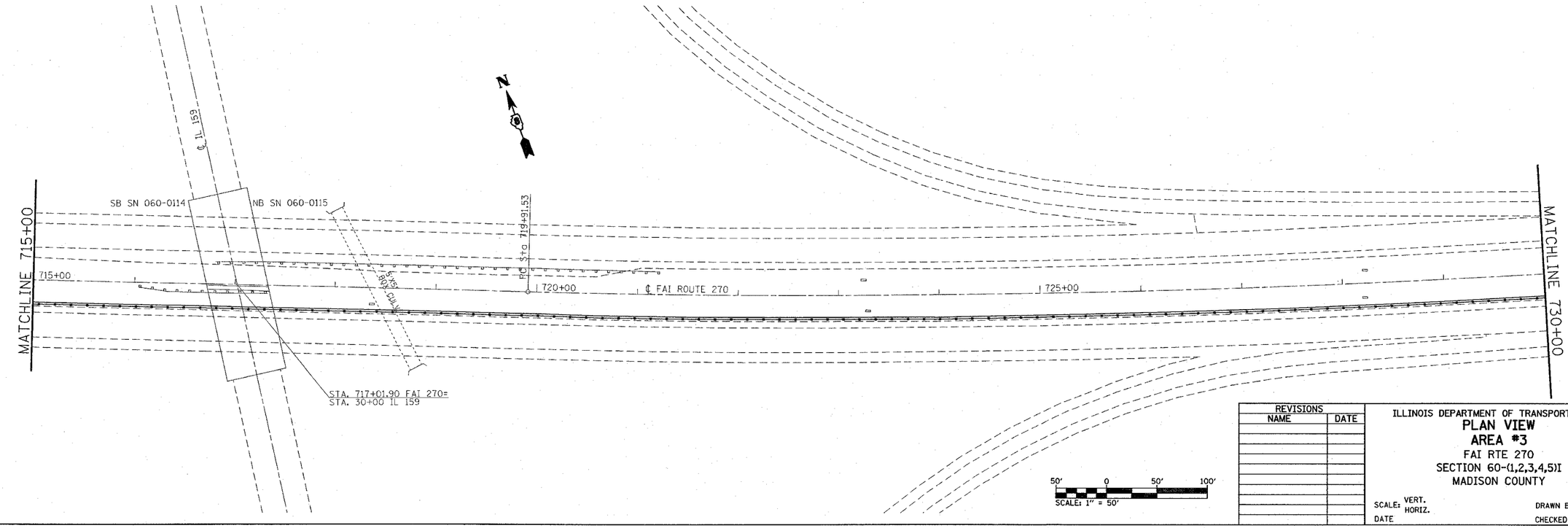
REFERENCE = REF

CONTRACT NO. 76B17

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
Δ = 20° 43′ 53″ (RT)
D = 1° 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





REVISIONS NAME	DATE

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

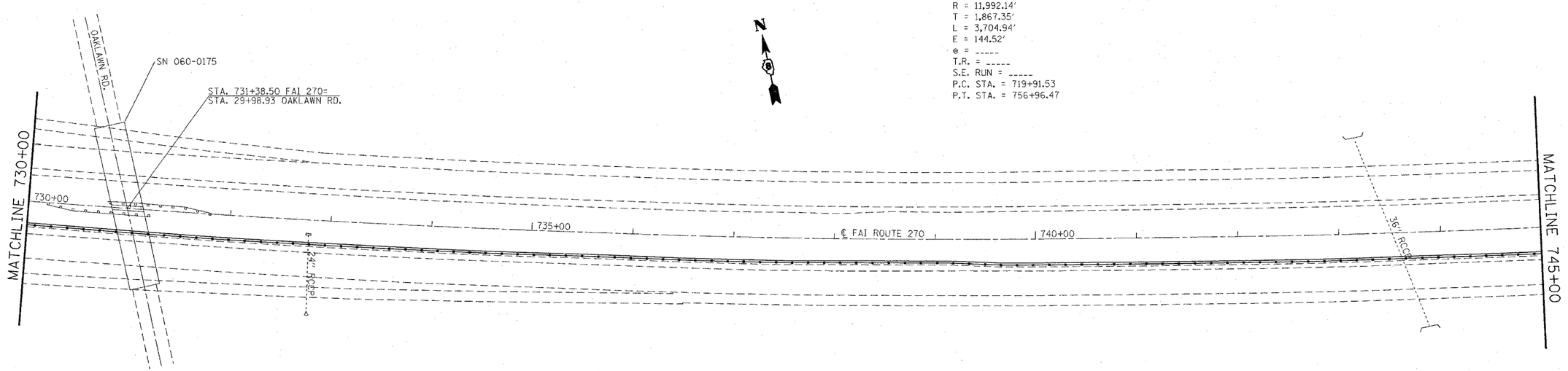
SCALE: VERT.
HORIZ.
DATE
DRAWN BY
CHECKED BY

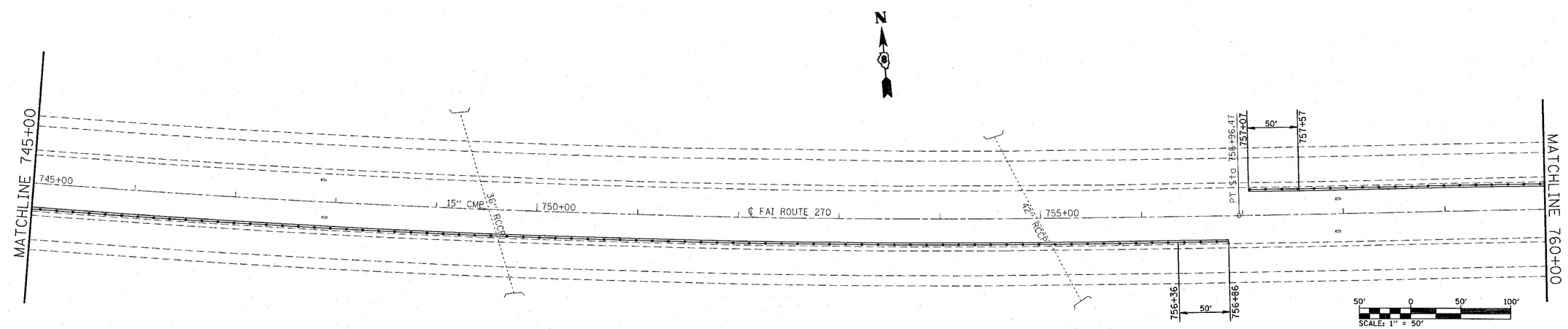
PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed09287b\plan\plt49287b.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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
Δ = 17° 42' 05" (LT)
D = 0° 28' 40"
R = 11,992.14'
T = 1,867.35'
L = 3,704.94'
E = 144.52'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 719+91.53
P.T. 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

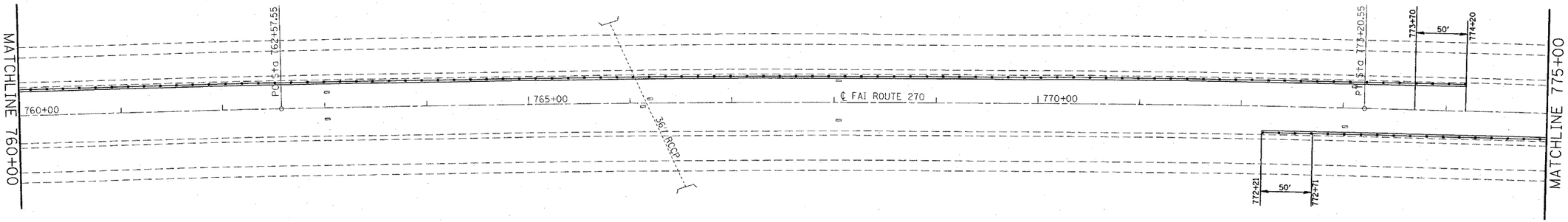
DRAWN BY
CHECKED BY

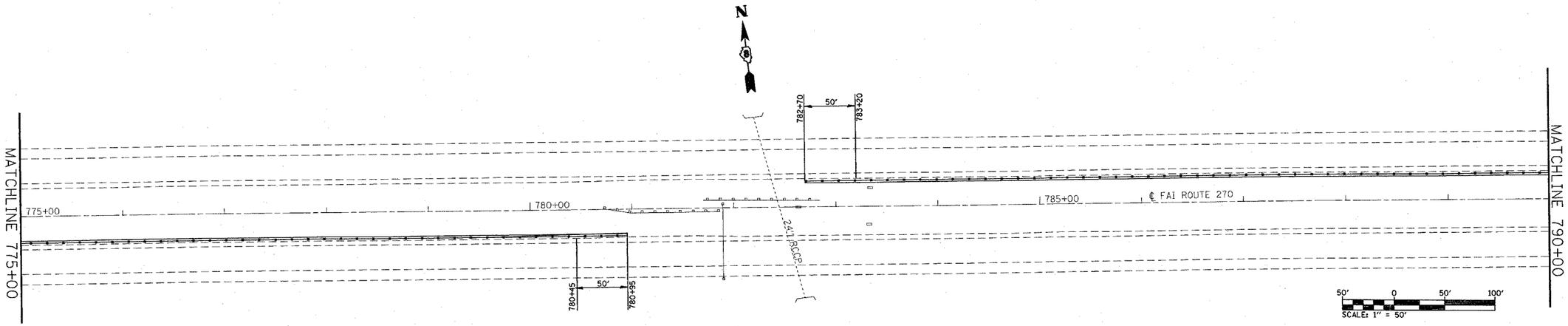
PLOT DATE = 12/12/2007
FILE NAME = e:\projects\ed89287b\plan\pln89287b.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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. _	ILLINOIS	FED. AID PROJECT		

EXIST. CURVE CUR5
PI STA. = 767+89.15
Δ = 2° 39' 27" (RT)
D = 0° 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





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\ed89287b\plan\plan89287b.dgn
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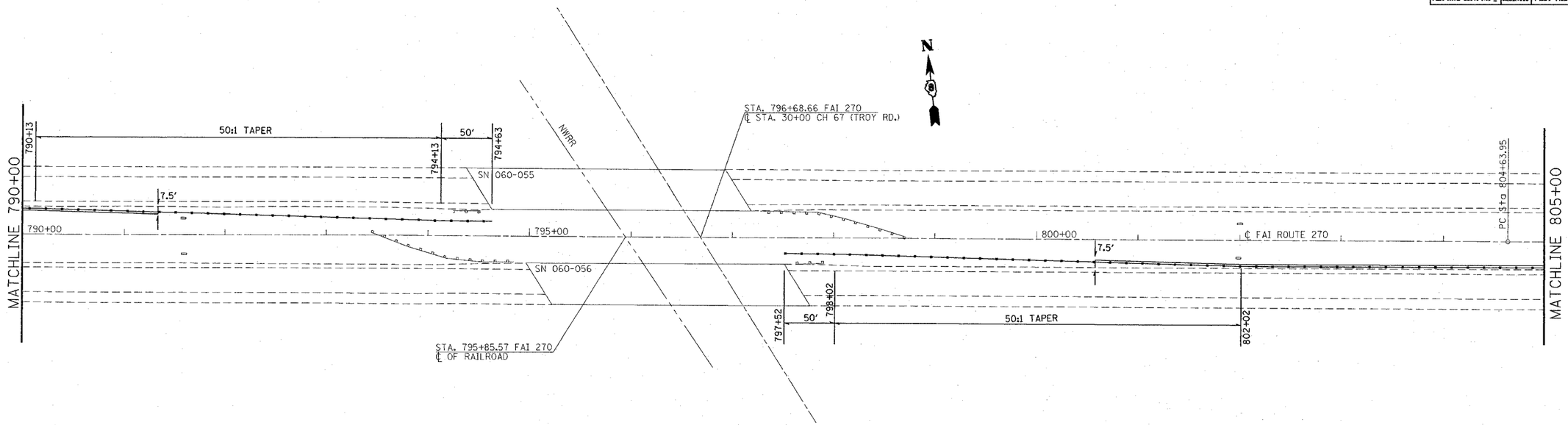
REFERENCE = #ED89

CONTRACT NO. 76B17

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		



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\d0902870\plan\pln\d0902870.dgn
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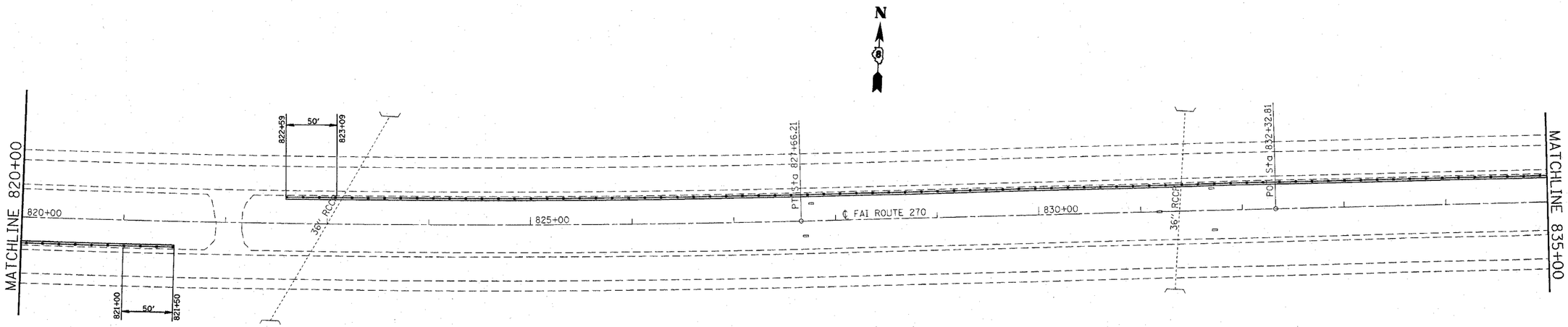
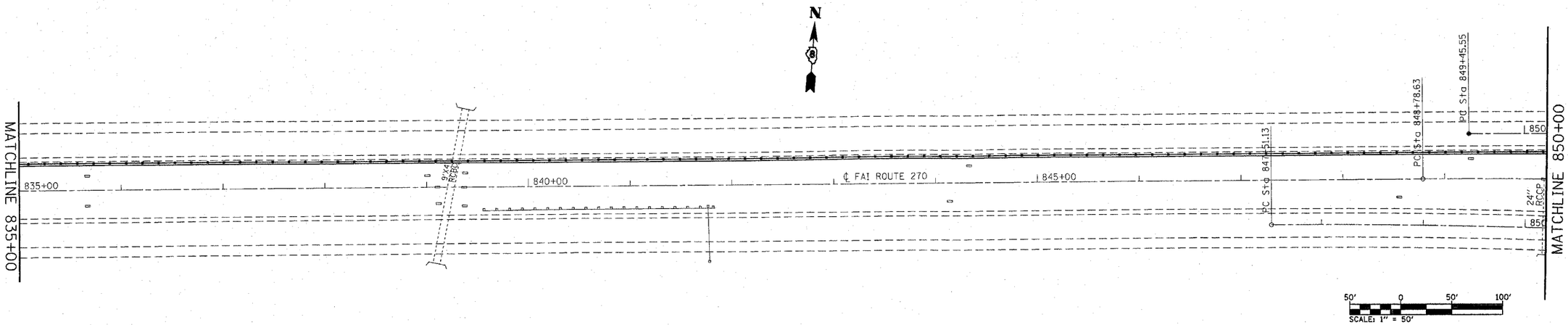
REFERENCE = REF

CONTRACT NO. 76B17

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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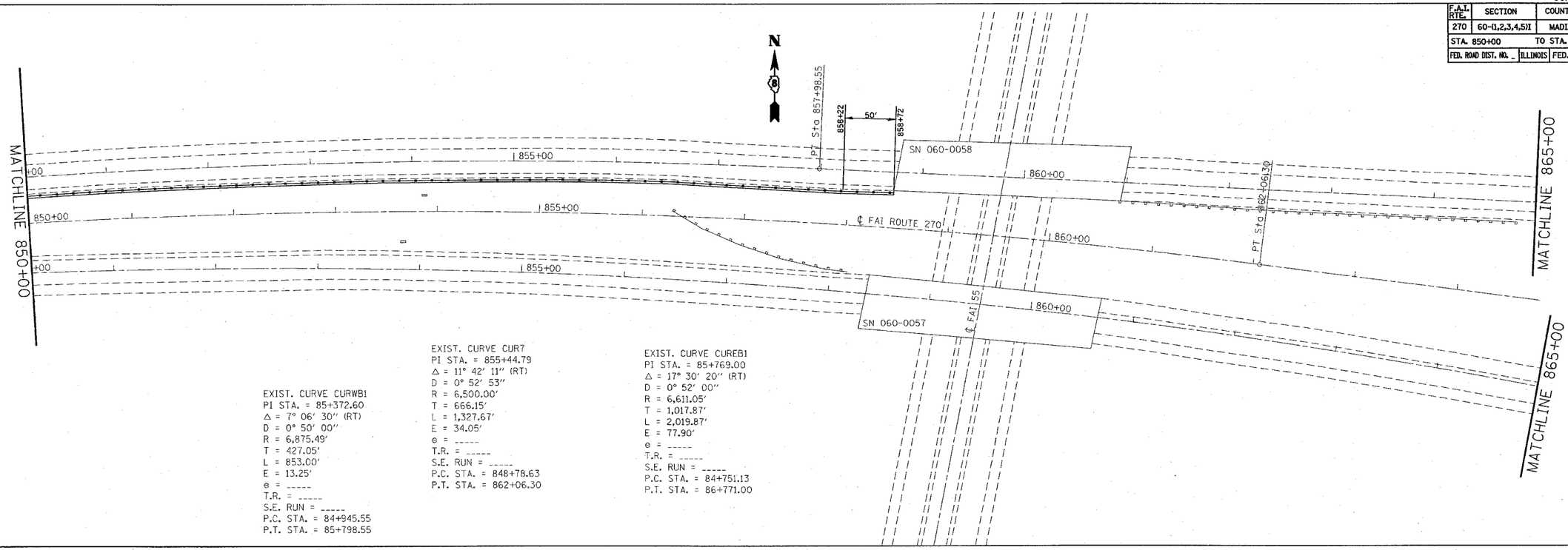
REFERENCE = REF

CONTRACT NO. 76B17

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. _	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE CURWB1
PI STA. = 85+372.60
Δ = 7° 06′ 30″ (RT)
D = 0° 50′ 00″
R = 6,875.49′
T = 427.05′
L = 853.00′
E = 13.25′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 84+945.55
P.T. STA. = 85+798.55

EXIST. CURVE CUR7
PI STA. = 855+44.79
Δ = 11° 42′ 11″ (RT)
D = 0° 52′ 53″
R = 6,500.00′
T = 666.15′
L = 1,327.67′
E = 34.05′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 848+78.63
P.T. STA. = 862+06.30

EXIST. CURVE CUREB1
PI STA. = 85+769.00
Δ = 17° 30′ 20″ (RT)
D = 0° 52′ 00″
R = 6,611.05′
T = 1,017.87′
L = 2,019.87′
E = 77.90′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 84+751.13
P.T. STA. = 86+771.00

EXIST. CURVE CURWB2
PI STA. = 87+515.52
Δ = 14° 04′ 30″ (LT)
D = 0° 45′ 00″
R = 7,639.44′
T = 943.08′
L = 1,876.67′
E = 57.99′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 86+572.44
P.T. STA. = 88+449.10

EXIST. CURVE CUREB2
PI STA. = 87+561.17
Δ = 31° 21′ 50″ (LT)
D = 3° 00′ 00″
R = 1,909.86′
T = 536.19′
L = 1,045.46′
E = 73.84′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 87+024.98
P.T. STA. = 88+070.44

50′ 0 50′ 100′
SCALE: 1″ = 50′

REVISIONS NAME	DATE

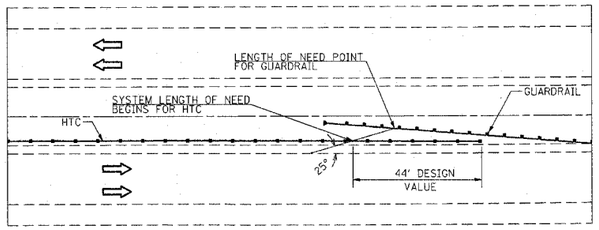
ILLINOIS DEPARTMENT OF TRANSPORTATION
PLAN VIEW
AREA #3
FAI RTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT.
HORIZ.
DATE
DRAWN BY
CHECKED BY

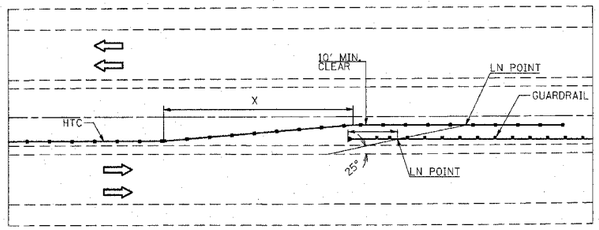
PLOT DATE = 12/12/2007
PLOT NAME = c:\projects\ed092870\plan\pln092870.dgn
PLOT SCALE = 50.0000 '/ IN.
REFERENCE = REF

CONTRACT NO. 76B17

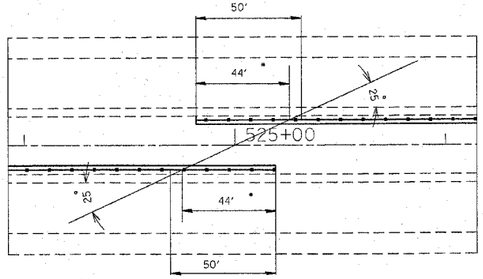
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	28
STA. _____	TO STA. _____			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



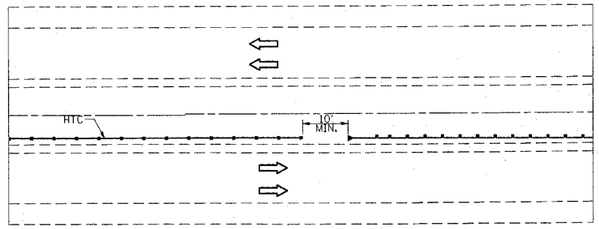
HTC LAYOUT FOR TERMINATION IN FRONT OF FLARED GUARDRAIL



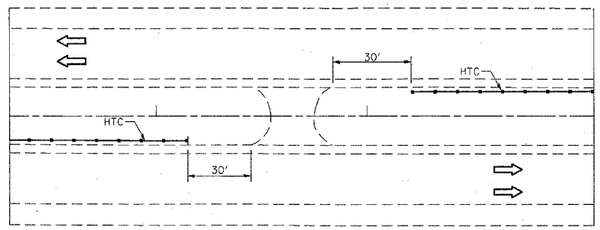
HTC LAYOUT FOR TERMINATION BEHIND TANGENT GUARDRAIL



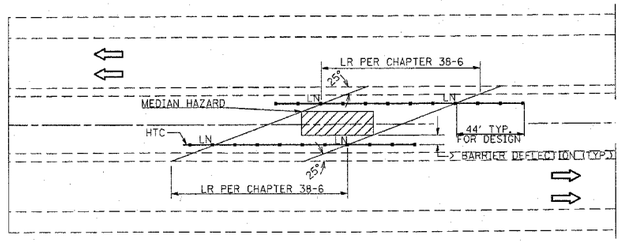
HTC LAYOUT FOR PLACEMENT ON OPPOSITE SIDES



HTC LAYOUT ADJACENT TO GUARDRAIL



HTC LAYOUT AT MEDIAN CROSSOVERS



HTC LAYOUT FOR MEDIAN HAZARD PROTECTION

* FOR PURPOSES OF HTC LAYOUT SHOWN IN PLANS, 44' FOR LON POINT WAS USED. ACTUAL LON POINT WILL VARY DEPENDING ON HTC SYSTEM USED.

PAY LENGTH FOR HTC MEDIAN BARRIER TERMINAL IS 50' REGARDLESS OF LON POINT.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

HTC DETAILS

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

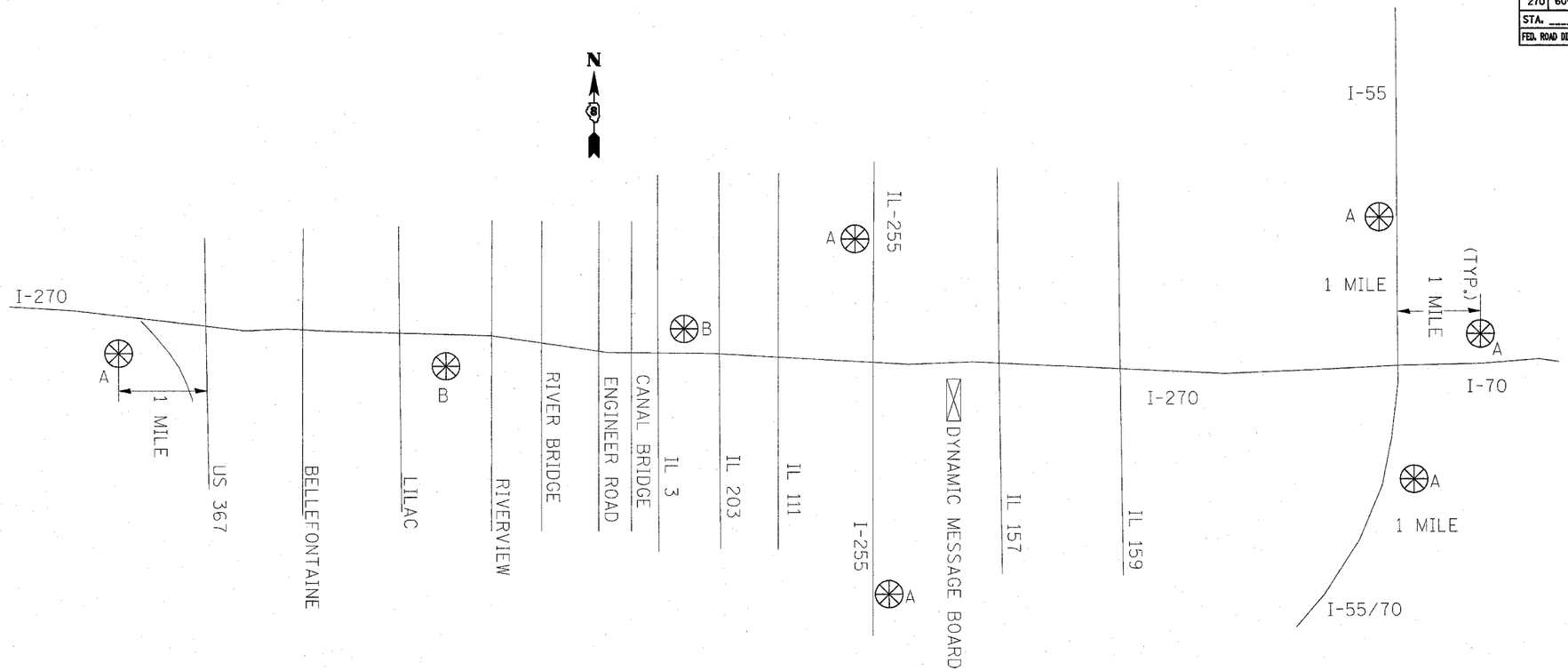
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 12/12/2007
FILE NAME = c:\projects\sd89287b\plan\plt\d89287bsdgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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

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

B

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

"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 NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

MESSAGE SIGN DETAIL
FAI ROUTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT. HORIZ. DRAWN BY
DATE CHECKED BY

PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ved\d79287b\plan\plt\d79287b.dgn
PLOT SCALE = 50.0000 '/ IN.
REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	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 | Mary C Lamie — SIGNATURE

DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER — TITLE | 12-12-07 — DATE

IL DEPT. OF TRANSPORTATION — AGENCY

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 EROSIVITY:

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:

ORTHENTS, 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 DRIANED 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:

ORTHENTS, 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.

ORTHENTS, SILTY, HILLY (301D) - A SOMEWHAT POORLY DARINED 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.

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, EROSED (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 EROSED (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..

ORTHENTS, 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.

G. THE FOLLOWING IS A DESCRIPTION OF POTENTIALLY EROSIVE 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 EROSIVE 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	☒ PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS)
☐ CONCRETE	☒ ANTIFREEZE / COOLANTS
☐ CONCRETE TRUCK WASTE	☒ WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT
☐ CONCRETE CURING COMPOUNDS	☐ OTHER (SPECIFY)________________
☒ SOLID WASTE DEBRIS	☐ OTHER (SPECIFY)________________
☐ PAINTS	☐ OTHER (SPECIFY)________________
☐ SOLVENTS	☐ OTHER (SPECIFY)________________
☒ FERTILIZERS / PESTICIDES	☐ 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	☒ EROSION CONTROL BLANKET / MULCHING
☐ VEGETATED BUFFER STRIPS	☐ SODDING
☐ PROTECTION OF TREES	☐ GEOTEXTILES
☐ TEMPORARY EROSION CONTROL SEEDING	☐ OTHER (SPECIFY)______________
☐ TEMPORARY TURF (SEEDING, CLASS 7)	☐ OTHER (SPECIFY)______________
☒ TEMPORARY MULCHING	☐ OTHER (SPECIFY)______________
☒ PERMANENT SEEDING	☐ OTHER (SPECIFY)______________

REVISIONS	
NAME	DATE

BDE 2342 (REV. 06/07)

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

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

PLOT DATE: 12/12/2007

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / CADD FILE NAME — NOTE BOOK NO. — BY — DATE

$$DATE$$
12/12/2007
c:\projects\d60920Tb\plans\pl0920Tb.dgn
*REF-
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DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. PERMANENT SEEDING - SEEDING, CLASS 2A WILL BE INSTALLED PER IDOT SPECIFICATIONS.

2. MULCH - MULCH WILL BE INSTALLED IN AREAS THAT HAVE BEEN BROUGHT TO FINAL GRADE AND SEEDED TO PROTECT SLOPES FROM EROSION AND ALLOW SEEDS TO GERMINATE. MULCH, METHOD 1 WILL BE APPLIED TO PROTECT THE DISTURBED AREAS AND PREVENT FURTHER EROSION.

MULCH AS APPLIED TO TEMPORARY EROSION CONTROL SHALL BE BY THE METHOD SPECIFIED IN THE CONTRACT AND AT THE DIRECTION OF THE ENGINEER. MULCH WILL BE PAID SEPARATELY AND SHALL CONFORM TO SECTION 251 OF THE STANDARD SPECIFICATIONS.

PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING THE FINISHED GRADING. MULCH WILL BE INSTALLED TO MINIMIZE EROSION AND ALLOW SEED TO GERMINATE PROPERLY. MULCH, METHOD 1 WILL BE USED.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

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

☐ PERIMETER EROSION BARRIER	☐ ROCK OUTLET PROTECTION
☐ TEMPORARY DITCH CHECK	☐ RIPRAP
☒ STORM DRAIN INLET PROTECTION	☐ GABIONS
☐ SEDIMENT TRAP	☐ SLOPE MATTRESS
☐ TEMPORARY PIPE SLOPE DRAIN	☐ RETAINING WALLS
☐ TEMPORARY SEDIMENT BASIN	☐ SLOPE WALLS
☐ TEMPORARY STREAM CROSSING	☐ CONCRETE REVETMENT MATS
☐ STABILIZED CONSTRUCTION EXITS	☐ LEVEL SPREADERS
☐ TURF REINFORCEMENT MATS	☐ OTHER (SPECIFY)________________
☐ PERMANENT CHECK DAMS	☐ OTHER (SPECIFY)________________
☐ PERMANENT SEDIMENT BASIN	☐ OTHER (SPECIFY)________________
☐ AGGREGATE DITCH	☐ OTHER (SPECIFY)________________
☐ PAVED DITCH	☐ OTHER (SPECIFY)________________

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

1. STORM DRAIN INLET PROTECTION - INLET AND PIPE PROTECTION WILL BE PROVIDED FOR STORM SEWERS AND CULVERTS. SEDIMENT FILTERS WILL BE PLACED IN ALL INLETS, CATCH BASINS AND MANHOLES DURING CONSTRUCTION AND WILL BE CLEANED ON A REGULAR BASIS.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, INLET AND PIPE PROTECTION SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL PRODUCTS FURNISHED SHALL BE SPECIFICALLY RECOMMENDED BY THE MANUFACTURER FOR THE USE SPECIFIED IN THE EROSION CONTROL PLAN. PRIOR TO THE APPROVAL AND USE OF THE PRODUCT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A NOTARIZED CERTIFICATION BY THE PRODUCER STATING THE INTENDED USE OF THE PRODUCT AND THAT THE PHYSICAL PROPERTIES REQUIRED FOR THIS APPLICATION ARE MET OR EXCEEDED. THE CONTRACTOR SHALL PROVIDE MANUFACTURER INSTALLATION PROCEDURES TO FACILITATE THE ENGINEER IN CONSTRUCTION INSPECTION.

3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

a. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES). THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.

b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS:

DUE TO THE TYPE OF PROJECT, NO STORM WATER DETENTION IS REQUIRED.

4. OTHER CONTROLS:

a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (S)HE WILL USE TO CONSTRUCT AND MAINTAIN THEM.

b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMPS SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:

- ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
- WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
- A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
- LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
- SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.

c. STOCKPILE MANAGEMENT - BMPS SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPS MAY BE CONSIDERED:

- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING
- TEMPORARY MULCH
- PLASTIC COVERS
- SOIL BINDERS
- STORM DRAIN INLET PROTECTION

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (S)HE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED.

d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

ALL MANAGEMENT PRACTICES, CONTROLS, AND OTHER PROVISIONS PROVIDED IN THIS PLAN ARE IN ACCORDANCE WITH "IDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE ILLINOIS URBAN MANUAL".

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN.

1. MULCH - ANY AREAS THAT FAIL WILL BE REPAIRED IMMEDIATELY.

2. INLET AND PIPE PROTECTION - ANY INLET THAT WILL CARRY WATER AWAY FROM THE PROJECT LIMITS WILL BE PROTECTED.

THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THESE PRACTICES. ALL MAINTENANCE OF EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY IDOT AFTER FINAL INSPECTION. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY.

INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCHES OR GREATER RAINFALL, OR AN EQUIVALENT SNOWFALL. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM.

IV. INSPECTIONS

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 1/2 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.

C. A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL COMPLETE AND FILE AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT. THE INCIDENCE OF NONCOMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

REVISIONS	
NAME	DATE

BDE 2342 (REV. 06/07)

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

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

PLOT DATE: 12/12/2007

PLAN | NOTE BOOK NO. | SURVEYED | PLOTTED | ALIGNMENT CHECKED | R/L OF WAY CHECKED | CADD FILE NAME | BY | DATE

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

- TEMPORARY DITCH CHECK- ROLLED EXCELSIOR, SILT WEDGES
- 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

REVISIONS	
NAME	DATE

BDE 2342 (REV. 06/07)

ILLINOIS DEPARTMENT OF TRANSPORTATION

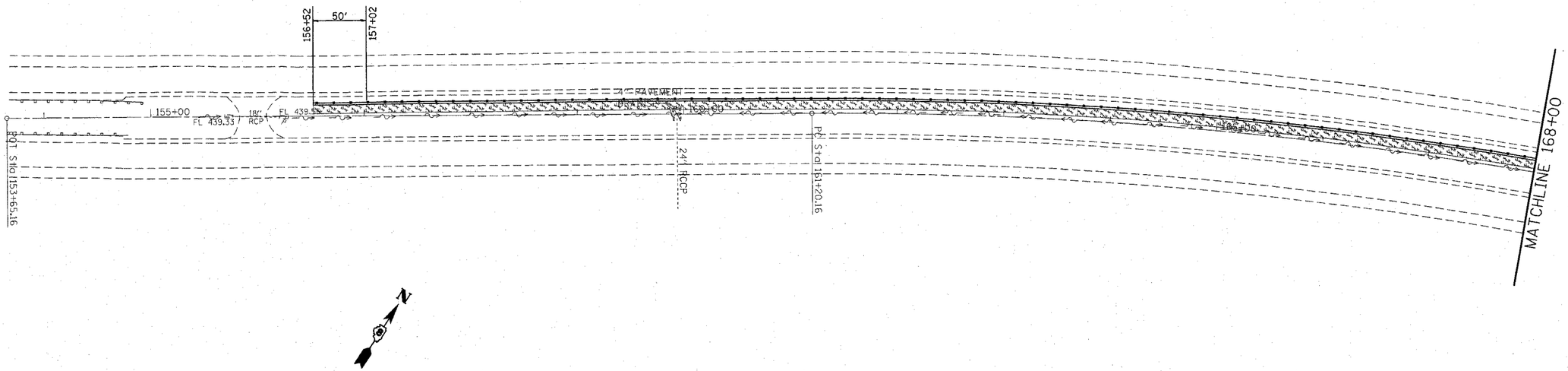
STORM WATER POLLUTION PREVENTION PLAN

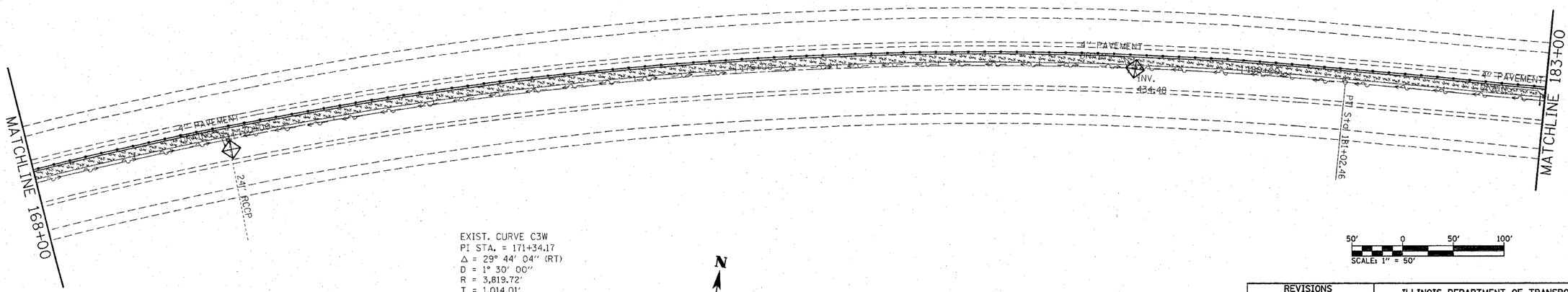
FAI ROUTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

PLOT DATE: 12/12/2007

CONTRACT NO. 76B17

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		





INLET AND PIPE PROTECTION

MULCH

EXIST. CURVE C3W
PI STA. = 171+34.17
Δ = 29° 44' 04" (RT)
D = 1° 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

N

50' 0 50' 100'
SCALE: 1" = 50'

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

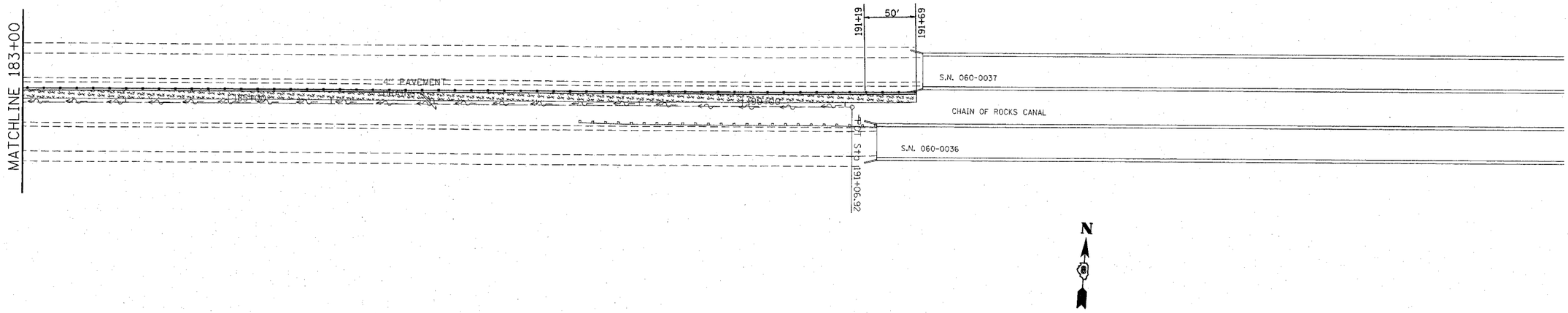
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 12/12/2007
FILE NAME = c:\projects\sd89287\plan\erspln89287.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76817

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	34
STA. 183+00		TO STA. 191+69		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



INLET AND PIPE PROTECTION

MULCH

50' 0 50' 100'
SCALE: 1" = 50'

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

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

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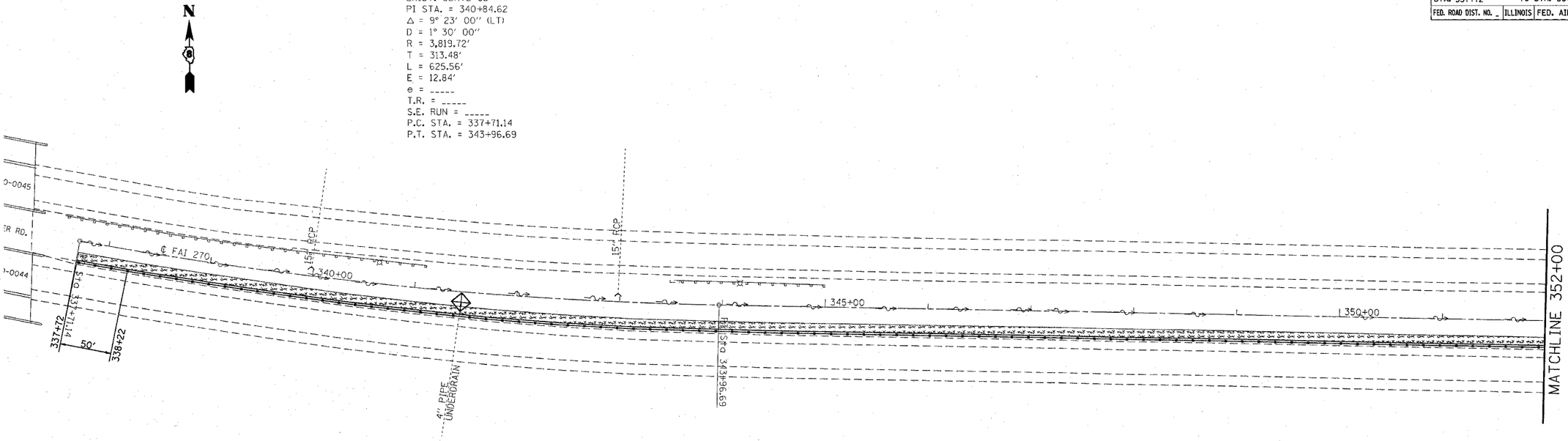
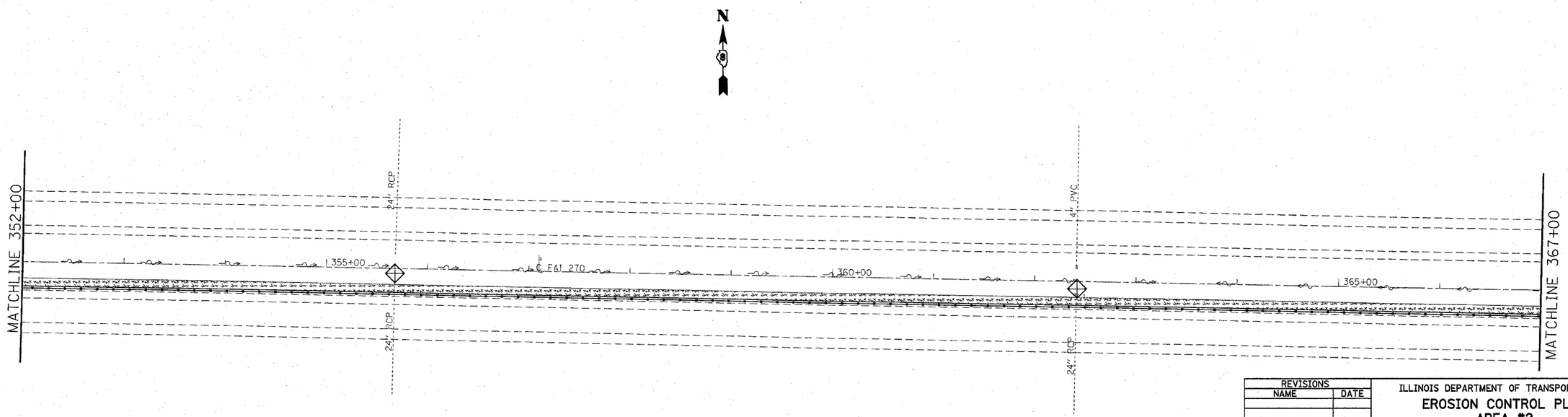
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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
Δ = 9° 23' 00" (LT)
D = 1° 30' 00"
R = 3,819.72'
T = 313.48'
L = 625.56'
E = 12.84'
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 337+71.14
P.T. STA. = 343+96.69





INLET AND PIPE PROTECTION

MULCH

50' 0 50' 100'
SCALE: 1" = 50'

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. HORIZ.
DRAWN BY
DATE
CHECKED BY

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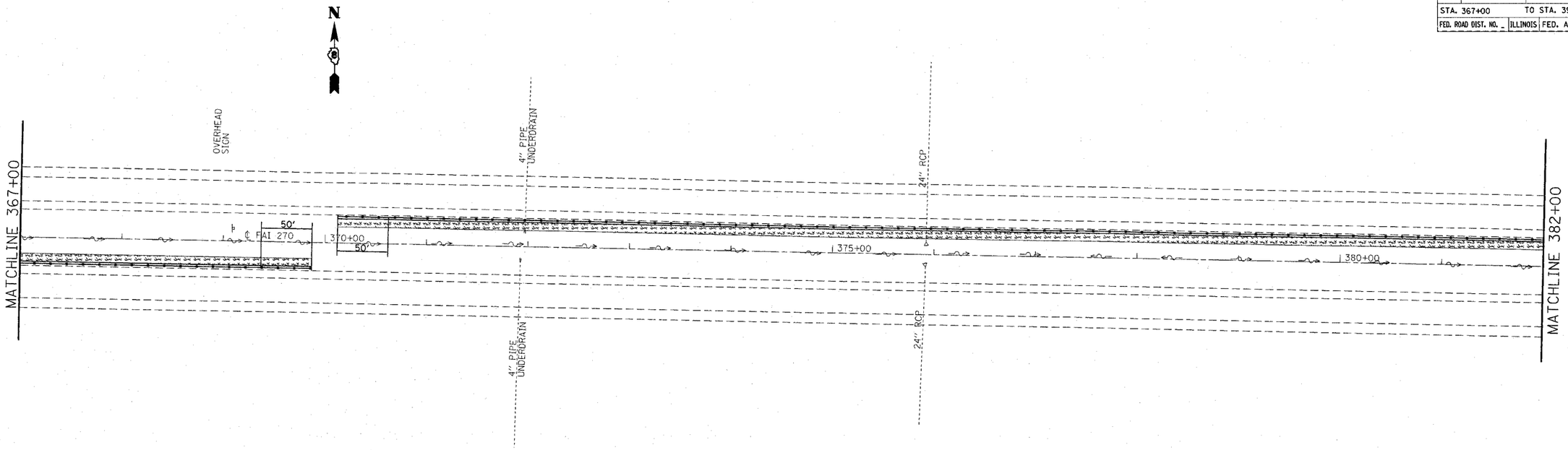
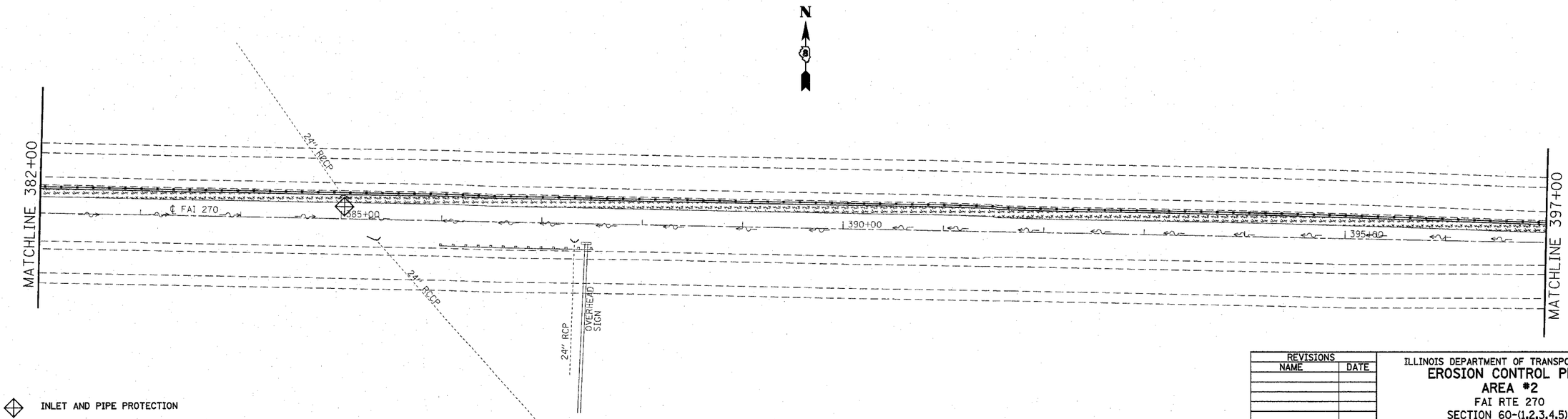
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	36
STA. 367+00		TO STA. 397+00		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		





INLET AND PIPE PROTECTION

MULCH

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SCALE: 1" = 50'

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. HORIZ.
DRAWN BY
DATE
CHECKED BY

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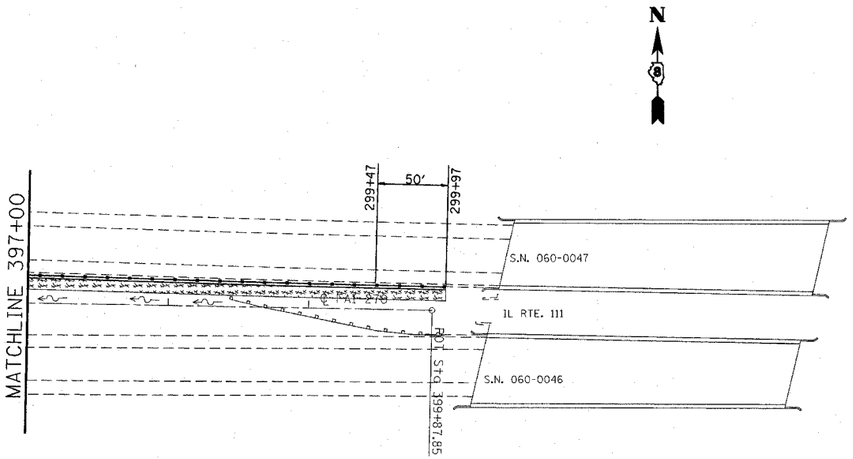
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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

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SCALE: 1" = 50'

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. HORIZ.
DATE
DRAWN BY
CHECKED BY

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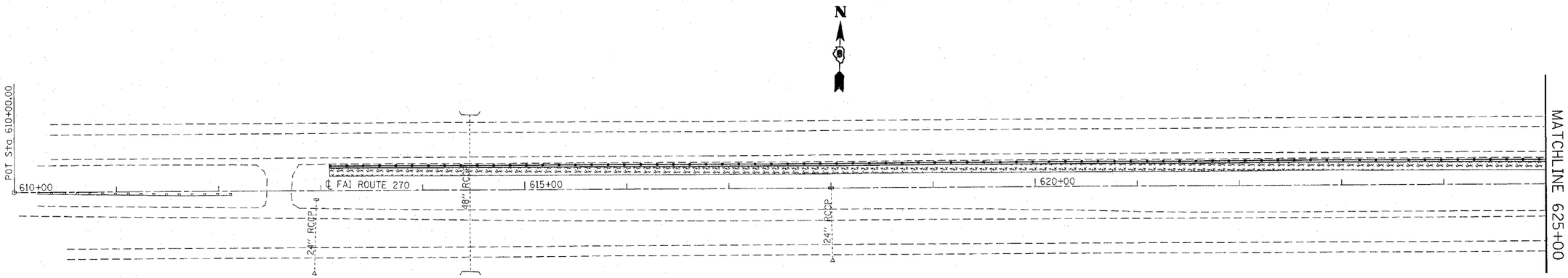
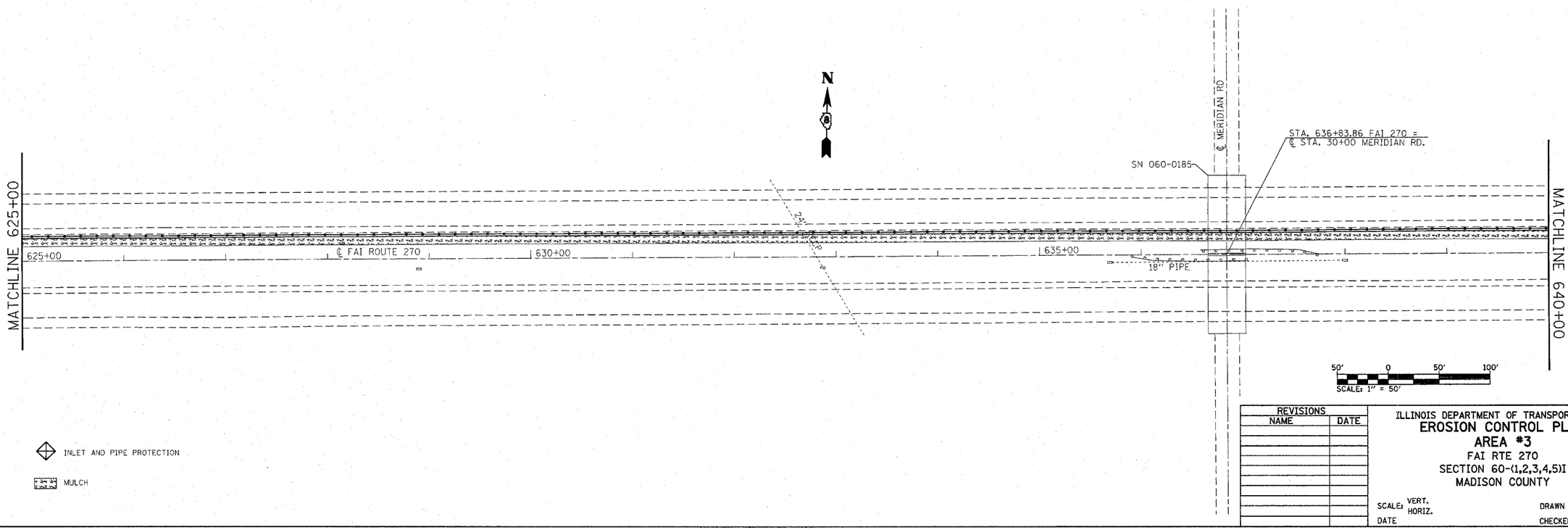
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = $$REF$$

CONTRACT NO. 76B17

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		





REVISIONS NAME	DATE

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.
DRAWN BY
DATE
CHECKED BY

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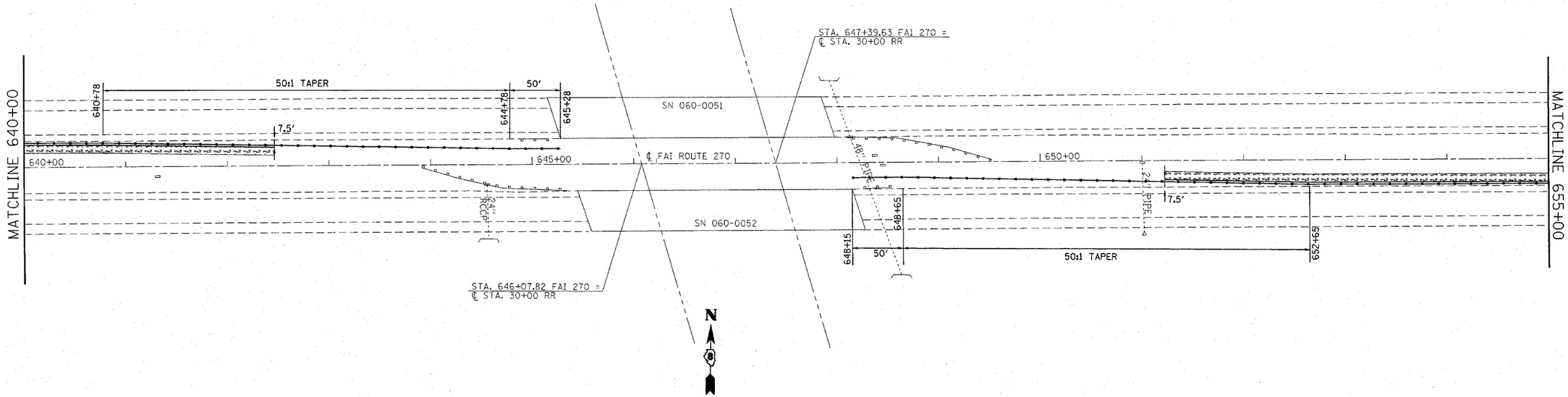
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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		



INLET AND PIPE PROTECTION

MULCH

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN AREA #3

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

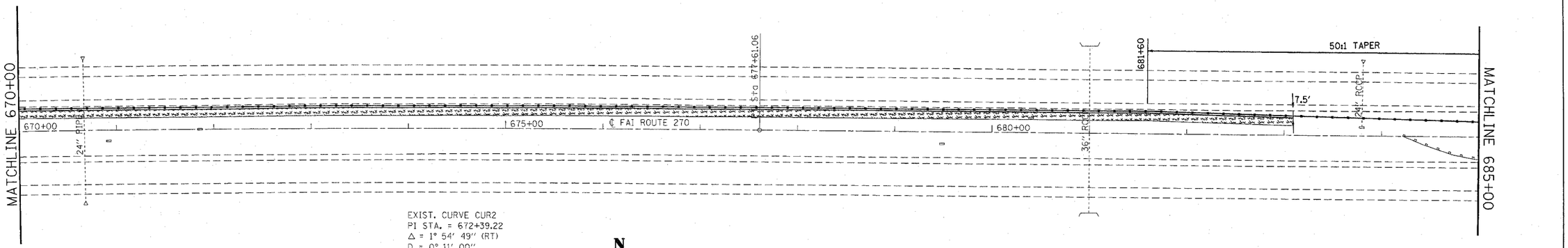
SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

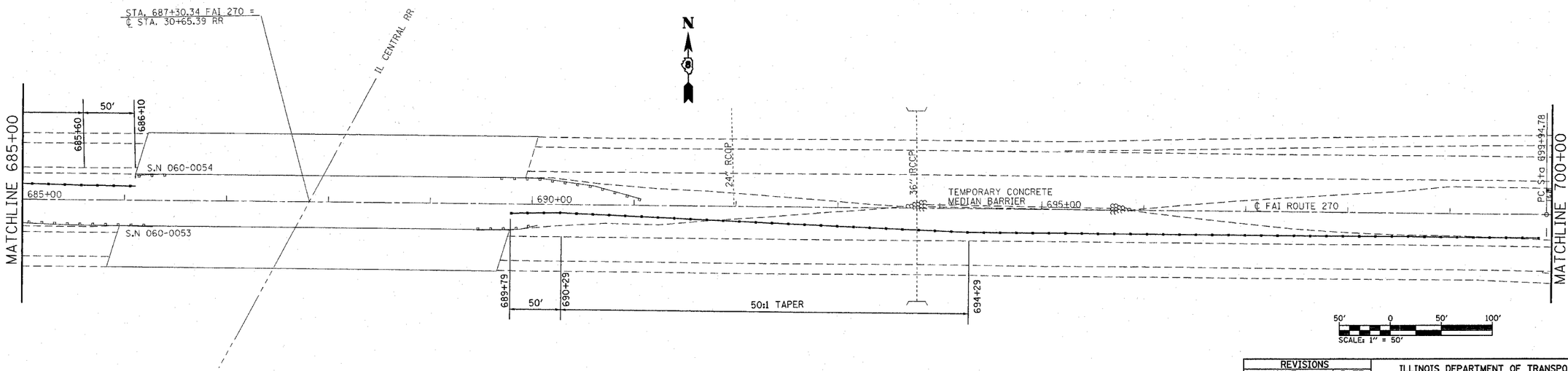
PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed#92207h\plan\erplnd#92207hdgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = #ED#4

CONTRACT NO. 76B17

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
△ = 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



INLET AND PIPE PROTECTION

MULCH

REVISIONS NAME	DATE

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

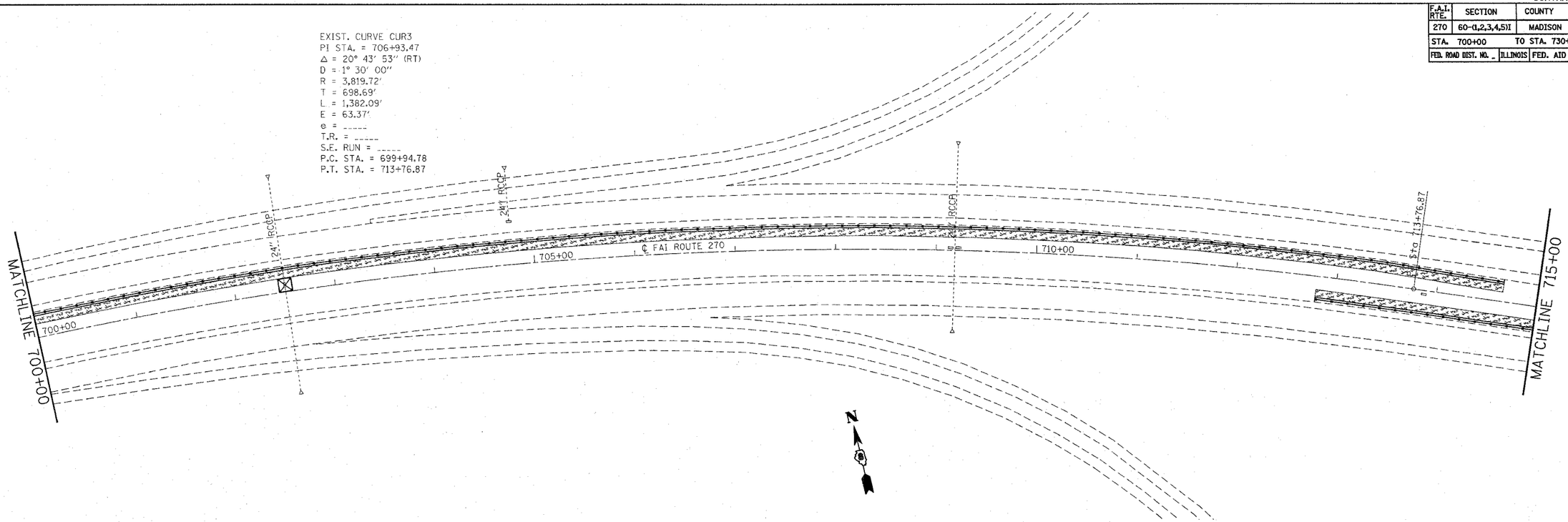
SCALE: VERT.
HORIZ.
DATE
DRAWN BY
CHECKED BY

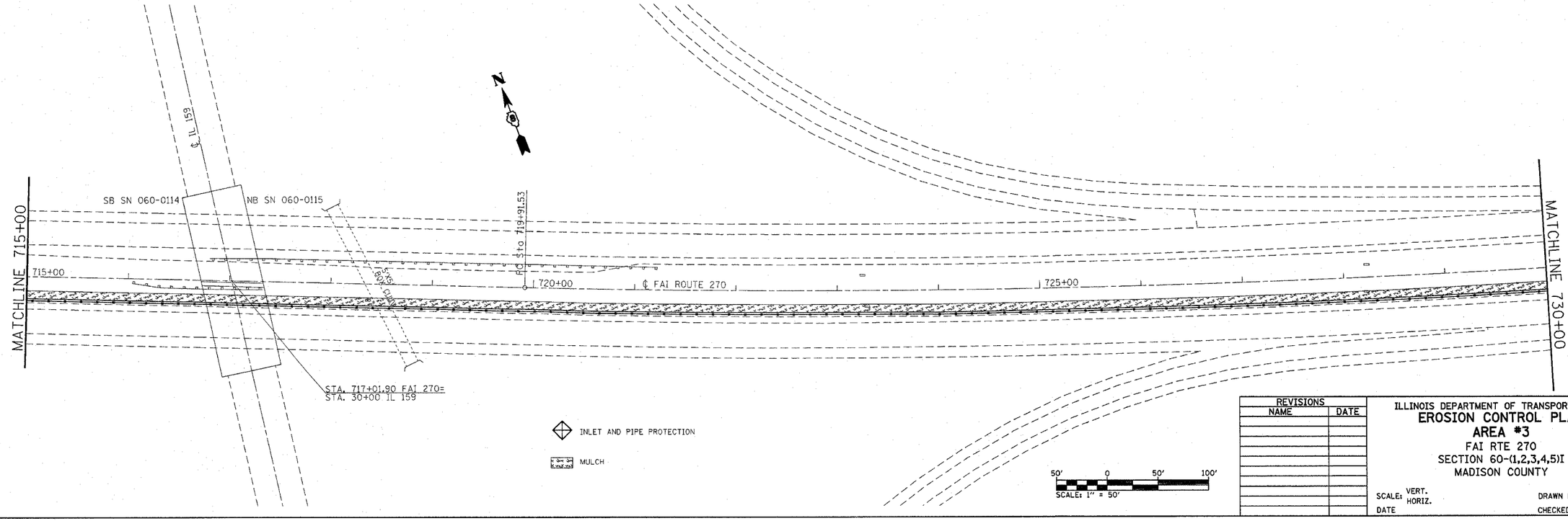
PLOT DATE = 12/12/2007
FILE NAME = c:\projects\Acad\92875\plan\erplt092875.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	41
STA. 700+00	TO STA. 730+00			
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

EXIST. CURVE CUR3
PI STA. = 706+93.47
Δ = 20° 43' 53" (RT)
D = 1° 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





REVISIONS NAME	DATE

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

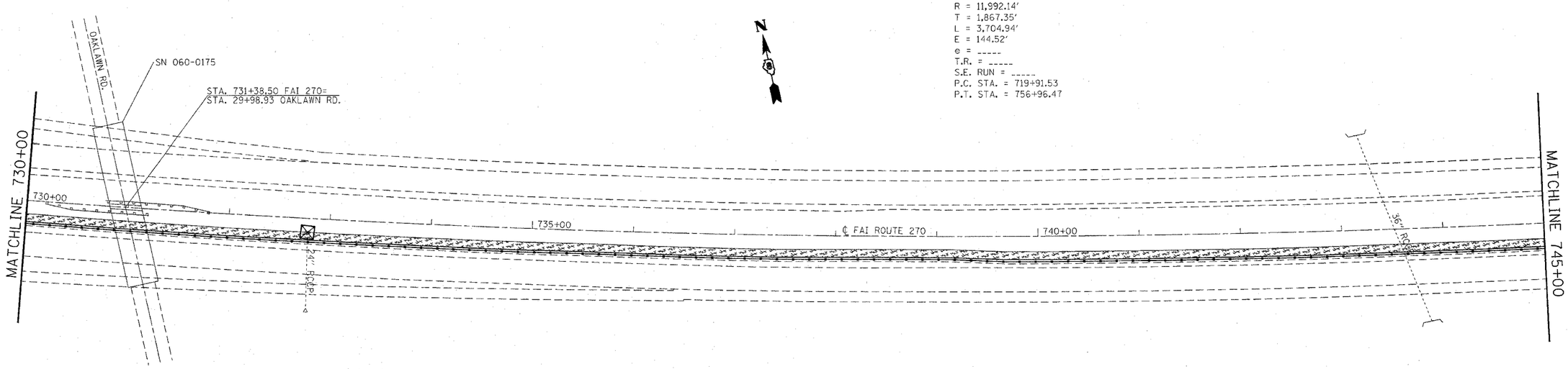
SCALE: VERT.
HORIZ.
DATE
DRAWN BY
CHECKED BY

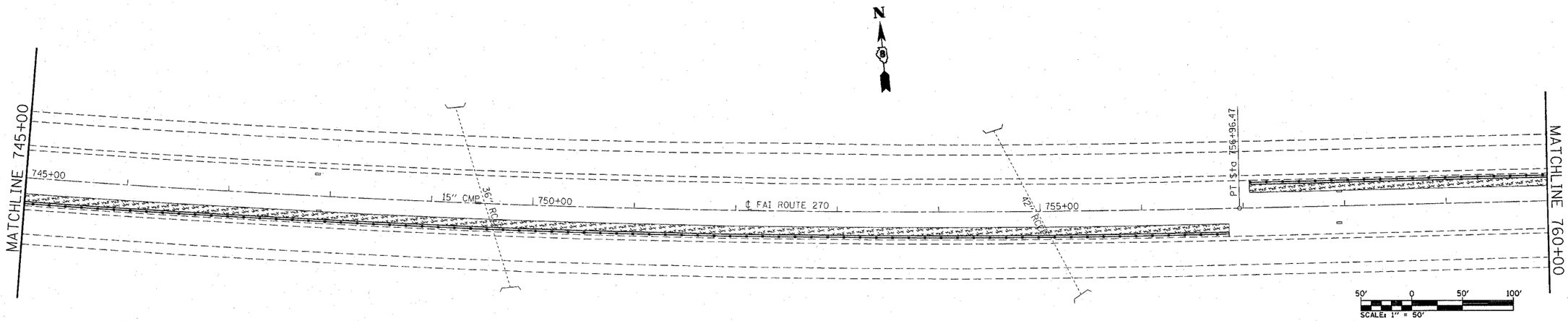
PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed#92070\plan\erpln092070a.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = #REF#

CONTRACT NO. 76B17

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. _	ILLINOIS	FED. AID PROJECT		

EXIST. CURVE CUR4
PI STA. = 738+58.88
Δ = 17° 42′ 05″ (LT)
D = 0° 28′ 40″
R = 11,992.14′
T = 1,867.35′
L = 3,704.94′
E = 144.52′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 719+91.53
P.T. STA. = 756+96.47





INLET AND PIPE PROTECTION

MULCH

REVISIONS NAME	DATE

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

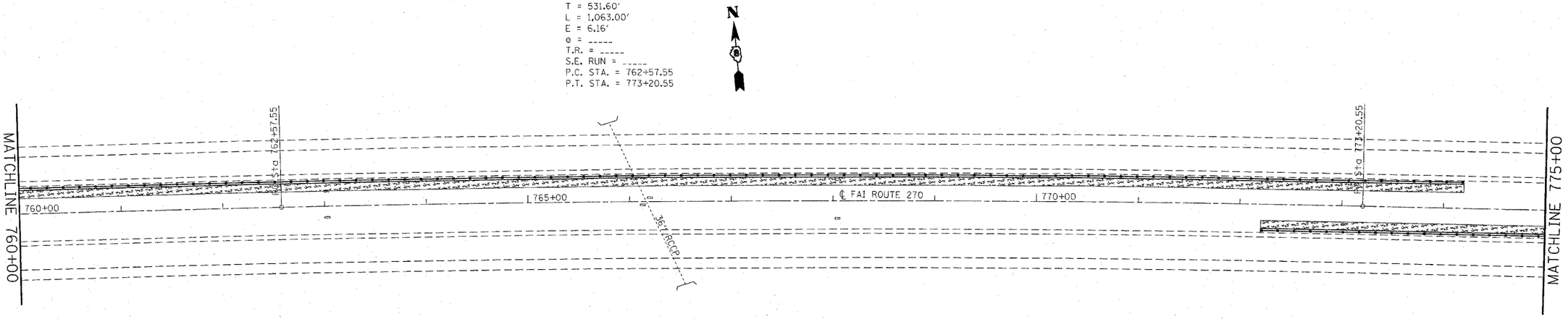
DRAWN BY
CHECKED BY

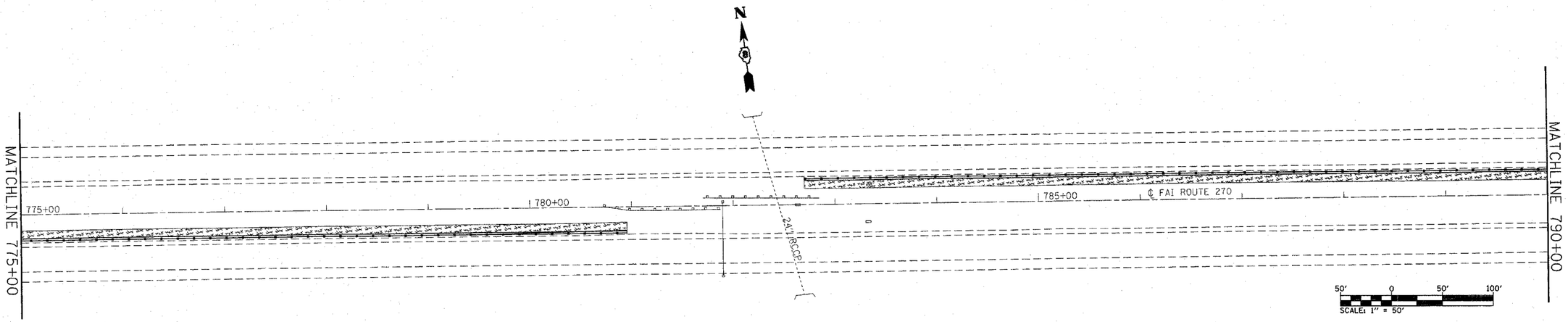
PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed892675\plan\erpln892675b.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76B17

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
Δ = 2° 39' 27" (RT)
D = 0° 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





INLET AND PIPE PROTECTION

MULCH

REVISIONS NAME	DATE

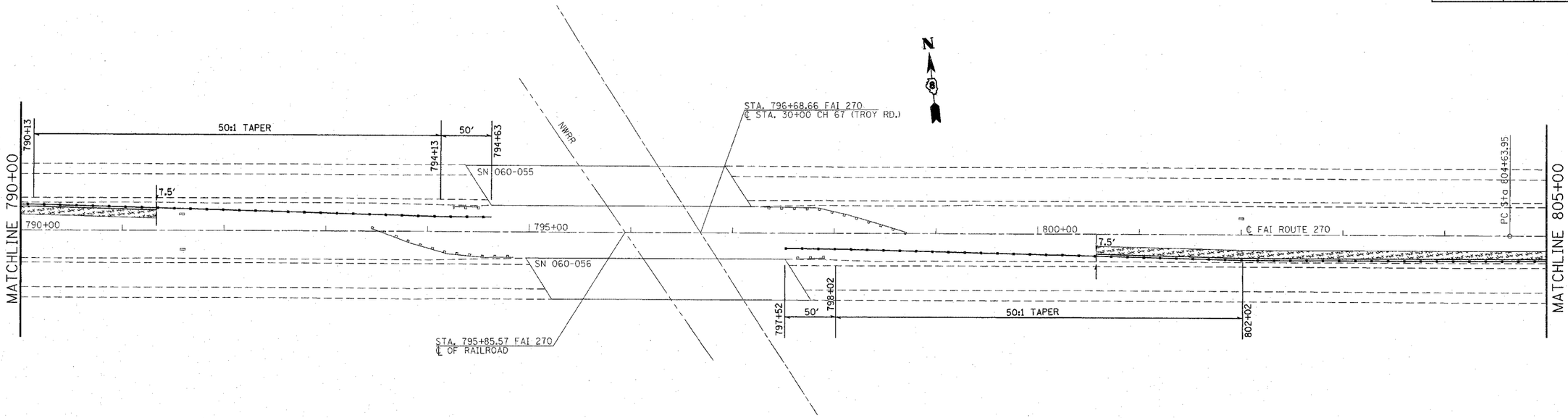
ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #3
FAI RTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

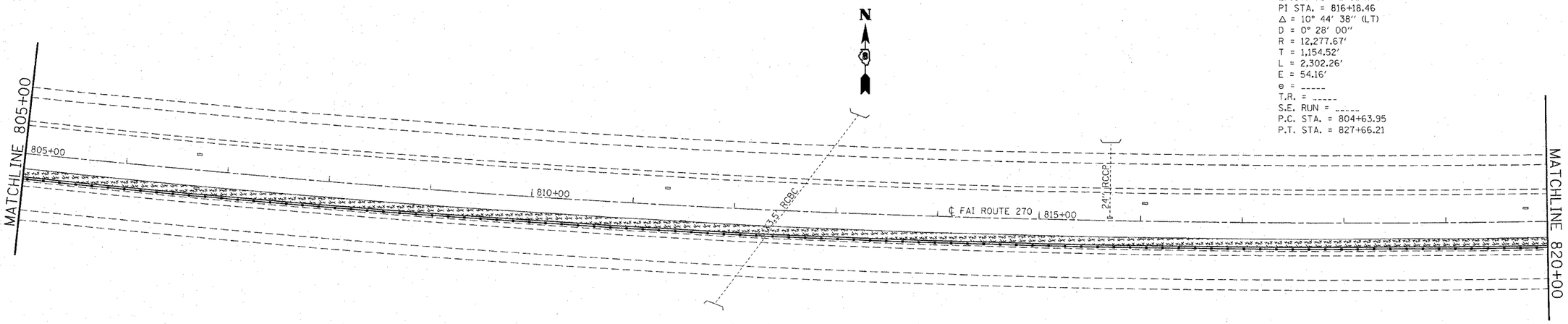
SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = 12/12/2007
FILE NAME = c:\projects\sd87207b\plan\erpla87207a.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = REF

CONTRACT NO. 76817

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
PI STA. = 816+18.46
Δ = 10° 44' 38" (LT)
D = 0° 28' 00"
R = 12,277.67'
T = 1,154.52'
L = 2,302.26'
E = 54.16'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 804+63.95
P.T. STA. = 827+66.21

INLET AND PIPE PROTECTION

MULCH

50' 0 50' 100'
SCALE: 1" = 50'

REVISIONS NAME	DATE

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

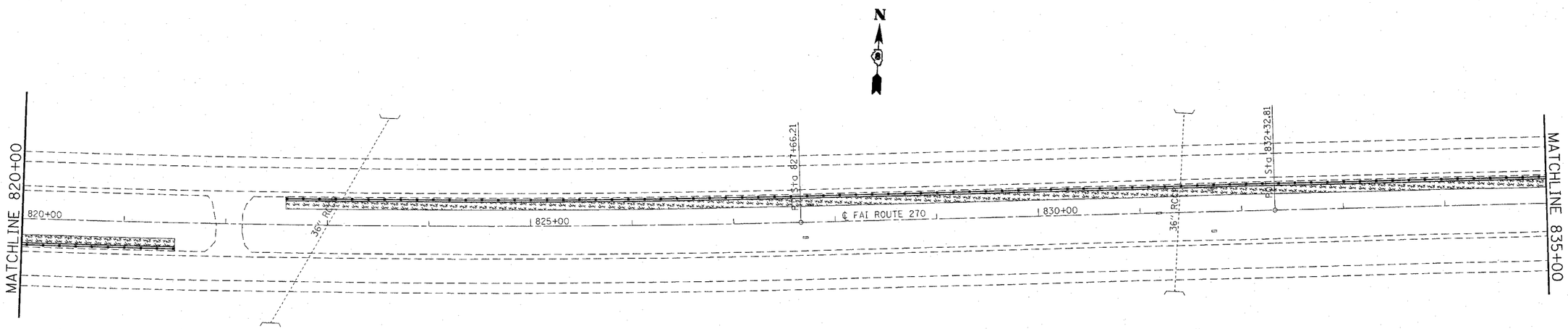
SCALE: VERT.
HORIZ.
DATE

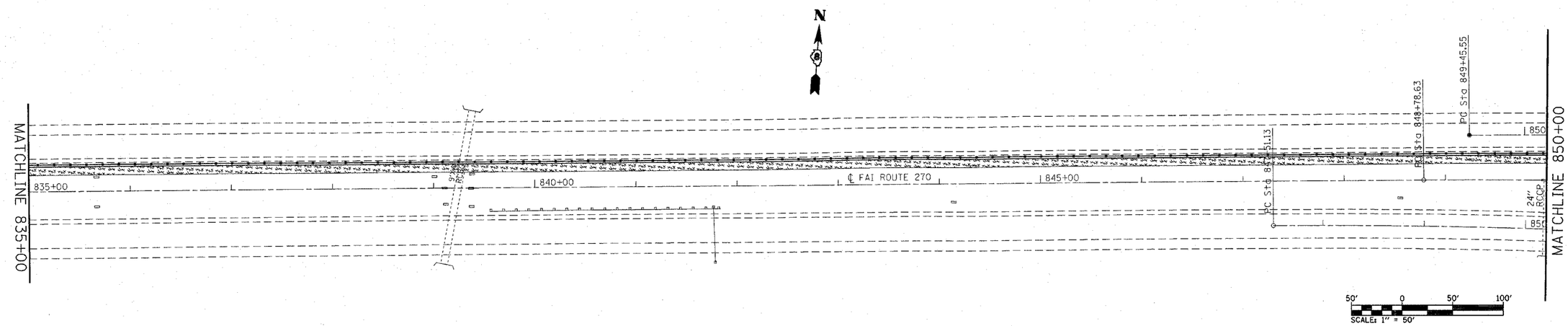
DRAWN BY
CHECKED BY

PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ved89287b\plan\erpla89287b.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = #REF#

CONTRACT NO. 76B17

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		





INLET AND PIPE PROTECTION

MULCH

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

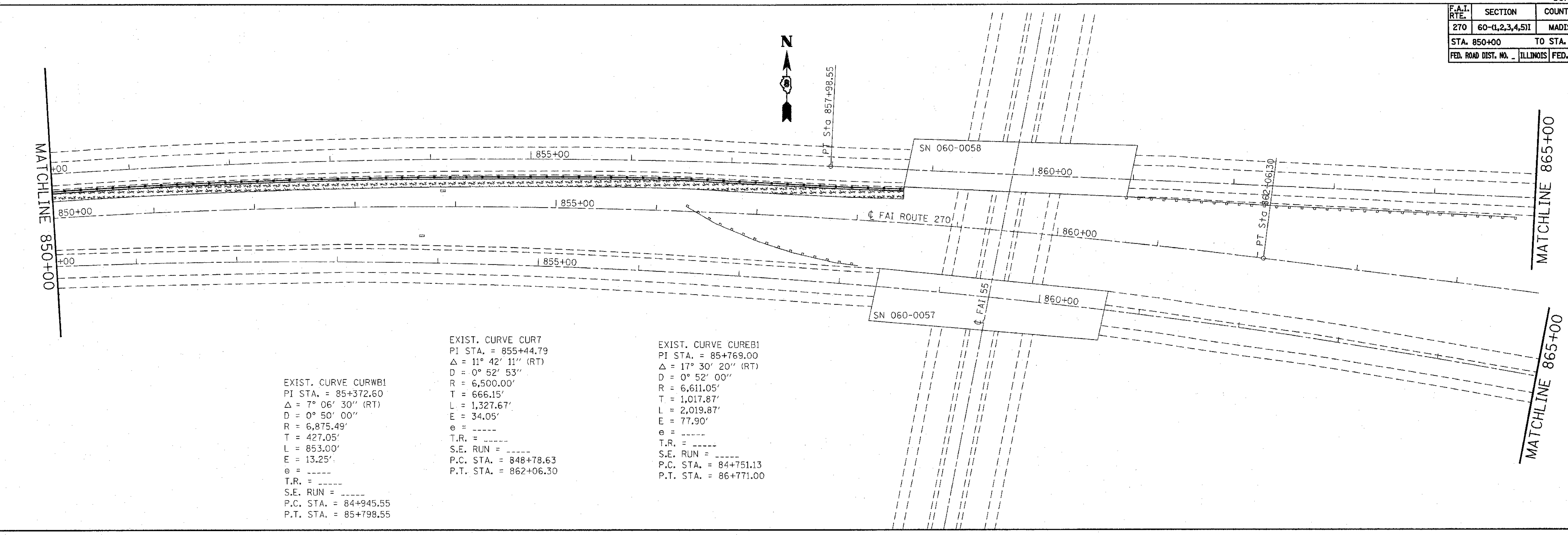
EROSION CONTROL PLAN
AREA #3
FAI RTE 270
SECTION 60-(1,2,3,4,5)I
MADISON COUNTY

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed892078\plan\erpln892078.dgn
PLOT SCALE = 50.0000 ' / IN.
REFERENCE = WEF

CONTRACT NO. 76B17

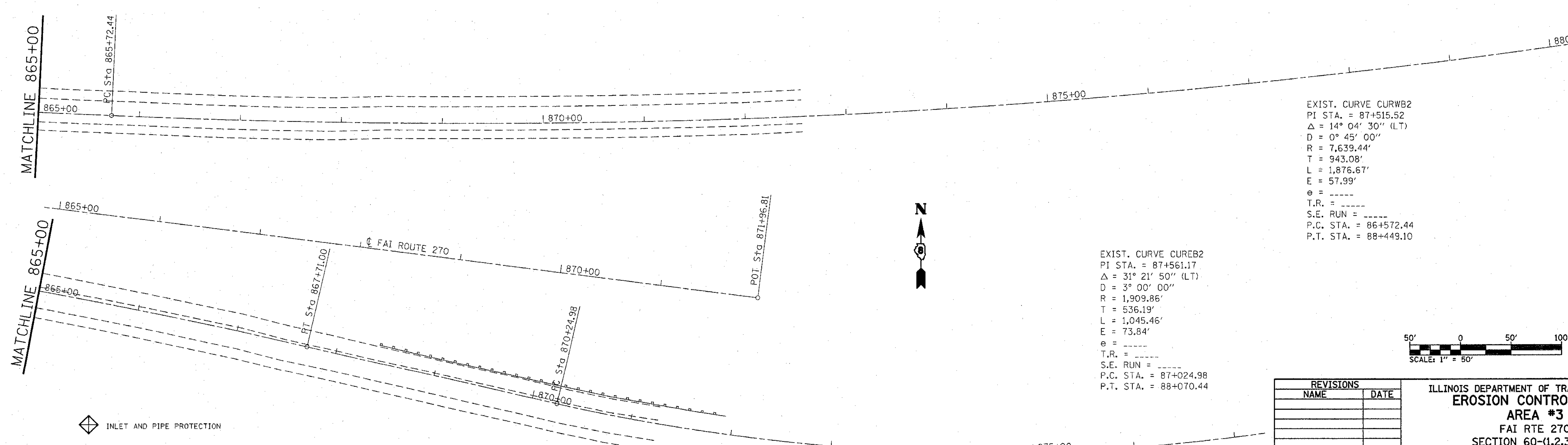
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-(1,2,3,4,5)I	MADISON	46	46
STA. 850+00 TO STA. 858+72				
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE CURWB1
PI STA. = 85+372.60
Δ = 7° 06′ 30″ (RT)
D = 0° 50′ 00″
R = 6,875.49′
T = 427.05′
L = 853.00′
E = 13.25′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 84+945.55
P.T. STA. = 85+798.55

EXIST. CURVE CUR7
PI STA. = 855+44.79
Δ = 11° 42′ 11″ (RT)
D = 0° 52′ 53″
R = 6,500.00′
T = 666.15′
L = 1,327.67′
E = 34.05′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 848+78.63
P.T. STA. = 862+06.30

EXIST. CURVE CUREB1
PI STA. = 85+769.00
Δ = 17° 30′ 20″ (RT)
D = 0° 52′ 00″
R = 6,611.05′
T = 1,017.87′
L = 2,019.87′
E = 77.90′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 84+751.13
P.T. STA. = 86+771.00



EXIST. CURVE CURWB2
PI STA. = 87+515.52
Δ = 14° 04′ 30″ (LT)
D = 0° 45′ 00″
R = 7,639.44′
T = 943.08′
L = 1,876.67′
E = 57.99′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 86+572.44
P.T. STA. = 88+449.10

EXIST. CURVE CUREB2
PI STA. = 87+561.17
Δ = 31° 21′ 50″ (LT)
D = 3° 00′ 00″
R = 1,909.86′
T = 536.19′
L = 1,045.46′
E = 73.84′
e = _____
T.R. = _____
S.E. RUN = _____
P.C. STA. = 87+024.98
P.T. STA. = 88+070.44

INLET AND PIPE PROTECTION

MULCH

50′ 0 50′ 100′
SCALE: 1″ = 50′

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EROSION CONTROL PLAN
AREA #3
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MADISON COUNTY

SCALE: VERT. HORIZ.
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PLOT DATE = 12/12/2007
FILE NAME = c:\projects\ed092207b\plan\erpln092207b.dgn
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REFERENCE = REF