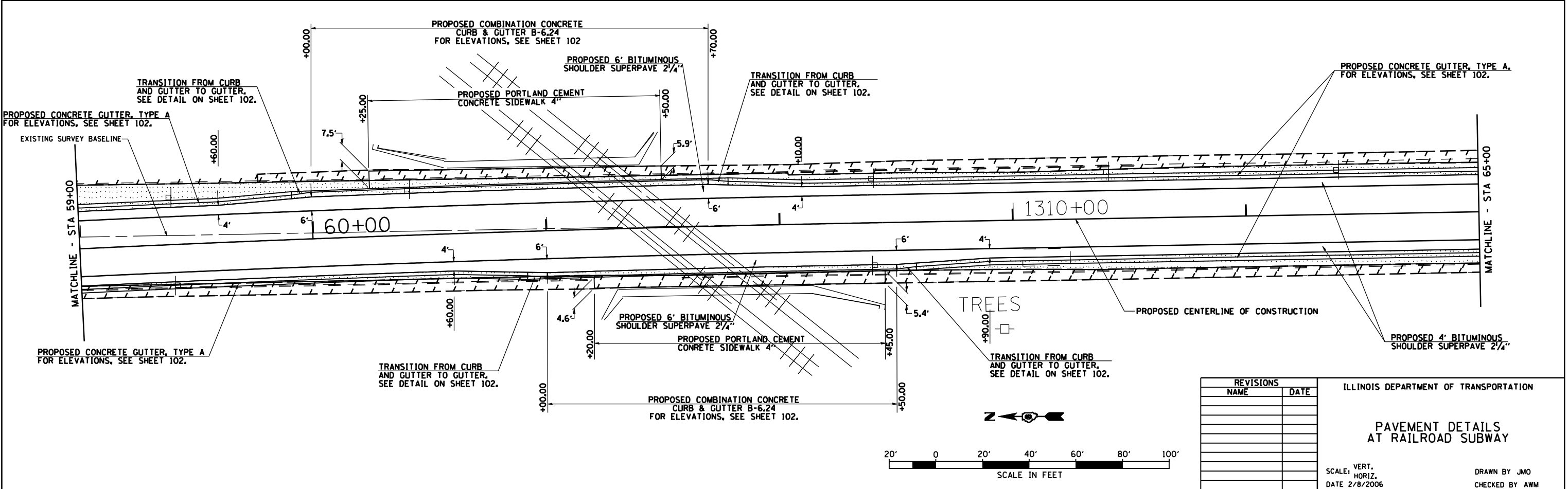
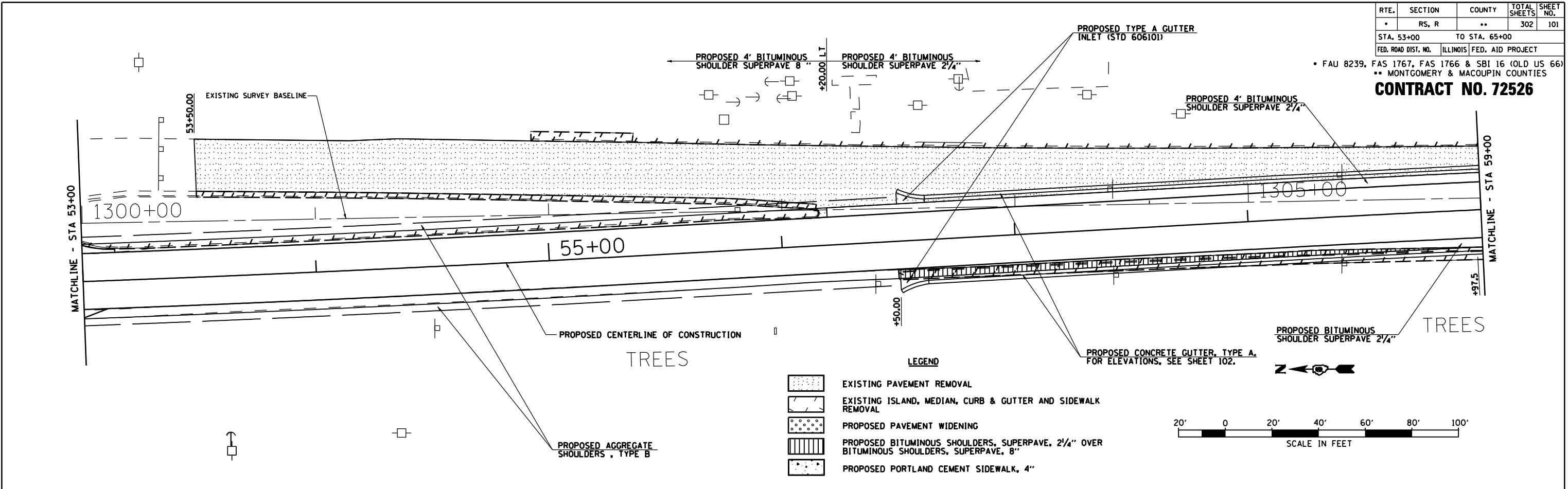


RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	101
STA. 53+00		TO STA. 65+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)				
** MONTGOMERY & MACOUPIN COUNTIES				
CONTRACT NO. 72526				



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION





PAVEMENT DETAILS AT RAILROAD SUBWAY

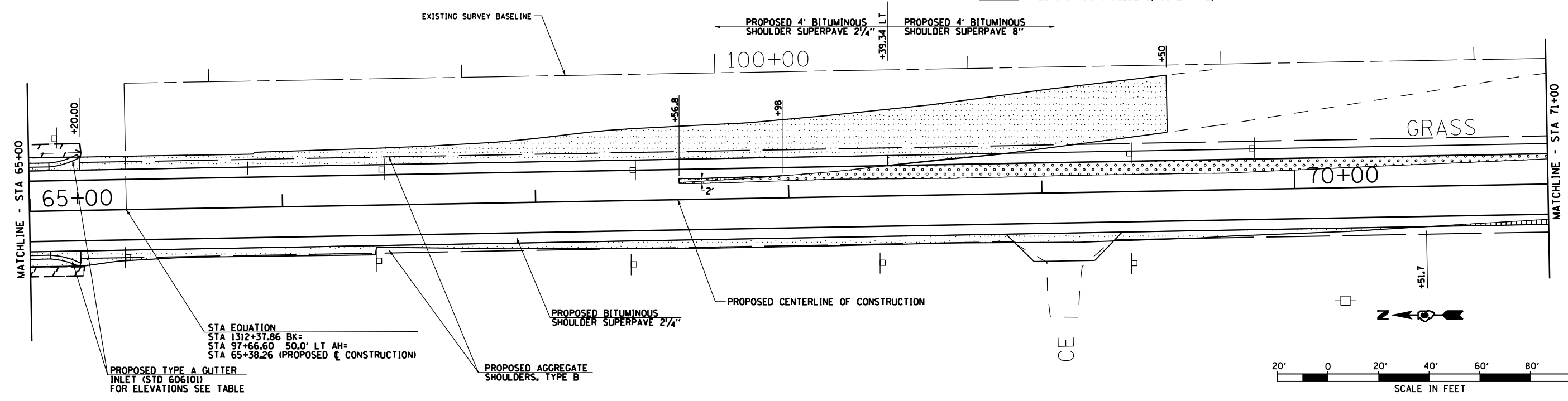
SCALE: VERT. HORIZ. DATE 2/8/2006

DRAWN BY JMO
CHECKED BY AWM

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	102
STA. 65+00		TO STA. 71+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)				
** MONTGOMERY & MACOUPIN COUNTIES				
CONTRACT NO. 72526				

LEGEND

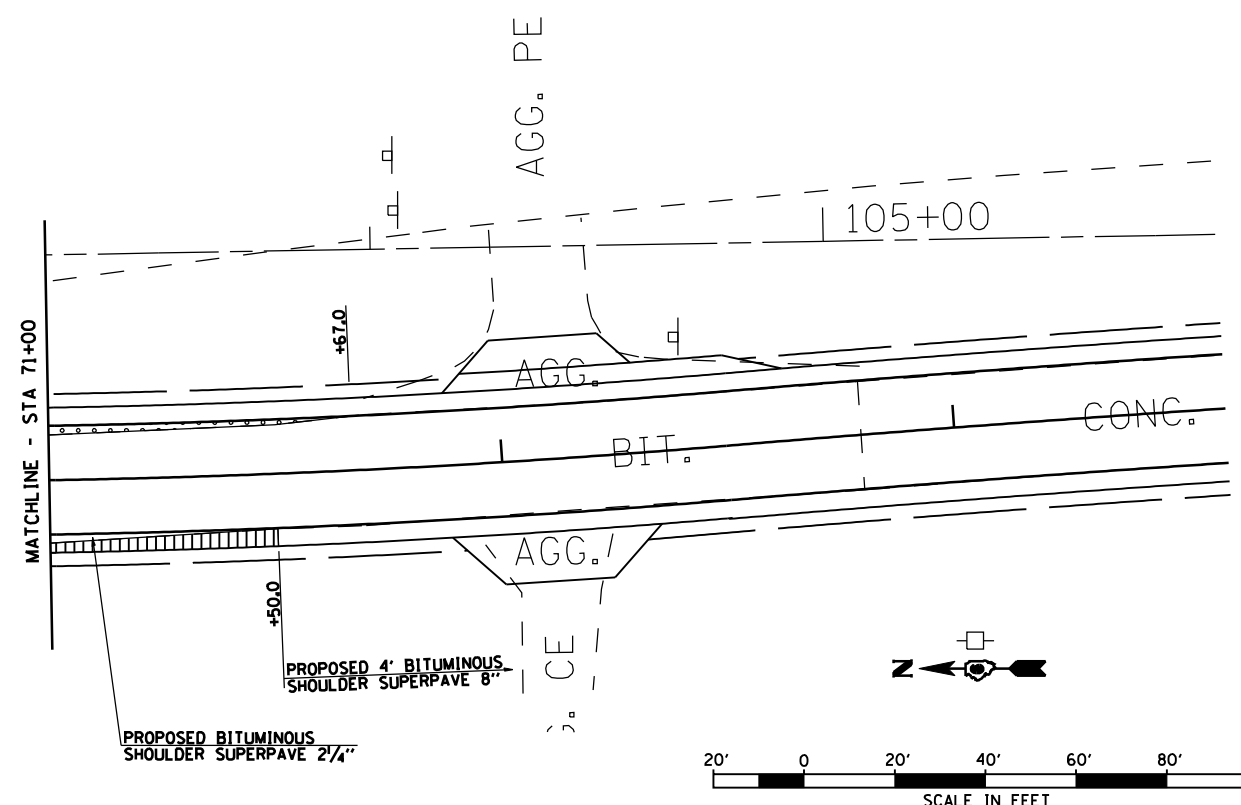
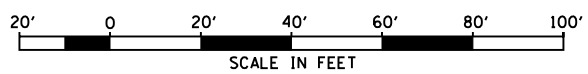
-  EXISTING PAVEMENT REMOVAL
-  EXISTING ISLAND, MEDIAN, CURB & GUTTER AND SIDEWALK REMOVAL
-  PROPOSED PAVEMENT WIDENING
-  PROPOSED BITUMINOUS SHOULDERS, SUPERPAVE, 2 1/4" OVER BITUMINOUS SHOULDERS, SUPERPAVE, 8"



STA EQUATION
 STA 1312+37.86 BK=
 STA 97+66.60 50.0' LT AH=
 STA 65+38.26 (PROPOSED C CONSTRUCTION)

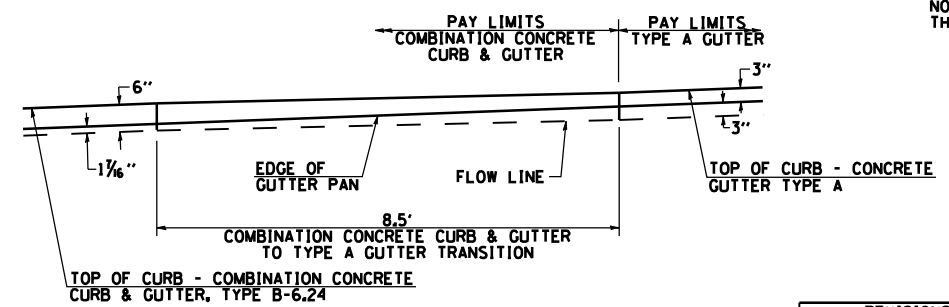
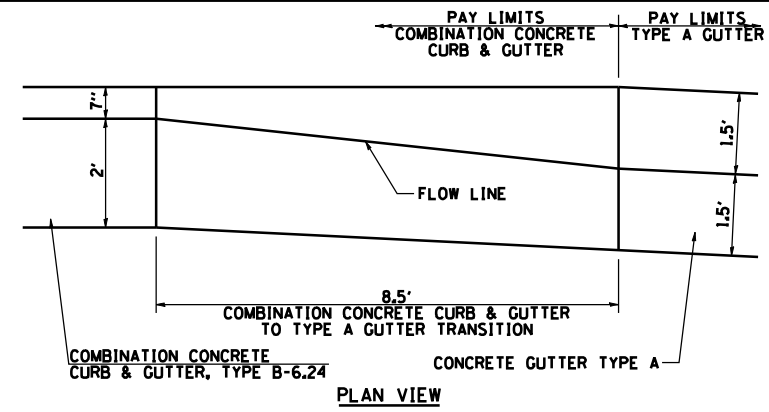
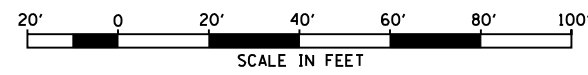
PROPOSED TYPE A GUTTER
 INLET (STD 60610)
 FOR ELEVATIONS SEE TABLE

PROPOSED AGGREGATE
 SHOULDERS, TYPE B



PROPOSED 4' BITUMINOUS
 SHOULDER SUPERPAVE 8"

PROPOSED BITUMINOUS
 SHOULDER SUPERPAVE 2 1/4"



STATION	LEFT EOP ELEV	RIGHT EOP ELEV
57+00.00	650.68	650.48
58+00.00	647.29	647.33
59+00.00	643.25	643.25
60+00.00	638.54	638.49
61+00.00	636.29	636.13
62+00.00	637.00	636.93
63+00.00	641.31	641.29
64+00.00	646.91	646.93
65+00.00	651.03	651.00

NOTE: ELEVATIONS ARE THE PAN ELEVATION AT THE EDGE OF THE SHOULDER

TRANSITION DETAIL FOR COMBINATION CONCRETE CURB & GUTTER B-6.24 TO CONCRETE GUTTER TYPE A (NO SCALE)

STA 59+91.50 TO STA 60+00.00 LT
 STA 60+91.50 TO STA 61+00.00 RT
 STA 61+70.00 TO STA 61+78.50 LT
 STA 62+50.00 TO STA 62+58.50 RT

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ILLINOIS DEPARTMENT OF TRANSPORTATION

**PAVEMENT DETAILS
 AT RAILROAD SUBWAY**

SCALE: VERT. 1"=4'
 HORIZ. 1"=40'
 DATE 2/8/2006

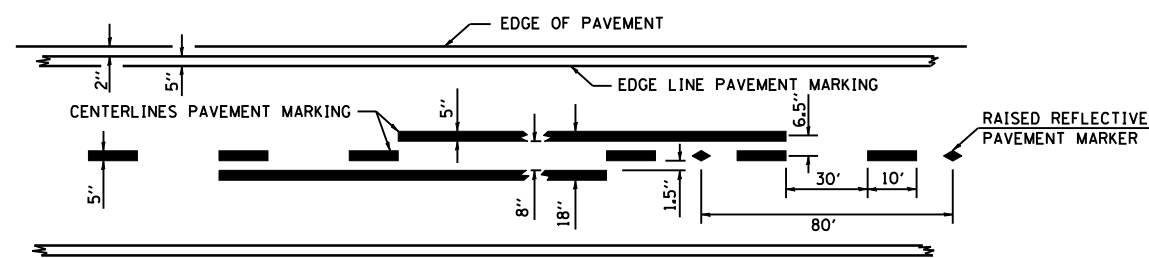
DRAWN BY JMO
 CHECKED BY AWM

PAVEMENT MARKING LEGENDS

—————	SOLID LINE
=====	DOUBLE CENTERLINE
- - - - -	SKIP-DASH WHITE
- - - - -	SKIP-DASH YELLOW
—————	STOP LINE
◆	RAISED REFLECTIVE PAVEMENT MARKER, TWO-WAY AMBER
↷	TURN ARROW, 8'
X	RAILROAD-HIGHWAY GRADE CROSSINGS

PAVEMENT MARKING GENERAL NOTES

1. ALL DIAGONAL LINES ARE 12" AT 30' CENTERS, MINIMUM OF 5 DIAGONAL LINES PER SEPARATE AREA.
2. ALL TURN ARROWS ARE 8' HIGH.
3. REFERENCE ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT 6 PAVEMENT MARKING STANDARDS FOR DETAILS NOT SHOWN.
4. "NO PASSING ZONES" ARE TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS 14 DAYS PRIOR TO PERMANENT PAVEMENT MARKINGS.



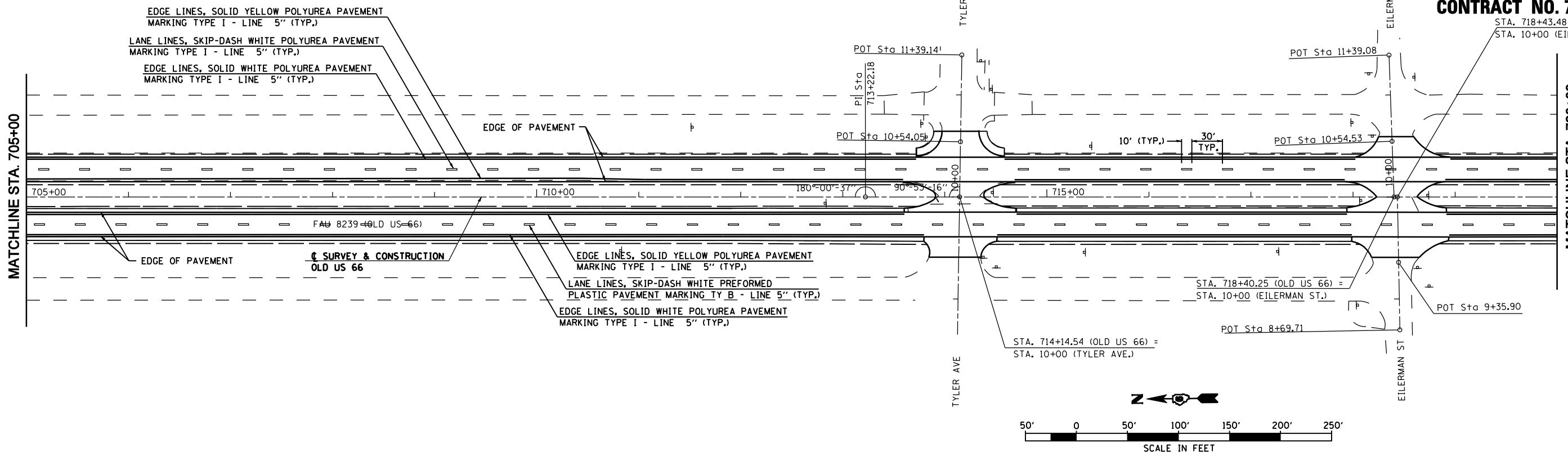
TYPICAL APPLICATION

REVISIONS	
NAME	DATE

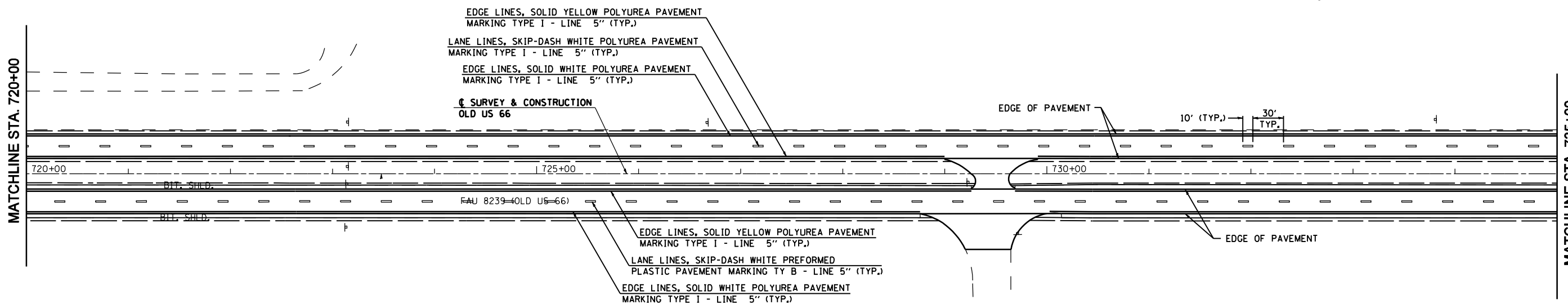
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PR. PAVEMENT MARKING
 LEGENDS, GENERAL NOTES
 & TYPICAL APPLICATION
 SCALE: NONE
 DATE: 2/8/2006
 DRAWN BY: SGL
 CHECKED BY: JH

SEC 5, T 8 N, R 5 W, 3RD PM

F.A.U. RTE. 8239	SECTION RS,R	COUNTY •	TOTAL SHEETS 302	SHEET NO. 106
STA. 705+00		TO STA. 735+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
STA. 718+43.48 (OLD US 66) = STA. 10+00 (EILERMAN ST.)				



SEC 5, T 8 N, R 5 W, 3RD PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLAN

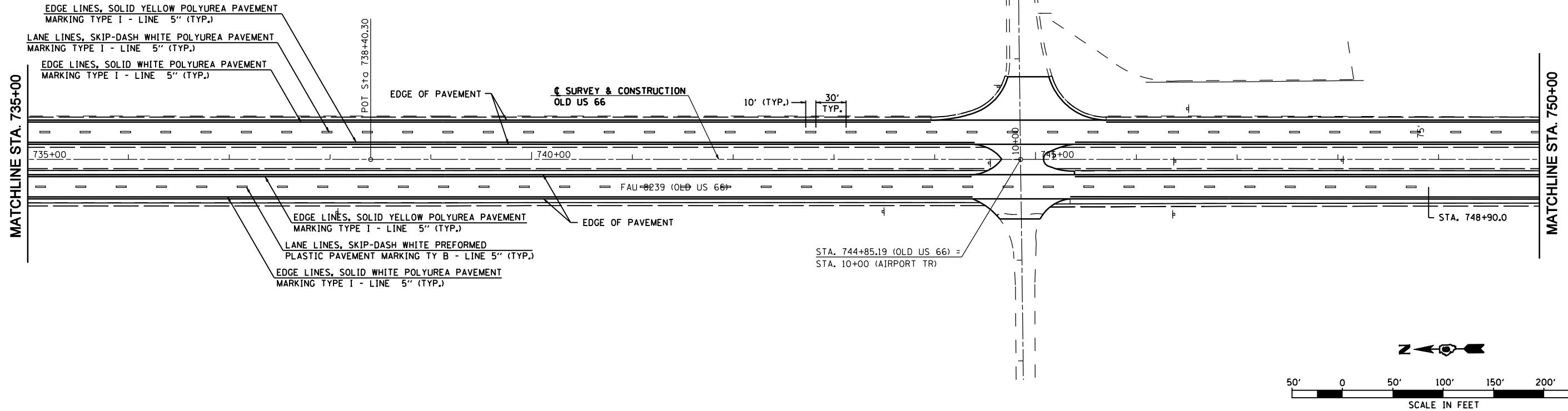
SCALE: 1"=50'
DATE: 2/8/2006

DRAWN BY: SGL
CHECKED BY: JH

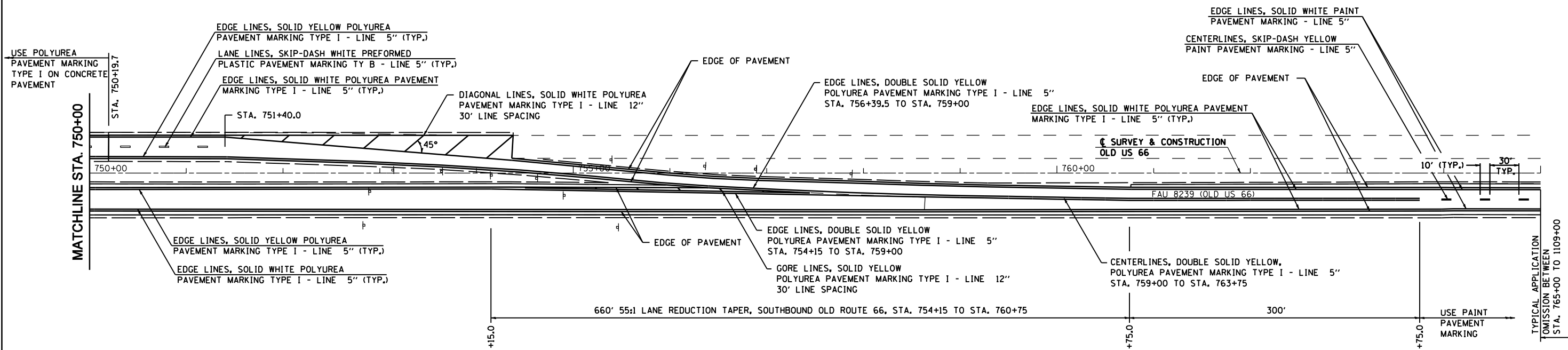
SEC 5, T 8 N, R 5 W, 3RD PM

SEC 8, T 8 N, R 5 W, 3RD PM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	*	302	107
STA. 735+00		TO STA. 765+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 8, T 8 N, R 5 W, 3RD PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLAN

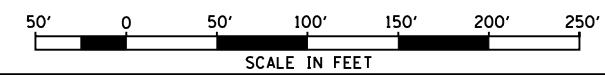
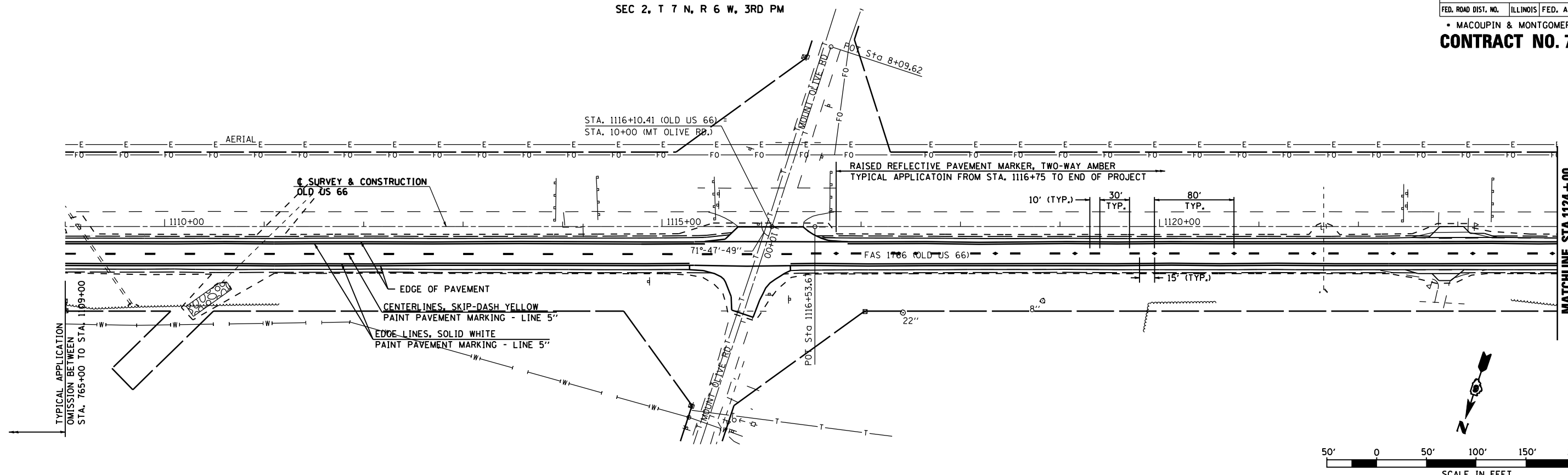
SCALE: 1"=50'
DATE: 2/8/2006

DRAWN BY: SGL
CHECKED BY: JH

OLD ROUTE 66 STA. 735+00 TO STA. 765+00

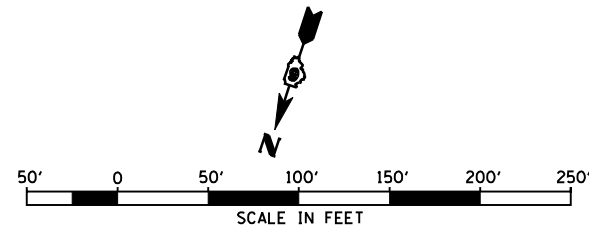
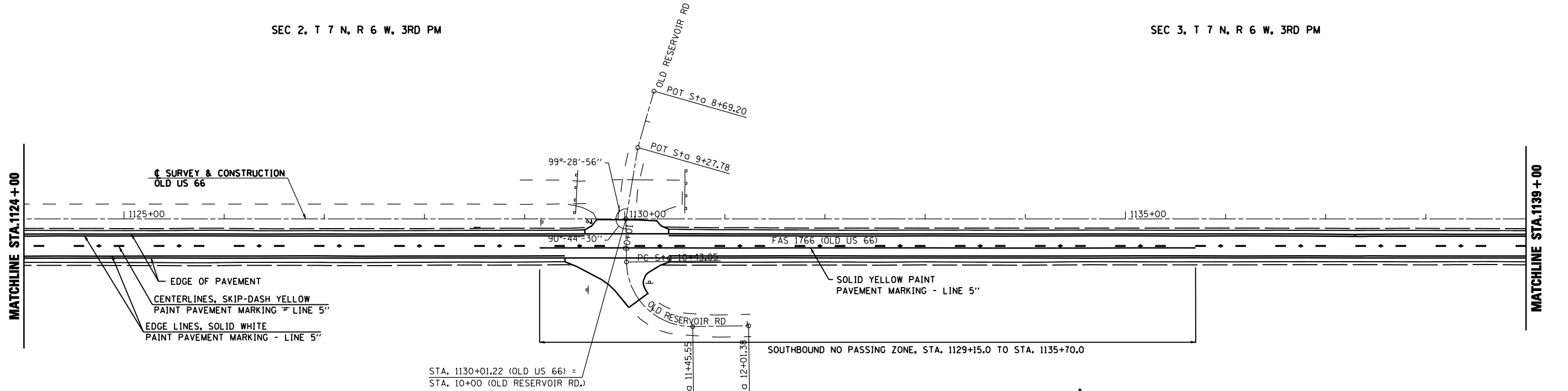
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	*	302	108
STA. 1109+00		TO STA. 1139+00		
FED. ROAD DIST. NO.	ILLINOIS		FED. AID PROJECT	
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 2, T 7 N, R 6 W, 3RD PM



SEC 2, T 7 N, R 6 W, 3RD PM

SEC 3, T 7 N, R 6 W, 3RD PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

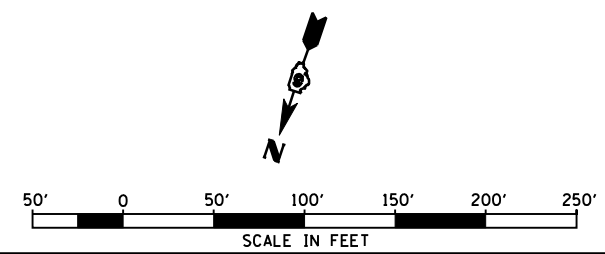
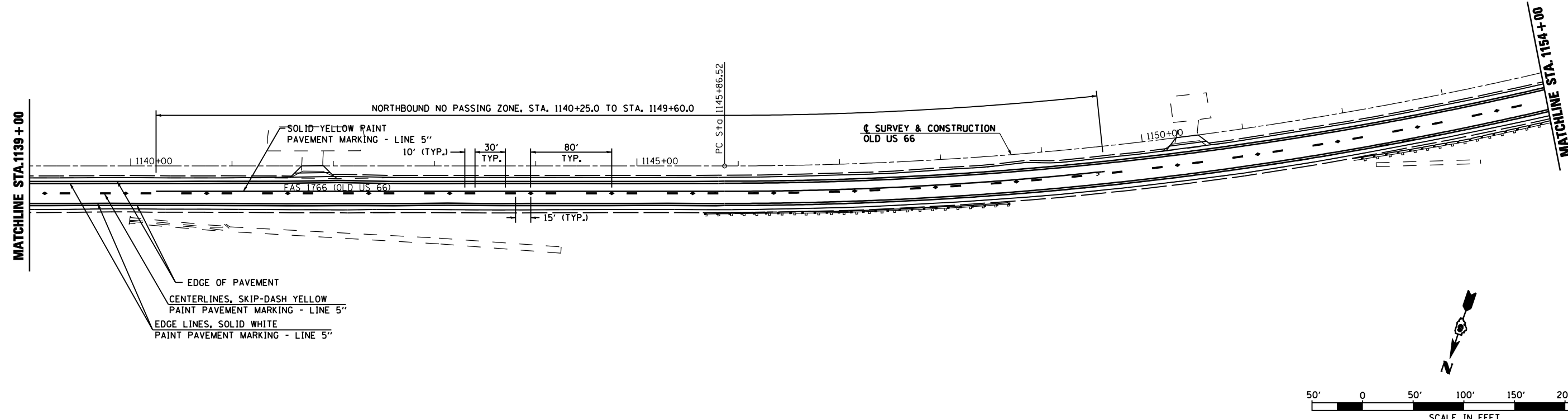
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1"=50'
DATE: 2/8/2006

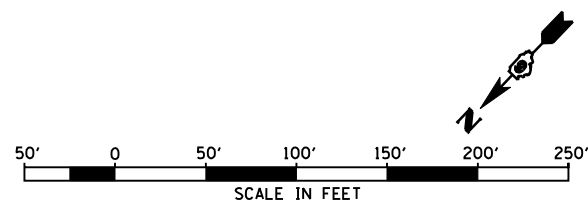
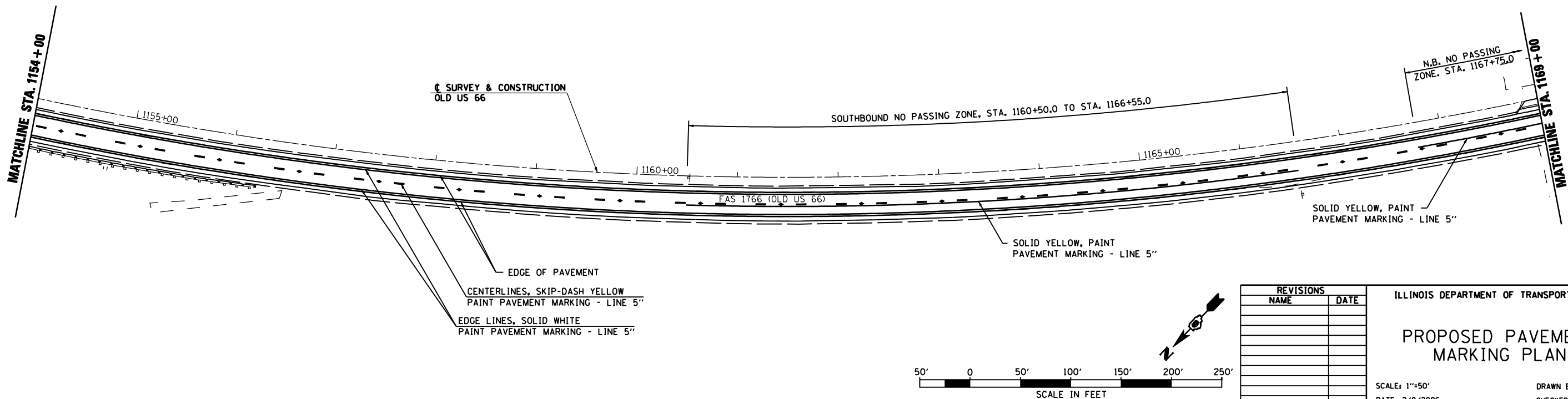
DRAWN BY: SGL
CHECKED BY: JH

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	109
STA. 1139+00		TO STA. 1169+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 3, T 7 N, R 6 W, 3RD PM



SEC 3, T 7 N, R 6 W, 3RD PM

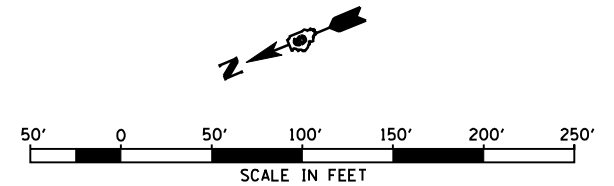
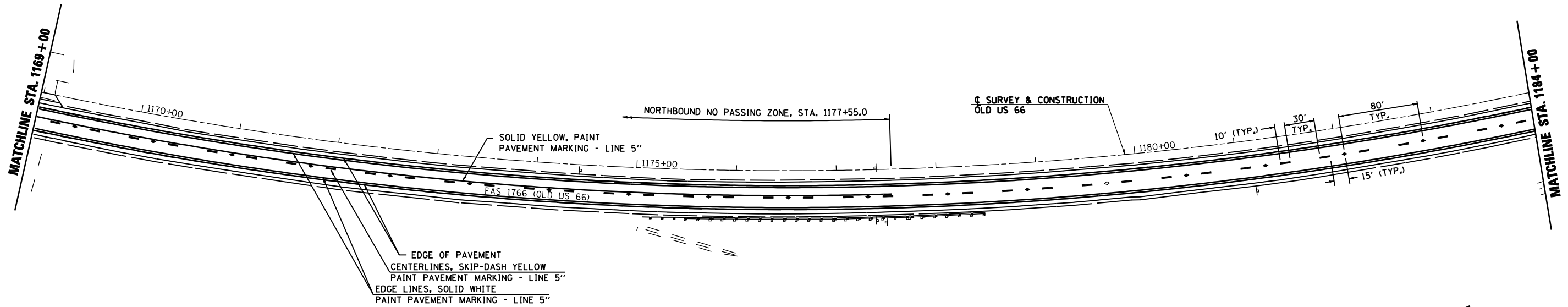


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PAVEMENT MARKING PLAN
 SCALE: 1"=50'
 DATE: 2/8/2006
 DRAWN BY: SGL
 CHECKED BY: JH

SEC 3, T 7 N, R 6 W, 3RD PM

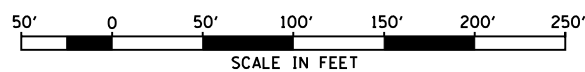
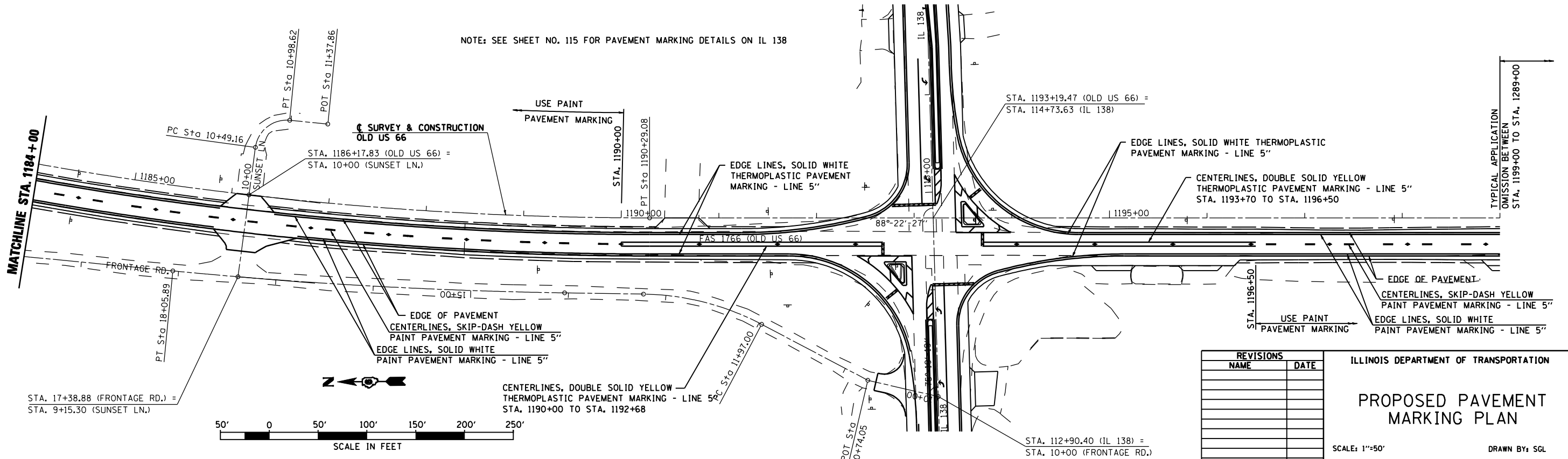
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	110
STA. 1169+00		TO STA. 1199+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 3, T 7 N, R 6 W, 3RD PM

SEC 10, T 7 N, R 6 W, 3RD PM

NOTE: SEE SHEET NO. 115 FOR PAVEMENT MARKING DETAILS ON IL 138



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PAVEMENT MARKING PLAN

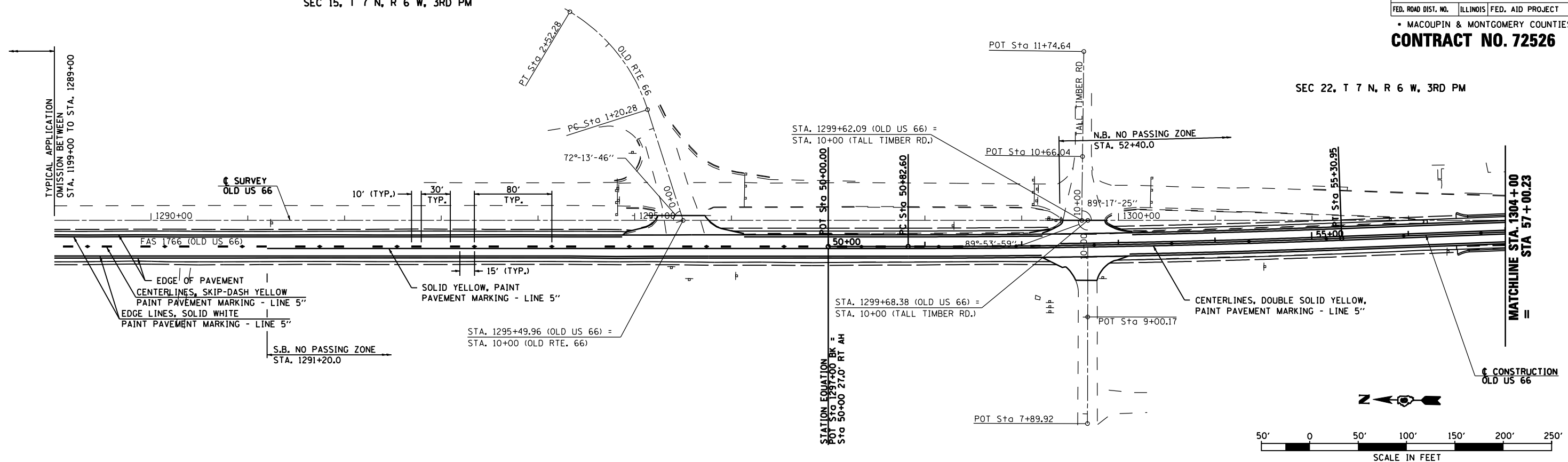
SCALE: 1"=50'
 DATE: 2/8/2006

DRAWN BY: SGL
 CHECKED BY: JH

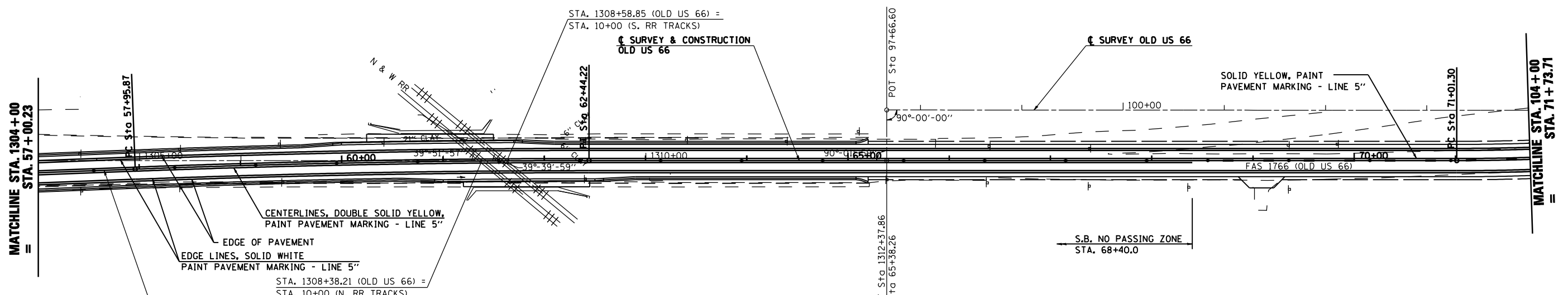
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	111
STA. 1289+00		TO STA. 104+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 15, T 7 N, R 6 W, 3RD PM

SEC 22, T 7 N, R 6 W, 3RD PM



SEC 22, T 7 N, R 6 W, 3RD PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

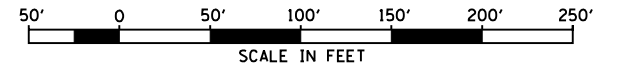
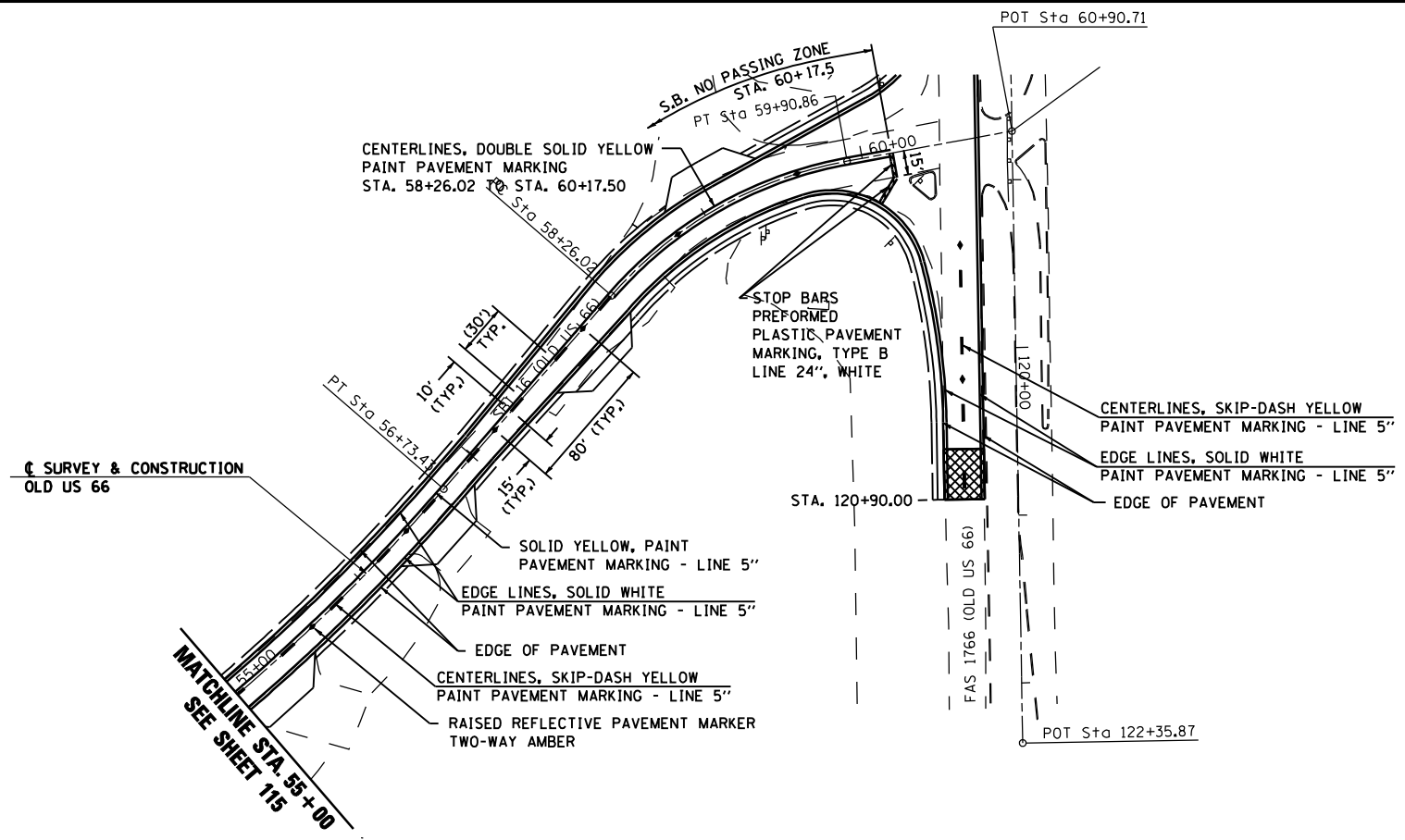
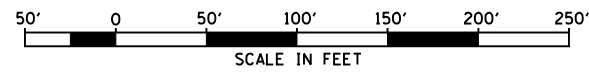
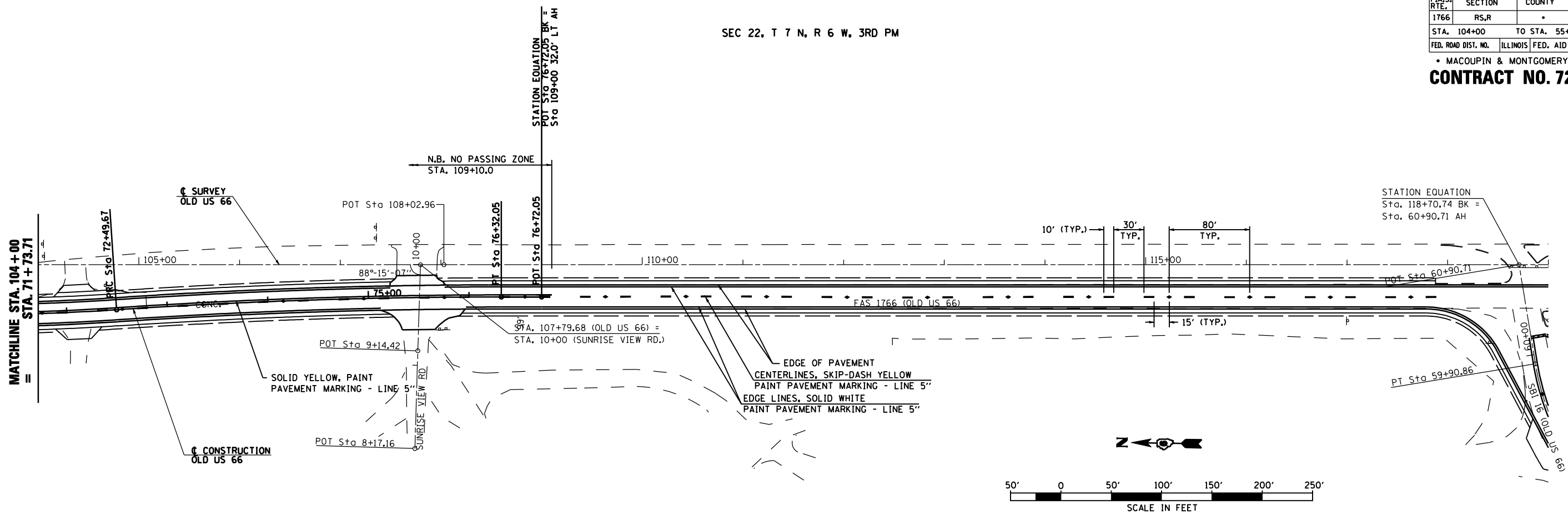
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1"=50'
DATE: 2/8/2006

DRAWN BY: SGL
CHECKED BY: JH

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	*	302	112
STA. 104+00		TO STA. 55+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 22. T 7 N, R 6 W, 3RD PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLAN

SCALE: 1"=50'
DATE: 2/8/2006

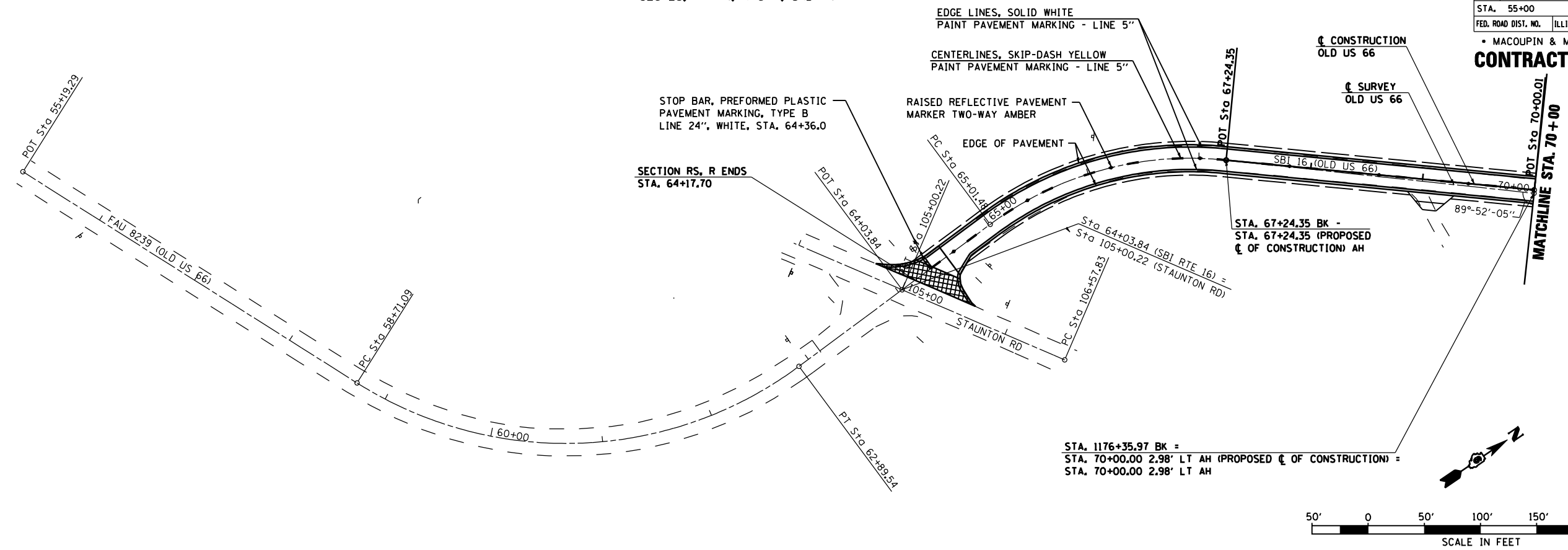
DRAWN BY: SGL
CHECKED BY: JH

OLD ROUTE 66 STA. 104+00 TO STA. 55+00

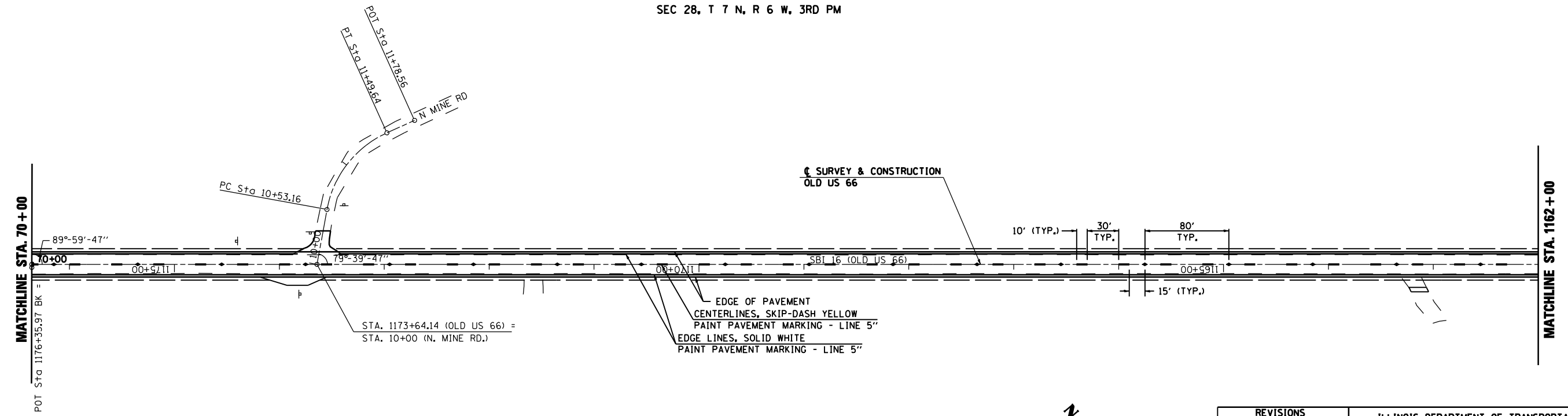
SEC 28, T 7 N, R 6 W, 3RD PM

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16	RS,R	*	302	113
STA. 55+00		TO STA. 1162+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* MACOUPIN & MONTGOMERY COUNTIES				

CONTRACT NO. 72526



SEC 28, T 7 N, R 6 W, 3RD PM

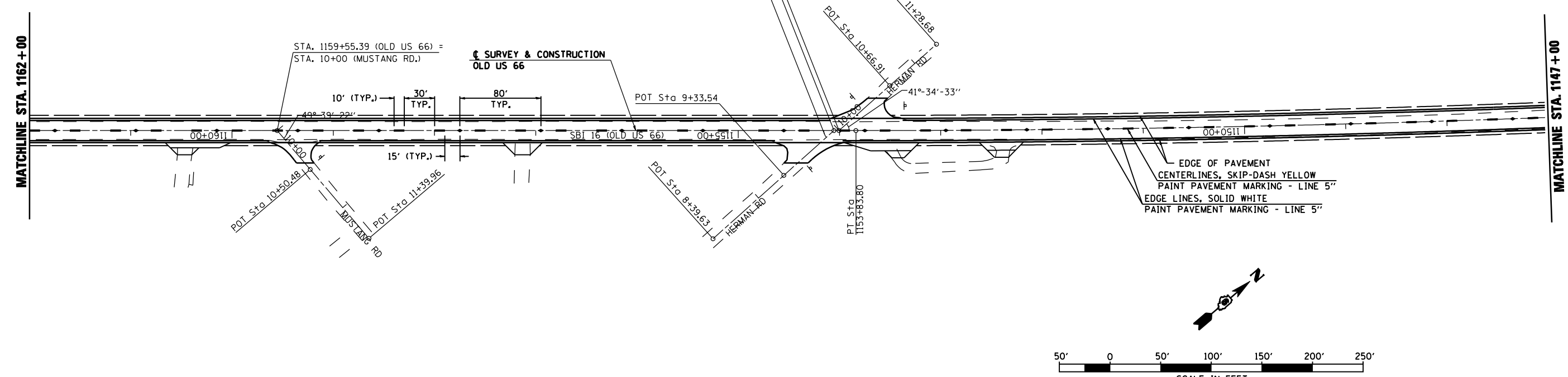


REVISIONS	
NAME	DATE

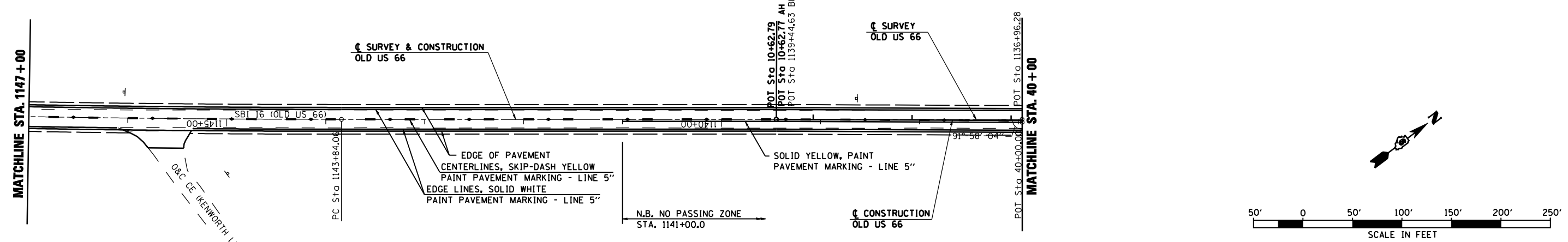
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PAVEMENT MARKING PLAN
 SCALE: 1"=50'
 DATE: 2/8/2006
 DRAWN BY: SGL
 CHECKED BY: JH

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16	RS,R	*	302	114
STA. 1162+00		TO STA. 40+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
* MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 28, T 7 N, R 6 W, 3RD PM



SEC 21, T 7 N, R 6 W, 3RD PM



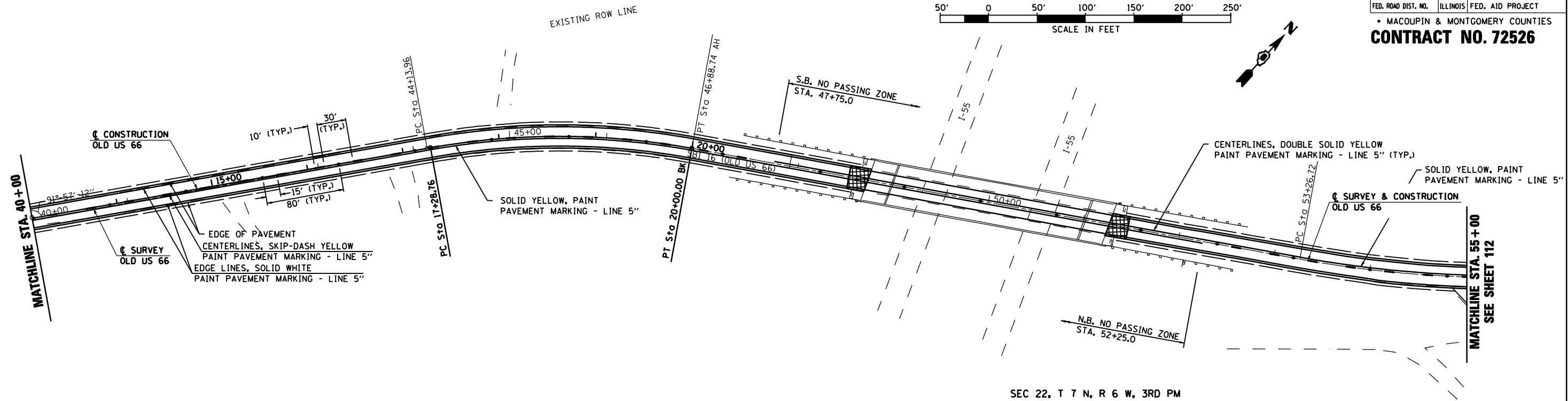
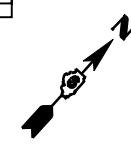
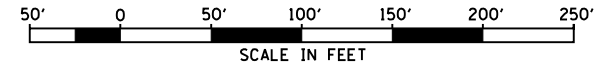
SEC 28, T 7 N, R 6 W, 3RD PM

REVISIONS	
NAME	DATE

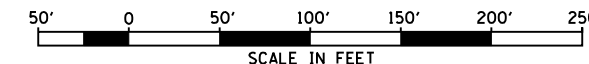
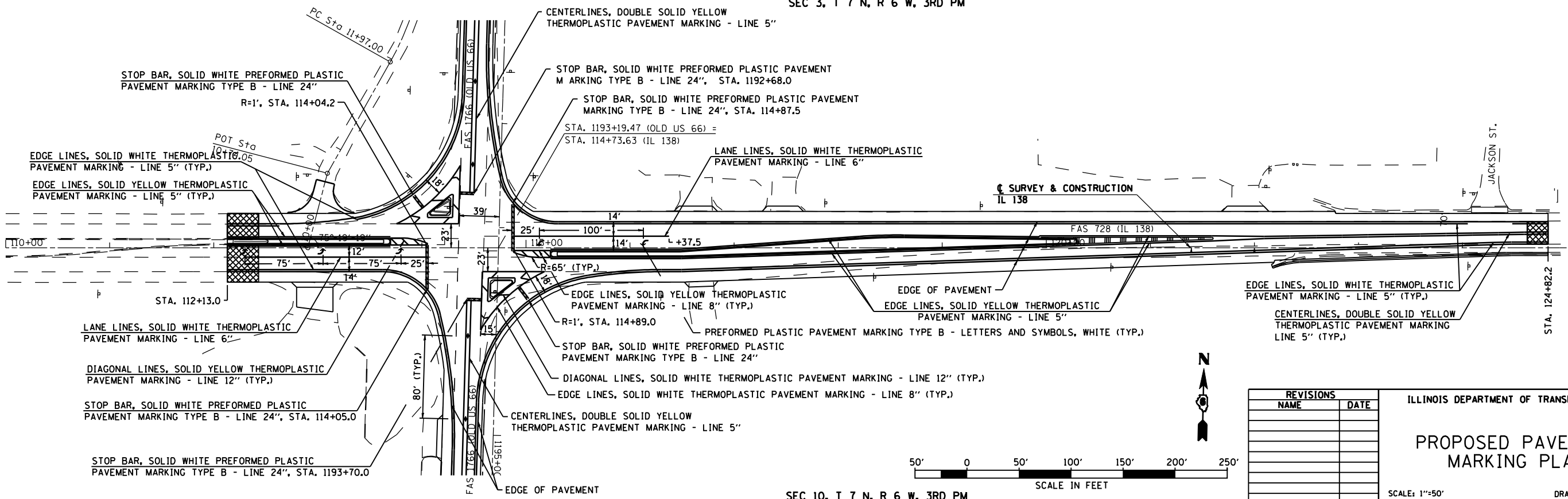
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED PAVEMENT MARKING PLAN
 SCALE: 1"=50'
 DATE: 2/8/2006
 DRAWN BY: SGL
 CHECKED BY: JH

SEC 21, T 7 N, R 6 W, 3RD PM

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16	RS,R	*	302	115
STA. 40+00		TO STA. 55+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 3, T 7 N, R 6 W, 3RD PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PAVEMENT MARKING PLAN

SCALE: 1"=50'
DATE: 2/8/2006

DRAWN BY: SGL
CHECKED BY: JH

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	116
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
* FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)				
** MONTGOMERY & MACOUPIN				

CONTRACT NO. 72526

STORM WATER POLLUTION PREVENTION PLAN			
FAU 8239, FAS 1767, FAS 1766 & SBI 16	Route: (OLD US 66)	Marked: HISTORIC RTE. 66	
	Section: RS, R	Project No.: NA	
	County: MONTGOMERY & MACOUPIN	Contract No.: 72526	

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10-....., issued by the Illinois Environmental Protection Agency for storm water discharges from Construction Site Activities.

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.

Chris M. Reed
(Signature)

3/30/06
(Date)

DEPUTY DIRECTOR
(Title)

SITE DESCRIPTION

Description of Construction Activity:

- The proposed project consists of 13.31 miles of improvements to an existing two lane and four lane roadway.
- Construction consists of resurfacing, pavement reconstruction, intersection improvements, traffic signals, culvert repair, ditch shaping, and other miscellaneous work to complete construction of the proposed improvements.

Description of Intended Sequence of Major Construction Activities Which Will Disturb Earth and Lead to Possible Erosion for Major Portions of the Construction Site:

- Pavement removal at grading of north bound lanes for pavement reconstruction.
- Repair and replacement of drainage culverts.
- Pavement removal, grading and storm sewer installation at the railroad subway area.
- Pavement removal, excavation, and grading for improvements at IL 138 intersection.
- Shaping and grading of shoulder edges during resurfacing.
- Shaping and grading of ditches and culvert outlets as shown in the plans.
- Placement, maintenance, removal and proper clean-up of temporary erosion control, such as erosion control fence, hay or straw bale ditch checks, temporary seeding, etc.
- Placement of permanent erosion control, such as riprap ditch lining, excelsior blanket, seeding, etc.
- Final grading, paving and other miscellaneous items.

Area of Construction Site:

The total drainage area entering and including the construction site is estimated to be 1,500 acres in which 92 acres will be disturbed by excavation, grading or other activities.

Other Reports, Studies and Plans which Aid in the Development of this Storm Water Pollution Prevention Plan as Referenced Documents:

- Estimated run-off coefficients are contained in the project drainage study which were utilized for proposed placement of the temporary erosion control systems.
- Information on the soils within the site was obtained from field reviews which were utilized for proposed placement of the temporary erosion control systems.
- Site maps indicating drainage patterns and approximate slopes were contained in the project design report, USGS drainage maps, project drainage study, and project plan documents were all utilized for proposed placement of the temporary erosion control systems.

Drainage Tributaries Receiving Water from this Construction Site:

- Long Branch
- East Branch
- Panther Creek
- Lake Fork
- Grove Branch
- Silver Creek
- Sugar Creek
- East Creek
- Sugar Camp Creek

The following plan was established and included in these plans to direct the Contractor in the placement of temporary erosion control systems and to provide a storm water pollution prevention plan for compliance under NPDES. The Contractor shall abide to all requirements within this plan as part of the contract.

The purpose of this plan is to prevent / minimize siltation within the construction zone and to eliminate sediments from entering and leaving the construction zone by utilizing proper temporary erosion control systems and providing ground cover within a reasonable time.

Certain items, as shown in this plan and referenced by the legend, shall be placed by the Contractor at the beginning of construction. Other items shall be placed by the Contractor as directed by the Engineer on a case by case situation resulting from the Contractor's sequence of activities, time of the year, and expected weather conditions.

The Contractor shall place permanent erosion control systems and seeding within a reasonable amount of time; therefore, reducing the amount of area being open to the possibility of erosion and reducing the amount of temporary erosion control systems and temporary seeding. The Resident Engineer will determine if temporary erosion control systems shown in the plan can be deleted, the size of the proposed ditch checks, the proper method of installation, and if any additional temporary erosion control systems shall be added which are not included in this plan. The Contractor shall perform all work as directed by the Engineer and as shown in special details and in Standard 280001 of the plans.

The special provisions Temporary Seeding, Temporary Erosion Control Seeding, and Temporary Erosion Control additionally supplement this plan.

All disturbed areas having high potential for erosion, as determined by the Engineer, shall be temporarily seeded or permanently seeded by October 1st of each construction year and shall not be reopened until after the winter shutdown period.

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: NONE
DATE: 2/8/2006

DRAWN BY: MLB
CHECKED BY: FML

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	117
FED. ROAD DIST. NO.			ILLINOIS	FED. AID PROJECT
* FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66) ** MONTGOMERY & MACOUPIN				

CONTRACT NO. 72526

CONTROLS - EROSION CONTROLS AND SEDIMENT CONTROLS

Description of Stabilization Practices at the Beginning of Construction:

1. The area between the existing and proposed right-of-way/temporary easement boundaries and limits of the project will be improved and managed for the purposes of controlling erosion within the area, reducing water flow by temporary diversion and minimizing siltation into the construction zone, and establishing vegetative cover which will become permanent vegetation and act as an erosion barrier. Work at the beginning of construction will consist of the following:
 - (a) Areas of existing vegetation (woods and grasslands) outside the proposed construction slope limits shall be identified for preserving and shall be protected from mowing, brush cutting, tree removal and other activities which would be detrimental to their maintenance and development.
 - (b) Dead, diseased, or unsuitable vegetation within the site shall be removed as directed by the Engineer, along with required tree removal.
 - (c) As soon as reasonable access is available (such as trees cleared) to all locations where water drains away from the project, sediment basins, riprap ditch checks, temporary ditch checks, and/or erosion control fence shall be installed as called out in this plan and directed by the Engineer.
 - (d) Bare and sparsely vegetated ground in highly erodible areas as determined by the Engineer shall be temporarily seeded at the beginning of construction where no construction activities are immediately expected as stated in section 280 of the standard specification for "temporary erosion control seeding".
 - (e) Immediately after tree removal is completed in certain areas which are highly erodible areas as determined by the Engineer, the areas shall be temporarily seeded where no construction activities are immediately expected as stated in the special provision "Temporary Erosion Control Seeding".
 - (f) At locations where a significant amount of water drains into the construction zone from outside areas (adjacent landowners), erosion control fence, temporary ditch checks, or riprap ditch checks will be utilized to locally divert water, reduce flow rates, and collect outside siltation inside the right-of-way line. Erosion control items will not be allowed to be installed to cause flooding to upstream private property which could cause crop damages or other undesirable conditions.
2. Establishment of these temporary erosion control measures will have additional benefits to the project. Desirable grass seed will become established in these areas and will spread seeds onto the construction site until permanent seeding/mowing and overseeding can be complete.
3. A third benefit of these filter areas is that they will begin to provide a screen and buffer. They will help protect the construction site from winds and excess sun and mitigate construction noise and dust.

Description of Stabilization Practices During Construction:

1. During roadway construction, areas outside the construction slope limits as outlined previous herein shall be protected from damaging effects of construction. The Contractor shall not use this area for staging (except as designated on the plans or directed by the Engineer), parking of vehicles or construction equipment, storage of materials, or other construction related activities.
 - (a) Within the construction zone, critical areas which have high flows of water as determined by the Engineer shall remain undisturbed until full scale construction is underway to prevent unnecessary soil erosion.
 - (b) Top soil and earth stockpiles shall be temporarily seeded if they are to remain unused for more than fourteen days.
 - (c) As the Contractor constructs a portion of roadway in a fill section, he/she shall follow the following steps as directed by the Engineer:
 - i. Place temporary erosion control systems at locations where water leaves and enters the construction zone
 - ii. Temporary seed highly erodible areas outside the construction slope limits
 - iii. Construct roadside ditches and provide temporary erosion control systems
 - iv. Temporary divert water around proposed culvert locations
 - v. Build necessary embankment at culvert locations and then excavate and place culvert
 - vi. Continue building up the embankment to the proposed grade while at the same time place permanent erosion control such as riprap ditch lining and conduct final shaping to the slopes
 - (d) The Contractor shall immediately follow major earth moving operations with final grading equipment. After the major earth spread operation has moved to a new location, final grading shall be completed within fourteen days. If grading is not completed within fourteen days, all major earth moving operations will be stopped, as directed by the Engineer, until disturbed areas are final graded and seeded.
 - (e) Excavated areas and embankments shall be permanently seeded when final graded. If not, they shall be temporarily seeded as stated in section 280 of the standard specifications for "temporary erosion control seeding".

(f) Construction equipment shall be stored and fueled only at designated locations. All necessary measures shall be taken to contain any fuel or pollution run-off in compliance with EPA water quality regulations. Leaking equipment or supplies shall be immediately repaired or removed from the site.

(g) The Resident Engineer shall inspect the project daily during activities and weekly or after large rains during the winter shutdown period. 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 control work is necessary.

(h) Sediment collected during construction by the various temporary erosion control systems shall be disposed of on the site on a regular basis as directed by the Engineer. The cost of this maintenance will be paid for in accordance with Article 109.04 of the Standard Specifications.

(i) The temporary erosion control systems shall be removed as directed by the Engineer after use is no longer needed or no longer functioning. The costs of this removal shall be included in the unit bid price for the temporary erosion control system. No additional compensation will be allowed.

Description of Structural Practices After Final Grading:

1. Temporary erosion control systems shall be left in place with proper maintenance until permanent erosion control is in place and working properly and all proposed turf areas seeded and established with a proper stand.
2. Once permanent erosion control systems as proposed in the plans are functional and established, temporary items shall be removed, cleaned up, and disturbed turf reseeded. Temporary riprap ditch checks will be allowed to remain in place where approved by the Engineer.

Maintenance after Construction:

1. Construction is complete after acceptance is received at the final inspection.
2. Areas will be inspected on a regular basis by IDOT District 6 Bureau of Operations.
3. Maintenance crews will perform regular mowings to aid in keeping weeds down and establishing a good roadside seed stand.
4. Maintenance crews will also aid in any ditch lining maintenance or in any drainage problems.
5. All maintenance will be conducted at times when weather conditions will not cause site damage.

DOCUMENTATION

1. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, 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 4.b. shall be made and retained as part of the plan for at least three years after the date of inspection. The report shall be signed in accordance with part VI.G of the general permit.
2. 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 or Resident Technician shall complete and file an "Incident of Noncompliance (ION)" report for the identified violation. The Resident Engineer or Resident Technician shall use forms provided by the Illinois Environmental Protection Agency and shall include specific information on the 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 report of noncompliance shall be mailed to the following address:

Illinois Environmental Protection Agency
 Division of Water Pollution Control
 2200 Churchill Road, P.O. Box 19276
 Springfield, IL 62794-9276
 Attn: Compliance Assurance Section

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN

SCALE: NONE
 DATE: 2/8/2006

DRAWN BY: MLB
 CHECKED BY: FML

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	118
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)		** MONTGOMERY & MACOUPIN		

CONTRACT NO. 72526

CONTRACTOR CERTIFICATION STATEMENT

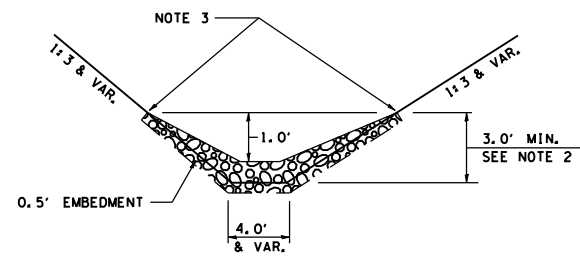
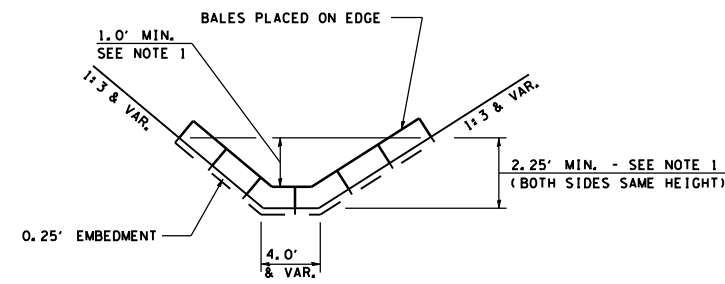
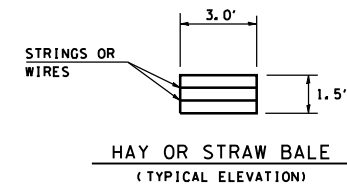
This certification statement is part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10 _____, issued by the Illinois Environmental Protection Agency on _____.

Route: FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66) Marked: HISTORIC RTE. 66
 Section: RS, R Project No.: NA
 County: MONTGOMERY & MACOUPIN Contract No.: 72526

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR 10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signature _____ Date _____
 Title _____
 Name of Firm _____
 Street Address _____
 City, State, Zip _____
 Phone Number _____

Note: The above boxed in area shall be filled out by the Contractor after the award of the contract to obtain the required NPDES Permit from IEPA. This is a requirement for this contract.



- NOTE 1: BALES SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1.0' OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE BALES.
- NOTE 2: RIPRAP SHALL EXTEND FAR ENOUGH UP THE SLOPES TO ALLOW 1.0' OVERTOPPING TO AVOID ERODING AROUND THE EDGES OF THE RIPRAP.
- NOTE 3: ENDS SHALL BE TIED INTO SLOPES.

LEGEND FOR STORM WATER POLLUTION PREVENTION PLAN

ITEM	SYMBOL
AGGREGATE (EROSION CONTROL) [STONE DUMPED RIPRAP DITCH CHECKS (Height = 2.0')]	
TEMPORARY DITCH CHECKS (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
INLET PIPE PROTECTION (I&PP) (HAY OR STRAW BALE DITCH CHECKS OR APPROVED SUBSTITUTION)	
EROSION CONTROL FENCE	
EARTH EXCAVATION FOR EROSION CONTROL (SEDIMENT BASINS)	
PRESERVE EXISTING TREES, WOODLANDS, AND UNDERSTORY (OUTSIDE CONSTRUCTION LIMITS)	
ITEM PLACED AT BEGINNING OF CONSTRUCTION (Requirement)	* ITEM *
ITEM PLACED AS DIRECTED BY ENGINEER (When required by situation)	ITEM
DIRECTION OF OVERLAND FLOW	

GENERAL NOTES:
 All items shall be constructed as shown on this sheet, on Standard 280001, and as directed by the Engineer.
 The symbology on the STORM WATER POLLUTION PREVENTION PLAN sheets does not represent the size or quantity of bales, for number of bales refer to details and notes shown on this sheet and/or as directed by the Engineer.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORM WATER POLLUTION PREVENTION PLAN
 SCALE: NONE
 DATE: 2/8/2006
 DRAWN BY: MLB
 CHECKED BY: FML

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	*	302	119

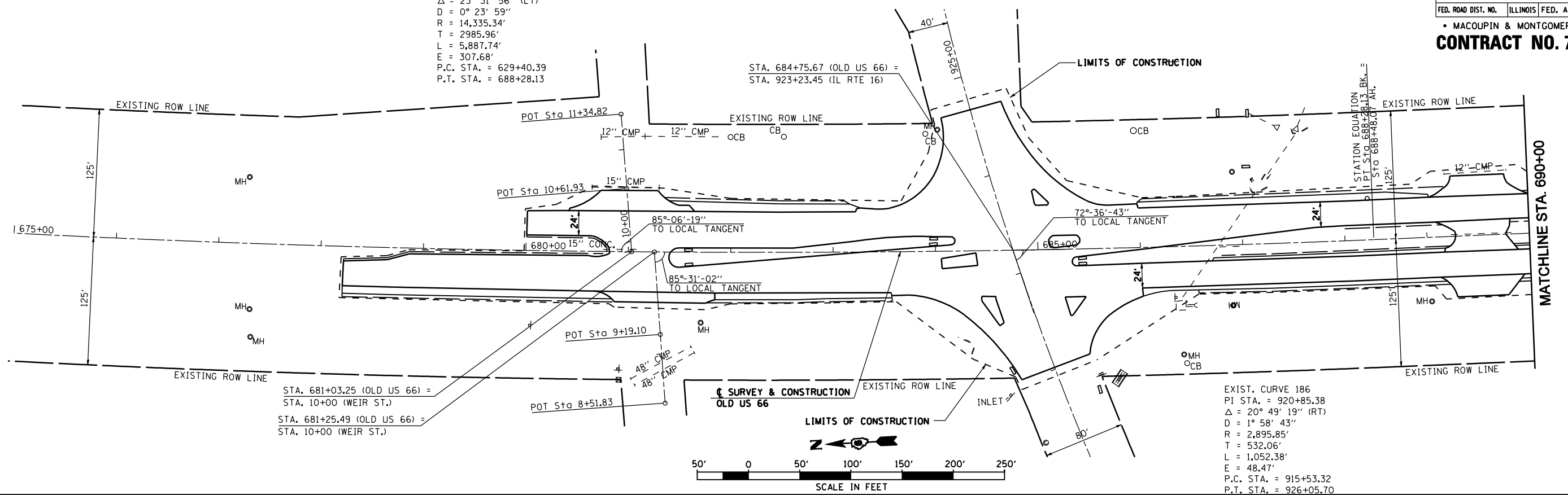
STA. 675+00 TO STA. 705+00
ILLINOIS FED. AID PROJECT

MACOUPIN & MONTGOMERY COUNTIES

CONTRACT NO. 72526

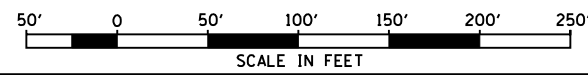
EXIST. CURVE 659
PI STA. = 659+26.36
 $\Delta = 23^\circ 31' 56''$ (LT)
D = $0^\circ 23' 59''$
R = 14,335.34'
T = 2985.96'
L = 5,887.74'
E = 307.68'
P.C. STA. = 629+40.39
P.T. STA. = 688+28.13

SEC 32, T 9 N, R 5 W, 3RD PM



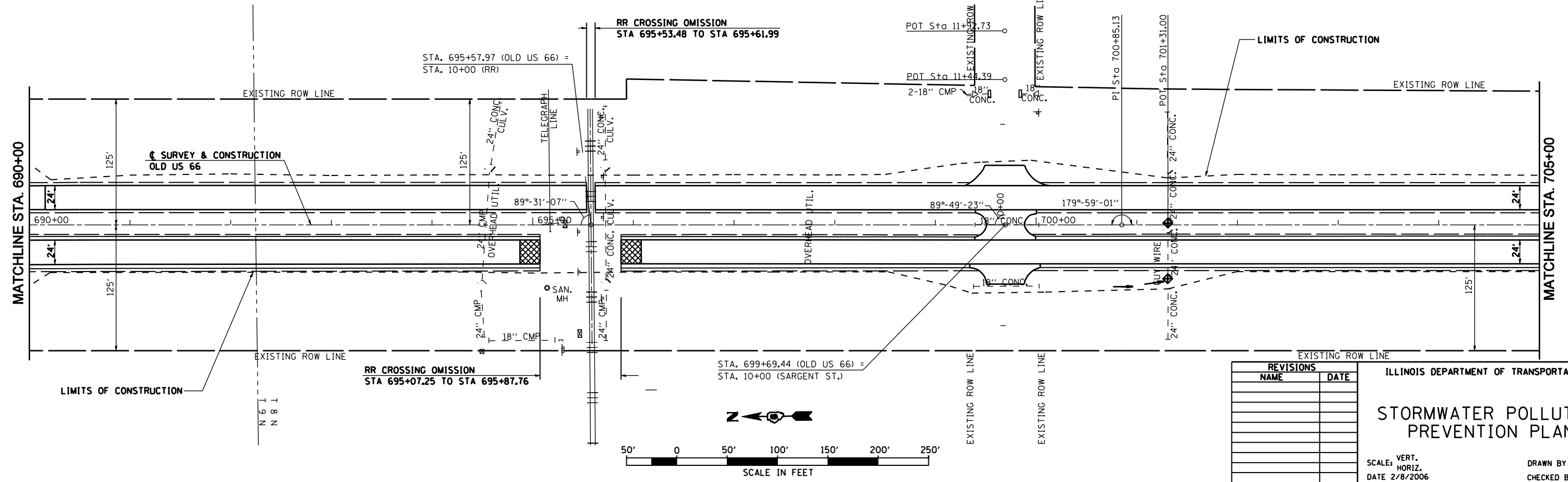
STA. 681+03.25 (OLD US 66) = STA. 10+00 (WEIR ST.)
STA. 681+25.49 (OLD US 66) = STA. 10+00 (WEIR ST.)

EXIST. CURVE 186
PI STA. = 920+85.38
 $\Delta = 20^\circ 49' 19''$ (RT)
D = $1^\circ 58' 43''$
R = 2,895.85'
T = 532.06'
L = 1,052.38'
E = 48.47'
P.C. STA. = 915+53.32
P.T. STA. = 926+05.70

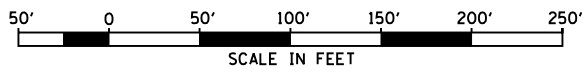


SEC 32, T 9 N, R 5 W, 3RD PM

SEC 5, T 8 N, R 5 W, 3RD PM



RR CROSSING OMISSION
STA 695+07.25 TO STA 695+87.76

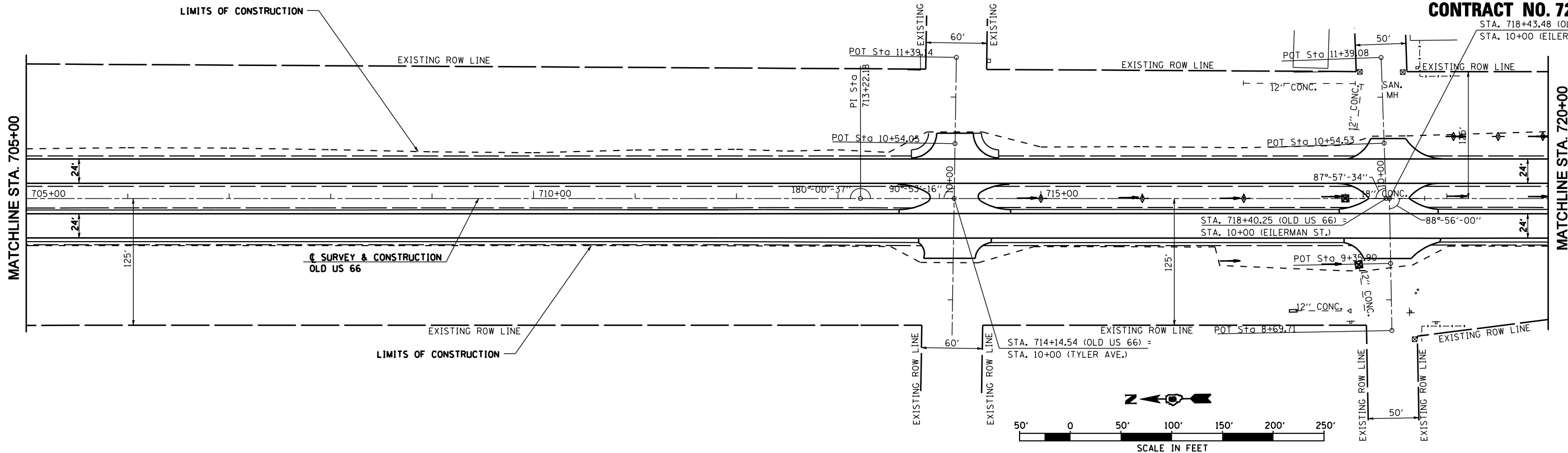


REVISIONS	
NAME	DATE

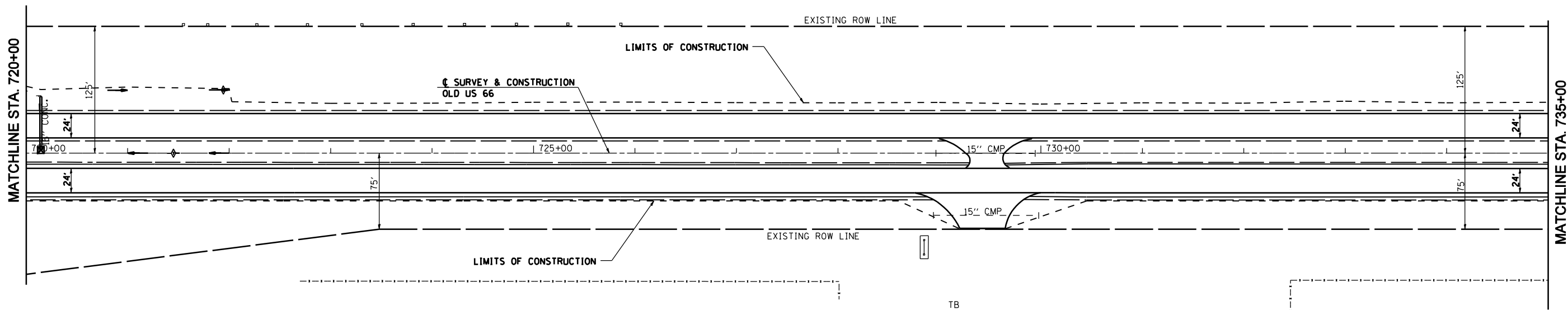
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
SCALE: VERT. HORIZ. DATE 2/8/2006
DRAWN BY TJD
CHECKED BY AWM

SEC 5, T 8 N, R 5 W, 3RD PM

F.A.U. RTE. 8239	SECTION RS,R	COUNTY •	TOTAL SHEETS 302	SHEET NO. 120
STA. 705+00		TO STA. 735+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
STA. 718+43.48 (OLD US 66) = STA. 10+00 (EILERMAN ST.)				



SEC 5, T 8 N, R 5 W, 3RD PM



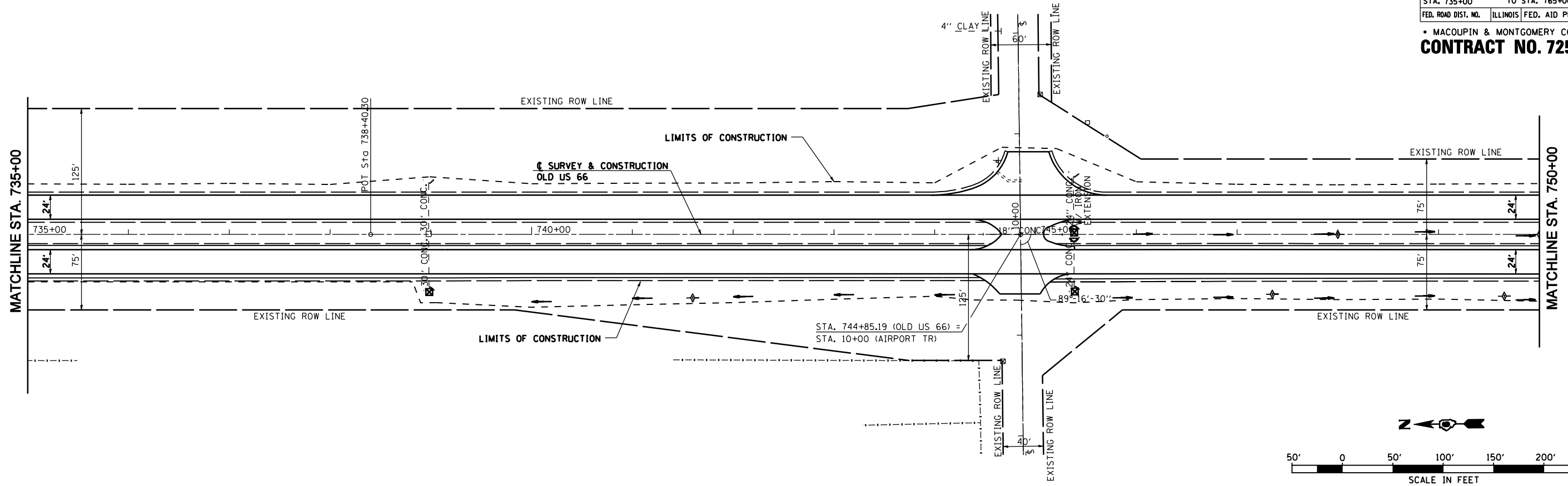
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. _____
 HORIZ. _____
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

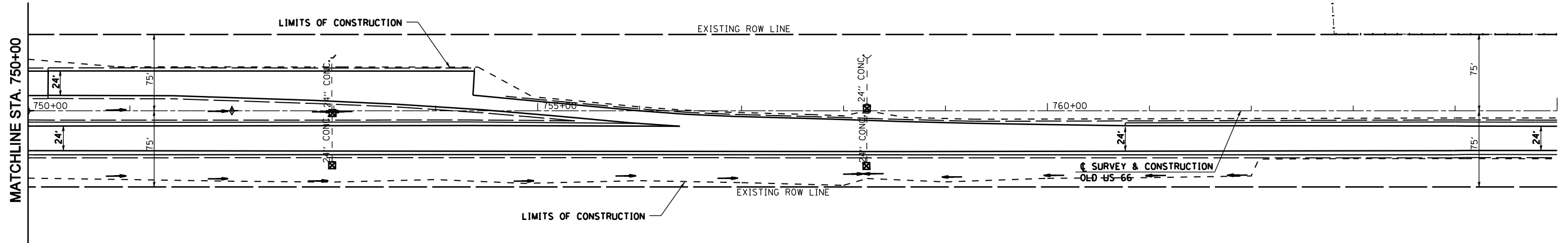
SEC 5, T 8 N, R 5 W, 3RD PM

SEC 8, T 8 N, R 5 W, 3RD PM

F.A.U. RTE. 8239	SECTION RS,R	COUNTY •	TOTAL SHEETS 302	SHEET NO. 121
STA. 735+00		TO STA. 765+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 8, T 8 N, R 5 W, 3RD PM



REVISIONS	
NAME	DATE

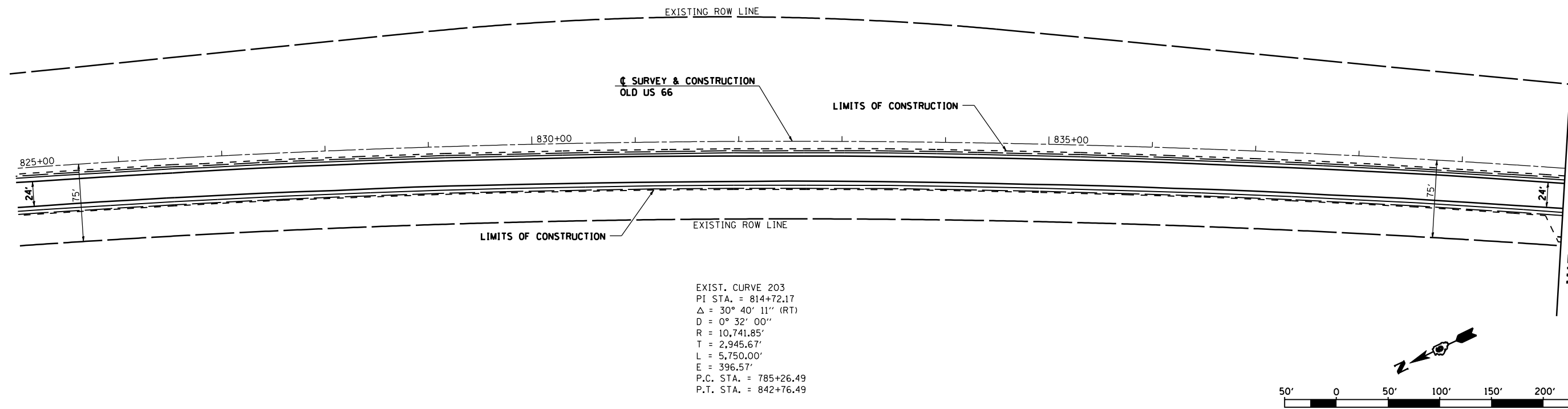
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. _____
 HORIZ. _____
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

SEC 17, T 8 N, R 5 W, 3RD PM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS,R	.	302	122

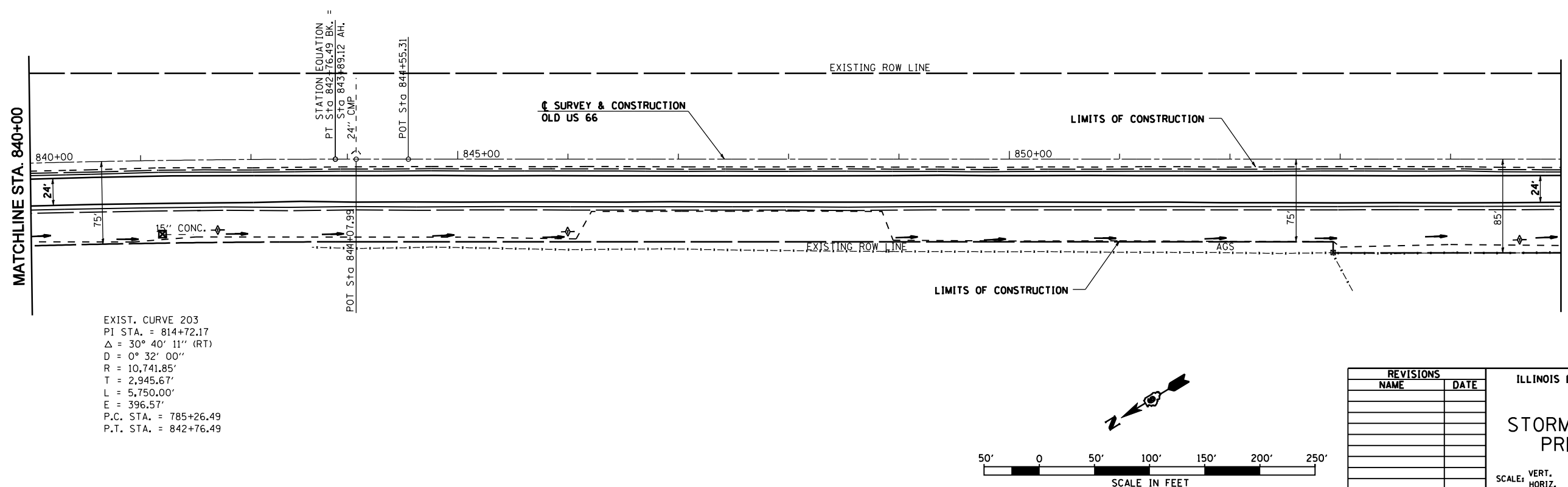
STA. 825+00	TO STA. 855+00
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

• MACOUPIN & MONTGOMERY COUNTIES
CONTRACT NO. 72526



EXIST. CURVE 203
 PI STA. = 814+72.17
 $\Delta = 30^\circ 40' 11''$ (RT)
 $D = 0^\circ 32' 00''$
 $R = 10,741.85'$
 $T = 2,945.67'$
 $L = 5,750.00'$
 $E = 396.57'$
 P.C. STA. = 785+26.49
 P.T. STA. = 842+76.49

SEC 17, T 8 N, R 5 W, 3RD PM



EXIST. CURVE 203
 PI STA. = 814+72.17
 $\Delta = 30^\circ 40' 11''$ (RT)
 $D = 0^\circ 32' 00''$
 $R = 10,741.85'$
 $T = 2,945.67'$
 $L = 5,750.00'$
 $E = 396.57'$
 P.C. STA. = 785+26.49
 P.T. STA. = 842+76.49

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

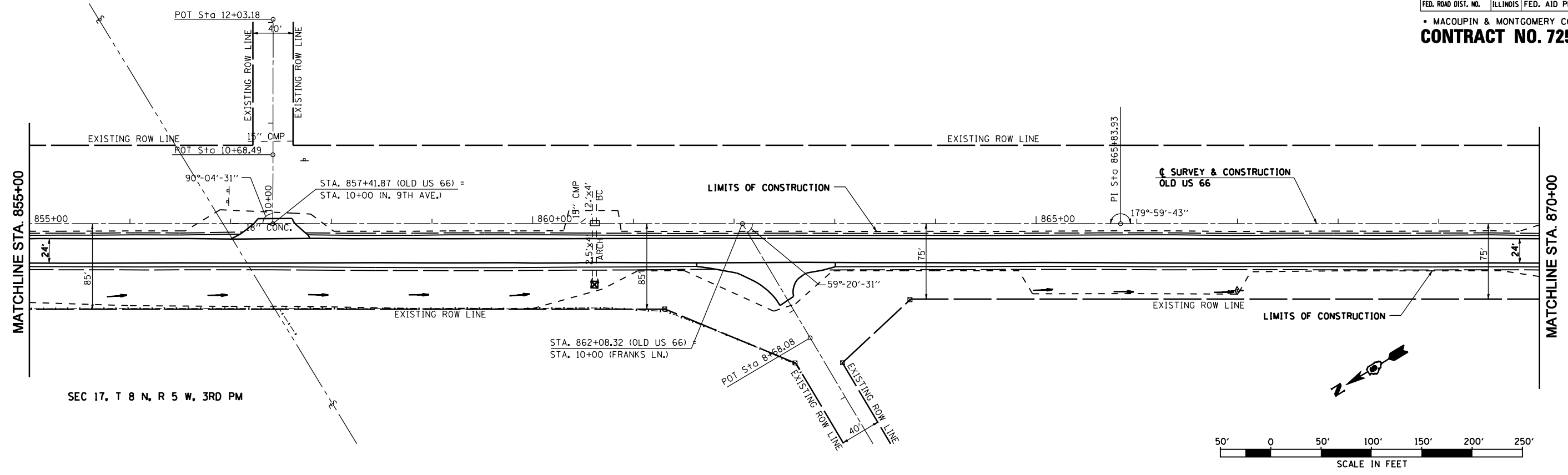
STORMWATER POLLUTION PREVENTION PLAN

SCALE: VERT. HORIZ. DATE 2/8/2006

DRAWN BY TJD
 CHECKED BY AWM

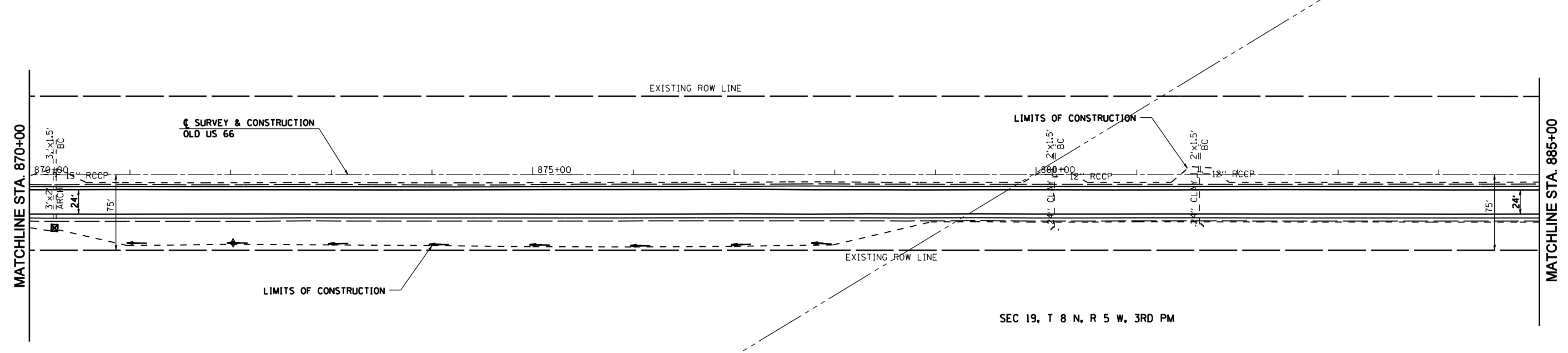
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS,R	.	302	123
STA. 855+00		TO STA. 885+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 20, T 8 N, R 5 W, 3RD PM



SEC 17, T 8 N, R 5 W, 3RD PM

SEC 20, T 8 N, R 5 W, 3RD PM



SEC 19, T 8 N, R 5 W, 3RD PM

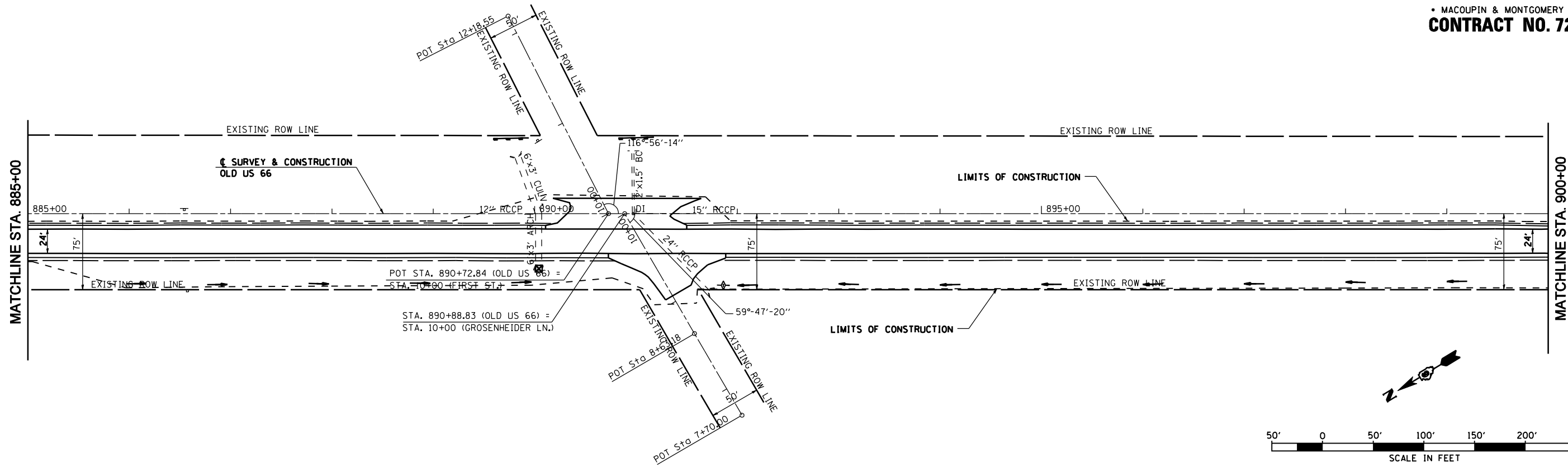
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. HORIZ. DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

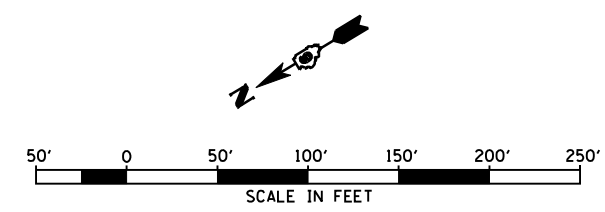
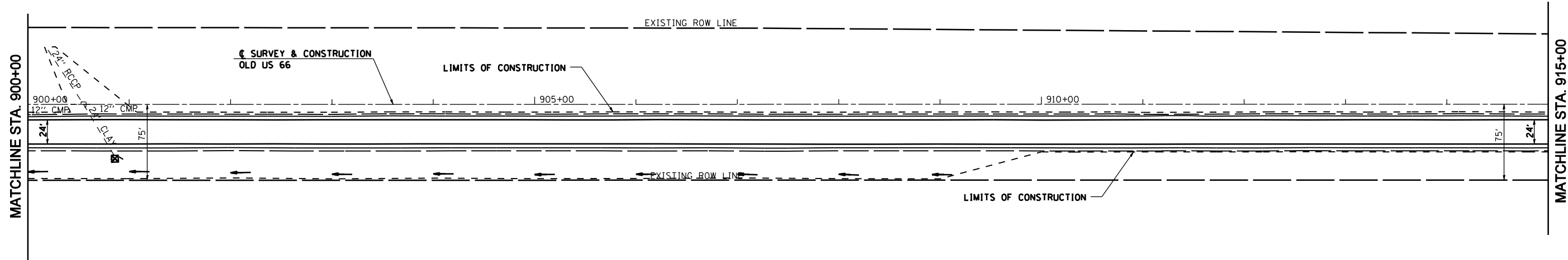
OLD ROUTE 66 STA. 855+00 TO STA. 885+00

SEC 19, T 8 N, R 5 W, 3RD PM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS,R	.	302	124
STA. 885+00		TO STA. 915+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 19, T 8 N, R 5 W, 3RD PM



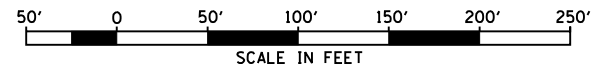
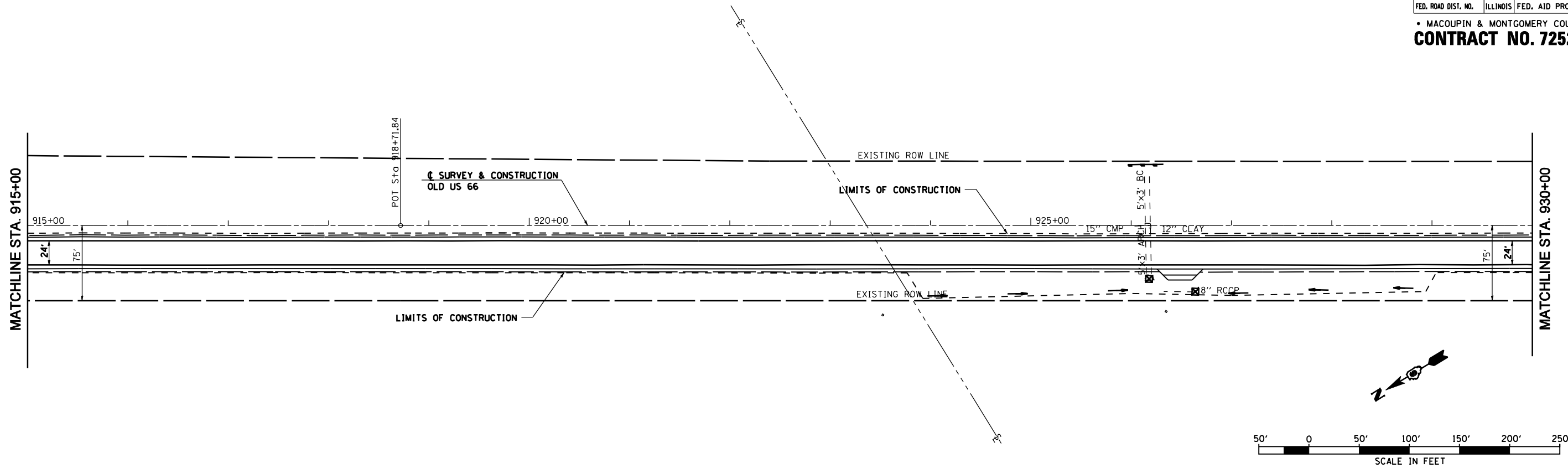
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. _____
 HORIZ. _____
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

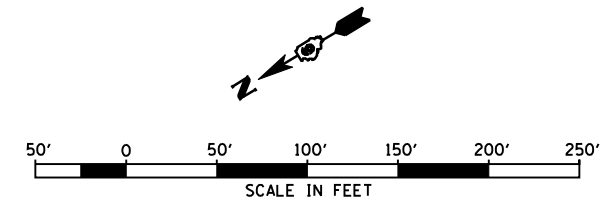
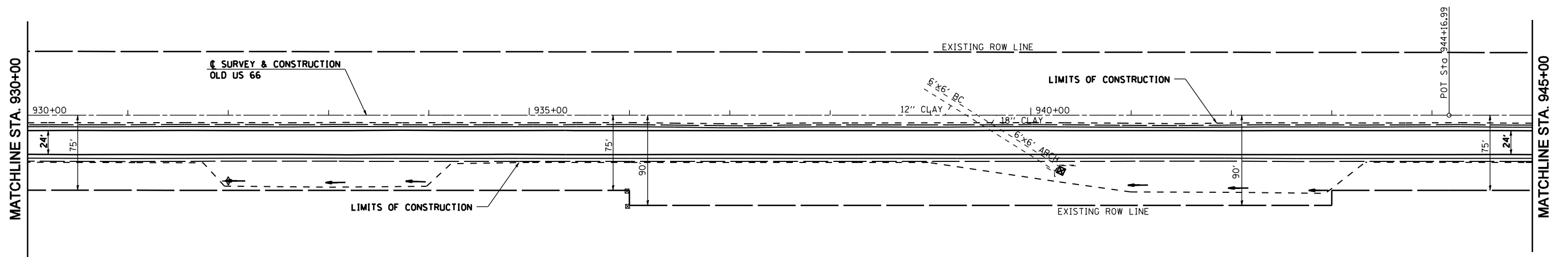
SEC 19, T 8 N, R 5 W, 3RD PM

SEC 30, T 8 N, R 5 W, 3RD PM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS,R	.	302	125
STA. 915+00		TO STA. 945+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 30, T 8 N, R 5 W, 3RD PM

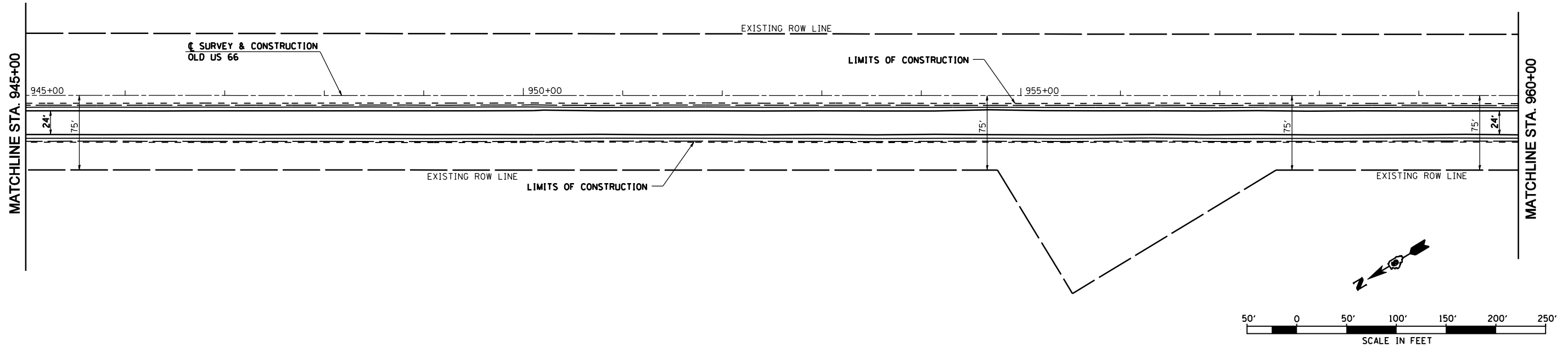


REVISIONS	
NAME	DATE

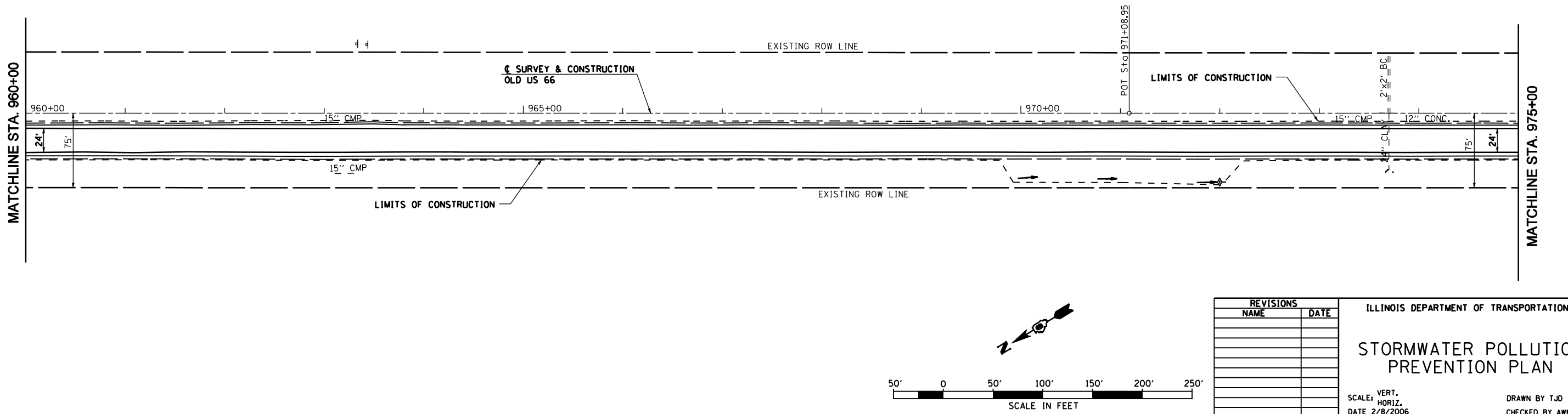
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. _____
 HORIZ. _____
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

SEC 30, T 8 N, R 5 W, 3RD PM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS,R	.	302	126
STA. 945+00		TO STA. 975+00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 30, T 8 N, R 5 W, 3RD PM



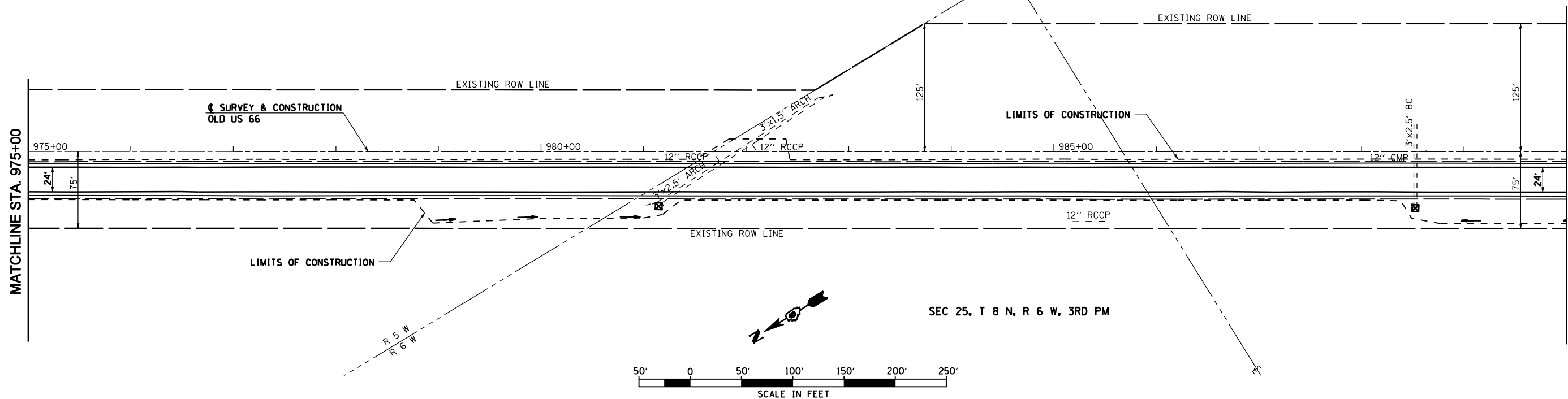
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. 1"=20'
 HORIZ. 1"=40'
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

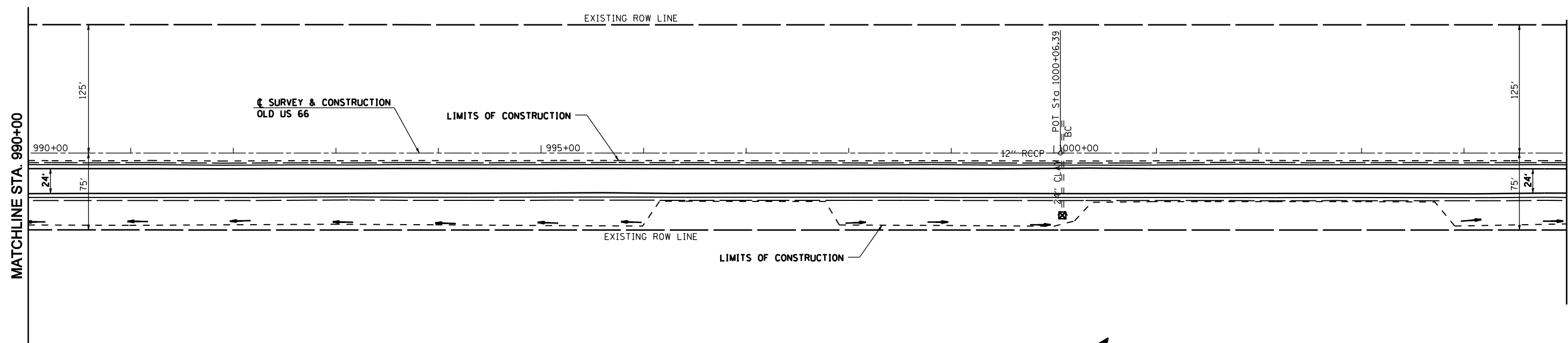
SEC 30, T 8 N, R 5 W, 3RD PM

SEC 36, T 8 N, R 6 W, 3RD PM

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	RS,R	.	302	127
STA. 975+00		TO STA. 1005+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES		** FAS 1767 & FAS 1766		
CONTRACT NO. 72526				



SEC 36, T 8 N, R 6 W, 3RD PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

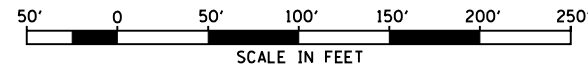
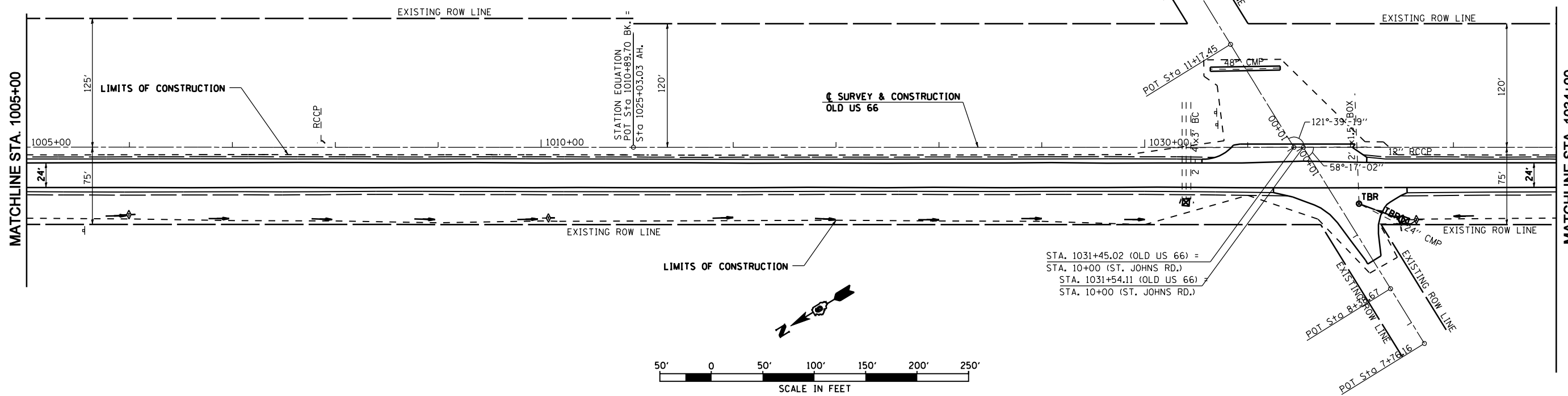
STORMWATER POLLUTION PREVENTION PLAN

SCALE: VERT. HORIZ. DATE 2/8/2006

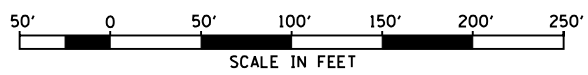
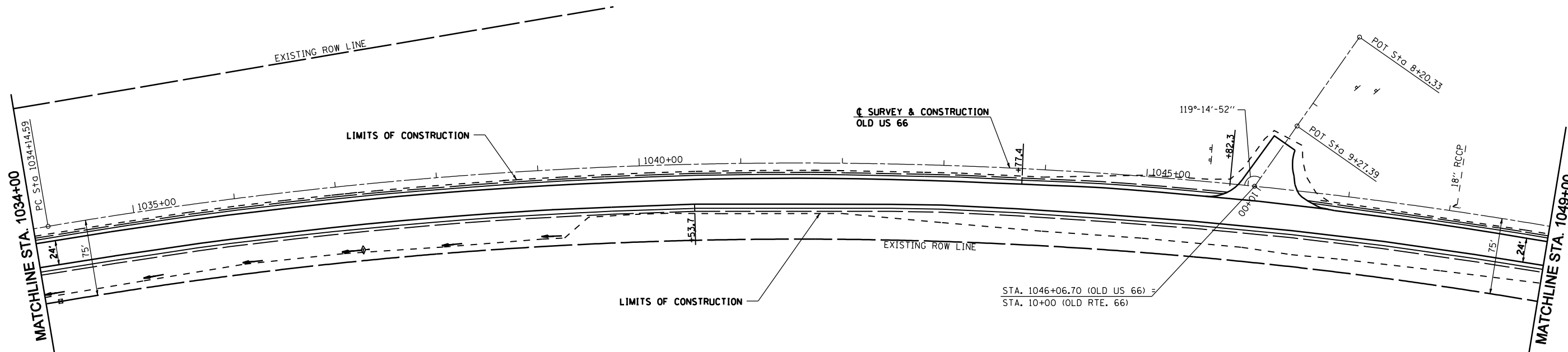
DRAWN BY TJD CHECKED BY AWM

SEC 36, T 8 N, R 6 W, 3RD PM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	128
STA. 1005+00		TO STA. 1049+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 36, T 8 N, R 6 W, 3RD PM



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

STORMWATER POLLUTION PREVENTION PLAN

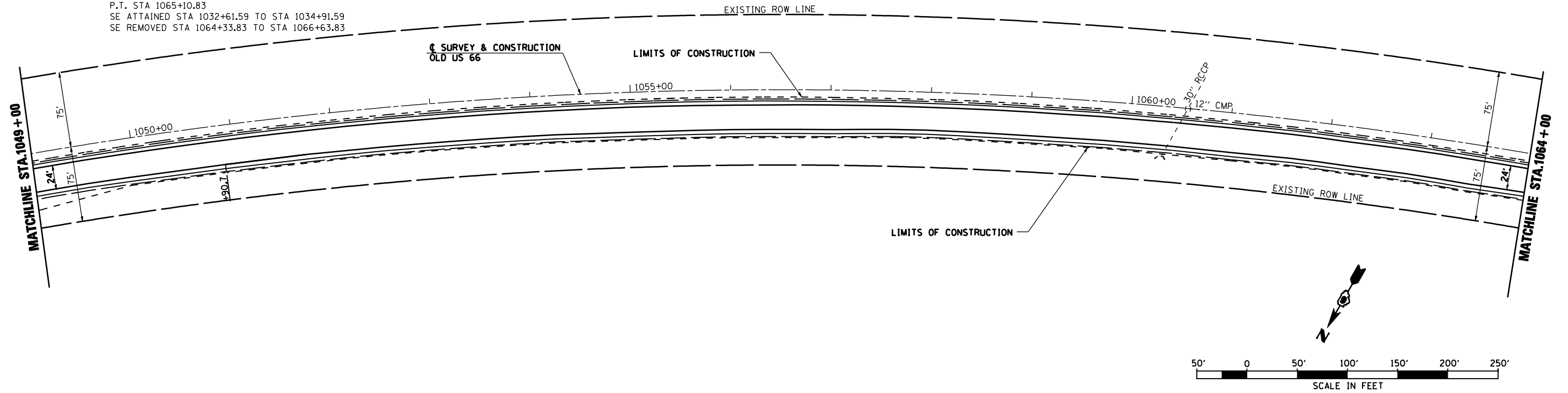
SCALE: VERT. HORIZ. DATE 2/8/2006

DRAWN BY TJD
CHECKED BY AWM

EXIST. CURVE 223
 PI STA. = 1050+29.69
 $\Delta = 40^\circ 15' 06''$ (RT)
 $D = 1^\circ 18' 00''$
 $R = 4,407.31'$
 $T = 1,615.10'$
 $L = 3,096.24'$
 $E = 286.61'$
 $e = 2.0\%$
 P.C. STA 1034+14.59
 P.T. STA 1065+10.83
 SE ATTAINED STA 1032+61.59 TO STA 1034+91.59
 SE REMOVED STA 1064+33.83 TO STA 1066+63.83

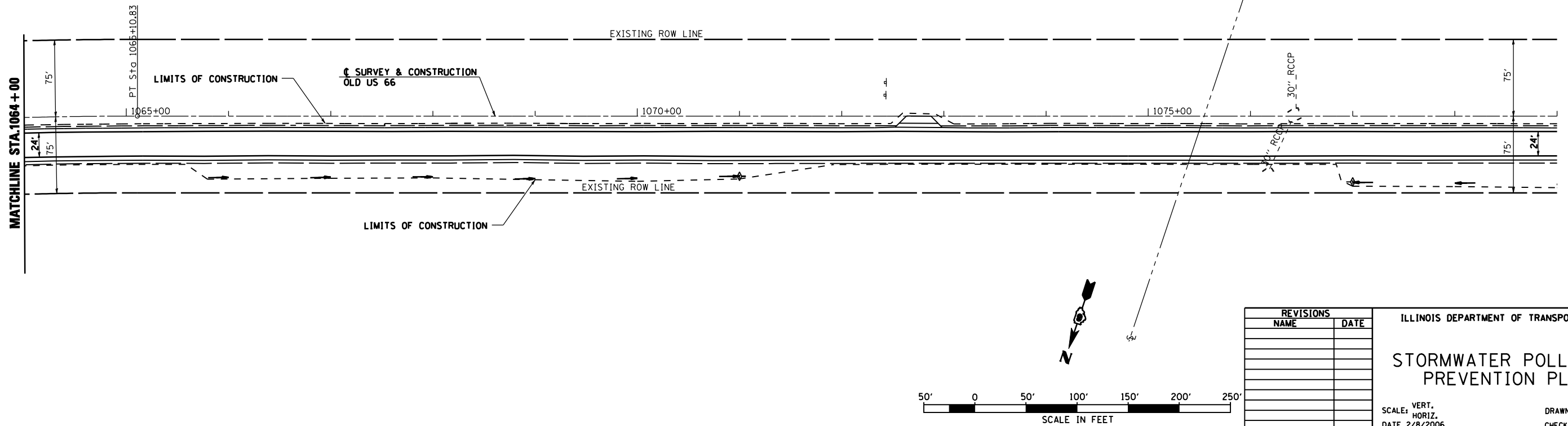
SEC 36, T 8 N, R 6 W, 3RD PM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	129
STA. 1049+00		TO STA. 1079+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



SEC 36, T 8 N, R 6 W, 3RD PM

SEC 35, T 8 N, R 6 W, 3RD PM

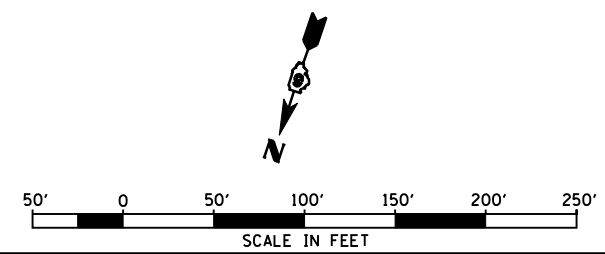
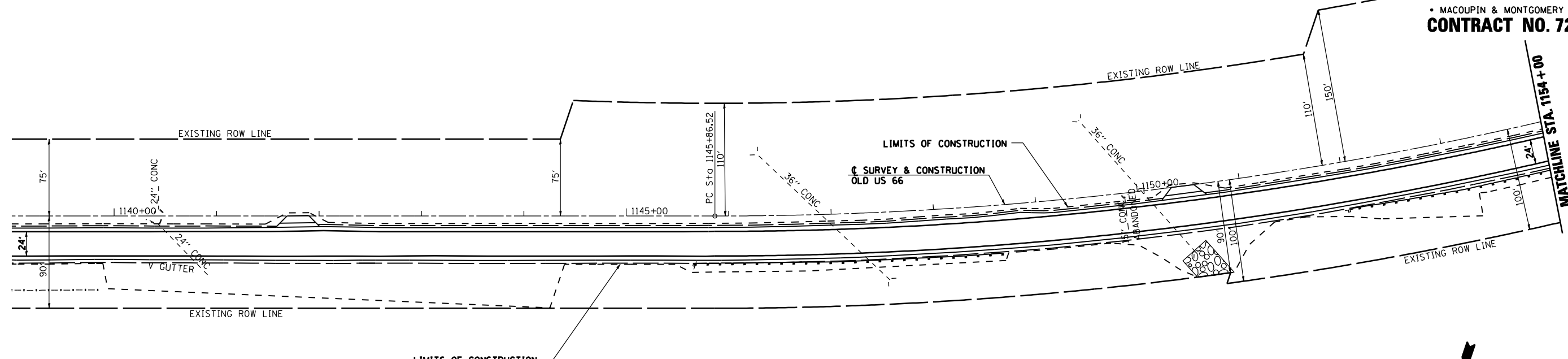


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ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. HORIZ.
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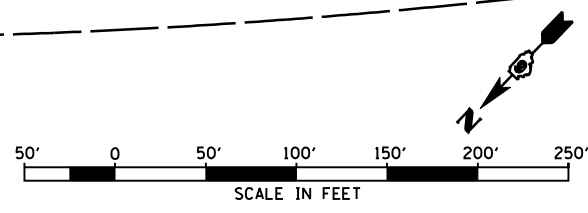
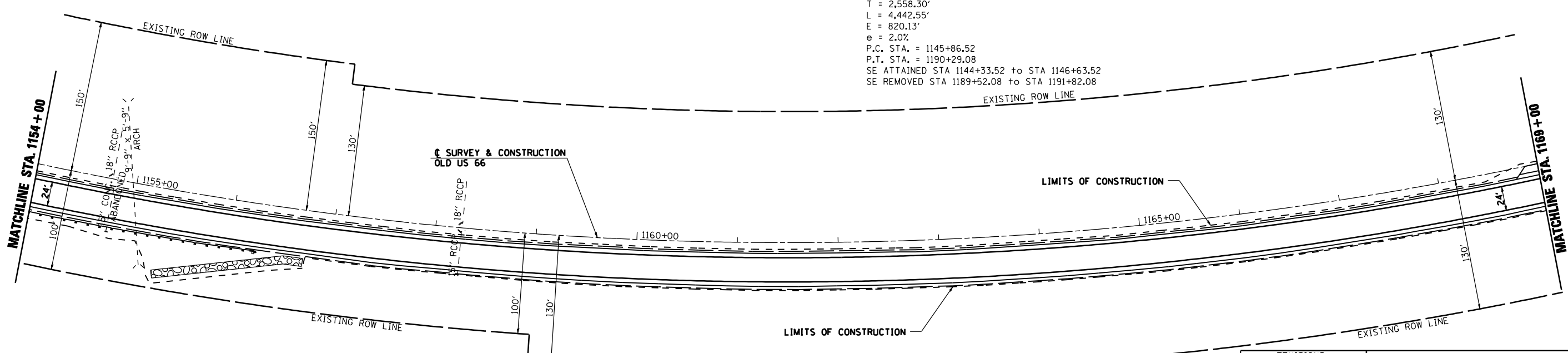
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	130
STA. 1139+00		TO STA. 1169+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 3, T 7 N, R 6 W, 3RD PM



SEC 3, T 7 N, R 6 W, 3RD PM

EXIST. CURVE 224
 PI STA. = 1171+44.82
 $\Delta = 71^\circ 05' 53''$ (LT)
 $D = 1^\circ 36' 01''$
 $R = 3,580.11'$
 $T = 2,558.30'$
 $L = 4,442.55'$
 $E = 820.13'$
 $e = 2.0\%$
 P.C. STA. = 1145+86.52
 P.T. STA. = 1190+29.08
 SE ATTAINED STA 1144+33.52 to STA 1146+63.52
 SE REMOVED STA 1189+52.08 to STA 1191+82.08

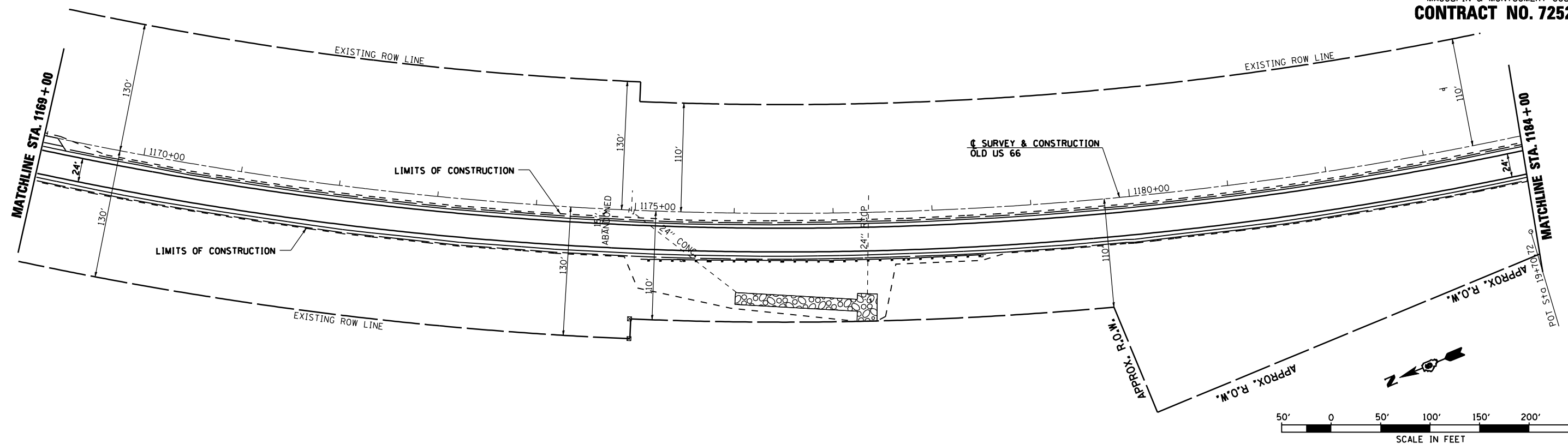


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ILLINOIS DEPARTMENT OF TRANSPORTATION
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 SCALE: VERT. HORIZ.
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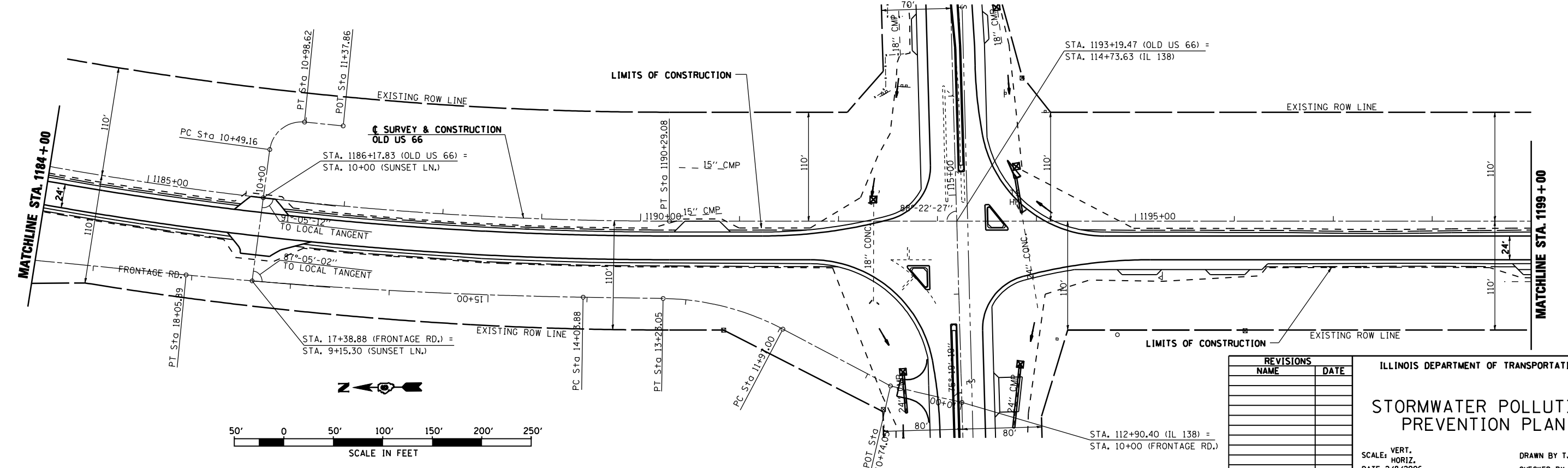
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	131
STA. 1169+00		TO STA. 1199+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 3, T 7 N, R 6 W, 3RD PM



SEC 3, T 7 N, R 6 W, 3RD PM

SEC 10, T 7 N, R 6 W, 3RD PM

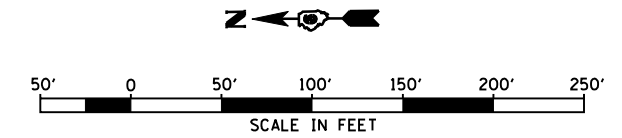
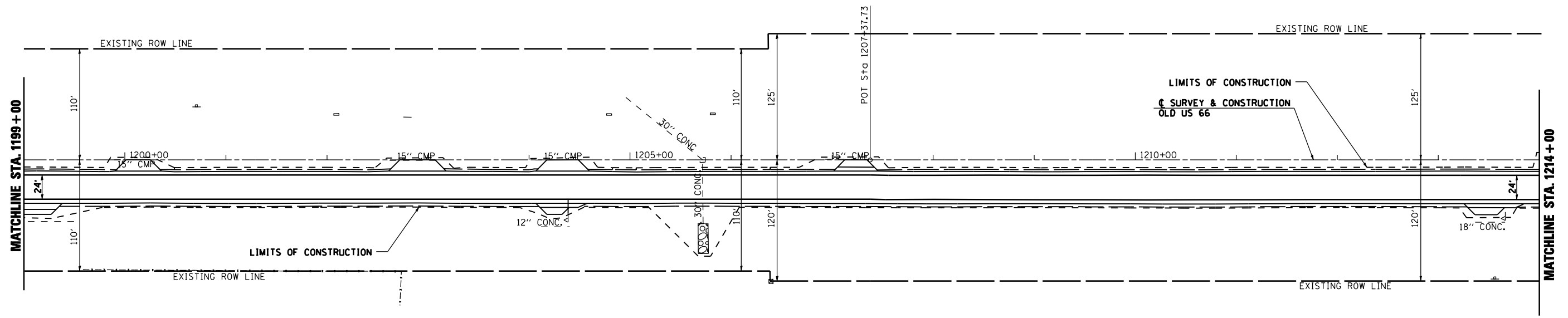


REVISIONS	
NAME	DATE

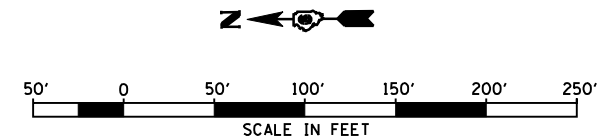
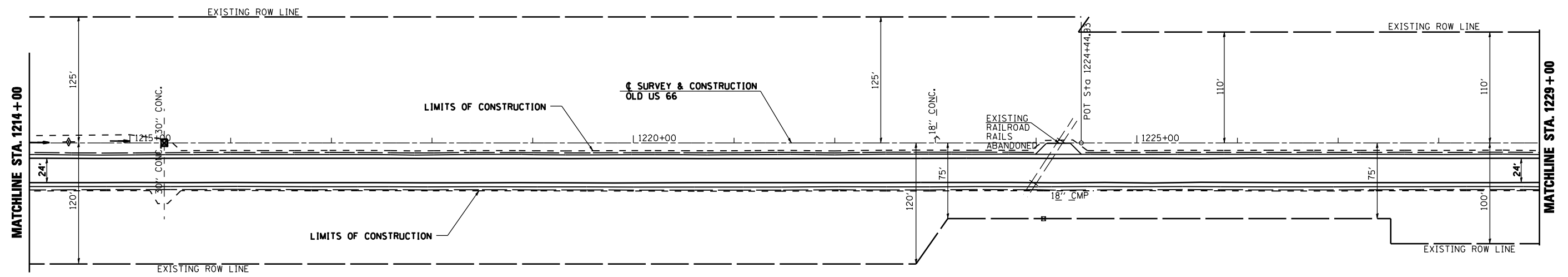
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. _____
 HORIZ. _____
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	132
STA. 1199+00		TO STA. 1229+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 10, T 7 N, R 6 W, 3RD PM



SEC 10, T 7 N, R 6 W, 3RD PM

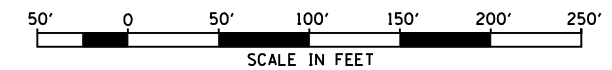
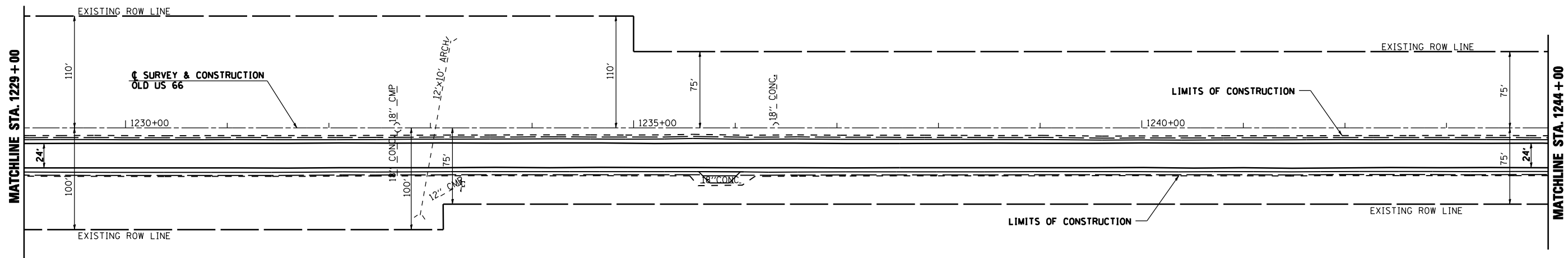


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. _____
 HORIZ. _____
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

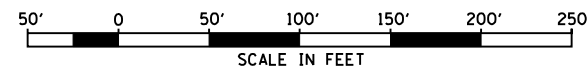
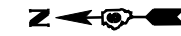
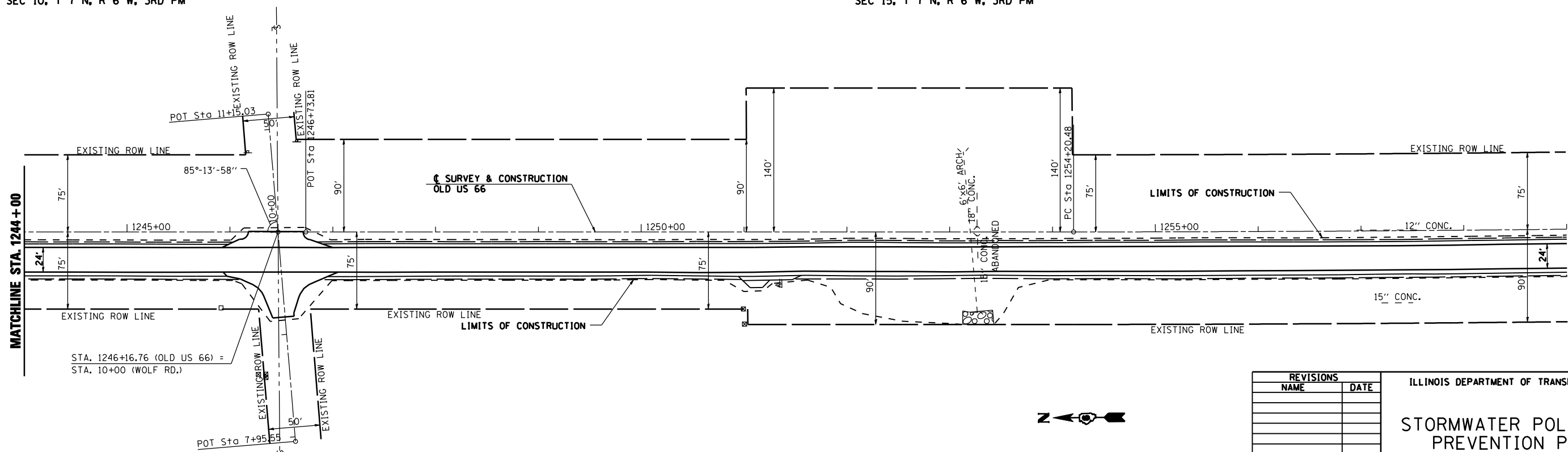
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	133
STA. 1229+00		TO STA. 1259+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 10, T 7 N, R 6 W, 3RD PM



SEC 10, T 7 N, R 6 W, 3RD PM

SEC 15, T 7 N, R 6 W, 3RD PM



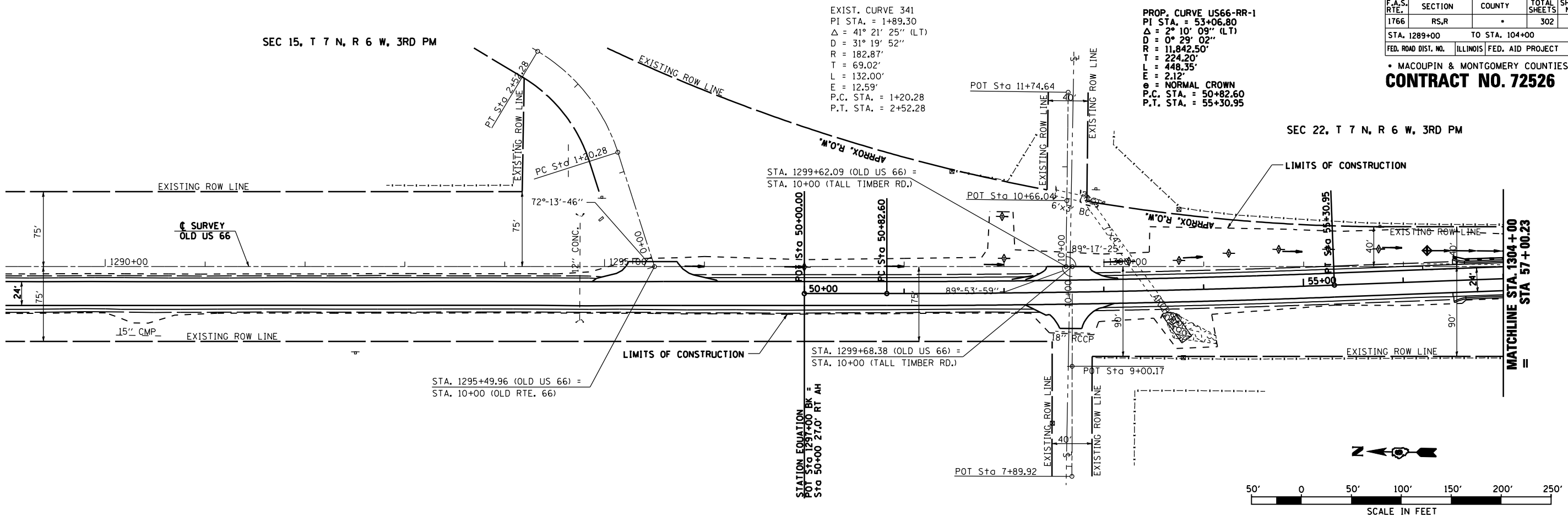
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. HORIZ. DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R		302	134
STA. 1289+00		TO STA. 104+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 15, T 7 N, R 6 W, 3RD PM

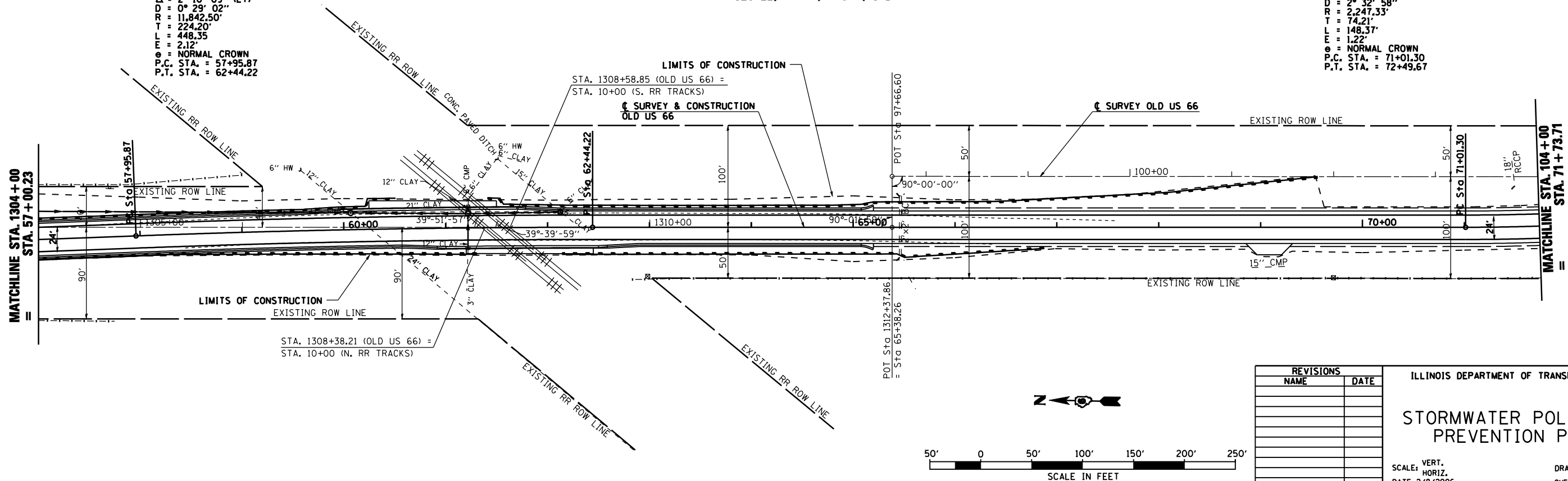
SEC 22, T 7 N, R 6 W, 3RD PM



PROP. CURVE US66-RR-2
 PI STA. = 60+20.07
 $\Delta = 2^\circ 10' 09''$ (LT)
 $D = 0^\circ 29' 02''$
 $R = 11,842.50'$
 $T = 224.20'$
 $L = 448.35'$
 $E = 2.12'$
 $\epsilon = \text{NORMAL CROWN}$
 P.C. STA. = 57+95.87
 P.T. STA. = 62+44.22

PROP. CURVE US66-RR-3
 PI STA. = 71+75.51
 $\Delta = 3^\circ 46' 58''$ (LT)
 $D = 2^\circ 32' 58''$
 $R = 2,247.33'$
 $T = 74.21'$
 $L = 148.37'$
 $E = 1.22'$
 $\epsilon = \text{NORMAL CROWN}$
 P.C. STA. = 71+01.30
 P.T. STA. = 72+49.67

SEC 22, T 7 N, R 6 W, 3RD PM



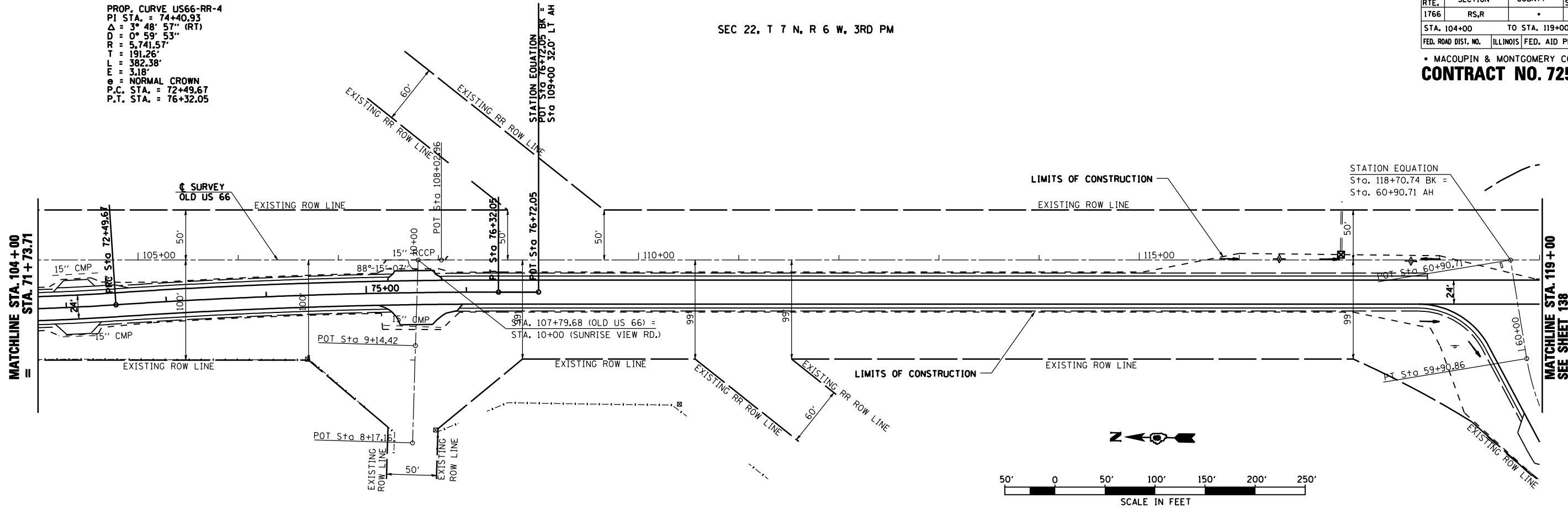
REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. HORIZ.
 DATE 2/8/2006
 DRAWN BY TJD
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PROP. CURVE US66-RR-4
 P.I. STA. = 74+40.93
 Δ = 3° 48' 57" (RT)
 D = 0° 59' 53"
 R = 5,741.57'
 T = 191.26'
 L = 302.38'
 e = 3.18'
 = NORMAL CROWN
 P.C. STA. = 72+49.67
 P.T. STA. = 76+32.05

SEC 22, T 7 N, R 6 W, 3RD PM

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1766	RS,R	.	302	135
STA. 104+00		TO STA. 119+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



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NAME	DATE

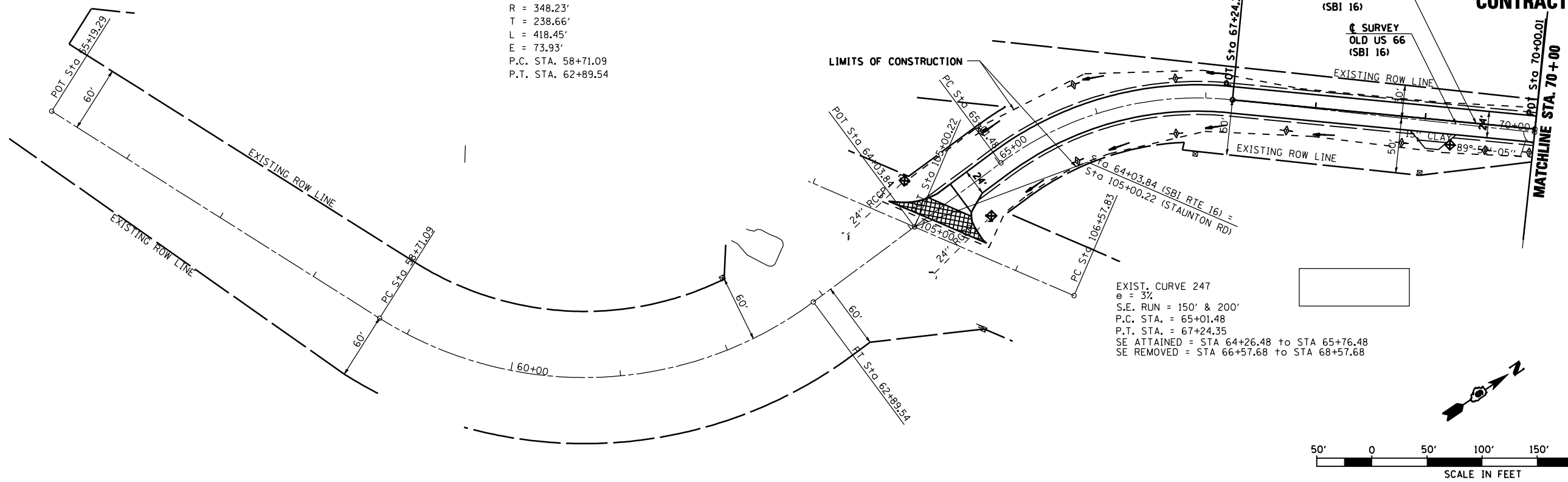
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
 SCALE: VERT. _____
 HORIZ. _____
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16	RS,R	*	302	136
STA. 55+00		TO STA. 1162+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

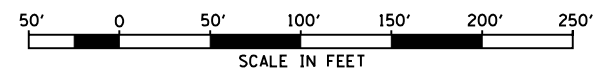
MACOUPIN & MONTGOMERY COUNTIES
CONTRACT NO. 72526

SEC 28, T 7 N, R 6 W, 3RD PM

EXIST. CURVE 248
 P.I. STA. 61+09.75
 $\Delta = 68^{\circ}50'56''$ (LT)
 $D = 16^{\circ}27'12''$
 $R = 348.23'$
 $T = 238.66'$
 $L = 418.45'$
 $E = 73.93'$
 P.C. STA. 58+71.09
 P.T. STA. 62+89.54

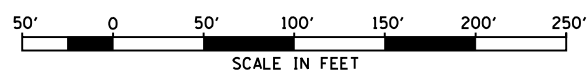
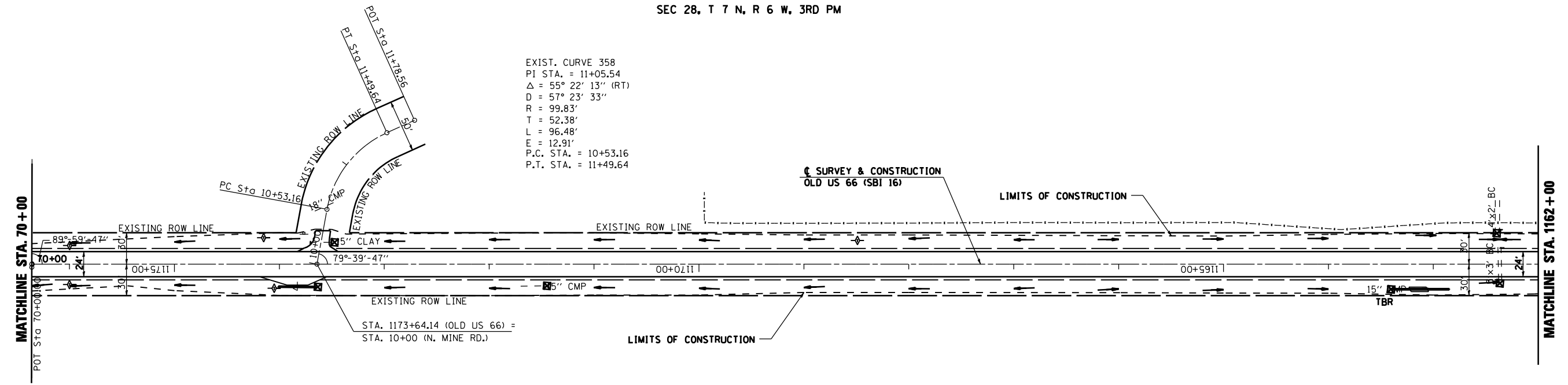


EXIST. CURVE 247
 $\theta = 37^{\circ}$
 S.E. RUN = 150' & 200'
 P.C. STA. = 65+01.48
 P.T. STA. = 67+24.35
 SE ATTAINED = STA 64+26.48 to STA 65+76.48
 SE REMOVED = STA 66+57.68 to STA 68+57.68



SEC 28, T 7 N, R 6 W, 3RD PM

EXIST. CURVE 358
 PI STA. = 11+05.54
 $\Delta = 55^{\circ}22'13''$ (RT)
 $D = 57^{\circ}23'33''$
 $R = 99.83'$
 $T = 52.38'$
 $L = 96.48'$
 $E = 12.91'$
 P.C. STA. = 10+53.16
 P.T. STA. = 11+49.64

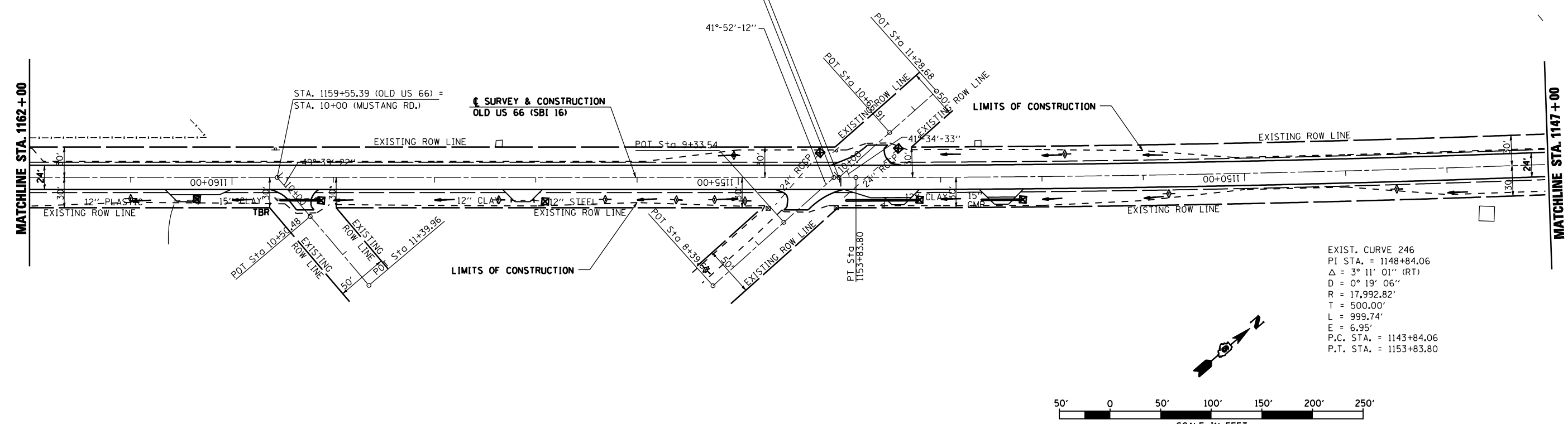


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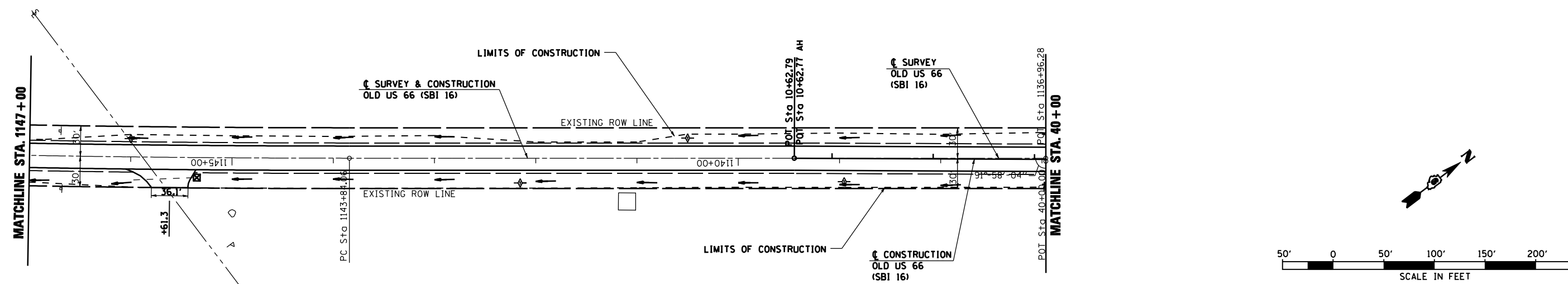
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
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 HORIZ. _____
 DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16	RS,R	.	302	137
STA. 1162+00		TO STA. 40+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

SEC 28, T 7 N, R 6 W, 3RD PM



SEC 21, T 7 N, R 6 W, 3RD PM



SEC 28, T 7 N, R 6 W, 3RD PM

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ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
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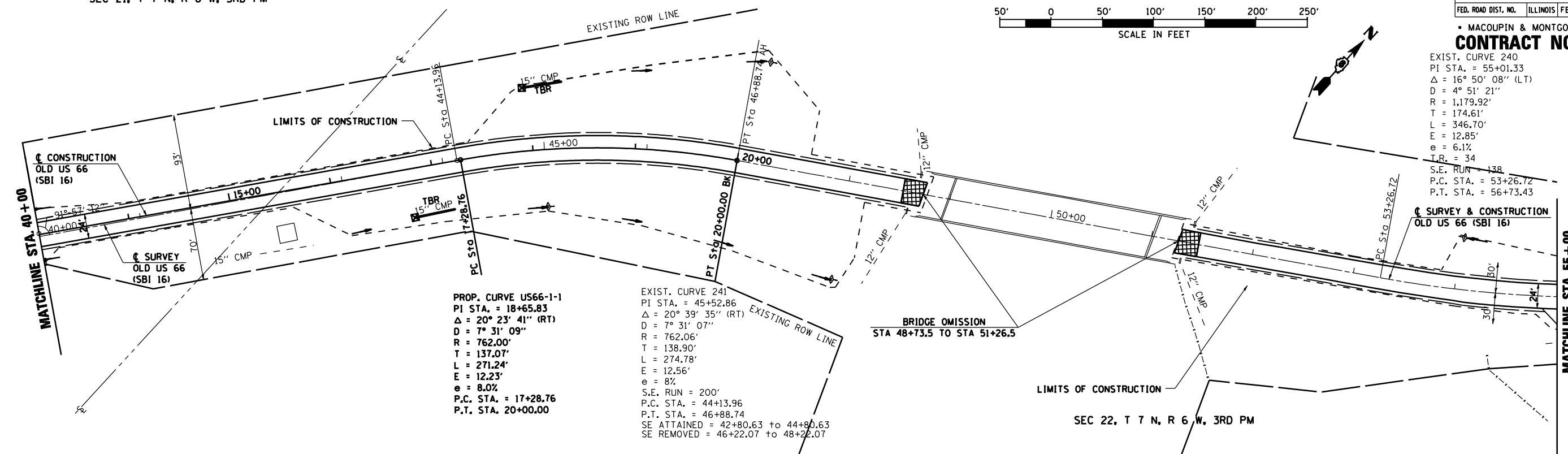
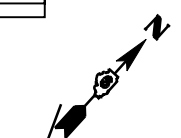
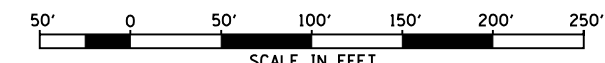
SEC 21, T 7 N, R 6 W, 3RD PM

S.B.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
16	RS,R		302	138

STA. 40+00 TO STA. 60+90.71
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

MACOUPIN & MONTGOMERY COUNTIES
CONTRACT NO. 72526

EXIST. CURVE 240
 PI STA. = 55+01.33
 $\Delta = 16^\circ 50' 08''$ (LT)
 D = 4° 51' 21"
 R = 1,179.92'
 T = 174.61'
 L = 346.70'
 E = 12.85'
 e = 6.1%
 T.R. = 34
 S.E. RUN = 138
 P.C. STA. = 53+26.72
 P.T. STA. = 56+73.43



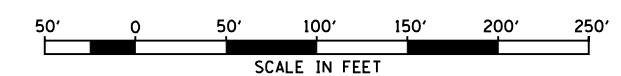
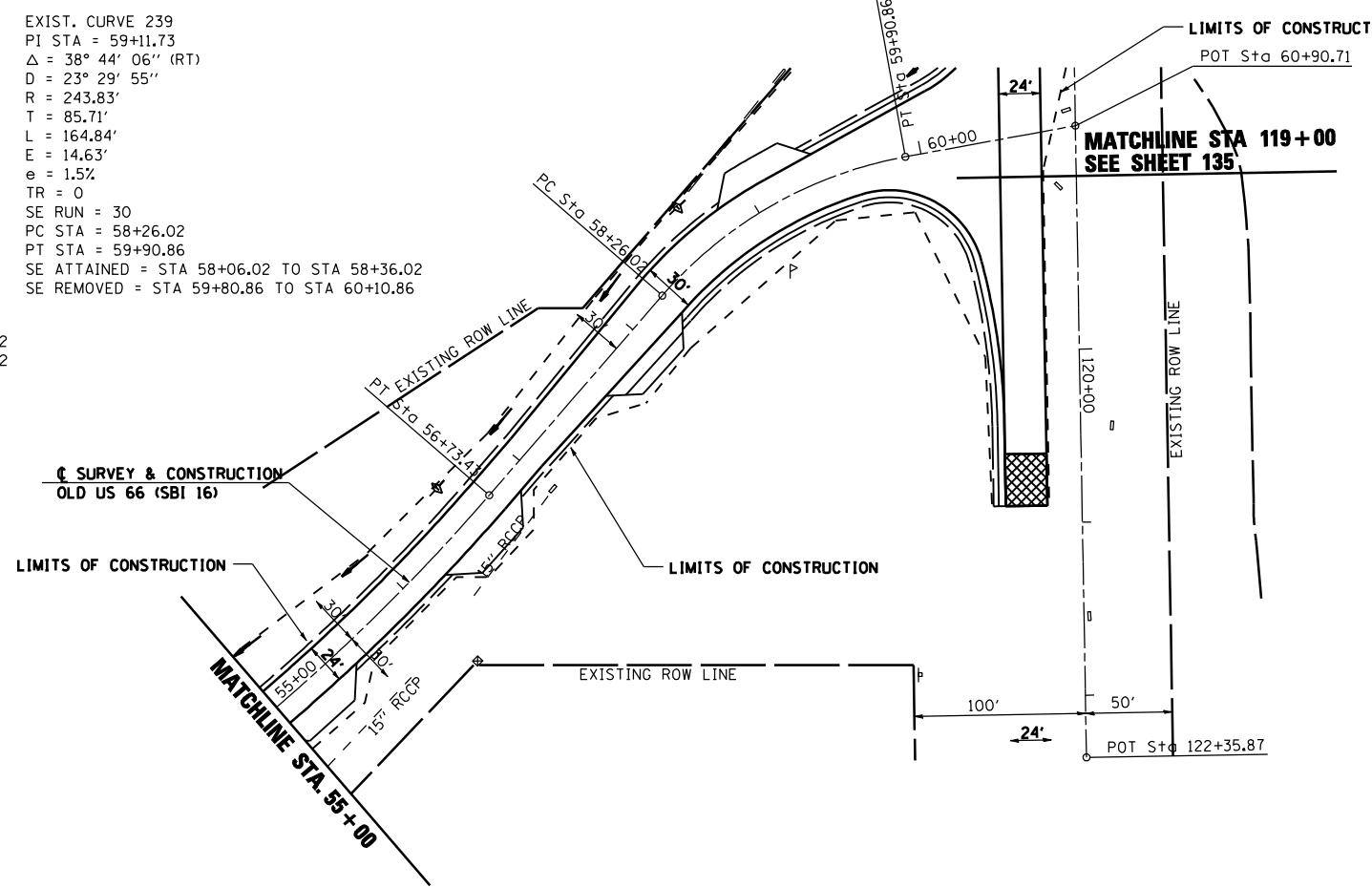
PROP. CURVE US66-1-1
 PI STA. = 18+65.83
 $\Delta = 20^\circ 23' 41''$ (RT)
 D = 7° 31' 09"
 R = 762.00'
 T = 137.07'
 L = 271.24'
 E = 12.23'
 e = 8.0%
 P.C. STA. = 17+28.76
 P.T. STA. 20+00.00

EXIST. CURVE 241
 PI STA. = 45+52.86
 $\Delta = 20^\circ 39' 35''$ (RT)
 D = 7° 31' 07"
 R = 762.06'
 T = 138.90'
 L = 274.78'
 E = 12.56'
 e = 8%
 S.E. RUN = 200'
 P.C. STA. = 44+13.96
 P.T. STA. = 46+88.74
 SE ATTAINED = 42+80.63 to 44+80.63
 SE REMOVED = 46+22.07 to 48+22.07

EXIST. CURVE 240
 PI STA = 55+01.33
 $\Delta = 16^\circ 50' 08''$ (LT)
 D = 4° 51' 21"
 R = 1,179.92'
 T = 174.61'
 L = 346.70'
 E = 12.85'
 e = 7.0%
 TR = 33 ; 0
 SE RUN = 155 ; 184
 PC STA = 53+26.72
 PT STA = 56+73.43
 SE ATTAINED = STA 51+89.72 TO STA 53+77.72
 SE REMOVED = STA 56+22.02 TO STA 58+06.02

EXIST. CURVE 239
 PI STA = 59+11.73
 $\Delta = 38^\circ 44' 06''$ (RT)
 D = 23° 29' 55"
 R = 243.83'
 T = 85.71'
 L = 164.84'
 E = 14.63'
 e = 1.5%
 TR = 0
 SE RUN = 30
 PC STA = 58+26.02
 PT STA = 59+90.86
 SE ATTAINED = STA 58+06.02 TO STA 58+36.02
 SE REMOVED = STA 59+80.86 TO STA 60+10.86

SEC 22, T 7 N, R 6 W, 3RD PM



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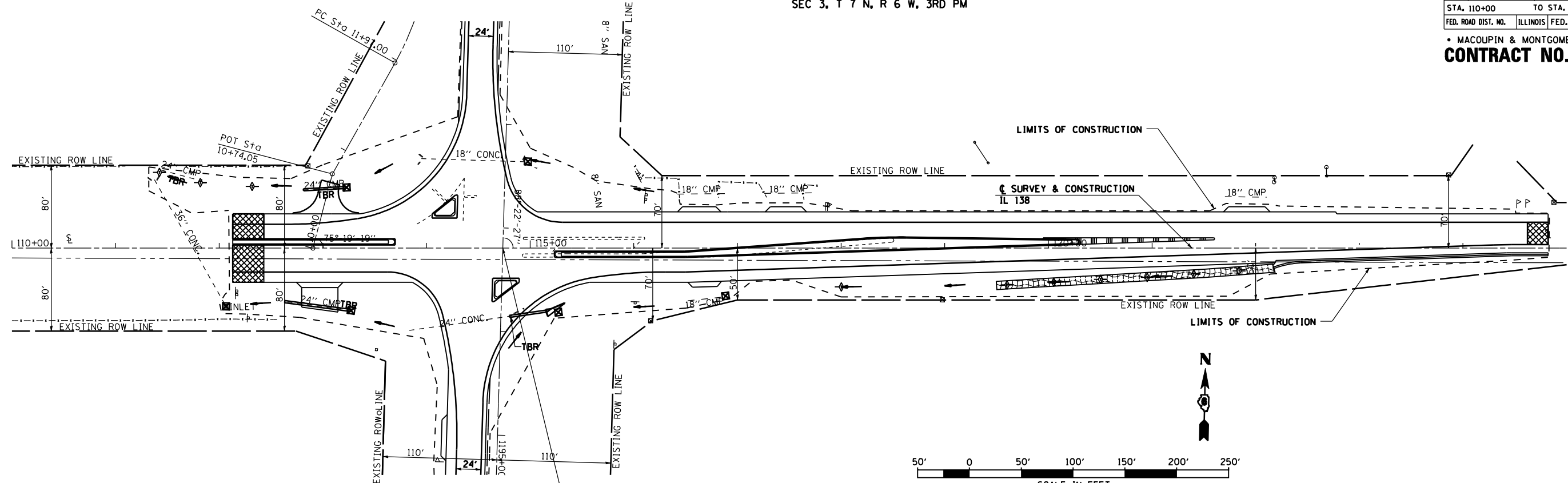
ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
728	RS,R	.	302	139

STA. 110+00 TO STA. 125+00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

MACOUPIN & MONTGOMERY COUNTIES
CONTRACT NO. 72526

SEC 3, T 7 N, R 6 W, 3RD PM



STA. 1193+19.47 (OLD US 66) =
 STA. 114+73.63 (IL 138)

SEC 10, T 7 N, R 6 W, 3RD PM

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
STORMWATER POLLUTION PREVENTION PLAN
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	MONTGOMERY	302	140
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526

TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBBOX JUNCTION
		AERIAL CABLE
		CONDUIT
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SO FT
		PC CONC SDWLK 4 IN. IN SO FT
		PC CONC SDWLK 4 IN. SPECIAL IN SO FT

LENGTH - CONSTRUCTION (T=TRENCH P=PUSHED A=AUGERED E=EXISTING)
 SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT U=UNI-DUCT)

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

EXISTING	PROPOSED	DESCRIPTION
		8" SIGNAL SECTION
		12" SIGNAL SECTION
		DIRECTIONAL SIGNAL SECTION
		9" PEDESTRIAN SIGNAL FACE
		12" PEDESTRIAN SIGNAL FACE
		SIGNAL FACE WITH BACKPLATE
		PROGRAMMED SIGNAL SECTION
		SIGNAL SECTION WITH LOUVRE
		DUAL-INDICATION SIGNAL SECTION
		INDUCTION DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		DIRECT-CONNECTED LOOP LEAD-IN (TWISTED)
		ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
		ELECTRIC CABLE TO BE REMOVED
		ELECTRIC CABLE IDENTIFIER TAPE CODES (R= RED W= WHITE Y= YELLOW G= GREEN B= BLUE O= ORANGE)
		PEDESTRIAN PUSHBUTTON DETECTOR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL LEGEND

SCALE: VERT. DATE
HORIZ.

DRAWN BY
CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	MONTGOMERY	302	141
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526

TRAFFIC SIGNAL QUANTITIES

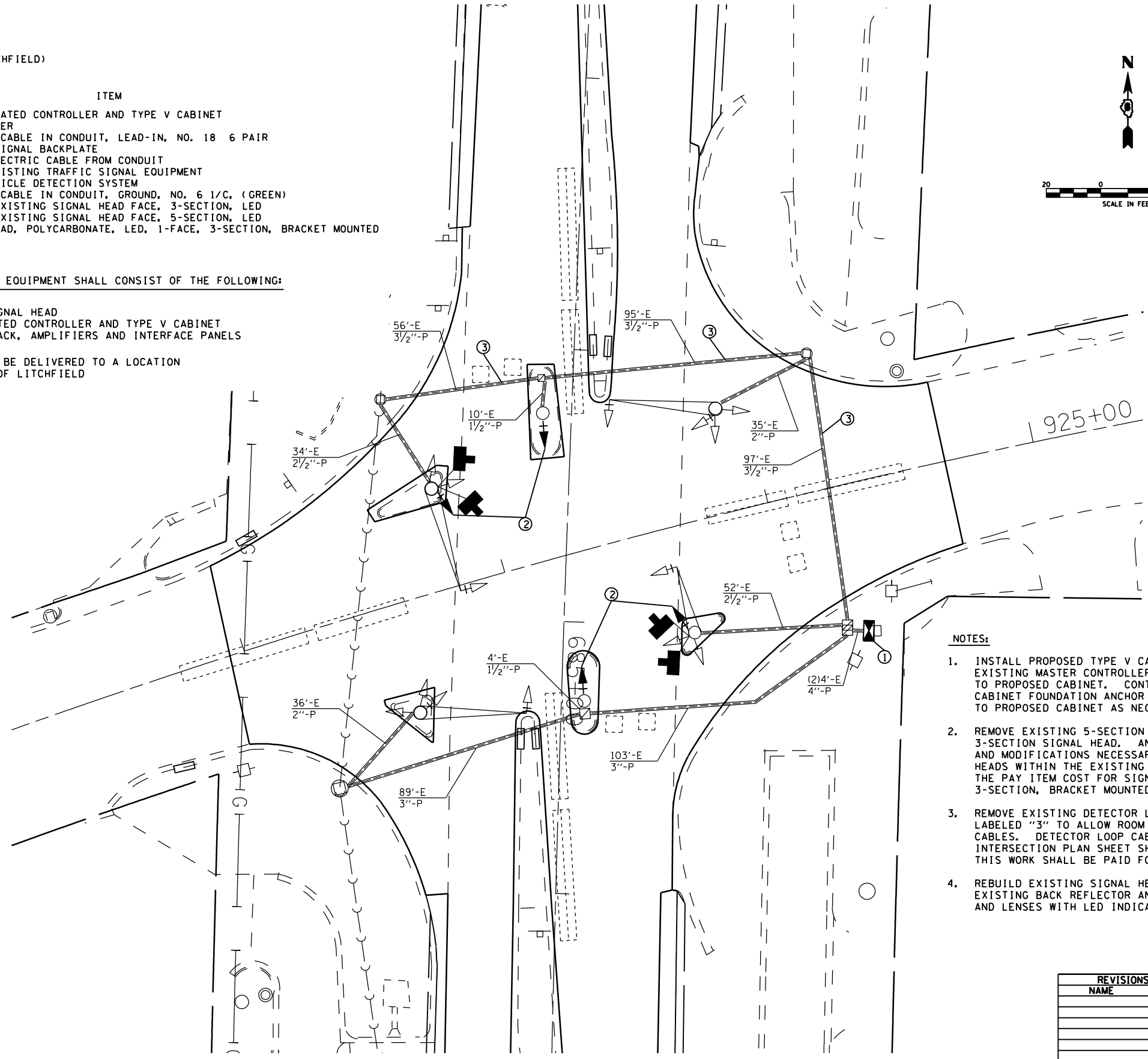
LOCATION: IL 16 & OLD US 66 (LITCHFIELD)

QUANTITY	UNIT	ITEM
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET
1	EACH	TRANSCEIVER
959.0	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 6 PAIR
4	EACH	TRAFFIC SIGNAL BACKPLATE
1014.5	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
1174.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1/C, (GREEN)
10	EACH	REBUILD EXISTING SIGNAL HEAD FACE, 3-SECTION, LED
4	EACH	REBUILD EXISTING SIGNAL HEAD FACE, 5-SECTION, LED
4	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL CONSIST OF THE FOLLOWING:

4	EACH	TRAFFIC SIGNAL HEAD
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE V CABINET
2	EACH	DETECTOR RACK, AMPLIFIERS AND INTERFACE PANELS

ALL REMOVAL ITEMS SHALL BE DELIVERED TO A LOCATION DETERMINED BY THE CITY OF LITCHFIELD



NOTES:

1. INSTALL PROPOSED TYPE V CABINET ON EXISTING FOUNDATION. EXISTING MASTER CONTROLLER AND 56K MODEM SHALL BE RELOCATED TO PROPOSED CABINET. CONTRACTOR SHALL FIELD VERIFY EXISTING CABINET FOUNDATION ANCHOR BOLT SPACING AND MAKE ADJUSTMENTS TO PROPOSED CABINET AS NECESSARY
2. REMOVE EXISTING 5-SECTION SIGNAL HEAD AND INSTALL PROPOSED 3-SECTION SIGNAL HEAD. ANY ADDITIONAL BRACKETING EQUIPMENT AND MODIFICATIONS NECESSARY TO INSTALL THE PROPOSED SIGNAL HEADS WITHIN THE EXISTING BRACKETING SHALL BE INCLUDED IN THE PAY ITEM COST FOR SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE 3-SECTION, BRACKET MOUNTED.
3. REMOVE EXISTING DETECTOR LOOP CABLE WITHIN CONDUIT RUNS LABELED "3" TO ALLOW ROOM FOR VIDEO DETECTION COMMUNICATION CABLES. DETECTOR LOOP CABLE WITHIN CONDUITS NOT SHOWN ON THIS INTERSECTION PLAN SHEET SHALL BE LEFT IN PLACE AND ABANDONED. THIS WORK SHALL BE PAID FOR AS REMOVE ELECTRIC CABLE IN CONDUIT.
4. REBUILD EXISTING SIGNAL HEAD FACE SHALL INCLUDE REMOVING THE EXISTING BACK REFLECTOR AND REPLACING ALL INCANDESCENT LAMPS AND LENSES WITH LED INDICATIONS.

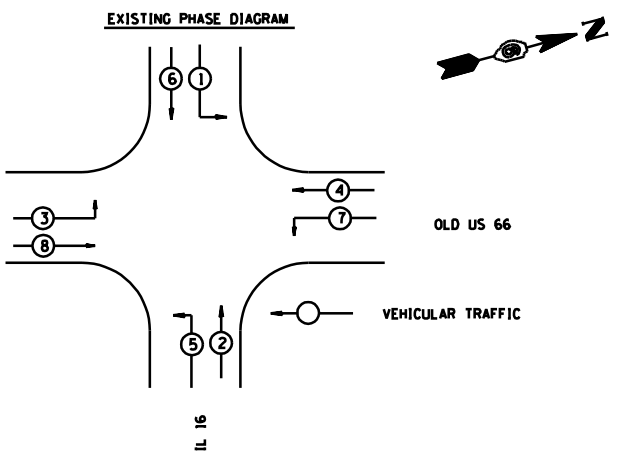
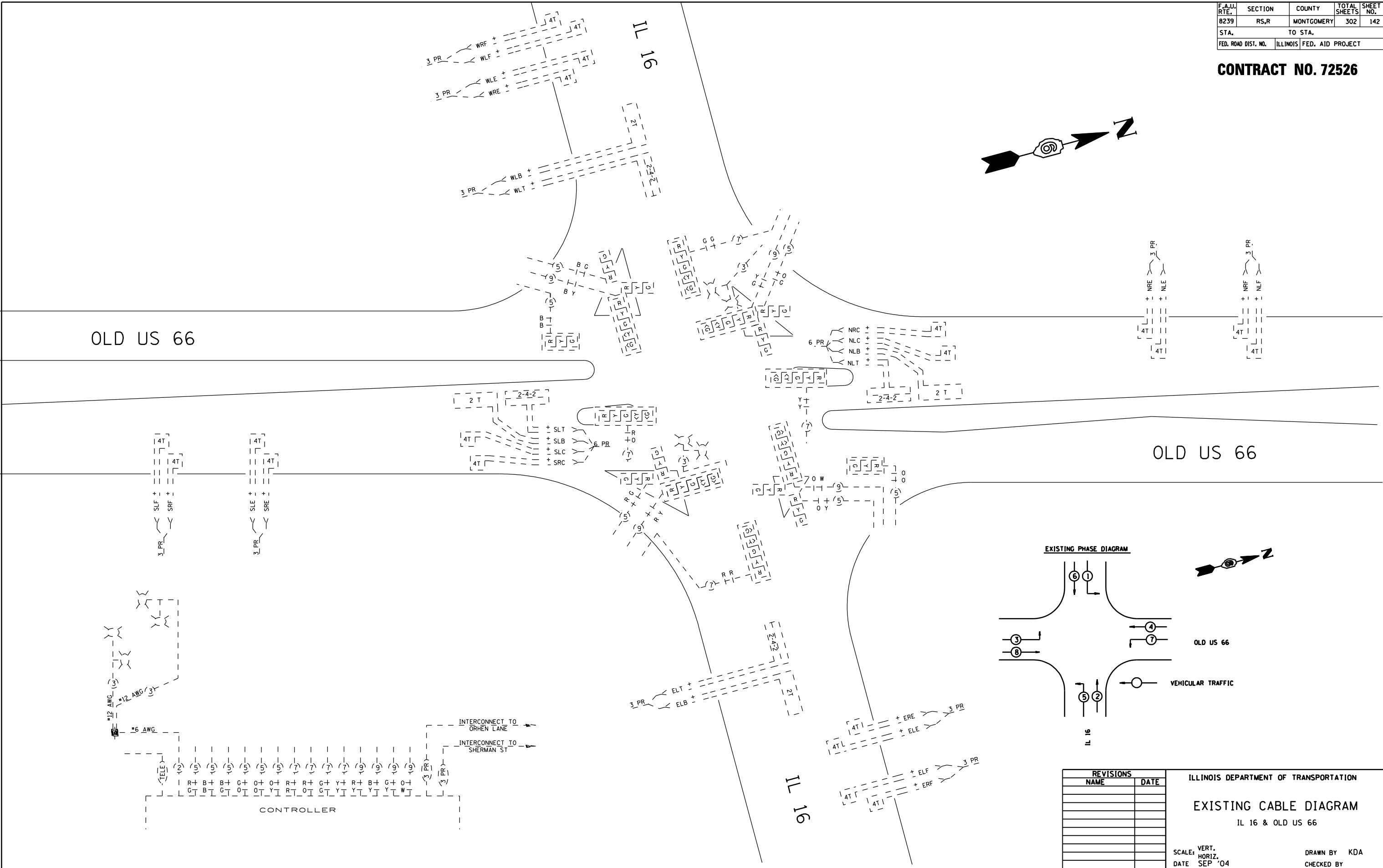
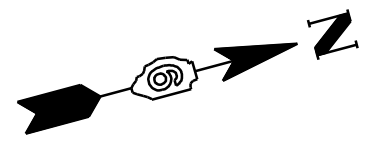
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROP. TRAFFIC SIGNALS
IL 16 & OLD US 66

SCALE: VERT. _____
HORIZ. _____
DATE: SEP '04
DRAWN BY: KDA
CHECKED BY: _____

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B239	RS,R	MONTGOMERY	302	142
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526



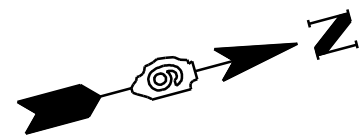
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING CABLE DIAGRAM
 IL 16 & OLD US 66

SCALE: VERT. _____
 HORIZ. _____
 DATE: SEP '04
 DRAWN BY: KDA
 CHECKED BY: _____

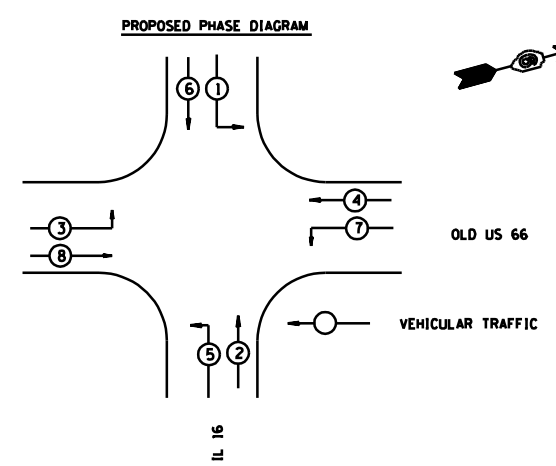
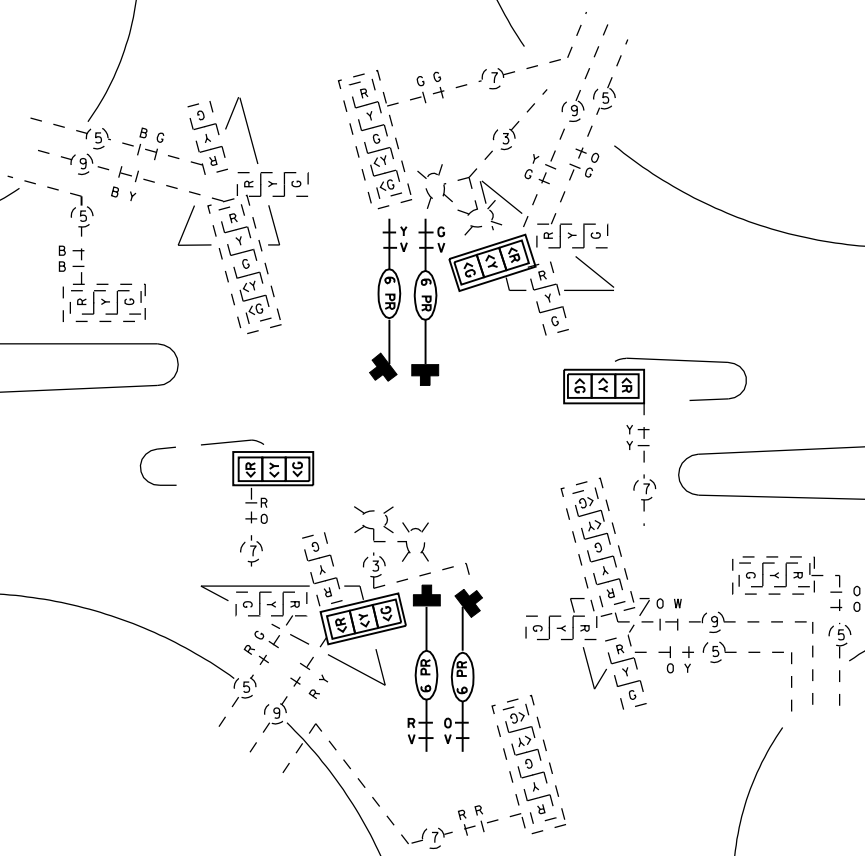
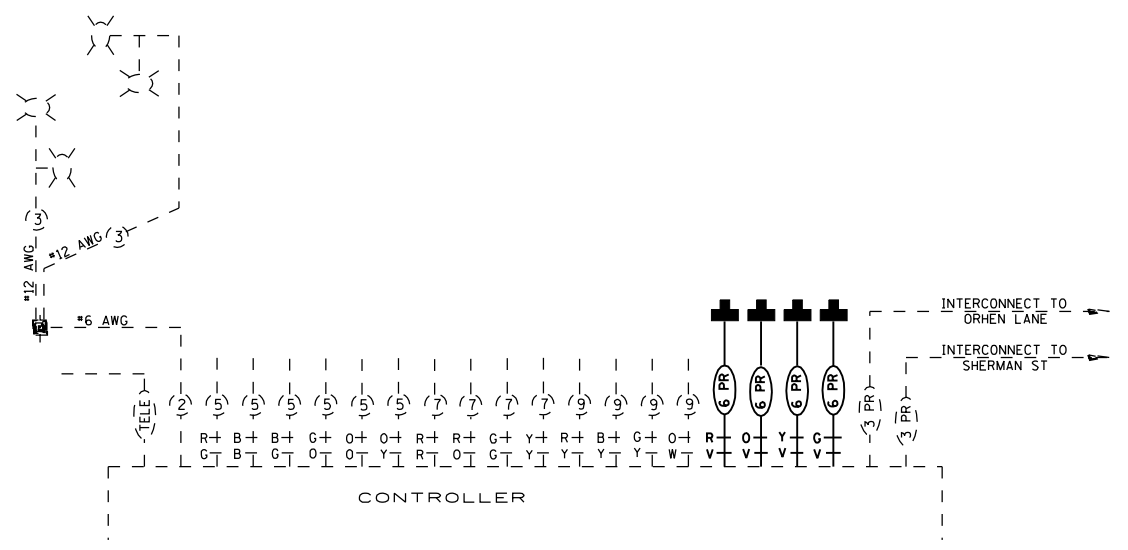
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B239	RS,R	MONTGOMERY	302	143
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526



OLD US 66

OLD US 66



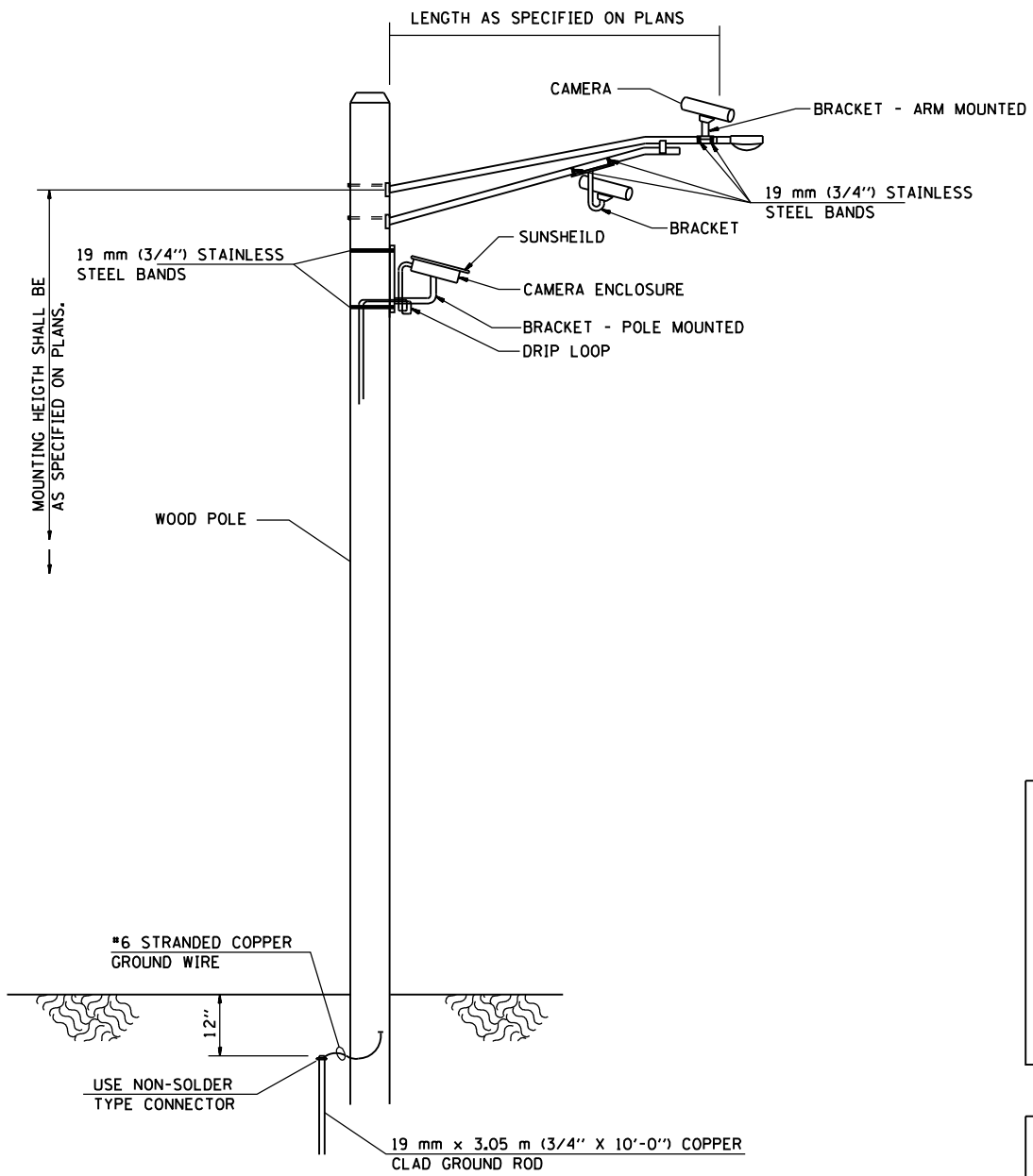
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROP. CABLE DIAGRAM
 IL 16 & OLD US 66

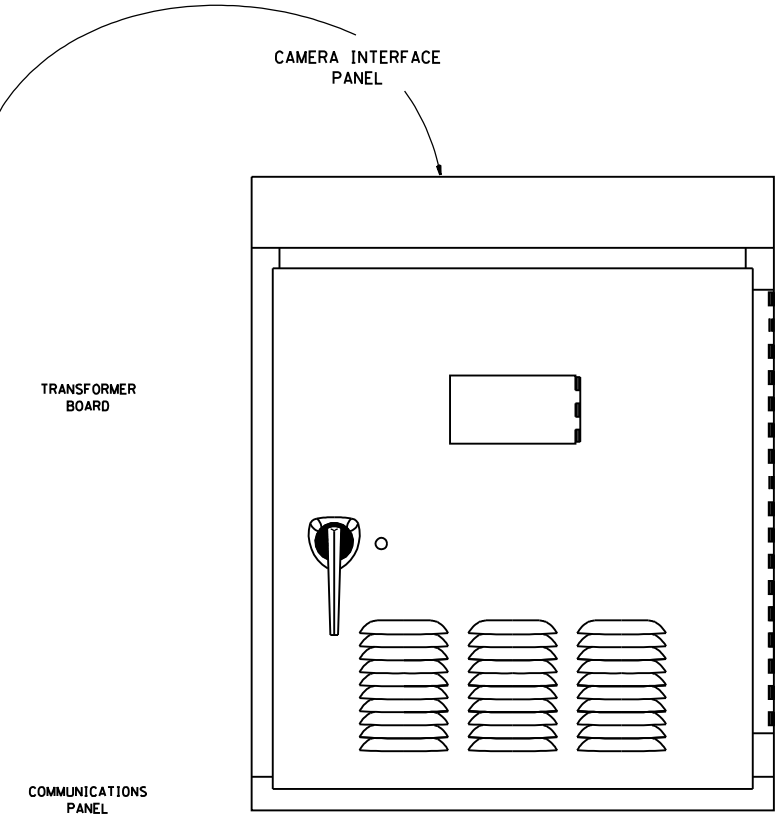
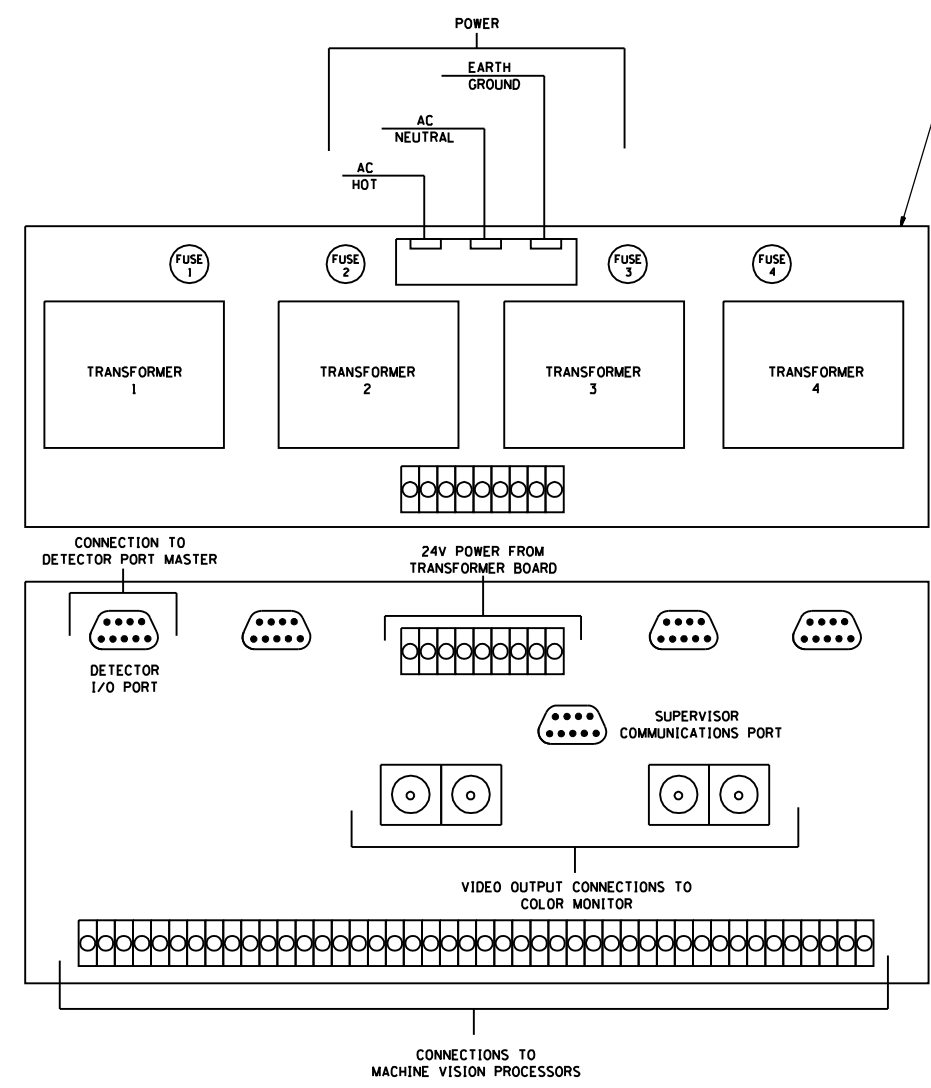
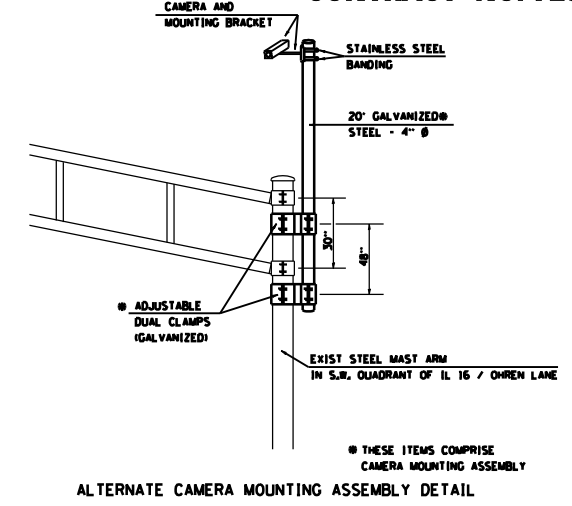
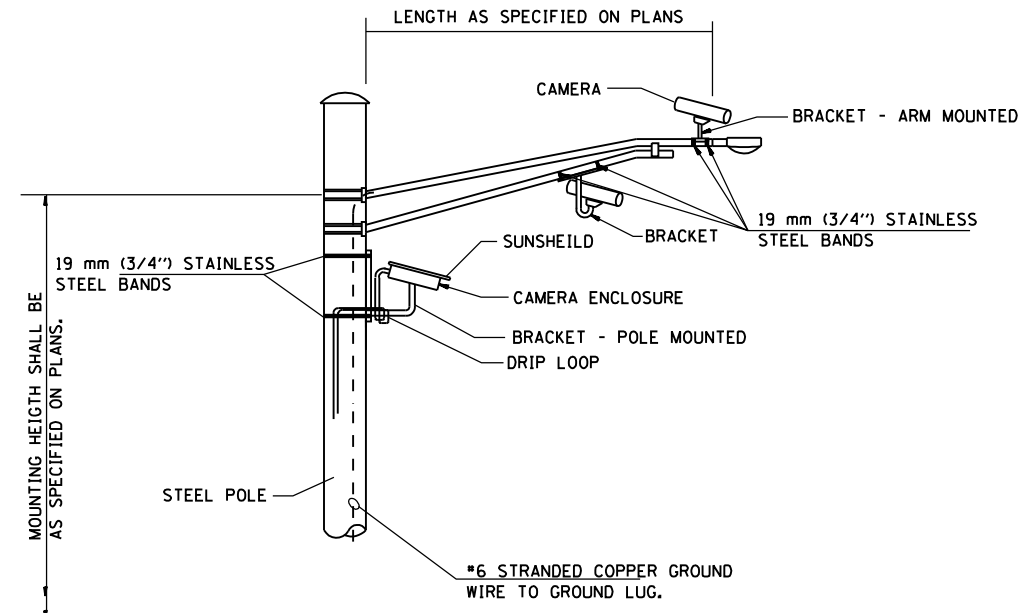
SCALE: VERT. HORIZ. DATE SEP '04
 DRAWN BY KDA
 CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	MONTGOMERY	302	144
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526



**VIDEO DETECTION SYSTEM INSTALLATION
ARM MOUNTED OR POLE MOUNTED CAMERA**



REVISIONS	
NAME	DATE
WCD	31OCT97

ILLINOIS DEPARTMENT OF TRANSPORTATION

**VIDEO DETECTION SYSTEM
INSTALLATION DETAIL**

SCALE: VERT. DRAWN BY: CADD
 HORIZ. CHECKED BY: WCD
 DATE: MARCH 12, 1996

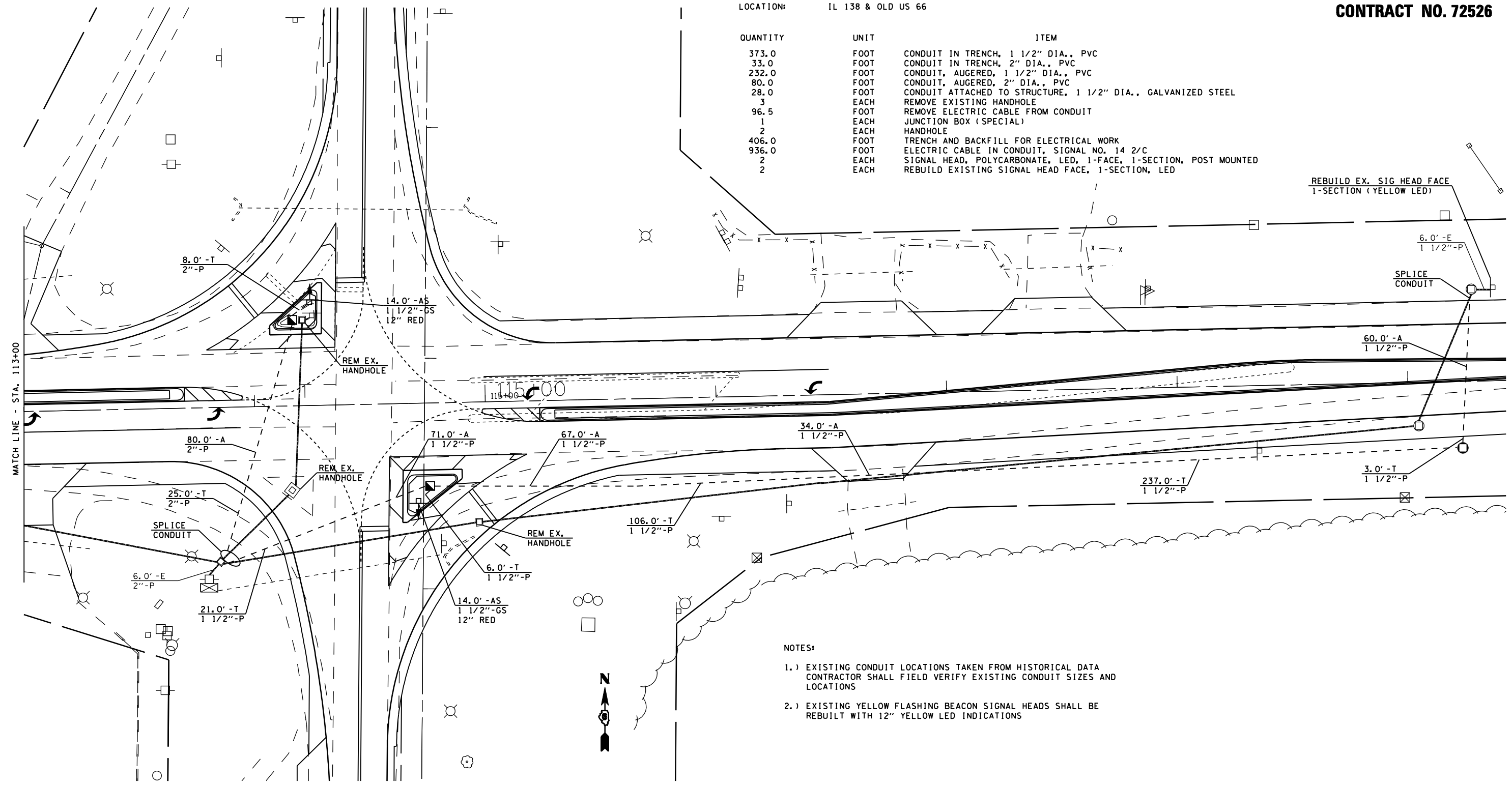
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	MONTGOMERY	302	145
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526

TRAFFIC SIGNAL QUANTITIES

LOCATION: IL 138 & OLD US 66

QUANTITY	UNIT	ITEM
373.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
33.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
232.0	FOOT	CONDUIT, AUGERED, 1 1/2" DIA., PVC
80.0	FOOT	CONDUIT, AUGERED, 2" DIA., PVC
28.0	FOOT	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL
3	EACH	REMOVE EXISTING HANDHOLE
96.5	FOOT	REMOVE ELECTRIC CABLE FROM CONDUIT
1	EACH	JUNCTION BOX (SPECIAL)
2	EACH	HANDHOLE
406.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
936.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2/C
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED
2	EACH	REBUILD EXISTING SIGNAL HEAD FACE, 1-SECTION, LED



- NOTES:**
- 1.) EXISTING CONDUIT LOCATIONS TAKEN FROM HISTORICAL DATA CONTRACTOR SHALL FIELD VERIFY EXISTING CONDUIT SIZES AND LOCATIONS
 - 2.) EXISTING YELLOW FLASHING BEACON SIGNAL HEADS SHALL BE REBUILT WITH 12" YELLOW LED INDICATIONS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

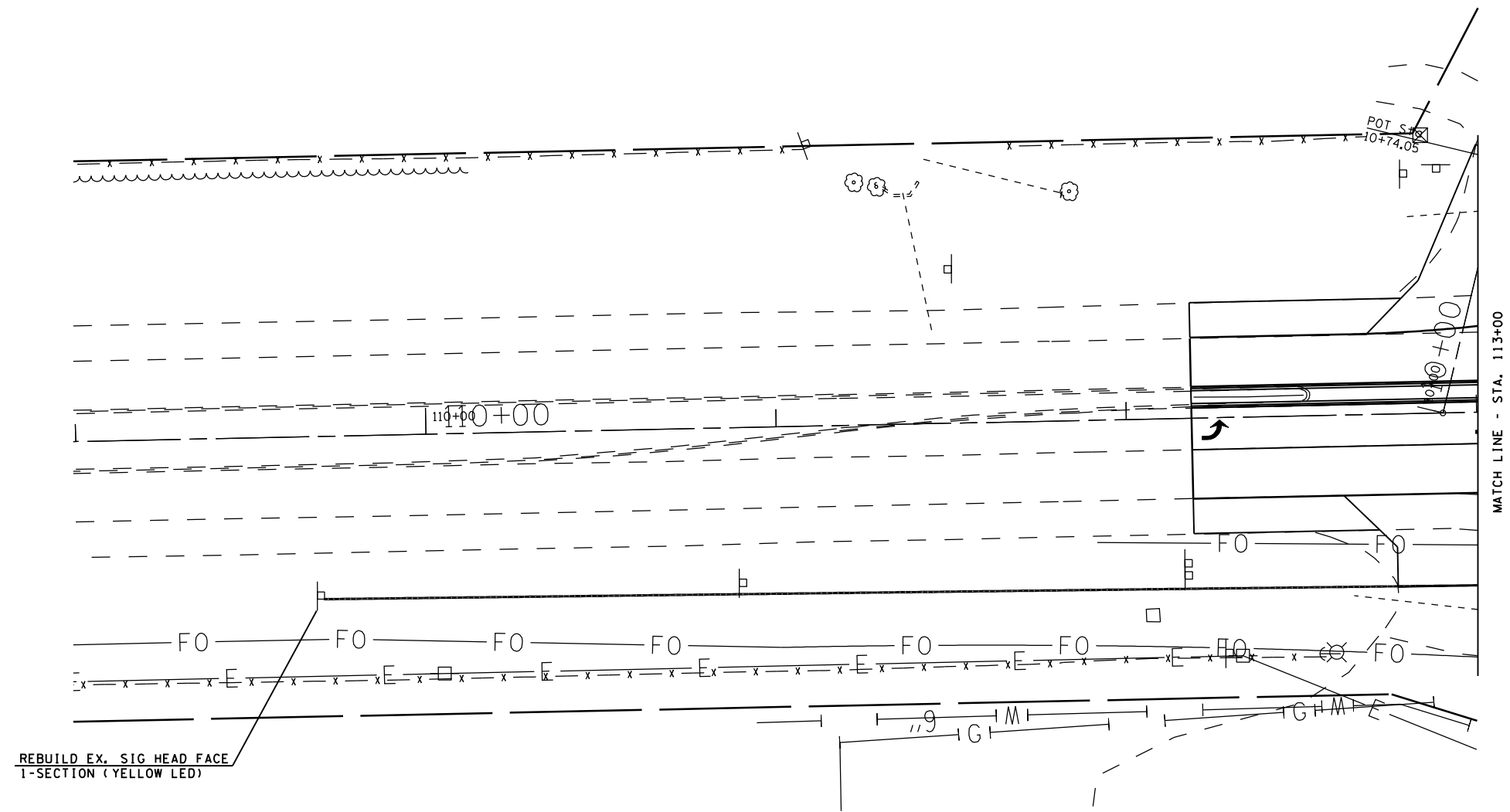
FLASHING BEACON PLAN SHEET

IL 138 & OLD US 66

SCALE: VERT. DRAWN BY KDA
 HORIZ. DEC '04 CHECKED BY

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	MONTGOMERY	302	146
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526



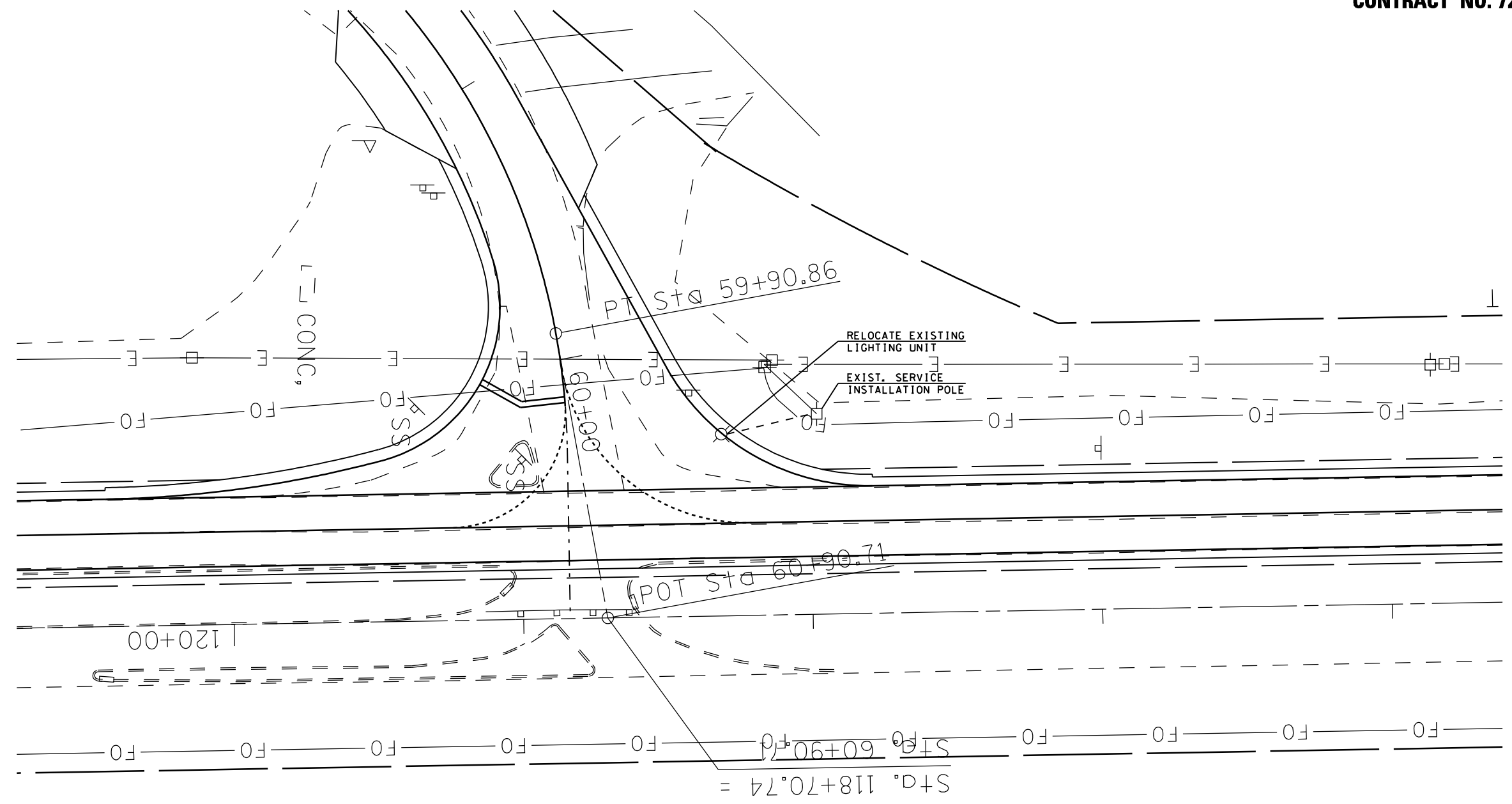
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
FLASHING BEACON PLAN SHEET
 IL 138 & OLD US 66

SCALE: VERT. DRAWN BY KDA
 HORIZ. CHECKED BY
 DATE DEC '04

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	MONTGOMERY	302	147
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526



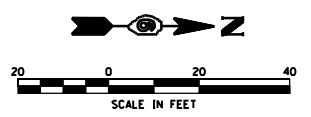
LIGHTING QUANTITIES

LOCATION: OLD US 66

QUANTITY	UNIT	ITEM
1	EACH	LIGHT POLE FOUNDATION METAL, 15" BOLT CIRCLE, 8" X 8'
4	EACH	BREAKAWAY DEVICE, COUPLING, WITH STAINLESS STEEL SCREEN
1	EACH	RELOCATE EXISTING LIGHTING UNIT
1	EACH	REMOVE EXISTING LIGHT POLE FOUNDATION

LIGHT POLE RELOCATION NOTES:

- 1.) RELOCATE EXISTING LIGHTING UNIT TO STA. 118+18.4 O/S = 76.4' RT PROPOSED POLE FOUNDATION SHALL NOT BE LOCATED NEAR PROPOSED DITCH. FINAL POLE LOCATION SHALL BE APPROVED BY THE ENGINEER.
- 2.) EXISTING UNIT DUCT AND CABLING SHALL BE UNCOVERED AND ADJUSTED IN ORDER TO RECONNECT WITH RELOCATED EXISTING LIGHTING UNIT. ALL ADJUSTMENT WORK FOR THE EXISTING UNIT DUCT AND CABLING INCLUDING TRENCH AND BACKFILL SHALL BE INCLUDED IN PAY ITEM FOR RELOCATE EXISTING LIGHTING UNIT.
- 3.) THE FINAL AIMING OF THE LUMINAIRES SHALL BE APPROVED BY THE ENGINEER.
- 4.) THE PROPOSED FOUNDATION SHALL BE BACKFILLED WITH 1" GRANULAR MATERIAL. THIS WORK SHALL BE INCLUDED IN LIGHT POLE FOUNDATION PAY ITEM.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHTING PLAN SHEET
 OLD US 66

SCALE: VERT. DRAWN BY KDA
 HORIZ. CHECKED BY
 DATE FEB '05

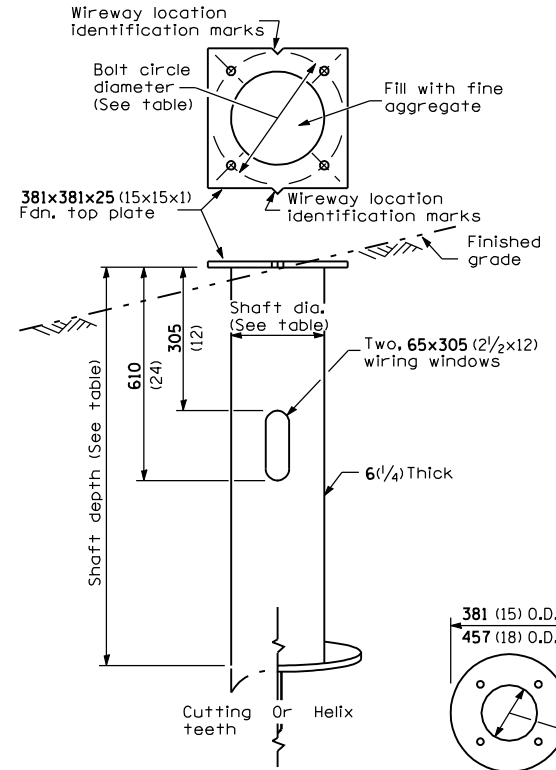
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS,R	MONTGOMERY	302	148
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72526

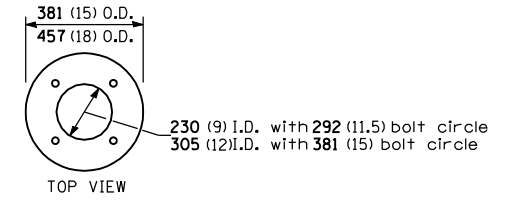
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	STEEL FOUNDATION		CONCRETE FOUNDATION		ANCHOR ROD LENGTH *
		SHAFT DIAMETER	SHAFT DEPTH	SHAFT DIAMETER	SHAFT DEPTH	
9.1 m (30')	292 mm (11 1/2")	220 mm (8 5/8")	1.83 m (6'-0")	610mm (24")	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 mm (11 1/2")	220 mm (8 5/8")	1.83 m (6'-0")	610mm (24")	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 mm (15")	220 mm (8 5/8")	1.83 m ** (6'-0")	610mm (24")	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 mm (15")	220 mm (8 5/8")	1.83 m ** (6'-0")	610mm (24")	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 mm (15")	220 mm (8 5/8")	2.44 m (8'-0")	610mm (24")	2.13m (7'-0")	2.00 m (6'-9")

* Length does not include 100 (4)hook
 ** 220 mm x 2.44 m (8 5/8" x 8'-0") for Twin luminaires

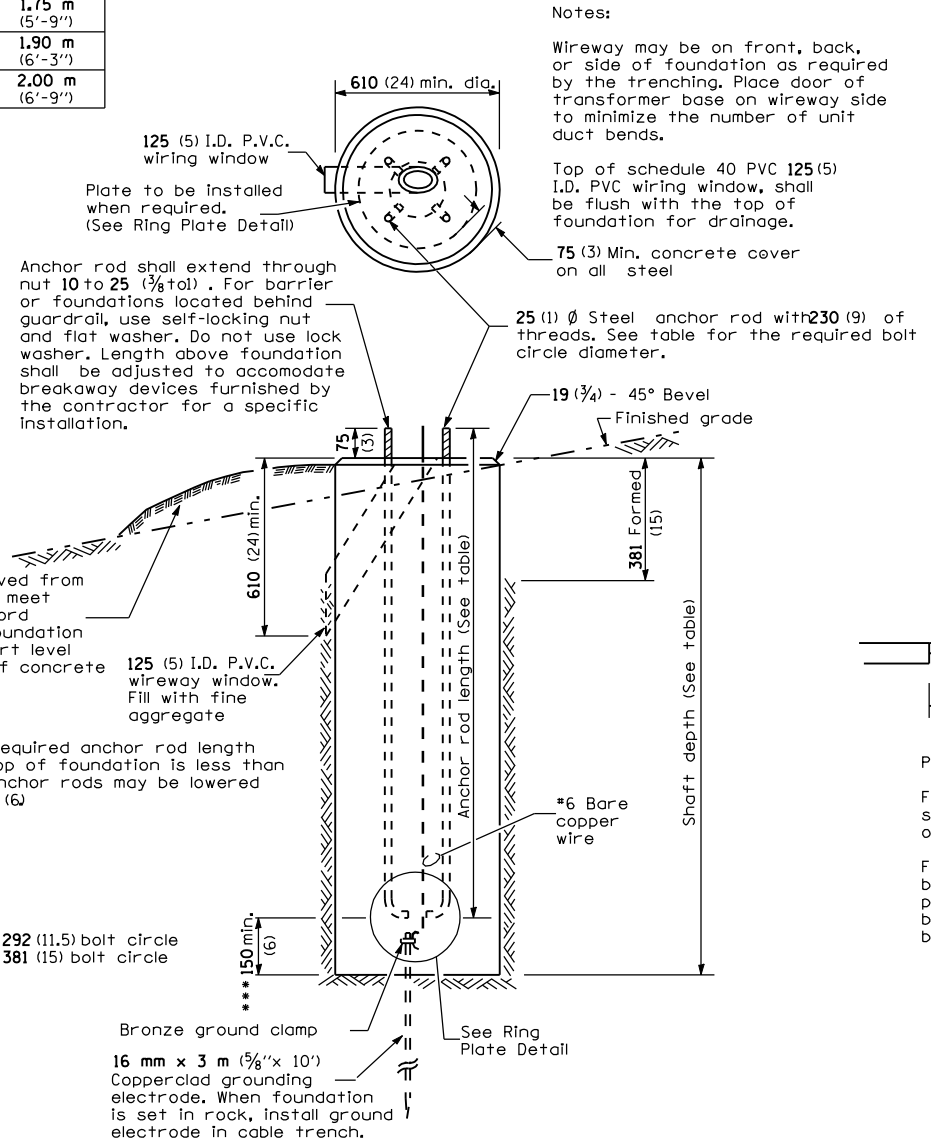
Notes:
 All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.



STEEL FOUNDATION



RING PLATE DETAIL
 (When rock is encountered and foundation is shallower)



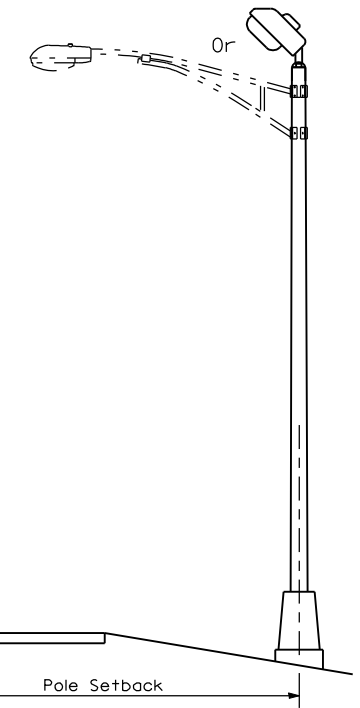
CONCRETE FOUNDATION

Notes:
 Wireway may be on front, back, or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.
 Top of schedule 40 PVC 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.
 75 (3) Min. concrete cover on all steel

Anchor rod shall extend through nut 10 to 25 (3/8 to 1). For barrier or foundations located behind guardrail, use self-locking nut and flat washer. Do not use lock washer. Length above foundation shall be adjusted to accommodate breakaway devices furnished by the contractor for a specific installation.

Use dirt removed from foundation to meet 1.52m (5 ft.) chord fill around foundation top. Grade dirt level with bottom of concrete chamfer.

*** If the required anchor rod length above top of foundation is less than 75 (3), anchor rods may be lowered below 150 (6)



Pole Foundation Setback:
 For horizontal mounted luminaires, setback shall be a minimum of 6.1 m (20') from edge of pavement.
 For vertical mount luminaires, setback shall be a minimum of 9 m (30') from edge of pavement. Poles shall be located 4.5 m (5') behind guardrail or other protective barriers, or as directed by the Engineer.

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LIGHT POLE FOUNDATION
 LGT836
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____
 DRAWN BY _____
 CHECKED BY _____

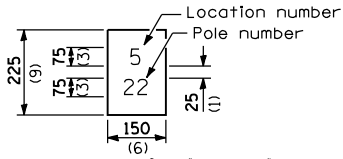
LGT836.DGN

DGN-SPEC
 DATE-TIME \$TIME\$ *USER*

CONTRACT NO. 72526

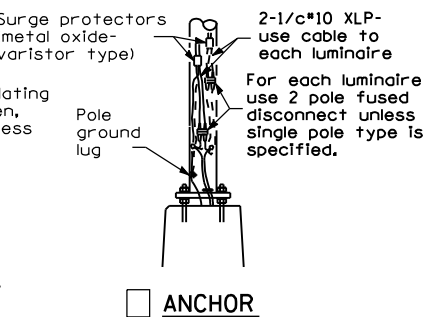
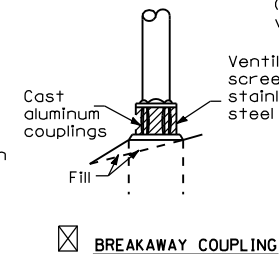
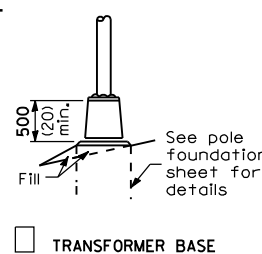
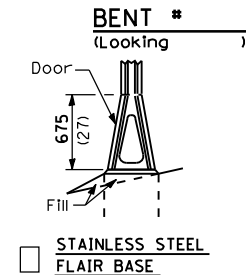
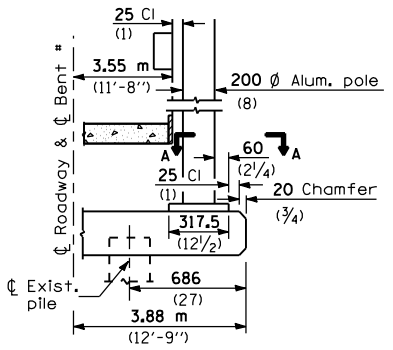
"Install and orient arm bracket over pole tenon and firmly hand tighten the two set screws. Use third hole in arm bracket as a guide to drill a 8.3 (3/4) diameter hole through tenon. Install and tighten self-tapping screw. Tighten set screws an additional (1/4 to 3/8) turn with hex key (not provided). Install locknuts on set screws if threaded projection allows."

Pole shall meet AASHTO Standard Specifications for 128.72 km (80 mph) wind loading and 40.82 kg (90 lb.), .37 m² (4.0 sq. ft.) E.P.A. luminaire.

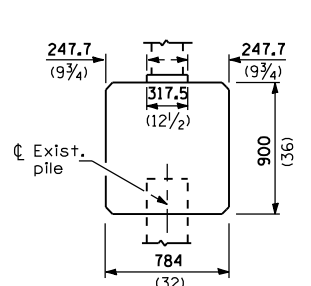


The contractor shall furnish and install a light pole identification of each new light pole, as shown above, incidental to the respective light pole pay item. The numerals shall be 75 (3) series "D", black, screened on silver-white type B pressure sensitive reflective sheeting conforming to the requirements of section 1602.01 of the Standard Specifications for Traffic Control Items. The numerals shall conform to the FHWA "Standard Alphabets for Highway Signs".

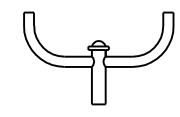
The light pole identification shall be applied to sign base material as specified in section 1085.05 of the Standard Specifications, approximately 180 (7) above the adjacent pavement grade visible to approaching traffic in accordance with Highway Standard 2319.



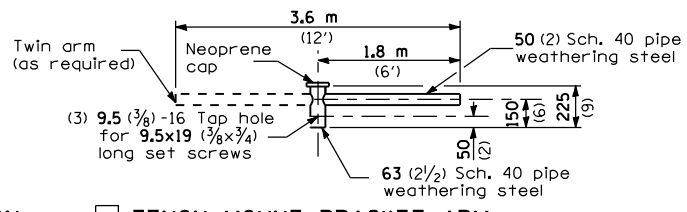
BRIDGE PIER MOUNT



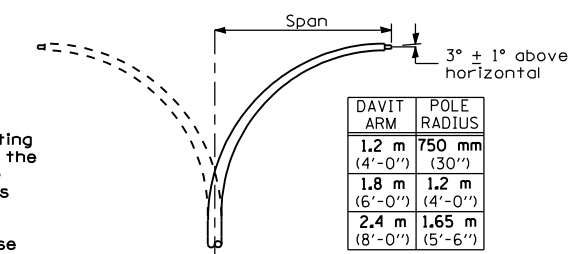
TWIN TENON



TENON MOUNT BRACKET ARM



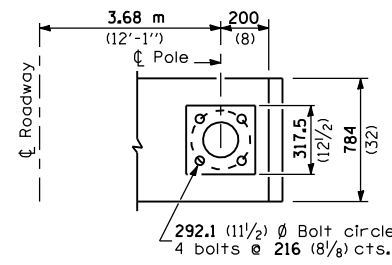
NOTE: Single or twin arm assembly shall be tilted 3° above horizontal.



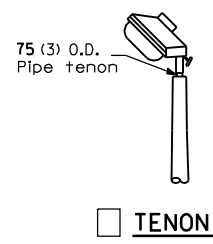
DAVIT ARM	POLE RADIUS
1.2 m (4'-0")	750 mm (30")
1.8 m (6'-0")	1.2 m (4'-0")
2.4 m (8'-0")	1.65 m (5'-6")

DAVIT ARM (and or)

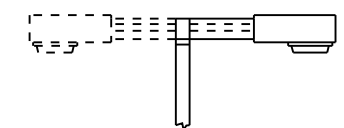
DAVIT ARM-TWIN



SECTION A-A

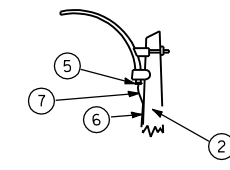


TENON

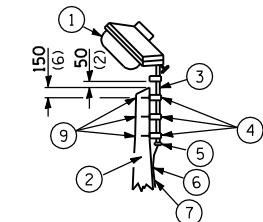


SHORT BRACKET

SHORT BRACKET - TWIN

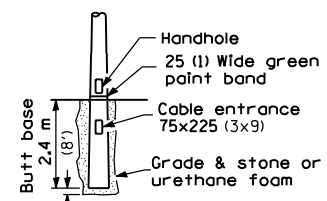


MAST ARM

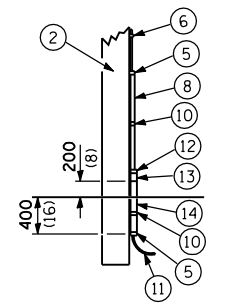


TENON

- 1 Luminaire
- 2 Wood pole, class 3 or better
- 3 63 (2 1/2) Galv. steel conduit
- 4 Single offset pole band
- 5 Conduit bushing
- 6 Cable clamps on 600 (24) centers
- 7 2/c #12 Type use cable
- 8 25 (1) Galv. steel conduit 3.0 m (10') in length
- 9 16 (3/8) Ø hot dipped galvanized bolt with flat washer & locknut (3 req'd)
- 10 Conduit clamps on 900 (36) centers
- 11 Unit duct
- 12 Threaded reducer
- 13 "C" Condulet, threaded
- 14 40 (1 1/2) Galv. steel conduit for 1 unit duct or 75 (3) galv. steel conduit for 2 or 3 unit ducts.



BUTT BASE



POLE, WOOD

POLE LENGTH	DEPTH IN GROUND
19.8 m (65')	3.6 m (12')
18.0 m (60')	3.0 m (10')
16.8 m (55')	2.7 m (9')
16.0 m (50')	2.4 m (8')
13.7 m (45')	2.1 m (7')
12.0 m (40')	2.0 m (6.5')
10.7 m (35')	1.8 m (6')
9.0 m (30')	1.7 m (5.5')

METAL OR CONCRETE

Details for underground distribution if required

added short bracket - twin and edited to section 1085.05 10/30/97 hec

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

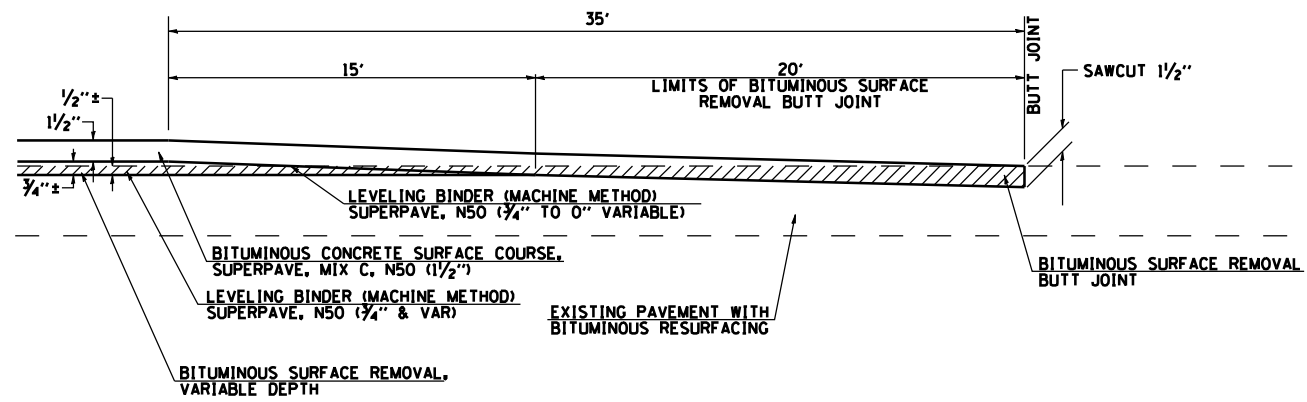
POLE STANDARDS

SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

JLGT008

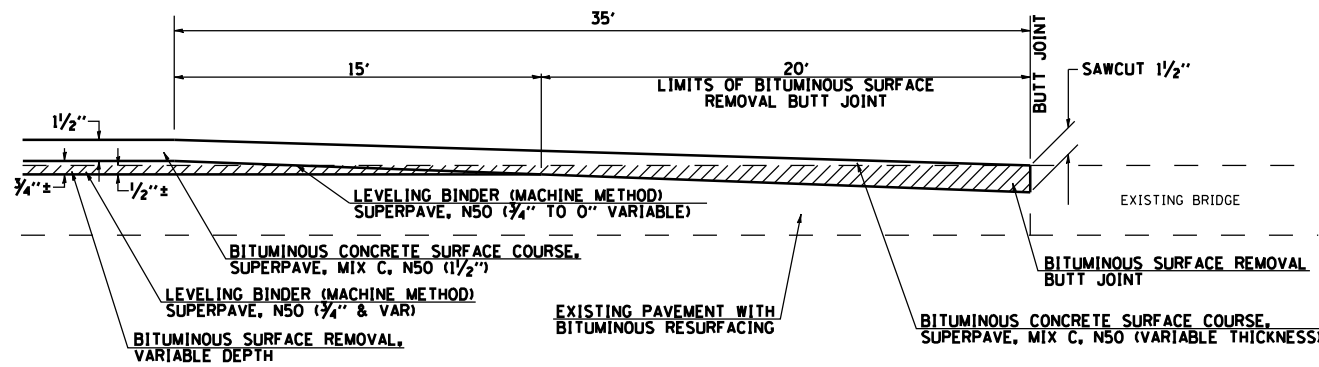
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	150
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				
** FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)				
** MONTGOMERY & MACOUPIN COUNTIES				

CONTRACT NO. 72526



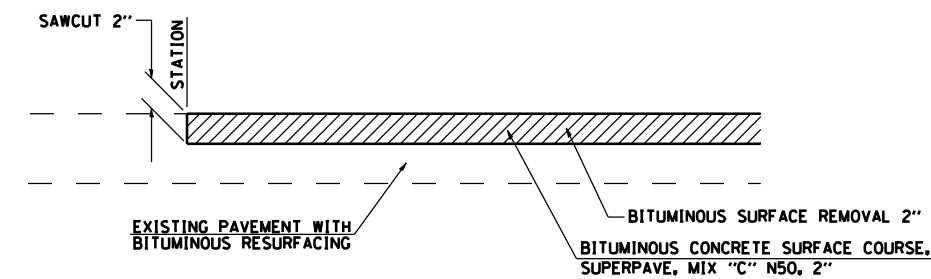
DETAIL OF BUTT JOINT

STA 694+72.25 TO STA 695+07.25 (SB US 66)
 STA 695+87.76 TO STA 696+22.76 (SB US 66)
 STA 124+47.17 TO STA 124+82.17 (IL 138)
 STA 64+18.12 TO STA 64+53.12 (SBI 16)



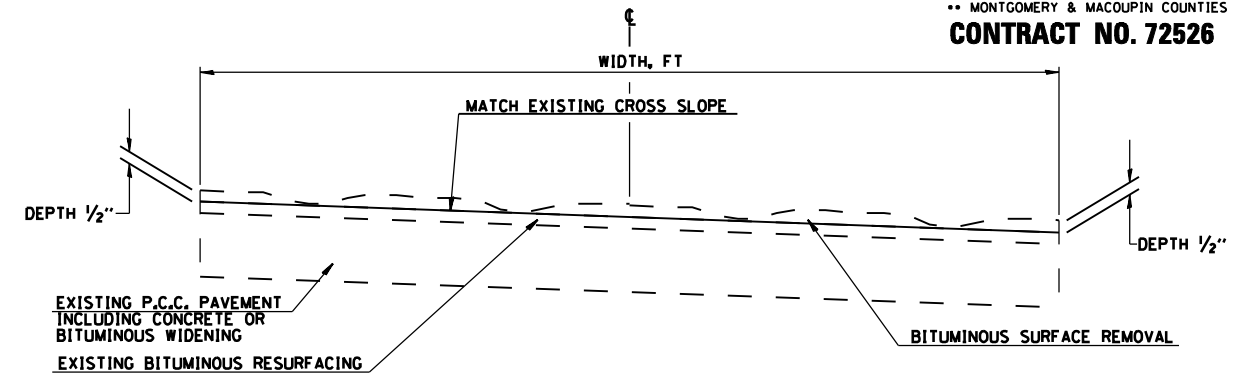
DETAIL OF BUTT JOINT

STA 48+38.5 TO STA 48+73.5 (SBI 16)
 STA 51+26.5 TO STA 51+61.5 (SBI 16)

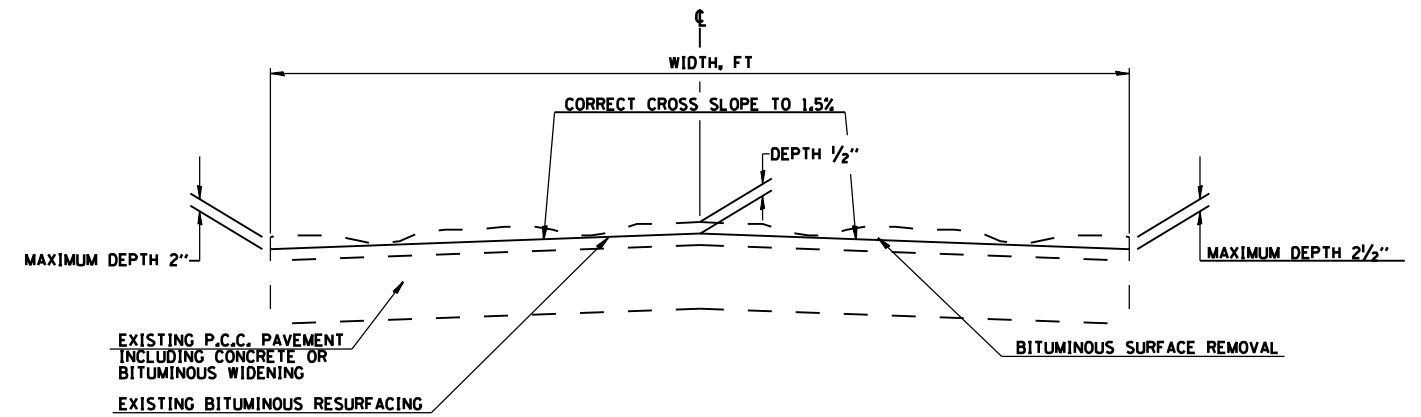


DETAIL OF PAVEMENT JOINT

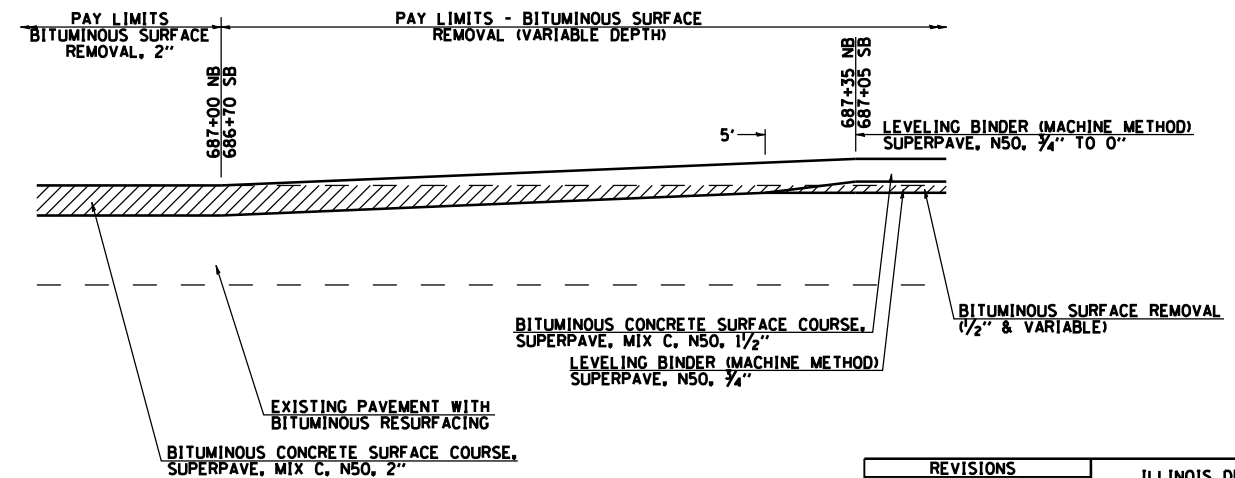
STA 678+21.96 (SB US 66)
 STA 680+00.76 (NB US 66)
 STA 922+02.00 (IL 16)
 STA 924+66.91 (IL 16)



BITUMINOUS SURFACE REMOVAL TO REMOVE RUTS AND CORRECT SUPERELEVATED SECTIONS



BITUMINOUS SURFACE REMOVAL TO REMOVE RUTS AND TO CORRECT CROSS SLOPE TANGENT SECTIONS - LOOKING SOUTH



SURFACE COURSE TRANSITION DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

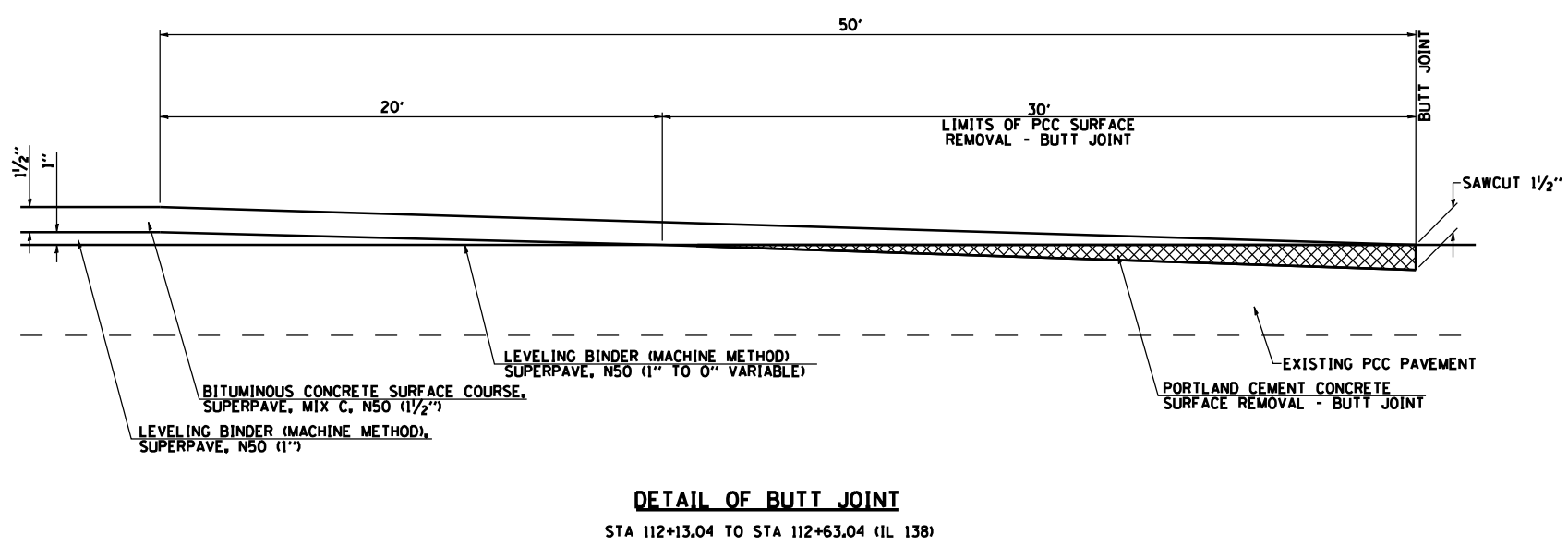
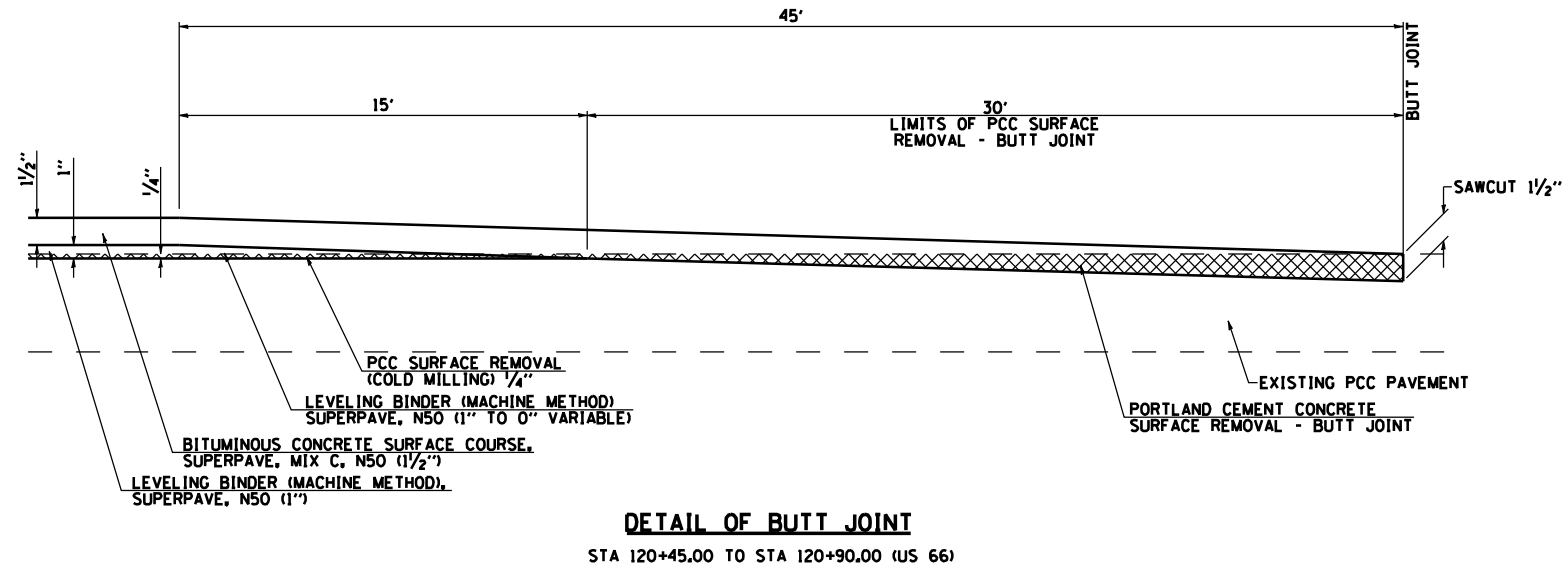
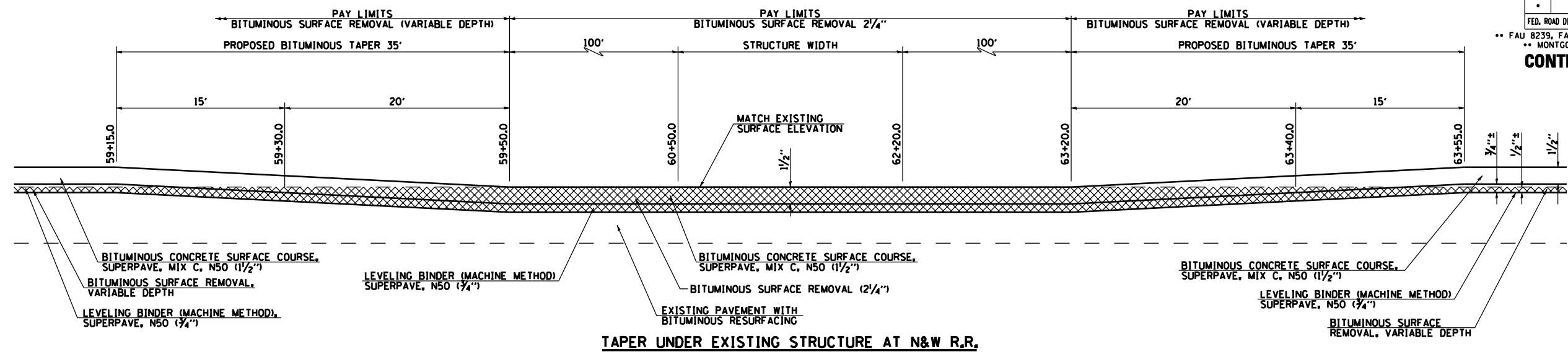
DRAWN BY JCG

CHECKED BY JRB

DATE 2/8/2006

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	151
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				
** FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)				
** MONTGOMERY & MACOUPIN COUNTIES				

CONTRACT NO. 72526



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS

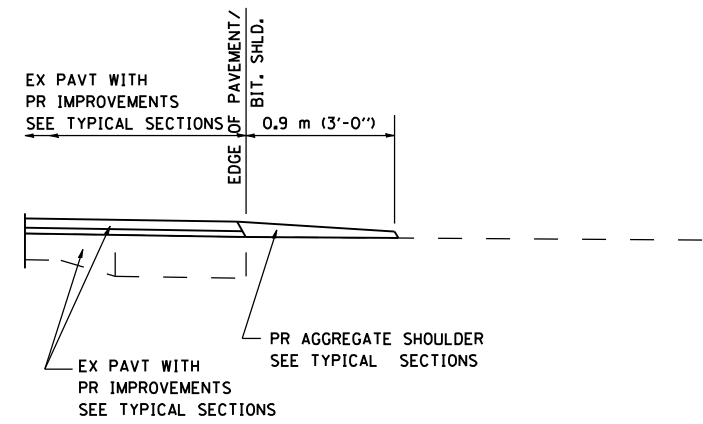
DRAWN BY TJD
CHECKED BY AWM

DATE 2/8/2006

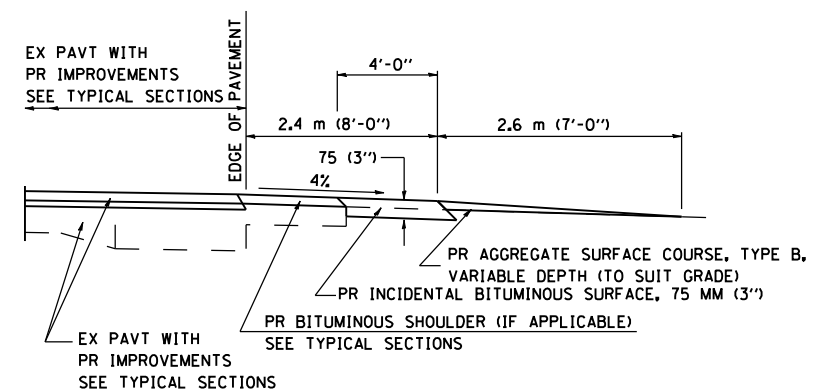
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS,R	**	302	152

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)
 ** MONTGOMERY & MACOUPIN COUNTIES

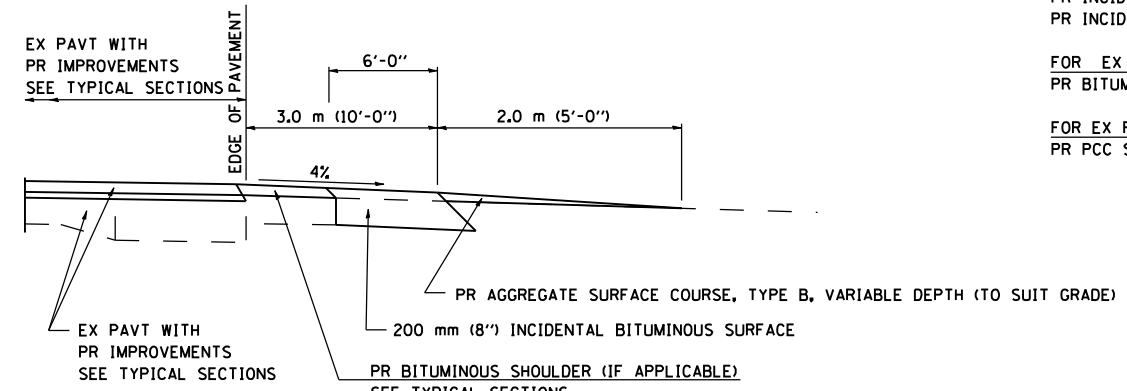
CONTRACT NO. 72526



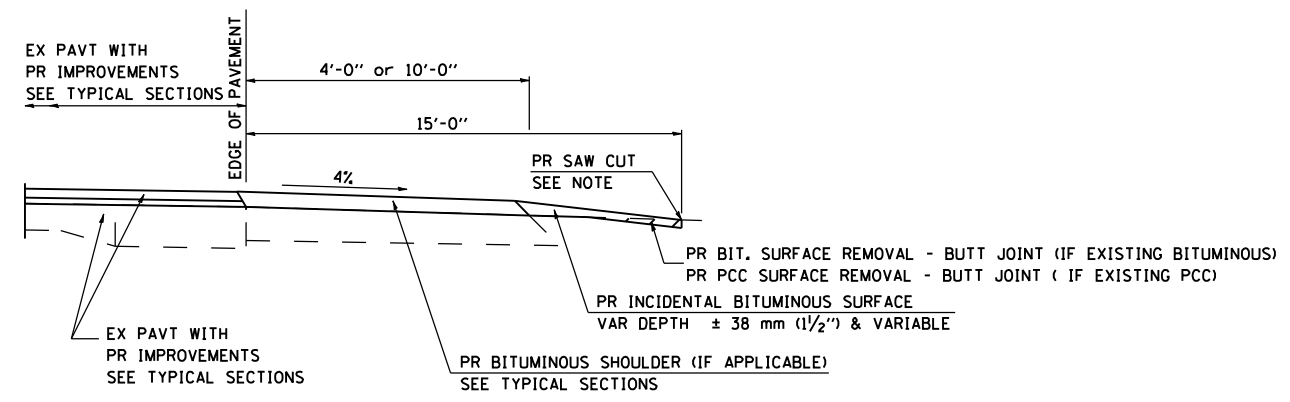
SECTION A-A FOR EX EARTH/AGGREGATE FE



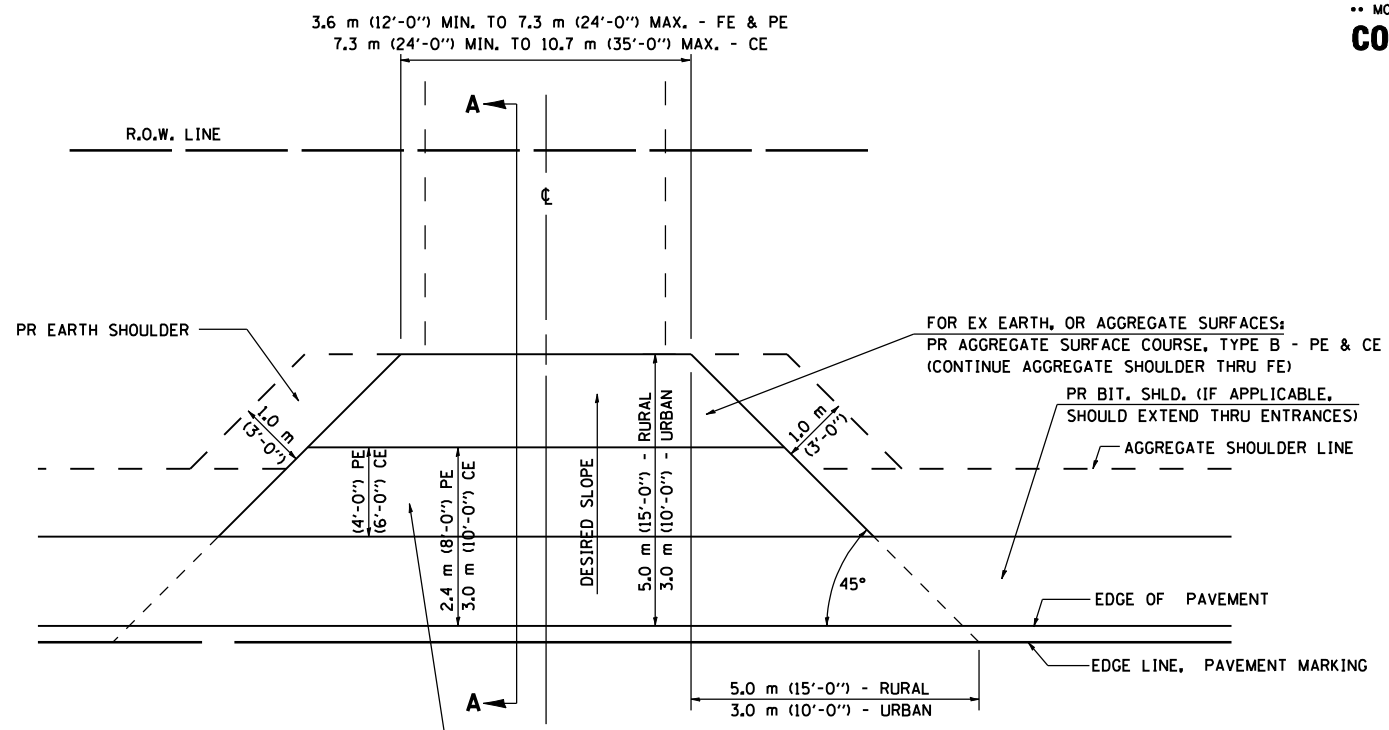
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE



SECTION A-A FOR EX BITUMINOUS/PC CONCRETE PE, CE



FOR EX EARTH OR AGGREGATE SURFACES:
 PR BIT SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR INCIDENTAL BITUMINOUS SURFACE 3" - PE
 PR INCIDENTAL BITUMINOUS SURFACE 8" - CE

FOR EX BITUMINOUS CONCRETE SURFACES:
 PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
 PR PCC SURFACE REMOVAL-BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT, THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE, SUPERPAVE IN SECTION 355 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF INCIDENTAL BITUMINOUS SURFACE IN SECTION 408.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 358, 402, 408, AND 440 OF THE STANDARD SPECIFICATIONS.

COST OF PROPOSED SAW CUTS SHALL BE INCLUDED IN THE COST OF SURFACE REMOVAL - BUTT JOINT OF THE TYPE SPECIFIED.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.

SHEET 1 OF 2

REVISIONS	
NAME	DATE
JCN	2/19/03
JCN	4/01/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
DETAILS FOR RURAL / URBAN
ENTRANCE, MAILBOX TURNOUT
W/ O CONCRETE GUTTER
(PPP - PROJECTS)

SCALE: VERT. HORIZ. DATE: 2/8/2006 DRAWN BY CADD CHECKED BY JCN

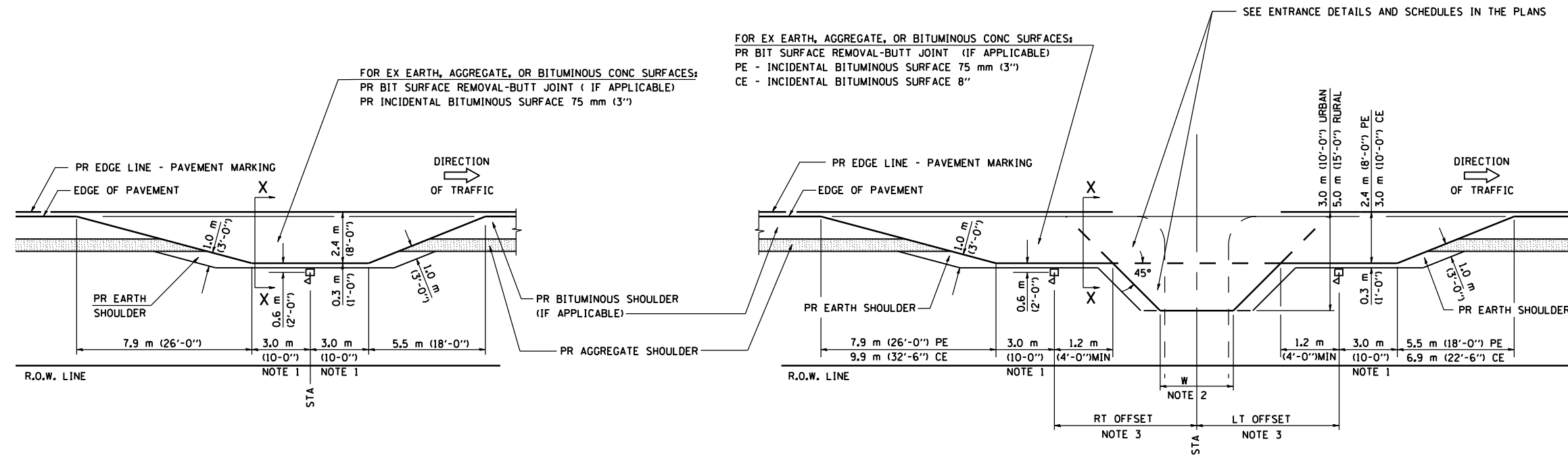
ENT PPP

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS,R	**	302	153

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)
 ** MONTGOMERY & MACOUPIN COUNTIES

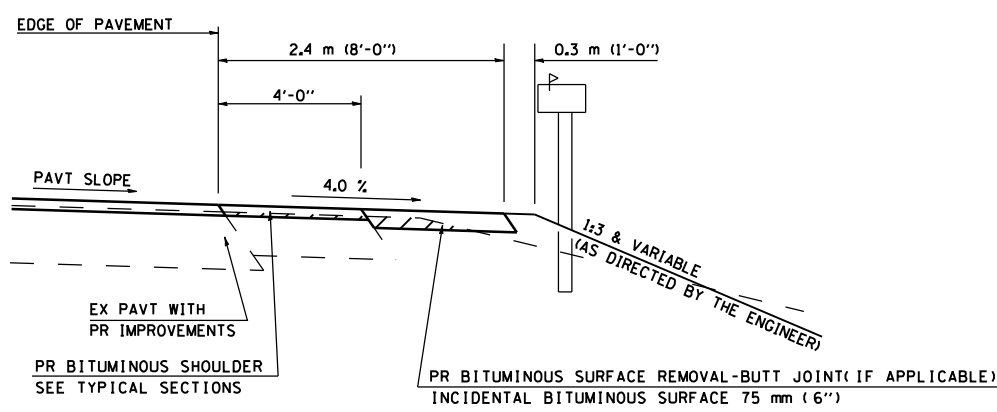
CONTRACT NO. 72526

DETAILS OF MAILBOX TURNOUTS



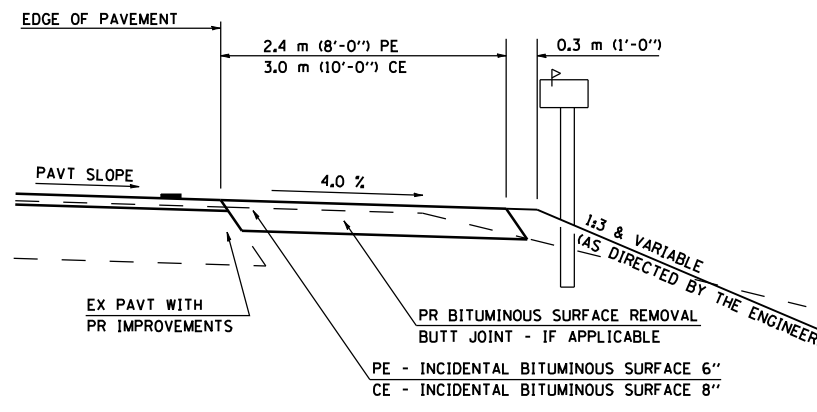
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



**SECTION X-X THRU MAILBOX TURNOUT
AREAS WITH 4' BITUMINOUS SHOULDER**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)



**SECTION X-X THRU MAILBOX TURNOUT
AREAS WITHOUT BITUMINOUS SHOULDER**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS REFER TO THE PLANS.
- NOTE 3 REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE SHOWN.

SHEET 2 OF 2

REVISIONS	
NAME	DATE
JCN	2/19/03
JCN	4/01/04

ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
DETAILS FOR RURAL / URBAN
ENTRANCE, MAILBOX TURNOUT
W/ O CONCRETE GUTTER
(PPP - PROJECTS)

SCALE: VERT. DRAWN BY CADD
 HORIZ. DATE: 2/8/2006
 CHECKED BY JCN

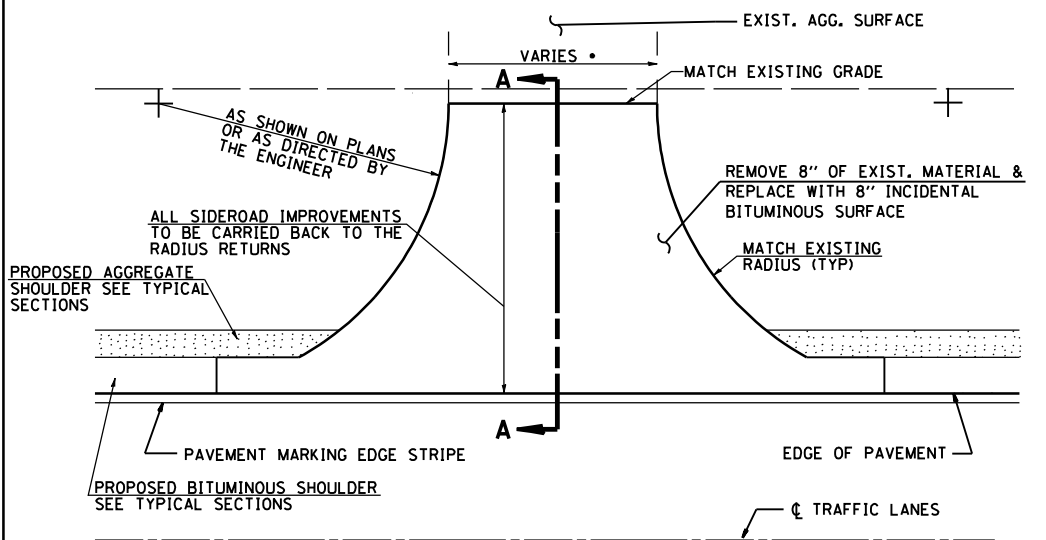
ENT PPP

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS,R	**	302	154

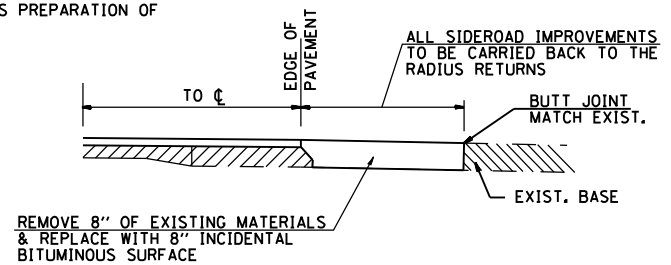
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 * FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)
 ** MONTGOMERY & MACOUPIN COUNTIES

CONTRACT NO. 72526

AGGREGATE SIDEROAD DETAIL

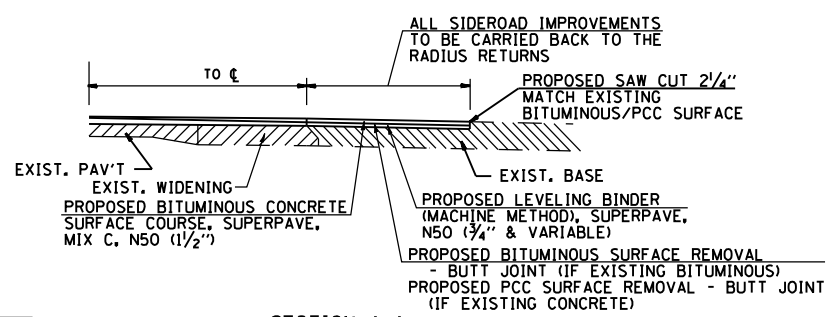
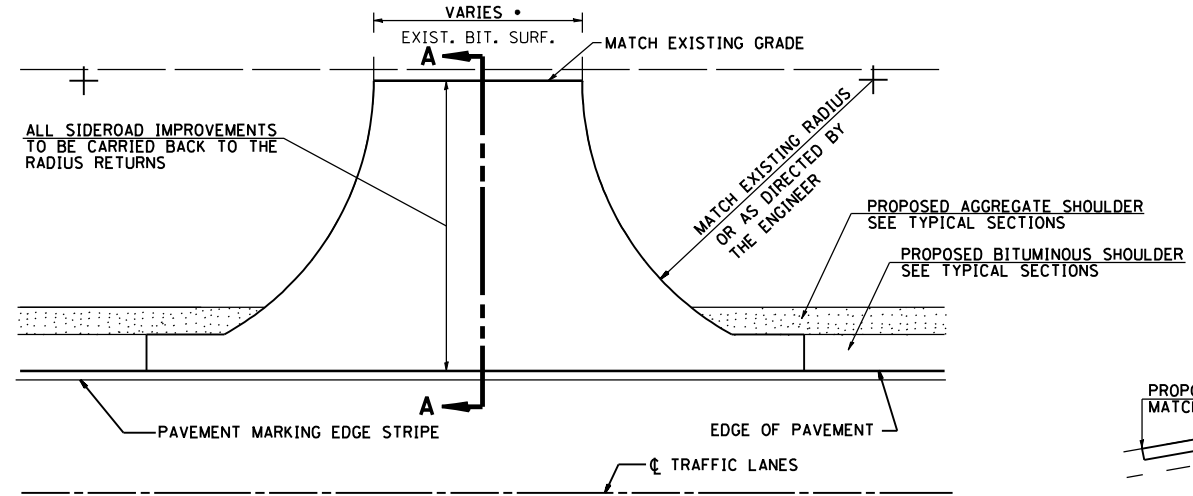


NOTE:
 THE REMOVAL OF EXISTING MATERIAL NECESSARY FOR SIDEROAD CONSTRUCTION WILL BE PAID FOR AS PREPARATION OF BASE.

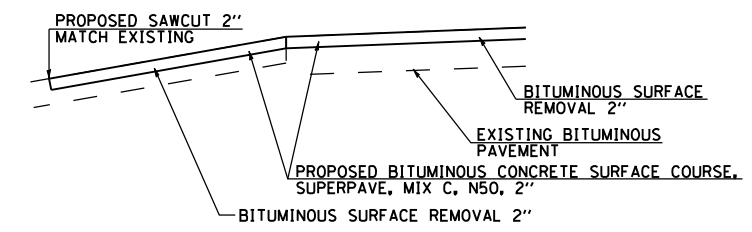


SECTION A-A

BITUMINOUS/PCC SIDEROAD DETAIL



SECTION A-A

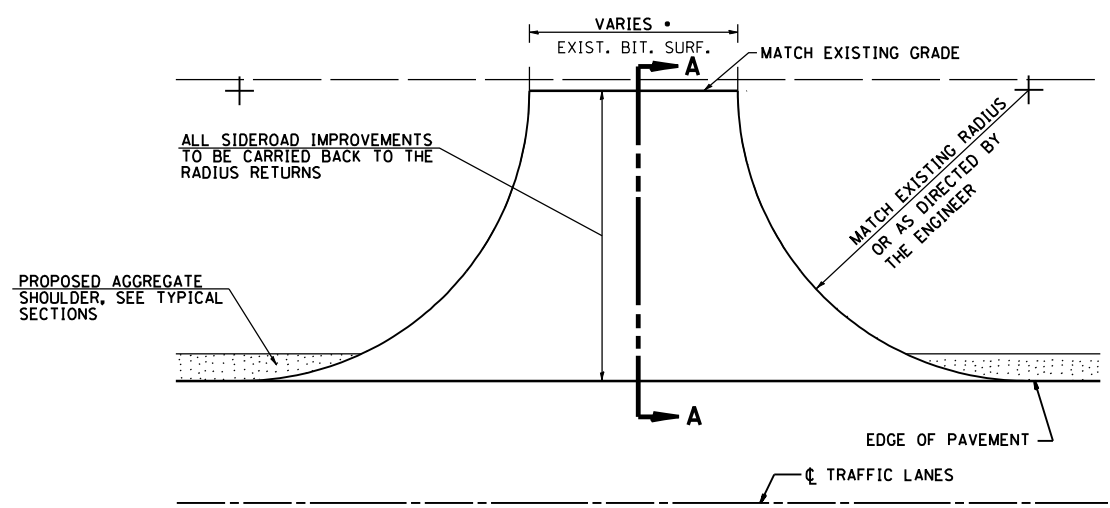


SECTION A-A
 @ STA 681+00 LT & RT

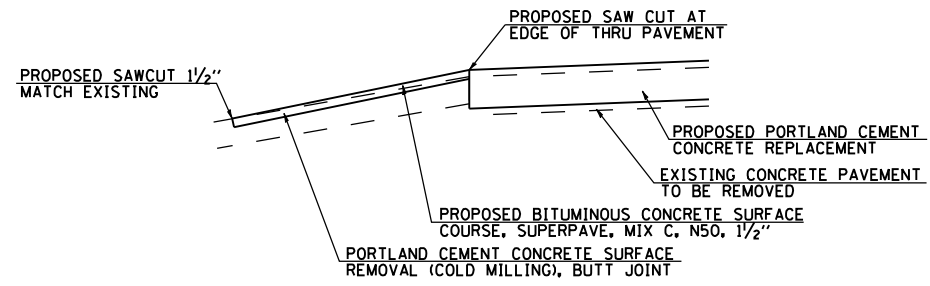
* AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

SIDEROAD DETAILS - RESURFACING AREAS

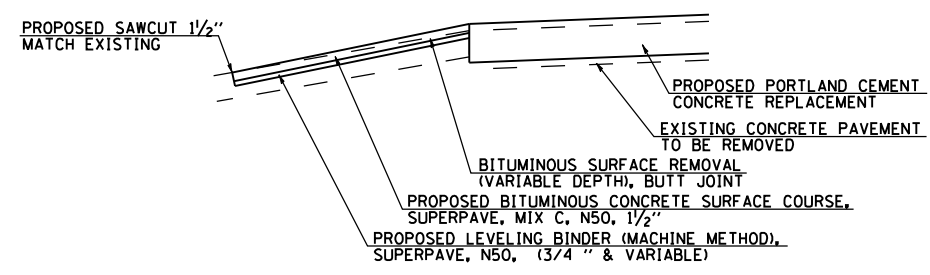
BITUMINOUS SIDEROAD DETAIL



* AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.



SECTION A-A
 EXISTING PCC



SECTION A-A
 EXISTING BITUMINOUS SURFACE

NOTES

1. THE SIDEROAD TREATMENT FOR RURAL BITUMINOUS SIDEROADS SHALL BE CONTINUED TO THE END OF THE RADIUS RETURN IF RADIUS IMPROVEMENT IS SHOWN ON THE PLANS.
2. IF VERTICAL GRADE CHANGE IS OCCURRING, THEN THE SIDEROAD TREATMENT SHALL CONTINUE UNTIL THE PROPOSED CHANGE MEETS THE EXISTING SIDEROAD.
3. THE ROADWAY PLANS AND SCHEDULE WILL LIST THE QUANTITIES AND LOCATIONS FOR ALL SIDEROADS.
4. COST OF PROPOSED SAW CUTS SHALL BE INCLUDED IN THE COST OF SURFACE REMOVAL - BUTT JOINT OF THE TYPE SPECIFIED.

SIDEROAD DETAILS - RECONSTRUCTION AREAS

REVISIONS	
NAME	DATE
CGC	09APR93

ILLINOIS DEPARTMENT OF TRANSPORTATION

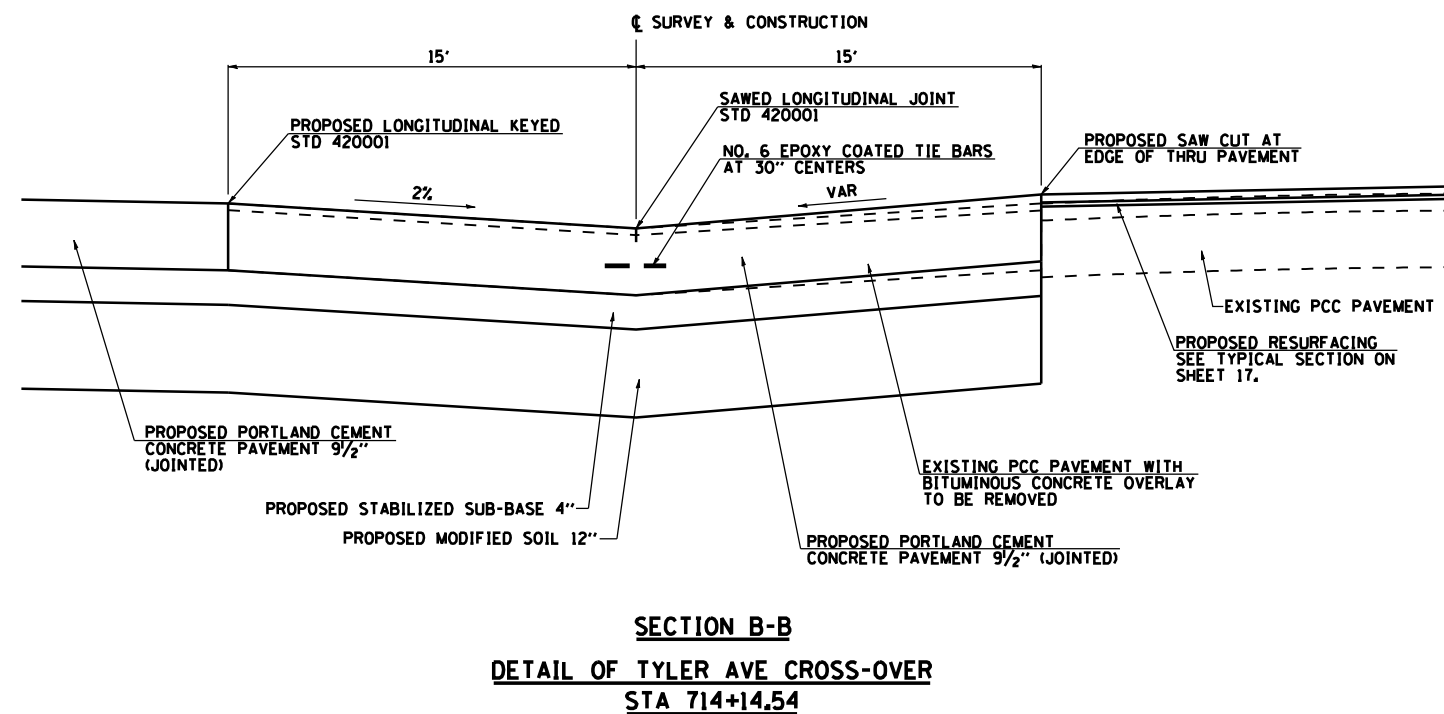
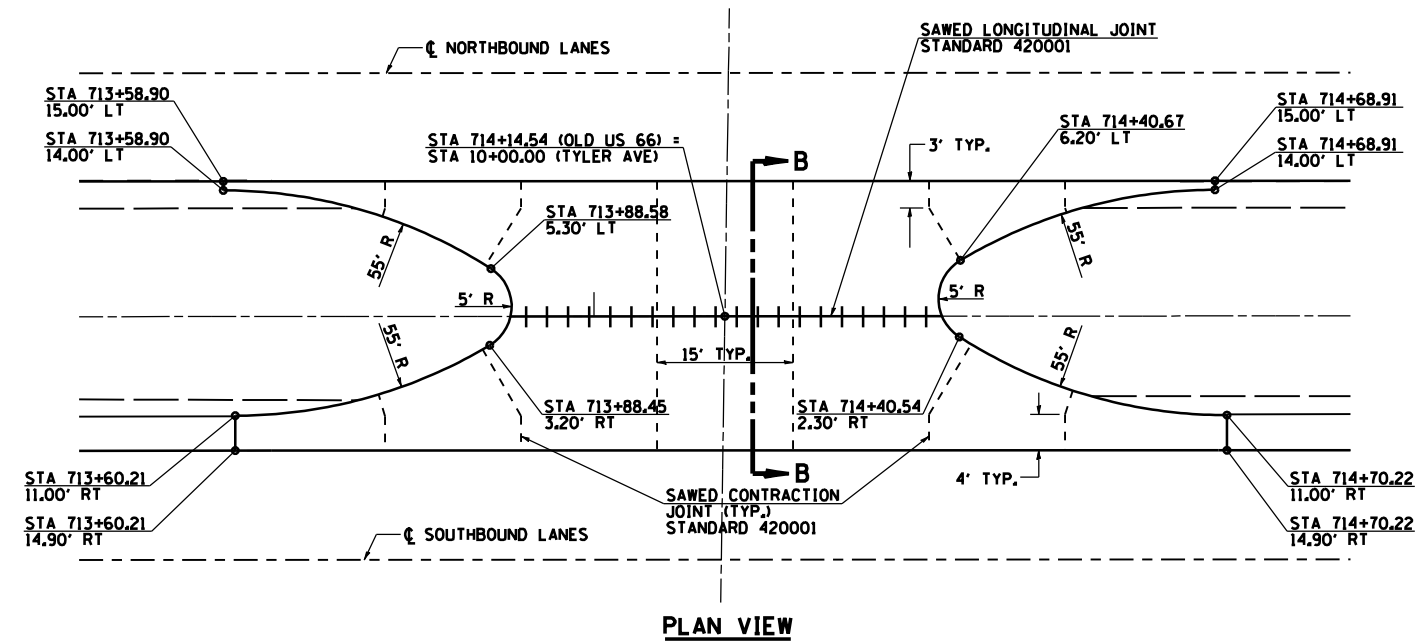
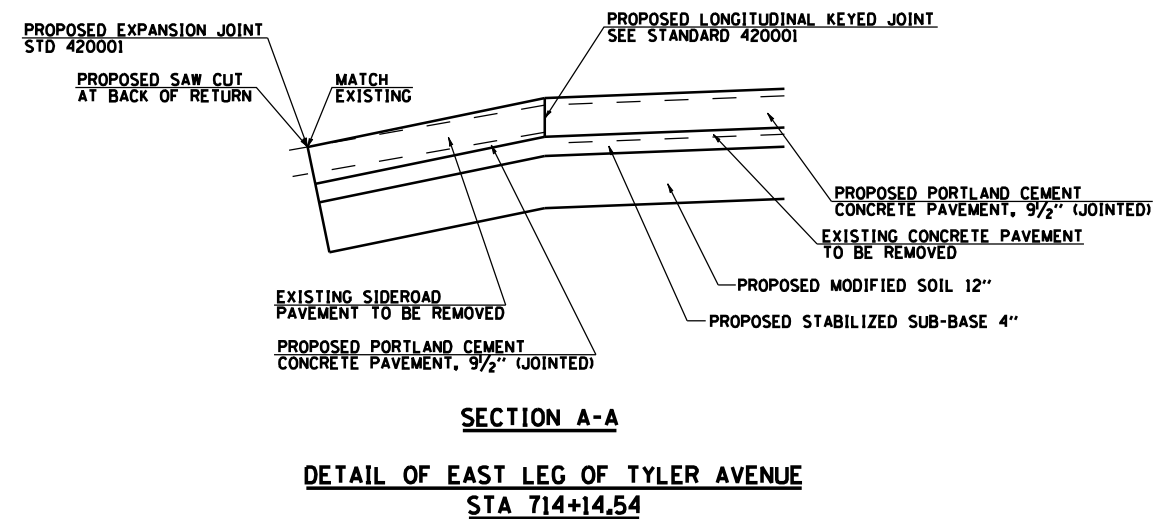
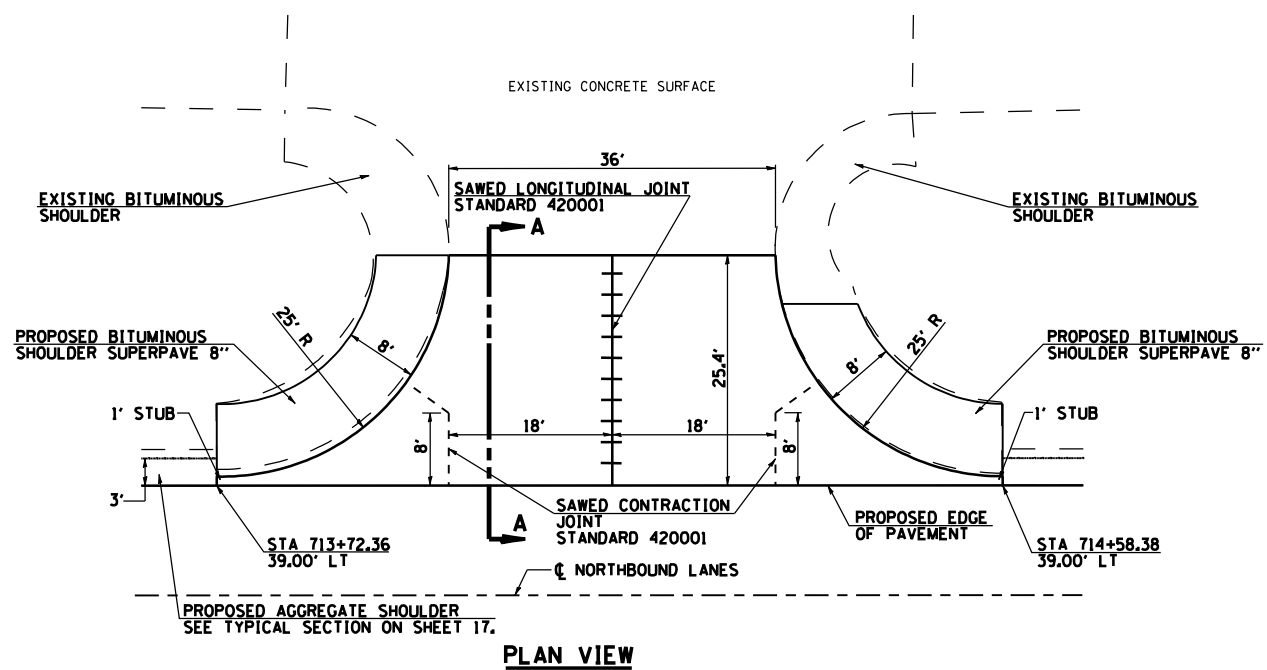
SIDEROAD DETAILS

SCALE: VERT. 1"=4'
 HORIZ. 1"=20'
 DATE: 2/8/2006

DRAWN BY TJD
 CHECKED BY AWM

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	155
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				
** FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)				
** MONTGOMERY & MACOUPIN COUNTIES				

CONTRACT NO. 72526



REVISIONS	
NAME	DATE

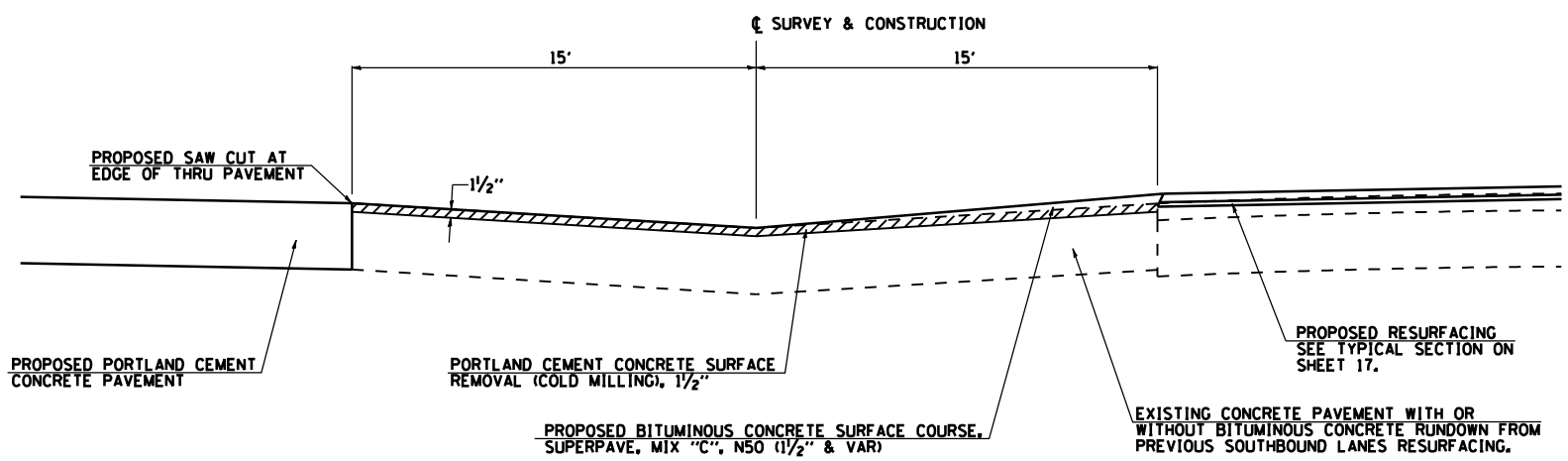
ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DETAILS
TYLER AVENUE

DATE 2/8/2006
DRAWN BY TJD
CHECKED BY AWM

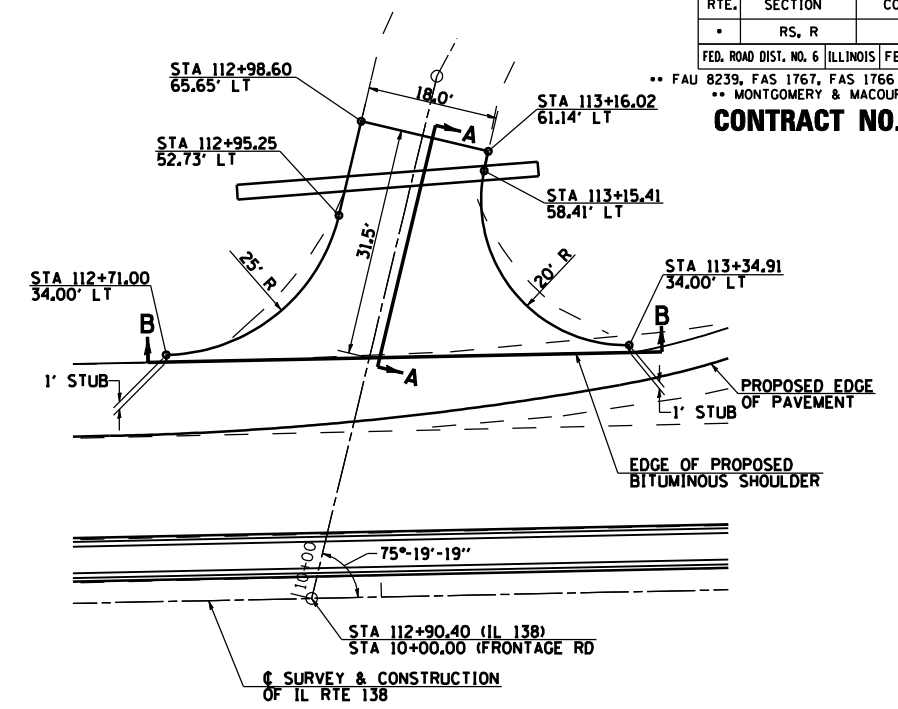
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	RS, R	••	302	156
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT				
** FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)				
** MONTGOMERY & MACOUPIN COUNTIES				

CONTRACT NO. 72526

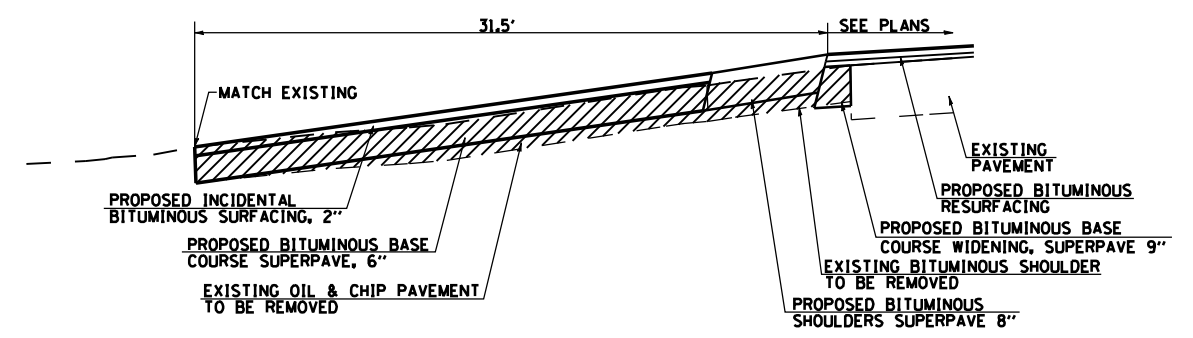


DETAIL OF CROSS-OVERS

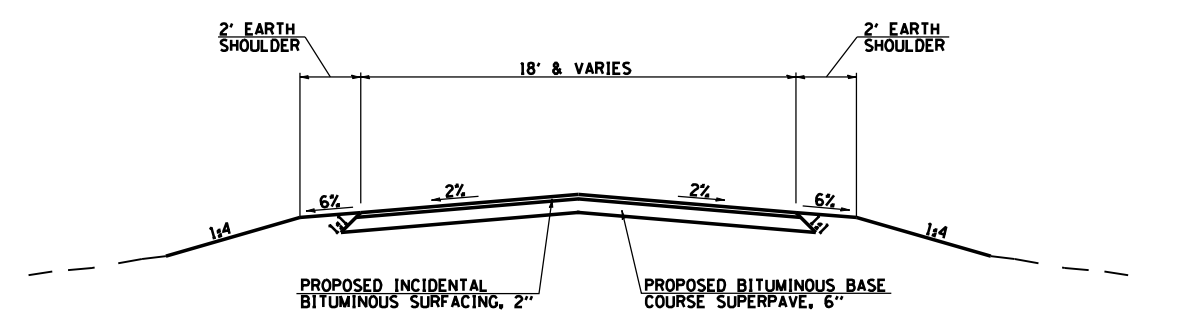
- STA 689+52.55
- STA 699+69.44
- STA 718+43.48
- STA 729+44.90
- STA 744+85.19



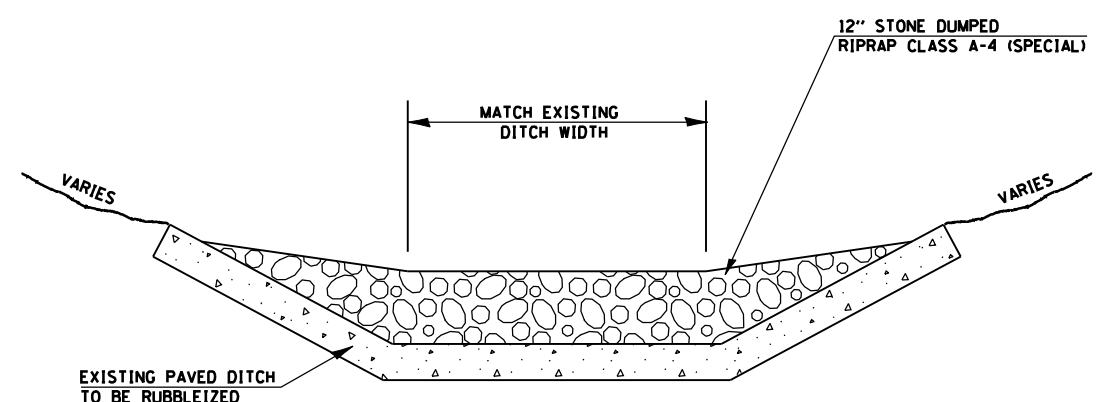
SIDEROAD DETAIL - STA 112+90.40 LT (IL 138)



SECTION A-A



SECTION B-B



TYPICAL APPLICATION OF STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**CROSSOVER/SIDEROAD DETAIL
RIPRAP OVER EXISTING PAVED DITCH**

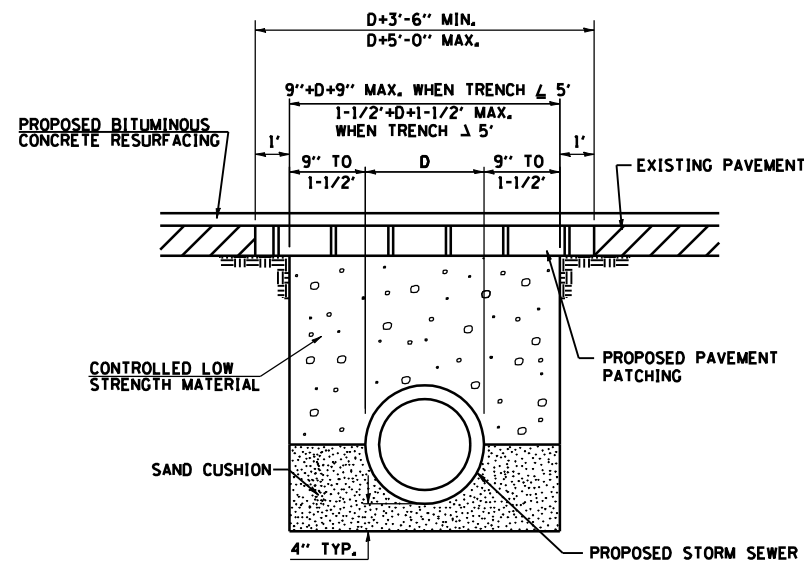
DATE 2/8/2006

DRAWN BY TJD
CHECKED BY AWM

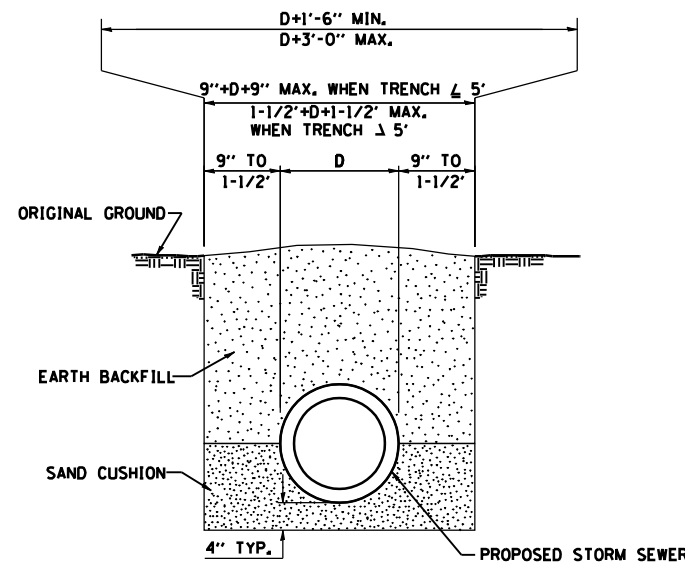
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	RS, R	**	302	157

FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT
 ** FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)
 ** MONTGOMERY & MACOUPIN COUNTIES

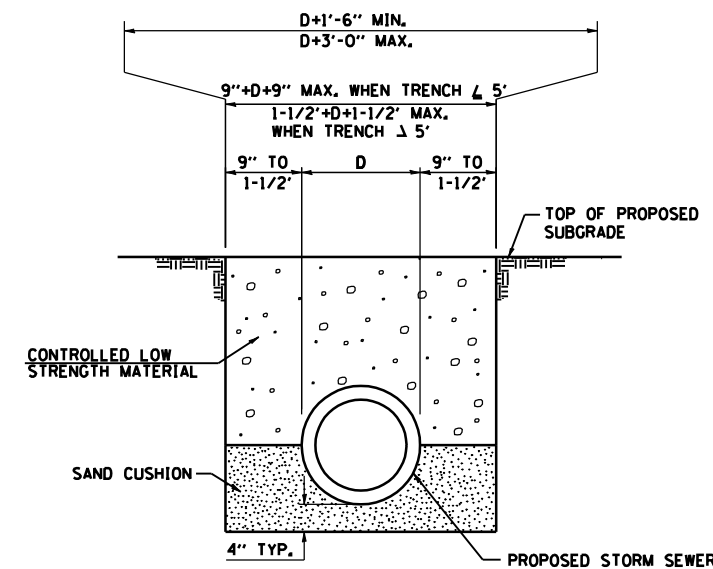
CONTRACT NO. 72526



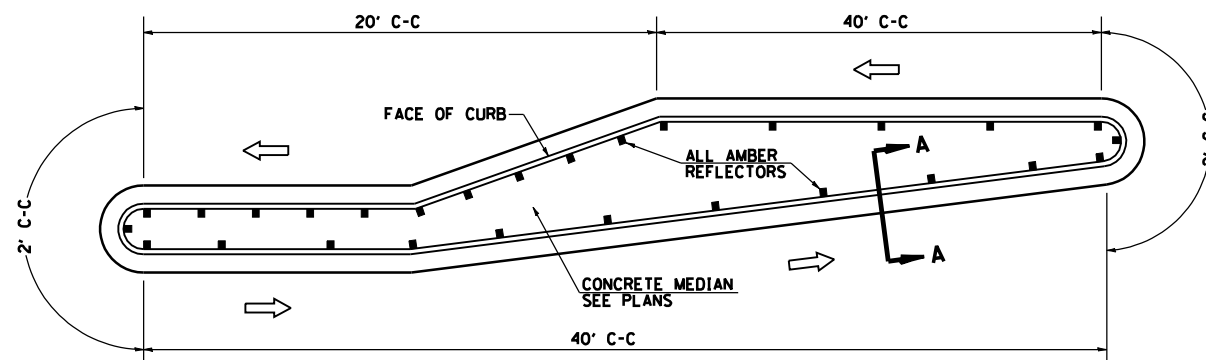
DETAIL OF TRENCH EXCAVATION, PAVEMENT REMOVAL, PAVEMENT REPLACEMENT AND BACKFILL UNDER EXISTING PAVEMENT



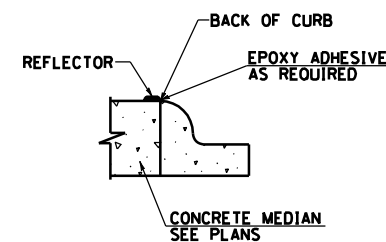
DETAIL OF TRENCH EXCAVATION AND BACKFILL UNDER TURF



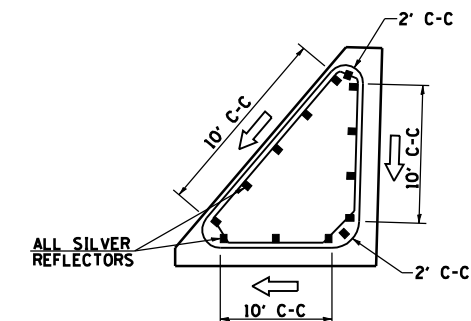
DETAIL OF TRENCH EXCAVATION, AND BACKFILL UNDER PROPOSED ROADWAY PAVEMENT AND ENTRANCES



TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON RAISED MEDIAN



SECTION A-A



TYPICAL PLACEMENT OF PRISMATIC REFLECTORS ON CURBED CORNER ISLAND

- LEGEND**
- ← DIRECTION OF TRAFFIC
 - PRISMATIC REFLECTOR

- NOTES:**
1. PRISMATIC REFLECTORS SHALL BE MONO-DIRECTIONAL UNITS AND THE REFLECTOR FACE SHALL BE POSITIONED TO FACE THE APPROACHING TRAFFIC.
 2. PRISMATIC REFLECTORS SHALL BE SECURED IN PLACE WITH AN EPOXY ADHESIVE.
 3. PRISMATIC REFLECTORS FACE SHALL BE EITHER AMBER OR SILVER IN COLOR.
 4. REFER TO SCHEDULES FOR PRISMATIC REFLECTOR QUANTITIES.

PRISMATIC CURB REFLECTOR DETAIL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

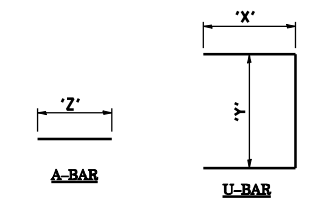
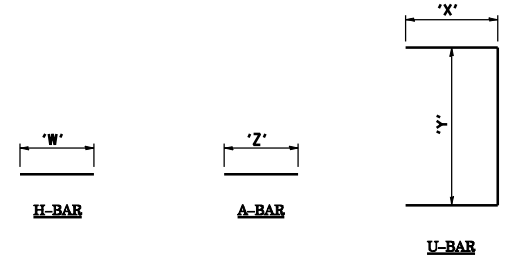
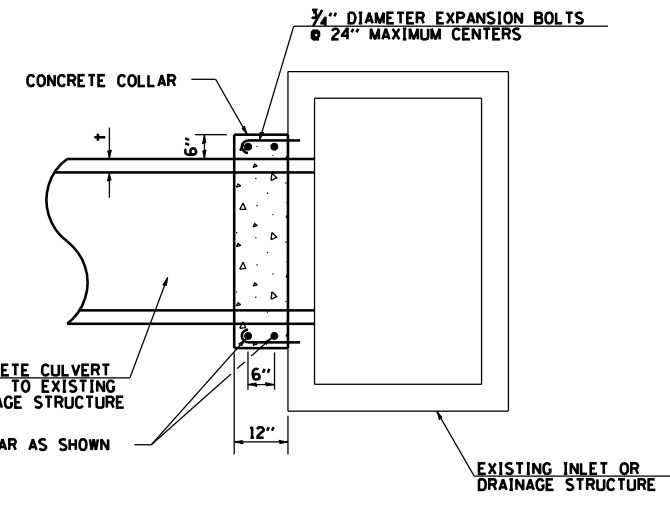
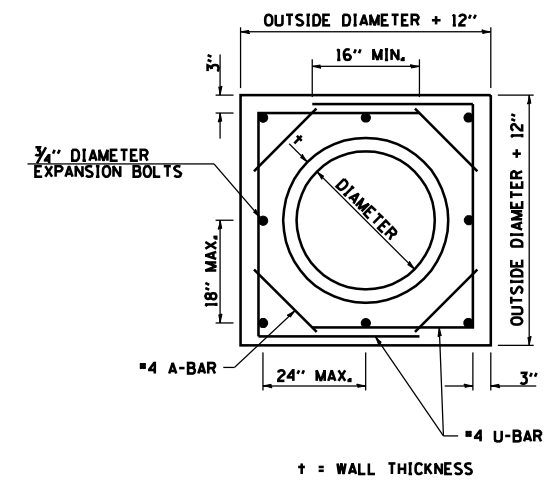
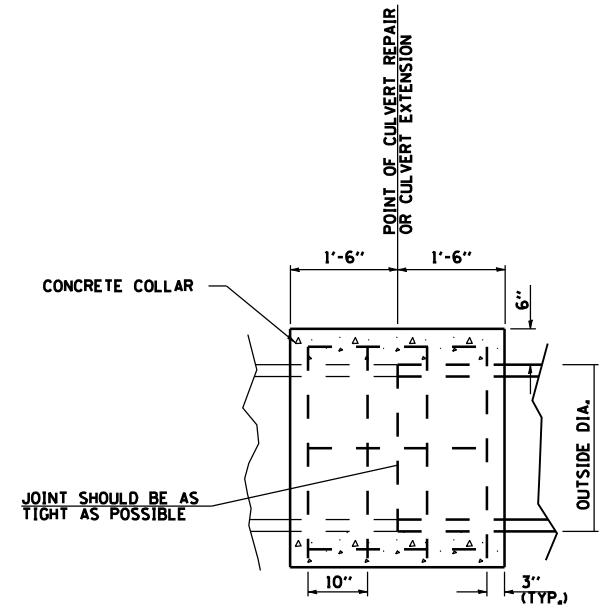
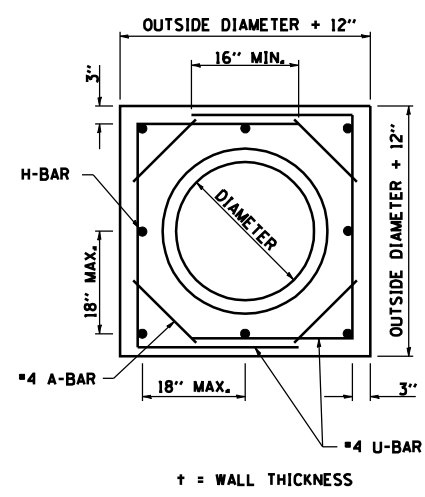
SPECIAL DETAILS

DATE 2/8/2006
 DRAWN BY TJD
 CHECKED BY AWM

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	RS, R	••	302	158

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 • FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66)
 •• MONTGOMERY & MACOUPIN COUNTIES

CONTRACT NO. 72526



LOCATION	PIPE SIZE DIA. IN.	COLLAR DIMENSIONS		A-BAR		U-BAR			H-BAR		CLASS "SI" CONCRETE CU.YD.	REINFORCEMENT BARS POUND	TREATMENT
		WIDTH IN.	HEIGHT IN.	NO.	'Z' IN.	NO.	'X' IN.	'Y' IN.	NO.	'W' IN.			
FAU 8239 (OLD US 66)													
752+98.20	24	42	42	16	16	8	26	36	12	30	0.82	74	PIPE EXTENSION
758+23.10	24	42	42	16	16	8	26	36	12	30	0.82	74	PIPE EXTENSION
FAS 1766 (OLD US 66)													
1150+46.00	36	56	56	16	26	8	33	50	12	30	1.25	95	CULVERT REPAIR
1176+02.70	24	42	42	16	16	8	26	36	12	30	0.82	74	ADD END SECTION
1215+36.00	30	49	49	16	18	8	30	43	12	30	1.02	82	CULVERT REPAIR
1278+30.70	24	42	42	16	16	8	26	36	12	30	0.82	74	CULVERT REPAIR
IL ROUTE 138													
115+00.00	24	42	42	16	16	8	26	36	12	30	0.82	74	PIPE EXTENSION
SBI 16 (OLD US 66)													
1153+42.20	24	42	42	16	16	8	26	36	12	30	0.82	74	ADD END SECTION
1153+97.90	24	42	42	16	16	8	26	36	12	30	0.82	74	ADD END SECTION
1154+19.40	24	42	42	16	16	8	26	36	12	30	0.82	74	ADD END SECTION
1154+63.40	24	42	42	16	16	8	26	36	12	30	0.82	74	ADD END SECTION

CONCRETE COLLAR FOR PIPE CULVERT REPAIR
OR PIPE CULVERT EXTENSION

LOCATION	PIPE SIZE DIA. IN.	COLLAR DIMENSIONS		A-BAR		U-BAR		CLASS "SI" CONCRETE CU.YD.	REINFORCEMENT BARS POUND	3/4" EXPANSION BOLTS EACH
		WIDTH IN.	HEIGHT IN.	'Z' IN.	'X' IN.	'Y' IN.				
FAS 1767 (OLD US 66)										
860+47.40	15	31.5	31.5	18	21	25.5	0.18	24	8	
881+62.50	12	26	26	16	18	20	0.14	20	4	
900+53.40	12	26	26	16	18	20	0.14	20	4	

CONCRETE COLLAR FOR CONNECTION
TO EXISTING DRAINAGE STRUCTURE

REVISIONS	
NAME	DATE

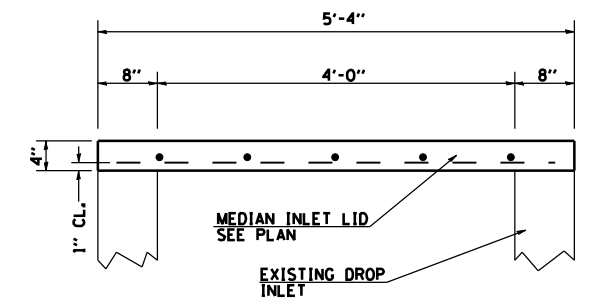
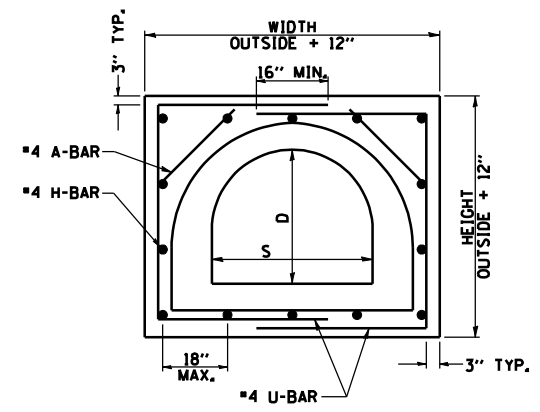
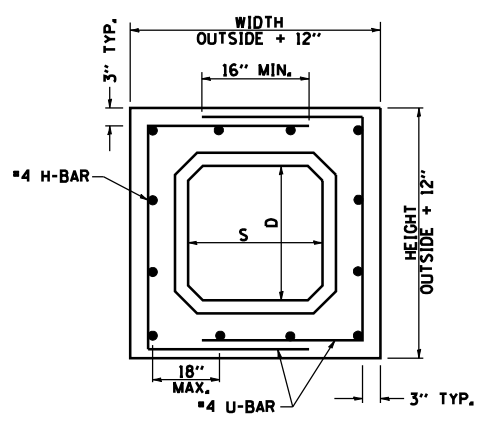
ILLINOIS DEPARTMENT OF TRANSPORTATION

SPECIAL DRAINAGE DETAILS

DATE 2/8/2006
DRAWN BY
CHECKED BY

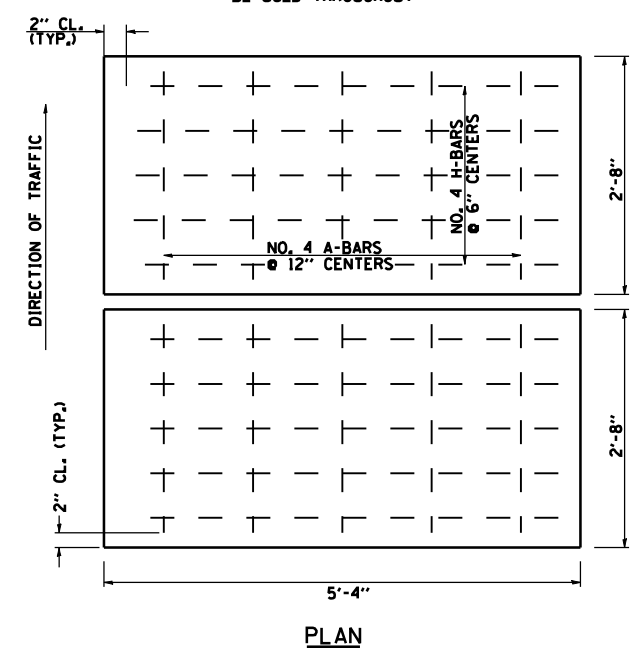
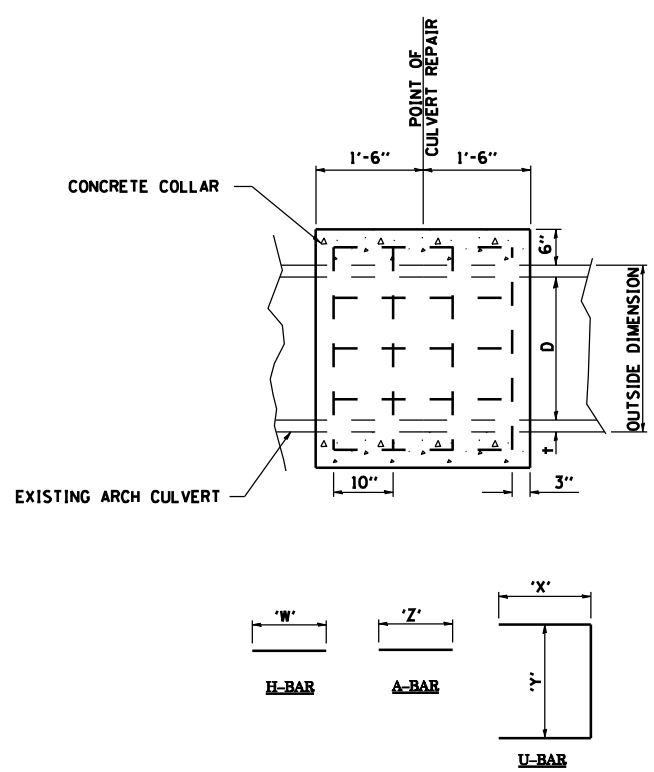
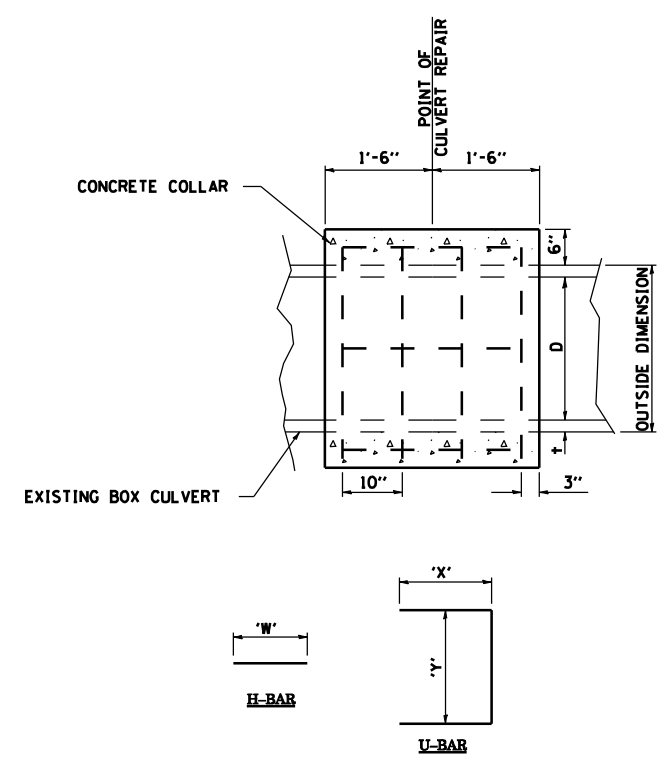
RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	RS, R	••	302	159
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• FAU 8239, FAS 1767, FAS 1766 & SBI 16 (OLD US 66) •• MONTGOMERY & MACOUPIN COUNTIES				

CONTRACT NO. 72526



PARTIAL SECTION

NOTE: CLASS SI CONCRETE SHALL BE USED THROUGHOUT



PLAN

BAR	NO.	LENGTH	CLASS SI CONCRETE CU YD	REINFORCEMENT BARS LBS.
a	10	2'-4"	0.35	49
h	10	5'-0"		

MEDIAN INLET LID DETAIL

STA 738+98 STA 870+25
STA 880+18 STA 881+62
STA 1109+09 STA 1121+65

LOCATION	EXISTING CULVERT SIZE		COLLAR DIMENSIONS		H-BAR		U-BAR			CLASS "SI" CONCRETE CU.YD.	REINFORCEMENT BARS POUND
	S	D	WIDTH	HEIGHT	NO.	'W'	NO.	'X'	'Y'		
	FT		IN.	IN.		IN.		IN.	IN.		
FAS 1766 (OLD US 66)											
1109+09	2'	2'	44	44	12	30	8	27	38	0.70	61

CONCRETE COLLAR DETAILS FOR BOX CULVERT REPAIR

LOCATION	EXISTING CULVERT SIZE		COLLAR DIMENSIONS		A-BAR		H-BAR		U-BAR			CLASS "SI" CONCRETE CU.YD.	REINFORCEMENT BARS POUND
	S	D	WIDTH	HEIGHT	NO.	'Z'	NO.	'W'	NO.	'X'	'Y'		
	FT		IN.	IN.		IN.		IN.		IN.	IN.		
FAS 1766 (OLD US 66)													
981+92	3'	2.5'	66	54	8	23	14	30	8	38	48	1.3	89

CONCRETE COLLAR DETAILS FOR ARCH CULVERT REPAIR

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SPECIAL DRAINAGE DETAILS

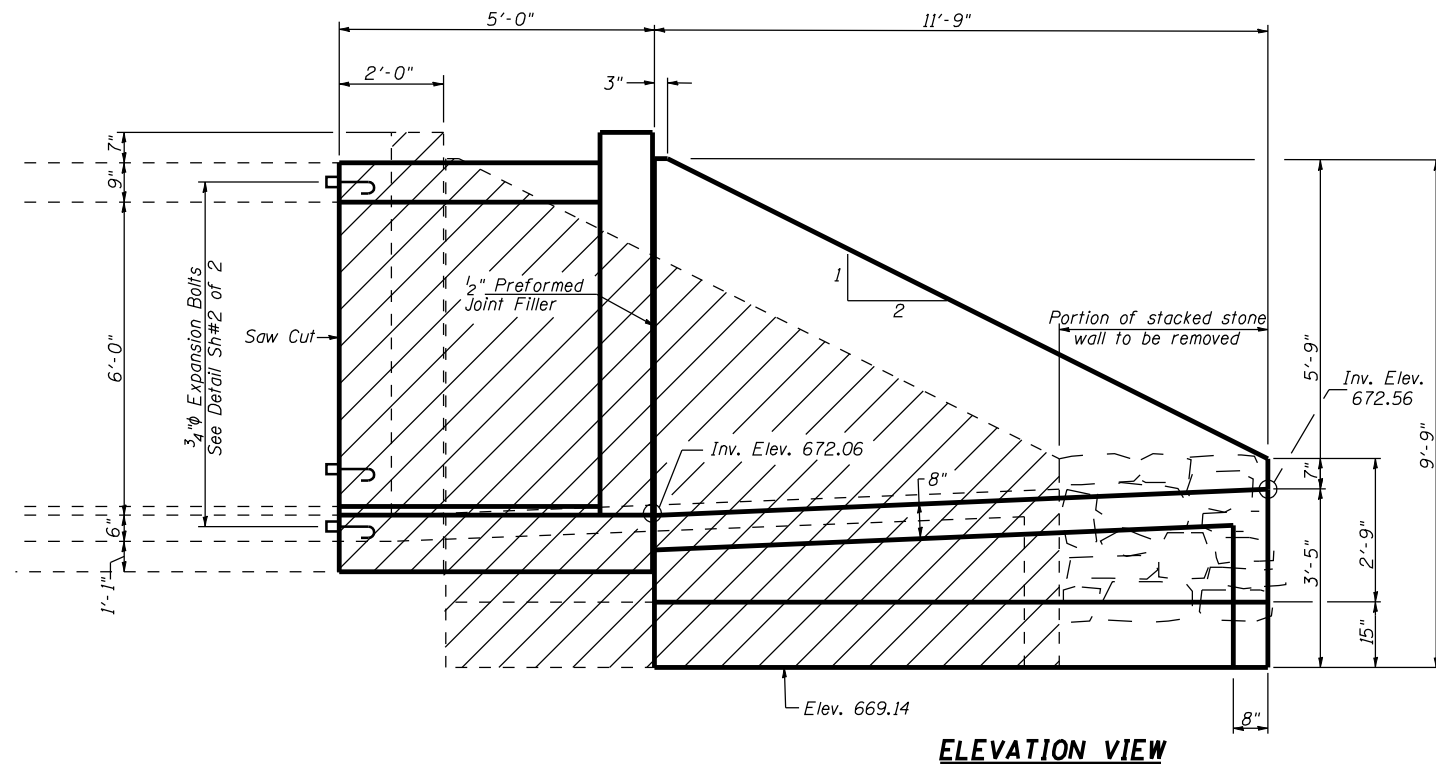
DATE 2/8/2006 DRAWN BY CHECKED BY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 8239	RS,R	MONTGOMERY	302	160
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT:		

SHEET NO. 1
2 SHEETS

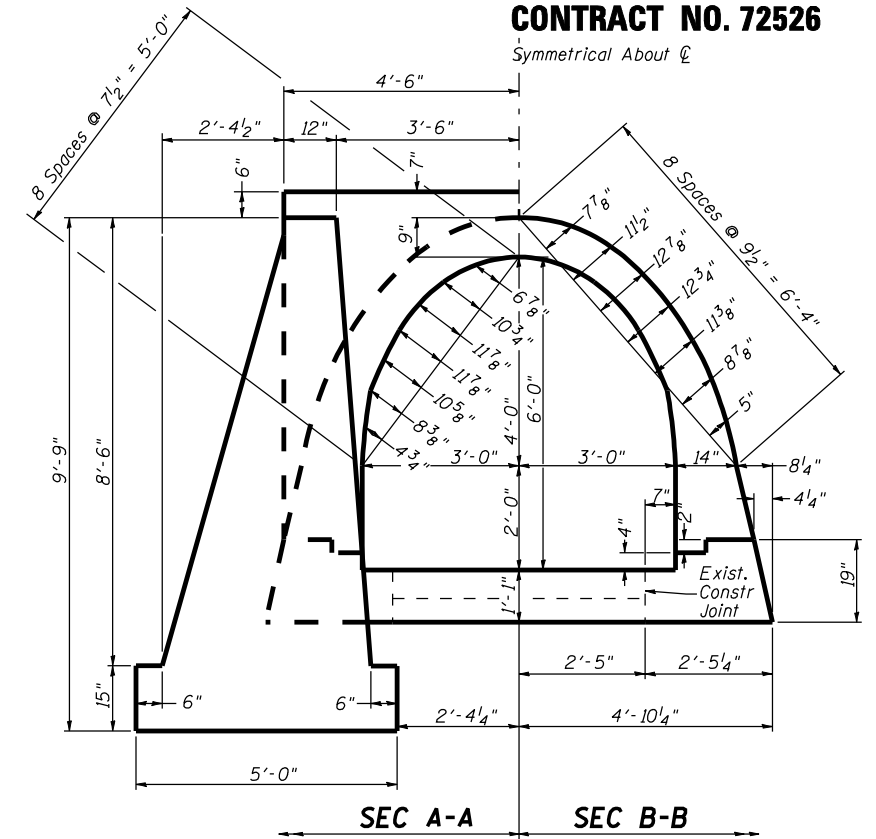
CONTRACT NO. 72526

Symmetrical About \bar{C}

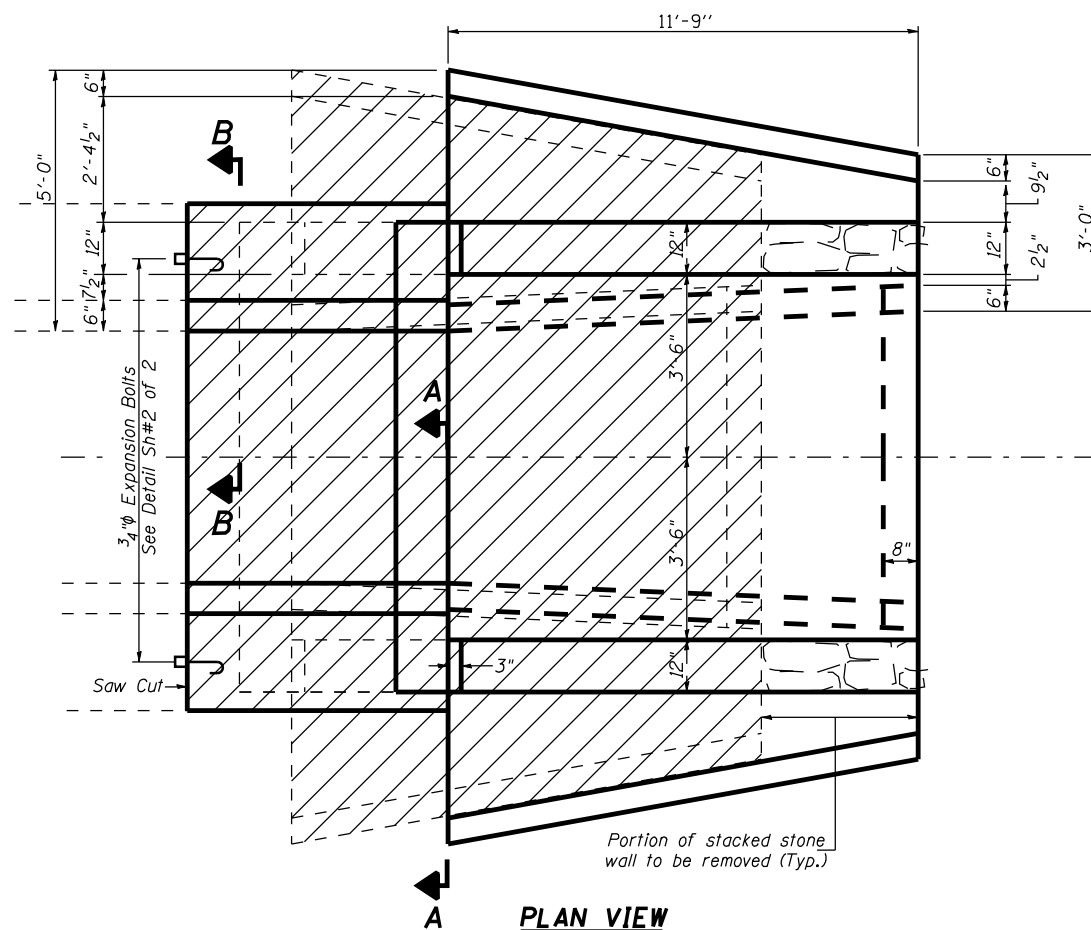


ELEVATION VIEW

Hatched area indicates Concrete Removal. the stacked stone retaining wall shall be included with "Headwall Removal".



SECTION VIEW



PLAN VIEW

TOTAL BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	8	#6	15'-0"	
a1	8	#6	16'-1"	
a2	12	#6	9'-2"	
b	15	#4	6'-3"	
h	62	#4	4'-9"	
h1	14	#4	11'-5"	
h2	10	#4	13'-2"	
h3	4	#4	12'-9"	
h4	4	#6	8'-8"	
h5	12	#4	2'-5"	
t	13	#4	7'-4"	
v	16	#6	3'-2"	
v1	24	#4	11'-8"	
v2	8	#4	6'-7"	
v3	10	#4	2'-3"	
v4	6	#4	5'-9"	
w	12	#4	11'-5"	
ITEM		UNIT	TOTAL	
* Headwall Removal		EACH	1	
Concrete Box Culverts		CU YD	23.1	
Reinforcement Bars		POUND	1,590	
Expansion Bolts 3/4 Inch		EACH	20	

* Approximately 20.0 Cu. Yd. and will include removal of 1'-0" beyond headwall.

GENERAL NOTES

- Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
- Exposed edges shall have a 3/4" chamfer unless otherwise noted.
- For backfilling and embankment see Standard Specifications.
- Existing stacked stone wall shall only be removed to the end of the proposed wingwalls. Cost included with "Headwall Removal".
- In the event the Contractor damages the existing stacked stone wall beyond the end of the proposed wingwalls. The wall shall be returned to its original condition to the satisfaction of the Engineer at no additional cost to the contract.
- Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- Expansion bolts shall be 3/4" diameter hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.
- Proposed arch culvert extension and proposed headwall shall be poured monolithically.

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC
CHECKED	BAN

CULVERT DETAILS
F.A.U. ROUTE 8239
(OLD U.S. ROUTE 66)
SECTION RS,R
MONTGOMERY COUNTY
STATION 765+98.45

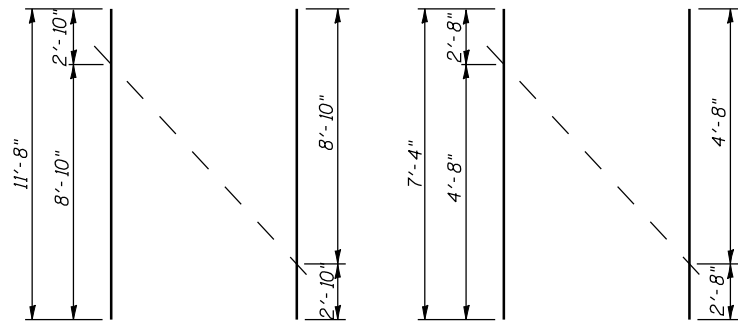
HUTCHISON ENGINEERING, INC.
 JACKSONVILLE, ILLINOIS

Date: 2/8/2006

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 8239	RS,R	MONTGOMERY	302	161
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

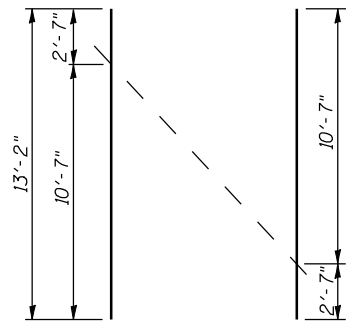
SHEET NO. 2
2 SHEETS

CONTRACT NO. 72526

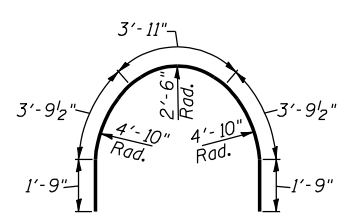


v₁ Bars

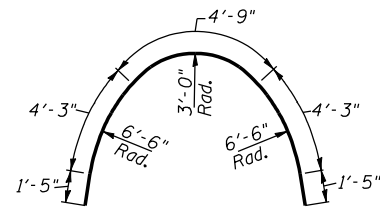
t Bars



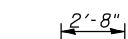
h₂ Bars



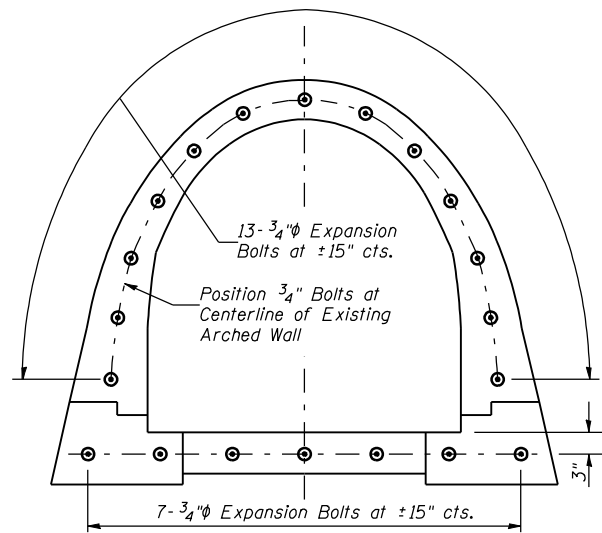
a Bars



a₁ Bars

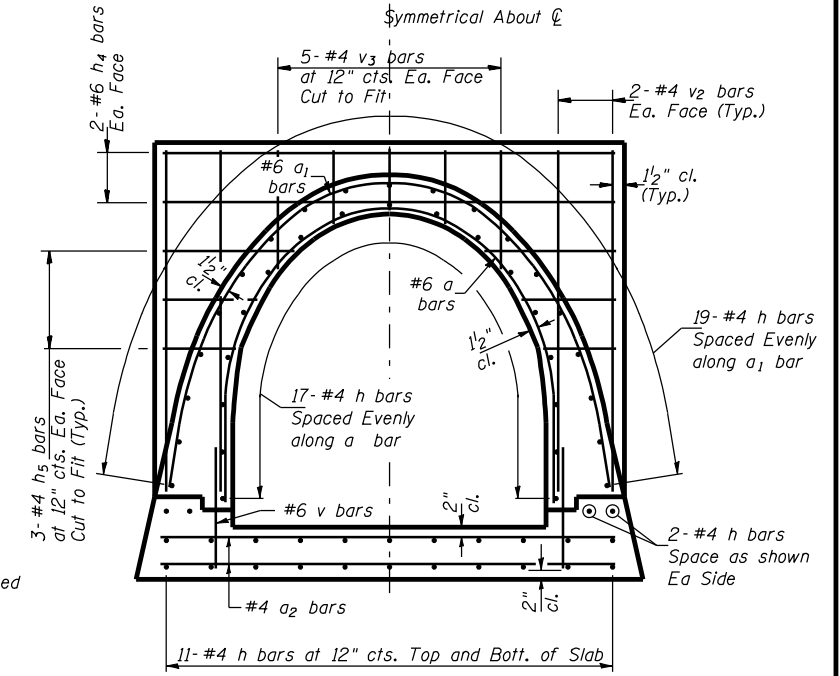
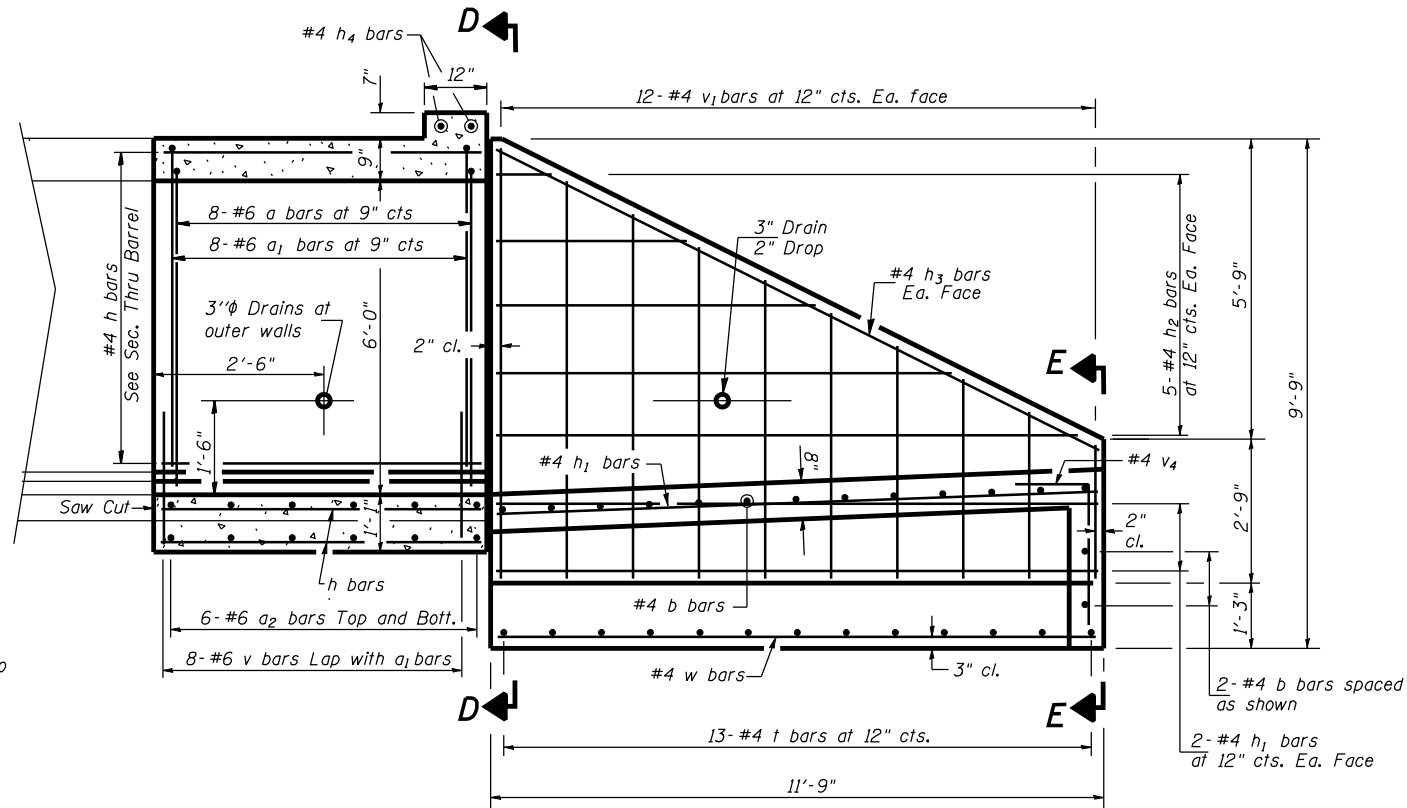


v₄ Bars

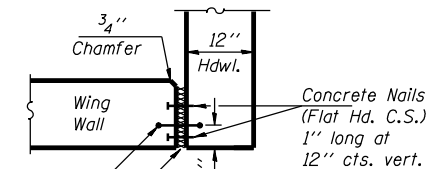


EXPANSION BOLT DETAIL

Expansion bolts shall be 3/4" diameter hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.



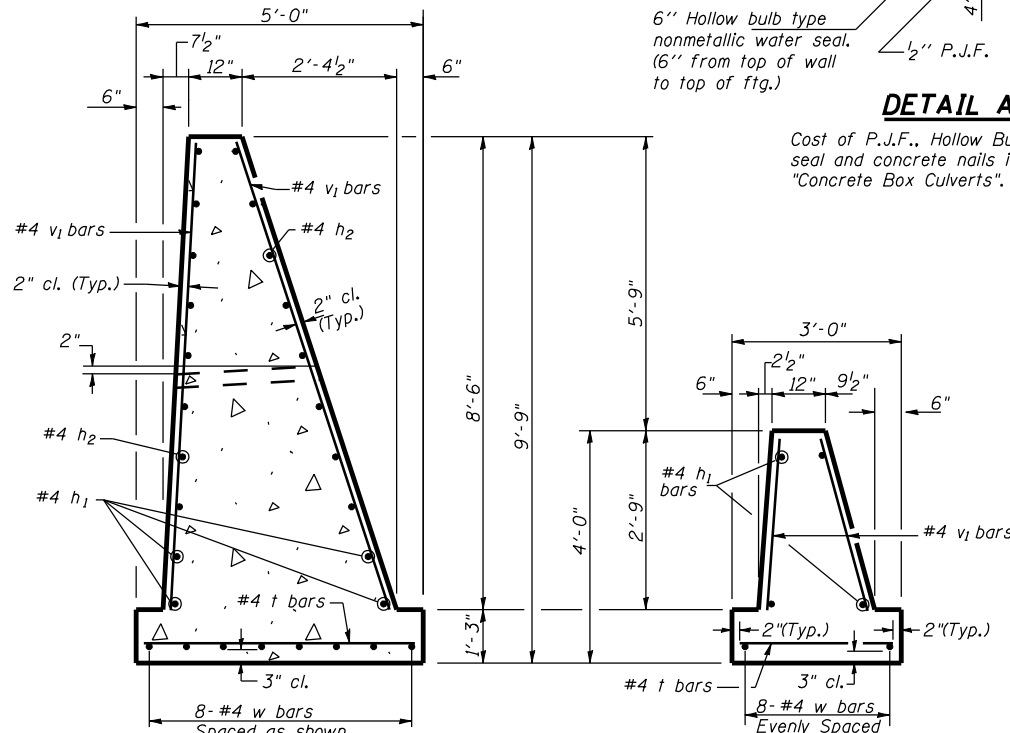
PROPOSED SECTION THRU BARREL



DETAIL A

6" Hollow bulb type nonmetallic water seal. (6" from top of wall to top of ftg.)

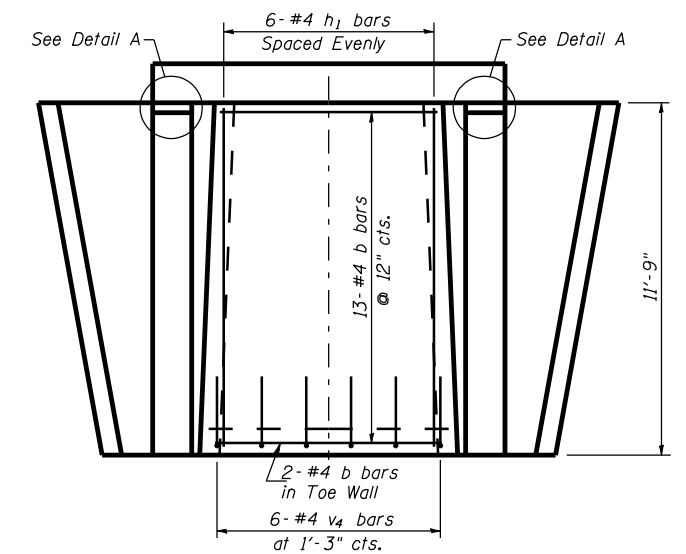
Cost of P.J.F., Hollow Bulb type water seal and concrete nails included with "Concrete Box Culverts".



SECTION D-D

SPECIAL WINGWALL

SECTION E-E



APRON REINFORCEMENT PLAN

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC
CHECKED	BAN

CULVERT DETAILS
F.A.U. ROUTE 8239
(OLD U.S. ROUTE 66)
SECTION RS,R
MONTGOMERY COUNTY
STATION 765+98.45

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

Date: 2/8/2006

ROUTE NO. F.A.U. 8239	SECTION RS,R	COUNTY MONTGOMERY	TOTAL SHEETS 302	SHEET NO. 162
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 1
1 SHEETS

CONTRACT NO. 72526

GENERAL NOTES

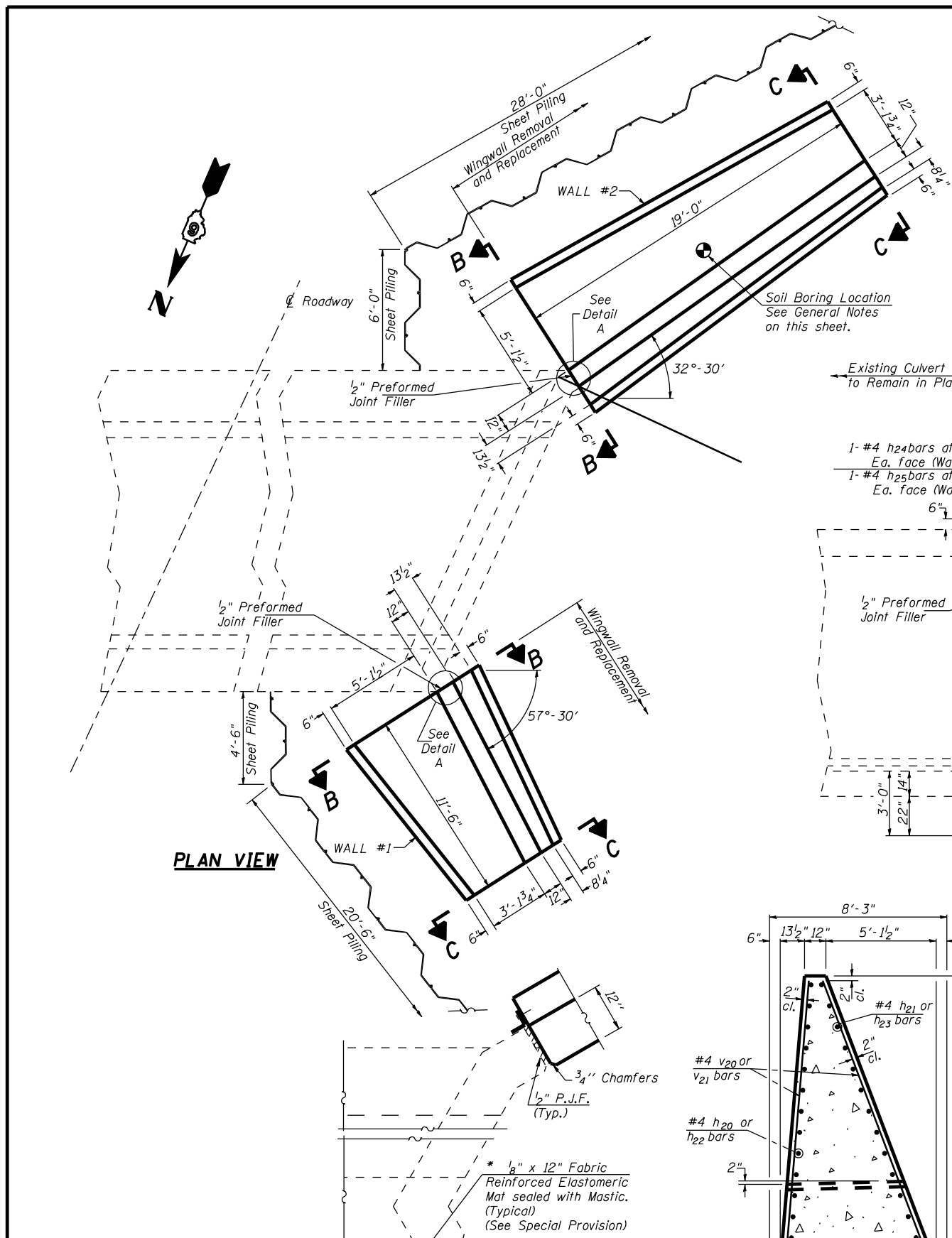
Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
Exposed edges shall have a 3/4" chamfer unless otherwise noted.
For backfilling and embankment see Standard Specifications.
Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Refer to Soil Boring Log for Sta. 778+48, 15' Rt in the Special Provisions.

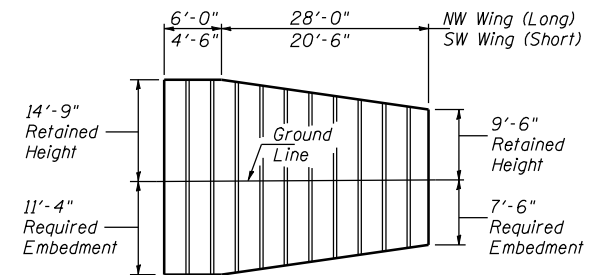
TOTAL BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h20	18	#4	11'-2"	—
h21	8	#4	12'-0"	—
h22	18	#4	18'-8"	—
h23	10	#4	16'-7"	—
h24	2	#4	12'-4"	—
h25	2	#4	19'-4"	—
t20	6	#4	13'-5"	—
t21	10	#4	13'-5"	—
v20	12	#4	22'-11"	—
v21	20	#4	22'-11"	—
w20	9	#4	11'-2"	—
w21	9	#4	18'-8"	—
ITEM			UNIT	TOTAL
Wingwall Removal *			EACH	2
Concrete Box Culverts			CU YD	55.1
Reinforcement Bars			POUND	1390
Temporary Sheet Piling			SQ FT	1318

* Approximately 55.1 Cu Yd of concrete to be removed

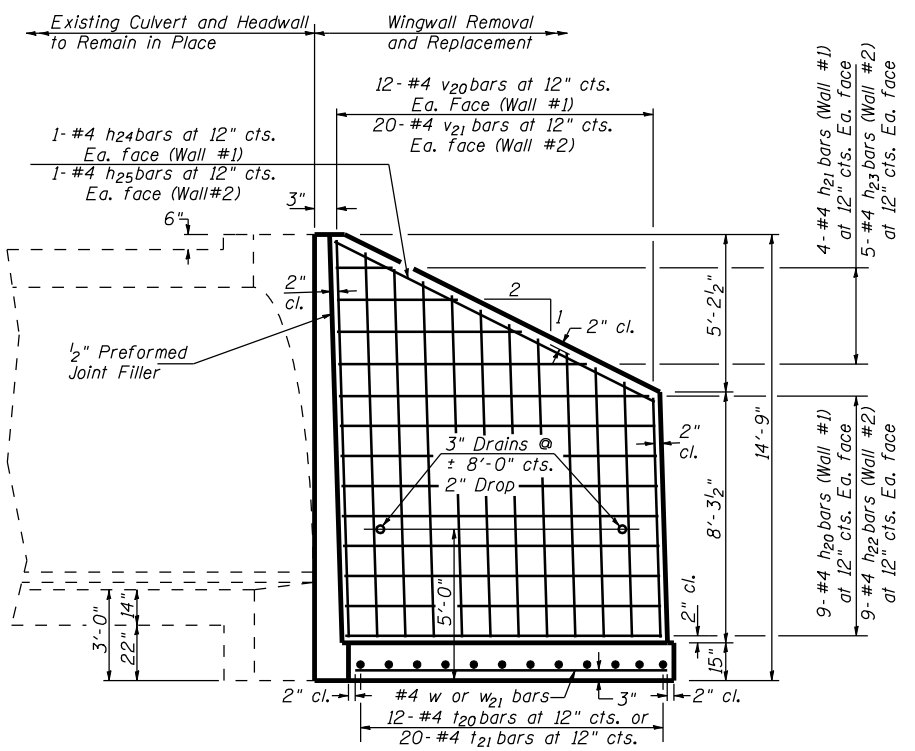


PLAN VIEW

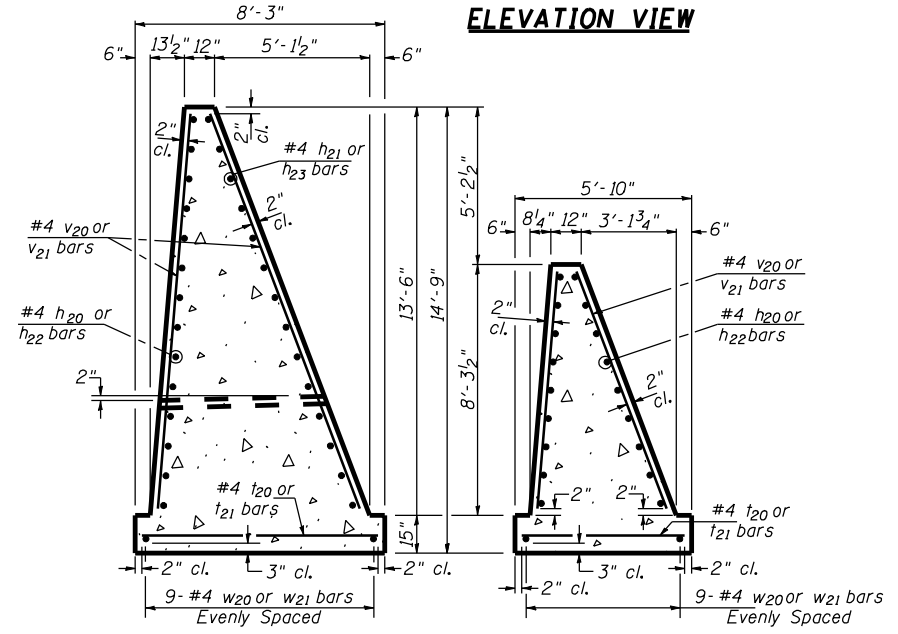


TEMPORARY SHEET PILING

The Contractor is responsible for retaining the soil on the culvert.
Minimum Section Modulus of Temporary Sheet Piling shall be 20 in³/ft.
If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

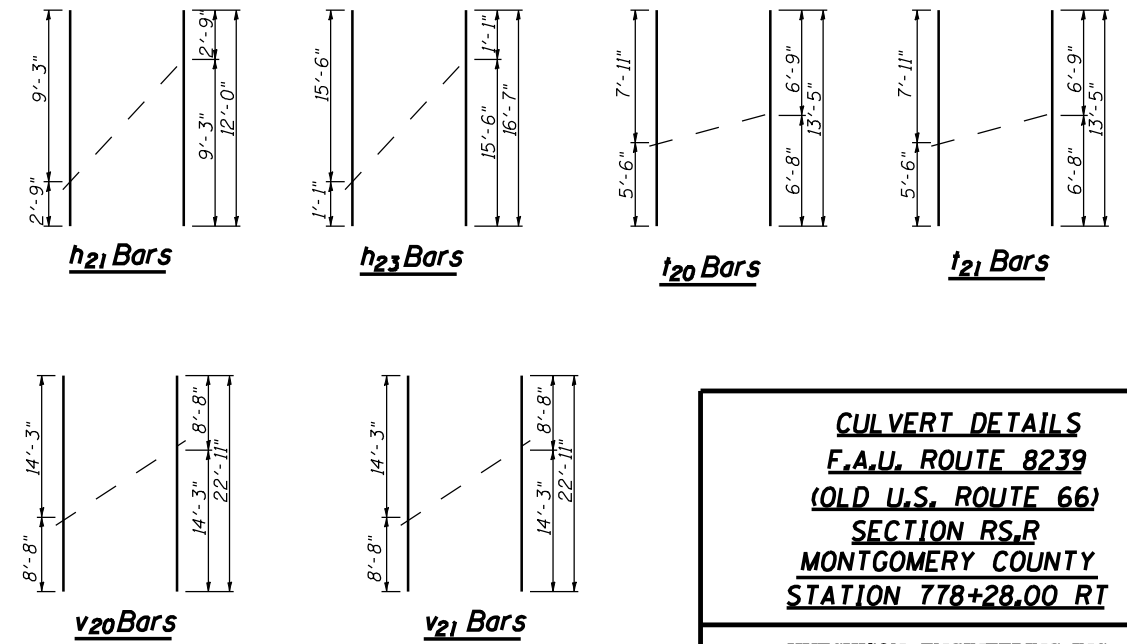


ELEVATION VIEW



SECTION B-B

SECTION C-C



* Concrete Nails
(Flat Hd. C.S.)
1" long at
12" cts. (Typ.)
(In Wingwall Only)

* 1/2" x 12" Fabric
Reinforced Elastomeric
Mat sealed with Mastic.
(Typical)
(See Special Provision)

* Cost included with Concrete Box Culverts.

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC
CHECKED	JOH

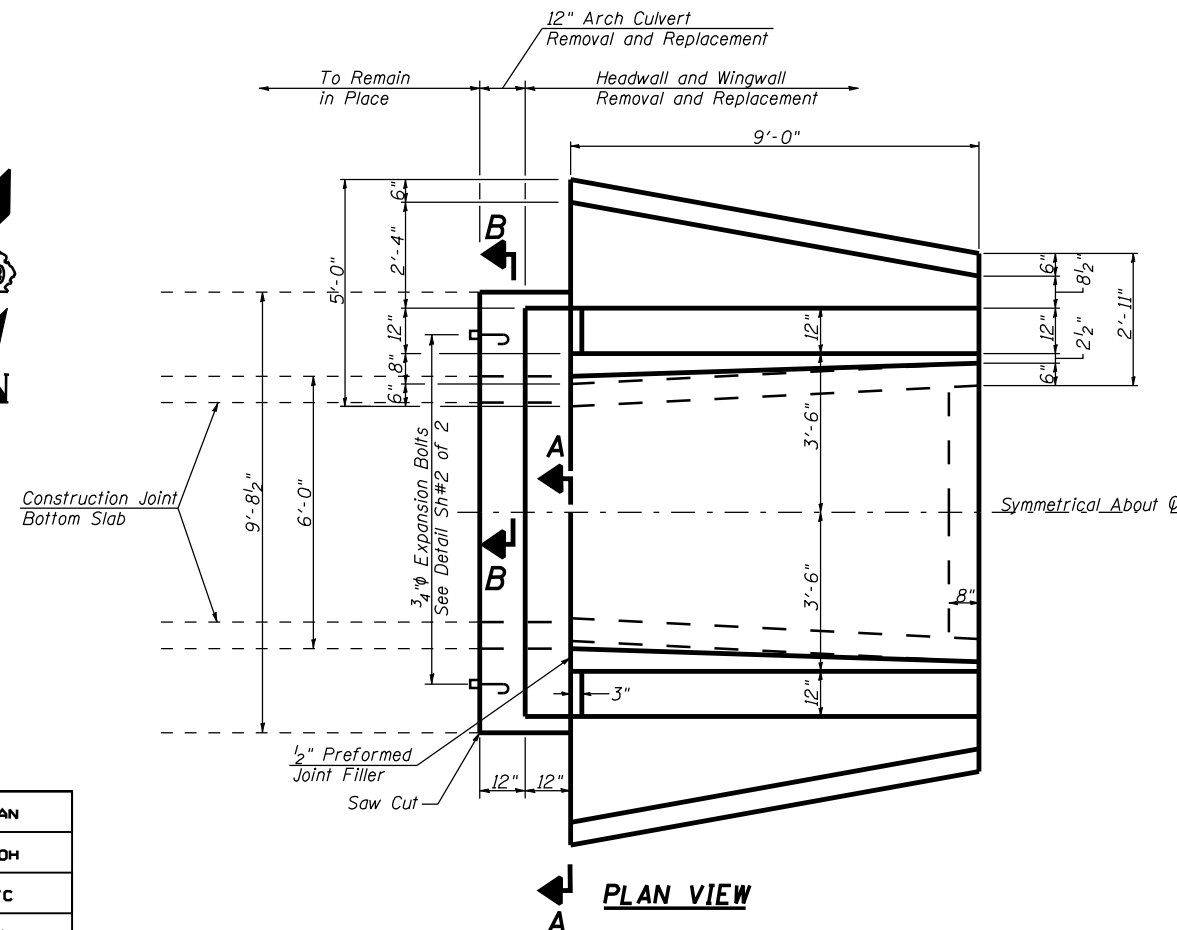
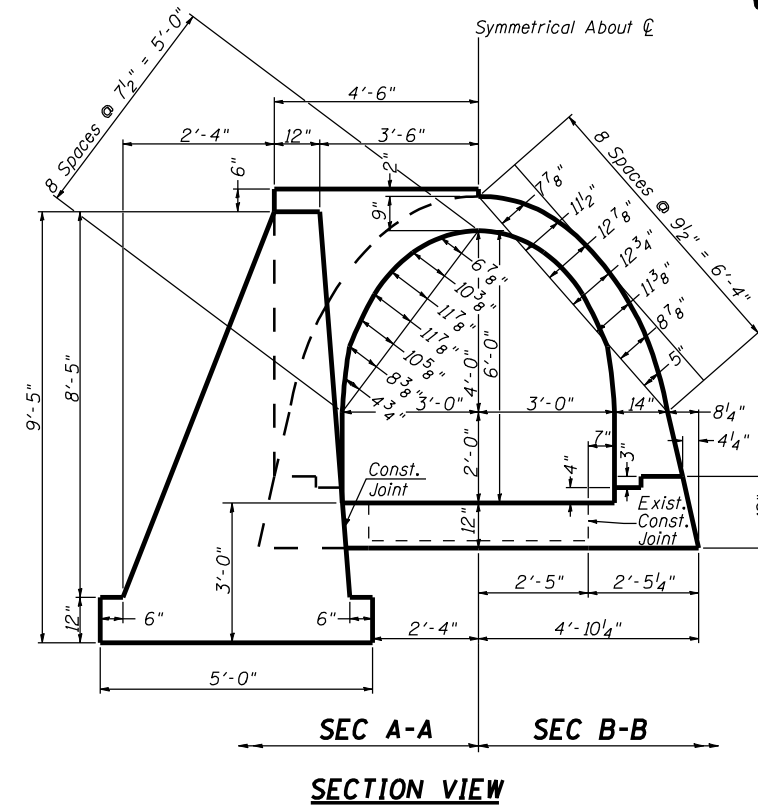
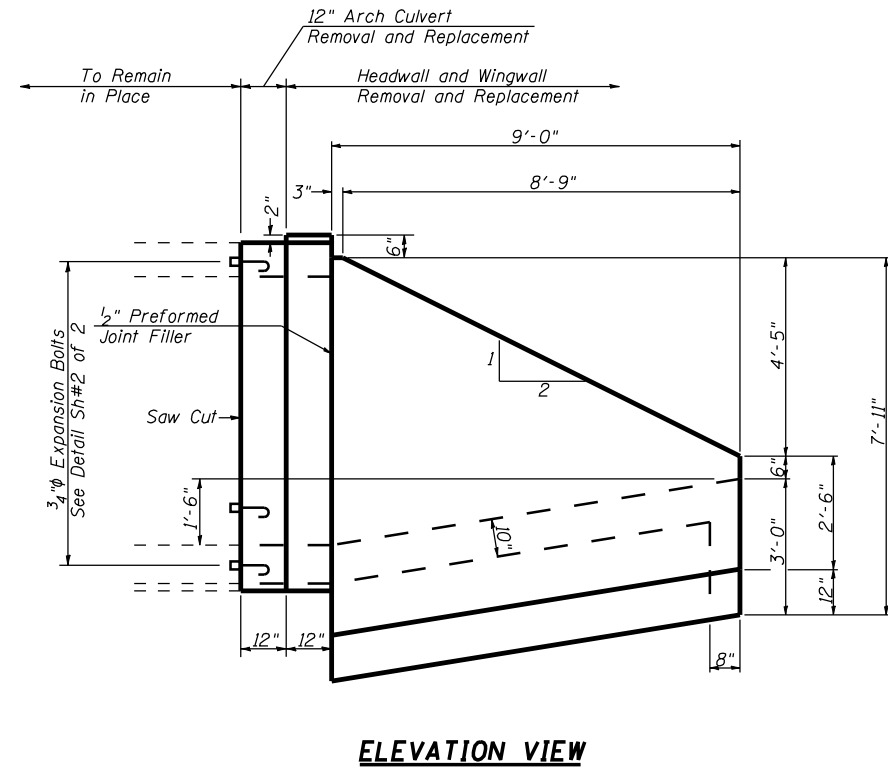
CULVERT DETAILS
F.A.U. ROUTE 8239
(OLD U.S. ROUTE 66)
SECTION RS,R
MONTGOMERY COUNTY
STATION 778+28.00 RT

HUTCHISON ENGINEERING, INC.
 JACKSONVILLE, ILLINOIS

ROUTE NO. F.A.U. 8239	SECTION RS,R	COUNTY MONTGOMERY	TOTAL SHEETS 302	SHEET NO. 163
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

SHEET NO. 1
2 SHEETS

CONTRACT NO. 72526



TOTAL BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a ₁₀	2	#6	15'-0"	⤿
a ₁₁	2	#6	16'-1"	⤿
a ₁₂	4	#6	9'-2"	—
b ₁₀	12	#4	6'-3"	—
h ₁₀	62	#4	1'-9"	—
h ₁₁	16	#4	8'-7"	—
h ₁₂	16	#4	8'-5"	—
h ₁₃	4	#4	9'-9"	—
h ₁₄	2	#6	8'-8"	—
h ₁₅	12	#4	2'-5"	—
h ₁₆	6	#4	8'-10"	—
t ₁₀	10	#4	7'-4"	—
v ₁₀	4	#6	3'-2"	—
v ₁₁	20	#4	10'-11"	—
v ₁₂	8	#4	6'-3"	—
v ₁₃	10	#4	2'-0"	—
v ₁₄	6	#4	5'-4"	┌
w ₁₀	12	#4	8'-10"	—
ITEM		UNIT	TOTAL	
* Headwall Removal		EACH	1	
Concrete Box Culverts		CU YD	16.0	
Reinforcement Bars		POUND	920	
Expansion Bolts 3/4 Inch		EACH	20	

* Approximately 16.0 Cu. Yd. and will include removal of 1'-0" beyond headwall.

GENERAL NOTES

Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.

Exposed edges shall have a 3/4" chamfer unless otherwise noted.

For backfilling and embankment see Standard Specifications.

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Expansion bolts shall be 3/4" diameter hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.

Proposed arch culvert extension and proposed headwall shall be poured monolithically.

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC
CHECKED	BAN

CULVERT DETAILS
F.A.U. ROUTE 8239
(OLD U.S. ROUTE 66)
SECTION RS,R
MONTGOMERY COUNTY
STATION 779+10.00 RT

HUTCHISON ENGINEERING, INC.
 JACKSONVILLE, ILLINOIS

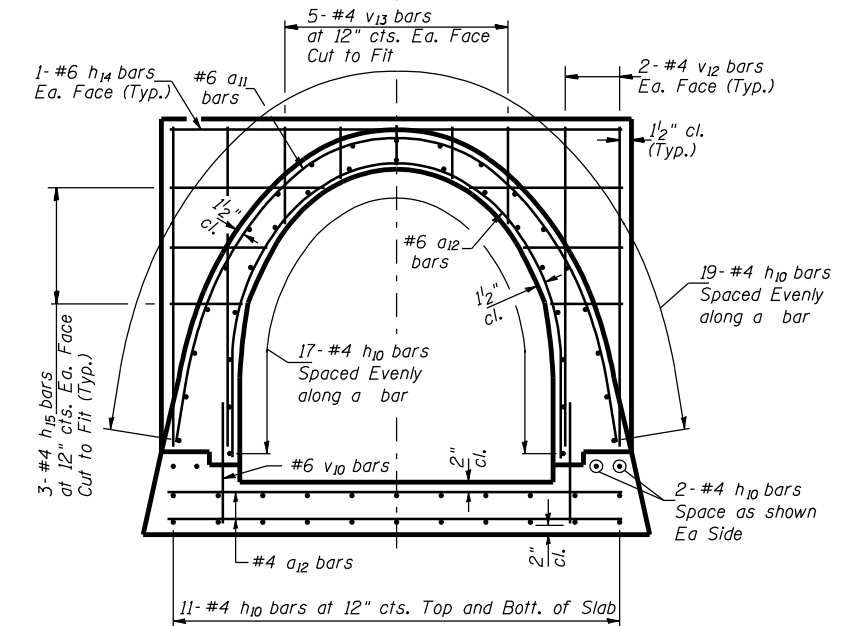
Date: 2/8/2006

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.U. 8239	RS,R	MONTGOMERY	302	164
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

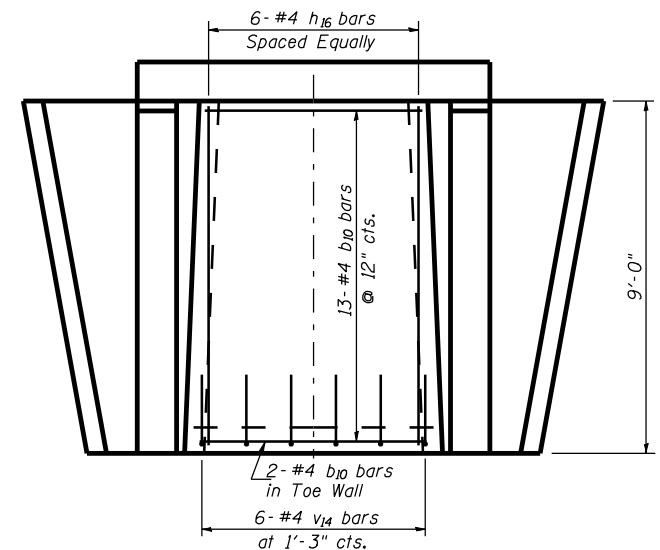
SHEET NO. 2
2 SHEETS

CONTRACT NO. 72526

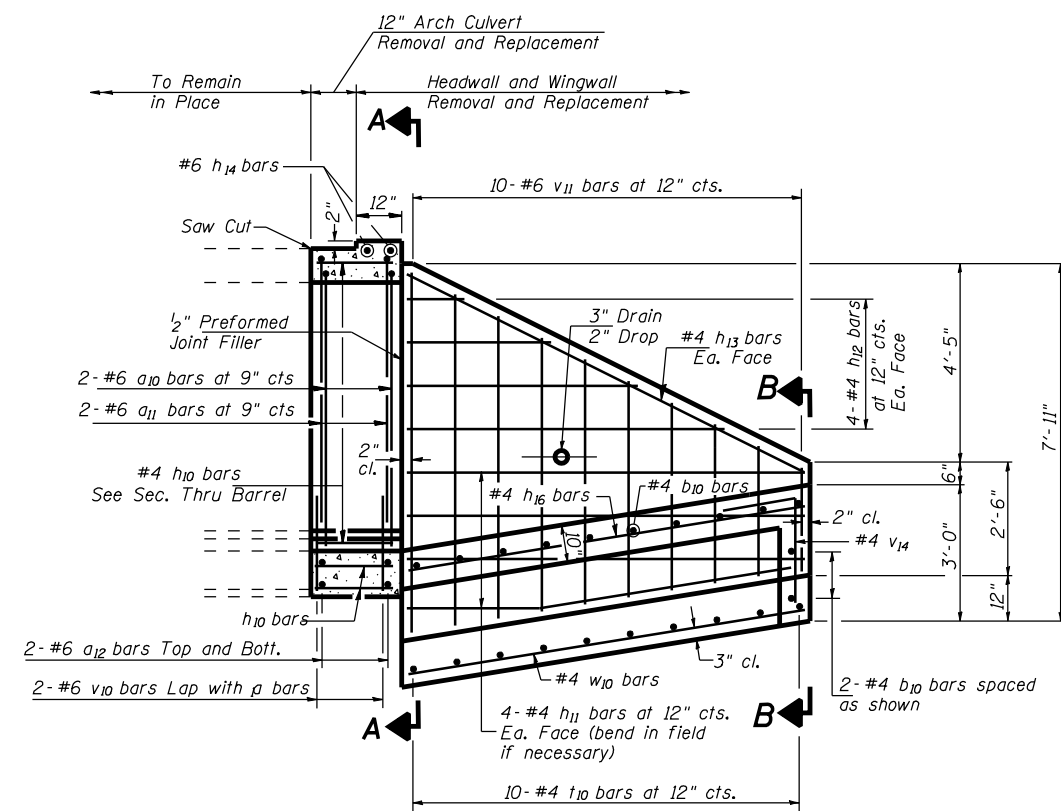
Symmetrical About \bar{C}



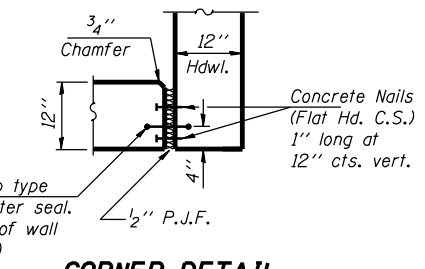
PROPOSED SECTION THRU BARREL



APRON REINFORCEMENT PLAN

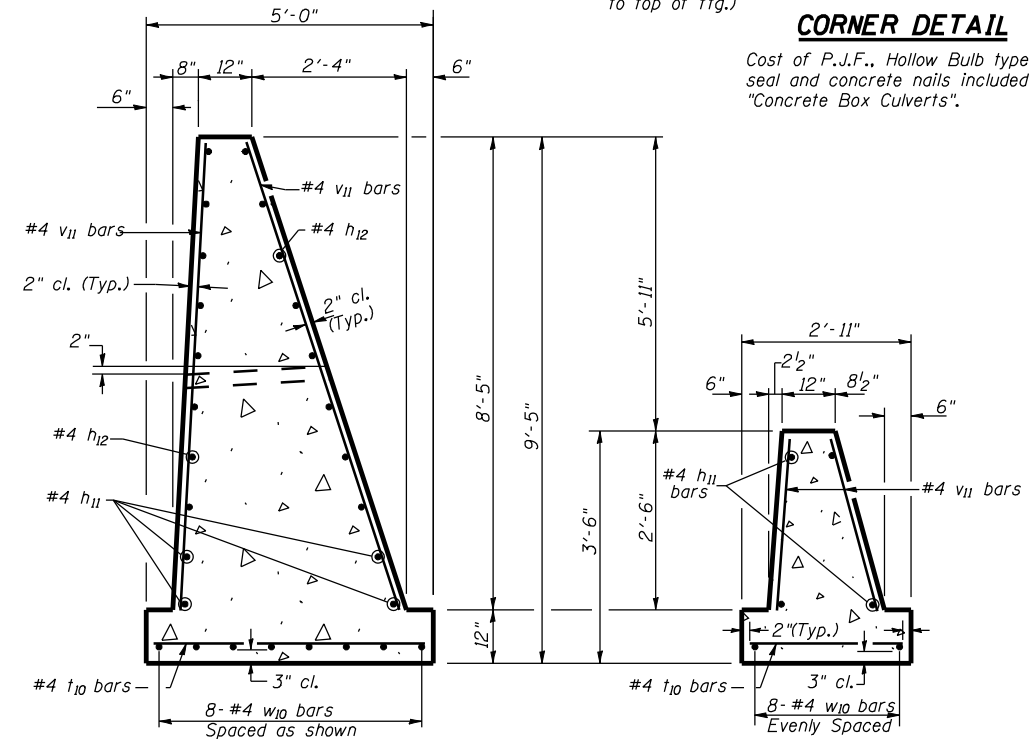


ELEVATION VIEW

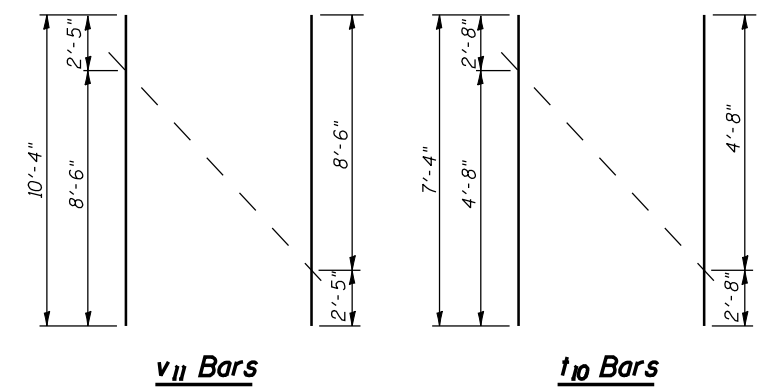


CORNER DETAIL

Cost of P.J.F., Hollow Bulb type water seal and concrete nails included with "Concrete Box Culverts".

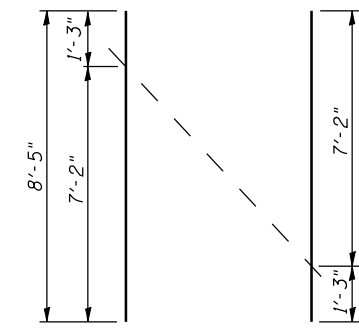


SECTION A-A
SECTION B-B
SPECIAL WINGWALL



v₁₁ Bars

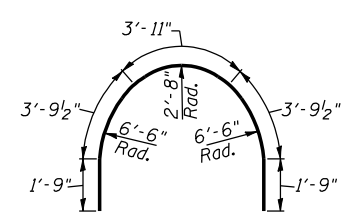
t₁₀ Bars



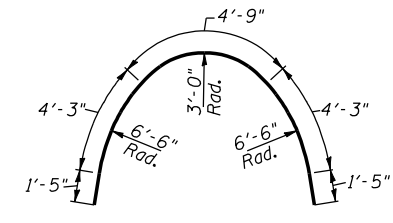
h₁₂ Bars

FIELD CUTTING DIAGRAMS

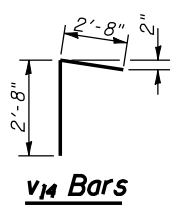
Order h₁₂, t & v₁₁ bars full length, cut to fit according to Field Cutting Diagrams shown.



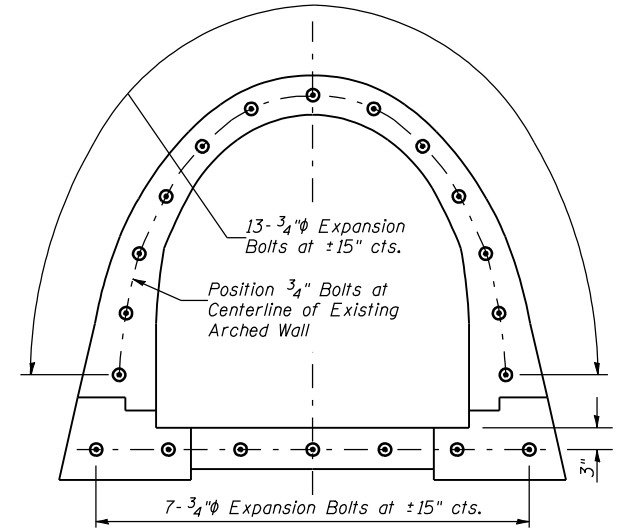
a₁₀ Bars



a₁₁ Bars



v₁₄ Bars



EXPANSION BOLT DETAIL

Expansion bolts shall be 3/4 inch diameter hooked bolts. Hooked bolts shall extend a minimum of 9" into new concrete.

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC
CHECKED	BAN

CULVERT DETAILS
F.A.U. ROUTE 8239
(OLD U.S. ROUTE 66)
SECTION RS,R
MONTGOMERY COUNTY
STATION 779+10.00 RT

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

Date: 2/8/2006

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1766	RS,R	MACOUPIN	302	165
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

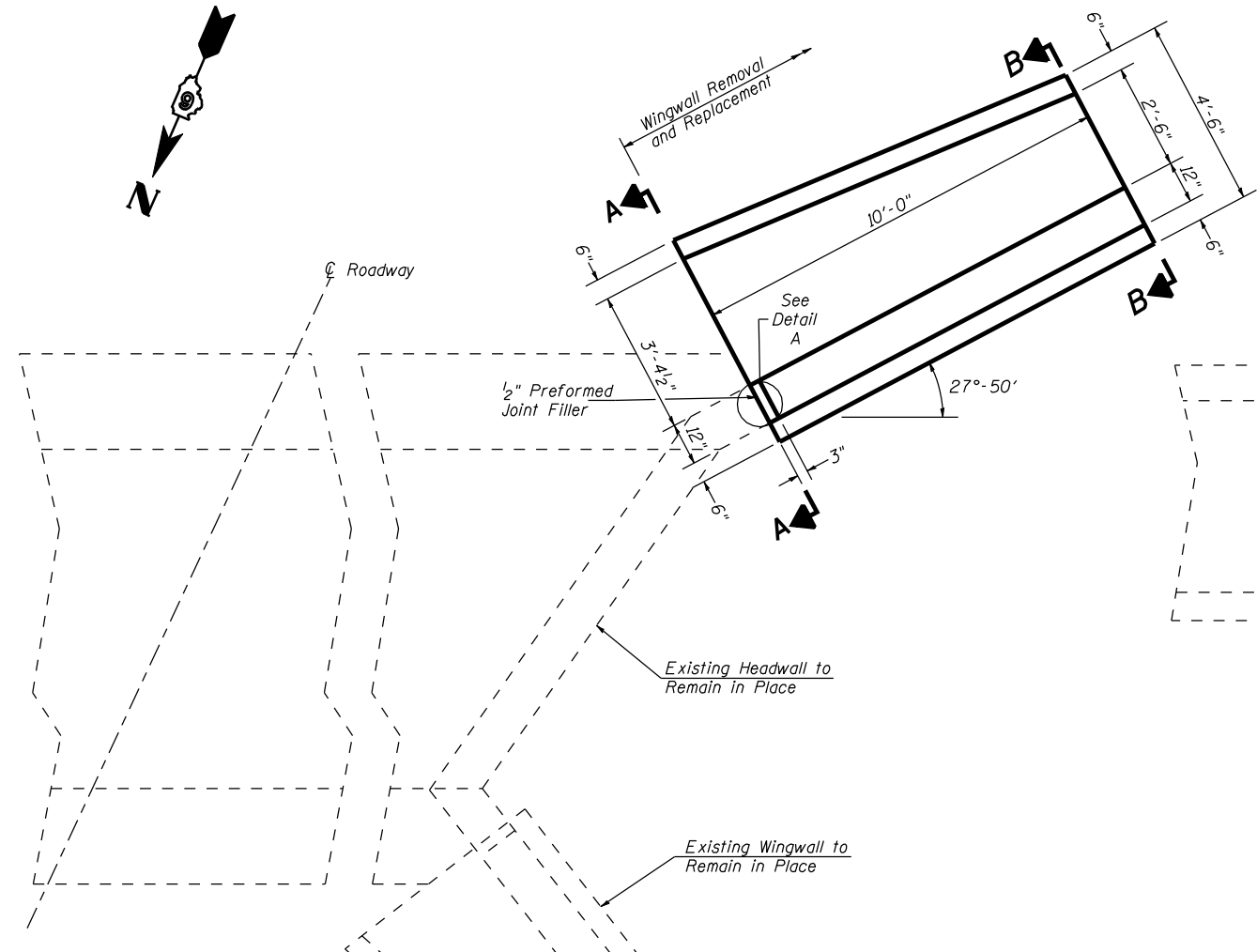
SHEET NO. 1
1 SHEETS

CONTRACT NO. 72526

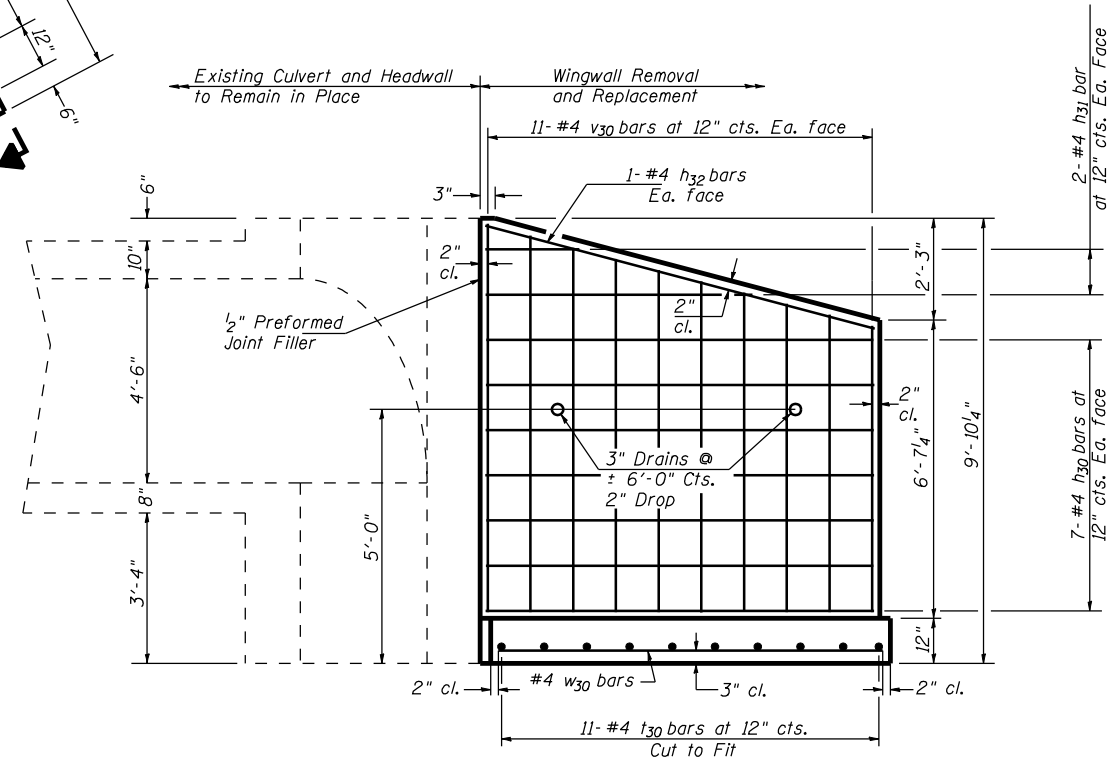
TOTAL BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h30	14	#4	9'-8"	—
h31	2	#4	10'-0"	—
h32	2	#4	9'-11"	—
t30	11	#4	5'-0"	—
v30	11	#4	16'-1"	—
w30	6	#4	9'-8"	—
ITEM		UNIT	TOTAL	
Wingwall Removal *		EACH	1	
Concrete Box Culverts		CU YD	9.0	
Reinforcement Bars		POUND	310	

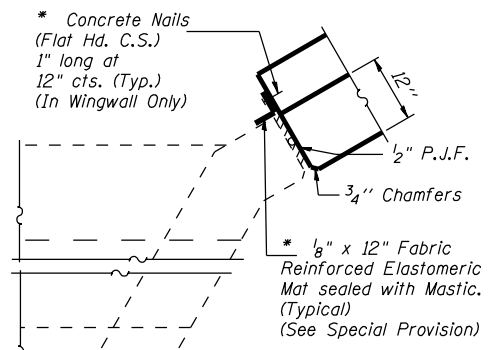
* Approximately 9.0 Cu Yd of concrete to be removed



PLAN VIEW

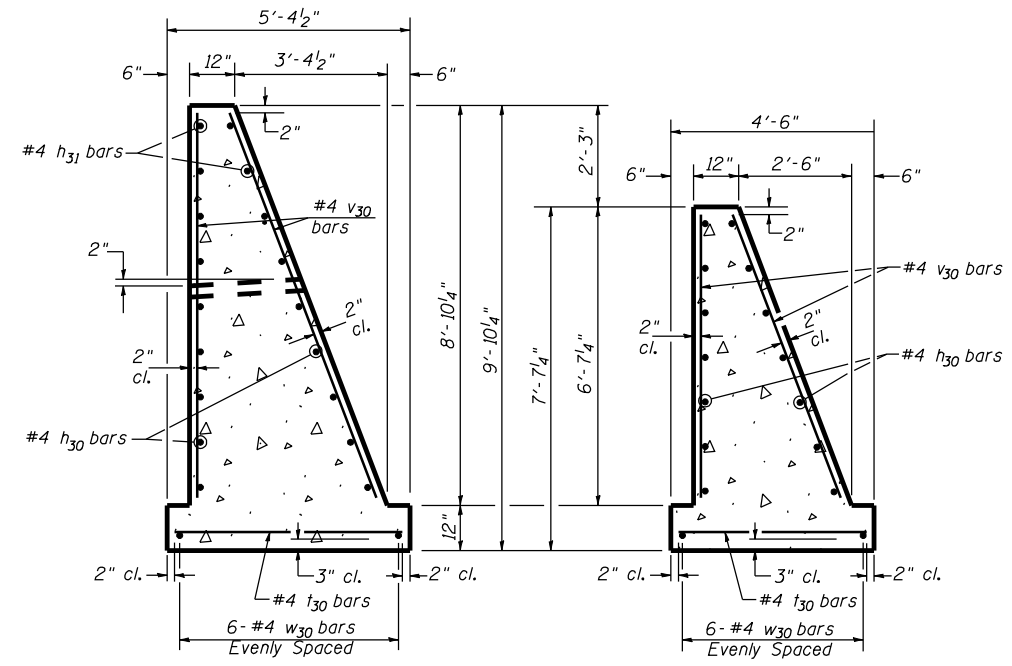


ELEVATION VIEW



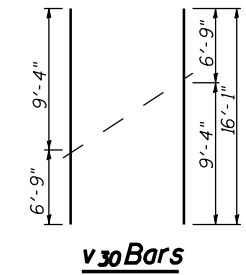
DETAIL A

* Cost included with Concrete Box Culverts.

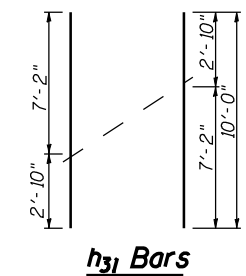


SECTION A-A

SECTION B-B



v30 Bars



h31 Bars

GENERAL NOTES

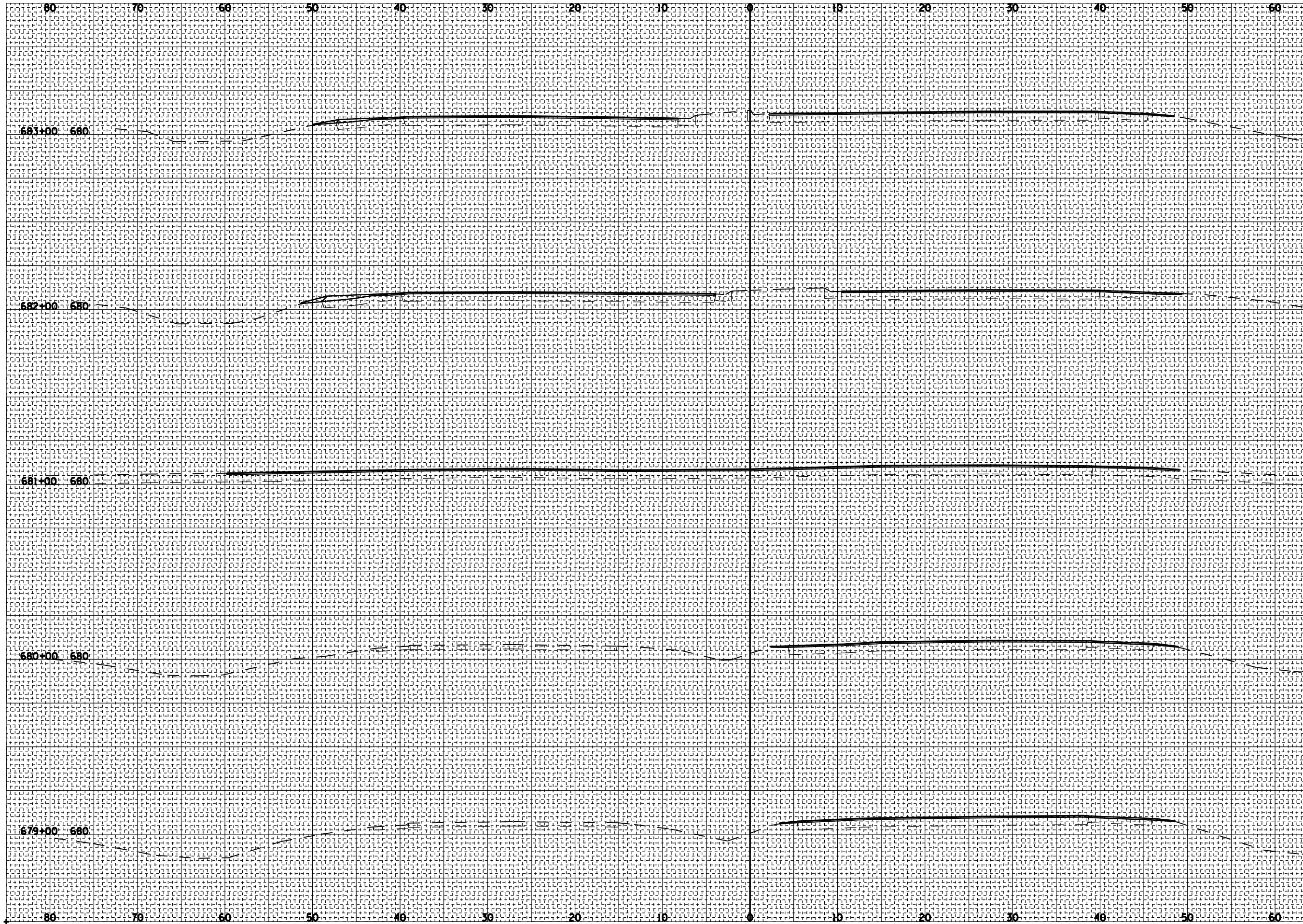
Reinforcement Bars shall conform to the requirements of AASHTO M31 or M322, Grade 60.
Exposed edges shall have a 3/4" chamfer unless otherwise noted.
For backfilling and embankment see Standard Specifications.
Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

CULVERT DETAILS
F.A.S. ROUTE 1766
(OLD U.S. ROUTE 66)
SECTION RS,R
MACOUPIN COUNTY
STATION 53+64.00 RT

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

DESIGNED	BAN
CHECKED	JOH
DRAWN	TC
CHECKED	JOH

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	*	302	166
STA. 679+00 TO STA. 683+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				



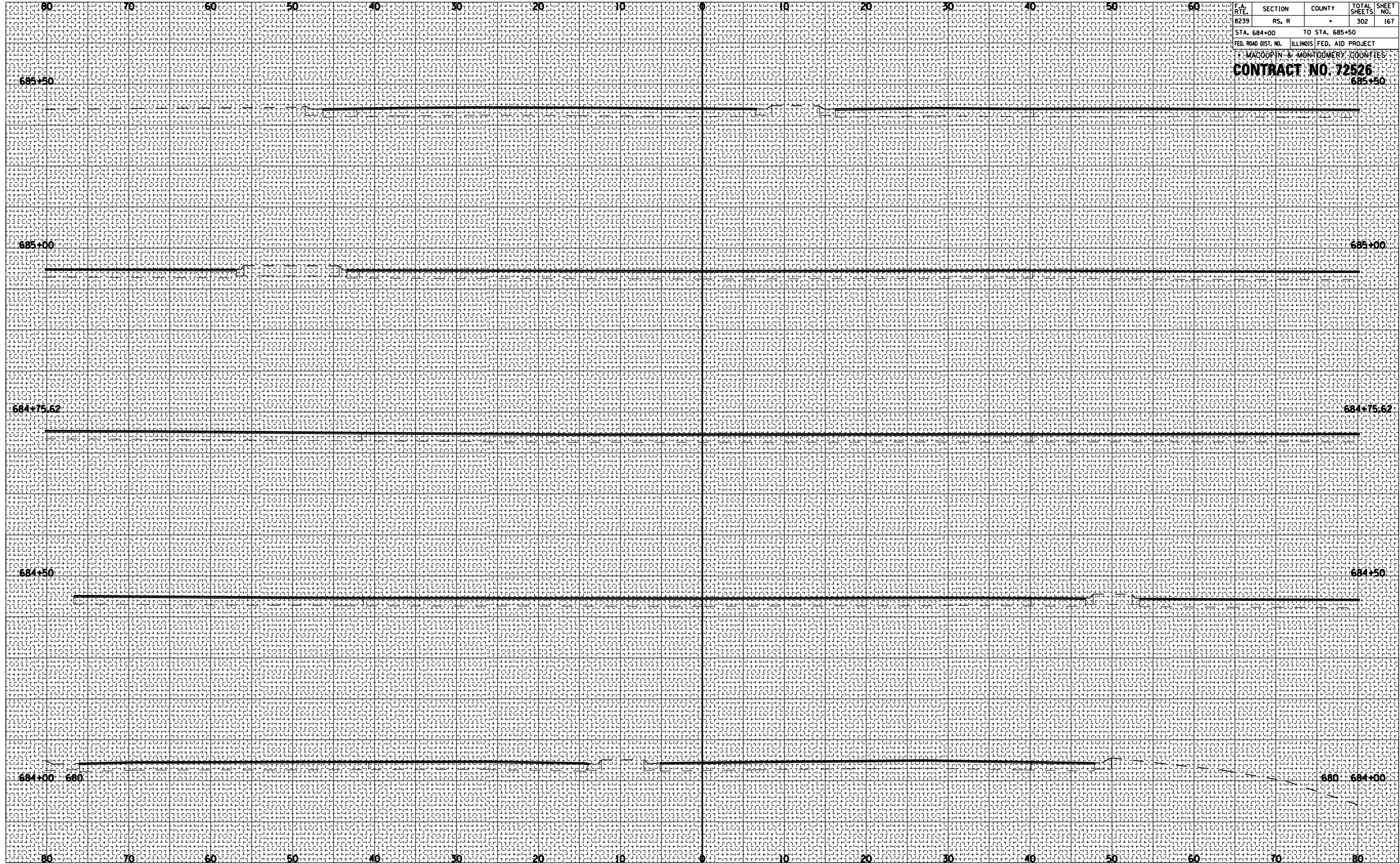
BY	DATE
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

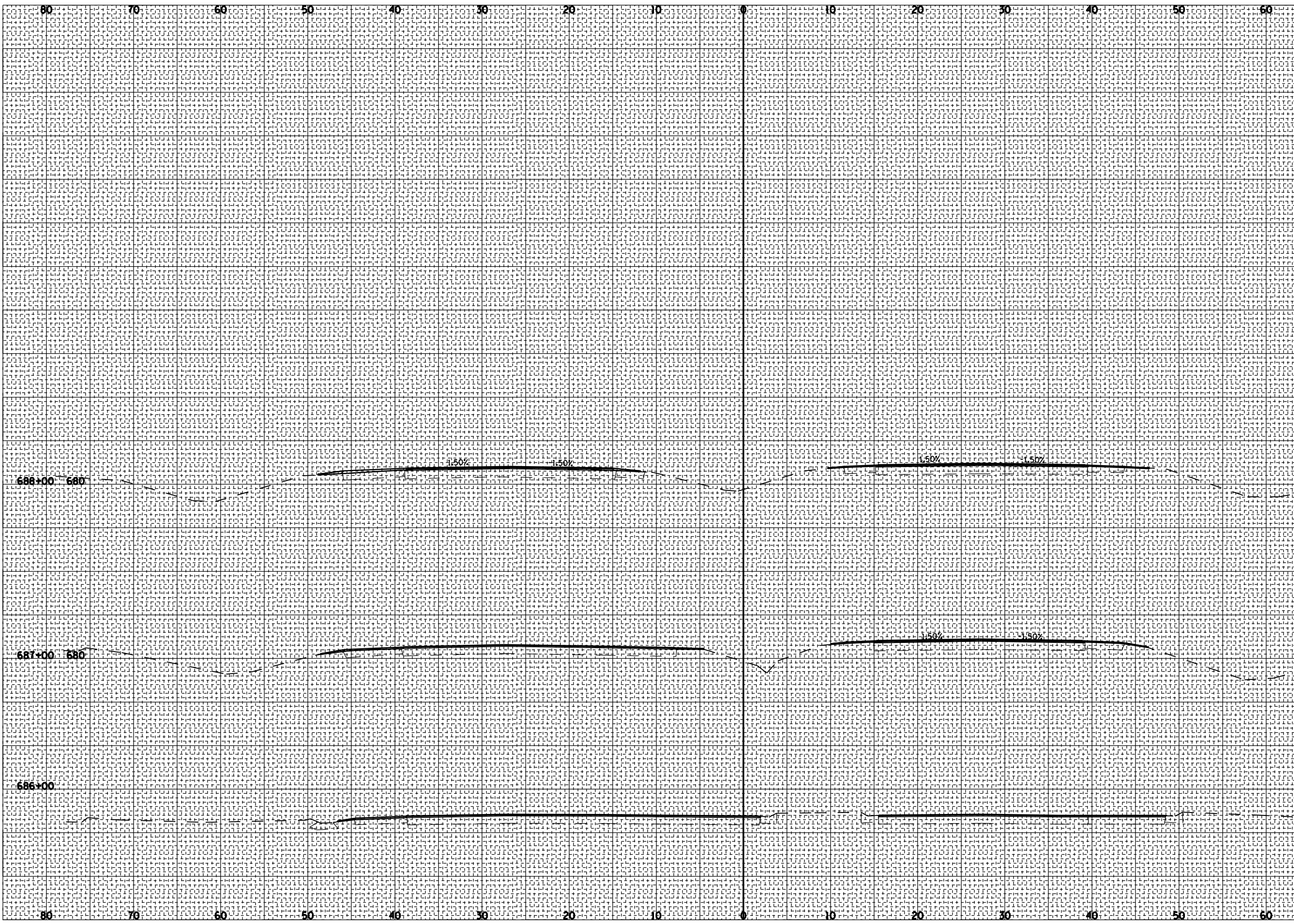
BY	DATE
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	AREAS CHECKED

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	*	302	167
STA. 684+00		TO STA. 685+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
685+50				

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	

BY	DATE
SURVEYED	PLOTTED
NOTE BOOK	AREAS CHECKED
NO.	





F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	*	302	168
STA. 686+00 TO STA. 688+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY _____	DATE _____
FINAL SURVEY	
SURVEYED _____	
PLOTTED _____	
NOTE BOOK _____	
AREAS CHECKED _____	
NO. _____	

BY _____	DATE _____
ORIGINAL SURVEY	
SURVEYED _____	
PLOTTED _____	
NOTE BOOK _____	
AREAS CHECKED _____	
NO. _____	

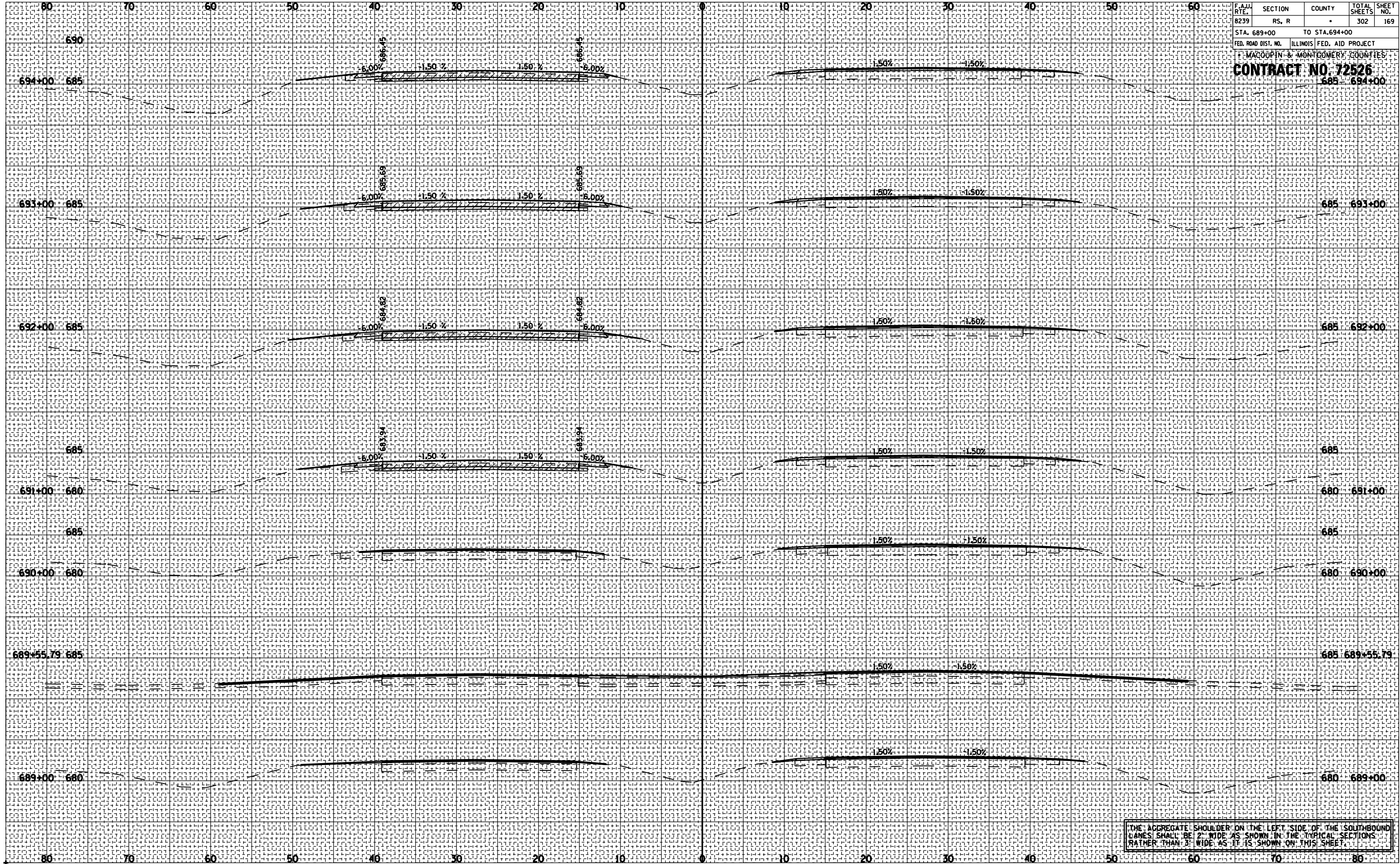
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R		302	169
STA. 689+00		TO STA. 694+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MACOUPIN & MONTGOMERY COUNTIES		CONTRACT NO. 72526		
		685-694+00		

BY	DATE

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

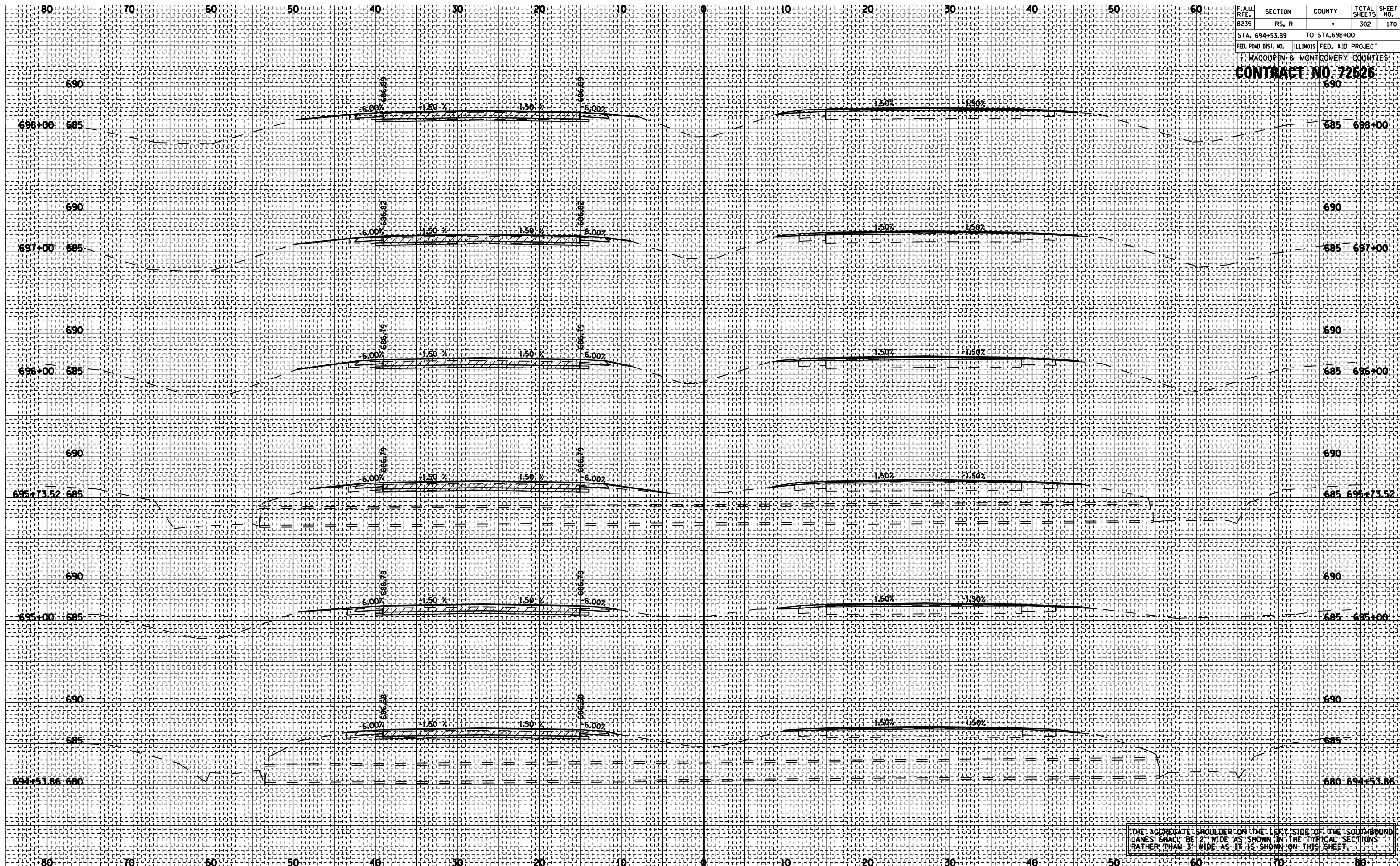


THE AGGREGATE SHOULDER ON THE LEFT SIDE OF THE SOUTHBOUND LANES SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

BY _____ DATE _____
 ORIGINAL SURVEY _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____

BY _____ DATE _____
 ORIGINAL SURVEY _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____

F.A.U. SECTION COUNTY TOTAL SHEET SHEET
 RTE. 8239 RS, R • 302 170
 STA. 694+53.89 TO STA. 698+00
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 MACOUPIN & MONTGOMERY COUNTIES
CONTRACT NO. 72526
 690

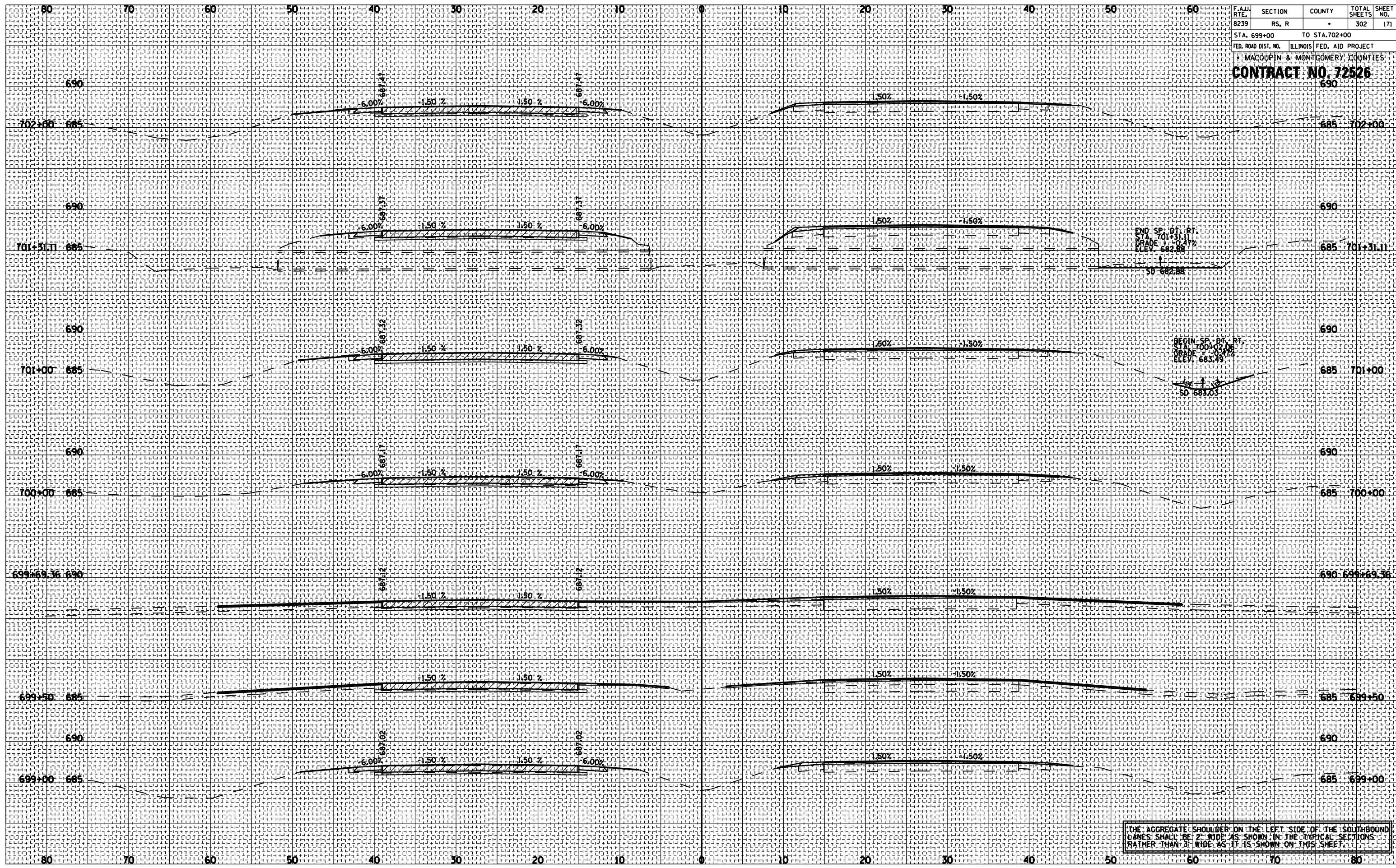


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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R		302	171
STA. 699+00 TO STA. 702+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
690				

BY	DATE

BY	DATE



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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R		302	172
STA. 703+00		TO STA. 709+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
709+00				

BY	DATE

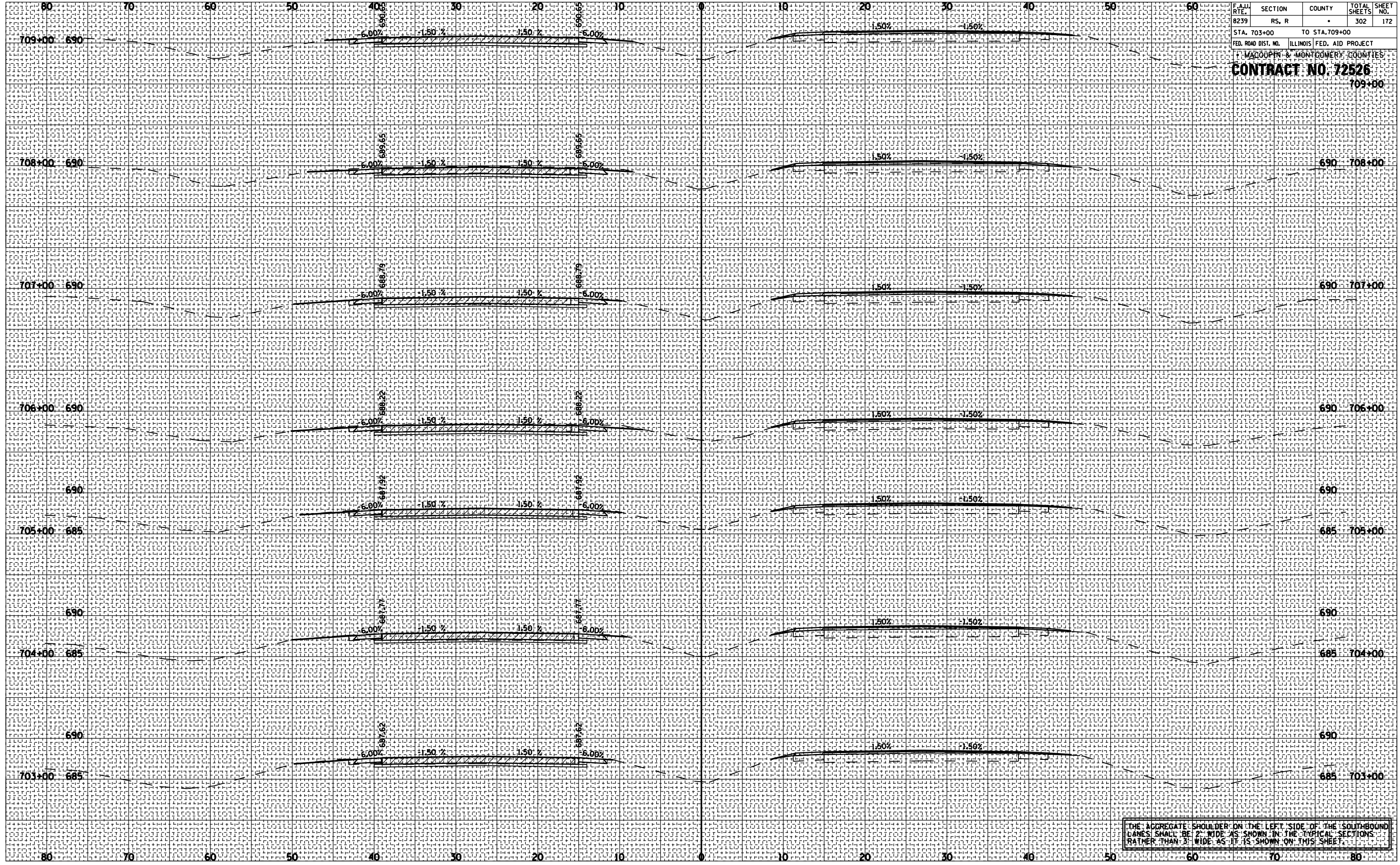
NO.	AREAS CHECKED

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

NO.	AREAS CHECKED

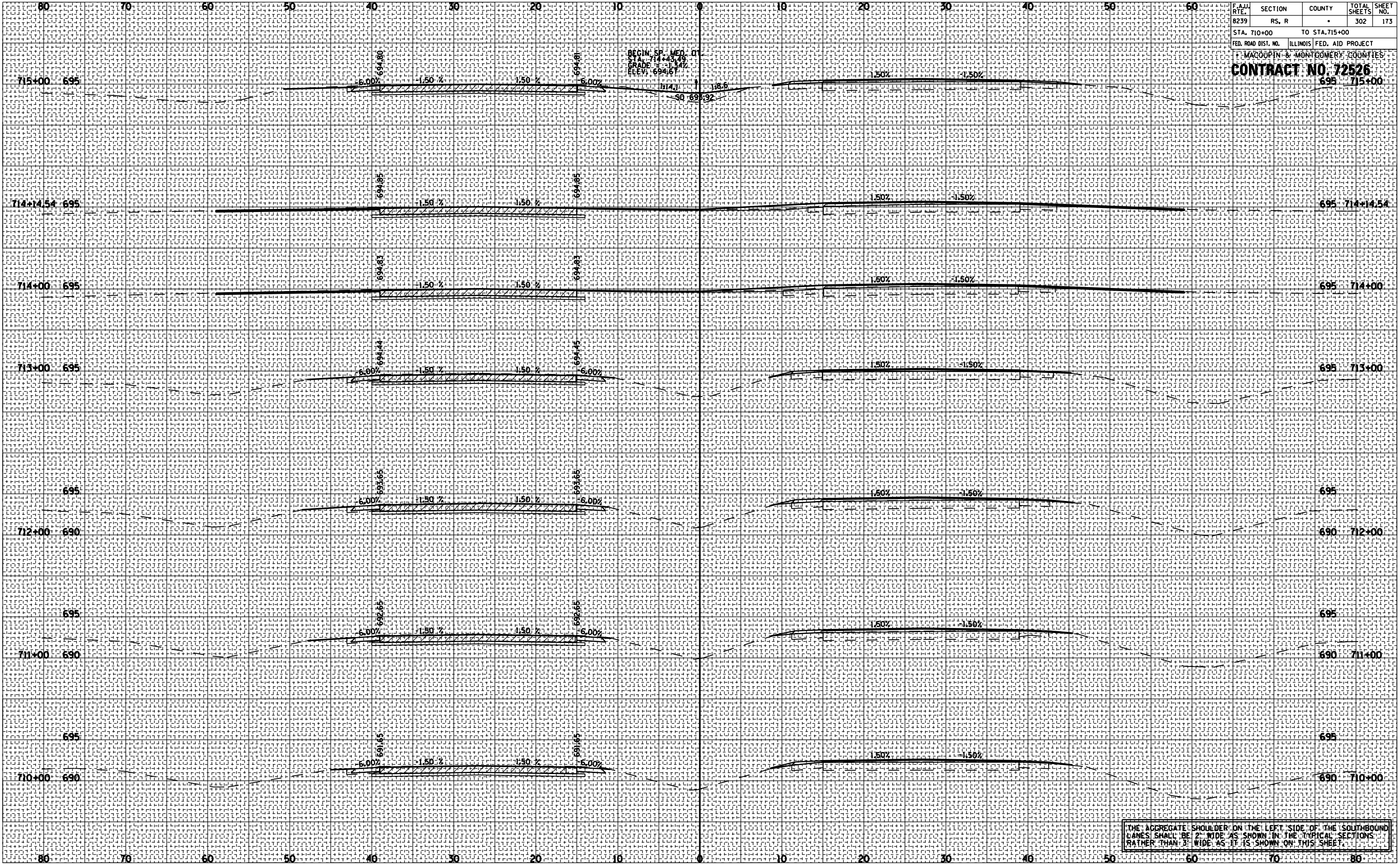


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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	•	302	173
STA. 710+00 TO STA. 715+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
695 715+00				

BY	DATE

BY	DATE



THE AGGREGATE SHOULDER ON THE LEFT SIDE OF THE SOUTHBOUND LANES SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B239	RS, R		302	174
STA. 716+00		TO STA. 720+14.39		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		MACOUPIN & MONTGOMERY COUNTIES		
		CONTRACT NO. 72526		
		720+14.39		

BY	DATE

NO.	AREAS CHECKED

NO.	NOTE BOOK

NO.	PLOTTED

NO.	SURVEYED

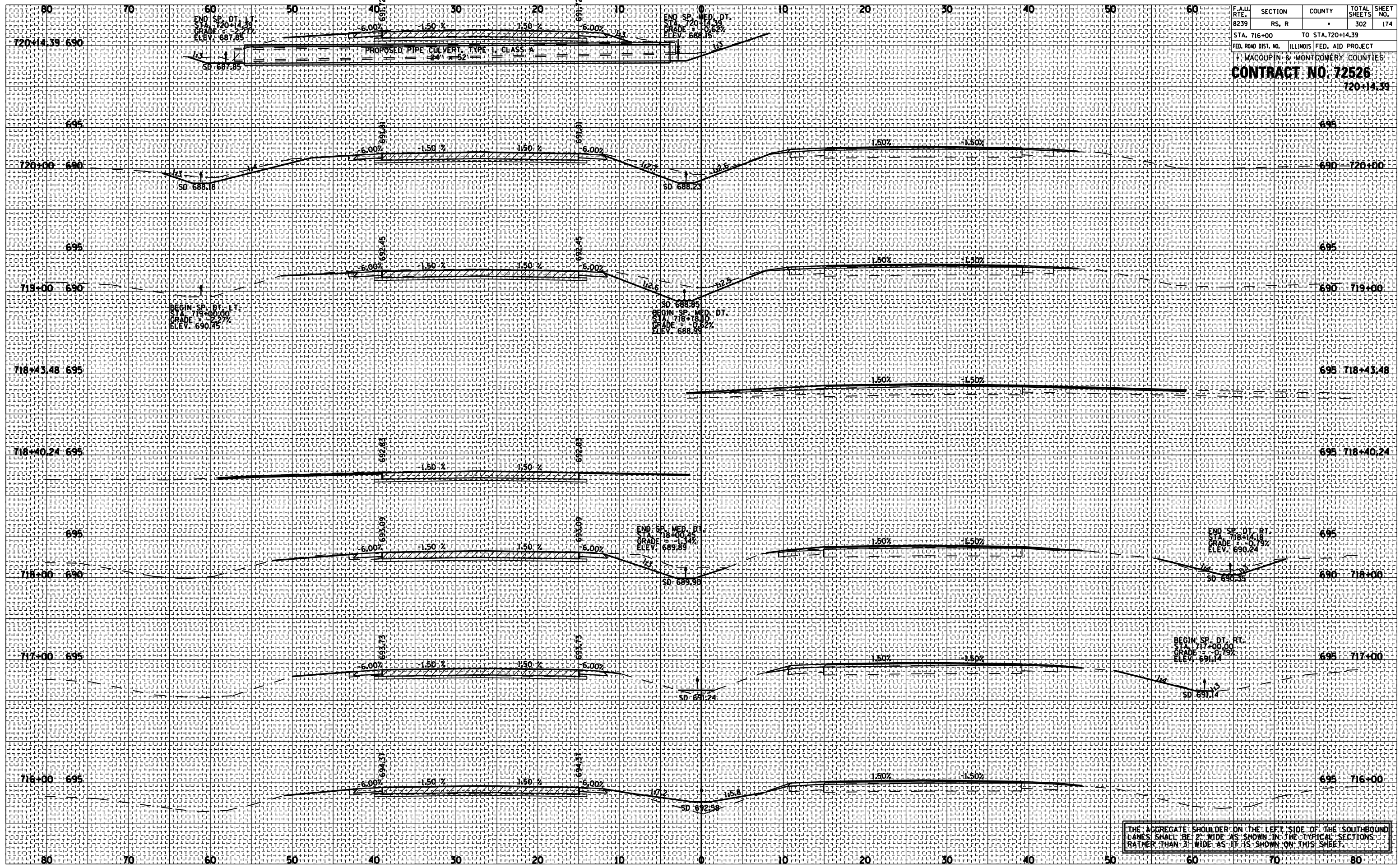
BY	DATE

NO.	AREAS CHECKED

NO.	NOTE BOOK

NO.	PLOTTED

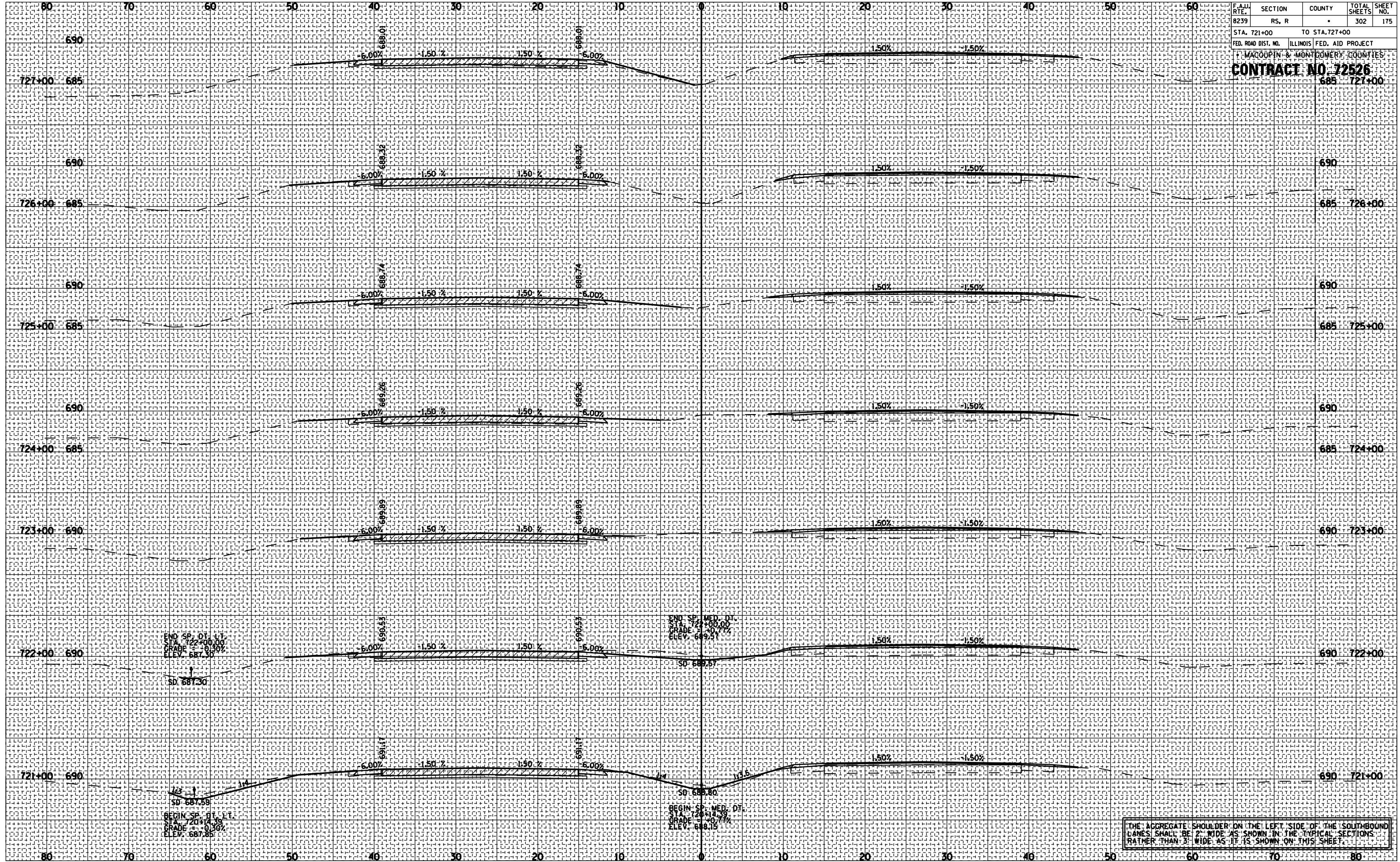
NO.	SURVEYED



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
B239	RS, R	.	302	175
STA. 721+00		TO STA. 727+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MACOUPIN & MONROE COUNTIES		CONTRACT NO. 72526		
		685 727+00		

BY	DATE
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BY	DATE



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R		302	176

STA. 728+00 TO STA. 732+00
ILLINOIS FED. AID PROJECT

MACOUPIN & MONTGOMERY COUNTIES

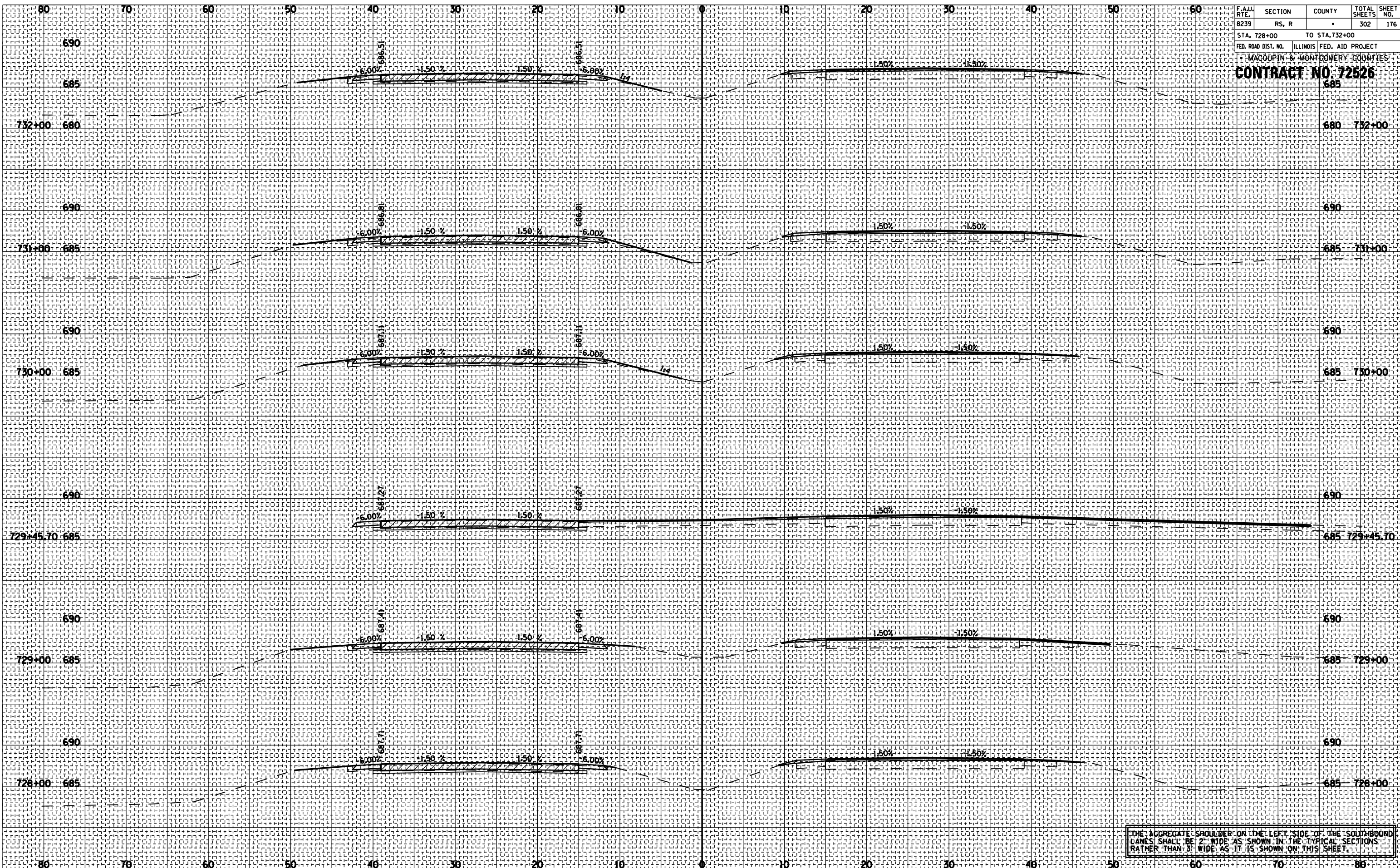
CONTRACT NO. 72526

BY	DATE

FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	AREAS CHECKED

BY	DATE

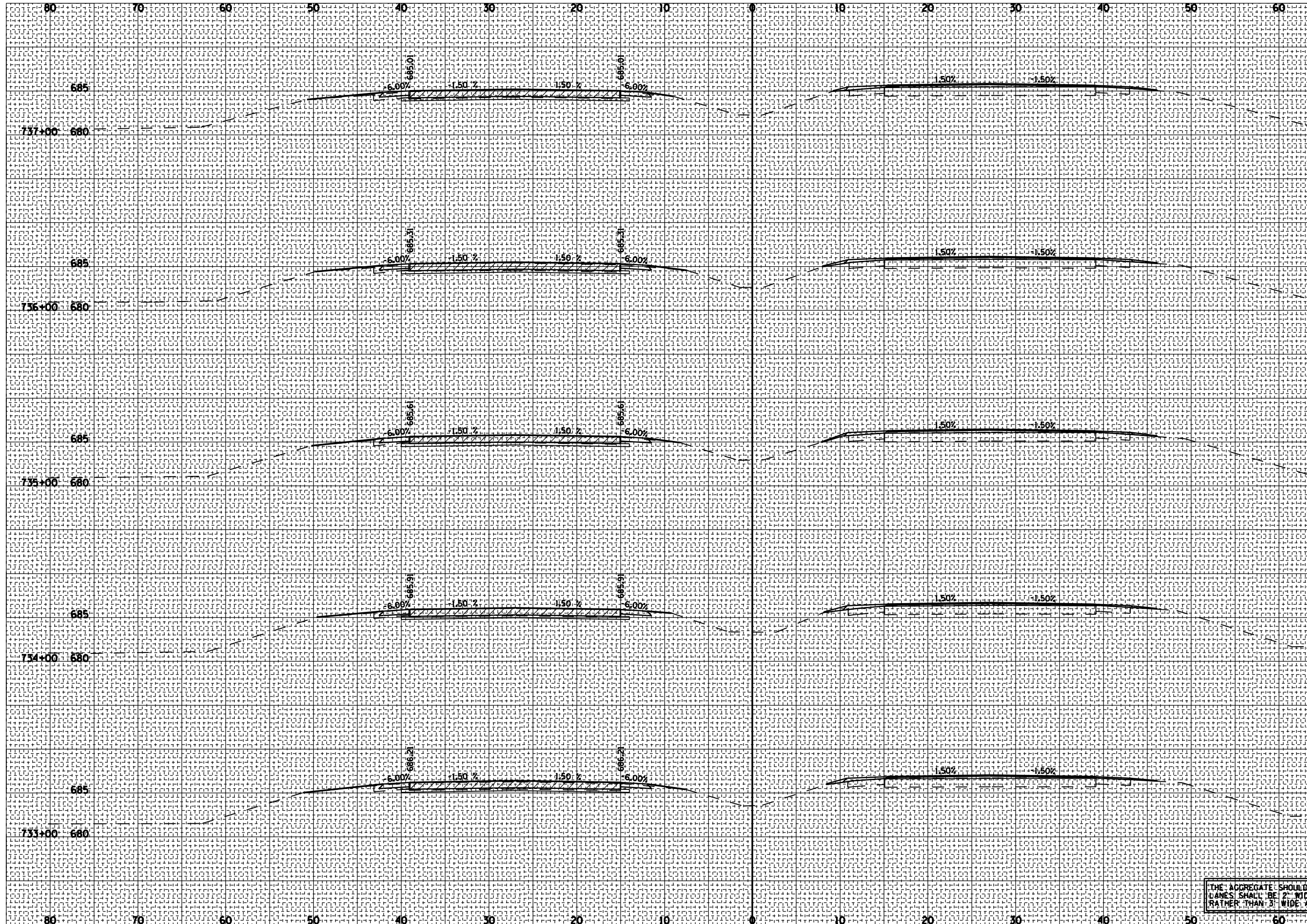
ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	AREAS CHECKED



THE AGGREGATE SHOULDER ON THE LEFT SIDE OF THE SOUTHBOUND LANES SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R		302	177
STA. 733+00		TO STA. 737+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MACOUPIN & MONTGOMERY COUNTIES				

CONTRACT NO. 72526



BY	DATE

NO.	AREAS CHECKED

BY	DATE

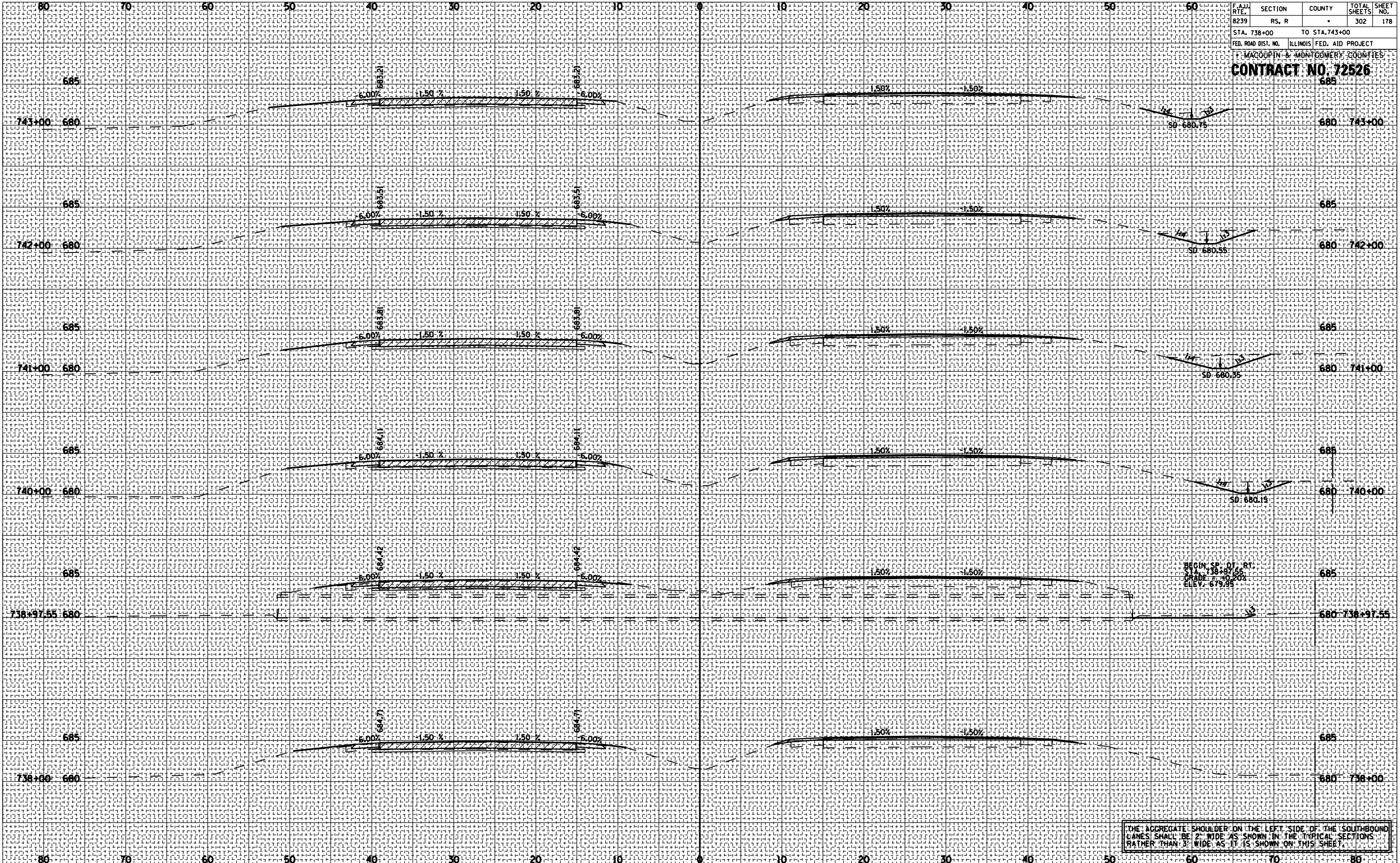
NO.	AREAS CHECKED

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R		302	178
STA. 738+00 TO STA. 743+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

MACOUPIN & MONTGOMERY COUNTIES

CONTRACT NO. 72526

685



BY	DATE

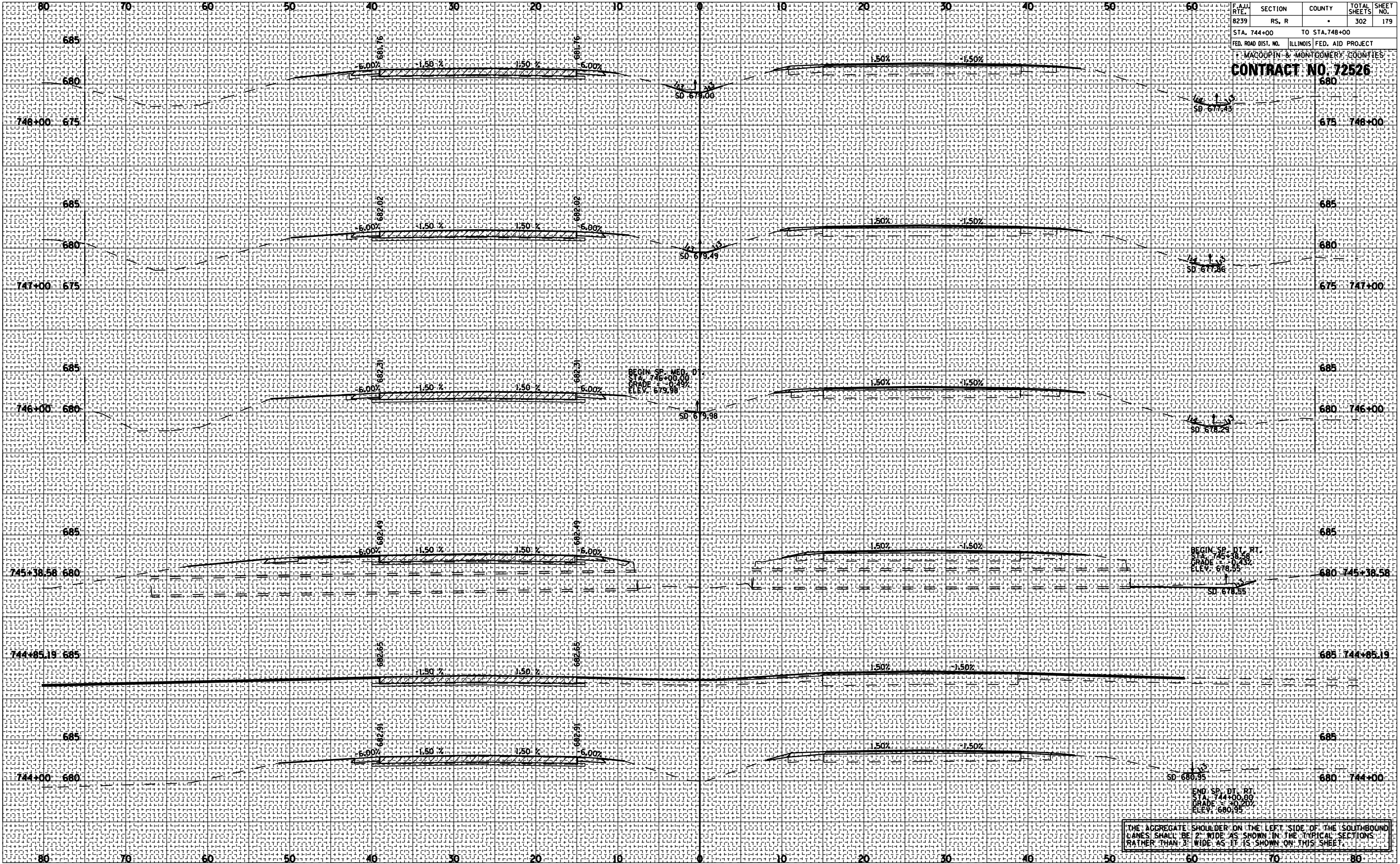
BY	DATE

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	•	302	179
STA. 744+00		TO STA. 748+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

BY	DATE



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R		302	180
STA. 749+00		TO STA. 752+98.20		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

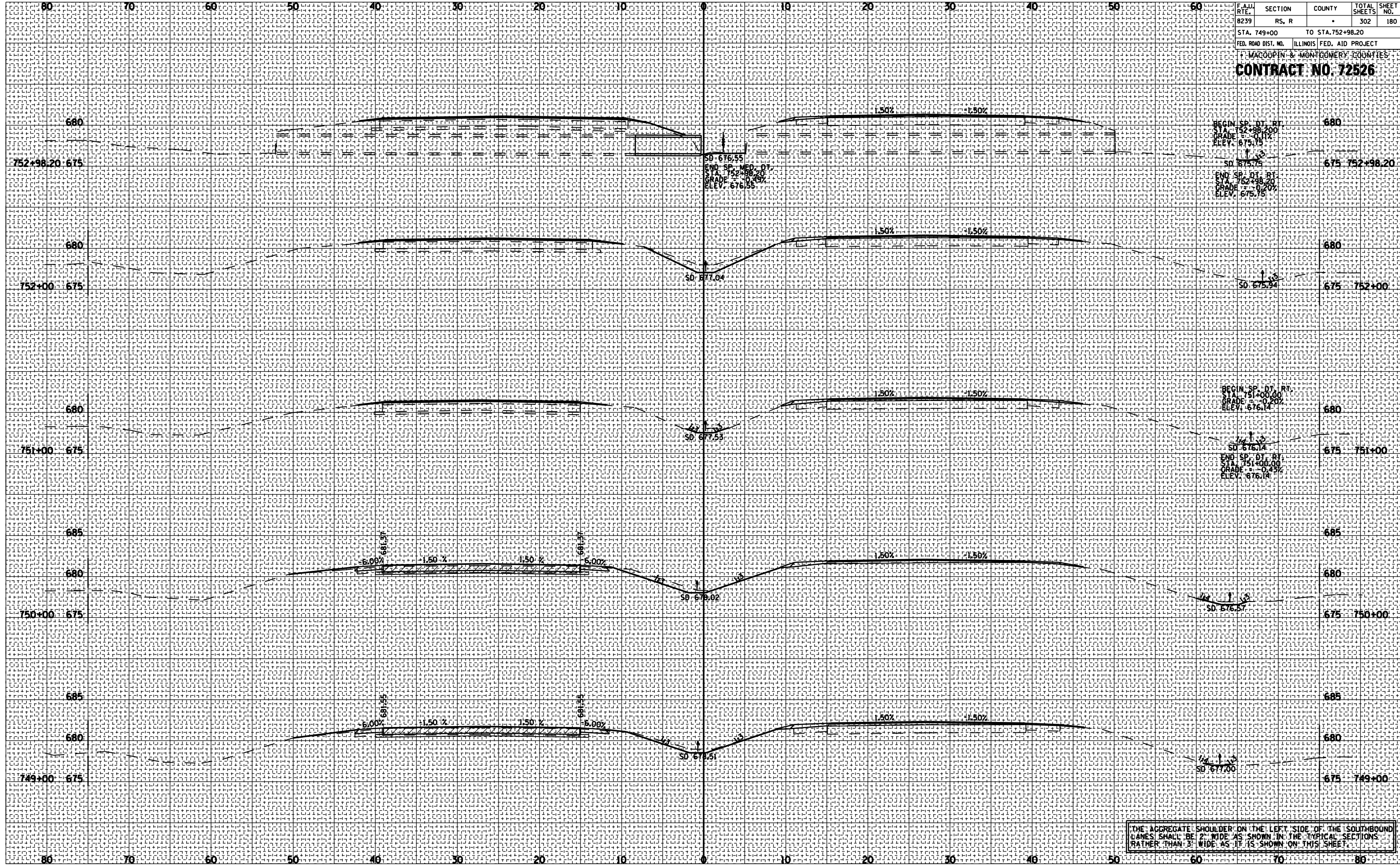
FINAL SURVEY	SURVEYED	PLOTTED	DATE

NO.	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE

NO.	AREAS CHECKED



THE AGGREGATE SHOULDER ON THE LEFT SIDE OF THE SOUTHBOUND LANES SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

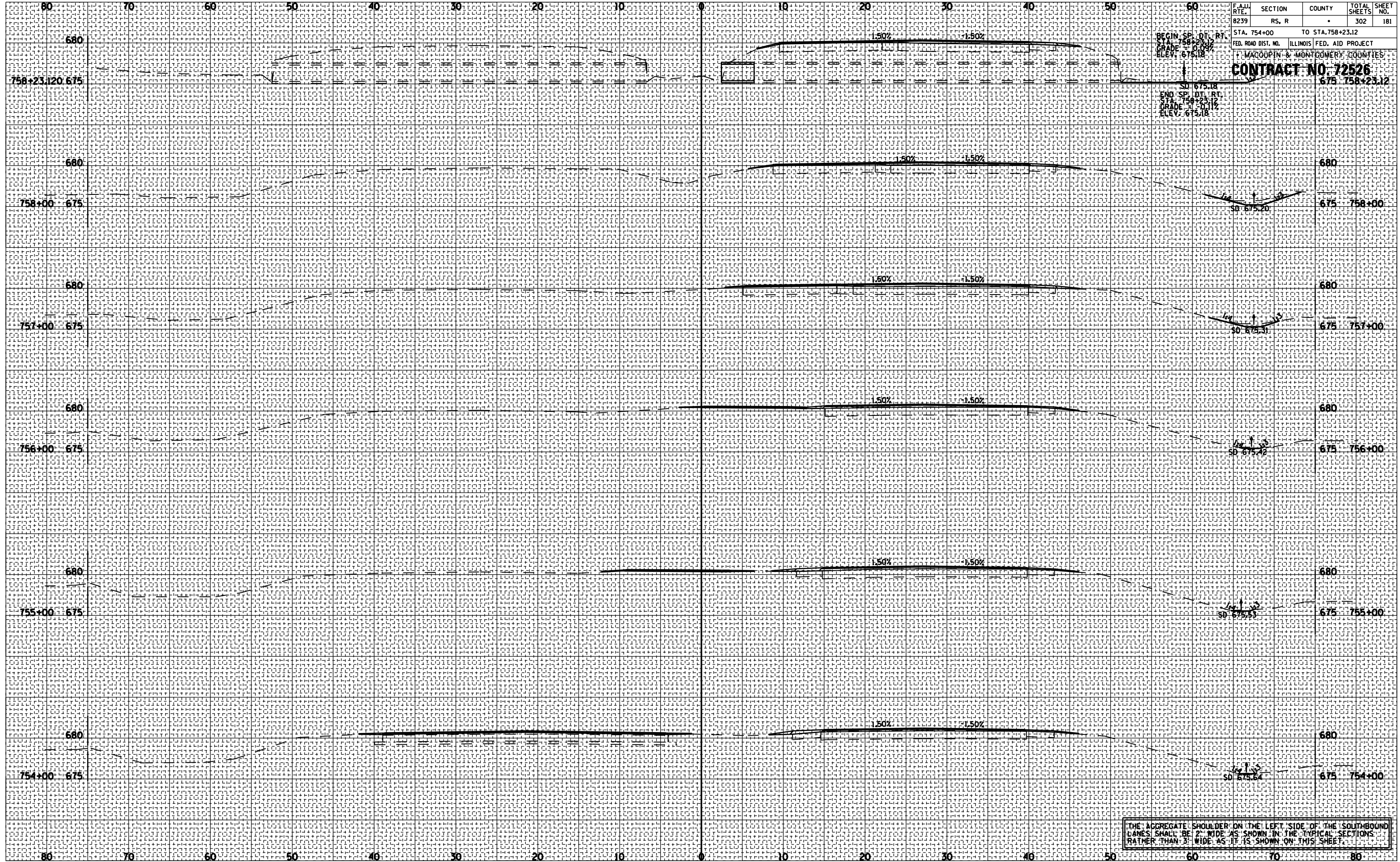
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	•	302	181
STA. 754+00		TO STA. 758+23.12		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
		675 758+23.12		

BEGIN SP. DT. RT.
STA. 758+23.12
GRADE = 6.03%
ELEV. 675.18

SD 675.18
END SP. DT. RT.
STA. 758+23.12
GRADE = 6.01%
ELEV. 675.18

BY	DATE

BY	DATE



THE AGGREGATE SHOULDER ON THE LEFT SIDE OF THE SOUTHBOUND LANES SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R		302	182

STA. 759+00 TO STA. 763+00

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

MADISON & MONROE COUNTIES

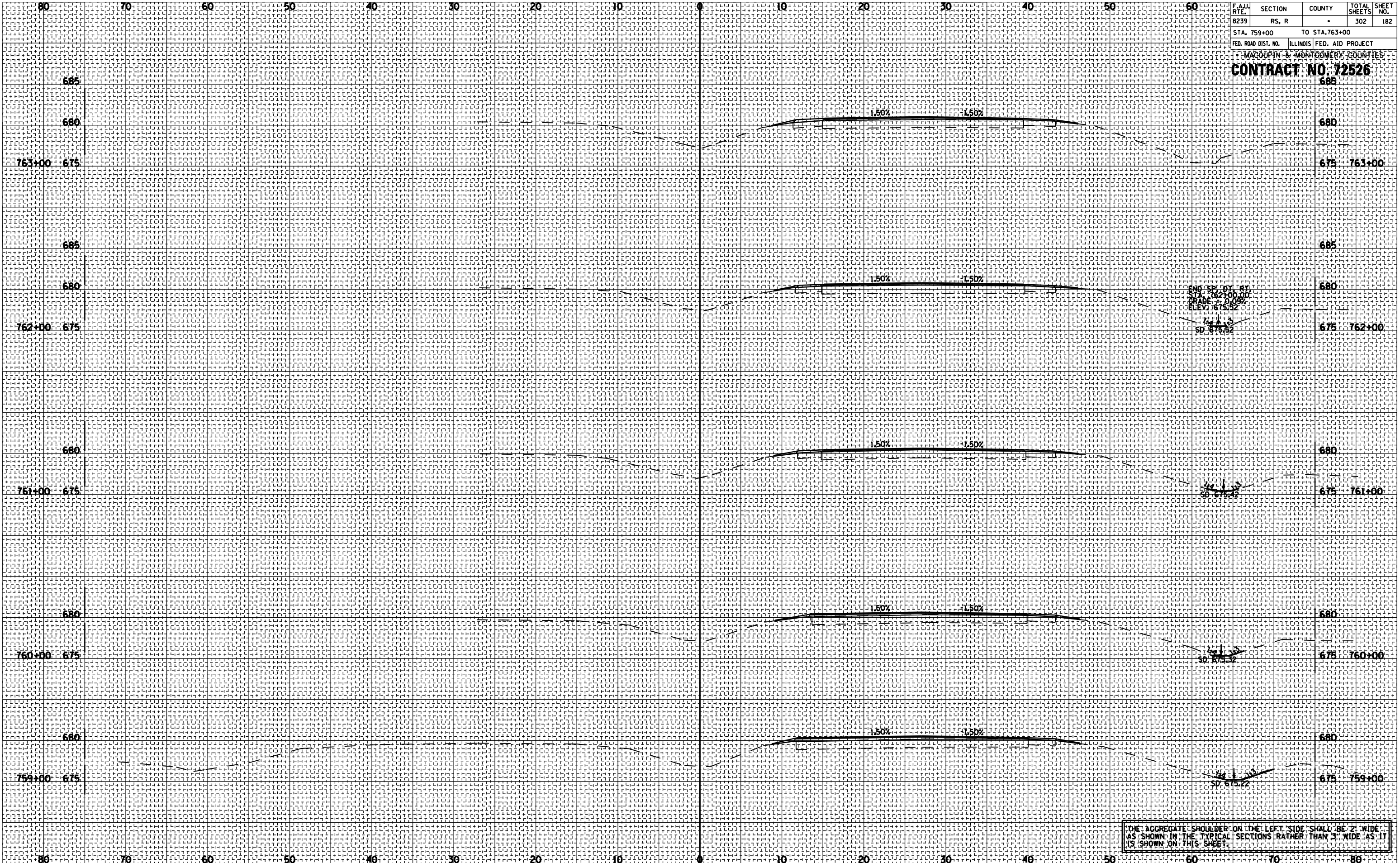
CONTRACT NO. 72526

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	AREAS CHECKED

BY	DATE

ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	AREAS CHECKED



THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

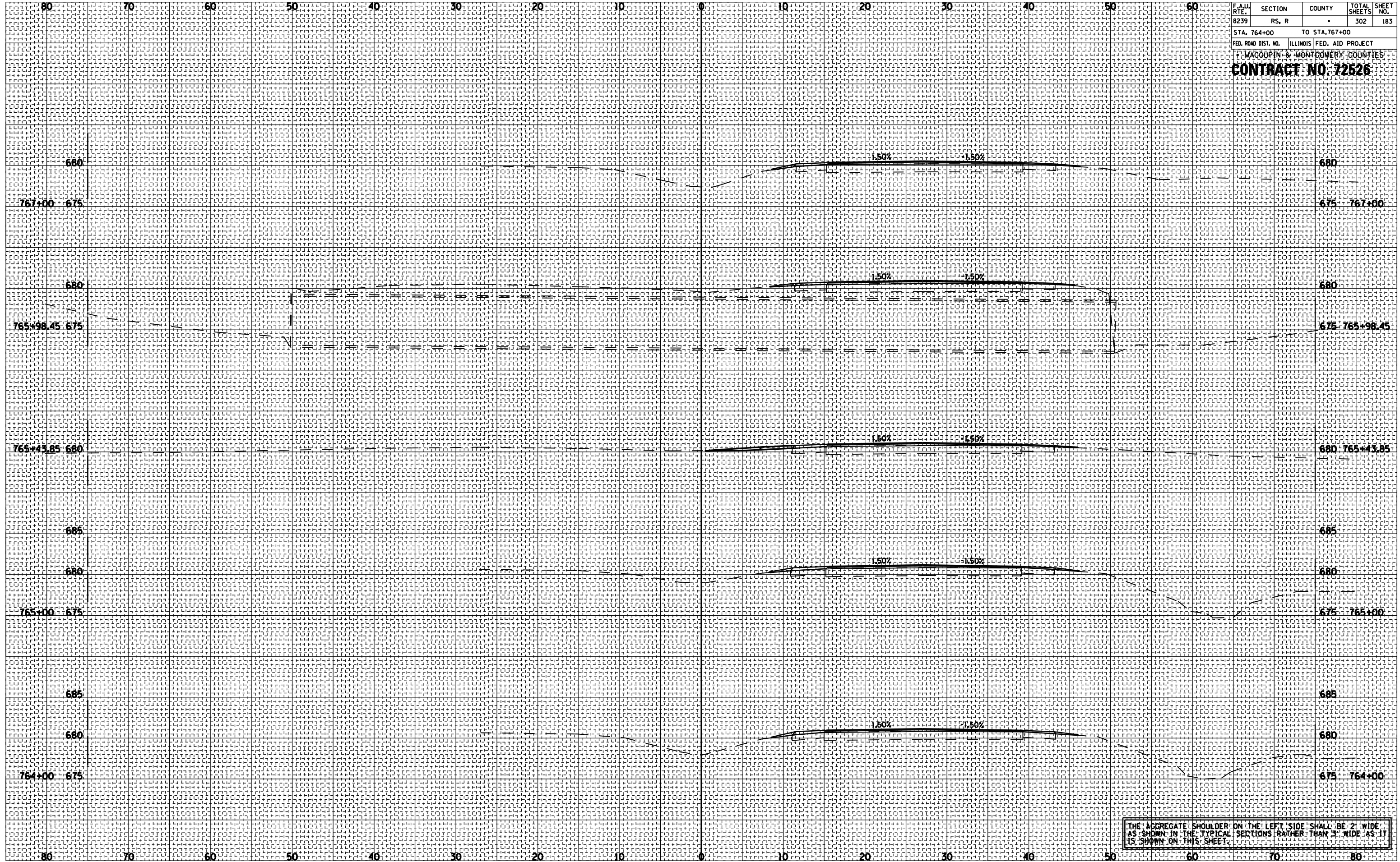
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	.	302	183
STA. 764+00 TO STA. 767+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

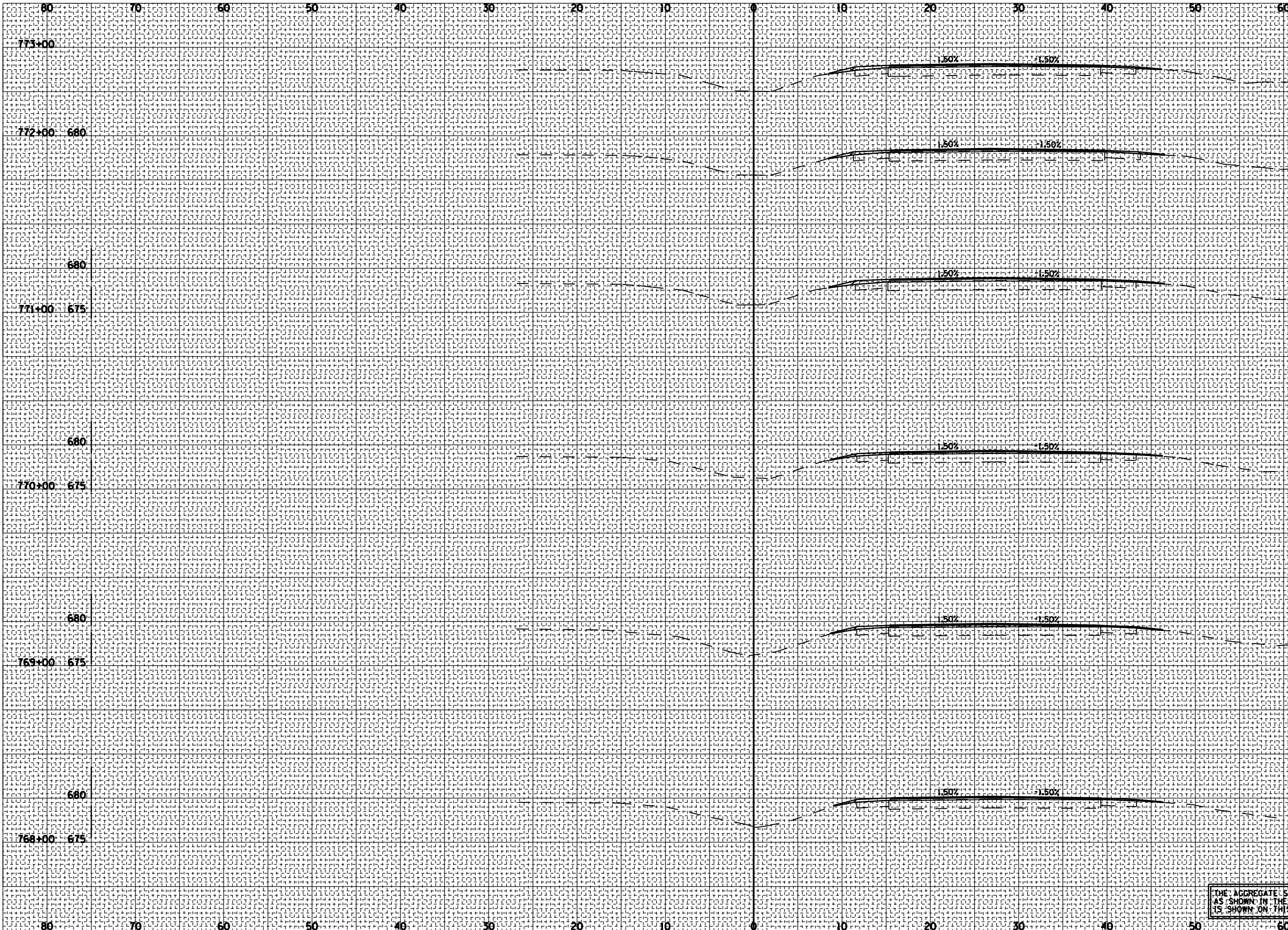
FINAL SURVEY	SURVEYED	PLOTTED	DATE

BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	DATE



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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	.	302	184

STA. 768+00 TO STA. 773+00
 ILLINOIS FED. AID PROJECT

MACOUPIN & MONTGOMERY COUNTIES
CONTRACT NO. 72526
 773+00
 680 772+00

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8239	RS, R	*	302	185
STA. 774+00 TO STA. 780+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

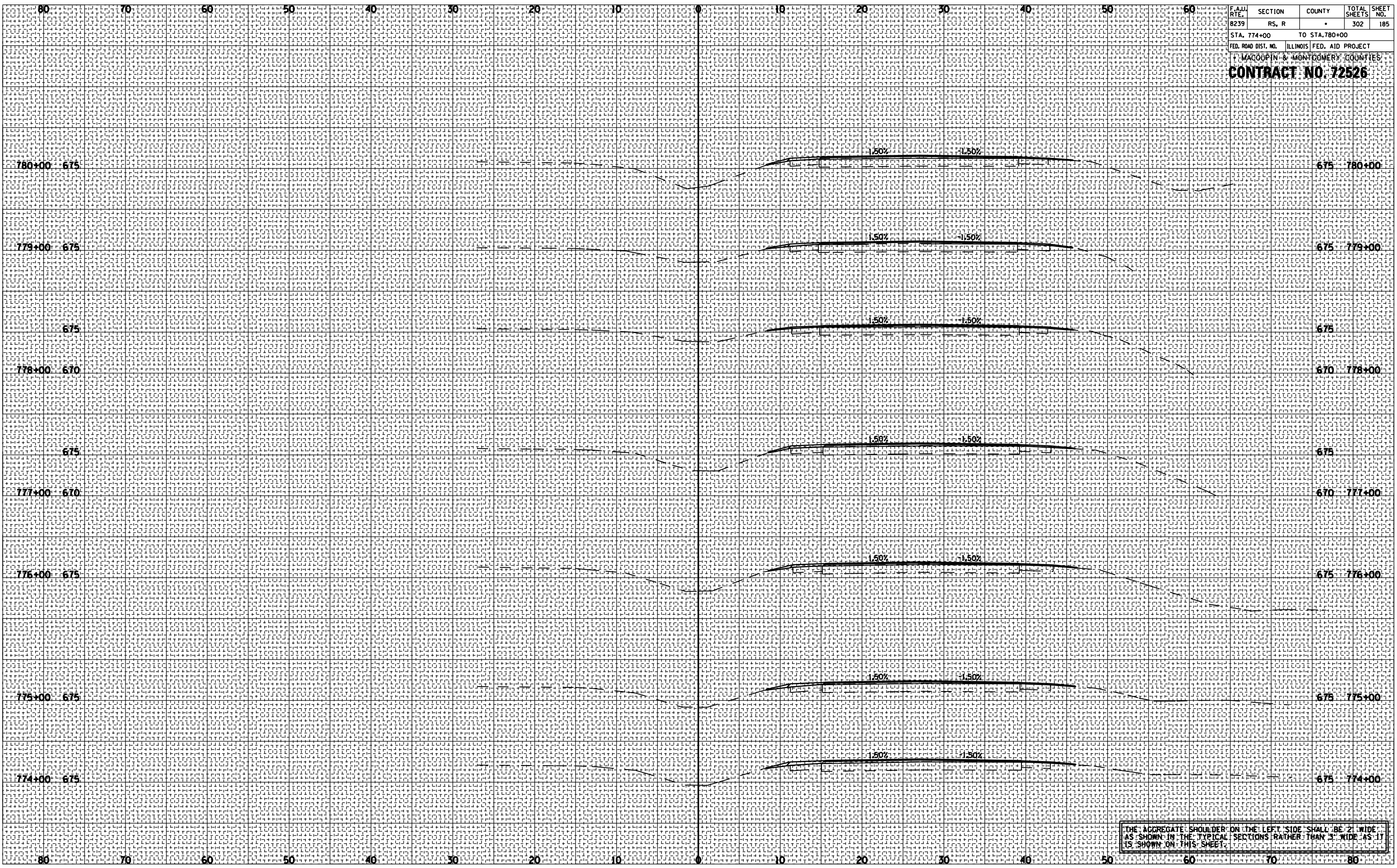
NO.	AREAS CHECKED

NO.	AREAS CHECKED

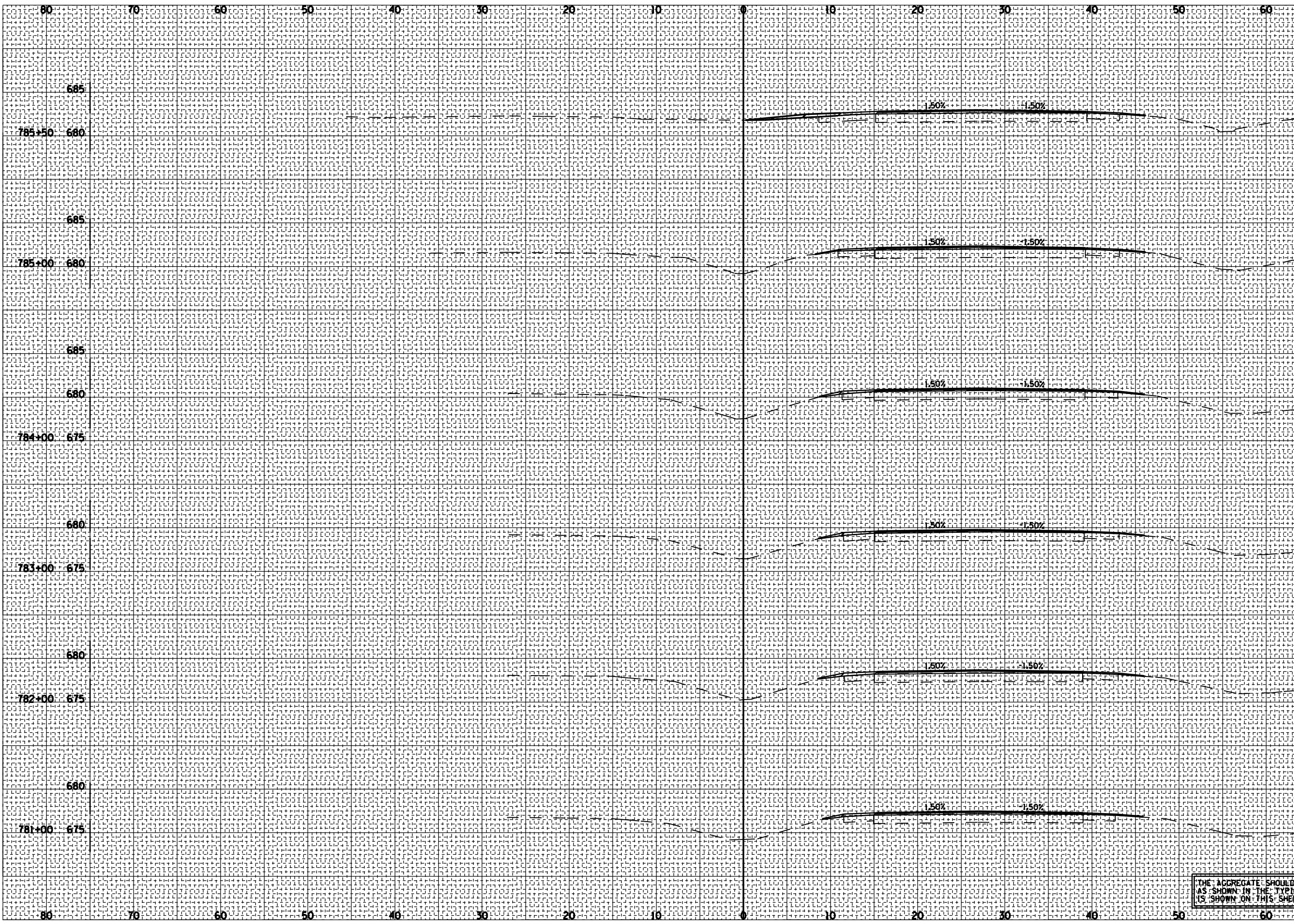
BY	DATE

NO.	AREAS CHECKED

NO.	AREAS CHECKED



THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R	.	302	186

STA. 781+00 TO STA. 785+50
 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

MACOUPIN & MONTGOMERY COUNTIES
CONTRACT NO. 72526

BY	DATE

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R		302	188
STA. 792+00 TO STA. 797+00				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

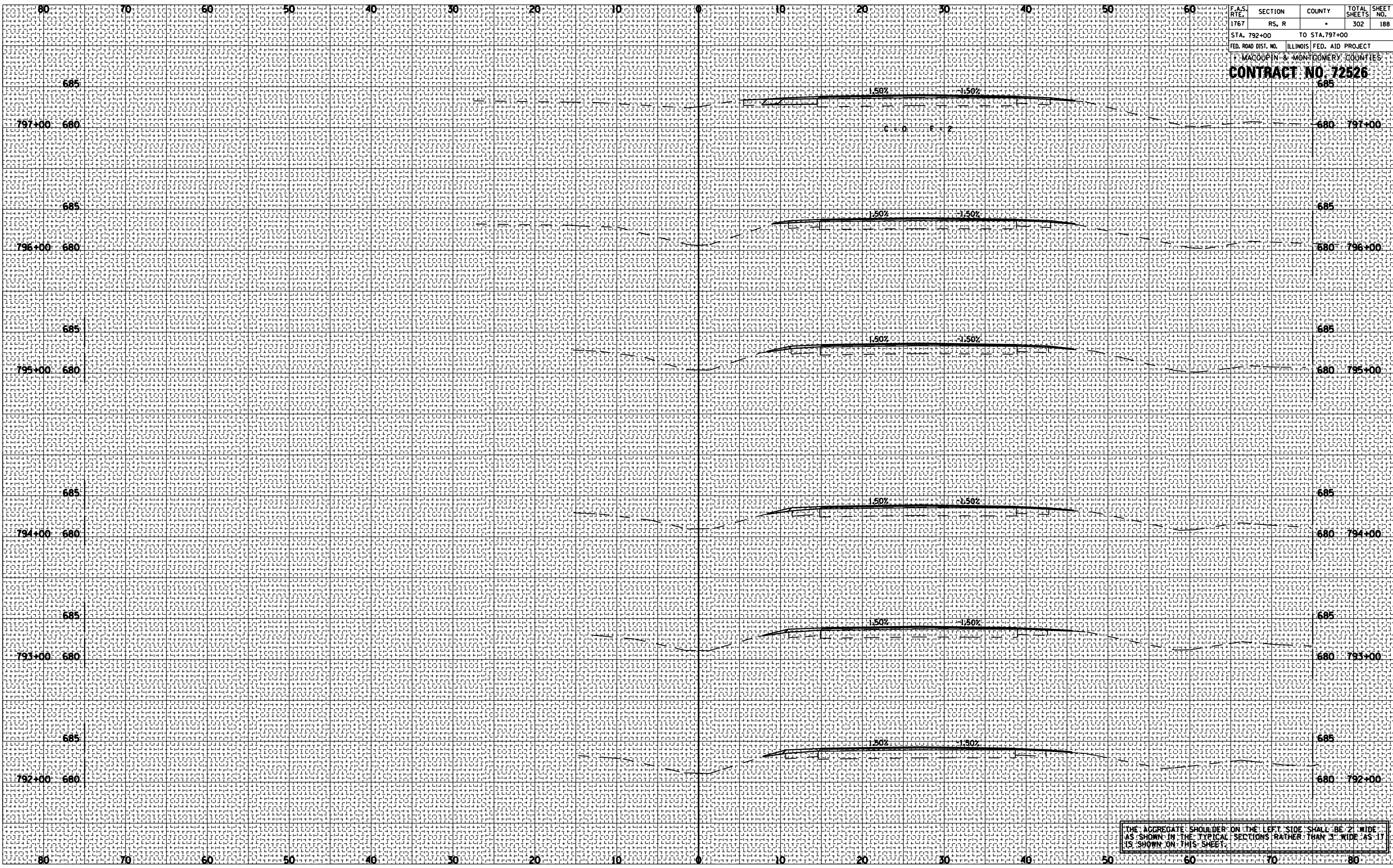
MACOUPIN & MONTGOMERY COUNTIES
CONTRACT NO. 72526

BY	DATE

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

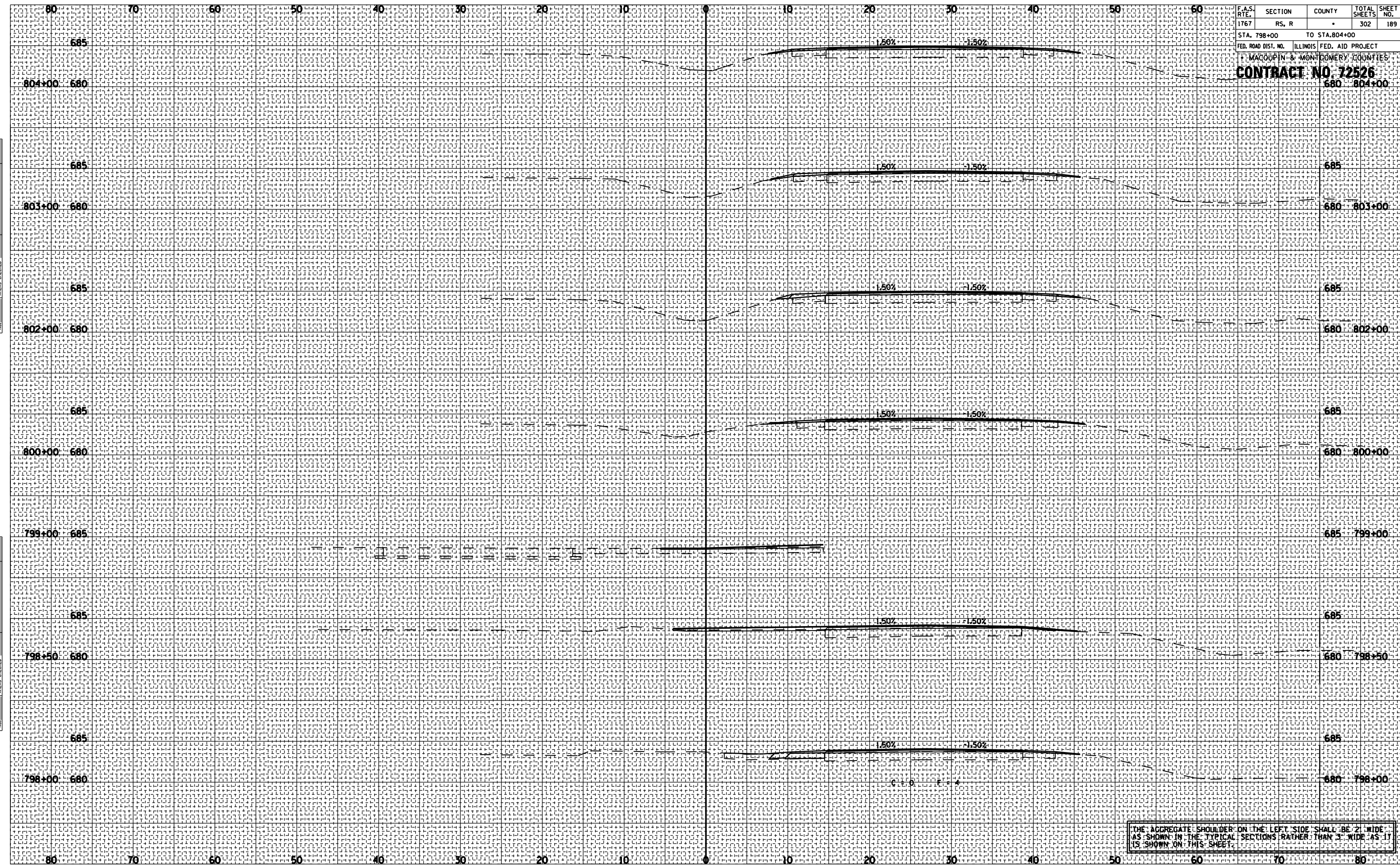


THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R	.	302	189
STA. 798+00 TO STA. 804+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONROE COUNTIES				
CONTRACT NO. 72526				
			680-804+00	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

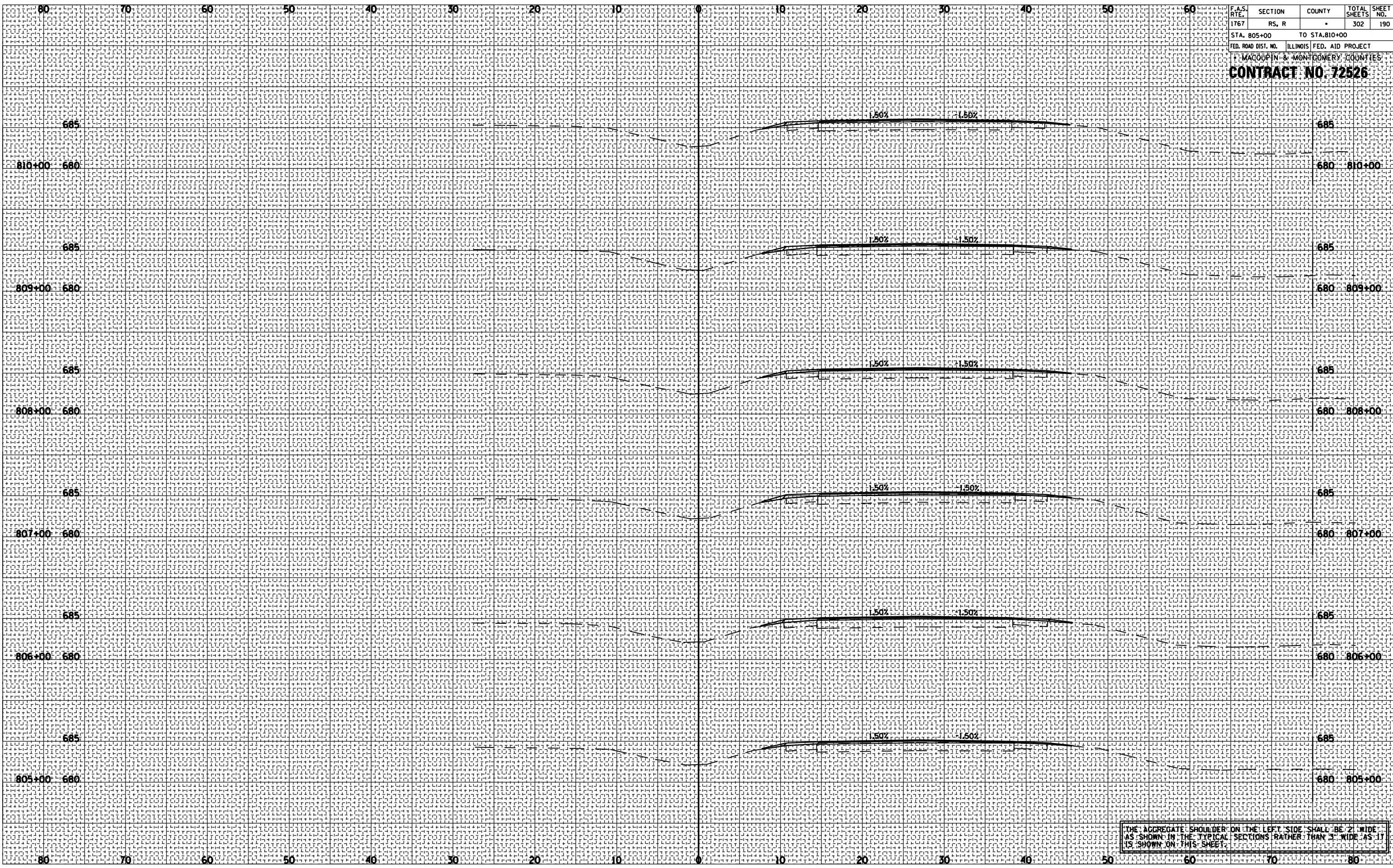


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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R	*	302	190
STA. 805+00 TO STA. 810+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

BY	DATE

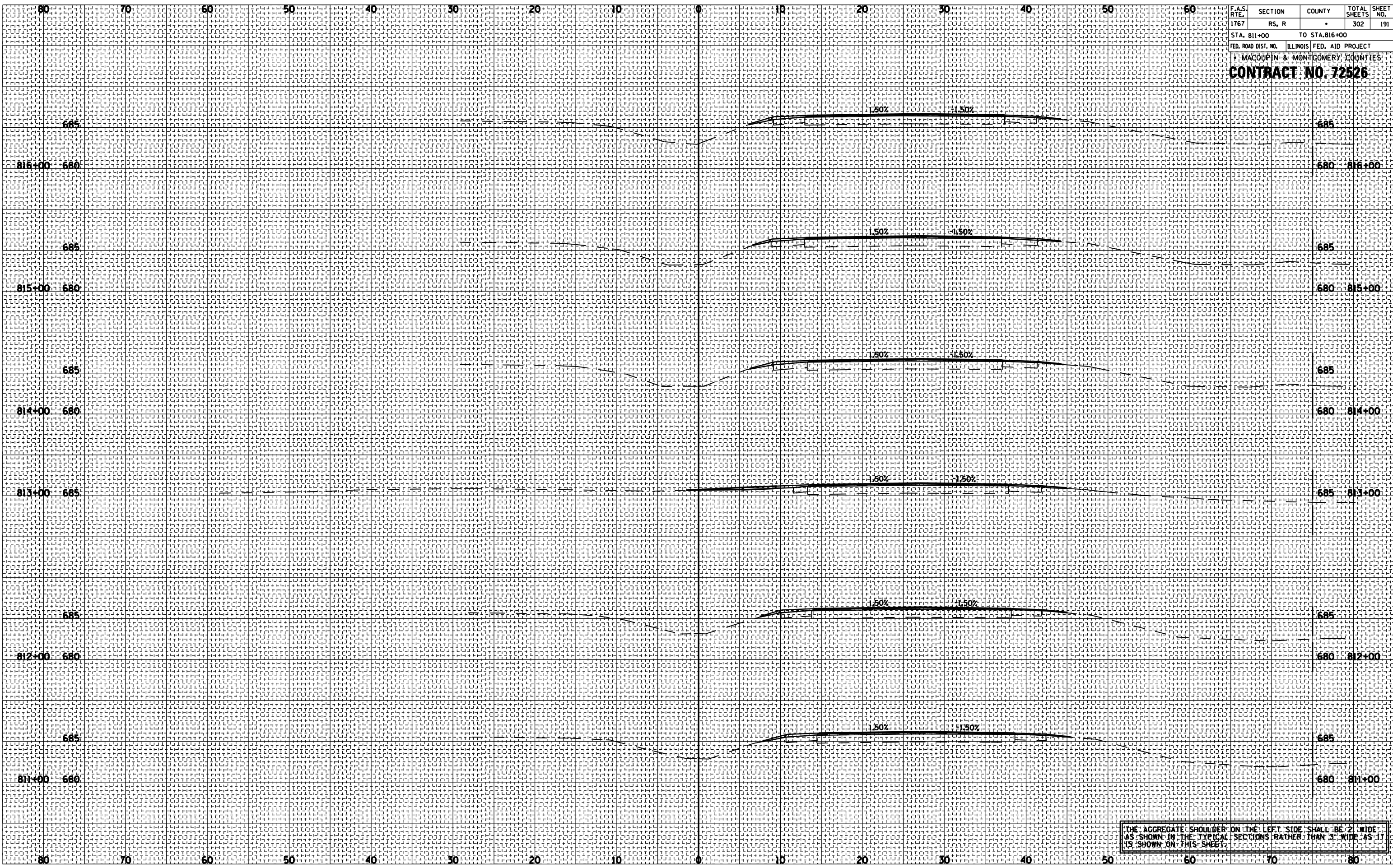


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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R	*	302	191
STA. 811+00		TO STA. 816+00		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MACOUPIN & MONTGOMERY COUNTIES		CONTRACT NO. 72526		

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____

BY _____ DATE _____
 SURVEYED _____
 PLOTTED _____
 NOTE BOOK _____
 NO. _____
 AREAS CHECKED _____

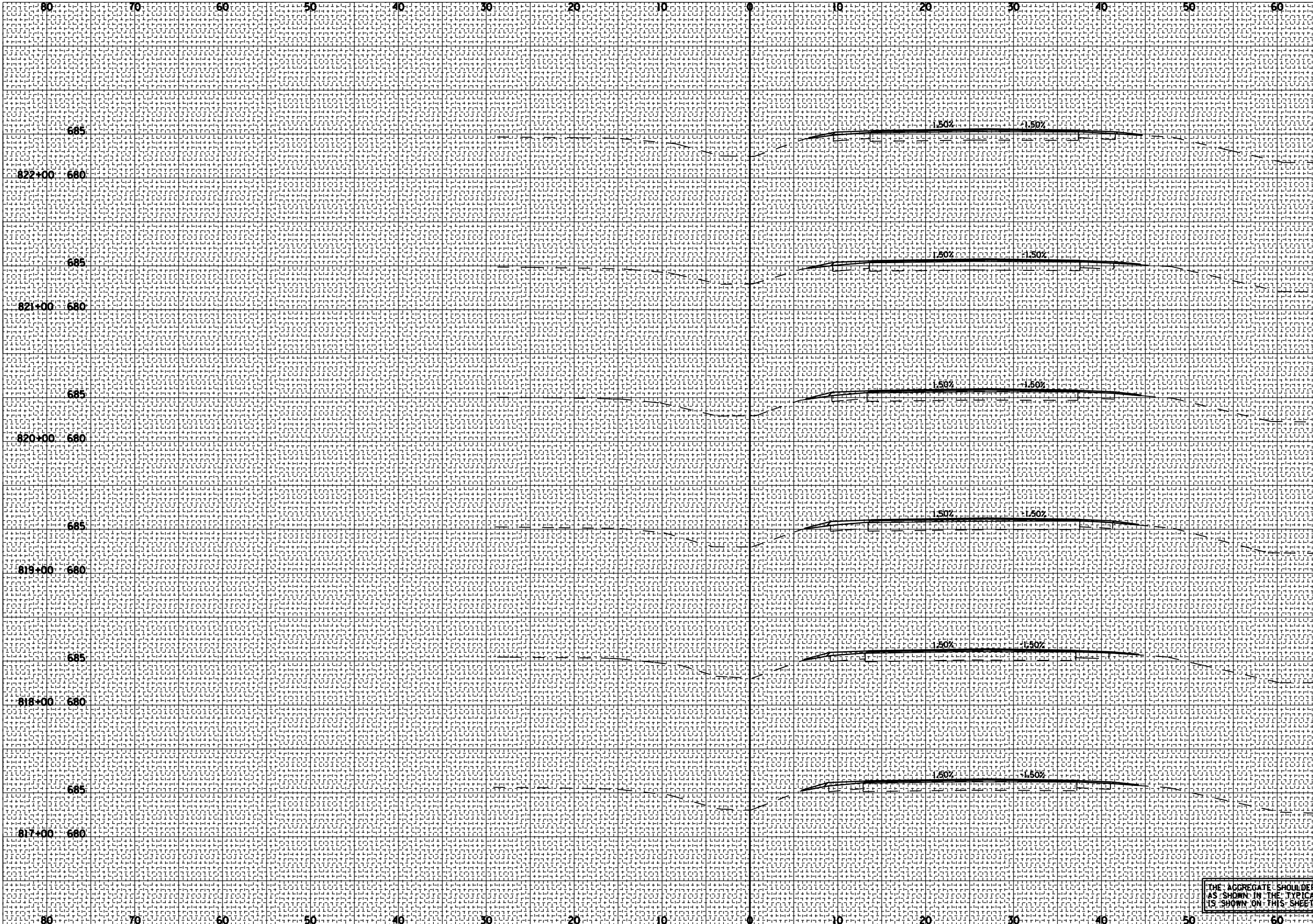


THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R		302	192
STA. 817+00 TO STA. 822+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

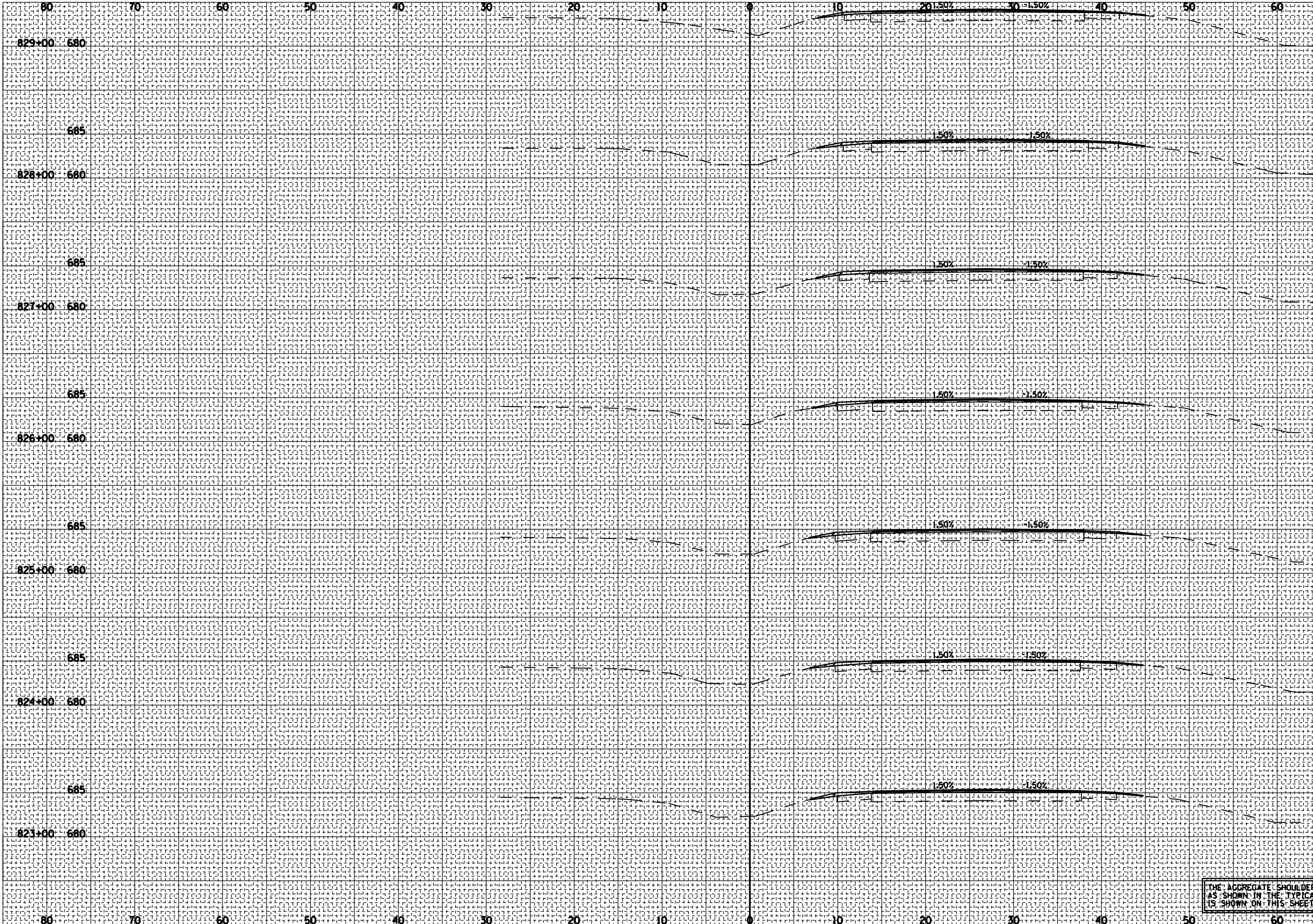
BY	DATE

BY	DATE



THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

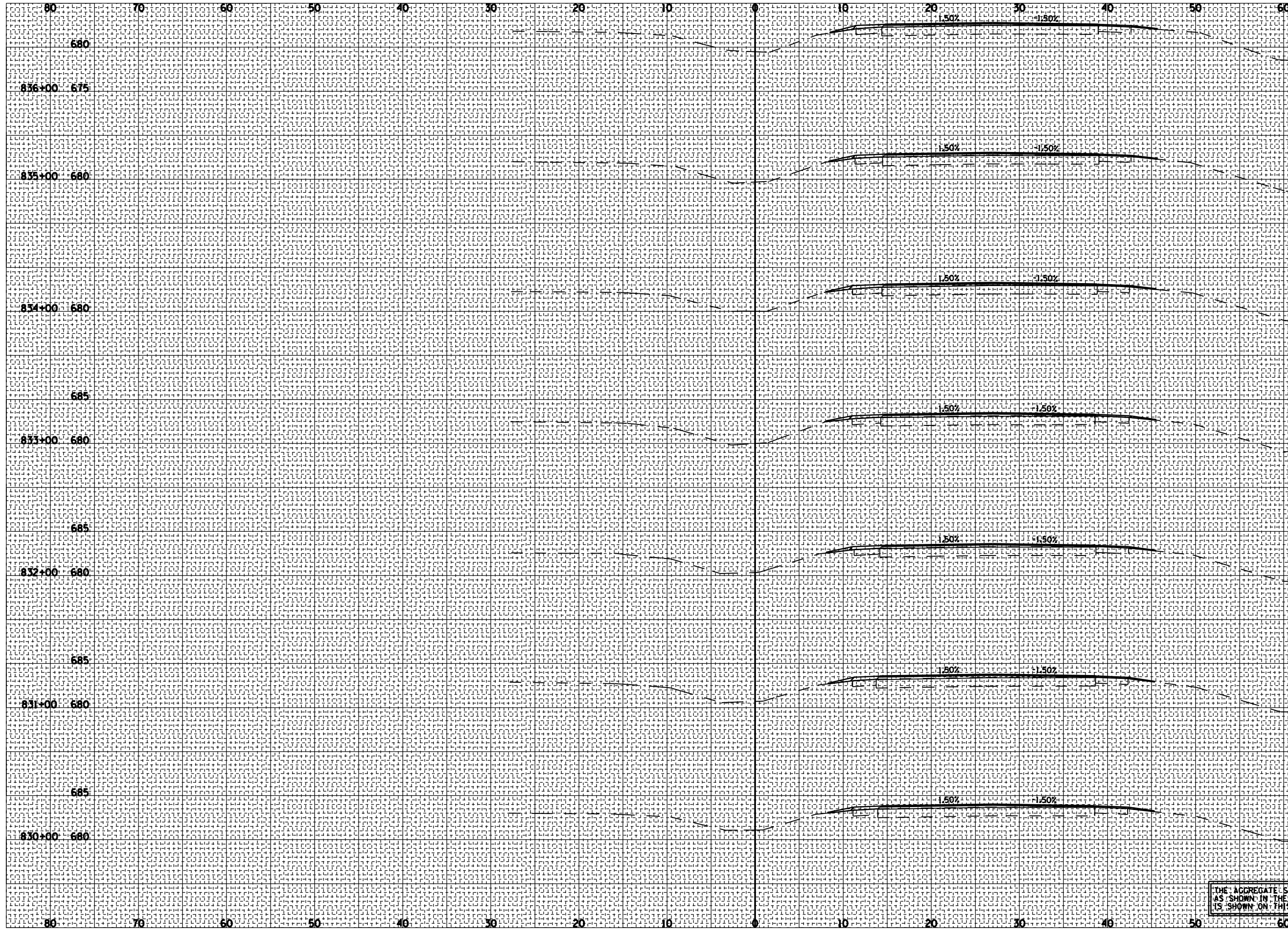
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R		302	193
STA. 823+00 TO STA. 829+00				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
829+00				



BY	DATE

BY	DATE

THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R		302	194
STA. 830+00 TO STA. 836+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				
			675 836+00	

BY	DATE

BY	DATE

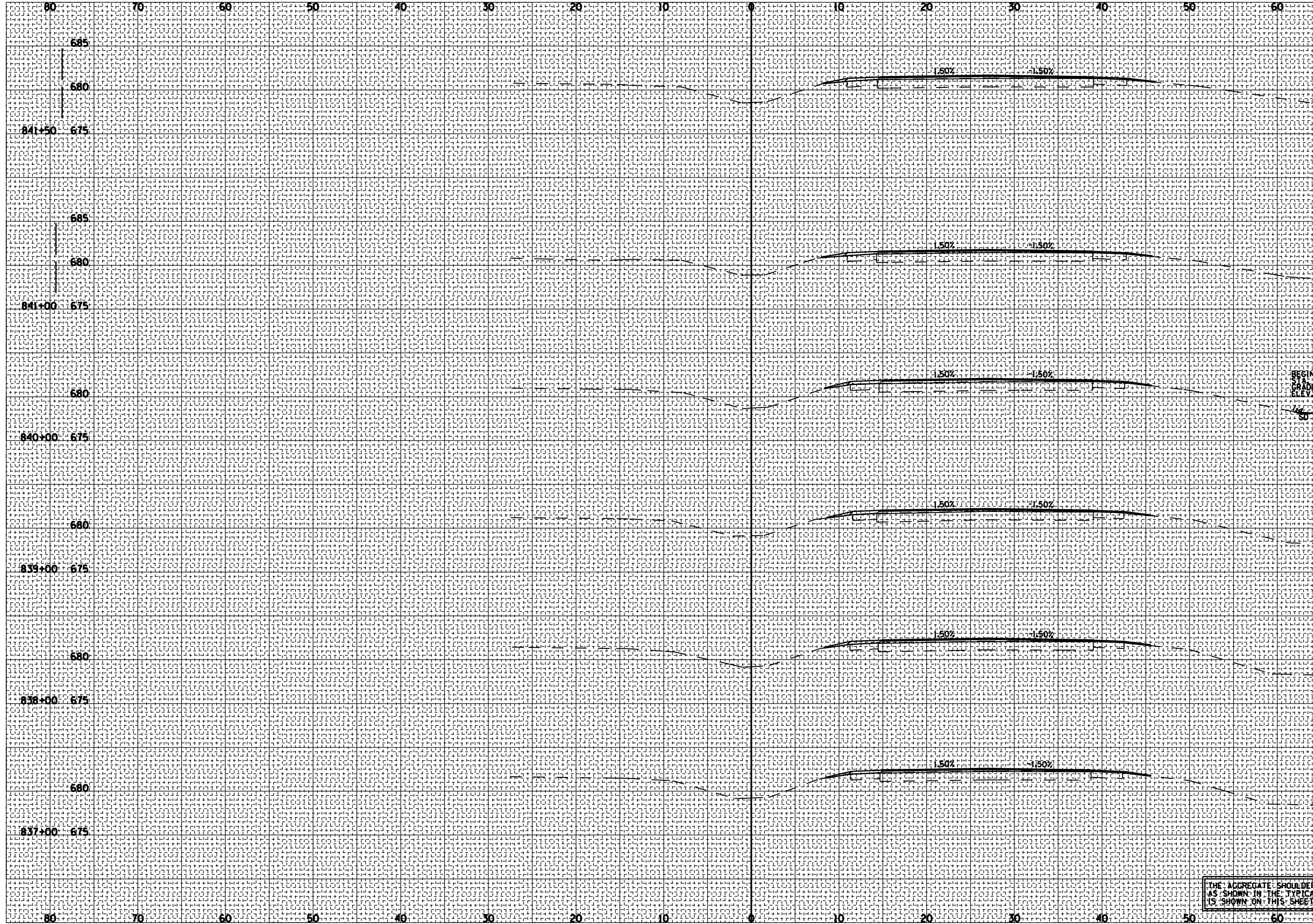
THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.S. RTE. 1767	SECTION RS, R	COUNTY *	TOTAL SHEETS 302	SHEET NO. 195
STA. 837+00		TO STA. 841+50		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
MACOUPIN & MONTGOMERY COUNTIES				

CONTRACT NO. 72526

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
NO.	
AREAS CHECKED	



THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R	•	302	196
STA. 842+00 TO STA. 842+00				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

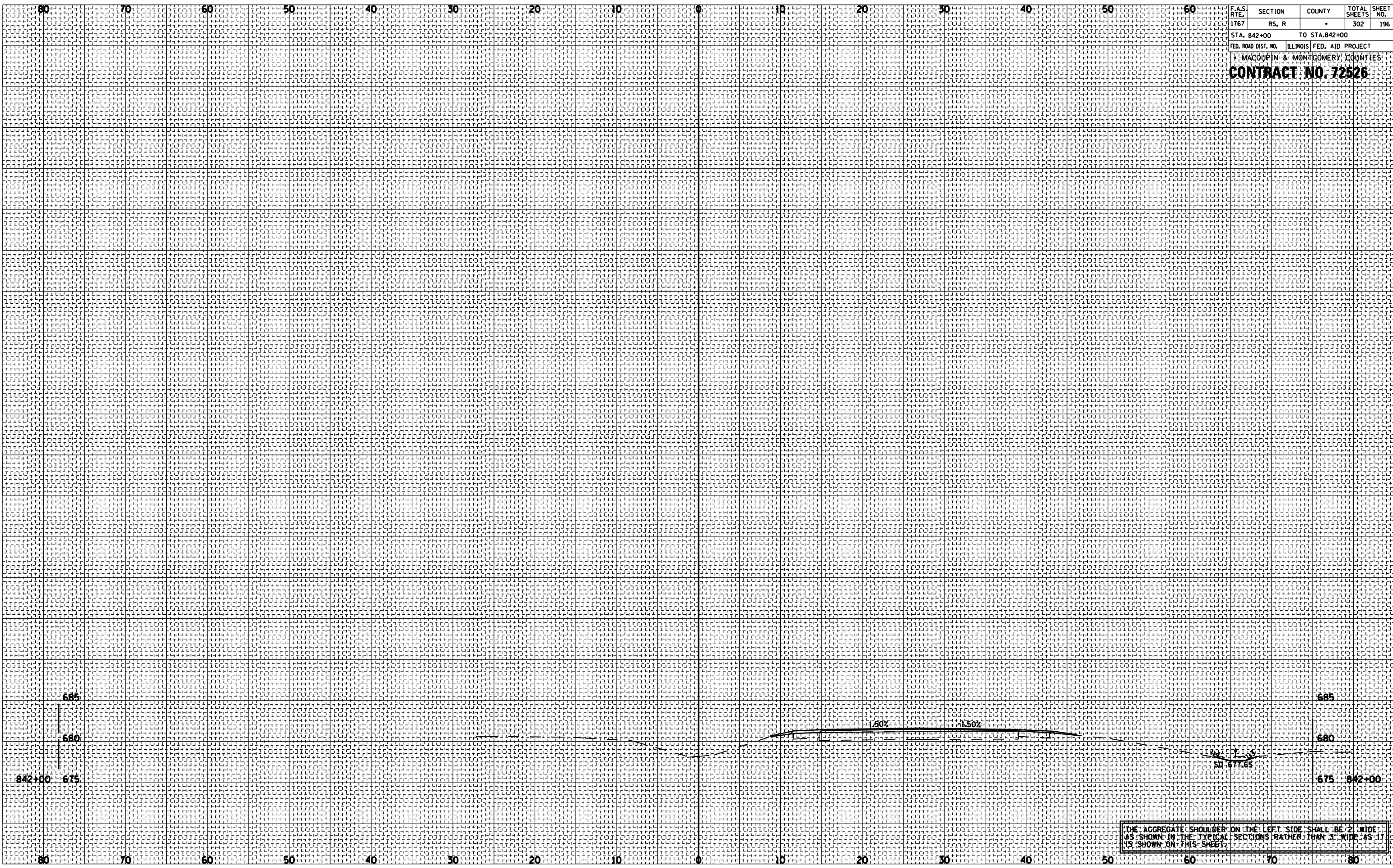
NO.	AREAS CHECKED

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

NO.	AREAS CHECKED



THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R		302	197
STA. 844+00 TO STA. 849+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

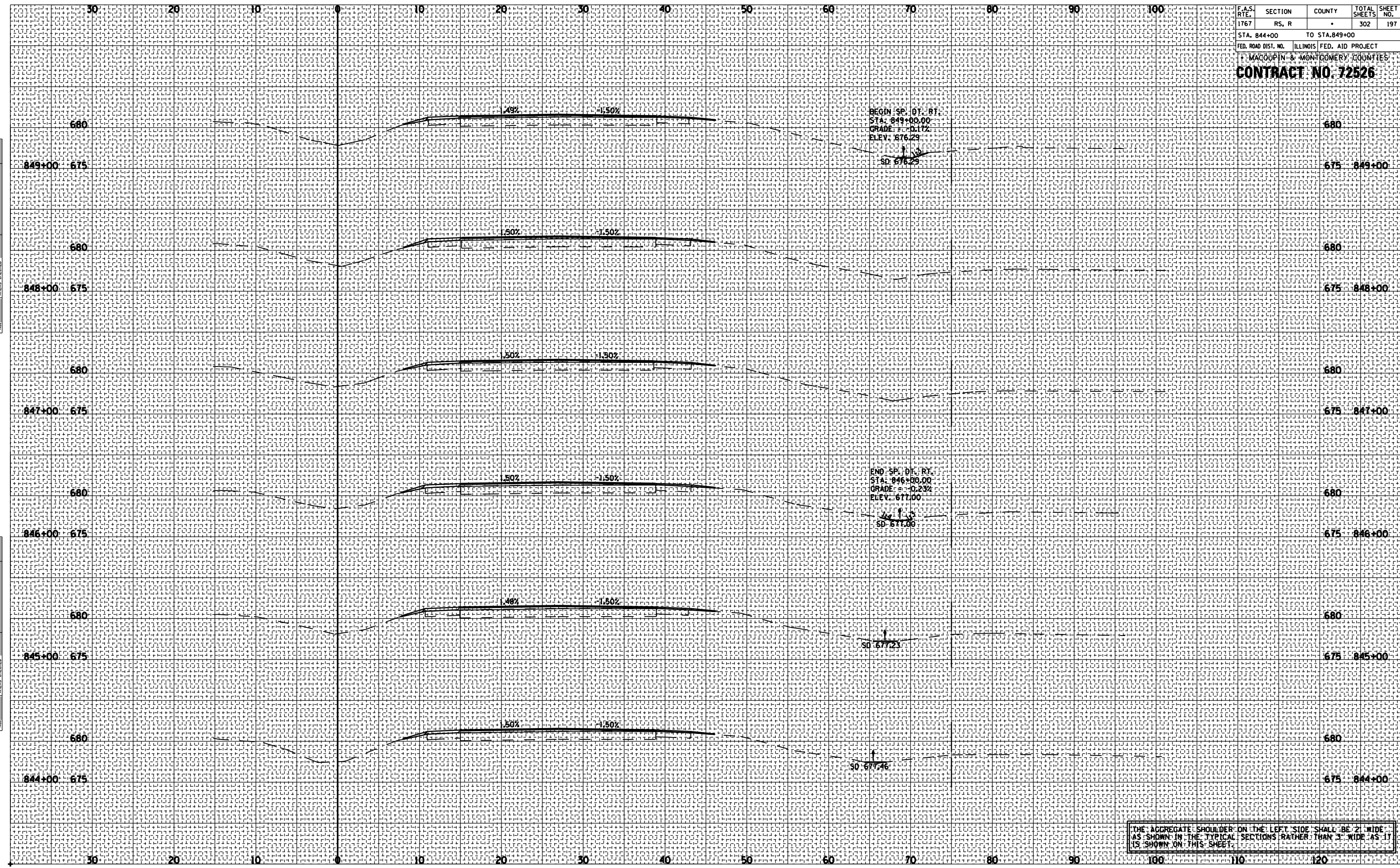
NO.	AREAS CHECKED

NO.	AREAS CHECKED

BY	DATE

NO.	AREAS CHECKED

NO.	AREAS CHECKED

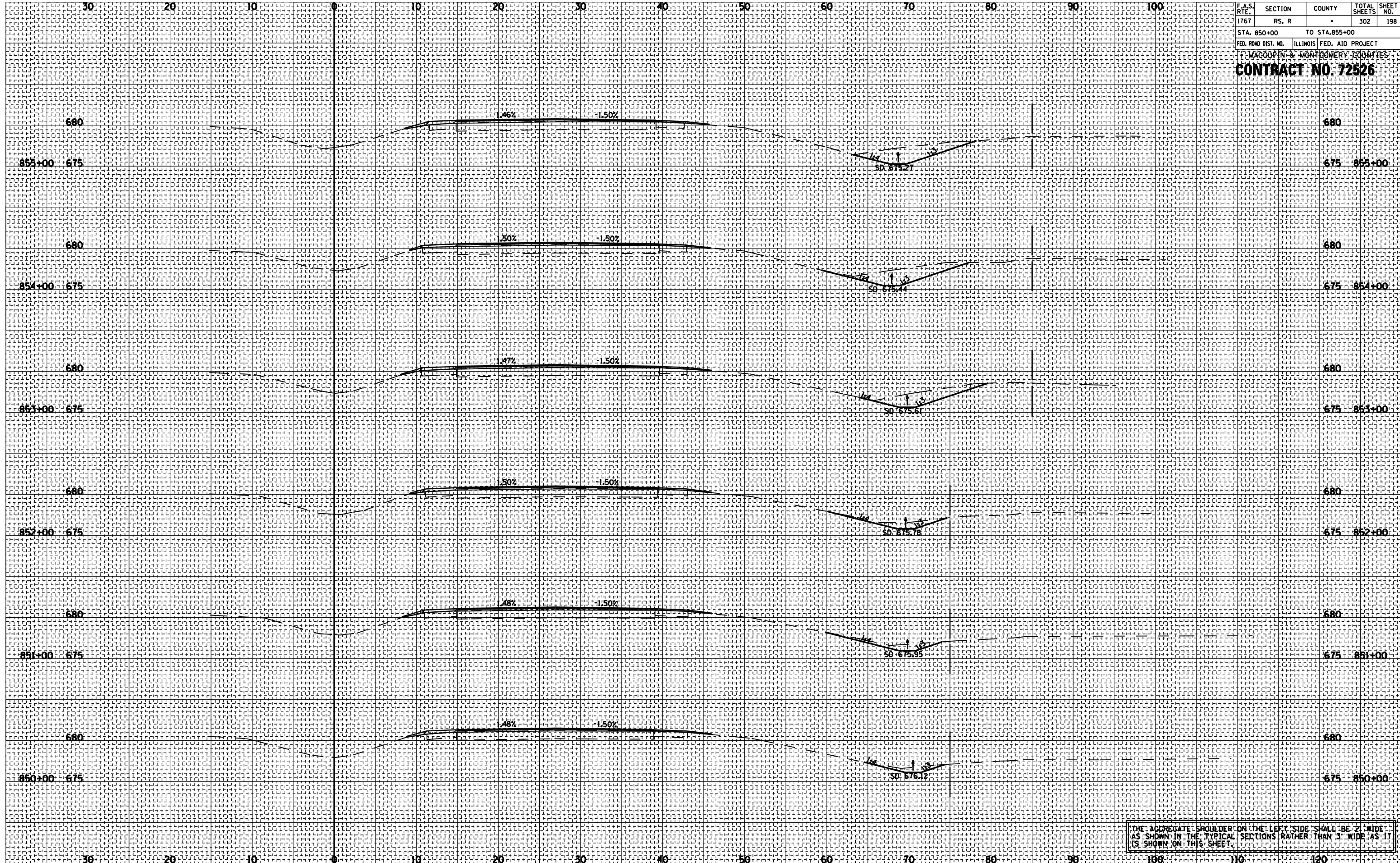


THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R		302	198
STA. 850+00 TO STA. 855+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

BY	DATE

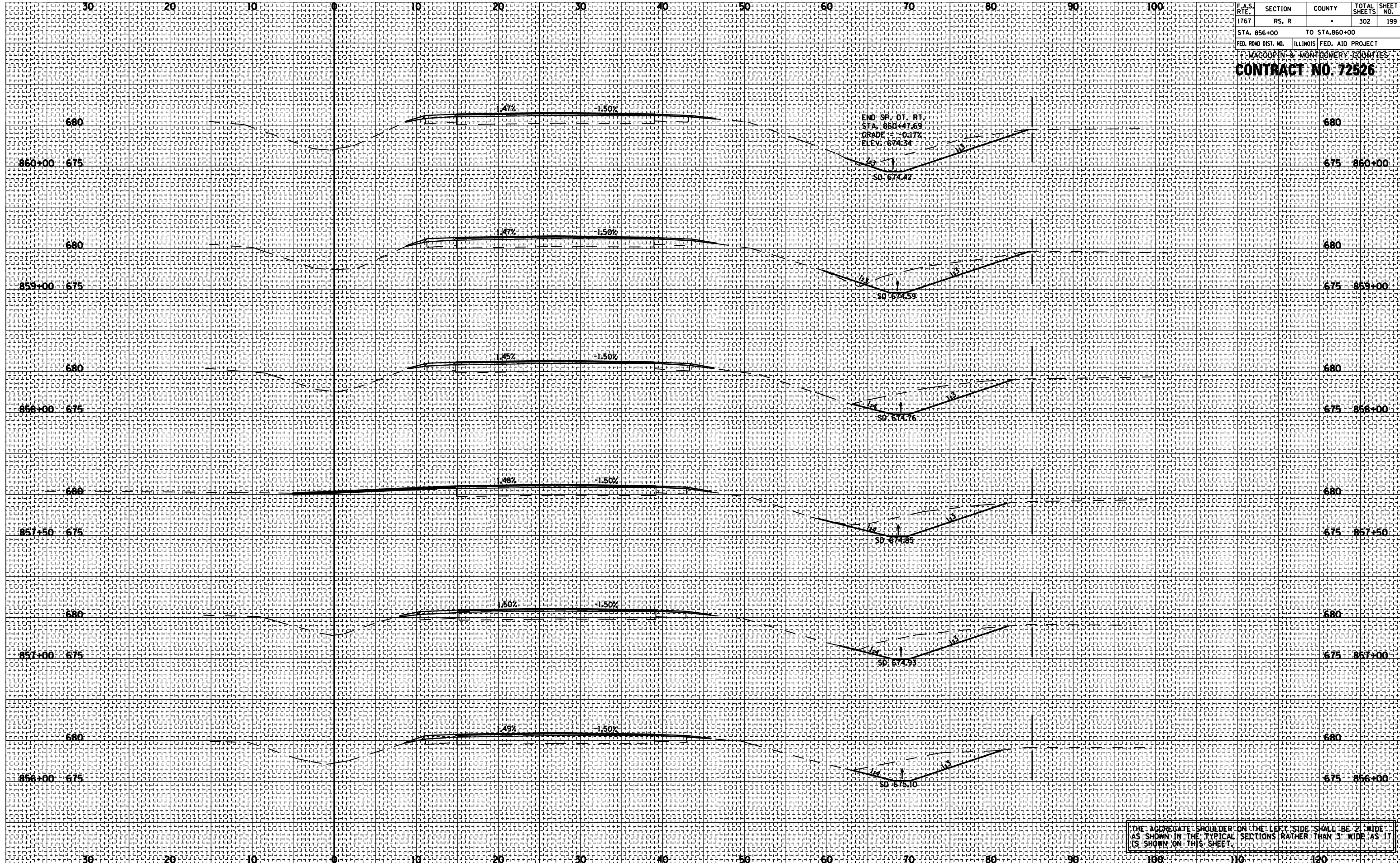


THE AGGREGATE SHOULDER ON THE LEFT SIDE SHALL BE 2' WIDE AS SHOWN IN THE TYPICAL SECTIONS RATHER THAN 3' WIDE AS IT IS SHOWN ON THIS SHEET.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R		302	199
STA. 856+00		TO STA. 860+00		
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

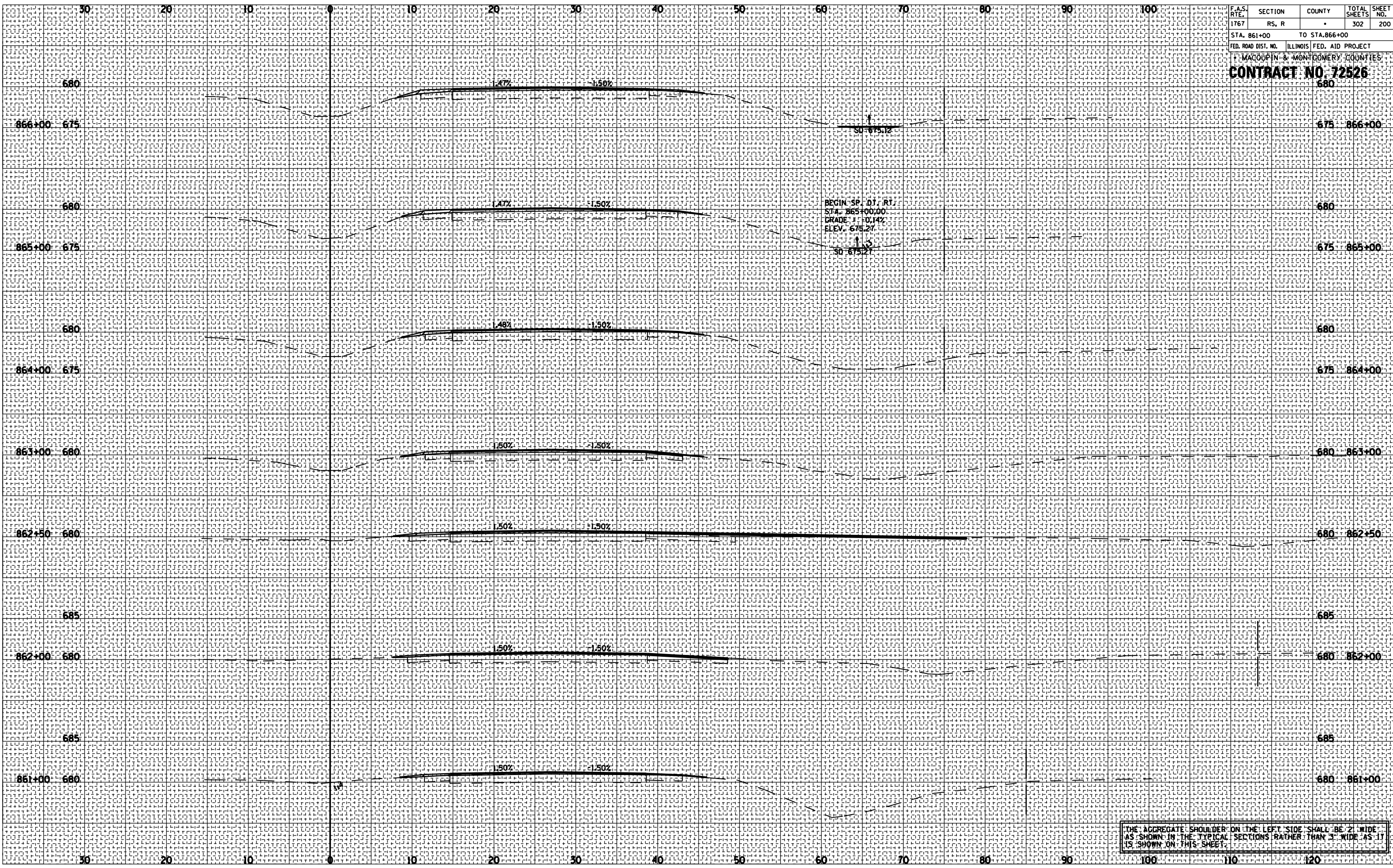
BY	DATE



F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1767	RS, R	•	302	200
STA. 861+00 TO STA. 866+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
MACOUPIN & MONTGOMERY COUNTIES				
CONTRACT NO. 72526				

BY	DATE

BY	DATE



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