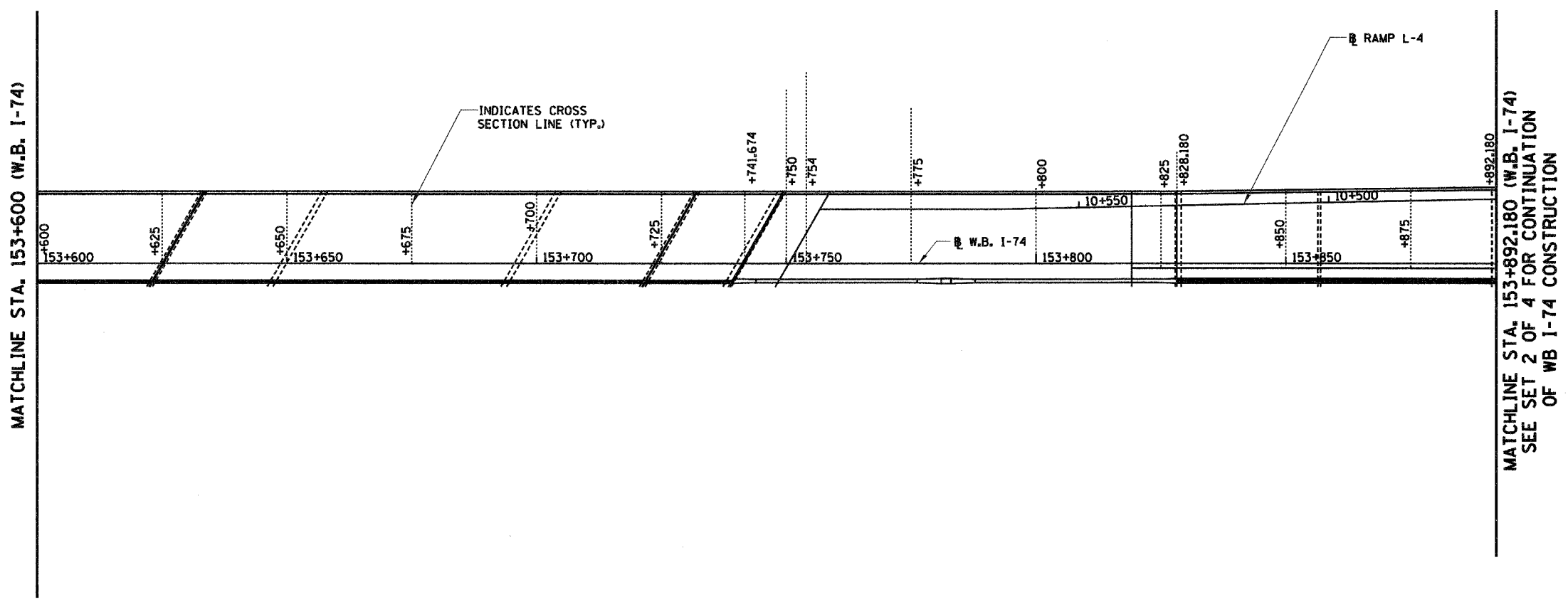
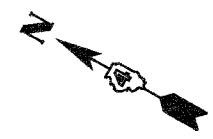
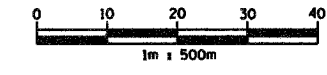


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68201

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	00-11R-23003,14,14-1R-1	TAZEWELL	1366	302
STA. 153+600.000 TO STA. 153+892.180		FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT		



SHEET 5 OF 5

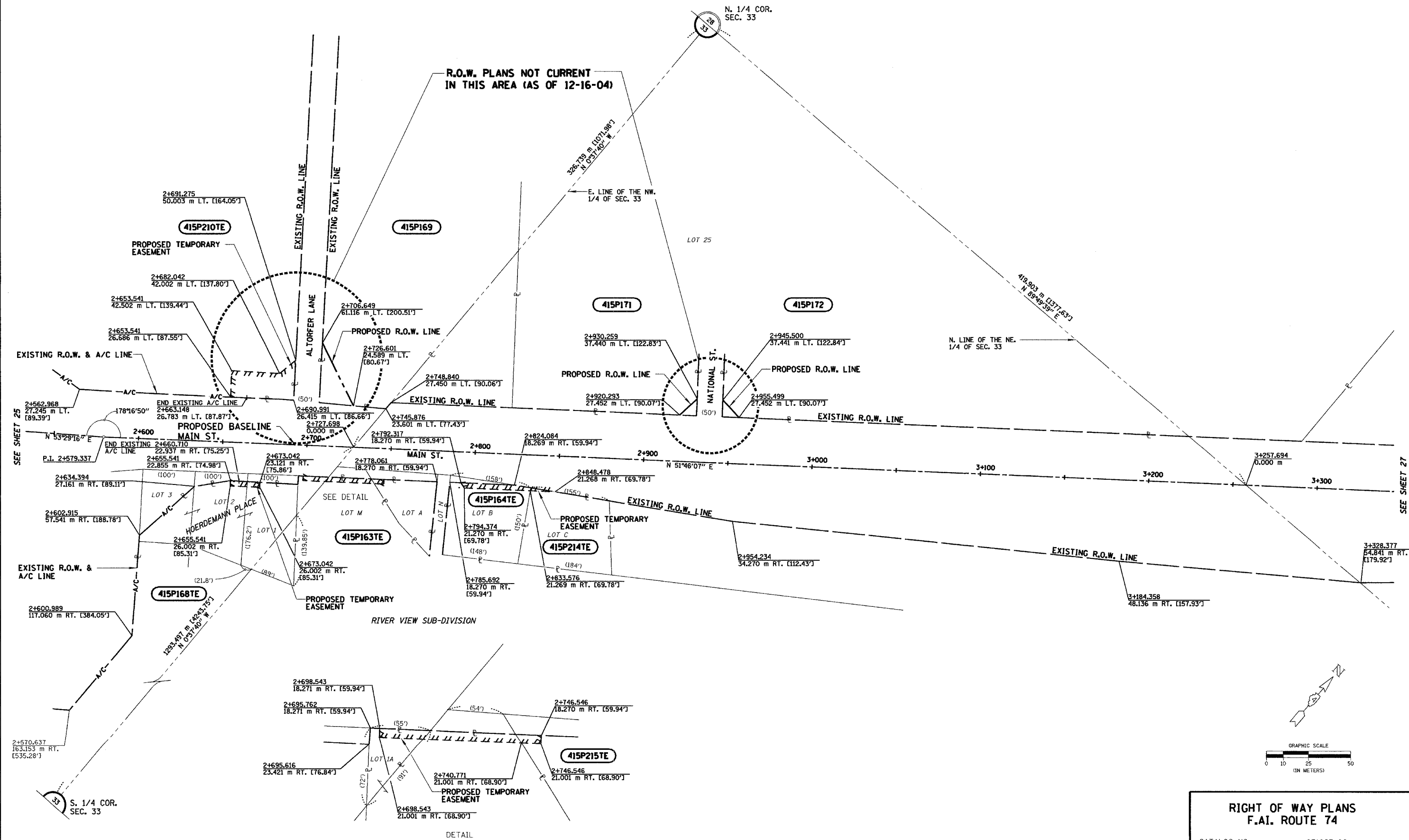
REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
**SHEAR LINES
 WESTBOUND I-74
 STA. 153+600.000 TO
 STA. 153+892.180**
 DRAWN BY DBK
 CHECKED BY MLB
 DATE 12-20-04

TOWNSHIP 26 NORTH, RANGE 4 WEST, 3rd P.M.

Total Sheet	303
Sheet No.	1366



DETAIL SCALE 1 : 500

NOTES:
 SURVEYED IN METRIC, DIMENSIONS SHOWN IN ENGLISH HAVE BEEN CONVERTED (1 METER = 3.28083333') METRIC DIMENSIONS AND AREAS SHALL CONTROL.
 () ENGLISH EQUIVALENT
 () RECORD DATA

NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE COORDINATES, WEST ZONE. THE PROJECT COMBINATION FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES. ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING "GRID" COORDINATES.

RIGHT OF WAY PLANS F.A.I. ROUTE 74	
CATALOG NO.	031087-00
SECTION	(72-8)R-1,72(9,9-1)R
STATION	2+550 TO 3+300
JOB. NO.	R-94-015-98 COUNTY TAZEWELL
SCALE	1 : 1000 SHEET 26 OF

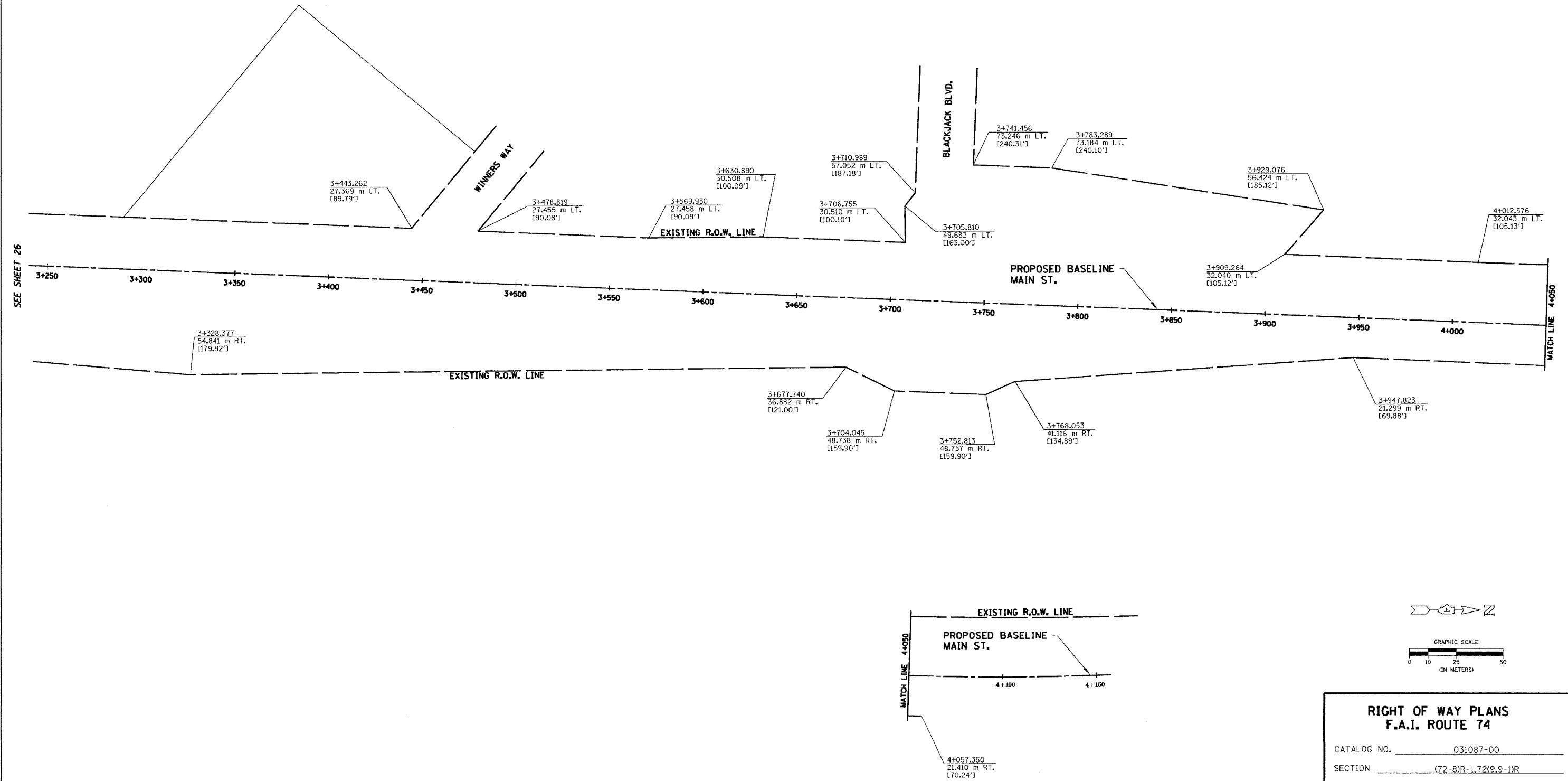
TOWNSHIP 26 NORTH, RANGE 4 WEST, 3rd P.M.

Total Sheets	Sheet No.
1366	304

NOTES:
 SURVEYED IN METRIC, DIMENSIONS SHOWN IN ENGLISH HAVE BEEN CONVERTED (1 METER = 3.28083333') METRIC DIMENSIONS AND AREAS SHALL CONTROL.
 () ENGLISH EQUIVALENT
 () RECORD DATA

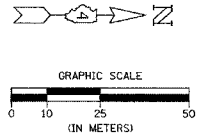
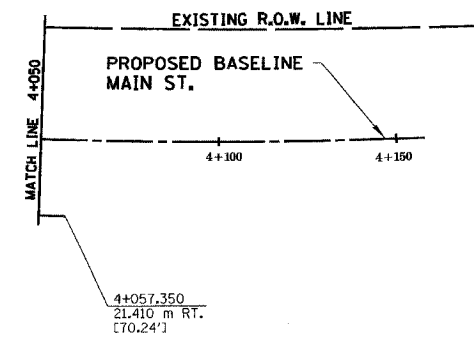
NOTE: PROJECT DATUM IS NAD83 ILLINOIS STATE PLANE COORDINATES, WEST ZONE. THE PROJECT COMBINATION FACTOR IS 0.999941679. ALL LAND ACQUISITION DOCUMENTS WERE PROJECTED TO "GROUND" COORDINATES. FINAL STAKED ALIGNMENTS WERE PROJECTED TO "GROUND" COORDINATES. ALL CONSTRUCTION DOCUMENTS WERE DEVELOPED USING "GRID" COORDINATES.

NOTE: STATION OFFSETS FROM PROPOSED BASELINE OF MAIN ST.



SEE SHEET 26

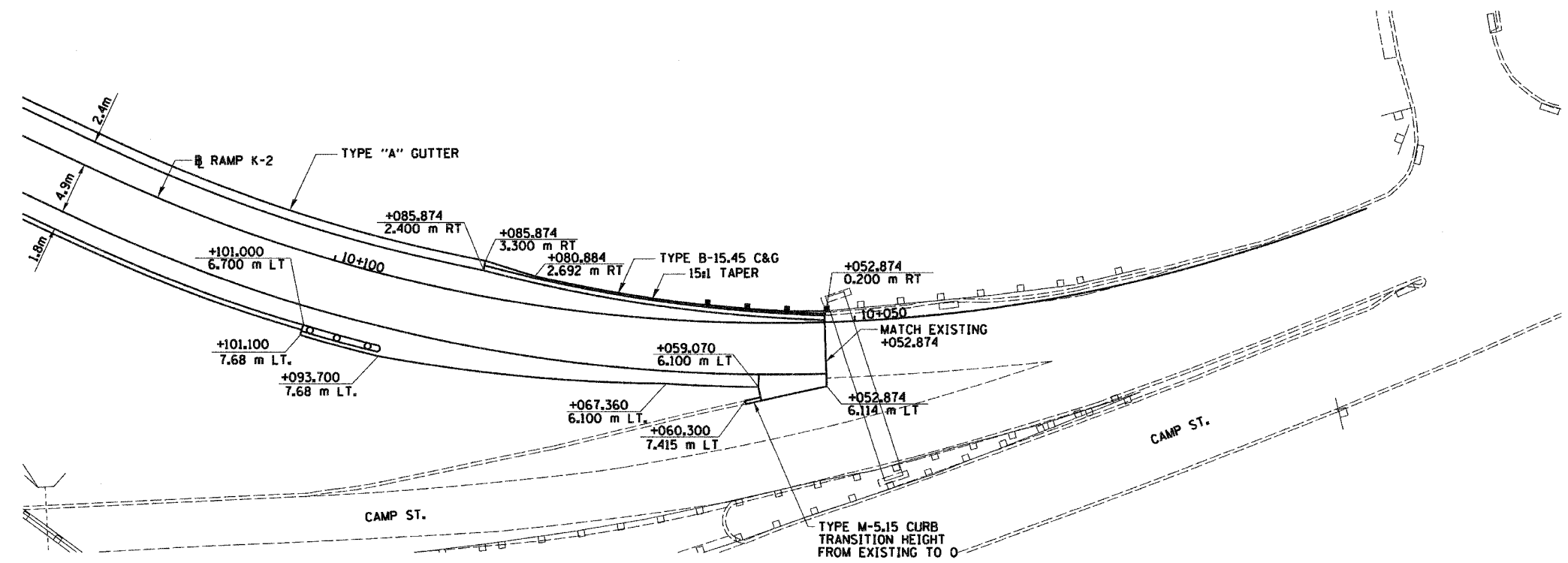
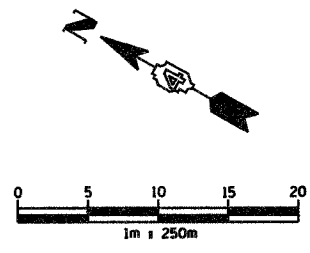
MATCH LINE 4+050



RIGHT OF WAY PLANS	
F.A.I. ROUTE 74	
CATALOG NO.	031087-00
SECTION	(72-8)R-1.72(9,9-1)R
STATION	3+250 TO 4+150
JOB. NO.	R-94-015-98 COUNTY TAZEWELL
SCALE	1 : 1000 SHEET 27 OF -

60201

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	00-1R-2903,14,14-1R-1	TAZEWELL	1366	305
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



PLAN VIEW
(SHOWING HORIZONTAL CONTROL)



PLAN VIEW
(SHOWING VERTICAL CONTROL)



REVISIONS	
NAME	DATE

SHEET 1 OF 10

ILLINOIS DEPARTMENT OF TRANSPORTATION

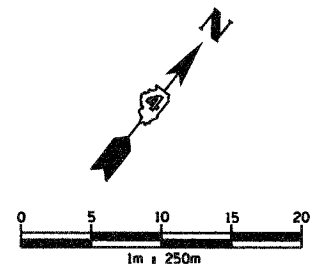
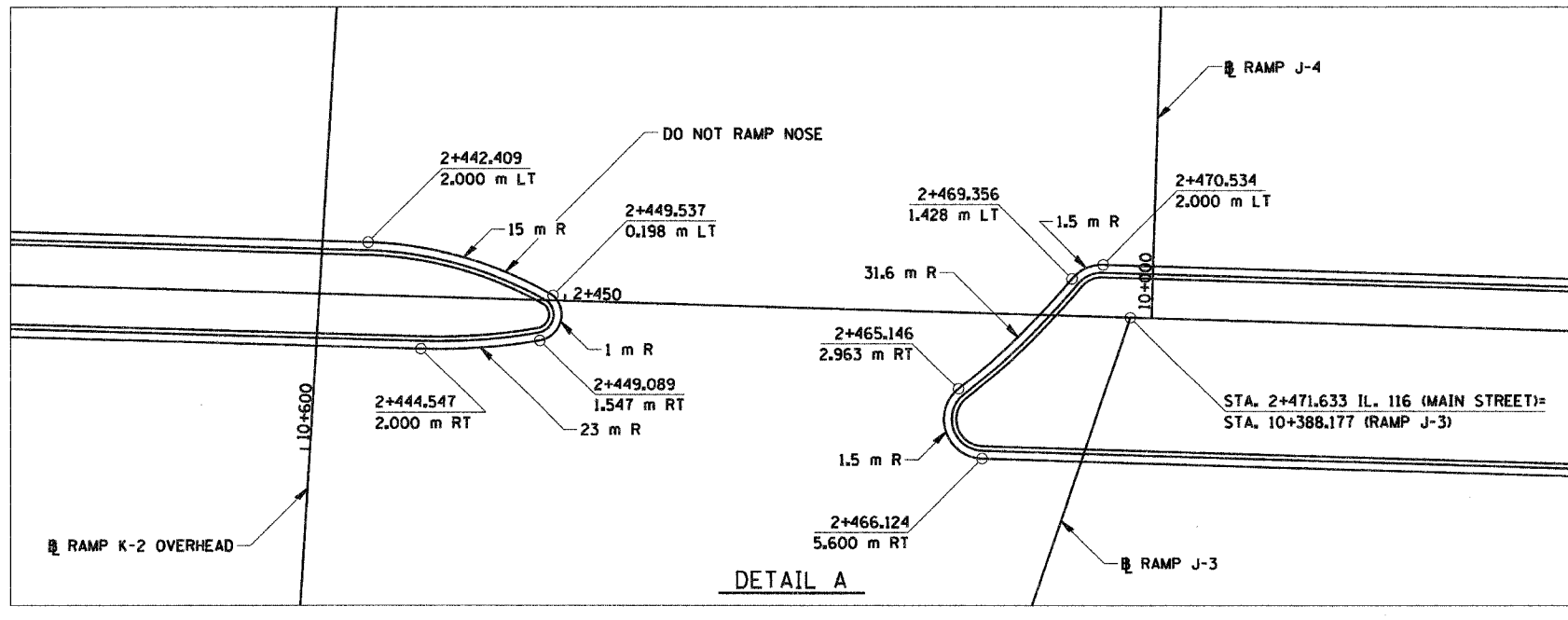
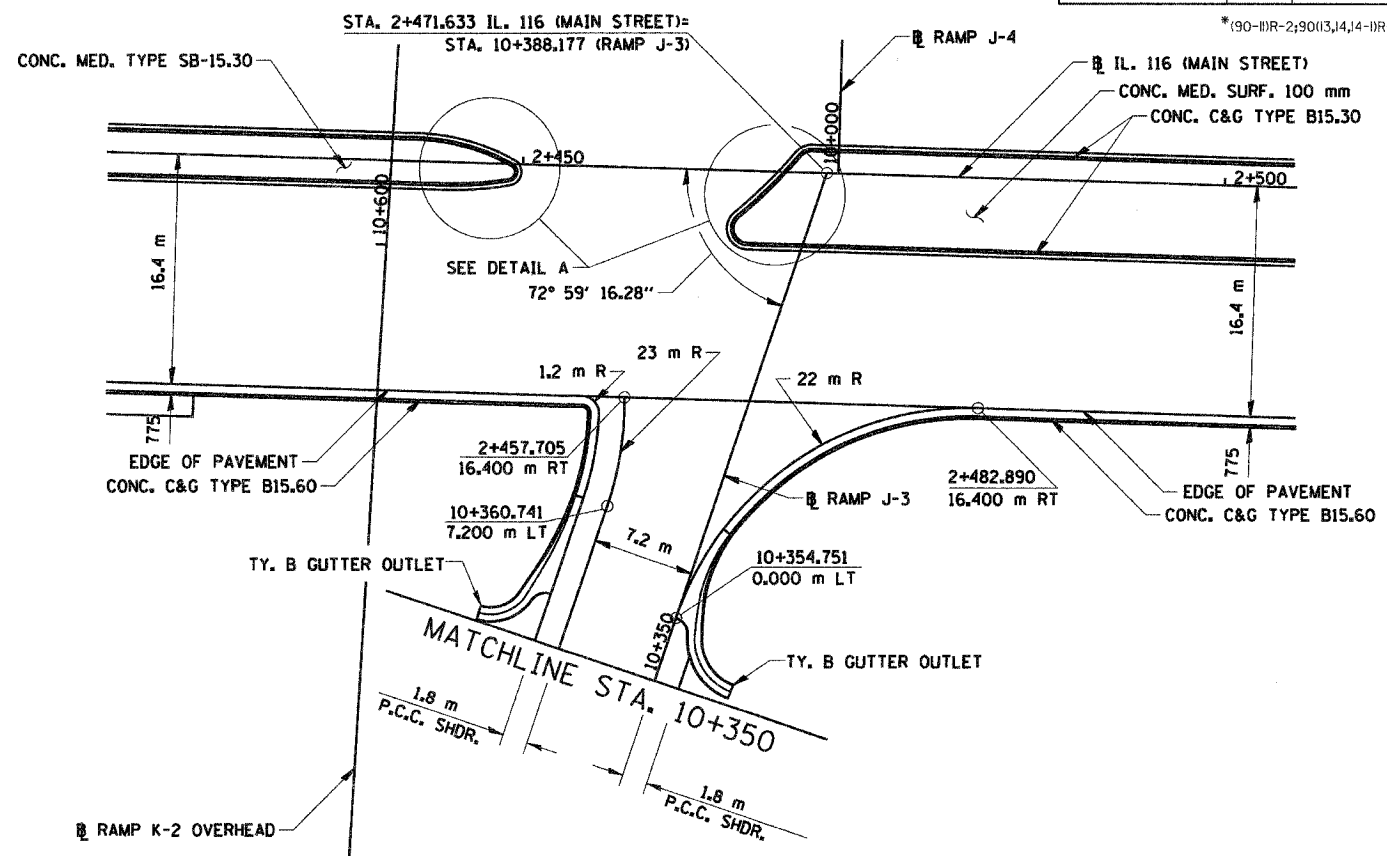
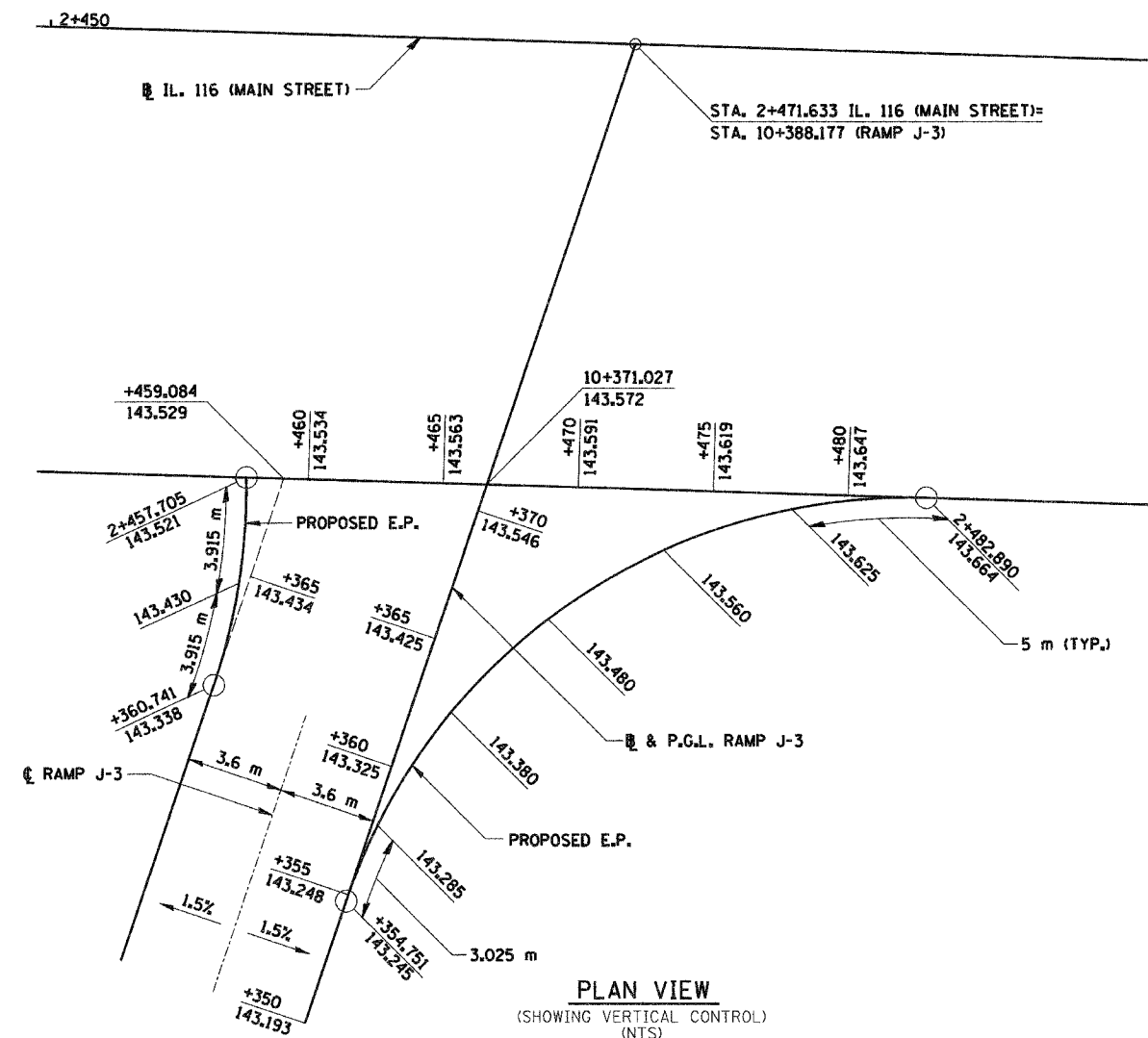
INTERSECTION DETAIL
WESTBOUND I-74
RAMP K-2

DATE 12/20/04

DRAWN BY JEH
CHECKED BY MLB

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	306
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

*190-DR-2,90(3,4,4)-DR-1



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
RAMP J-3
AT MAIN STREET

DATE 12-20-04

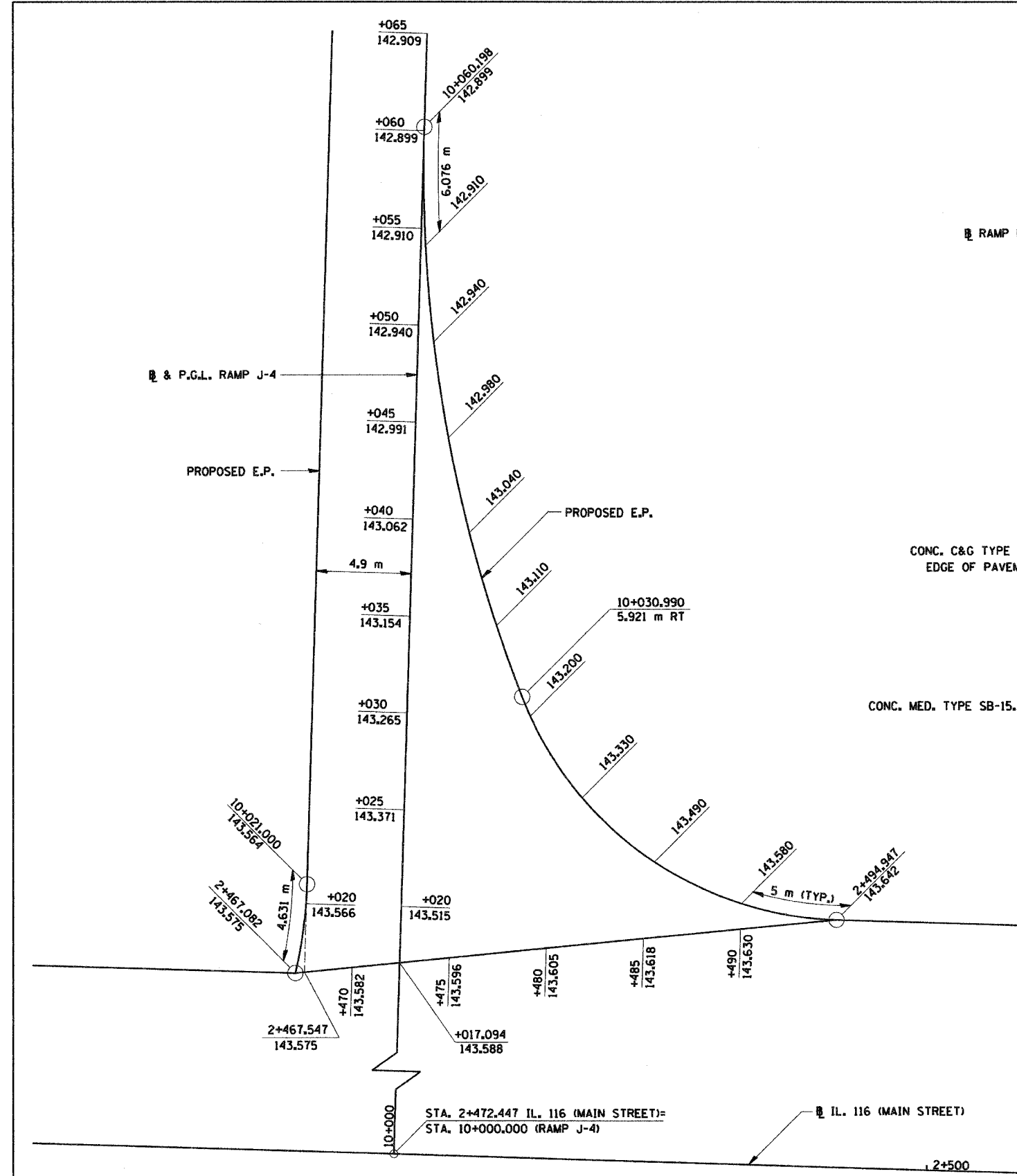
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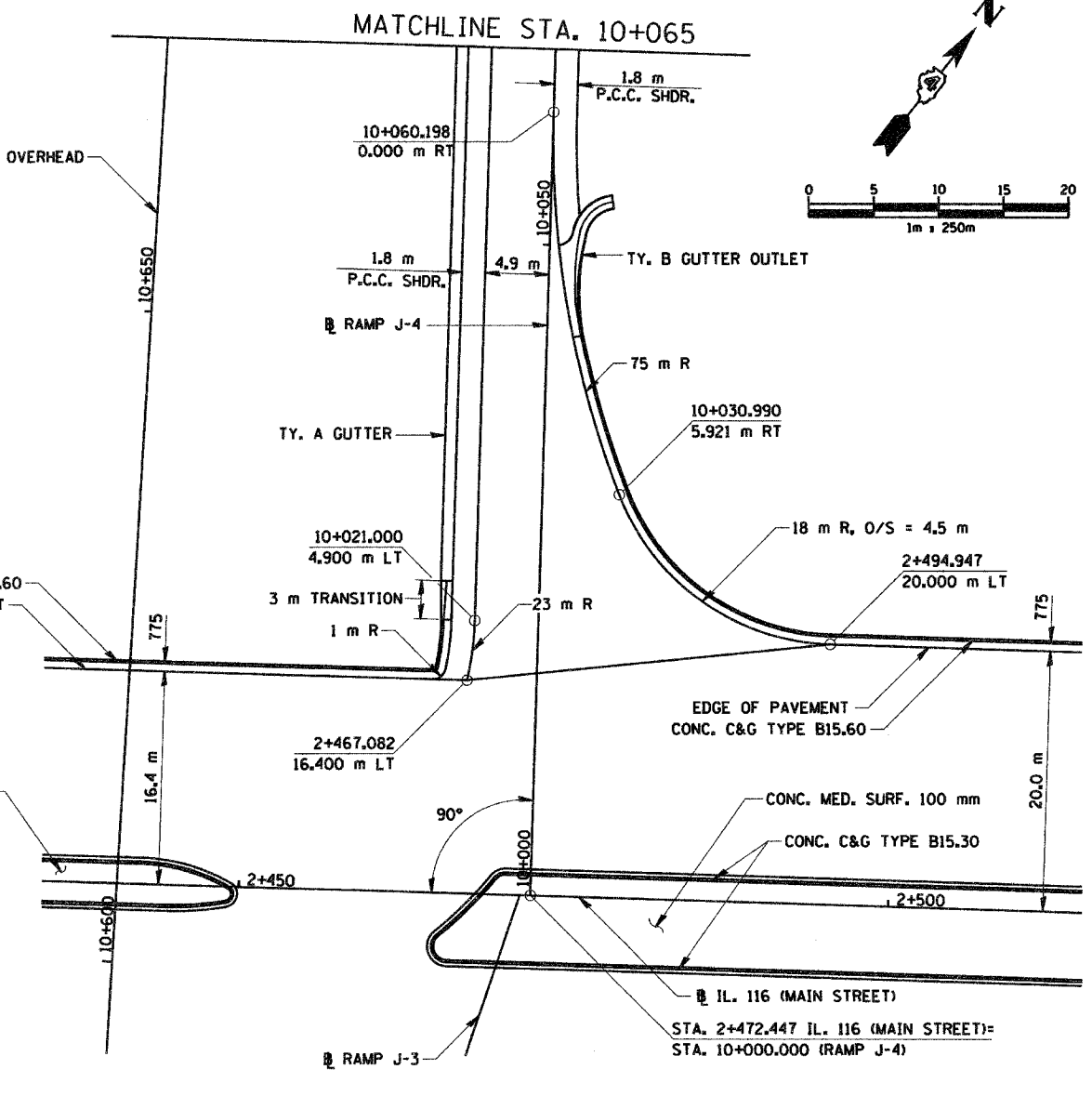
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	307
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

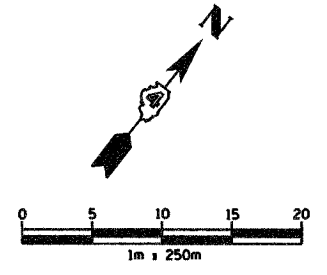
*190-11R-2;9013,14,14-11R-1



PLAN VIEW
(SHOWING VERTICAL CONTROL)
(NTS)



PLAN VIEW
(SHOWING HORIZONTAL CONTROL)



SHEET 3 OF 10

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

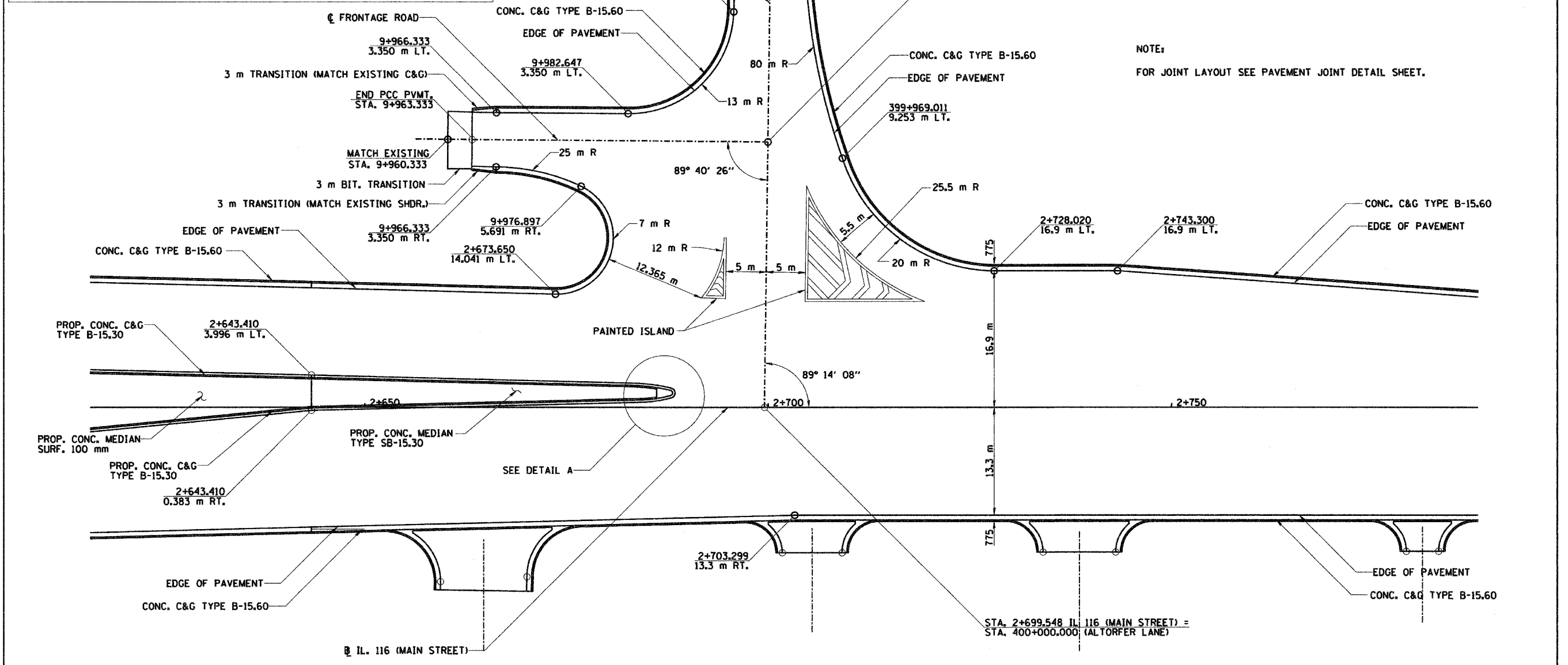
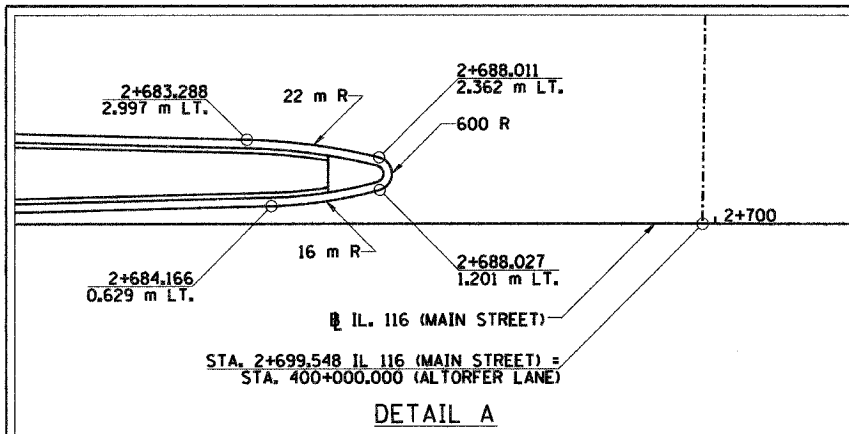
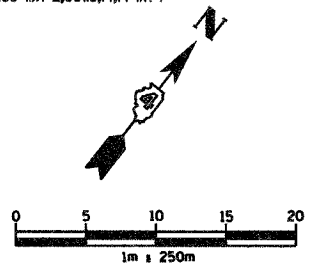
INTERSECTION DETAILS
RAMP J-4
AT MAIN STREET



DRAWN BY SRS
CHECKED BY JJM
DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	308
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* (90-IBR-2) 9013, 14, 14-IBR-1



PLAN VIEW
(SHOWING HORIZONTAL CONTROL)

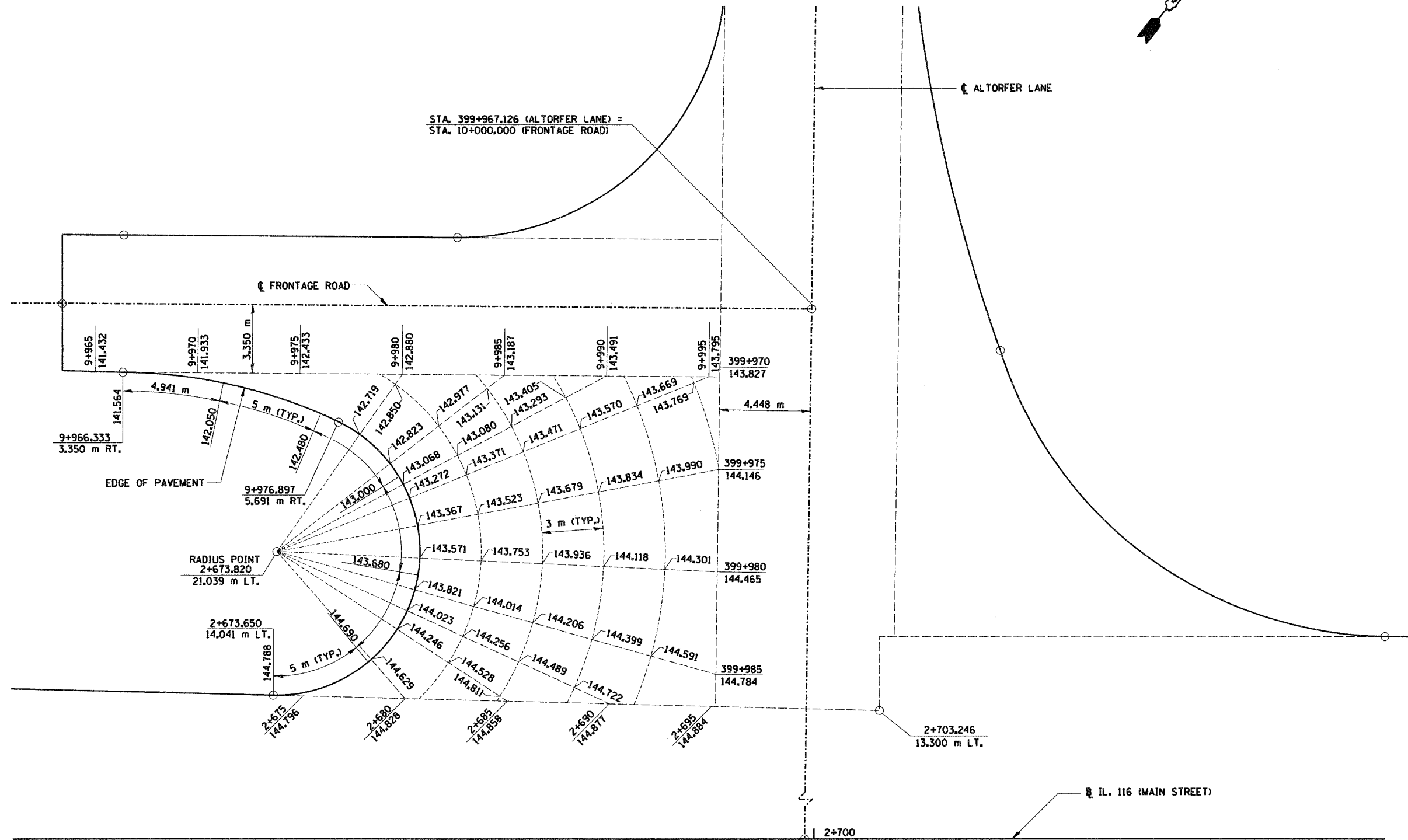
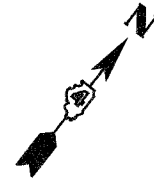
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION DETAILS
ALTORFER LANE
AT MAIN STREET
DRAWN BY SRS
CHECKED BY JJM
DATE 12-20-04



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	310
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*(90-IBR-2)90(3,4,14-DR-1				



STA. 399+967.126 (ALTORFER LANE) =
STA. 10+000.000 (FRONTAGE ROAD)

PLAN VIEW
(SHOWING VERTICAL CONTROL)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INTERSECTION DETAILS
ALTORFER LANE
AT MAIN STREET

DRAWN BY SRS
CHECKED BY JJM

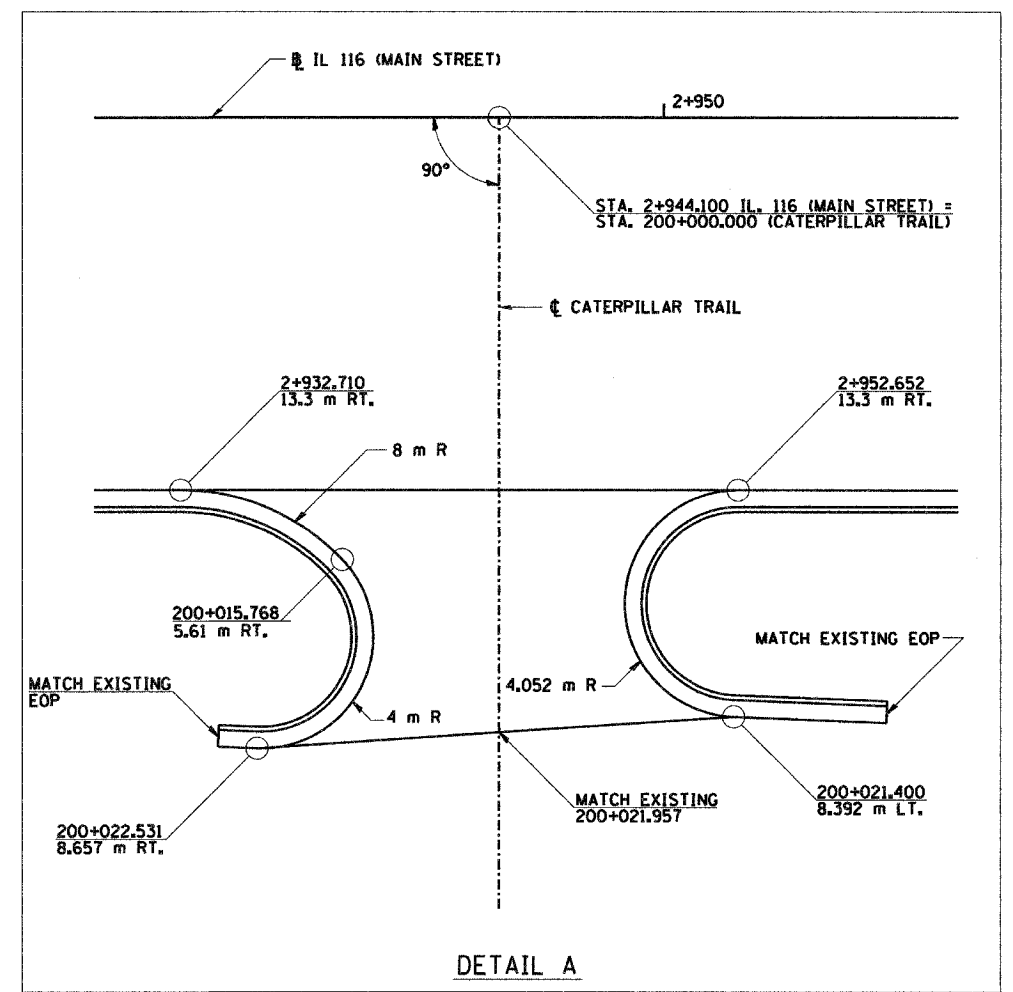
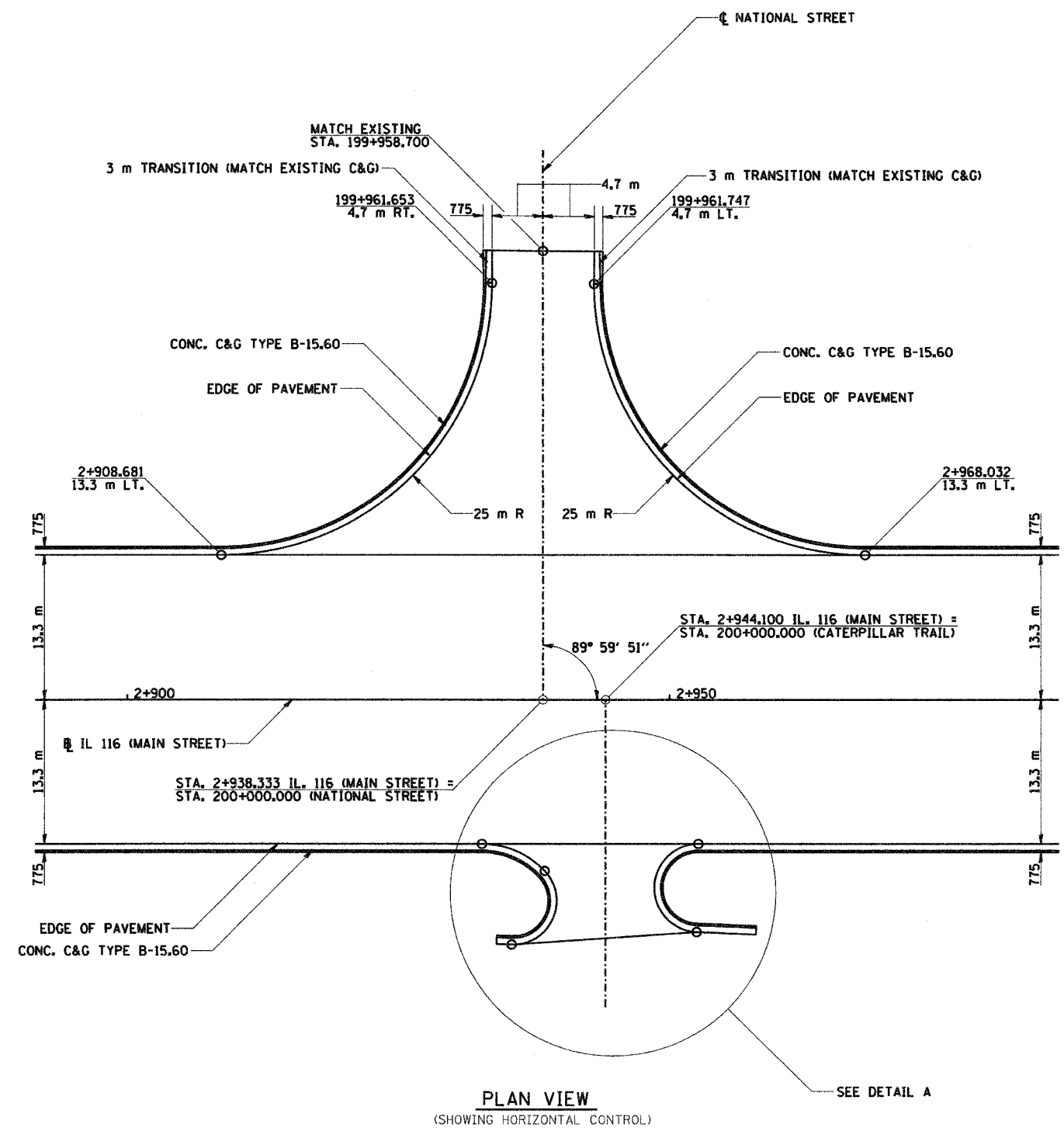
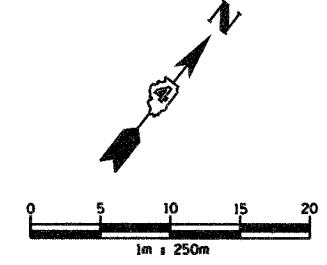
DATE 12-20-04



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	*	TAZEWELL	1366
STA.	TO STA.		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
* (90-IDR-29013,14,14-1R-1)			



REVISIONS	
NAME	DATE

SHEET 7 OF 10

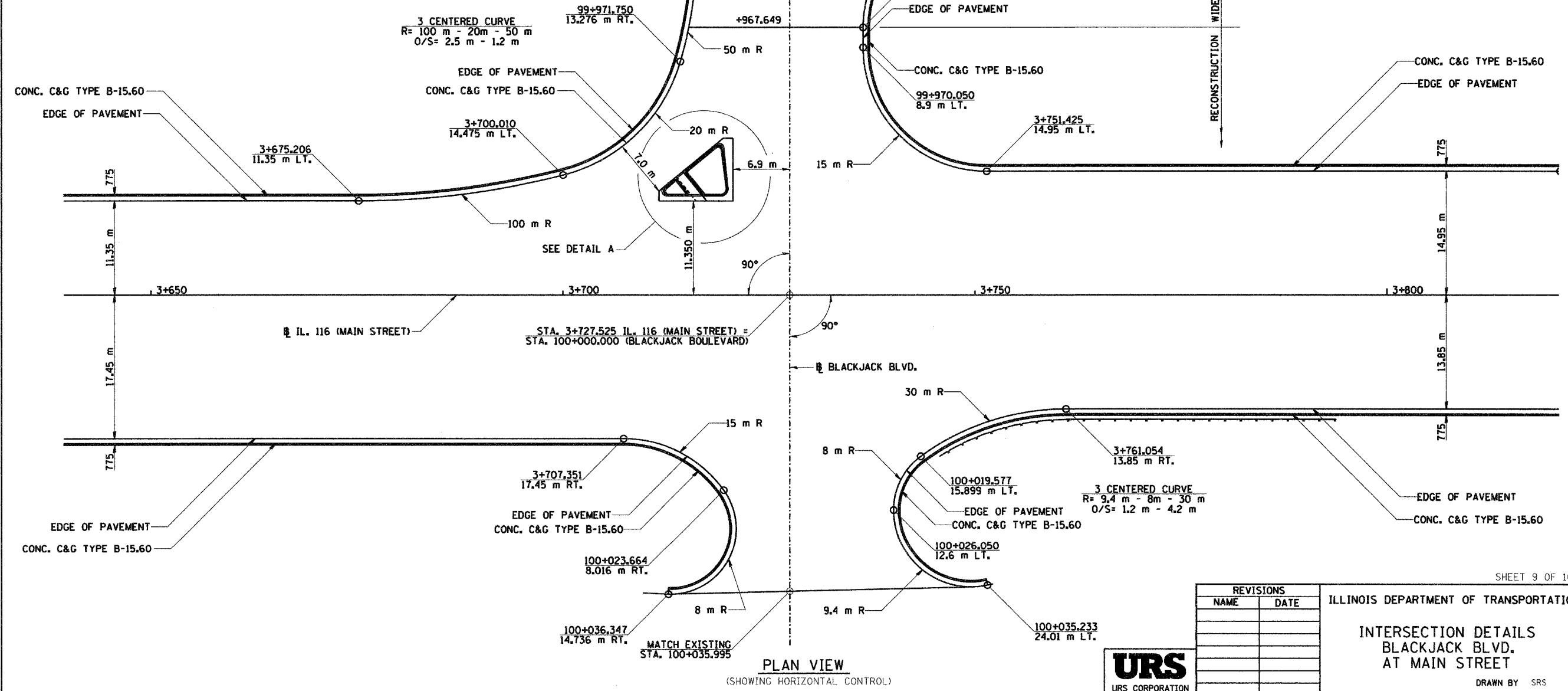
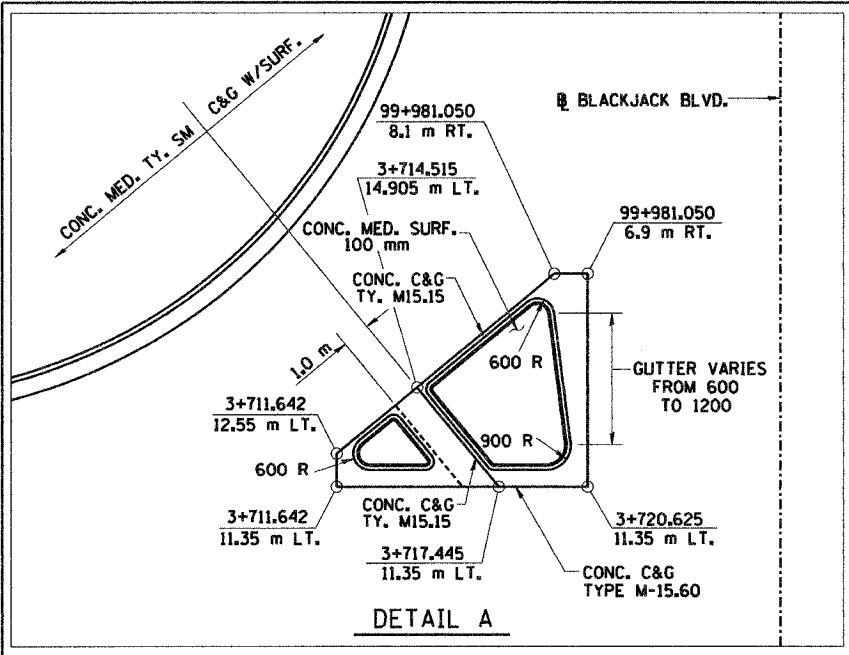
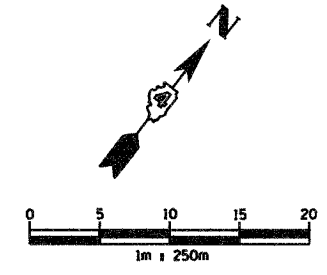
ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS
 NATIONAL STREET &
 CATERPILLAR TRAIL
 AT MAIN STREET

DRAWN BY SRS
 CHECKED BY JJM

DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	313
STA. TO STA.				
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	

* (90-IBR-2) 90(3,4,14-IBR-1



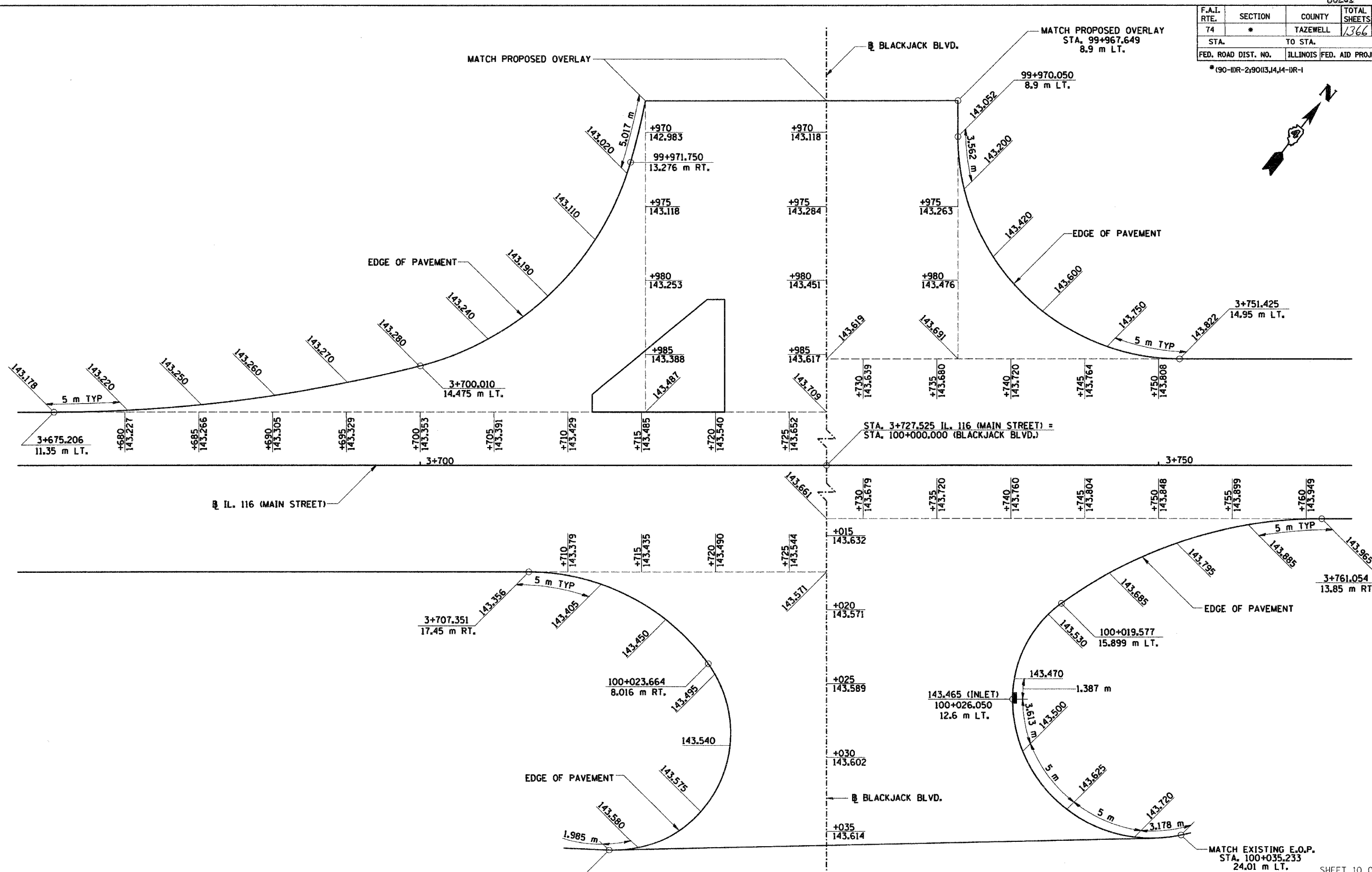
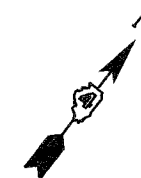
ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS
 BLACKJACK BLVD.
 AT MAIN STREET
 DRAWN BY SRS
 CHECKED BY JJM
 DATE 12-20-04



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	314
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* (90-11R-2) 90(3,4,14-1R-1)



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSECTION DETAILS
 BLACKJACK BLVD.
 AT MAIN STREET
 DRAWN BY SRS
 CHECKED BY JJM
 DATE 12-20-04

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SCHEDULE OF TRAFFIC SIGNAL ITEMS

UNIT	ITEM	UNIT	WB RAMP	EB RAMP	BLACK JACK	TEMP TRAFFIC SIGNALS	INTER CONN-ECT	TOTAL QTY.
• 80500205	SERVICE INSTALLATION, TYPE B (MODIFIED)	EACH	1.0	0.0	1.0	0.0	0.0	2.0
81400400	CONCRETE HANDHOLE	EACH	3.0	0.0	3.0	0.0	13.0	19.0
81400600	CONCRETE DOUBLE HANDHOLE	EACH	1.0	0.0	1.0	0.0	0.0	2.0
82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	3.0	0.0	4.0	0.0	0.0	7.0
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0	0.0	1.0	0.0	0.0	2.0
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1.0	0.0	1.0	0.0	0.0	2.0
88200110	TRAFFIC SIGNAL BACKPLATE LOUVERED	EACH	8.0	0.0	12.0	0.0	0.0	20.0
88800100	PEDESTRIAN PUSH-BUTTON	EACH	0.0	0.0	2.0	0.0	0.0	2.0
• 89000200	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	0.0	0.0	0.0	2.0	0.0	2.0
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	0.0	0.0	0.0	1.0	0.0	1.0
89502380	REMOVE EXISTING HANDHOLE	EACH	0.0	0.0	0.0	5.0	0.0	5.0
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	0.0	0.0	0.0	5.0	0.0	5.0
M8100260	CONDUIT IN TRENCH, 50 MM DIA, PVC	METER	23.0	0.0	70.0	0.0	2719.0	2812.0
M8100280	CONDUIT IN TRENCH, 75 MM DIA, PVC	METER	25.0	0.0	11.0	0.0	0.0	36.0
M8100290	CONDUIT IN TRENCH, 90 MM DIA, PVC	METER	22.0	0.0	42.0	0.0	0.0	64.0
M8101450	CONDUIT PUSHED, 50 MM DIA, PVC	METER	43.0	0.0	64.0	0.0	0.0	107.0
M8101480	CONDUIT PUSHED, 90 MM DIA, PVC	METER	43.0	0.0	64.0	0.0	0.0	107.0
M8110190	CONDUIT ATTACHED TO STRUCTURE, 90MM DIA., GALVANIZED STEEL	METER	0.0	0.0	6.1	0.0	0.0	6.1
M8150200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	70.0	0.0	80.0	0.0	1751.0	1901.0
• M8170040	ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6	METER	24.0	0.0	27.0	0.0	0.0	51.0
	LIGHT POLE, GALVANIZED STEEL, 13.5M M.H., 4.5 M DAVIT ARM	EACH	1.0	0.0	0.0	0.0	0.0	1.0
M8731220	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	METER	0.0	0.0	63.0	0.0	0.0	63.0
M8731240	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	260.0	0.0	593.0	0.0	0.0	853.0
M8731250	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	191.0	0.0	53.0	0.0	0.0	244.0
M8750510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	3.0	0.0	0.0	0.0	0.0	3.0
• M8770760	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 11.58 METER	EACH	0.0	0.0	2.0	0.0	0.0	2.0
M8780100	CONCRETE FOUNDATION, TYPE A	METER	2.7	0.0	0.0	0.0	0.0	2.7
M8780200	CONCRETE FOUNDATION, TYPE D	METER	1.1	0.0	1.1	0.0	0.0	2.2
M8780400	CONCRETE FOUNDATION, TYPE E, 750 MM DIAMETER	METER	3.0	0.0	0.0	0.0	0.0	3.0
MX871055	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F	METER	0.0	0.0	0.0	0.0	1516.0	1516.0
• MX877017	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 15.850 METER	EACH	0.0	0.0	1.0	0.0	0.0	1.0
• MX877020	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 16.76 METER	EACH	2.0	0.0	1.0	0.0	0.0	3.0
MX878030	CONCRETE FOUNDATION, TYPE E, 900 MM DIAMETER	METER	9.2	0.0	16.0	0.0	0.0	25.2
• X0323481	VIDEO VEHICLE DETECTION, 4 CAMERAS	EACH	1.0	0.0	1.0	0.0	0.0	2.0
• X0324134	BATTERY BACKUP SYSTEM WITH CABINET	EACH	1.0	1.0	1.0	0.0	0.0	3.0
X8800020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7.0	0.0	11.0	0.0	0.0	18.0
X8800035	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4.0	0.0	3.0	0.0	0.0	7.0
X8800038	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1.0	0.0	0.0	0.0	0.0	1.0
X8800040	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3.0	0.0	1.0	0.0	0.0	4.0
X8810610	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	0.0	0.0	2.0	0.0	0.0	2.0

* SEE SPECIAL PROVISIONS

CONTRACT 11 TRAFFIC SIGNAL CONSTRUCTION NOTES

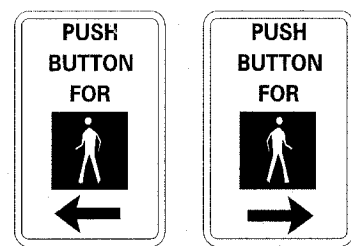
1. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 4.88 METER (16') MINIMUM CLEARANCE.
2. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES, UNLESS INDICATED OTHERWISE ON THE PLANS.
3. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL, SCHEDULE 40.
4. ALL BRACKET MOUNTS AND ASSOCIATED PIPES ARE TO BE UNPAINTED ALUMINUM, SCHEDULE 80.
5. ALL SIGNAL CABINETS SHALL BE UNPAINTED ALUMINUM
6. ALL TRAFFIC SIGNAL HEADS AND PEDESTRIAN SECTIONS SHALL BE 300-MILLIMETER (12") WITH LED LENSES.
7. BACKPLATES SHALL BE POLYCARBONATE WITH A DEEP BACK FLANGE.
8. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES. THIS WORK SHALL BE PAID FOR AS CONCRETE HANDHOLES.
9. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN OR GROUND LINE.
10. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
11. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
12. THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. THIS WORK WILL BE MEASURED FOR PAYMENT AND PAID FOR AS CONDUIT IN TRENCH OF THE TYPE AND SIZE SPECIFIED AND TRENCH AND BACKFILL FOR ELECTRICAL WORK.
13. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC CONDUIT PUSHED OR TRENCHED.
14. A 12GA. STRANDED THHN, INSULATED ORANGE TRACER WIRE IS TO BE PULLED INTO ALL CONDUITS THAT CONTAIN FIBER OPTIC CABLE. THIS WORK SHALL BE DONE AT THE SAME TIME THE FIBER OPTIC CABLE IS PULLED. THERE SHALL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.
15. THE LOCATIONS FOR HANDHOLES AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
16. ALL REMOVAL AND SURPLUS ITEMS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
17. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED AS EXTRA WORK AND SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04.
18. ALL MAST ARMS, SIGNAL HEADS, POSTS AND LUMINAIRES REMOVED BE DELIVERED TO 6500 W RT 150, EDWARDS, IL. ALL CONTROLLER CABINETS AND OTHER REMOVAL ITEMS SHALL BE RETURNED TO 5826 N KNOXVILLE, PEORIA, IL 61614.
19. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL J.U.L.I.E. AT 800-892-0123.
20. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED WITH A SOLID BLACK COVER PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED SIGNAL PAY ITEMS.
21. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 600-MILLIMETER MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
22. THE ELECTRICAL CONDUCTORS FOR ALL TRAFFIC SIGNAL HEAD SHALL BE SOLID, SOFT COPPER.
23. THE CONTRACTOR IS RESPONSIBLE FOR UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THIS WORK IS TO BE INCLUDED WITH THE TRENCH AND BACKFILL FOR ELECTRICAL WORK PAY ITEM.
24. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED. CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY TRAINED IN THE CONTROLLER CABINET.
25. ALL SIGNAL BASES SHALL BE LOCATED A MINIMUM OF 1.8 METERS FROM THE FACE OF CURB UNLESS OTHERWISE DIRECTED BY AN ENGINEER.
26. ALL NEW TRAFFIC AND PEDESTRIAN SIGNAL WIRING SHALL EXTEND FROM CONTROLLER TO SIGNAL. SPLICES IN HANDHOLES WILL NOT BE ALLOWED.
27. GROUND RODS SHALL BE SOLID COPPER ALLOY OR COPPER CLAD STEEL.
28. ALL MAST ARM POLE BASES SHALL BE PROTECTED BY A STAINLESS STEEL MESH SCREENING AROUND THE BASE BOLTS TO PREVENT RODENT ENTRY. THE MESH SHALL BE SECURED TO THE BASE BY STAINLESS STEEL BANDING AS INCIDENTAL TO THE INDIVIDUAL MAST ARM ASSEMBLY PAY ITEM.
29. THE CONTRACTOR SHALL CONTACT THE AMEREN CILCO PRIOR TO BEGINNING WORK TO OBTAIN THE UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION.
30. ALL HANDHOLE FRAMES AND RINGS SHALL BE GROUNDED AND BOUNDED TO THE TRAFFIC SIGNAL EQUIPMENT GROUNDING CONDUCTOR.
31. MAST ARMS SHALL BE LOCATED INSIDE OF ISLANDS WITH A MINIMUM 5 FOOT CLEARANCE FROM THE MASS ARM TO THE FACE OF CURB.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	315
STA.	TO STA.			
FED. ROAD DIST. NO. 4			ILLINOIS FED. AID PROJECT	

(90-111R-2;90A13,14,14-1R-1

PEDESTRIAN CROSSING SIGN DETAIL

R10 - 4b

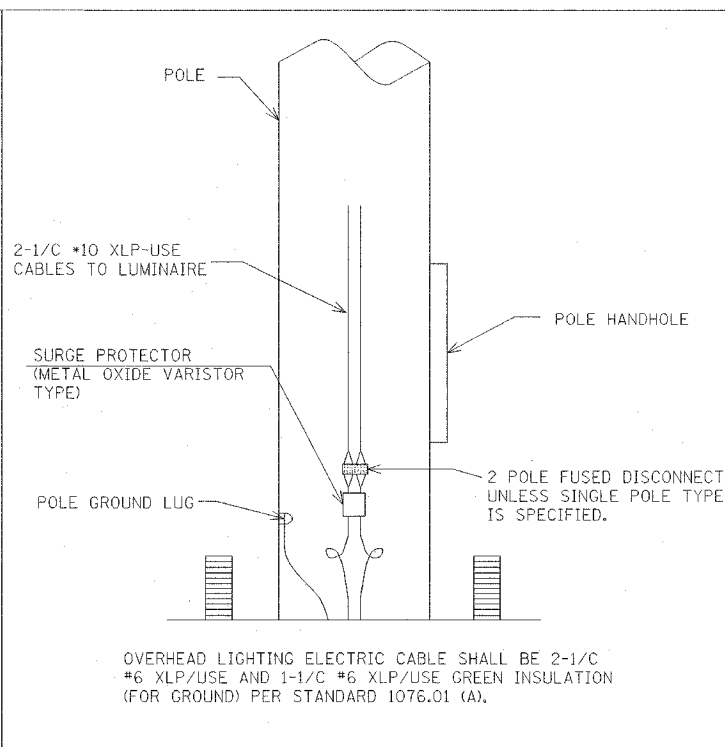


DIMENSIONS: 225 mm (9" TYP.) x 300 mm (12" TYP.)
 LENCEND AND BORDER: NON-REFLECTORIZED BLACK
 BACKGROUND: NON-REFLECTORIZED WHITE

ONE SIGN SHALL BE PROVIDED FOR EACH PUSH-BUTTON. ORIENTATION OF DIRECTIONAL ARROWS TO BE DETERMINED BY PUSH-BUTTON LOCATION

ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL CONSTRUCTION. ALL MOUNTING BOLTS SHALL BE HEX HEAD.

MATERIALS AND INSTALLATION OF THIS SIGN SHALL BE INCLUDED IN THE COST OF PEDESTRIAN PUSHBUTTON.



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SUMMARY OF QUANTITIES AND CONSTRUCTION NOTES

SHEET 1 OF 13

DATE 12/20/04

DRAWN BY SAM
CHECKED BY CTH



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	316
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

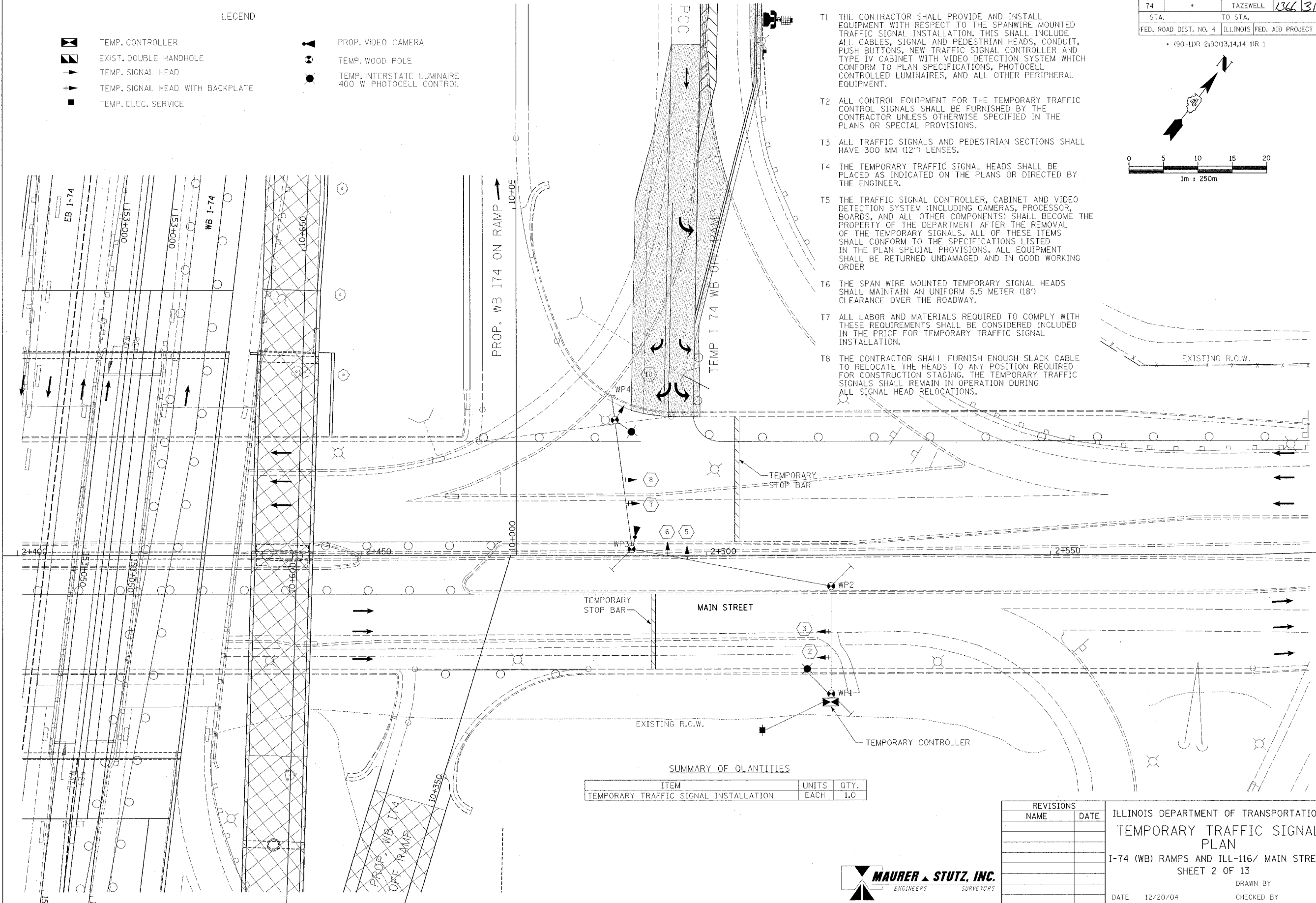
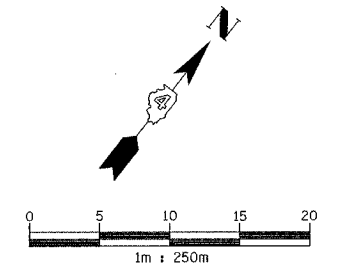
* (90-111R-2;9013,14,14-1R-1

LEGEND

-  TEMP. CONTROLLER
-  EXIST. DOUBLE HANDHOLE
-  TEMP. SIGNAL HEAD
-  TEMP. SIGNAL HEAD WITH BACKPLATE
-  TEMP. ELEC. SERVICE
-  PROP. VIDEO CAMERA
-  TEMP. WOOD POLE
-  TEMP. INTERSTATE LUMINAIRE 400 W PHOTOCELL CONTROL

TEMPORARY TRAFFIC SIGNAL CONSTRUCTION NOTES

- T1 THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE SPANWIRE MOUNTED TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL AND PEDESTRIAN HEADS, CONDUIT, PUSH BUTTONS, NEW TRAFFIC SIGNAL CONTROLLER AND TYPE IV CABINET WITH VIDEO DETECTION SYSTEM WHICH CONFORM TO PLAN SPECIFICATIONS, PHOTOCELL CONTROLLED LUMINAIRES, AND ALL OTHER PERIPHERAL EQUIPMENT.
- T2 ALL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC CONTROL SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED IN THE PLANS OR SPECIAL PROVISIONS.
- T3 ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300 MM (12") LENSES.
- T4 THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- T5 THE TRAFFIC SIGNAL CONTROLLER, CABINET AND VIDEO DETECTION SYSTEM (INCLUDING CAMERAS, PROCESSOR, BOARDS, AND ALL OTHER COMPONENTS) SHALL BECOME THE PROPERTY OF THE DEPARTMENT AFTER THE REMOVAL OF THE TEMPORARY SIGNALS. ALL OF THESE ITEMS SHALL CONFORM TO THE SPECIFICATIONS LISTED IN THE PLAN SPECIAL PROVISIONS. ALL EQUIPMENT SHALL BE RETURNED UNDAMAGED AND IN GOOD WORKING ORDER.
- T6 THE SPAN WIRE MOUNTED TEMPORARY SIGNAL HEADS SHALL MAINTAIN AN UNIFORM 5.5 METER (18') CLEARANCE OVER THE ROADWAY.
- T7 ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- T8 THE CONTRACTOR SHALL FURNISH ENOUGH SLACK CABLE TO RELOCATE THE HEADS TO ANY POSITION REQUIRED FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.



SUMMARY OF QUANTITIES

ITEM	UNITS	QTY.
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1.0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY TRAFFIC SIGNAL PLAN
 I-74 (WB) RAMPS AND ILL-116/ MAIN STREET
 SHEET 2 OF 13
 DRAWN BY
 DATE 12/20/04 CHECKED BY

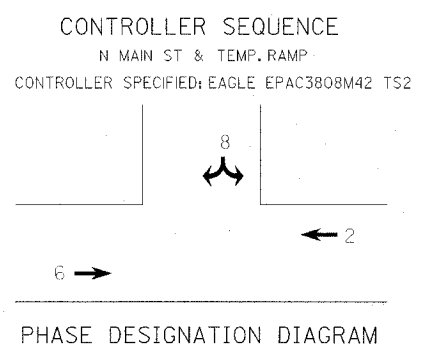
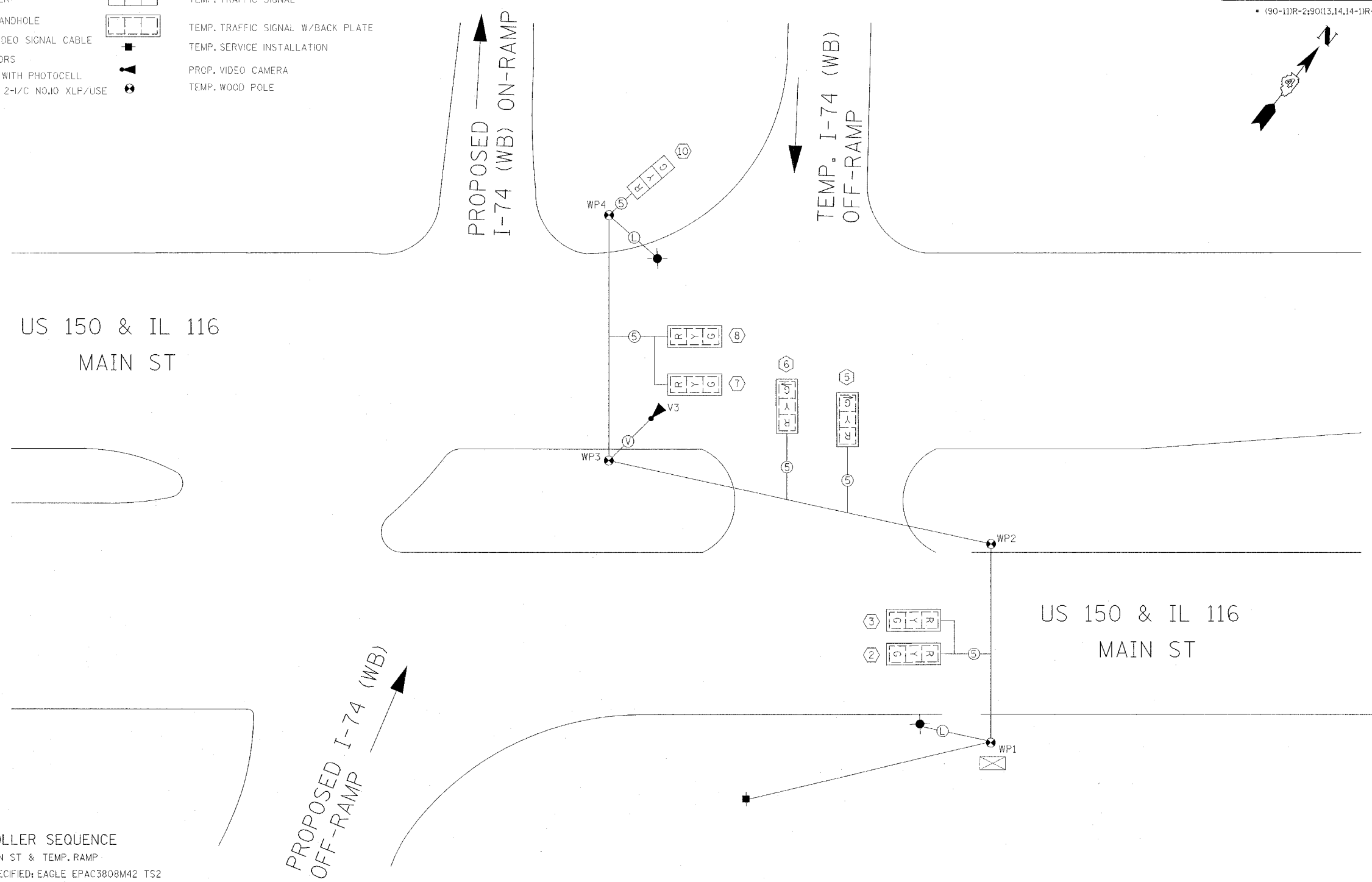


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		TAZEWELL	1366	317
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

(90-111R-2+90(13,14,14-1R-1

LEGEND

	TEMP. CONTROLLER		TEMP. TRAFFIC SIGNAL
	EXIST. DOUBLE HANDHOLE		TEMP. TRAFFIC SIGNAL W/BACK PLATE
	TEMP. CAMERA VIDEO SIGNAL CABLE		TEMP. SERVICE INSTALLATION
	NO. OF CONDUCTORS		PROP. VIDEO CAMERA
	PROP. LUMINAIRE WITH PHOTOCELL		TEMP. WOOD POLE
	ELECTRIC CABLE, 2-1/2\"/>		



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TEMPORARY TRAFFIC SIGNAL CABLE PLAN I-74 (WB) RAMPS AND ILL-116/ MAIN STREET SHEET 3 OF 13
NAME	DATE	
		DRAWN BY SAM CHECKED BY CTH DATE 12/20/04



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T4	*	TAZEWELL	1366	318
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

• (90-11R-2;9013,14,14-1R-1

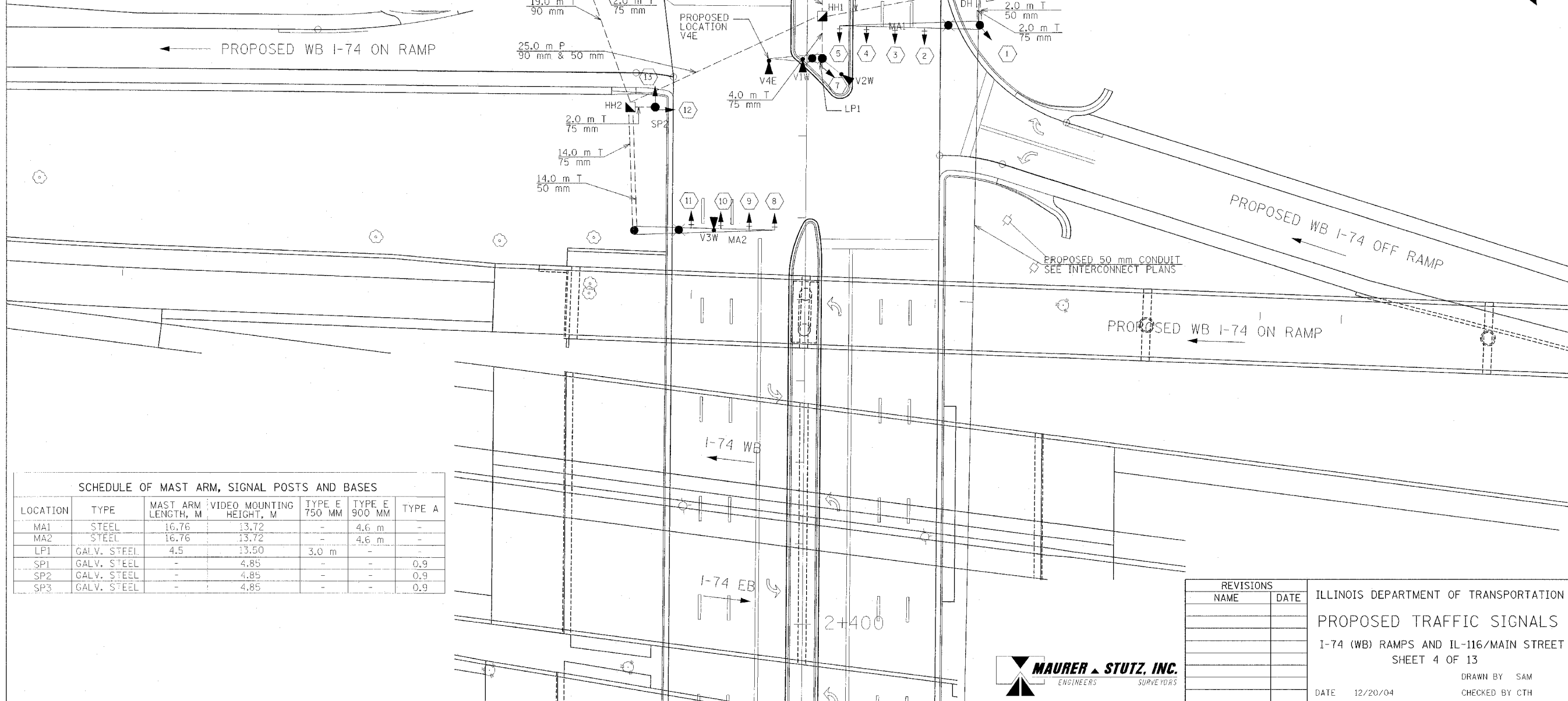
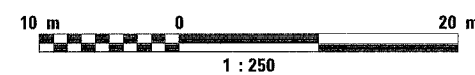
SUMMARY OF QUANTITIES

ITEM	UNIT	TOTAL QUAN
SERVICE INSTALLATION, TYPE B (MODIFIED)	EACH	1.0
CONCRETE HANDHOLE	EACH	3.0
CONCRETE DOUBLE HANDHOLE	EACH	1.0
LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	3.0
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1.0
TRANSCEIVER - FIBER OPTIC	EACH	1.0
TRAFFIC SIGNAL BACKPLATE LOUVERED	EACH	8.0
CONDUIT IN TRENCH, 50 MM DIA, PVC	METER	23.0
CONDUIT IN TRENCH, 75 MM DIA, PVC	METER	25.0
CONDUIT IN TRENCH, 90 MM DIA, PVC	METER	22.0
CONDUIT PUSHED, 50 MM DIA, PVC	METER	43.0
CONDUIT PUSHED, 90 MM DIA, PVC	METER	43.0
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	70.0
ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6	METER	24.0
LIGHT POLE, GALVANIZED STEEL 13.5 M MH, 4.5 M MAST ARM	EACH	1.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	METER	260.0
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	METER	191.0
TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.85 METER	EACH	3.0
CONCRETE FOUNDATION, TYPE A	METER	2.7
CONCRETE FOUNDATION, TYPE D	METER	1.1
CONCRETE FOUNDATION, TYPE E, 750 MM, DIAMETER	METER	3.0
CONCRETE FOUNDATION, TYPE E, 900 MM, DIAMETER	METER	9.2
VIDEO VEHICLE DETECTION, 4 CAMERA	EACH	1.0
BATTERY BACKUP SYSTEM WITH CABINET	EACH	1.0
SIGNAL HEAD, LED, 1 FACE, 3 SECTION, MAST ARM MOUNTED	EACH	7.0
SIGNAL HEAD, LED, 1 FACE, 3 SECTION, BRACKET MOUNTED	EACH	4.0
SIGNAL HEAD, LED, 1 FACE, 4 SECTION, MAST ARM MOUNTED	EACH	1.0
SIGNAL HEAD, LED, 1 FACE, 5 SECTION, BRACKET MOUNTED	EACH	3.0
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 16.76 METER	EACH	2.0

• SEE SPECIAL PROVISIONS

LEGEND

- CONTROLLER
- HANDHOLE
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- TRAFFIC SIGNAL POST
- MAST ARM
- PROP. SERVICE INSTALLATION
- PROP. VIDEO CAMERA
- CONDUIT PUSHED
- CONDUIT IN TRENCH
- PROP. LUMINAIRE



SCHEDULE OF MAST ARM, SIGNAL POSTS AND BASES

LOCATION	TYPE	MAST ARM LENGTH, M	VIDEO MOUNTING HEIGHT, M	TYPE E 750 MM	TYPE E 900 MM	TYPE A
MA1	STEEL	16.76	13.72	-	4.6 m	-
MA2	STEEL	16.76	13.72	-	4.6 m	-
LP1	GALV. STEEL	4.5	13.50	3.0 m	-	-
SP1	GALV. STEEL	-	4.85	-	-	0.9
SP2	GALV. STEEL	-	4.85	-	-	0.9
SP3	GALV. STEEL	-	4.85	-	-	0.9

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TRAFFIC SIGNALS I-74 (WB) RAMPS AND IL-116/MAIN STREET SHEET 4 OF 13
NAME	DATE	

DRAWN BY SAM
CHECKED BY CTH
DATE 12/20/04



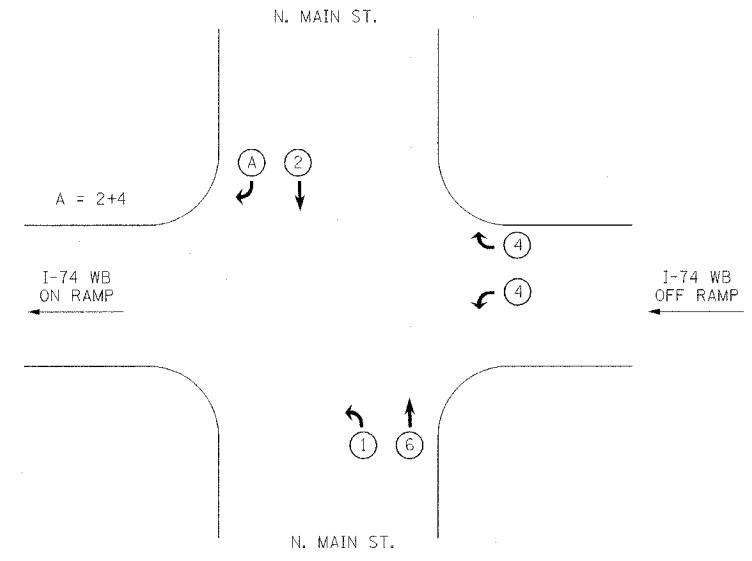
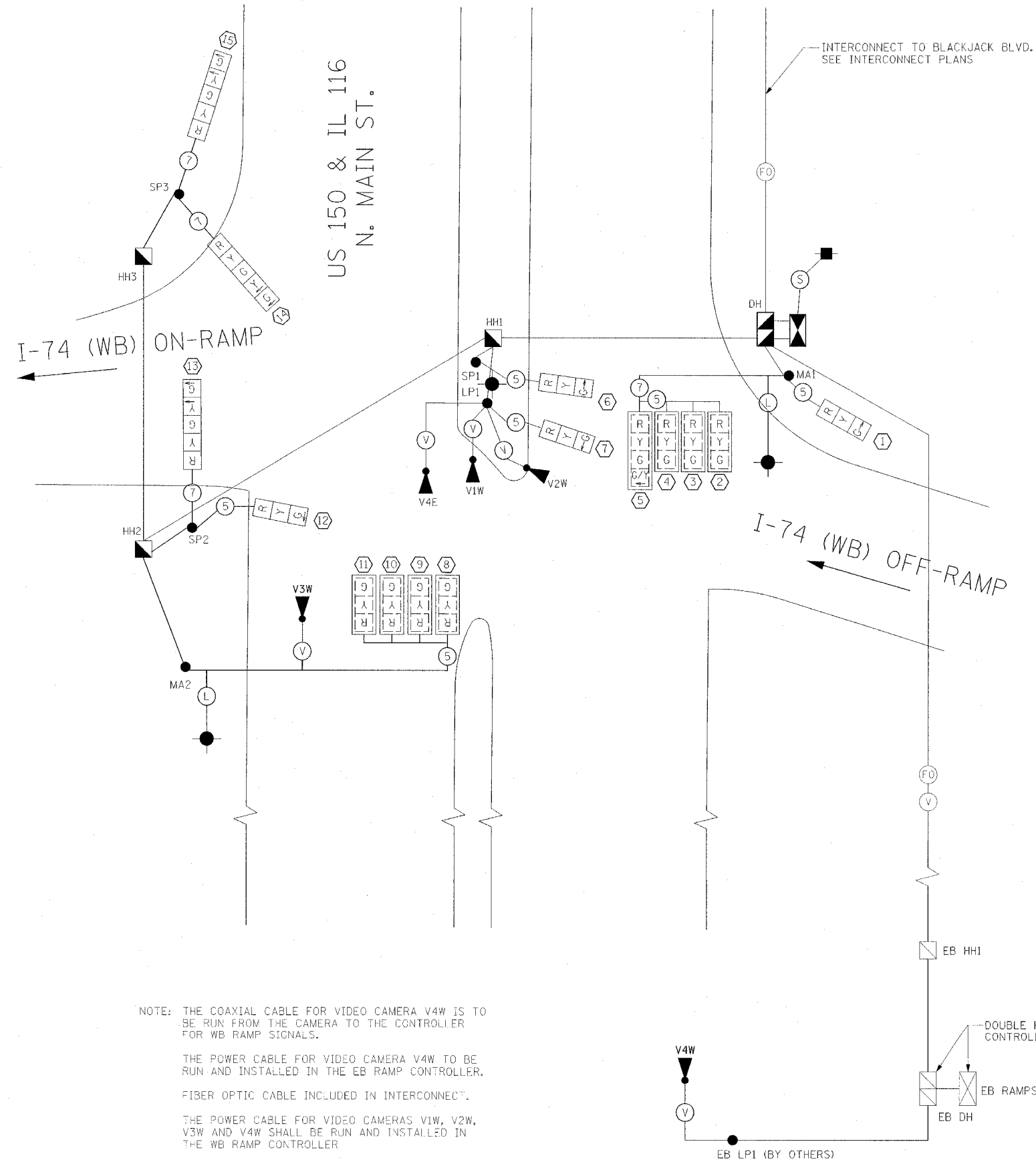
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	319
STA.	TO STA.			
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

CONTROLLER SEQUENCE

N. MAIN ST. AND WB I-74 RAMPS

CONTROLLER SPECIFIED: FULL ACTUATED CONTROLLER (NEMA TS2, TY2) EAGLE TYPE IV CABINET

* (90-11)R-2(90)13,14,14-1R-1



PHASE DESIGNATION DIAGRAM

SIGNAL HEAD SCHEDULE		
ITEM	LOCATION	TOTAL QUANTITY
IF, 3 SEC, BM	1,6,7,12	4
IF, 3 SEC, MAM	2,3,4,8,9,10,11	7
IF, 5 SEC, BM	13,14,15	3
IF, 4 SEC, MAM	5	1
BACKPLATES, 4 SEC HEADS	5	1
BACKPLATES, 3 SEC HEADS	2,3,4,8,9,10,11	7

LEGEND

- CONTROLLER
- HANDHOLE
- DOUBLE HANDHOLE
- PROP. LUMINAIRE
- LEFT TURN GREEN
- LEFT TURN YELLOW
- DUAL MODE LED TURN ARROW
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL W/BACK PLATE
- PROP. SERVICE INSTALLATION
- PROP. VIDEO CAMERA
- CONDUIT PUSHED
- CONDUIT IN TRENCH
- PROP. CAMERA VIDEO SIGNAL CABLE *
- NO. OF CONDUCTORS
- FIBER OPTIC CABLE-(INCLUDE ON INTERCONNECT PLANS)
- PROP. ELECTRIC CABLE, 2-1/2 NO.10 XLP/USE **
- PROP. ELECTRIC CABLE, 3-1/2 NO.6 XLP/USE

- * DENOTES CABLE SHALL BE INCLUDED IN THE PAY ITEM, VIDEO VEHICLE DETECTION SYSTEM.
- ** DENOTES CABLE DOWN POLE SHALL BE INCLUDED IN THE PAY ITEM "LUMINAIRE AS PER ARTICLE 821 IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION."

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TRAFFIC SIGNAL CABLE PLAN I-74 (WB) RAMPS AND IL-116/MAIN STREET SHEET 5 OF 13
NAME	DATE	
		DRAWN BY SAM CHECKED BY CTH DATE 12/20/04



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	320
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
* (90-11)R-2;90(13,14,14-1)R-1				

LEGEND

	EXISTING SIGNAL HEAD		EXISTING CONDUIT IN TRENCH
	EXISTING SIGNAL HEAD WITH BACKPLATE		EXISTING CONTROLLER TO BE RELOCATED
	EXISTING FOUNDATION TO BE REMOVED		EXISTING MAST ARM TO BE REMOVED
	EXISTING DOUBLE HANDHOLE TO BE REMOVED		EXISTING HANDHOLE TO BE REMOVED

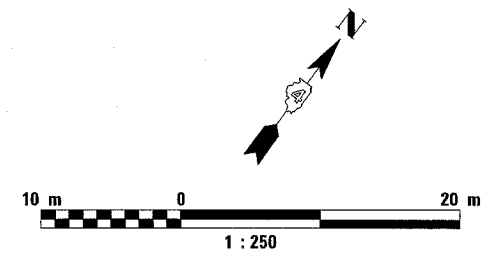
BLACKJACK AND MAIN ST REMOVAL ITEMS - 1.0 EACH

ALL THE FOLLOWING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED, REMAIN, THE PROPERTY OF THE DEPARTMENT AND DELIVERED BY THE CONTRACTOR TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION AT 6500 W RT 150, EDWARDS, IL. THE CONTROLLER CABINETS SHOULD BE DELIVERED TO 5826 N KNOXVILLE AVENUE, PEORIA, ILL.

1	EACH	CONTROLLER AND CABINET COMPLETE
4	EACH	COMBINATION MAST ARM ASSEMBLY AND POLE
10	EACH	SIGNAL HEAD, 1 FACE, 3-SECTION WITH BACKPLATE.
6	EACH	SIGNAL HEAD, 1 FACE, 5-SECTION WITH BACKPLATE.
4	EACH	LUMINAIRE

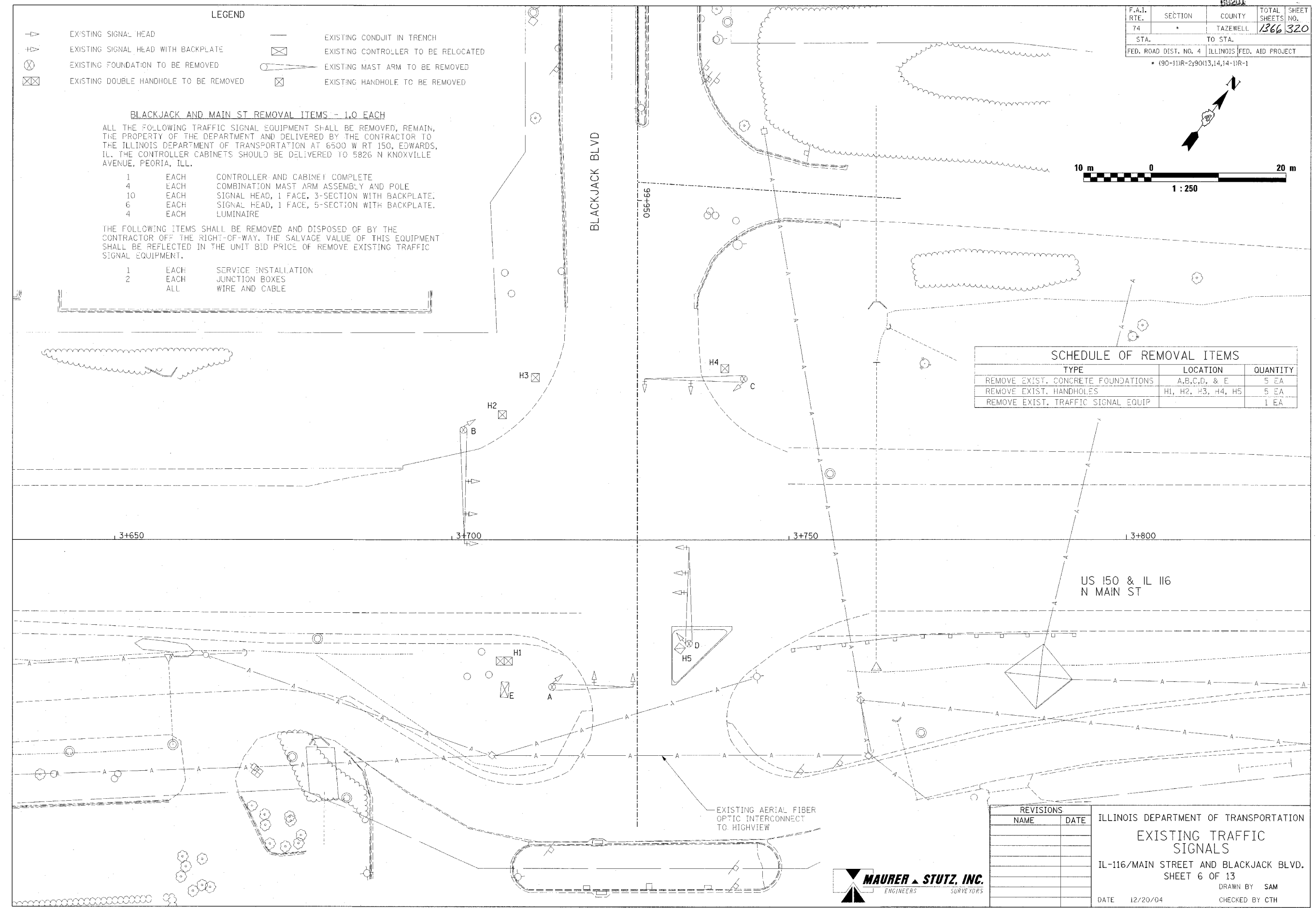
THE FOLLOWING ITEMS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR OFF THE RIGHT-OF-WAY. THE SALVAGE VALUE OF THIS EQUIPMENT SHALL BE REFLECTED IN THE UNIT BID PRICE OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.

1	EACH	SERVICE INSTALLATION
2	EACH	JUNCTION BOXES
	ALL	WIRE AND CABLE



SCHEDULE OF REMOVAL ITEMS

TYPE	LOCATION	QUANTITY
REMOVE EXIST. CONCRETE FOUNDATIONS	A, B, C, D, & E	5 EA
REMOVE EXIST. HANDHOLES	H1, H2, H3, H4, H5	5 EA
REMOVE EXIST. TRAFFIC SIGNAL EQUIP		1 EA



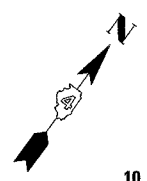
REVISIONS

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
EXISTING TRAFFIC SIGNALS
 IL-116/MAIN STREET AND BLACKJACK BLVD.
 SHEET 6 OF 13
 DRAWN BY SAM
 DATE 12/20/04 CHECKED BY CTH



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	321
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
* (90-11R-2;90(13,14,14-1R-1				



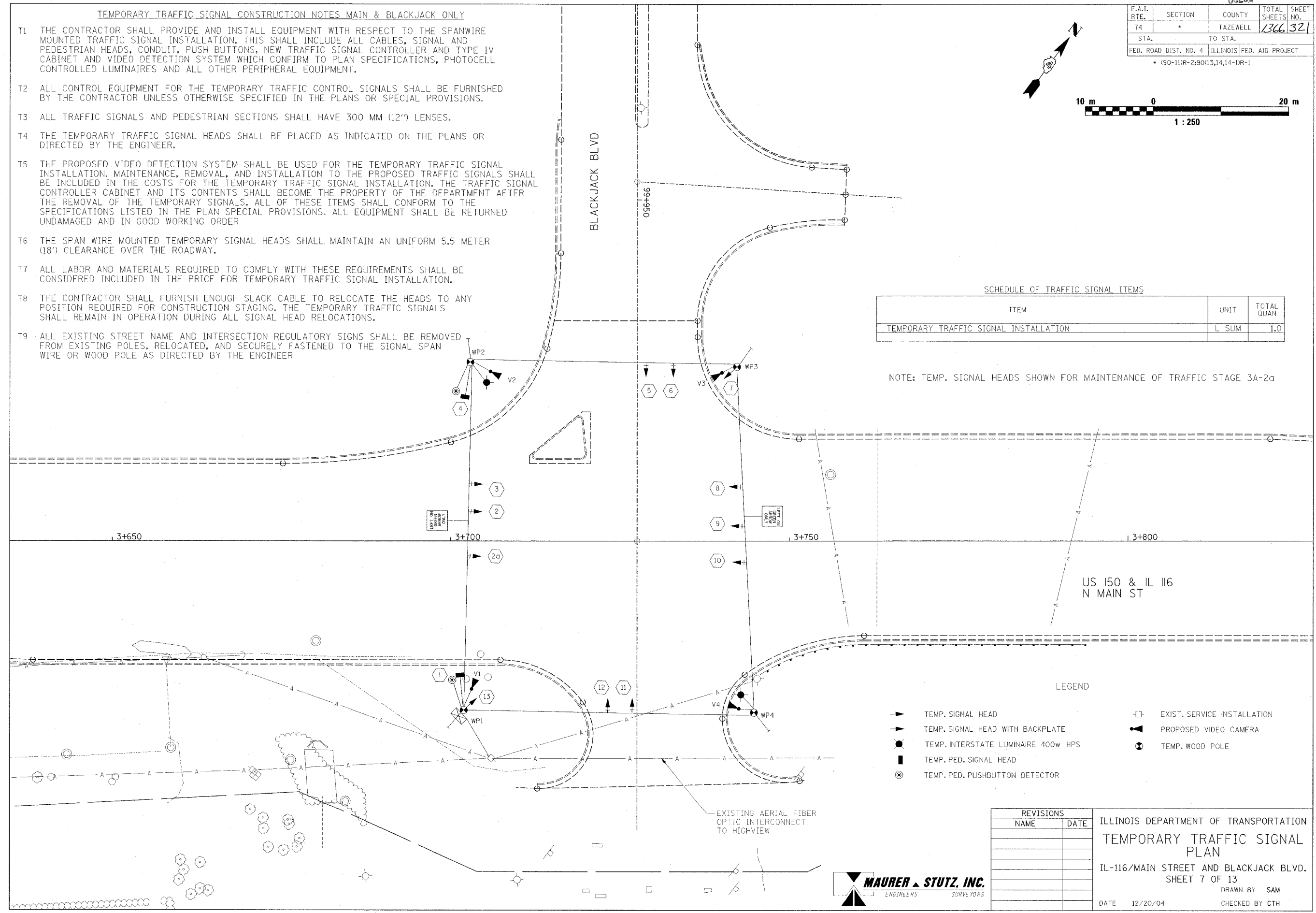
TEMPORARY TRAFFIC SIGNAL CONSTRUCTION NOTES MAIN & BLACKJACK ONLY

- T1 THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE SPANWIRE MOUNTED TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL AND PEDESTRIAN HEADS, CONDUIT, PUSH BUTTONS, NEW TRAFFIC SIGNAL CONTROLLER AND TYPE IV CABINET AND VIDEO DETECTION SYSTEM WHICH CONFORM TO PLAN SPECIFICATIONS, PHOTOCCELL CONTROLLED LUMINAIRES AND ALL OTHER PERIPHERAL EQUIPMENT.
- T2 ALL CONTROL EQUIPMENT FOR THE TEMPORARY TRAFFIC CONTROL SIGNALS SHALL BE FURNISHED BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED IN THE PLANS OR SPECIAL PROVISIONS.
- T3 ALL TRAFFIC SIGNALS AND PEDESTRIAN SECTIONS SHALL HAVE 300 MM (12") LENSES.
- T4 THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- T5 THE PROPOSED VIDEO DETECTION SYSTEM SHALL BE USED FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. MAINTENANCE, REMOVAL, AND INSTALLATION TO THE PROPOSED TRAFFIC SIGNALS SHALL BE INCLUDED IN THE COSTS FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE TRAFFIC SIGNAL CONTROLLER CABINET AND ITS CONTENTS SHALL BECOME THE PROPERTY OF THE DEPARTMENT AFTER THE REMOVAL OF THE TEMPORARY SIGNALS. ALL OF THESE ITEMS SHALL CONFORM TO THE SPECIFICATIONS LISTED IN THE PLAN SPECIAL PROVISIONS. ALL EQUIPMENT SHALL BE RETURNED UNDAMAGED AND IN GOOD WORKING ORDER
- T6 THE SPAN WIRE MOUNTED TEMPORARY SIGNAL HEADS SHALL MAINTAIN AN UNIFORM 5.5 METER (18') CLEARANCE OVER THE ROADWAY.
- T7 ALL LABOR AND MATERIALS REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE CONSIDERED INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- T8 THE CONTRACTOR SHALL FURNISH ENOUGH SLACK CABLE TO RELOCATE THE HEADS TO ANY POSITION REQUIRED FOR CONSTRUCTION STAGING. THE TEMPORARY TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS.
- T9 ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES, RELOCATED, AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER

SCHEDULE OF TRAFFIC SIGNAL ITEMS

ITEM	UNIT	TOTAL QUAN
TEMPORARY TRAFFIC SIGNAL INSTALLATION	L SUM	1.0

NOTE: TEMP. SIGNAL HEADS SHOWN FOR MAINTENANCE OF TRAFFIC STAGE 3A-2c



LEGEND

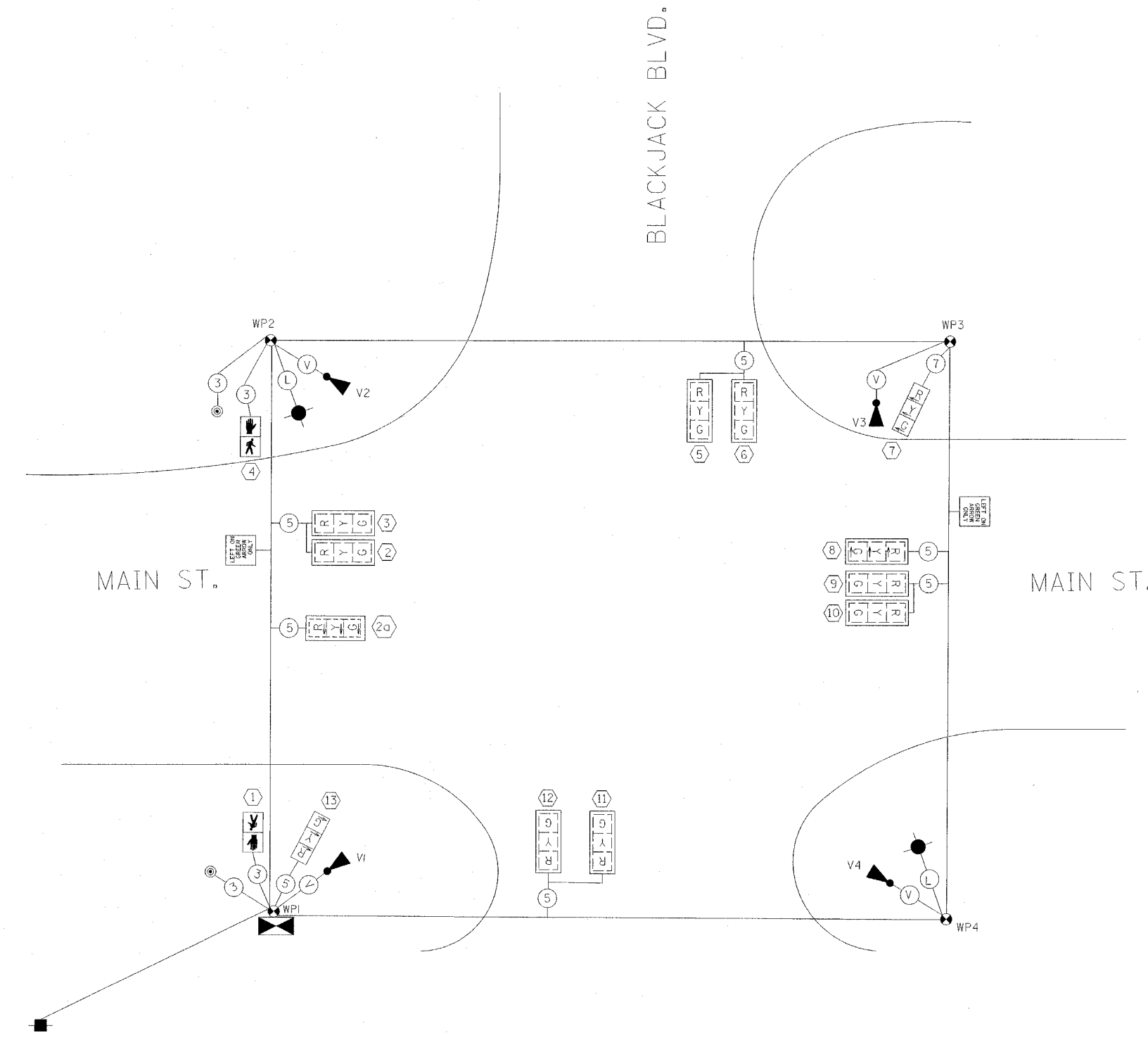
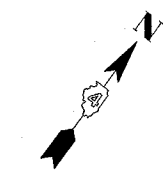
- ▶ TEMP. SIGNAL HEAD
- ▶ TEMP. SIGNAL HEAD WITH BACKPLATE
- TEMP. INTERSTATE LUMINAIRE 400w HPS
- TEMP. PED. SIGNAL HEAD
- ⊙ TEMP. PED. PUSHBUTTON DETECTOR
- EXIST. SERVICE INSTALLATION
- ▶ PROPOSED VIDEO CAMERA
- ⊙ TEMP. WOOD POLE

REVISIONS	
NAME	DATE

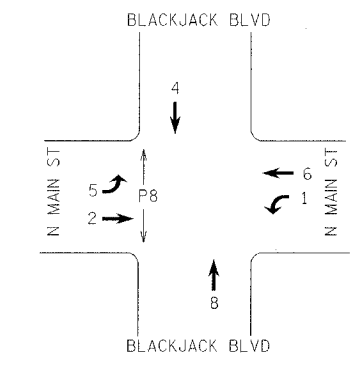
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TEMPORARY TRAFFIC SIGNAL PLAN
 IL-116/MAIN STREET AND BLACKJACK BLVD.
 SHEET 7 OF 13
 DRAWN BY SAM
 CHECKED BY CTH
 DATE 12/20/04



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	322
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
* (90-11R-2;90I13,14,14-1R-1				



CONTROLLER SEQUENCE
 N MAIN ST AND BLACKJACK BLVD
 CONTROLLER SPECIFIED: FULL ACTIVATED (NEMA TS-2, TY 2)
 CONTROLLER TYPE IV CABINET



PHASE DESIGNATION DIAGRAM

NOTE: PHASE 1 TO BE OMITTED DURING MOT STAGE 3A-21 AND STAGE 3A-4A

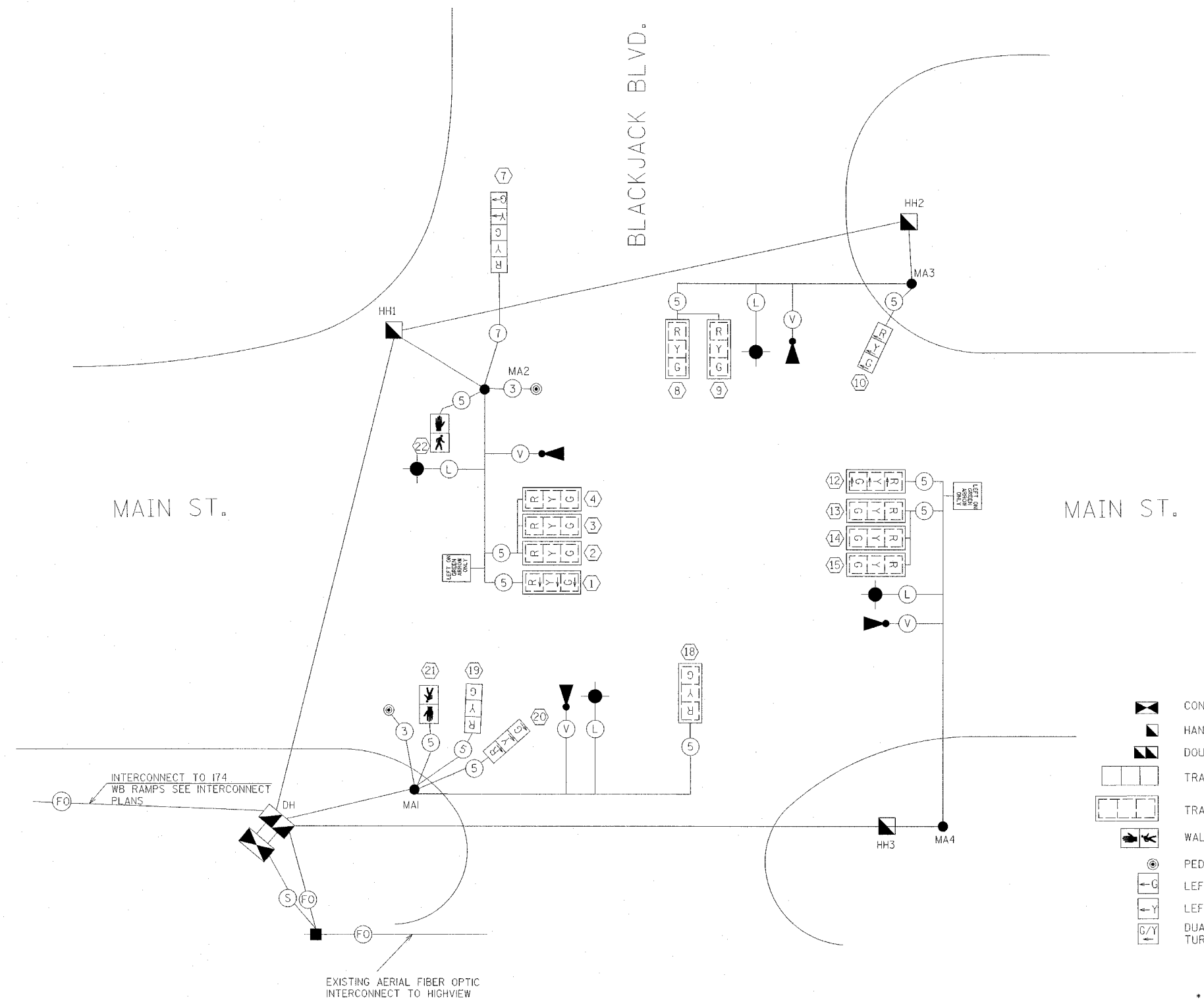
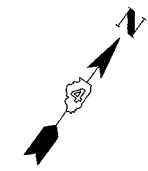
LEGEND

- (V) PROP. CAMERA VIDEO SIGNAL CABLE
- (3) NO. OF CONDUCTORS
- ▲ TEMP. VIDEO CAMERA REMOVE/RELOCATE
- TEMP. PROP. LUMINAIRE W/PHOTOCELL
- ⊙ TEMP. PED. PUSHBUTTON DETECTOR
- ←G TEMP. LEFT TURN GREEN
- ←Y TEMP. LEFT TURN YELLOW
- TEMP. TRAFFIC SIGNAL
- TEMP. TRAFFIC SIGNAL W/BACK PLATE
- TEMP. SERVICE INSTALLATION
- ⊙ TEMP. WOOD POLE
- (L) PROPOSED ELECTRIC CABLE, 2-1/2 NO. 10 XLP/USE
- ⊙ TEMP. WALK/DON'T WALK

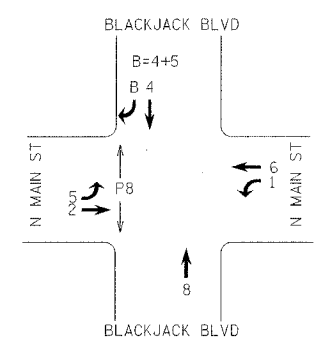
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TEMPORARY TRAFFIC SIGNAL CABLE PLAN IL-116/MAIN STREET AND BLACKJACK BLVD. SHEET 8 OF 13
NAME	DATE	
		DRAWN BY SAM CHECKED BY CTH DATE 12/20/04



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		TAZEWELL	1366	1324
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		
• (90-11)R-2;9013,14,14-11R-1				



CONTROLLER SEQUENCE
 N MAIN ST AND BLACKJACK BLVD
 CONTROLLER SPECIFIED: FULL ACTIVATED (NEMA TS-2, TY 2)
 VIDEO DETECTION SPECIFIED- ECONOLITE AUTOSCOPE SOLO PRO
 CONTROLLER TYPE IV CABINET - ECONOLITE ASC/25-2100



PHASE DESIGNATION DIAGRAM

LEGEND

- CONTROLLER
- HANDHOLE
- DOUBLE HANDHOLE
- TRAFFIC SIGNAL
- TRAFFIC SIGNAL W/BACK PLATE
- WALK / DON'T WALK
- PED. PUSHBUTTON DETECTOR
- LEFT TURN GREEN
- LEFT TURN YELLOW
- DUAL MODE LED TURN ARROW
- RIO-5-2430 SIGN TO BE MOUNTED ON MASTARM
- PROP. LUMINAIRE
- PROP. SERVICE INSTALLATION
- PROP. VIDEO CAMERA
- PROP. CAMERA VIDEO SIGNAL CABLE *
- NO. OF CONDUCTORS
- FIBER OPTIC CABLE-(INCLUDE ON INTERCONNECT PLANS)
- PROP. ELECTRIC CABLE, 2-1/C NO.10 XLP/USE **
- PROP. ELECTRIC CABLE, 3-1/C NO.6 XLP/USE

- * DENOTES CABLE SHALL BE INCLUDED IN THE PAY ITEM, VIDEO VEHICLE DETECTION SYSTEM.
- ** DENOTES CABLE DOWN POLE SHALL BE INCLUDED IN THE PAY ITEM "LUMINAIRE AS PER ARTICLE 821 IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

ITEM	LOCATION	TOTAL QUANTITY
IF, 3 SEC, MAM	1,2,3,4,8,9,12,13,14,15,18	11
IF, 3 SEC, BM	10,19,20	3
IF, 5 SEC, BM	7	1
BACKPLATES 3 SEC	1,2,3,4,8,9,12,13,14,15,18	11
PED SH POLY IF BM	21,22	2

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TRAFFIC SIGNAL CABLE PLAN IL-116/MAIN STREET AND BLACKJACK BLVD. SHEET 10 OF 13 DRAWN BY SAM CHECKED BY CTH
NAME	DATE	

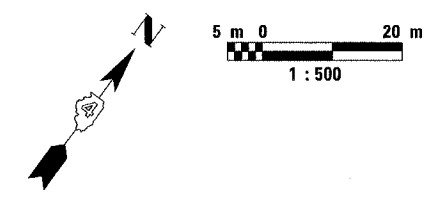


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	325
STA.	STA. 1+850	TO STA.	STA. 2+550	
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

(90-11)R-2;90(13,14,14-1)R-1

LEGEND

☐	CONTROLLER	+	PROP. SERVICE INSTALLATION
◻	HANDHOLE	▲	PROP. VIDEO CAMERA
◻◻	DOUBLE HANDHOLE	---	CONDUIT PUSHED
→	SIGNAL HEAD	---	CONDUIT IN TRENCH
→	SIGNAL HEAD WITH BACKPLATE	◻	EXISTING HANDHOLE TO REMAIN
●	TRAFFIC SIGNAL POST	■	PED. SIGNAL HEAD
—	MAST ARM	●	PED. PUSHBUTTON DETECTOR
◻	ILLUMINATED SIGN	---	EXISTING ROW
×	PROP. LUMINAIRE	---	PROPOSED ROW

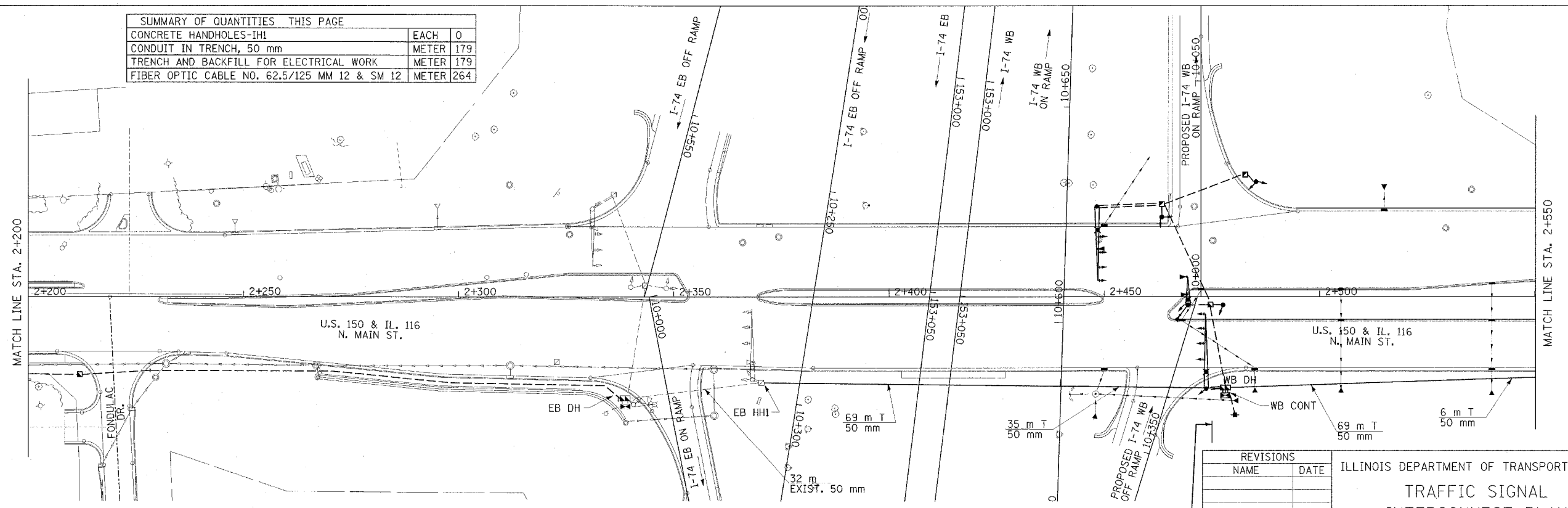


SUMMARY OF QUANTITIES CONTRACT_11 INTERCONNECT

CONCRETE HANDHOLES	EACH	13
CONDUIT IN TRENCH, 50 mm	METER	2719
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	1751
FIBER OPTIC CABLE NO. 62.5/125 MM 12 & SM 12	METER	1516

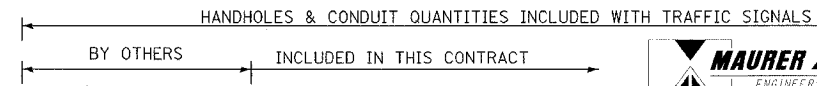
SUMMARY OF QUANTITIES THIS PAGE

CONCRETE HANDHOLES-IH1	EACH	0
CONDUIT IN TRENCH, 50 mm	METER	179
TRENCH AND BACKFILL FOR ELECTRICAL WORK	METER	179
FIBER OPTIC CABLE NO. 62.5/125 MM 12 & SM 12	METER	264



NOTE: INSTALL NEW FIBER OPTIC CABLE FROM EB DOUBLE HANDHOLE TO WB DOUBLE HAND HOLE.

NOTE: INSTALL NEW CONDUIT AND FIBER OPTIC CABLE FROM WB DOUBLE HANDHOLE TO THE CONTROLLER AT BLACKJACK/MAIN.

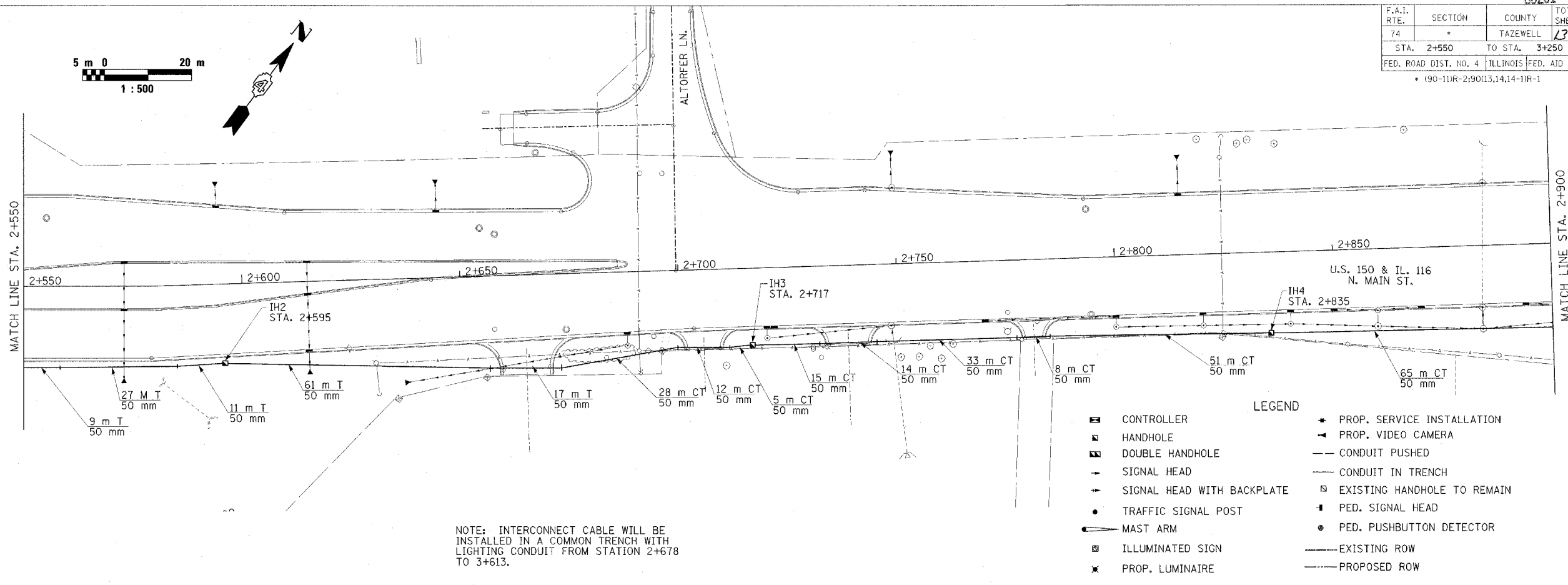
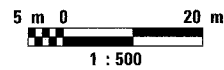


REVISIONS

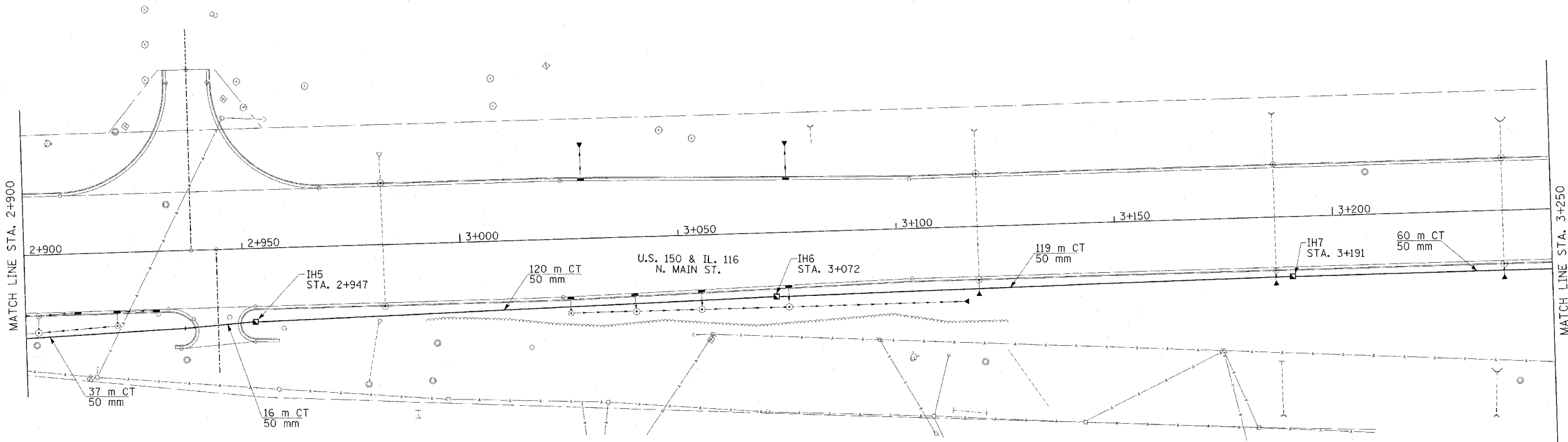
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INTERCONNECT PLAN
 SHEET 11 OF 13
 DATE 12/20/04
 DRAWN BY SAM
 CHECKED BY CTH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	326
STA. 2+550		TO STA. 3+250		
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				
• (90-11R-2;9013,14,14-1R-1				



- LEGEND**
- CONTROLLER
 - HANDHOLE
 - ▣ DOUBLE HANDHOLE
 - SIGNAL HEAD
 - SIGNAL HEAD WITH BACKPLATE
 - TRAFFIC SIGNAL POST
 - ◀ MAST ARM
 - ILLUMINATED SIGN
 - ✕ PROP. LUMINAIRE
 - PROP. SERVICE INSTALLATION
 - PROP. VIDEO CAMERA
 - CONDUIT PUSHED
 - CONDUIT IN TRENCH
 - EXISTING HANDHOLE TO REMAIN
 - PED. SIGNAL HEAD
 - PED. PUSHBUTTON DETECTOR
 - EXISTING ROW
 - PROPOSED ROW



NOTE: INSTALL NEW CONDUIT AND FIBER OPTIC CABLE FROM WB DOUBLE HANDHOLE TO THE CONTROLLER AT BLACKJACK/MAIN.

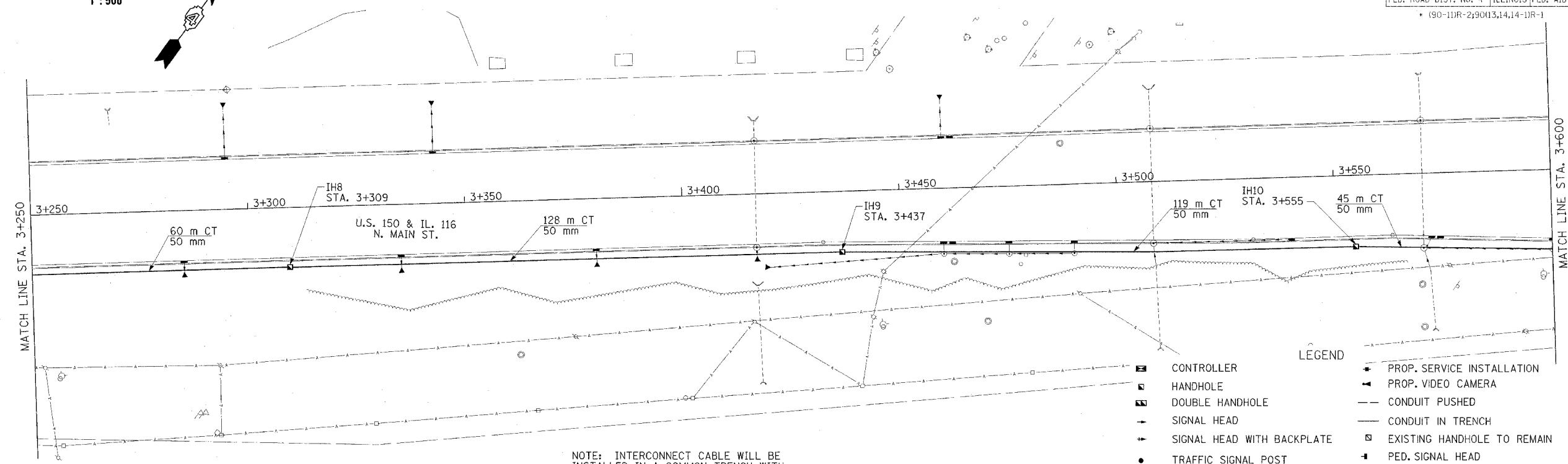
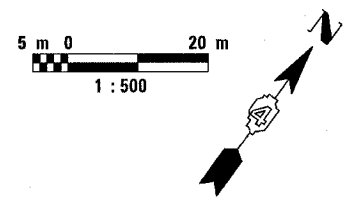
NOTE: INTERCONNECT CABLE WILL BE INSTALLED IN A COMMON TRENCH WITH LIGHTING CONDUIT FROM STATION 2+678 TO 3+613.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INTERCONNECT PLAN
 SHEET 12 OF 13
 DRAWN BY SAM
 CHECKED BY CTH
 DATE 12/20/04



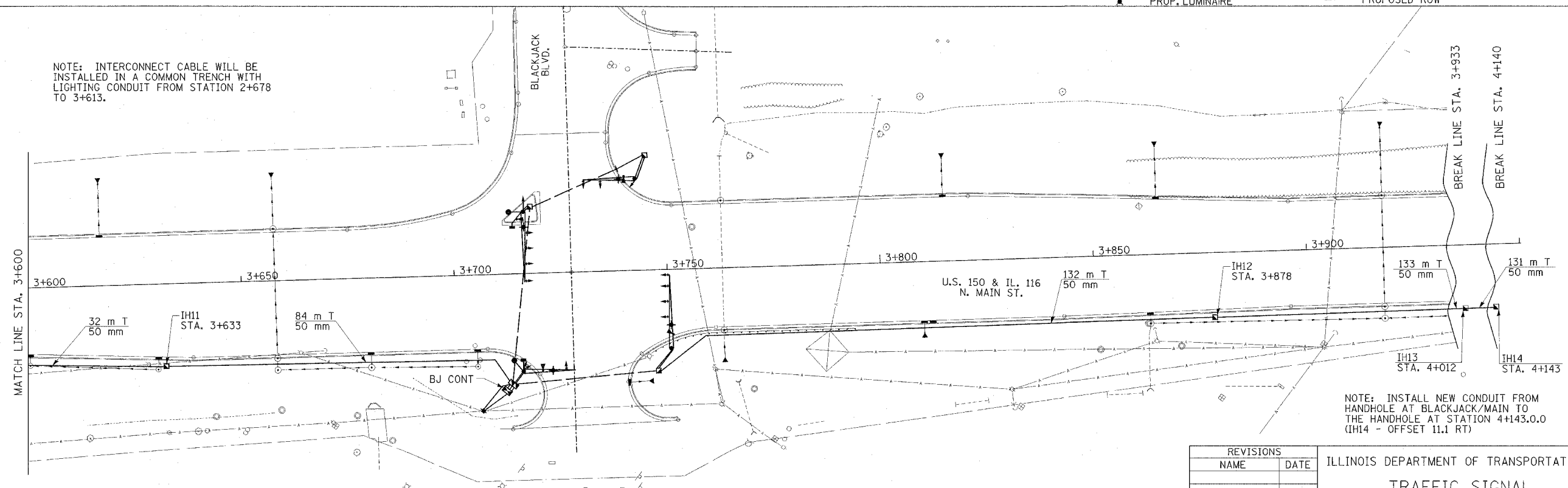
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	327
STA. 3+250 TO STA. 3+950			FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT	
* (90-11R-2;9013,14,14-11R-1)				



NOTE: INTERCONNECT CABLE WILL BE INSTALLED IN A COMMON TRENCH WITH LIGHTING CONDUIT FROM STATION 2+678 TO 3+613.

LEGEND

■	CONTROLLER	▲	PROP. SERVICE INSTALLATION
□	HANDHOLE	▲	PROP. VIDEO CAMERA
▣	DOUBLE HANDHOLE	---	CONDUIT PUSHED
+	SIGNAL HEAD	---	CONDUIT IN TRENCH
+	SIGNAL HEAD WITH BACKPLATE	□	EXISTING HANDHOLE TO REMAIN
●	TRAFFIC SIGNAL POST	+	PED. SIGNAL HEAD
⊥	MAST ARM	●	PED. PUSHBUTTON DETECTOR
■	ILLUMINATED SIGN	---	EXISTING ROW
×	PROP. LUMINAIRE	---	PROPOSED ROW



NOTE: INTERCONNECT CABLE WILL BE INSTALLED IN A COMMON TRENCH WITH LIGHTING CONDUIT FROM STATION 2+678 TO 3+613.

NOTE: INSTALL NEW CONDUIT FROM HANDHOLE AT BLACKJACK/MAIN TO THE HANDHOLE AT STATION 4+143.0.0 (IH14 - OFFSET 11.1 RT)

SUMMARY OF QUANTITIES THIS PAGE

CONCRETE HANDHOLE IH8, IH9, IH10, IH11, IH12, IH13, IH14	EACH	7
CONDUIT IN TRENCH 50 mm	METER	1229
TRENCH BACKFILL FOR ELECTRICAL WORK	METER	864
FIBER OPTIC CABLE NO. 62.5/125 MM12 & SM 12	METER	509

QUANTITIES INCLUDED WITH TRAFFIC SIGNALS

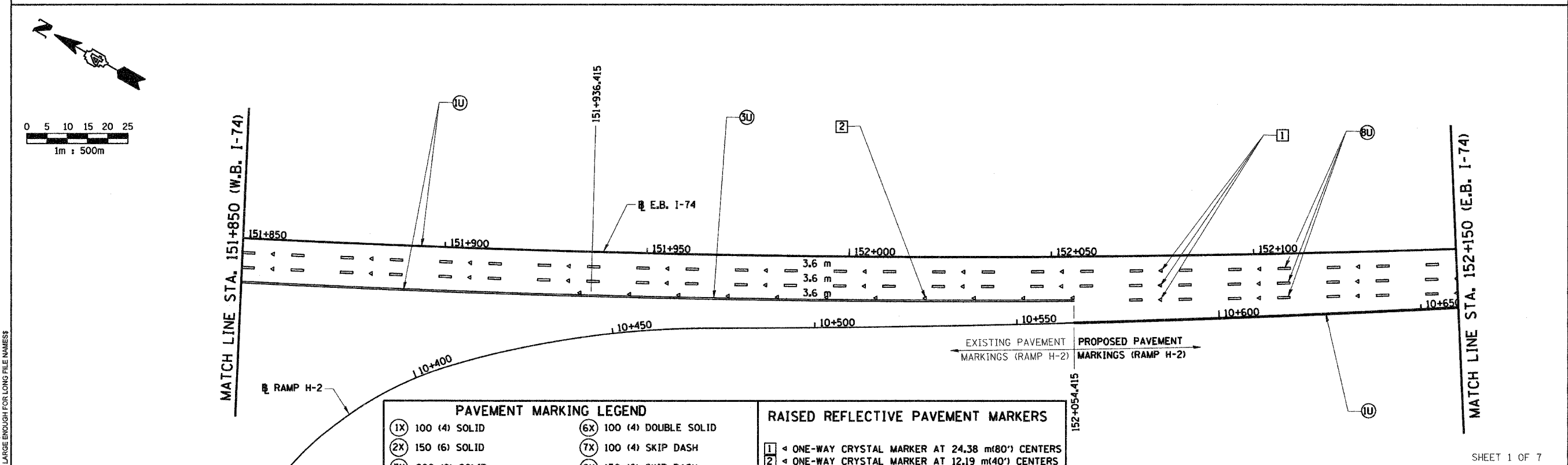
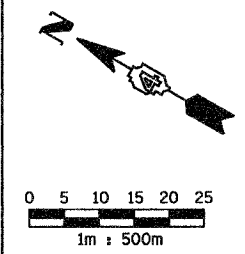
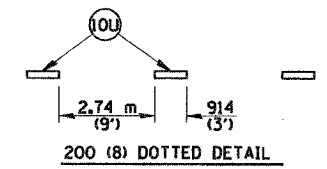
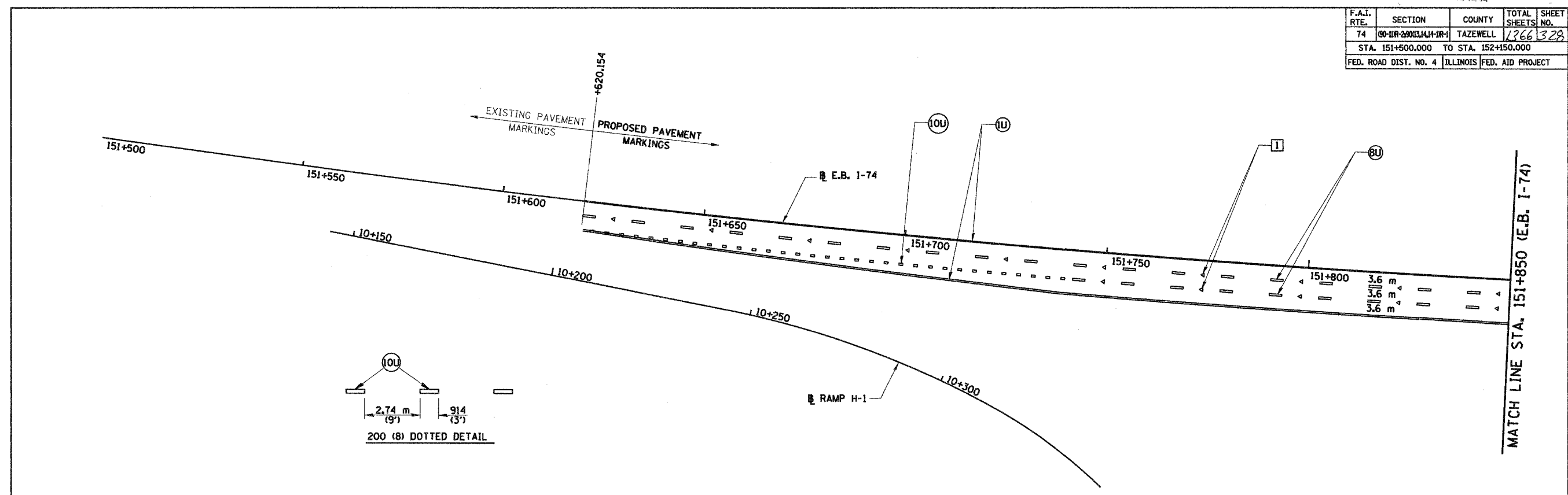
NOTE: INSTALL NEW CONDUIT AND FIBER OPTIC CABLE FROM WB DOUBLE HANDHOLE TO THE CONTROLLER AT BLACKJACK/MAIN.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL INTERCONNECT PLAN
 SHEET 13 OF 13
 DATE 12/20/04
 DRAWN BY SAM
 CHECKED BY CTH

F.A.T. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-UR-2903,4,4+UR-1	TAZEWELL	1266	328
STA. 151+500.000 TO STA. 152+150.000				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

(1X) 100 (4) SOLID	(6X) 100 (4) DOUBLE SOLID
(2X) 150 (6) SOLID	(7X) 100 (4) SKIP DASH
(3X) 200 (8) SOLID	(8X) 150 (6) SKIP DASH
(4X) 300 (12) SOLID	(9X) 200 (8) SKIP DASH
(5X) 600 (24) SOLID	(10X) 200 (8) DOTTED
WHERE "X" DESIGNATES:	(11X) LETTERS AND ARROWS
E = EPOXY	— — WHITE
P = PAINT	— — YELLOW
T = THERMOPLASTIC	
U = POLYUREA	

RAISED REFLECTIVE PAVEMENT MARKERS

(1)	◄ ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2)	◄ ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3)	◄ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4)	◄ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5)	◄ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6)	◄ TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH

REVISIONS

NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
 EASTBOUND I-74
 STA. 151+500.000 TO
 STA. 152+150.000
 DRAWN BY RLS
 CHECKED BY SRS
 DATE 12-20-04

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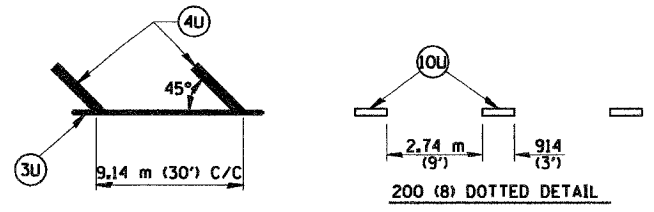
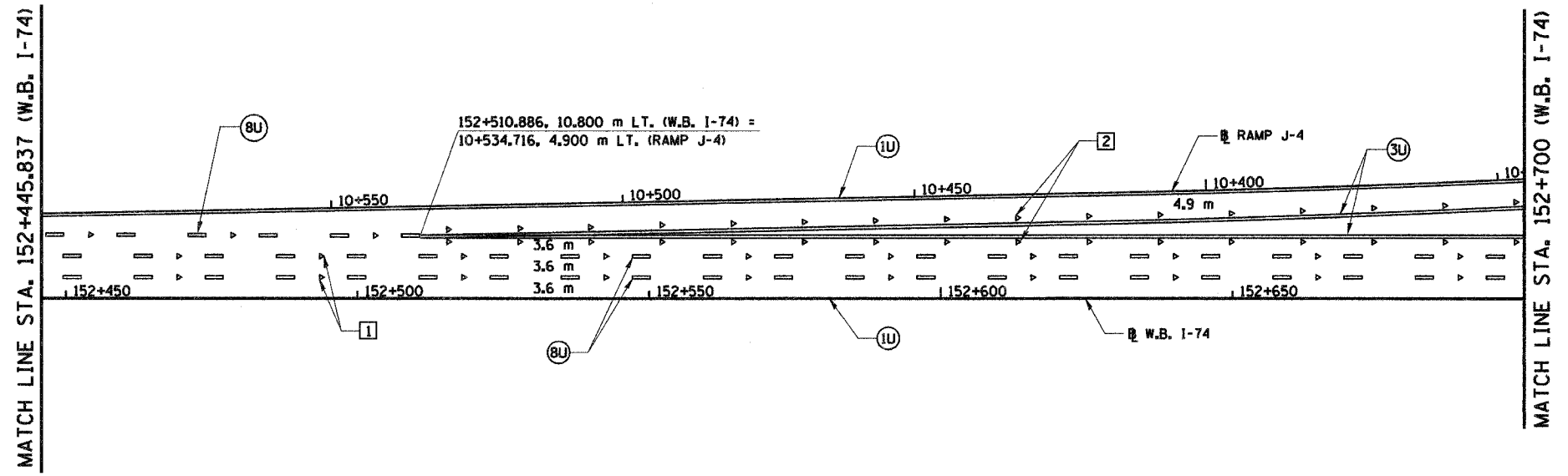
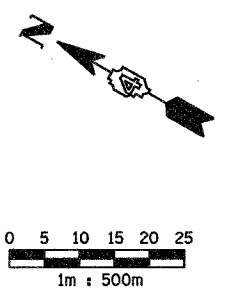
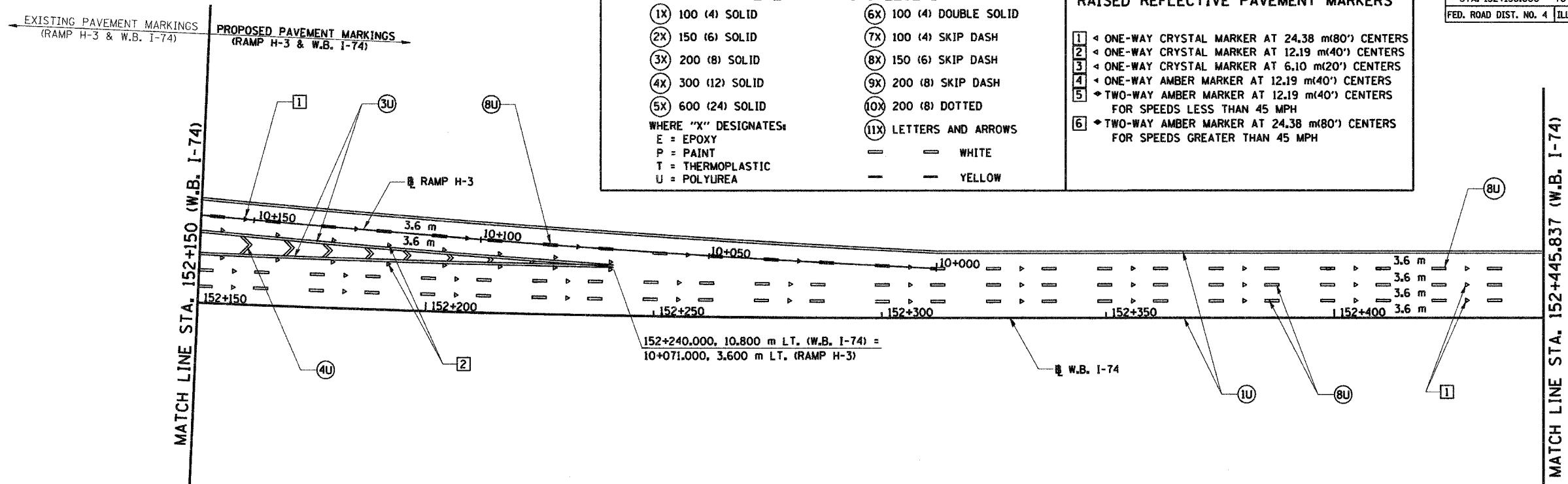
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	190-11R-2003,11A-1R-1	TAZEWELL	2366	332
STA. 152+150.000 TO STA. 152+700.000				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

(1X) 100 (4) SOLID	(6X) 100 (4) DOUBLE SOLID
(2X) 150 (6) SOLID	(7X) 100 (4) SKIP DASH
(3X) 200 (8) SOLID	(8X) 150 (6) SKIP DASH
(4X) 300 (12) SOLID	(9X) 200 (8) SKIP DASH
(5X) 600 (24) SOLID	(10X) 200 (8) DOTTED
WHERE "X" DESIGNATES:	
E = EPOXY	(11X) LETTERS AND ARROWS
P = PAINT	— — WHITE
T = THERMOPLASTIC	— — YELLOW
U = POLYUREA	

RAISED REFLECTIVE PAVEMENT MARKERS

1	◀ ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
2	◀ ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
3	◀ ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
4	◀ ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
5	◀ TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
6	◀ TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
WESTBOUND I-74
STA. 152+150.000 TO
STA. 152+700.000

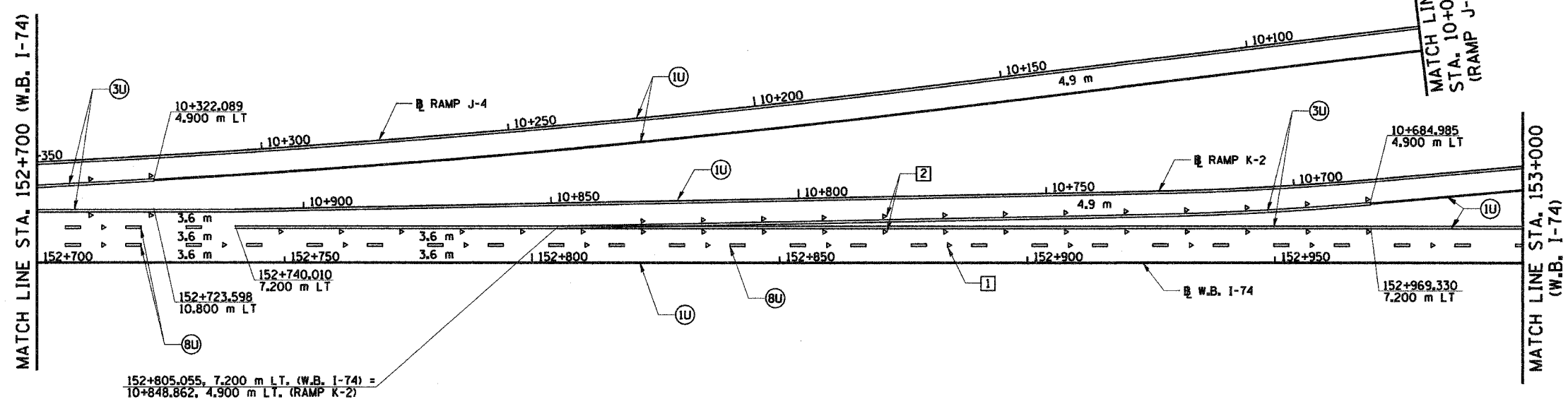
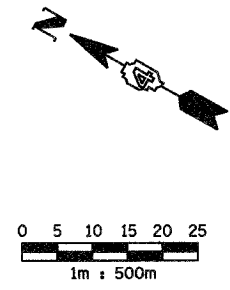
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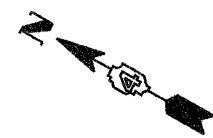
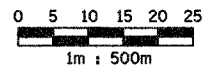


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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	80-DR-2903,14,11R-1	TAZEWELL	1366	333
STA. 152+700.000		TO STA. 153+300.000		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-1R-2003,14+1R-1	TAZEWELL	1366	334
STA. 153+300.000 TO STA. 153+892.180				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				

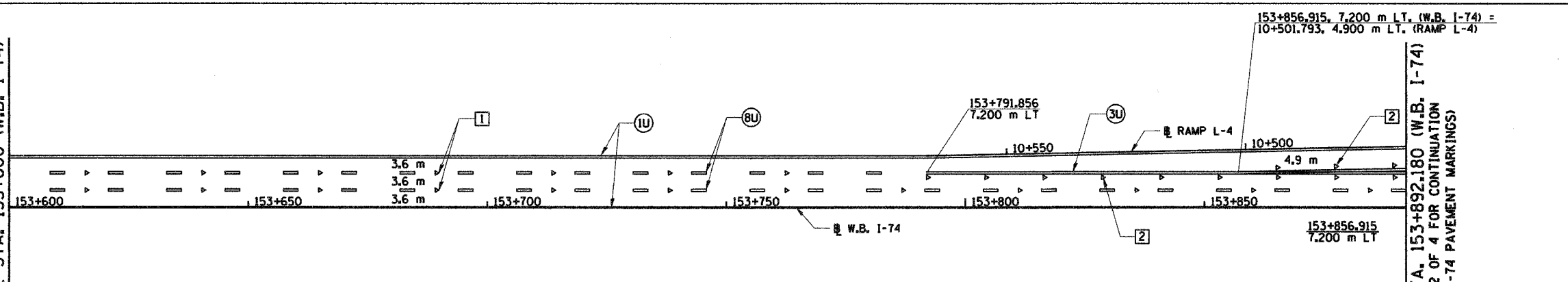
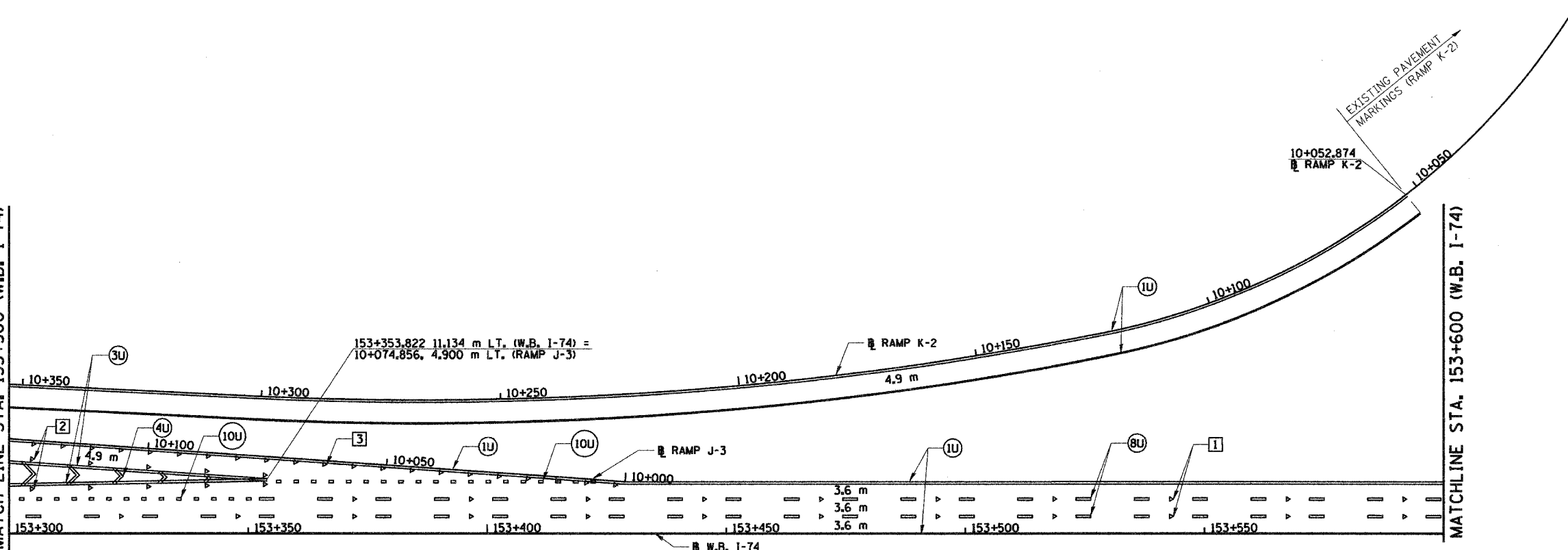


MATCHLINE STA. 153+300 (W.B. I-74)

MATCHLINE STA. 153+600 (W.B. I-74)

MATCHLINE STA. 153+600 (W.B. I-74)

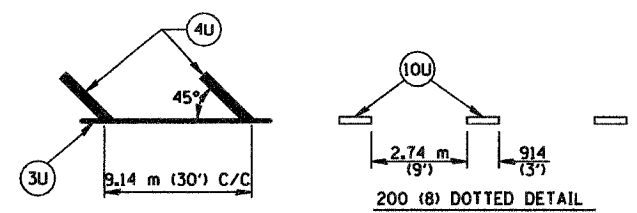
MATCHLINE STA. 153+892.180 (W.B. I-74)
(SEE SET 2 OF 4 FOR CONTINUATION OF W.B. I-74 PAVEMENT MARKINGS)



PAVEMENT MARKING LEGEND		RAISED REFLECTIVE PAVEMENT MARKERS	
(1X)	100 (4) SOLID	1	ONE-WAY CRYSTAL MARKER AT 24.38 m(80') CENTERS
(2X)	150 (6) SOLID	2	ONE-WAY CRYSTAL MARKER AT 12.19 m(40') CENTERS
(3X)	200 (8) SOLID	3	ONE-WAY CRYSTAL MARKER AT 6.10 m(20') CENTERS
(4X)	300 (12) SOLID	4	ONE-WAY AMBER MARKER AT 12.19 m(40') CENTERS
(5X)	600 (24) SOLID	5	TWO-WAY AMBER MARKER AT 12.19 m(40') CENTERS FOR SPEEDS LESS THAN 45 MPH
(6X)	100 (4) DOUBLE SOLID	6	TWO-WAY AMBER MARKER AT 24.38 m(80') CENTERS FOR SPEEDS GREATER THAN 45 MPH
(7X)	100 (4) SKIP DASH		
(8X)	150 (6) SKIP DASH		
(9X)	200 (8) SKIP DASH		
(10X)	200 (8) DOTTED		
(11X)	LETTERS AND ARROWS		

WHERE "X" DESIGNATES: — — WHITE
 E = EPOXY — — YELLOW
 P = PAINT
 T = THERMOPLASTIC
 U = POLYUREA

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



REVISIONS	
NAME	DATE



ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKING PLAN
WESTBOUND I-74
STA. 153+300.000 TO
STA. 153+892.180

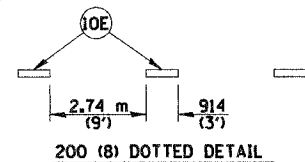
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TYPICAL EXIST. PAVEMENT MARKING LEGEND

- (1X) 100 (4) SOLID
- (3X) 200 (8) SOLID
- (5X) 600 (24) SOLID
- (8X) 150 (6) SKIP DASH (9m-3m)
- (11X) LETTERS AND SYMBOLS



WHERE "X" DESIGNATES:
 E = EPOXY
 T = THERMOPLASTIC
 U = POLYUREA

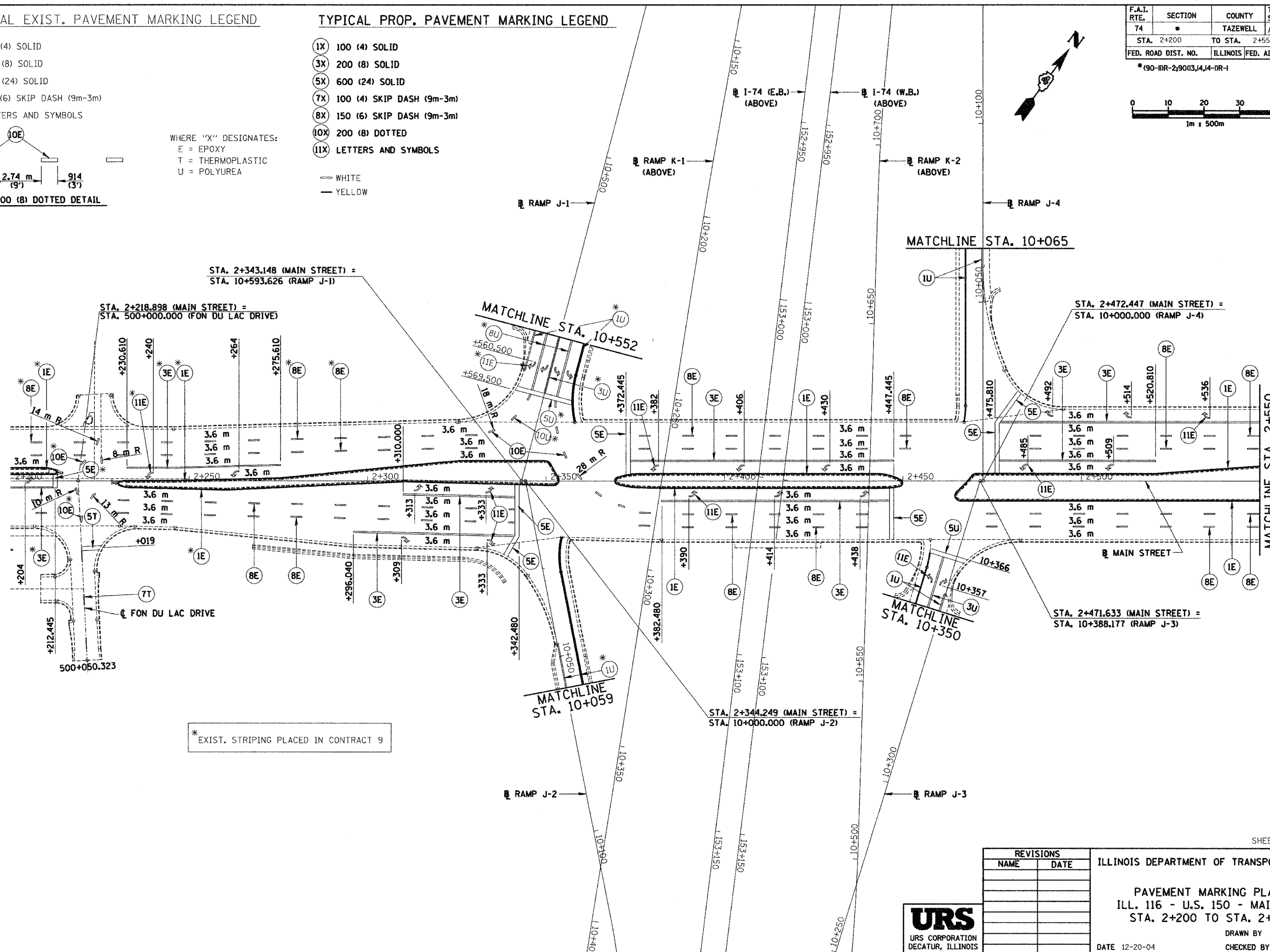
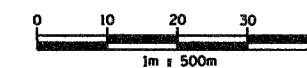
TYPICAL PROP. PAVEMENT MARKING LEGEND

- (1X) 100 (4) SOLID
- (3X) 200 (8) SOLID
- (5X) 600 (24) SOLID
- (7X) 100 (4) SKIP DASH (9m-3m)
- (8X) 150 (6) SKIP DASH (9m-3m)
- (10X) 200 (8) DOTTED
- (11X) LETTERS AND SYMBOLS

— WHITE
 — YELLOW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	335
STA. 2+200		TO STA. 2+550		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* (90-10R-2,90(13,14)-1R-1



* EXIST. STRIPING PLACED IN CONTRACT 9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN
 ILL. 116 - U.S. 150 - MAIN ST.
 STA. 2+200 TO STA. 2+550

DRAWN BY SRS
 CHECKED BY JJM

DATE 12-20-04

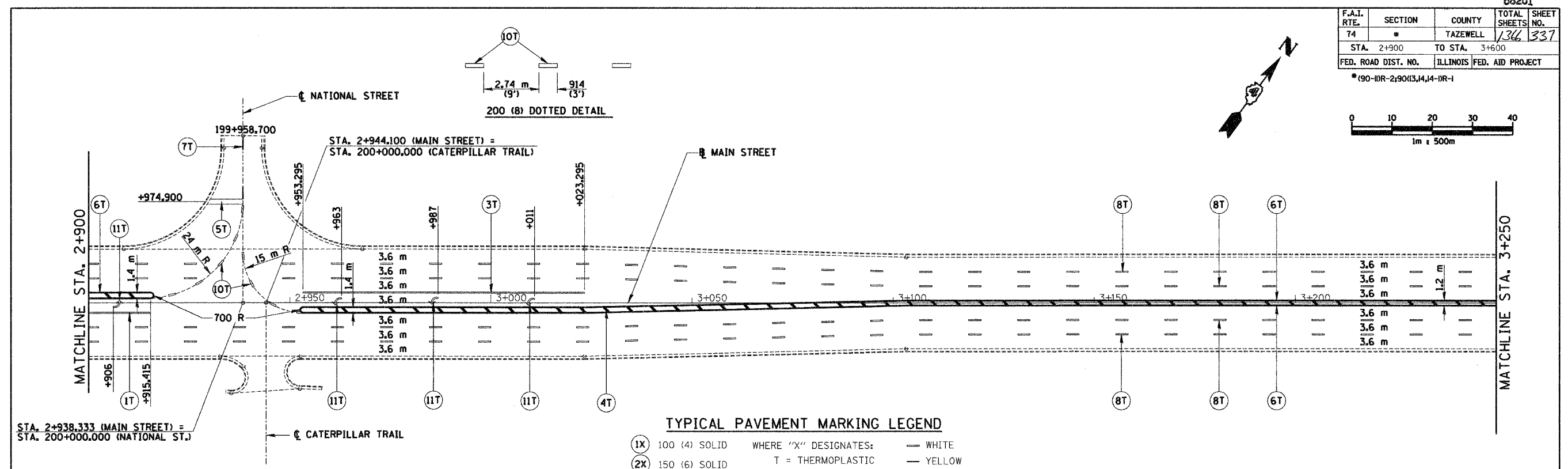
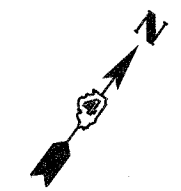
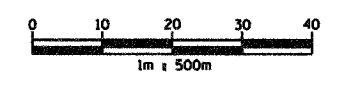


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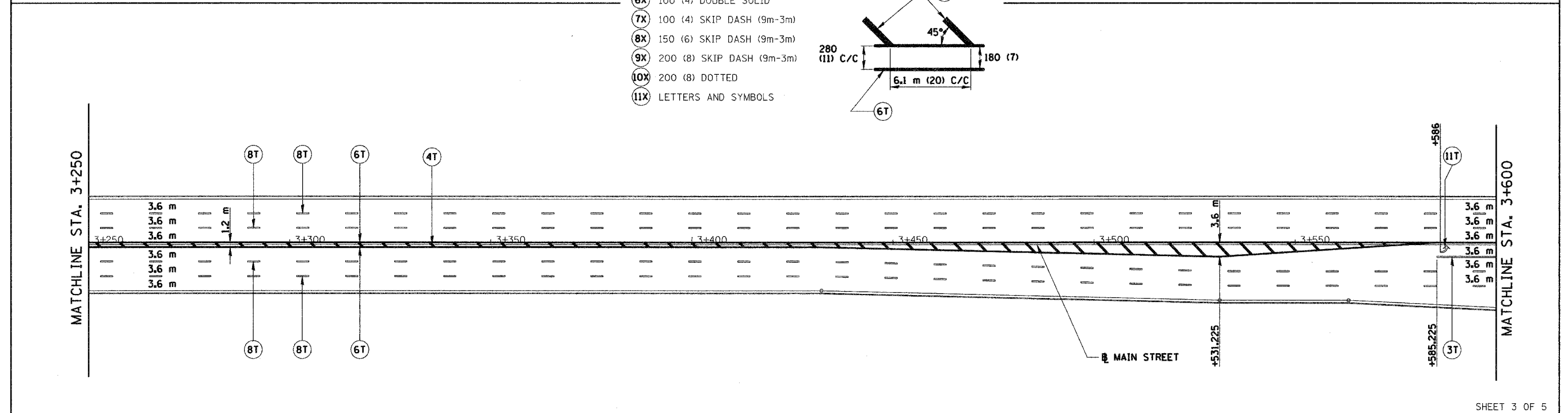
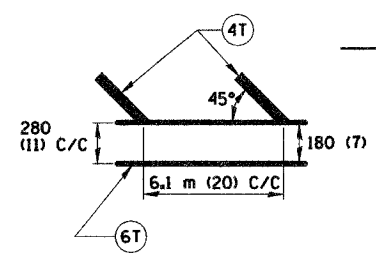
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	136	337
STA. 2+900		TO STA. 3+600		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-10R-2)90(3,4,14-10R-1				



TYPICAL PAVEMENT MARKING LEGEND

- 1X 100 (4) SOLID WHERE "X" DESIGNATES: — WHITE
- 2X 150 (6) SOLID T = THERMOPLASTIC — YELLOW
- 3X 200 (8) SOLID E = EPOXY
- 4X 300 (12) SOLID P = PAINT
- 5X 600 (24) SOLID
- 6X 100 (4) DOUBLE SOLID
- 7X 100 (4) SKIP DASH (9m-3m)
- 8X 150 (6) SKIP DASH (9m-3m)
- 9X 200 (8) SKIP DASH (9m-3m)
- 10X 200 (8) DOTTED
- 11X LETTERS AND SYMBOLS



SHEET 3 OF 5

REVISIONS	
NAME	DATE

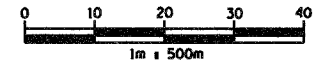
ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING PLAN
 ILL. 116 - U.S. 150 - MAIN ST.
 STA. 2+900 TO STA. 3+600



DATE 12-20-04
 DRAWN BY SRS
 CHECKED BY JJM

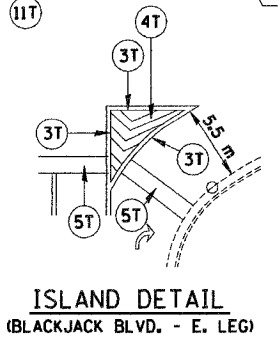
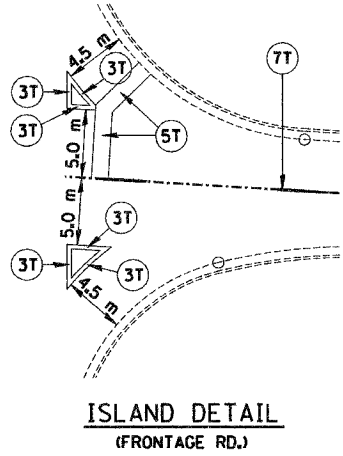
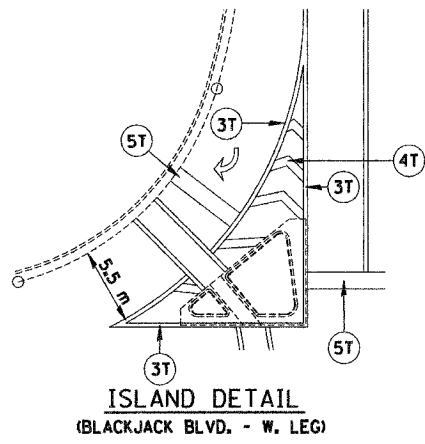
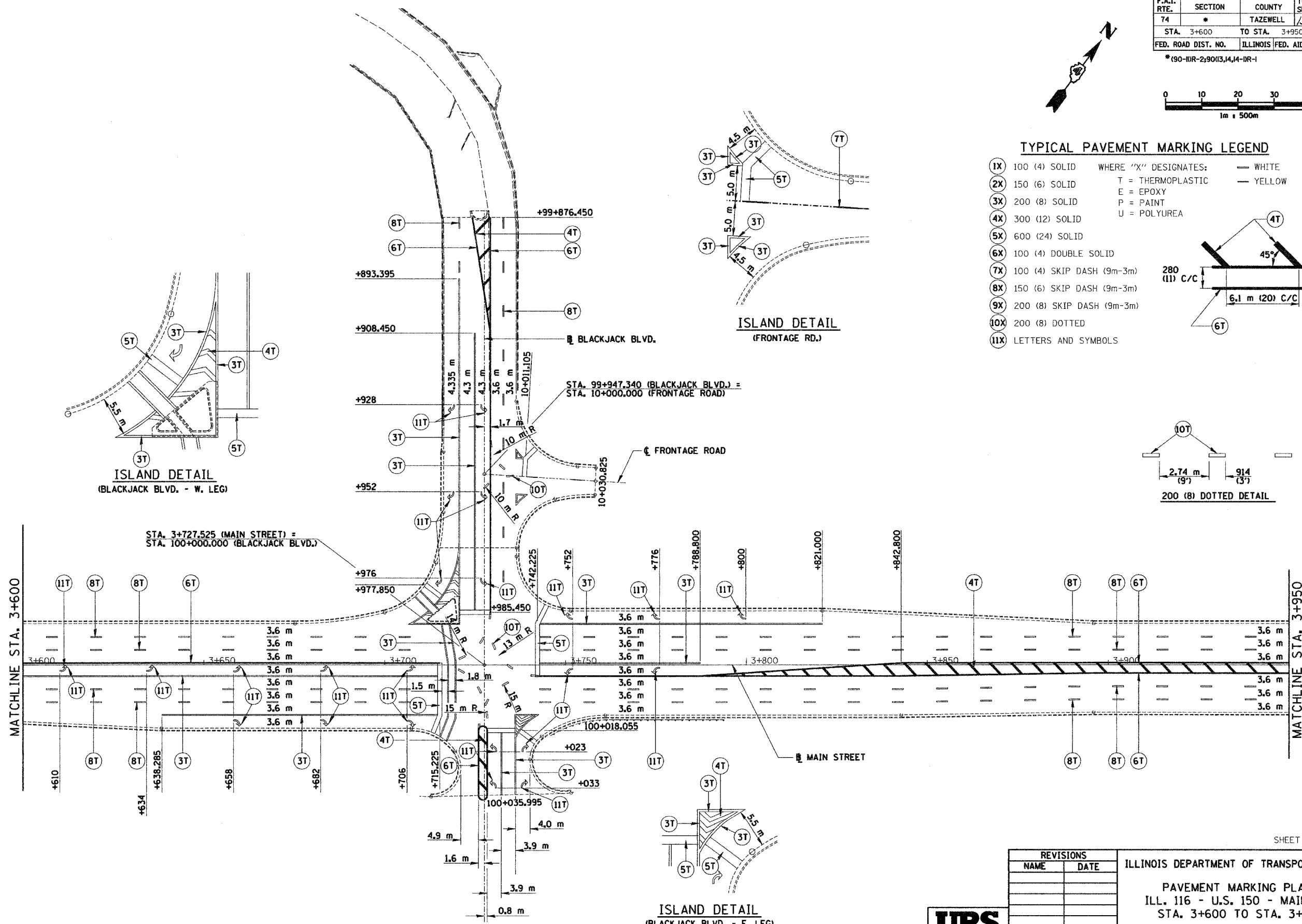
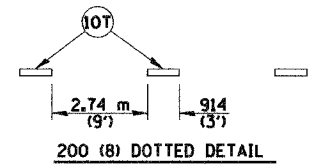
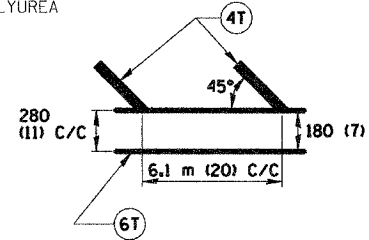
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
74	*	TAZEWELL	1366 338
STA. 3+600		TO STA. 3+950	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

* (90-11R-2) 90(3,4,14-DR-1



TYPICAL PAVEMENT MARKING LEGEND

- 1X 100 (4) SOLID WHERE "X" DESIGNATES: — WHITE
- 2X 150 (6) SOLID T = THERMOPLASTIC — YELLOW
- 3X 200 (8) SOLID E = EPOXY
- 4X 300 (12) SOLID P = PAINT
- 5X 600 (24) SOLID U = POLYUREA
- 6X 100 (4) DOUBLE SOLID
- 7X 100 (4) SKIP DASH (9m-3m)
- 8X 150 (6) SKIP DASH (9m-3m)
- 9X 200 (8) SKIP DASH (9m-3m)
- 10X 200 (8) DOTTED
- 11X LETTERS AND SYMBOLS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PAVEMENT MARKING PLAN
 ILL. 116 - U.S. 150 - MAIN ST.
 STA. 3+600 TO STA. 3+950



DATE 12-20-04
 DRAWN BY SRS
 CHECKED BY JJM

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	366	340
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

* L1 IS THE POST CLOSEST TO THE ROADWAY EDGE OF PAVEMENT
 ** FOR INFORMATION ONLY ITEM INCLUDED IN TEMPORARY SIGN ITEMS

BILL OF MATERIALS - TEMPORARY SIGNING

(SHEET 1 OF 5)

*(90-1)DR-2;90(13, 14, 14-1)R-1

LOCATION	STATION	SIGN DIMENSIONS		COMPOSITE TEMPORARY SIGN OVERLAY (SQ m)	SIGN PANEL OVERLAY (SPECIAL) (SQ m)	WOOD SIGN SUPPORT **		CONCRETE FOUNDATIONS FOR WOOD SIGN SUPPORT ** (EACH)	MOUNTING		REINSTALL TEMP SIGN PANEL ASSEMBLY (EACH)	RELOCATE SIGN PANEL ASSEMBLY TYPE B (EACH)	TEMP SIGN PANEL ASSEMBLY (SQ m)	LEGEND	SIGN DETAIL	COMMENTS	
		HEIGHT (mm)	WIDTH (mm)			L1 (m)	L2 (m)		HT. ABOVE E/P (m)	OFFSET FROM E/P (m)							
EB I-74 STAGE 3A		600	750										0.5	WORK ZONE	1	TSPA - PLACE IN ADVANCE OF PROJECT PER HIGHWAY STANDARDS 701416 AND 701400	
		750	600										0.5	SPEED LIMIT 55			
		305	610			5.2		1	1.8	4.0			0.2	BEGINS			
		450	1000										0.5	\$XXX FINE MINIMUM			
	152+206	600	750										0.5	WORK ZONE			
	152+206	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 55			
	152+206	450	1000										0.5	\$XXX FINE MINIMUM			
	152+455	2400	1200		2.9												SPEED LIMIT 55 - MINIMUM 45
	152+537	550	800	0.4													EXIT 95A - NORTH MAIN ST.
	152+537	550	800	0.4													I-74 EAST - LEFT TWO LANES
	152+838	2591	3900		10.1												LANE ENDS 800 FEET
	153+433	600	750										0.5	WORK ZONE			
	153+433	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 55			
	153+433	450	1000										0.5	\$XXX FINE MINIMUM			
	153+606	550	800		0.4												TO EAST WASHINGTON ST.
153+606	550	800	0.4											TO EAST WASHINGTON ST.			
WB I-74 STAGE 3A	152+244	2591	3900		10.1											LANE ENDS 800 FEET	
	152+244	914	5176	4.7											22	DOWNTOWN PEORIA - VIA MICHEL BRIDGE	
	152+268									1						NORTH 40 - RIVERFRONT DR.	
	152+385	2400	1200		2.9											SPEED LIMIT 55 - MINIMUM 45	
	152+446	1083	6750	7.3											23	DOWNTOWN PEORIA - VIA MICHEL BRIDGE	
	152+625	1828	3000					2				1				PEORIA CIVIC CENTER - EXIT 94	
	152+819										1					EXIT 94 - RIVERFRONT DR. - 1/2 MILE	
	152+819	400	400	0.2							1				19	EXIT 94 - RIVERFRONT DR. - 1/2 MILE	
	152+881										1					EXIT 94 - RIVERFRONT DR.	
	152+897	600	750										0.5	WORK ZONE		REINSTALL AT STA. 152+838	
	152+897	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 55	2	TSPA	
	152+897	450	1000										0.5	\$XXX FINE MINIMUM		TSPA	
	153+125	610	914										0.5	WRONG WAY	27	TSPA	
	153+150										1					EXIT 95B	
	153+150	365	375		0.1						1					EXIT 95B	
	153+184										1					I-74 WEST - KEEP LEFT	
	153+184										1					116 WEST - NORTH MAIN ST. - NEXT RIGHT	
	153+184										1					116 EAST - METAMORA	
	153+184	375	1173	0.4							1					116 EAST - METAMORA	
	153+453										1					CASINO -	
	(RAMP K-2) 153+593	510	3430	1.7												28	I-74 WEST PEORIA
	(RAMP K-2) 153+593																I-74 WEST GALESBURG
	(RAMP K-2) 153+593	600	3960	2.4												29	TO DETOUR - I-74 WEST GALESBURG
153+776										1						116 EAST - METAMORA - NEXT EXIT	
153+776	375	1173	0.4												24	116 EAST - METAMORA - NEXT EXIT	
153+776	305	610											0.2	WEST	3	TSPA	
153+776	610	750			4.3		1	1.8	4.0				0.5	ILLINOIS 116		TSPA	
153+776	510	770											0.4	RAMP CLOSED		TSPA	
SUBTOTAL SHEET 1 OF 5				18.3	26.5	24.2	7			9	1	7.8					
SUBTOTAL SHEET 2 OF 5						28.3	6					7.3					
SUBTOTAL SHEET 3 OF 5				2.6		42.3	9			10		11.7					
SUBTOTAL SHEET 4 OF 5				1.1	0.9	18.6	4			4		5.5					
SUBTOTAL SHEET 5 OF 5										5							
SCHEDULE TOTAL				22.0	27.4	**113.4	**26			28	1	32.3					

TSPA = TEMPORARY SIGN PANEL ASSEMBLY



REVISIONS	
NAME	DATE

T. I. S. SHEET 1 OF 33
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 FAI ROUTE 74 (I-74)
 TEMPORARY GUIDE SIGN DETAILS
 DRAWN BY RLS
 CHECKED BY JJM
 DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	341
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(90-11)R-2:90(13, 14, 14-1)R-1

* L1 IS THE POST CLOSEST TO THE ROADWAY EDGE OF PAVEMENT

** FOR INFORMATION ONLY
ITEM INCLUDED IN TEMPORARY SIGN ITEMS

BILL OF MATERIALS - TEMPORARY SIGNING

(SHEET 2 OF 5)

LOCATION	STATION	SIGN DIMENSIONS		COMPOSITE TEMPORARY SIGN OVERLAY (SQ m)	SIGN PANEL OVERLAY (SPECIAL) (SQ m)	WOOD SIGN SUPPORT **		CONCRETE FOUNDATIONS FOR WOOD SIGN SUPPORT ** (EACH)	MOUNTING		REINSTALL TEMP SIGN PANEL ASSEMBLY (EACH)	RELOCATE SIGN PANEL ASSEMBLY TYPE B (EACH)	TEMP SIGN PANEL ASSEMBLY (SQ m)	LEGEND	SIGN DETAIL	COMMENTS
		HEIGHT (mm)	WIDTH (mm)			L1 (m)	L2 (m)		HT. ABOVE E/P (m)	OFFSET FROM E/P (m)						
CAMP ST. STAGE 3A																
RT	2+141	305	610										0.2	TO	4	TSPA
RT	2+141	305	610			4.4		1	1.8	4.0			0.2	EAST		TSPA
RT	2+141	610	610										0.4	I-74		TSPA
RT	2+141	381	533										0.2	←		TSPA
RT	2+301	305	610										0.2	TO	5	TSPA
RT	2+301	305	610			4.4		1	1.8	4.0			0.2	EAST		TSPA
RT	2+301	610	610										0.4	I-74		TSPA
RT	2+301	381	533										0.2	←		TSPA
LT	2+571	305	610										0.2	TO	6	TSPA
LT	2+571	305	610										0.2	ALTERNATE		TSPA
LT	2+571	305	610			5.1		1	1.8	4.0			0.2	WEST		TSPA
LT	2+571	610	610										0.4	I-74		TSPA
LT	2+571	381	533										0.2	←		TSPA
LT	2+571	305	610										0.2	○		TSPA
LT	2+698	305	610										0.2	TO	7	TSPA
LT	2+698	305	610										0.2	ALTERNATE		TSPA
LT	2+698	305	610			5.1		1	1.8	4.0			0.2	WEST		TSPA
LT	2+698	610	610										0.4	I-74		TSPA
LT	2+698	381	533										0.2	←		TSPA
LT	2+698	305	610										0.2	○		TSPA
MAIN ST. STAGE 3A																
RT	2+175	600	750										0.5	WORK ZONE	9	TSPA
RT	2+175	750	600			5.2		1	1.8	4.0			0.5	SPEED LIMIT 40		TSPA
RT	2+175	305	610										0.2	BEGINS		TSPA
RT	2+175	450	1000										0.5	*XXX FINE MINIMUM		TSPA
RT	2+198	381	533										0.2	JCT	8	TSPA
RT	2+198	305	610			4.1		1	1.8	4.0			0.2	EAST		TSPA
RT	2+198	610	610										0.4	I-74		TSPA
SUBTOTAL SHEET 2 OF 5																
						**28.3			** 6				7.3			

TSPA = TEMPORARY SIGN PANEL ASSEMBLY

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 74 (I-74)
NAME	DATE	
		TEMPORARY GUIDE SIGN DETAILS



DATE 12-20-04
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.
74	*	TAZEWELL	1366 342
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	

*(90-11)R-2:90(13, 14, 14-1)R-1

* L1 IS THE POST CLOSEST TO THE ROADWAY EDGE OF PAVEMENT
 ** FOR INFORMATION ONLY ITEM INCLUDED IN TEMPORARY SIGN ITEMS

BILL OF MATERIALS - TEMPORARY SIGNING

(SHEET 3 OF 5)

LOCATION	STATION	SIGN DIMENSIONS		COMPOSITE TEMPORARY SIGN OVERLAY (SQ m)	SIGN PANEL OVERLAY (SPECIAL) (SQ m)	WOOD SIGN SUPPORT **		CONCRETE FOUNDATIONS FOR WOOD SIGN SUPPORT ** (EACH)	MOUNTING		REINSTALL TEMP SIGN PANEL ASSEMBLY (EACH)	RELOCATE SIGN PANEL ASSEMBLY TYPE B (EACH)	TEMP SIGN PANEL ASSEMBLY (SQ m)	LEGEND	SIGN DETAIL	COMMENTS	
		HEIGHT (mm)	WIDTH (mm)			L1 (m)	L2 (m)		HT. ABOVE E/P (m)	OFFSET FROM E/P (m)							
MAIN ST. STAGE 3A-1 (PRE-STAGE 3)																	
LT	2+520	305	610										0.2	EAST	10	TSPA	
LT	2+520	610	610			4.1		1	1.8	4.0			0.4	I-74		TSPA	
LT	2+520	381	533										0.2	←		TSPA	
RT	2+995	600	750										0.5	WORK ZONE	11	TSPA	
RT	2+995	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 40		TSPA	
RT	2+995	450	1000										0.5	*XXX FINE MINIMUM		TSPA	
RT	3+415	600	750										0.5	WORK ZONE	11	TSPA	
RT	3+415	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 40		TSPA	
RT	3+415	450	1000										0.5	*XXX FINE MINIMUM		TSPA	
LT	3+530	600	750										0.5	WORK ZONE	11	TSPA	
LT	3+530	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 40		TSPA	
LT	3+530	450	1000										0.5	*XXX FINE MINIMUM		TSPA	
RT	3+840	600	750										0.5	WORK ZONE	11	TSPA	
RT	3+840	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 40		TSPA	
RT	3+840	450	1000										0.5	*XXX FINE MINIMUM		TSPA	
RT	4+235	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 50		TSPA	
RT	4+235	305	610										0.2	BEGINS	12	TSPA	
LT	4+278	600	750										0.5	WORK ZONE	9	TSPA	
LT	4+278	750	600			4.9		1	1.8	4.0			0.5	SPEED LIMIT 40		TSPA	
LT	4+278	305	610										0.2	BEGINS		TSPA	
LT	4+278	450	1000										0.5	*XXX FINE MINIMUM		TSPA	
MAIN ST. STAGE 3A-2																	
RT	2+363	433	3000	1.3										WEST PEORIA - EAST BLOOMINGTON	25	COVER "PEORIA" WITH "RAMP CLOSED"	
RT	2+375													CLEARANCE 14' -0"		REMOVE	
RT	2+464	600	900										0.5	WRONG WAY	27	TSPA	
LT	2+587	433	3000	1.3										EAST BLOOMINGTON - WEST PEORIA	25	COVER "PEORIA" WITH "RAMP CLOSED"	
RT	2+975									1				WORK ZONE - SPEED LIMIT 40 - *XXX FINE MINIMUM		REINSTALL AT STA. 2+975	
RT	3+415									1				WORK ZONE - SPEED LIMIT 40 - *XXX FINE MINIMUM		REINSTALL AT STA. 3+416	
RT	3+842									1				WORK ZONE - SPEED LIMIT 40 - *XXX FINE MINIMUM		REINSTALL AT STA. 3+842	
MAIN ST. STAGE 3A-3																	
LT	2+520										1			EAST - I-74 - ←		REINSTALL AT STA. 2+500	
LT	2+605	305	610										0.2	EAST	14	TSPA	
LT	2+605	610	610			4.4		1	1.8	4.0			0.4	I-74		TSPA	
LT	2+605	510	770										0.4	KEEP LEFT		TSPA	
LT	2+605	305	610										0.2	WEST	13	TSPA	
LT	2+605	610	610			4.4		1	1.8	4.0			0.4	I-74		TSPA	
LT	2+605	510	770										0.4	RAMP CLOSED		TSPA	
RT	2+975									1				WORK ZONE - SPEED LIMIT 40 - *XXX FINE MINIMUM		REINSTALL AT 2+975	
RT	3+417									1				WORK ZONE - SPEED LIMIT 40 - *XXX FINE MINIMUM		REINSTALL AT STA. 3+415	
RT	3+844									1				WORK ZONE - SPEED LIMIT 40 - *XXX FINE MINIMUM		REINSTALL AT STA. 3+844	
MAIN ST. STAGE 3A-4																	
LT	2+520										1			EAST - I-74 - ←		REINSTALL AT STA. 2+518	
LT	2+600										1			EAST - I-74 - KEEP LEFT		REINSTALL AT STA. 2+605	
LT	2+600										1			WEST - I-74 - RAMP CLOSED		REINSTALL AT STA. 2+605	
SUBTOTAL SHEET 3 OF 5				2.6		** 42.3		** 9			10		11.7				

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 74 (I-74)
NAME	DATE	
		TEMPORARY GUIDE SIGN DETAILS

TSPA = TEMPORARY SIGN PANEL ASSEMBLY



DATE 12-20-04
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	343
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(90-11)R-2:9013, 14, 14-1R-1

* L1 IS THE POST CLOSEST TO THE ROADWAY EDGE OF PAVEMENT

** FOR INFORMATION ONLY ITEM INCLUDED IN TEMPORARY SIGN ITEMS

BILL OF MATERIALS - TEMPORARY SIGNING

(SHEET 4 OF 5)

LOCATION	STATION	SIGN DIMENSIONS		COMPOSITE TEMPORARY SIGN OVERLAY (SQ m)	SIGN PANEL OVERLAY (SPECIAL) (SQ m)	WOOD SIGN SUPPORT **		CONCRETE FOUNDATIONS FOR WOOD SIGN SUPPORT ** (EACH)	MOUNTING		REINSTALL TEMP SIGN PANEL ASSEMBLY (EACH)	RELOCATE SIGN PANEL ASSEMBLY TYPE B (EACH)	TEMP SIGN PANEL ASSEMBLY (SQ m)	LEGEND	SIGN DETAIL	COMMENTS
		HEIGHT (mm)	WIDTH (mm)			L1 (m)	L2 (m)		HT. ABOVE E/P (m)	OFFSET FROM E/P (m)						
WB I-74 STAGE 3B																
LT	152+909	914	2550			4.3	4.3	2	1.8	4.0			2.3	← METAMORA - PEKIN → LANE ENDS 800 FEET ↓	15	PLACE ON RAMP J-4 TSPA REMOVE
RT	152+838													WEST		PLACE ON RAMP J-4 TSPA
LT	152+963	305	610										0.2	150		PLACE ON RAMP J-4 TSPA
LT	152+963	610	750			5.0		1	1.8	4.0			0.5	EAST		PLACE ON RAMP J-4 TSPA
LT	152+963	305	610										0.2	ILLINOIS 116		PLACE ON RAMP J-4 TSPA
LT	152+963	610	750										0.5	←		PLACE ON RAMP J-4 TSPA
LT	152+963	381	533										0.2	EAST		PLACE ON RAMP J-4 TSPA
LT	152+963	305	610										0.5	150		PLACE ON RAMP J-4 TSPA
LT	152+963	610	750			5.0		1	1.8	4.0			0.2	WEST		PLACE ON RAMP J-4 TSPA
LT	152+963	305	610										0.5	ILLINOIS 116		PLACE ON RAMP J-4 TSPA
LT	152+963	610	750										0.2	↑		PLACE ON RAMP J-4 TSPA
LT	152+963	381	533											EXIT 95A - NORTH MAIN ST.		REINSTALL
LT	153+165	762	1173		0.9						1			EXIT 95A - NORTH MAIN ST.	17	COVER "A"
LT	153+165	800	1130	0.9										EXIT 95A - NORTH MAIN ST.	26	COVER " " WITH " "
LT	153+190										1			CASINO →		REINSTALL AT STA. 152+905
LT	153+190	550	800	0.2										CASINO →	20	COVER " " WITH " "
LT	153+176										1			EXIT 94 - RIVERFRONT DR. 1/2 MILE		REINSTALL AT STA. 153+332
LT	153+289										1			EXIT 95		REINSTALL AT STA. 153+081
LT	153+338													EXIT 96 - 116 EAST METAMORA		REMOVE
LT	153+726													WEST - ILL 116 - RAMP CLOSED		REMOVE
LT	153+726													EXIT 95 - METAMORA NEXT RIGHT		REMOVE
EB I-74 STAGE 3C																
	152+206													WORK ZONE - SPEED LIMIT 55- \$XXX FINE MINIMUM		REMOVE AFTER CONC. BARRIER MED. INSTALLED IN GAP
	152+455													SPEED LIMIT 55 - 45 MINIMUM		REMOVE SPO(S) AFTER CONC. BAR. MED. INSTALLED
	153+433													WORK ZONE - SPEED LIMIT 55- \$XXX FINE MINIMUM		REMOVE AFTER CONC. BARRIER MED. INSTALLED IN GAP
	153+606													EXIT 96 - EAST WASHINGTON STREET		REMOVE SPO(S) AND CTSO
SUBTOTAL SHEET 4 OF 5				1.1	0.9	**18.6		** 4			4		5.5			

TSPA = TEMPORARY SIGN PANEL ASSEMBLY

T. I. S. SHEET 4 OF 33

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 74 (I-74)
NAME	DATE	
		TEMPORARY GUIDE SIGN DETAILS



DRAWN BY RLS
CHECKED BY JJM

DATE 12-20-04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	344
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(90-11)R-2;90(13, 14, 14-1)R-1

* L1 IS THE POST CLOSEST TO THE ROADWAY EDGE OF PAVEMENT

** FOR INFORMATION ONLY
ITEM INCLUDED IN TEMPORARY SIGN ITEMS

BILL OF MATERIALS - TEMPORARY SIGNING

(SHEET 5 OF 5)

LOCATION	STATION	SIGN DIMENSIONS		COMPOSITE TEMPORARY SIGN OVERLAY (SQ m)	SIGN PANEL OVERLAY (SPECIAL) (SQ m)	WOOD SIGN SUPPORT **		CONCRETE FOUNDATIONS FOR WOOD SIGN SUPPORT ** (EACH)	MOUNTING		REINSTALL TEMP SIGN PANEL ASSEMBLY (EACH)	RELOCATE SIGN PANEL ASSEMBLY TYPE B (EACH)	TEMP SIGN PANEL ASSEMBLY (SQ m)	LEGEND	SIGN DETAIL	COMMENTS
		HEIGHT (mm)	WIDTH (mm)			L1 (m)	L2 (m)		HT. ABOVE E/P (m)	OFFSET FROM E/P (m)						
WB I-74 STAGE 3C																
LT	152+243													RIVERFRONT DR. - DOWNTOWN PEORIA		REMOVE CTSO TO REVEAL " ↓ EXIT ONLY ↓ "
LT	152+243													LANE ENDS 800 FEET		REMOVE SPO
LT	152+267									1				40 NORTH - RIVERFRONT DR.		REINSTALL AT STA. 152+309
LT	152+446													DOWNTOWN PEORIA VIA MICHEL BRIDGE		REMOVE CTSO TO REVEAL " ↓ EXIT ↓ ONLY "
RT	152+629									1				PEORIA CIVIC CENTER		REINSTALL AT STA. 152+709
RT	152+838													40 NORTH - RIVERFRONT DR.		REMOVE
RT	152+838													I-74 WEST - KEEP LEFT		REMOVE
RT	152+892									1				WORK ZONE - SPEED LIMIT 55 -XXX FINE MINIMUM		REINSTALL AT LT STA. 152+892
LT	152+905													CASINO ←		REMOVE
RT	153+081													EXIT 95 LT ↗		REMOVE
LT	153+154									1				NORTH MAIN ST.		REINSTALL AT STA. 153+441
LT	153+175									1				RIVERFRONT DR. 1/2 MILE		REINSTALL AT STA. 153+163
LT	153+449													CASINO →		REMOVE
SUBTOTAL SHEET 5 OF 5										5						

TSPA = TEMPORARY SIGN PANEL ASSEMBLY

T. I. S. SHEET 5 OF 33

REVISIONS	
NAME	DATE

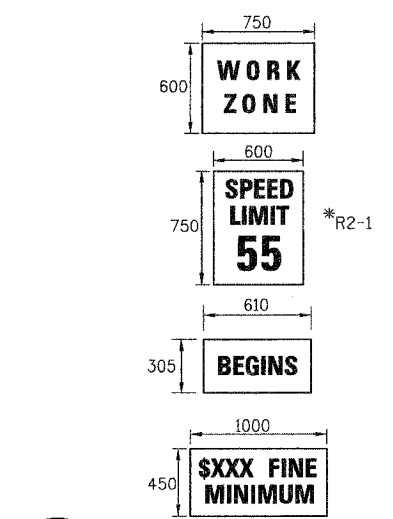
ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 74 (I-74)
TEMPORARY GUIDE SIGN DETAILS



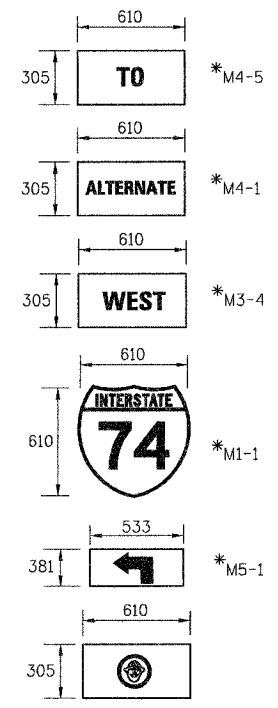
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CHECKED BY JJM
DATE 12-20-04

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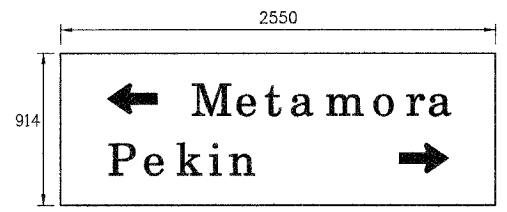
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	345
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



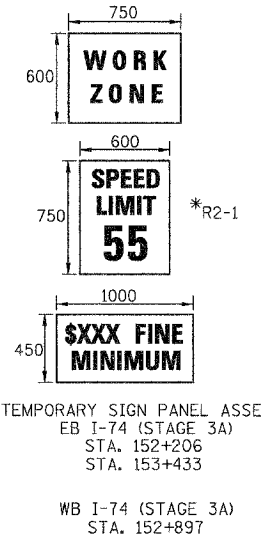
1 TEMPORARY SIGN PANEL ASSEMBLY
EB I-74 (STAGE 3A)
IN ADVANCE OF PROJECT



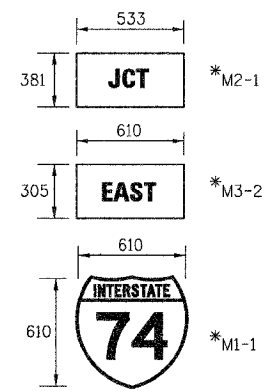
7 TEMPORARY SIGN PANEL ASSEMBLY
CAMP ST. (STAGE 3A)
STA. 2+698



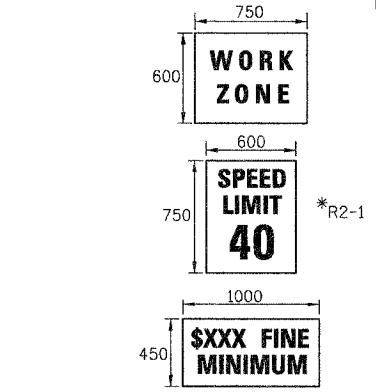
15 TEMPORARY SIGN PANEL ASSEMBLY
WB I-74 (STAGE 3B)
STA. 152+909



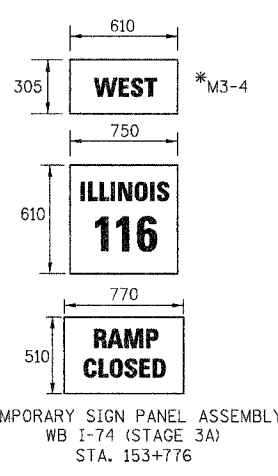
2 TEMPORARY SIGN PANEL ASSEMBLY
EB I-74 (STAGE 3A)
STA. 152+206
STA. 153+433
WB I-74 (STAGE 3A)
STA. 152+897



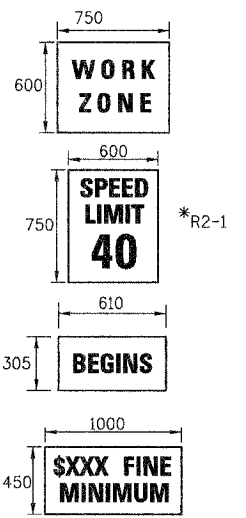
8 TEMPORARY SIGN PANEL ASSEMBLY
MAIN ST. (STAGE 3A)
STA. 2+198



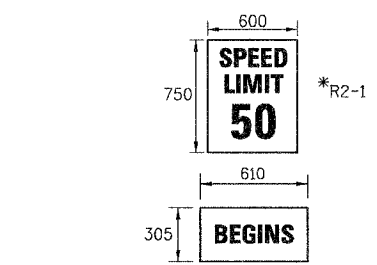
11 TEMPORARY SIGN PANEL ASSEMBLY
MAIN ST. STAGE 3A-1 (PRE-STAGE 3)
STA. 2+995
STA. 3+415
STA. 3+530
STA. 3+840



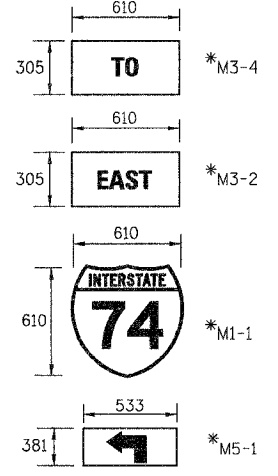
3 TEMPORARY SIGN PANEL ASSEMBLY
WB I-74 (STAGE 3A)
STA. 153+776



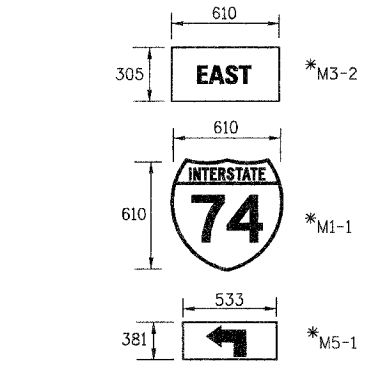
9 TEMPORARY SIGN PANEL ASSEMBLY
MAIN ST. (STAGE 3A)
STA. 2+175
MAIN ST. STAGE 3A-1 (PRE-STAGE 3)
STA. 4+278



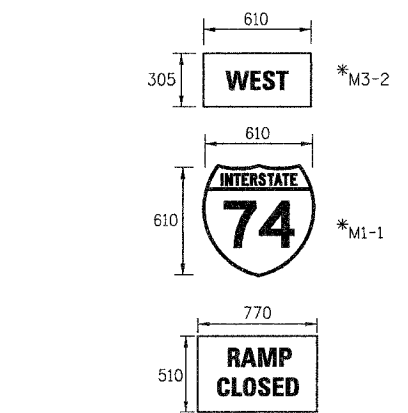
12 TEMPORARY SIGN PANEL ASSEMBLY
MAIN ST. STAGE 3A-1 (PRE-STAGE 3)
STA. 4+235



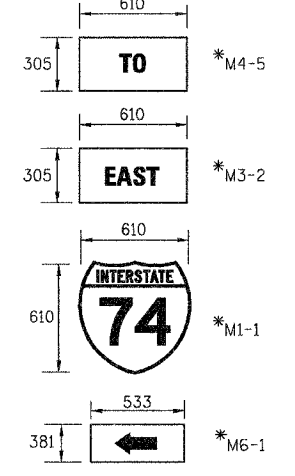
4 TEMPORARY SIGN PANEL ASSEMBLY
CAMP ST. (STAGE 3A)
STA. 2+141



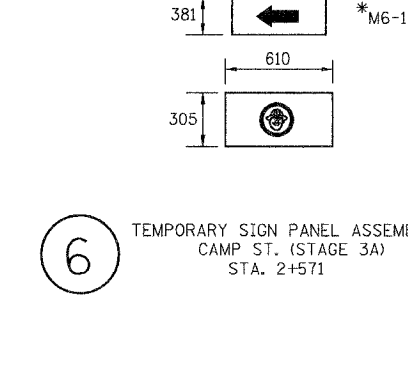
10 TEMPORARY SIGN PANEL ASSEMBLY
MAIN ST. STAGE 3A-1 (PRE-STAGE 3)
STA. 2+520



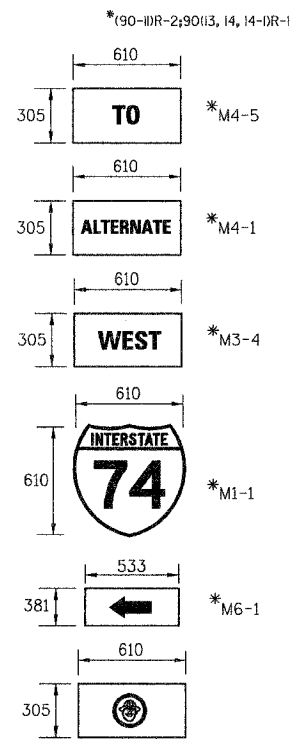
13 TEMPORARY SIGN PANEL ASSEMBLY
MAIN ST. (STAGE 3A-3)
STA. 2+605



5 TEMPORARY SIGN PANEL ASSEMBLY
CAMP ST. (STAGE 3A)
STA. 2+301



14 TEMPORARY SIGN PANEL ASSEMBLY
MAIN ST. (STAGE 3A-3)
STA. 2+605



6 TEMPORARY SIGN PANEL ASSEMBLY
CAMP ST. (STAGE 3A)
STA. 2+571

* (90-111R-2; 90113, 14, 14-11R-1)

* PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES



REVISIONS	
NAME	DATE

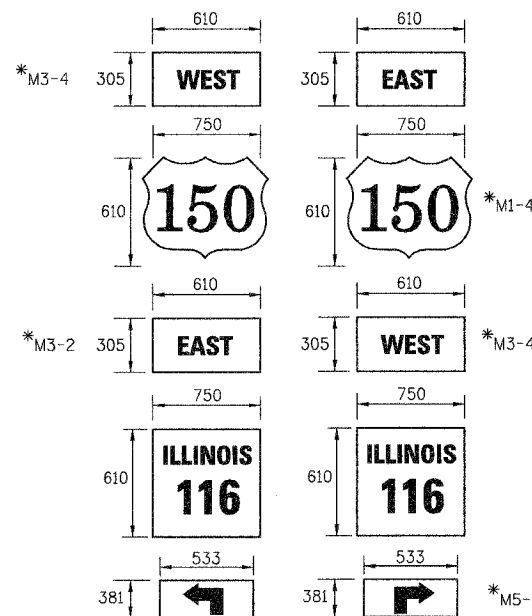
ILLINOIS DEPARTMENT OF TRANSPORTATION

TEMPORARY GUIDE SIGN DETAILS

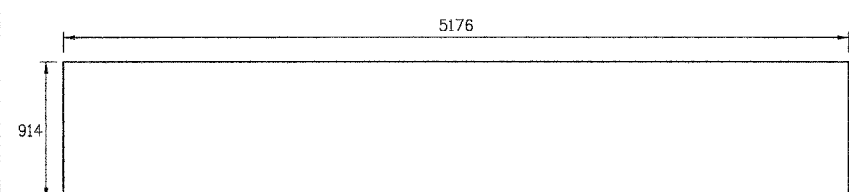
DATE 12-20-04
DRAWN BY MLS
CHECKED BY JJM

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	346
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

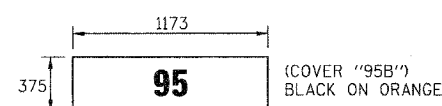
*190-IDR-2;90(13, 14, 14-IDR-1



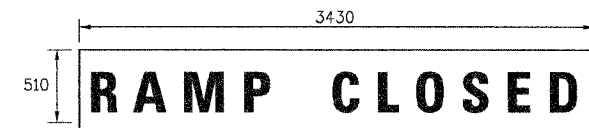
16 TEMPORARY SIGN PANEL ASSEMBLY
WB I-74 (STAGE 3B)
STA. 152+963



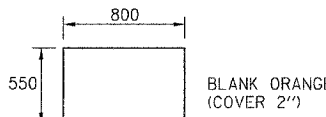
22 COMPOSITE TEMPORARY SIGN OVERLAY
WB I-74 (STAGE 3A)
STA. 152+244



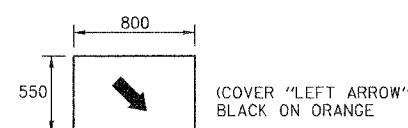
24 COMPOSITE TEMPORARY SIGN OVERLAY
WB I-74 (STAGE 3A)
STA. 153+184
STA. 153+776



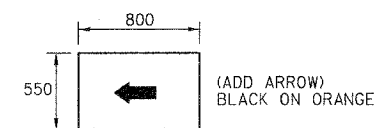
28 COMPOSITE TEMPORARY SIGN OVERLAY
WB I-74 (STAGE 3A)
STA. 153+593



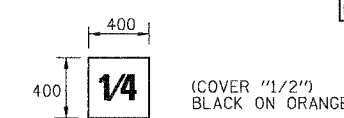
17 COMPOSITE TEMPORARY SIGN OVERLAY
EB I-74 (STAGE 3A)
STA. 152+537



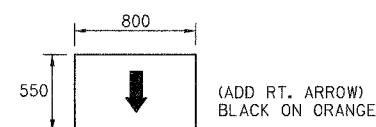
18 COMPOSITE TEMPORARY SIGN OVERLAY
EB I-74 (STAGE 3A)
STA. 152+537



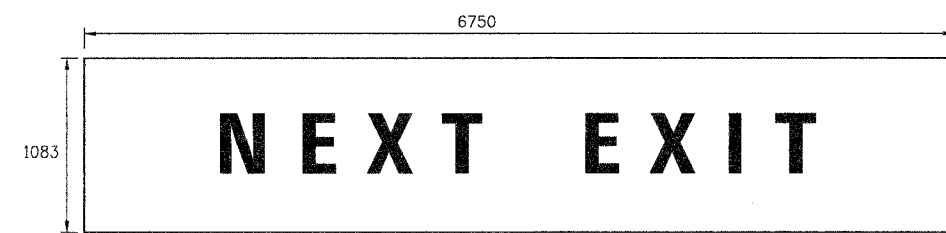
20 COMPOSITE TEMPORARY SIGN OVERLAY
WB I-74 (STAGE 3B)
STA. 153+190



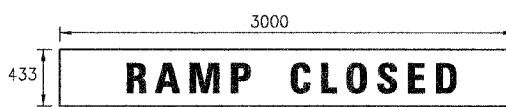
19 COMPOSITE TEMPORARY SIGN OVERLAY
EB I-74 (STAGE 3A)
STA. 152+819



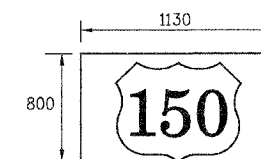
21 COMPOSITE TEMPORARY SIGN OVERLAY
EB I-74 (STAGE 3A)
STA. 153+606



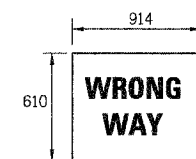
23 COMPOSITE TEMPORARY SIGN OVERLAY
WB I-74 (STAGE 3A)
STA. 152+446



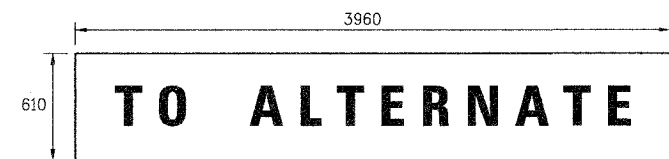
25 COMPOSITE TEMPORARY SIGN OVERLAY
MAIN ST. STAGE 3A-2)
STA. 2+363
STA. 2+587



26 COMPOSITE TEMPORARY SIGN OVERLAY
WB I-74 (STAGE 3B)
STA. 153+165



27 TEMPORARY SIGN PANEL ASSEMBLY
MAIN ST. (STAGE 3A-2)
STA. 2+464



29 COMPOSITE TEMPORARY SIGN OVERLAY
WB I-74 (STAGE 3A)
STA. 153+593

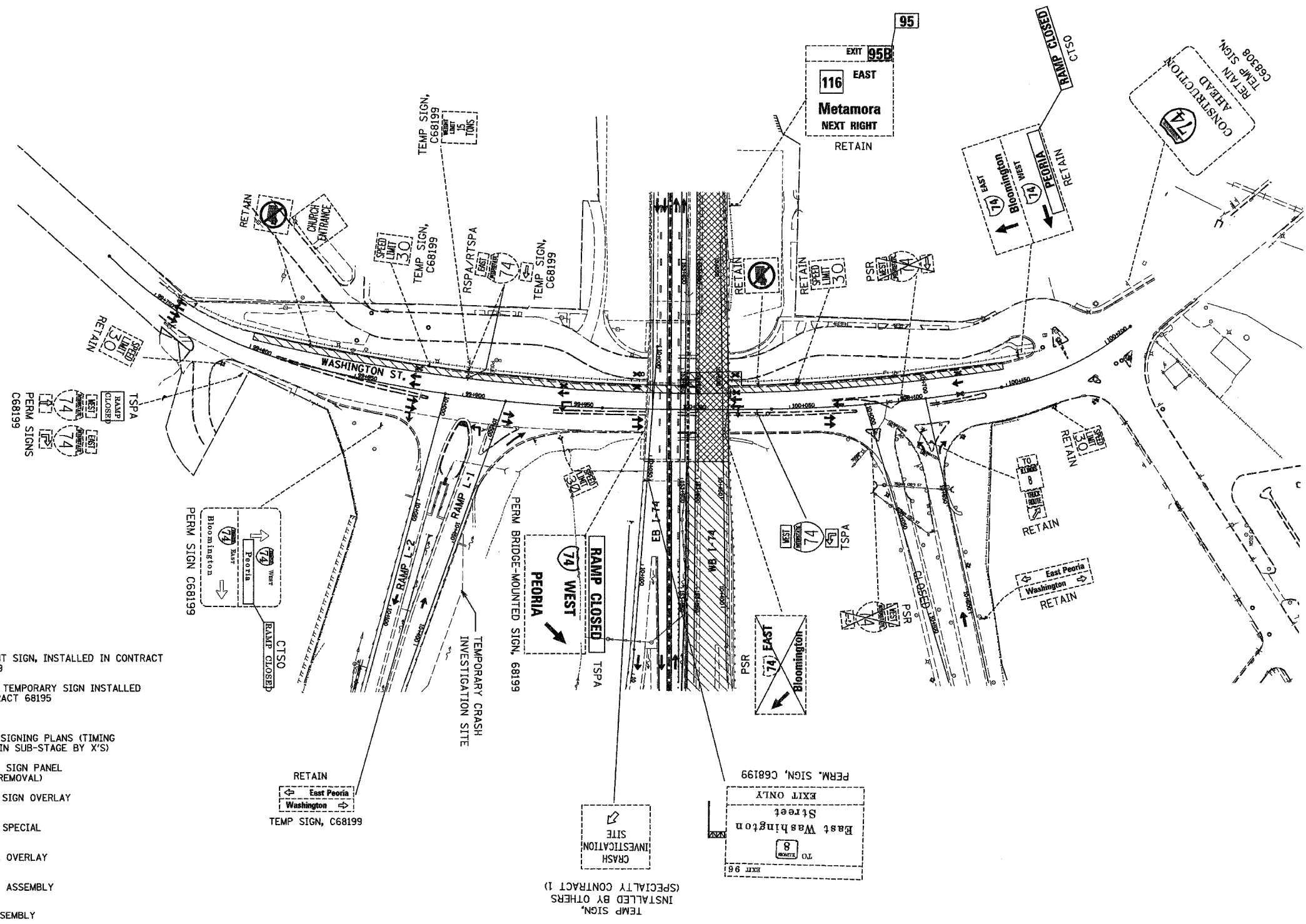
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		TEMPORARY GUIDE SIGN DETAILS

URS
URS CORPORATION
DECATUR, ILLINOIS

DATE 12-20-04
DRAWN BY MLS
CHECKED BY JJM

* PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	347
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2)90(13, 14, 14-1R-1				



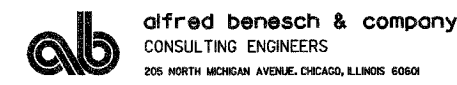
- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
 - RET - RETAIN EXISTING SIGN
 - PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY 'X'S')
 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSP0 - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
 - RELSPA - RELOCATE SIGN PANEL ASSEMBLY
 - SP - SIGN PANEL, TYPE 1, 2 OR 3 AND ASSEMBLY TYPE A OR B.
 - TC&P(SP) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, SPECIAL)
 - TC&P(IX) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)

T.I.S. SHEET 8 OF 33

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A-1
 DRAWN BY LM
 CHECKED BY DPA

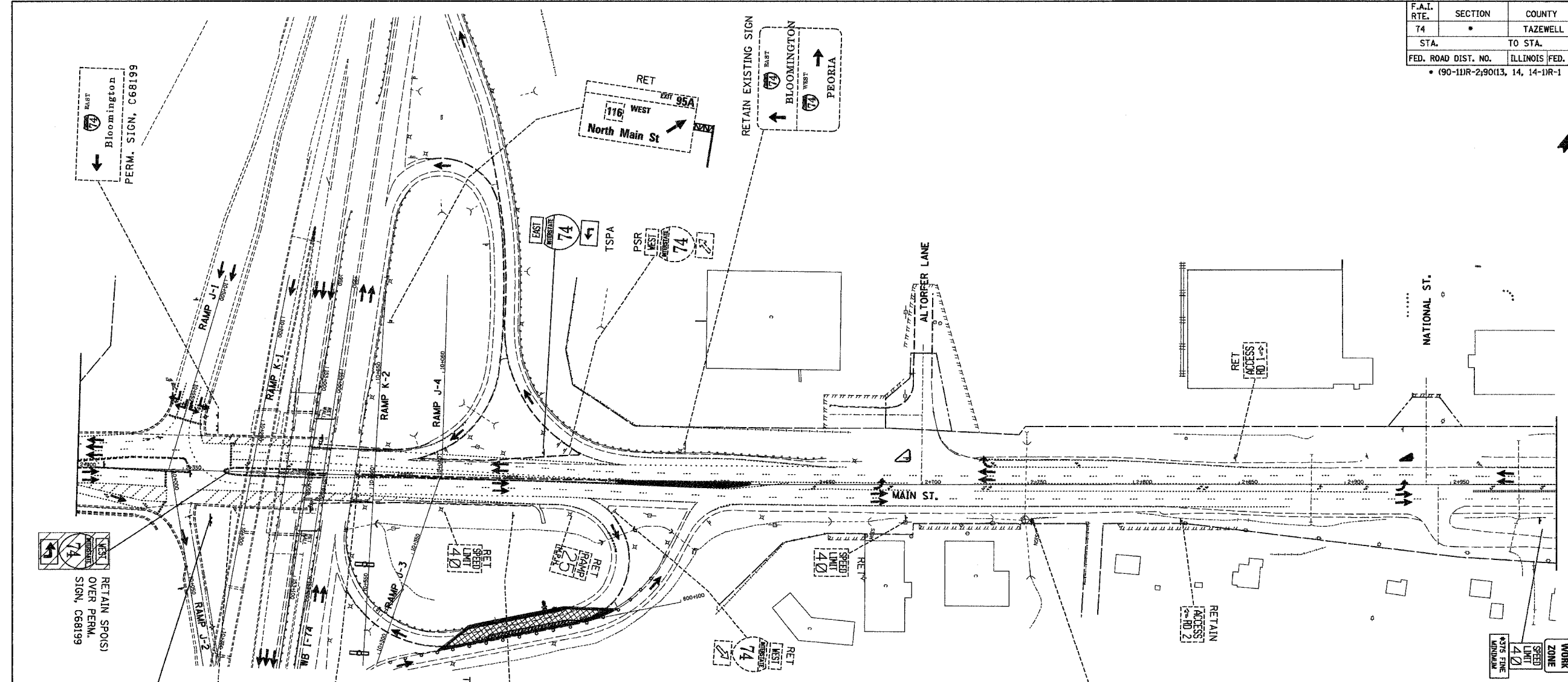
INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY



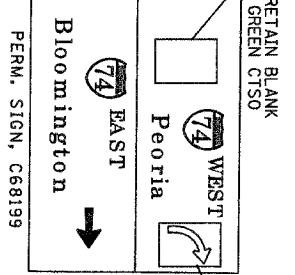
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	348
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (90-11R-2,90113, 14, 14-1R-1				



- LEGEND:**
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 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSP0 - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
 - RELSA - RELOCATE SIGN PANEL ASSEMBLY
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REVISIONS	
NAME	DATE

T.I.S. SHEET 9 OF 33

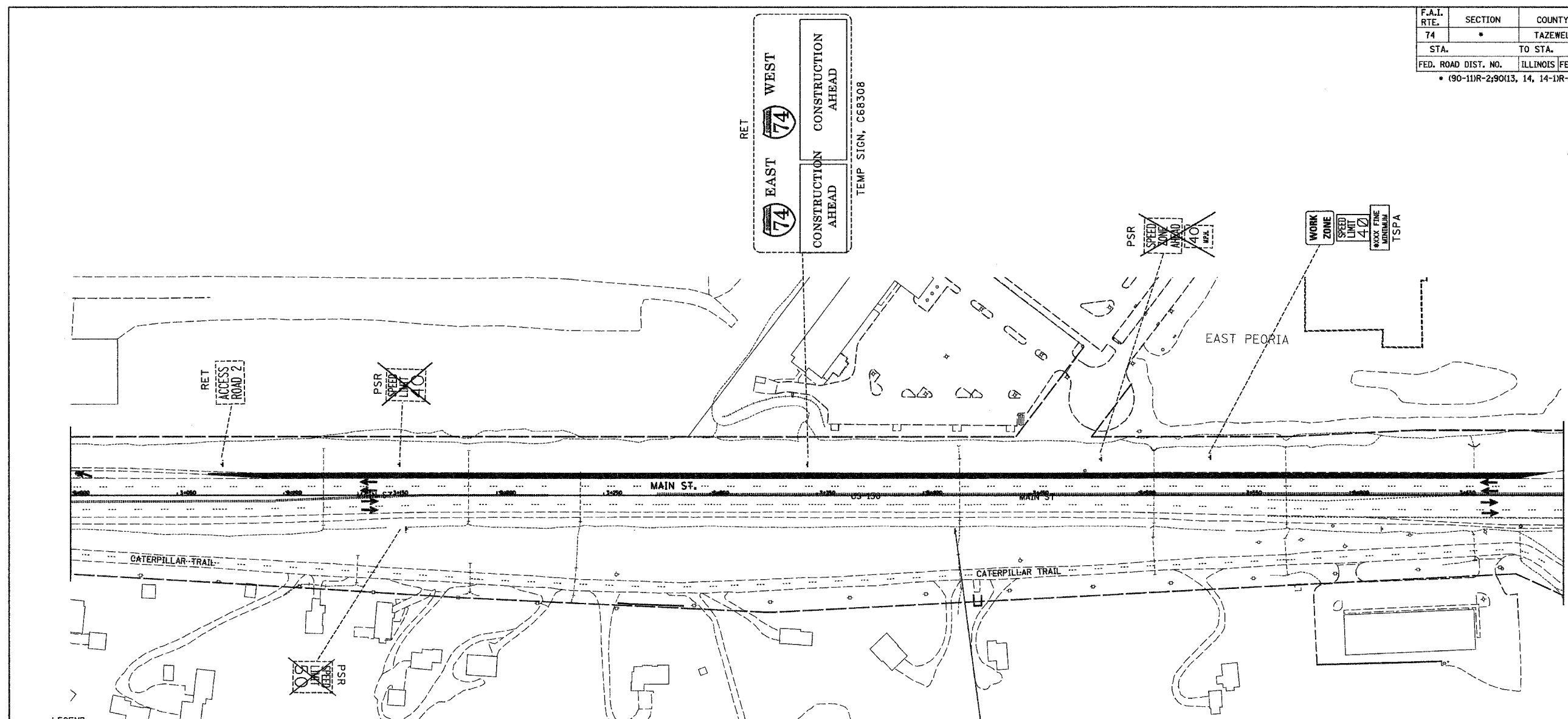
ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A-1 (PRE-STAGE 3)
 DRAWN BY LM
 CHECKED BY DPA

DATE 12-20-04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	349
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (90-111R-2)90113, 14, 14-1R-1				



LEGEND:

- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
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- TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
- TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
- RSPA - REMOVE SIGN PANEL ASSEMBLY
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- TC&(P)EX - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)

\$FILE\$
\$TIME\$
\$DATE\$

T.I.S. SHEET 10 OF 33

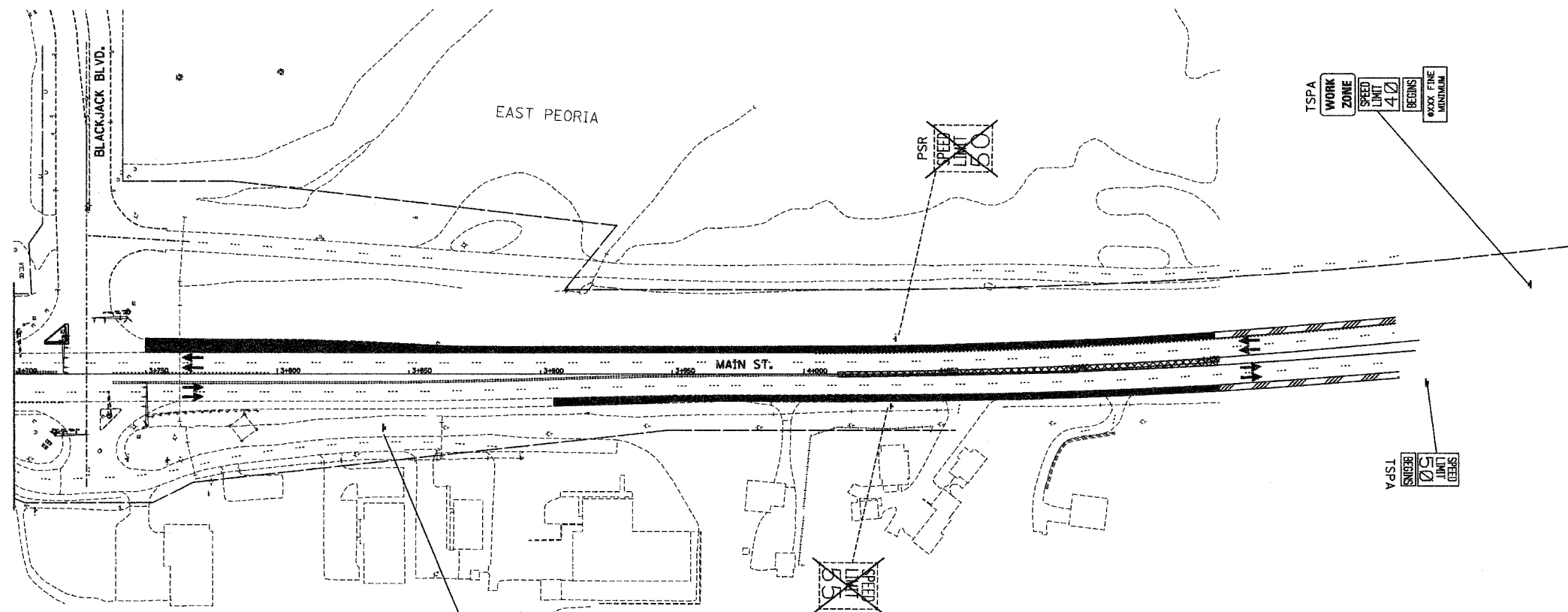
INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY



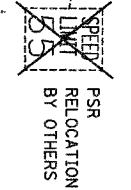
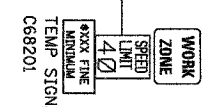
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A-1 (PRE-STAGE 3)
 DRAWN BY DJK
 CHECKED BY DPA
 DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	350
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (90-11R-2,90113, 14, 14-11R-1				



- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68197
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 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSP0 - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
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 - TC&P(EX) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)



\$FILE\$

\$TIME\$

\$DATE\$

T.I.S. SHEET 11 OF 33

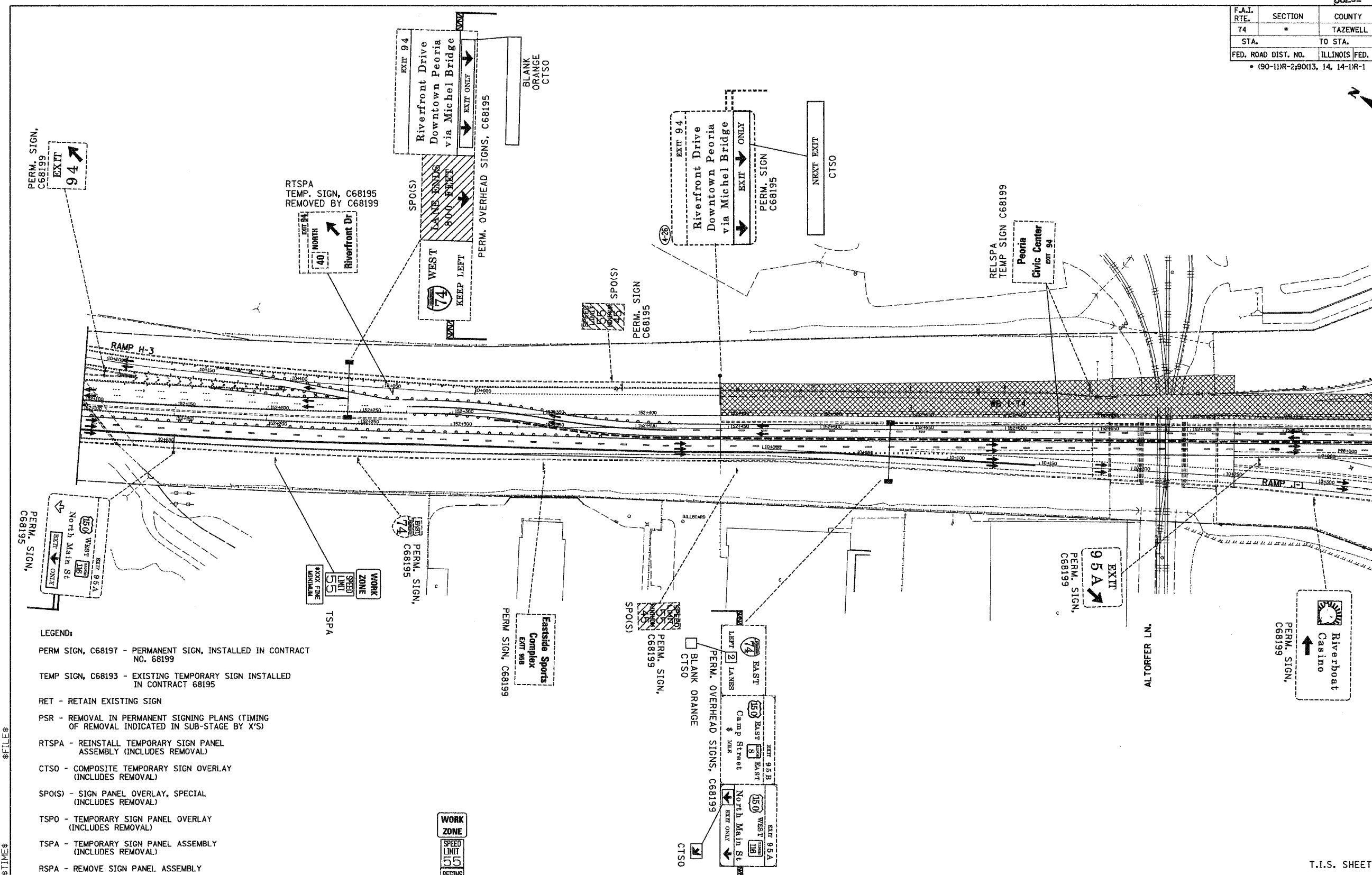
INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A-1 (PRE-STAGE 3)
 DRAWN BY DJK
 CHECKED BY DPA
 DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	351
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2)90113, 14, 14-1R-1				



- LEGEND:**
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 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
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 - TC&(EX) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)

PLACE ABOVE INITIAL SPEED CONTROL SIGNING IN ADVANCE OF PROJECT PER HIGHWAY STANDARDS 701416 AND 701400



T.I.S. SHEET 12 OF 33

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONCEPTUAL TEMPORARY INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A
 DRAWN BY LM
 CHECKED BY DPA
 DATE 12-20-04

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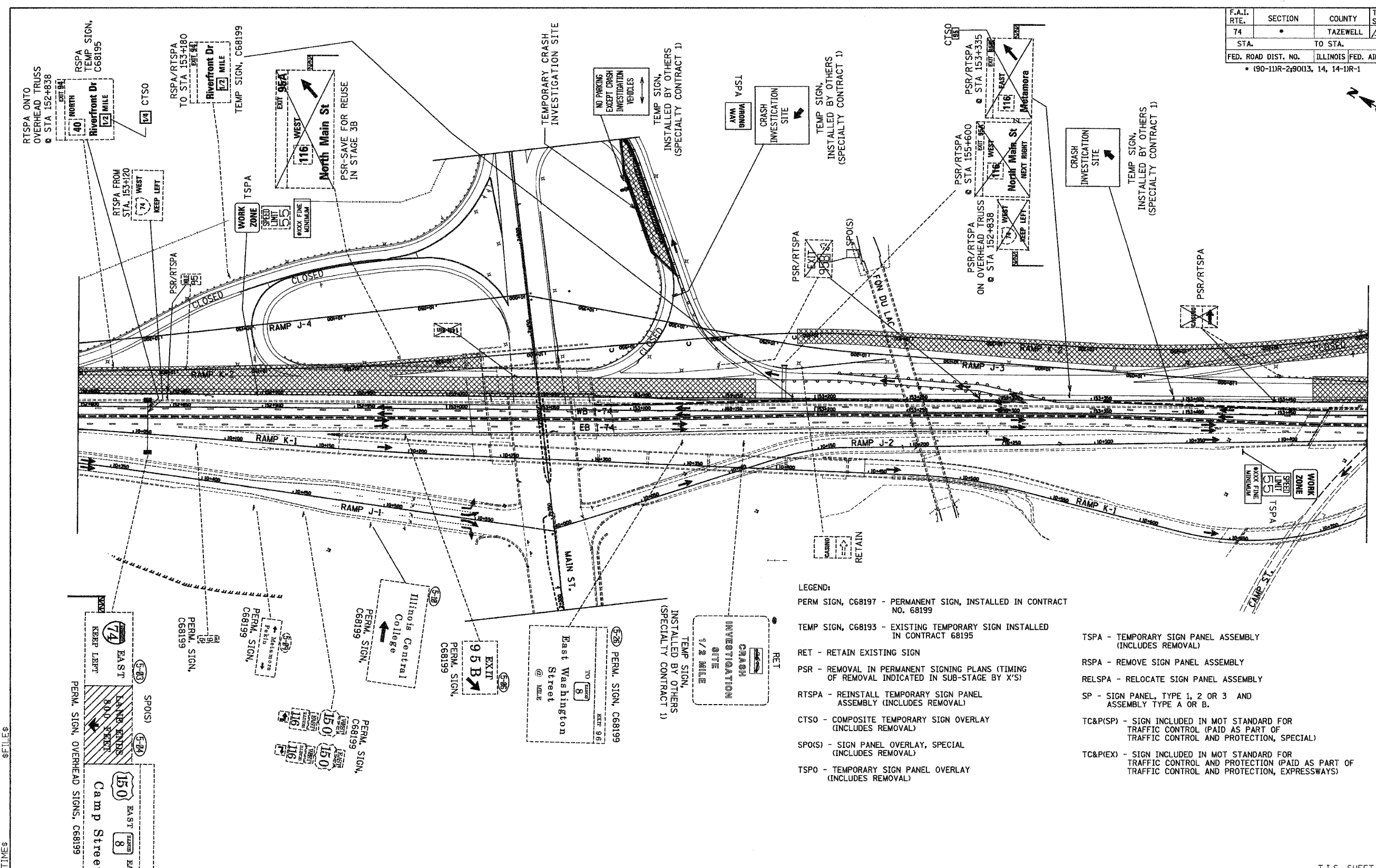


alfred benesch & company
 CONSULTING ENGINEERS
 205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	352
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2)9013, 14, 14-1R-1				



- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
 - RET - RETAIN EXISTING SIGN
 - PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY X'S)
 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSP(O) - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
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\$FILES \$TIMES \$DATES

T.I.S. SHEET 13 OF 33



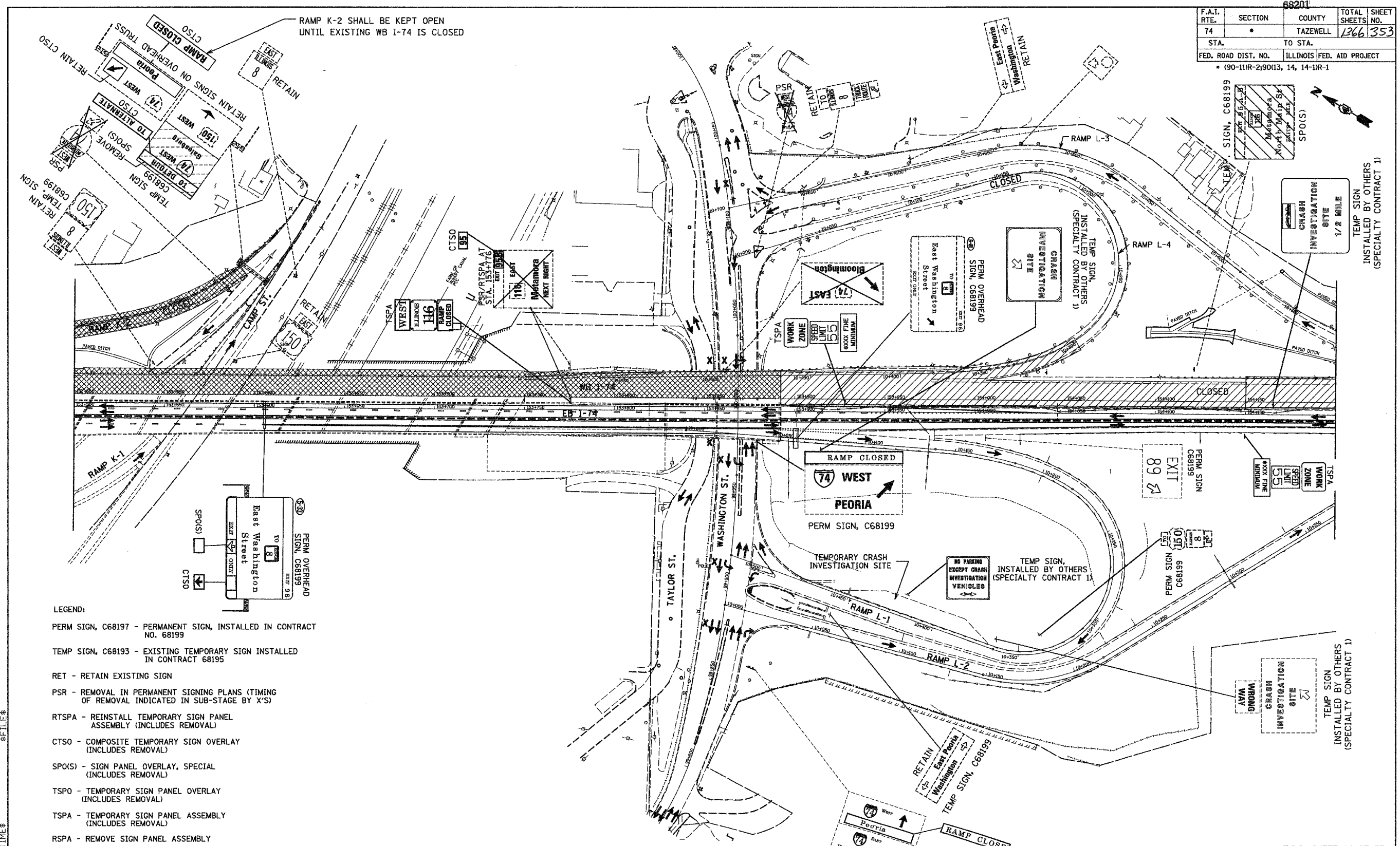
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A
 DRAWN BY LM
 CHECKED BY DPA
 DATE 12-20-04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	353
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (90-111R-2;90113, 14, 14-1R-1				



- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
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 - CTS0 - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
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\$TIME:\$
\$DATE:\$



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CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

REVISIONS	
NAME	DATE

T.I.S. SHEET 14 OF 33

ILLINOIS DEPARTMENT OF TRANSPORTATION

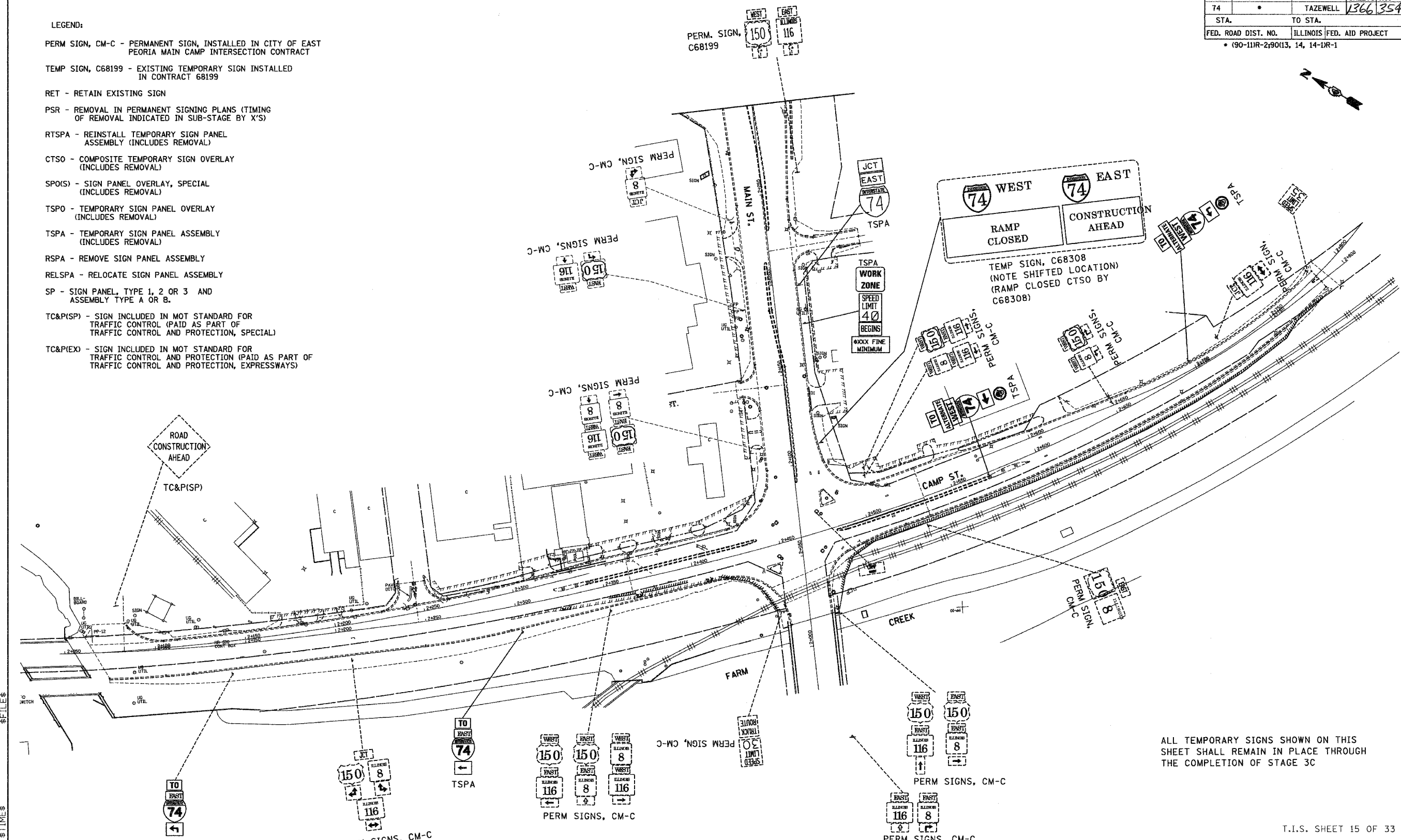
CONCEPTUAL TEMPORARY
INFORMATION SIGNING PLAN
CONTRACT 68201
STAGE 3A

DRAWN BY DJK
CHECKED BY DPA

DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	354
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-111R-2)90113, 14, 14-1R-1				

- LEGEND:**
- PERM SIGN, CM-C - PERMANENT SIGN, INSTALLED IN CITY OF EAST PEORIA MAIN CAMP INTERSECTION CONTRACT
 - TEMP SIGN, C68199 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68199
 - RET - RETAIN EXISTING SIGN
 - PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY 'X'S')
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ALL TEMPORARY SIGNS SHOWN ON THIS SHEET SHALL REMAIN IN PLACE THROUGH THE COMPLETION OF STAGE 3C

T.I.S. SHEET 15 OF 33

REVISIONS	
NAME	DATE

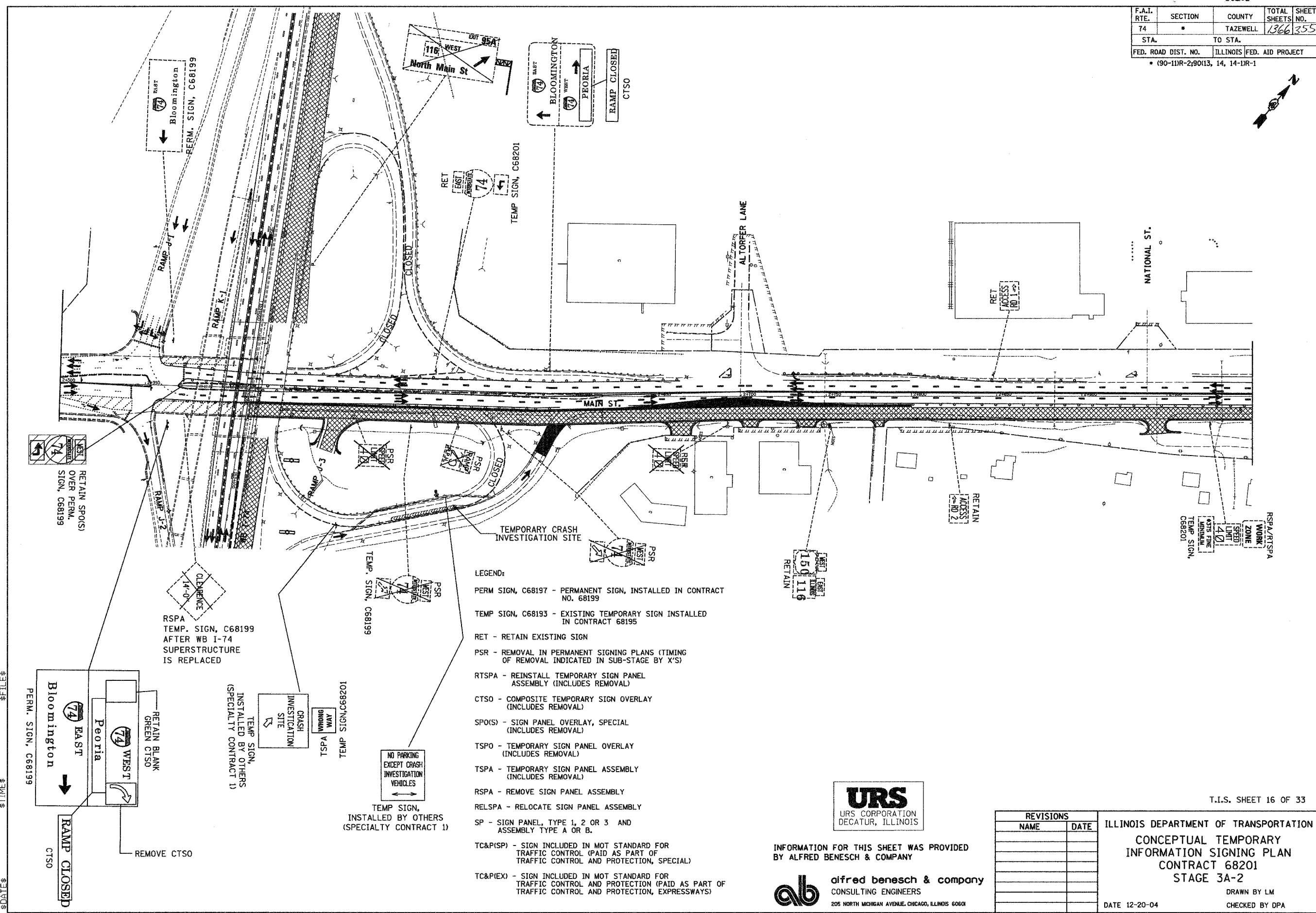
ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A
 DRAWN BY DJK
 CHECKED BY DPA
 DATE 12-20-04

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 \$TIME\$
 \$DATE\$

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	355
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (90-11R-2;90113, 14, 14-1R-1				



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NAME	DATE

T.I.S. SHEET 16 OF 33

ILLINOIS DEPARTMENT OF TRANSPORTATION

CONCEPTUAL TEMPORARY INFORMATION SIGNING PLAN

CONTRACT 68201

STAGE 3A-2

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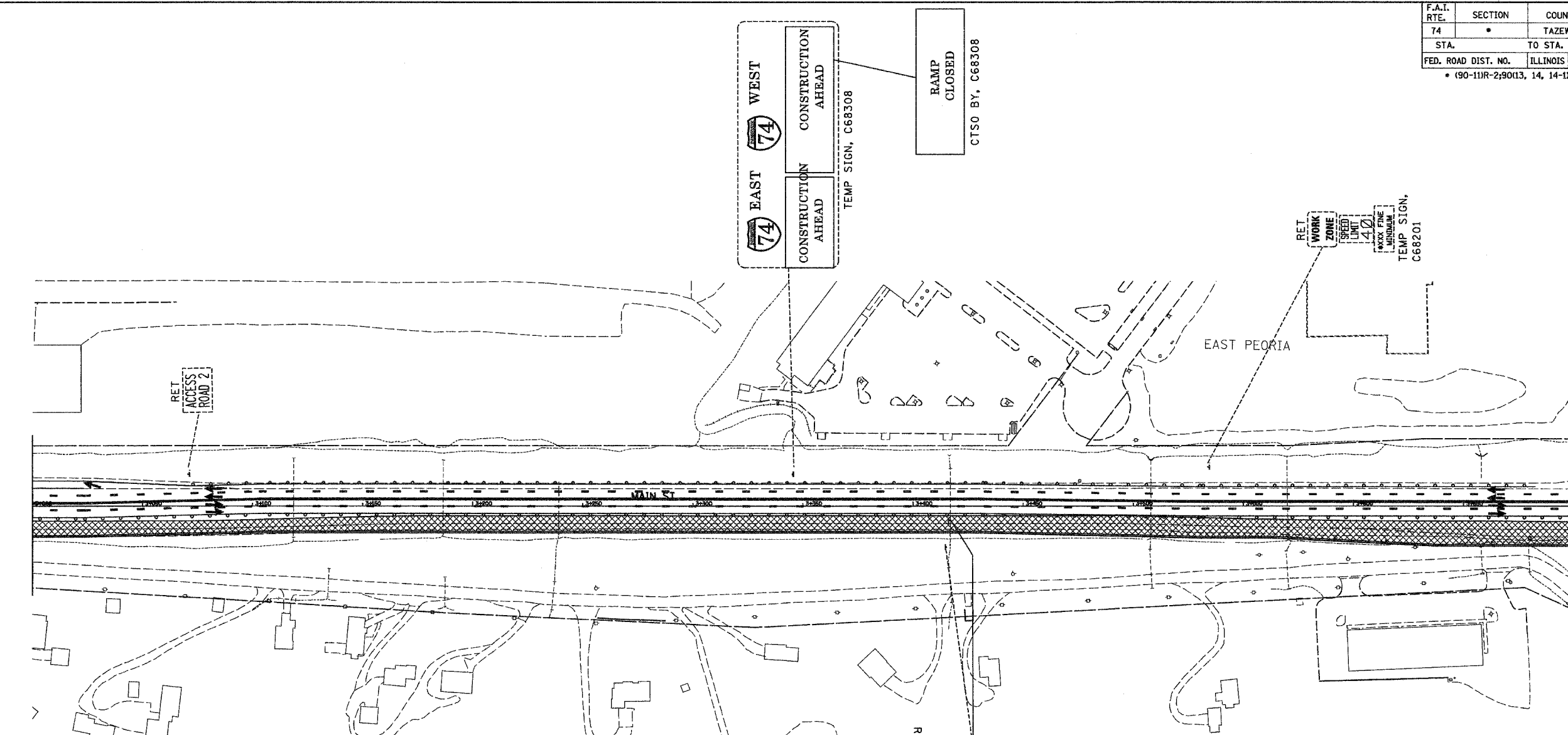
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DATE 12-20-04

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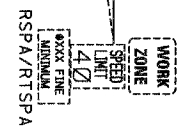
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	356
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
• (90-111R-2,90113, 14, 14-11R-1				



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ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A-2
 DRAWN BY DJK
 CHECKED BY DPA
 DATE 12-20-04

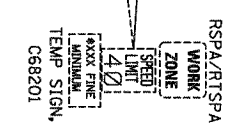
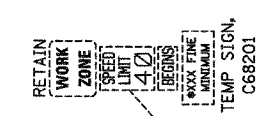
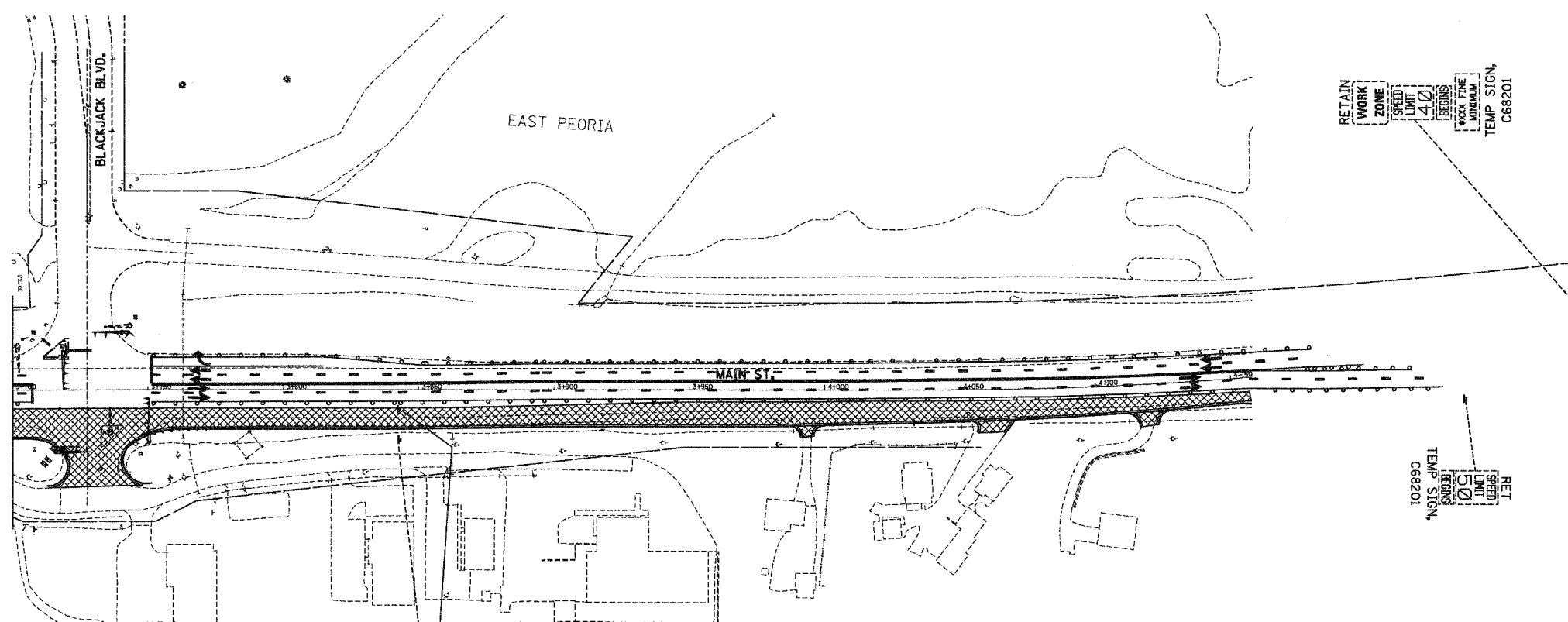
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\$DATE\$

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	357
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2,9013, 14, 14-1R-1)				



LEGEND:

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T.I.S. SHEET 18 OF 33

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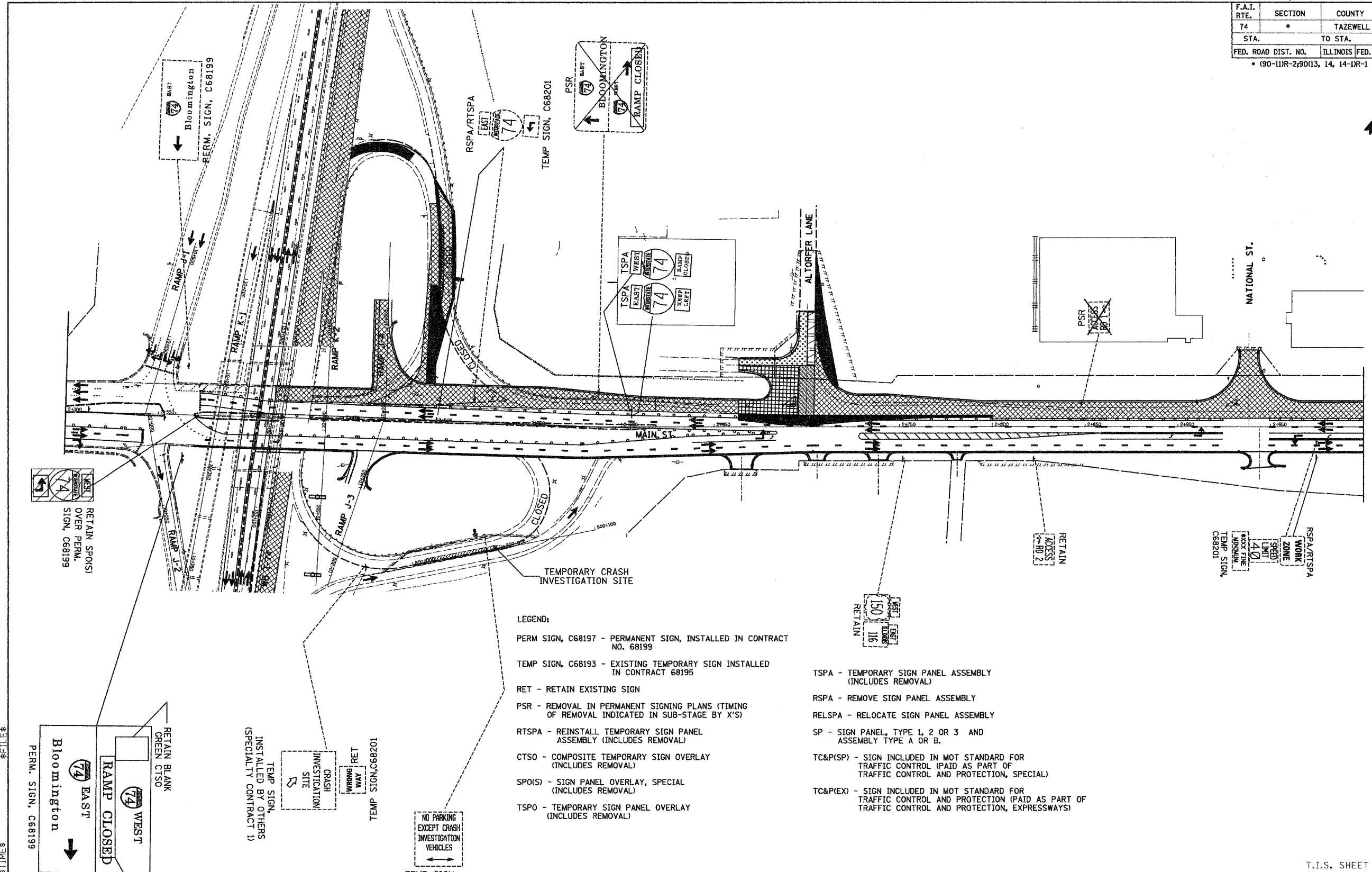


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A-2

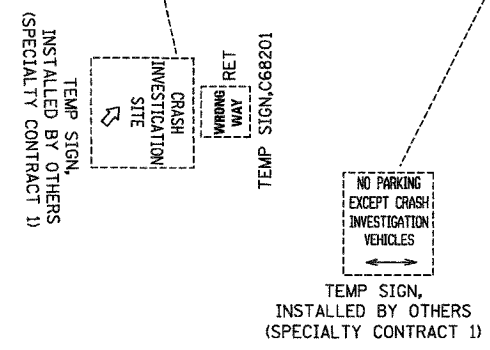
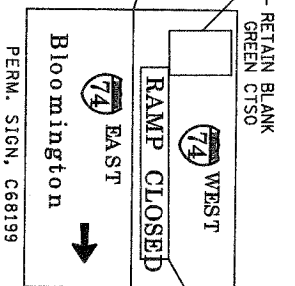
DATE 12-20-04
 DRAWN BY DJK
 CHECKED BY DPA

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	358
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2,90113, 14, 14-1R-1)				



LEGEND:

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\$DATE\$ \$TIME\$ \$FILE\$



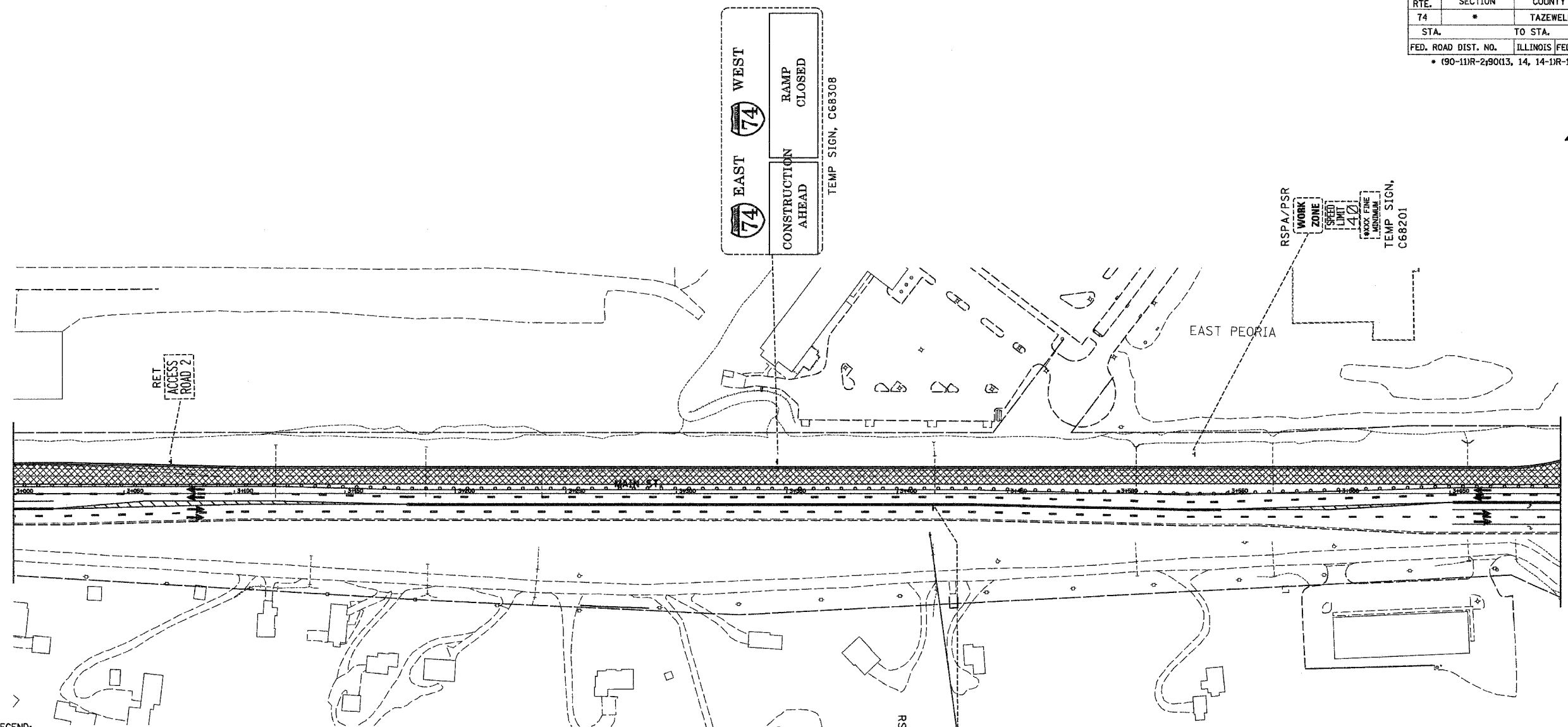
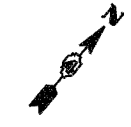
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CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

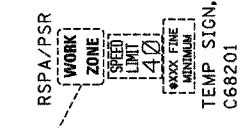
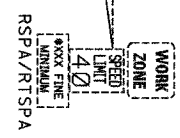
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONCEPTUAL TEMPORARY
INFORMATION SIGNING PLAN
CONTRACT 68201
STAGE 3A-3
DRAWN BY LM
CHECKED BY DPA
DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	359
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2)9013, 14, 14-1R-1				



- LEGEND:
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T.I.S. SHEET 20 OF 33



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NAME	DATE

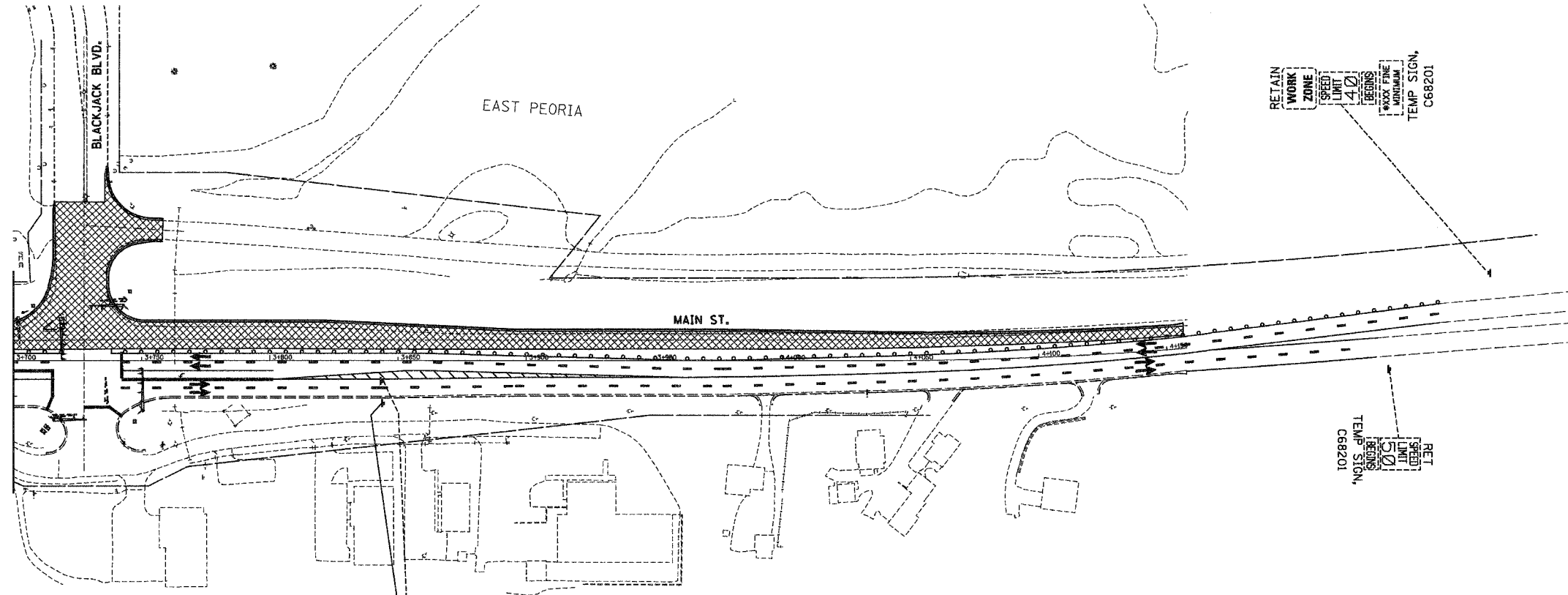
ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A-3

DATE 12-20-04
 DRAWN BY DJK
 CHECKED BY DPA

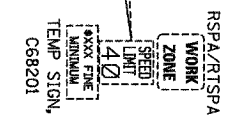
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	360
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (90-11R-2)9013, 14, 14-1R-1				



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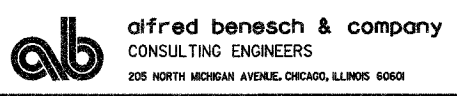


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T.I.S. SHEET 21 OF 33



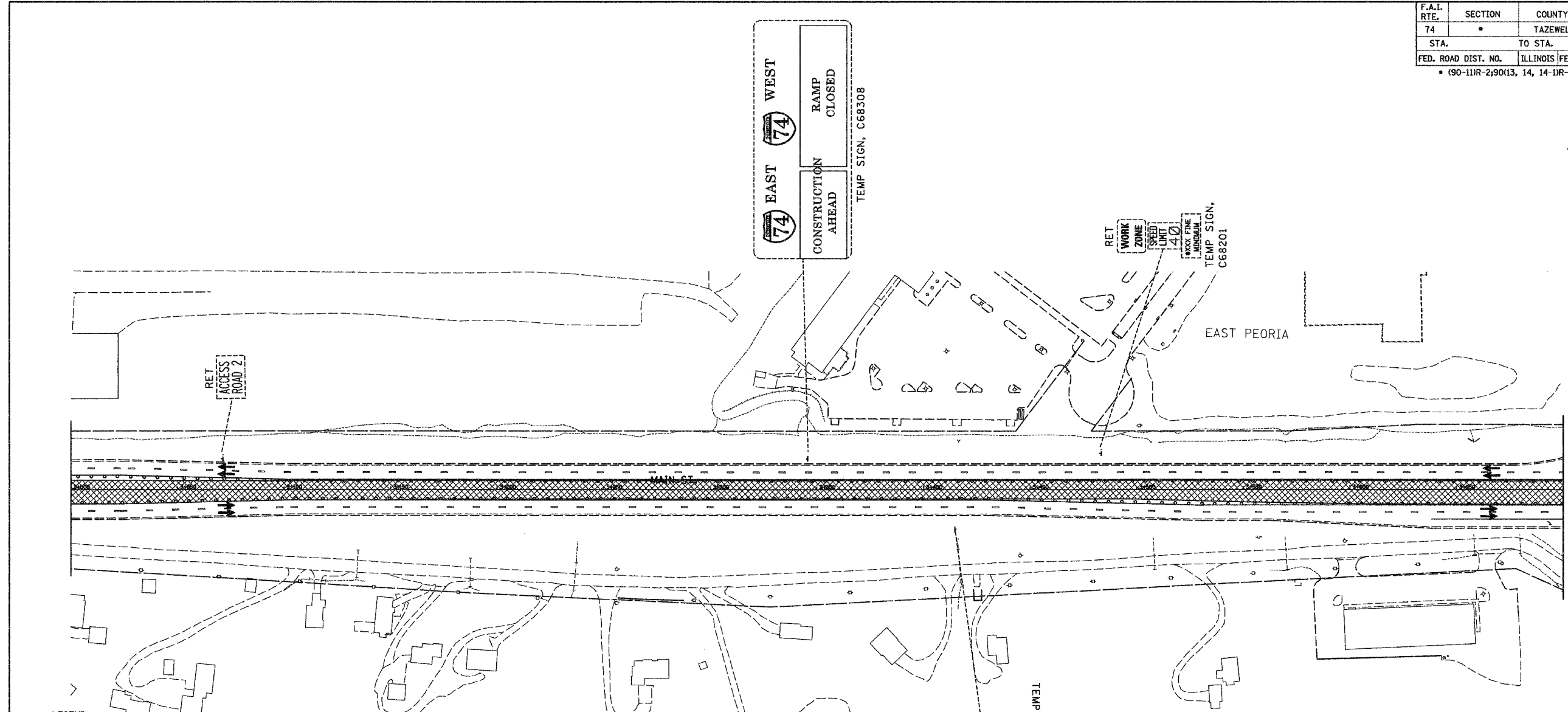
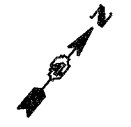
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONCEPTUAL TEMPORARY INFORMATION SIGNING PLAN
CONTRACT 68201
STAGE 3A-3
 DRAWN BY DJK
 CHECKED BY DPA
 DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	362
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		• (90-11R-2,90113, 14, 14-1R-1		



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- TC&P(IX) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)

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\$DATE\$

T.I.S. SHEET 23 OF 33



INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY

ab **alfred benesch & company**
CONSULTING ENGINEERS
205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601

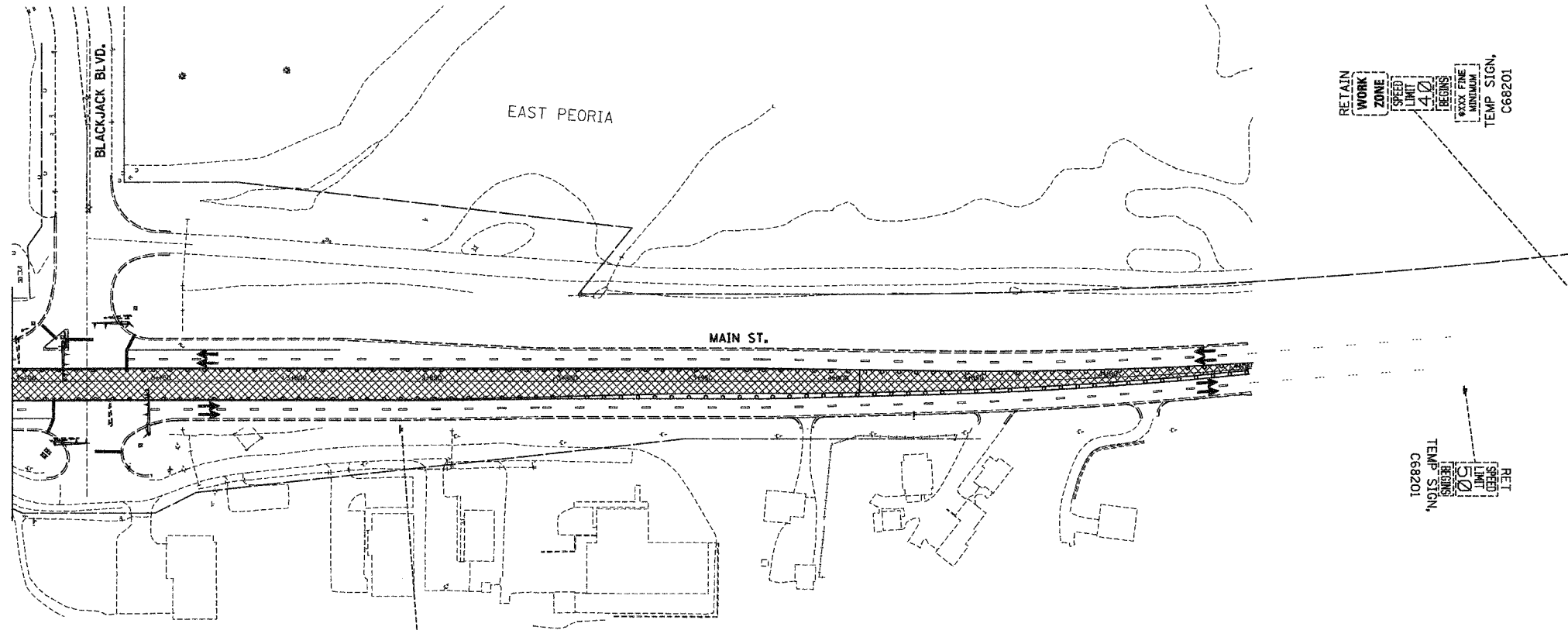
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
CONCEPTUAL TEMPORARY
INFORMATION SIGNING PLAN
CONTRACT 68201
STAGE 3A-4

DRAWN BY DJK
CHECKED BY DPA

DATE 12-20-04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	363
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2,90113, 14, 14-1R-1				



LEGEND:

- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68197
- TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68193
- RET - RETAIN EXISTING SIGN
- PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY X'S)
- RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
- CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
- SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
- TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
- TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
- RSPA - REMOVE SIGN PANEL ASSEMBLY
- RELSPA - RELOCATE SIGN PANEL ASSEMBLY
- SP - SIGN PANEL, TYPE 1, 2 OR 3 AND ASSEMBLY TYPE A OR B.
- TC&P(SP) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, SPECIAL)
- TC&P(IE)X - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)



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T.I.S. SHEET 24 OF 33

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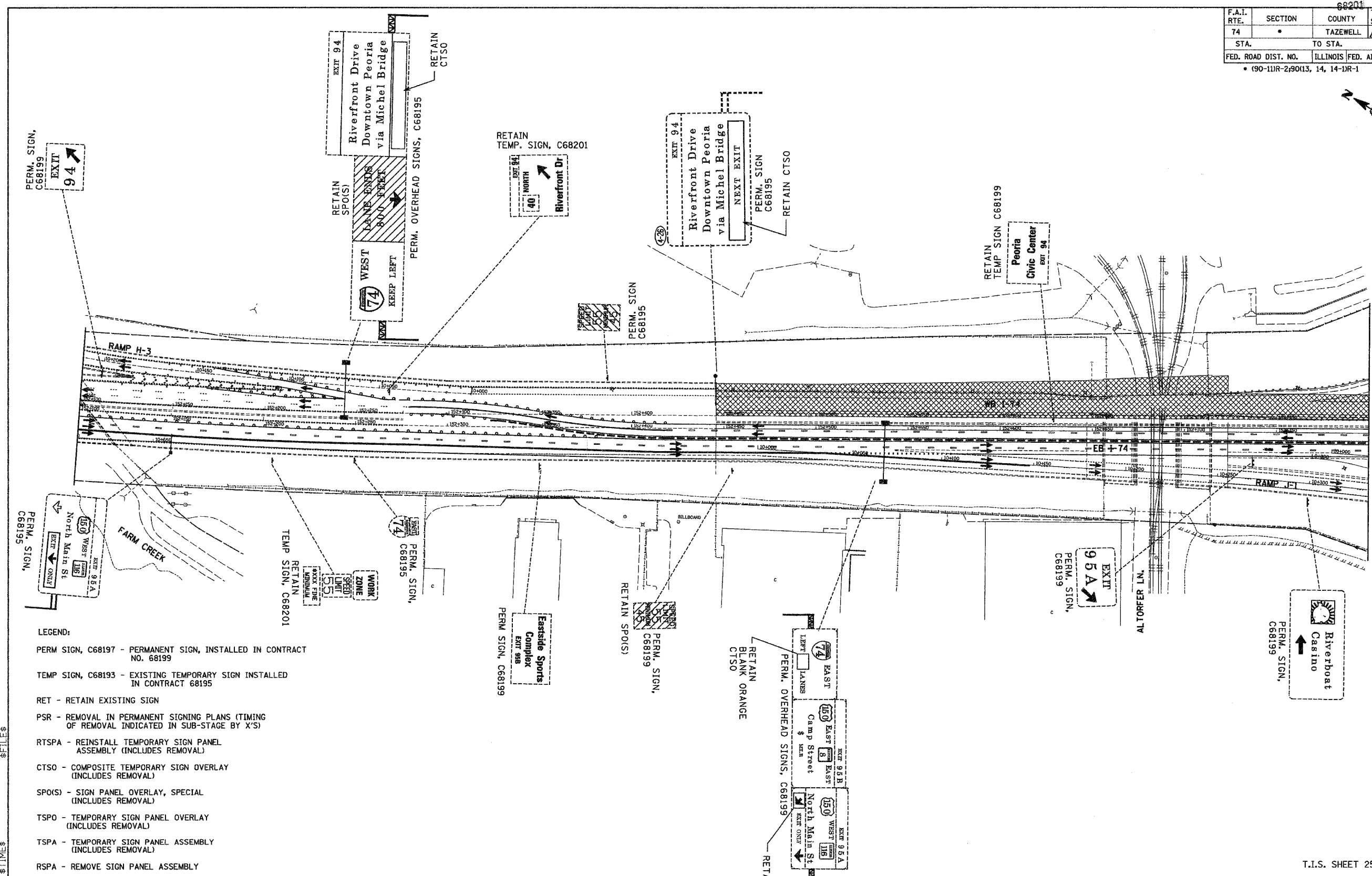


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3A-4

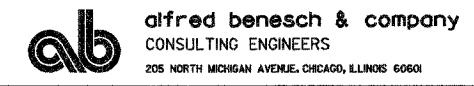
DATE 12-20-04
 DRAWN BY DJK
 CHECKED BY DPA

68201		TOTAL SHEETS	364
F.A.I. RTE.	SECTION	COUNTY	SHEET NO.
74	*	TAZEWELL	1366
STA.		TO STA.	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	
• (90-111R-2,90113, 14, 14-1R-1)			



- LEGEND:**
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
 - RET - RETAIN EXISTING SIGN
 - PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY X'S)
 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPD - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
 - RELSPA - RELOCATE SIGN PANEL ASSEMBLY
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 - TC&P(IX) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)

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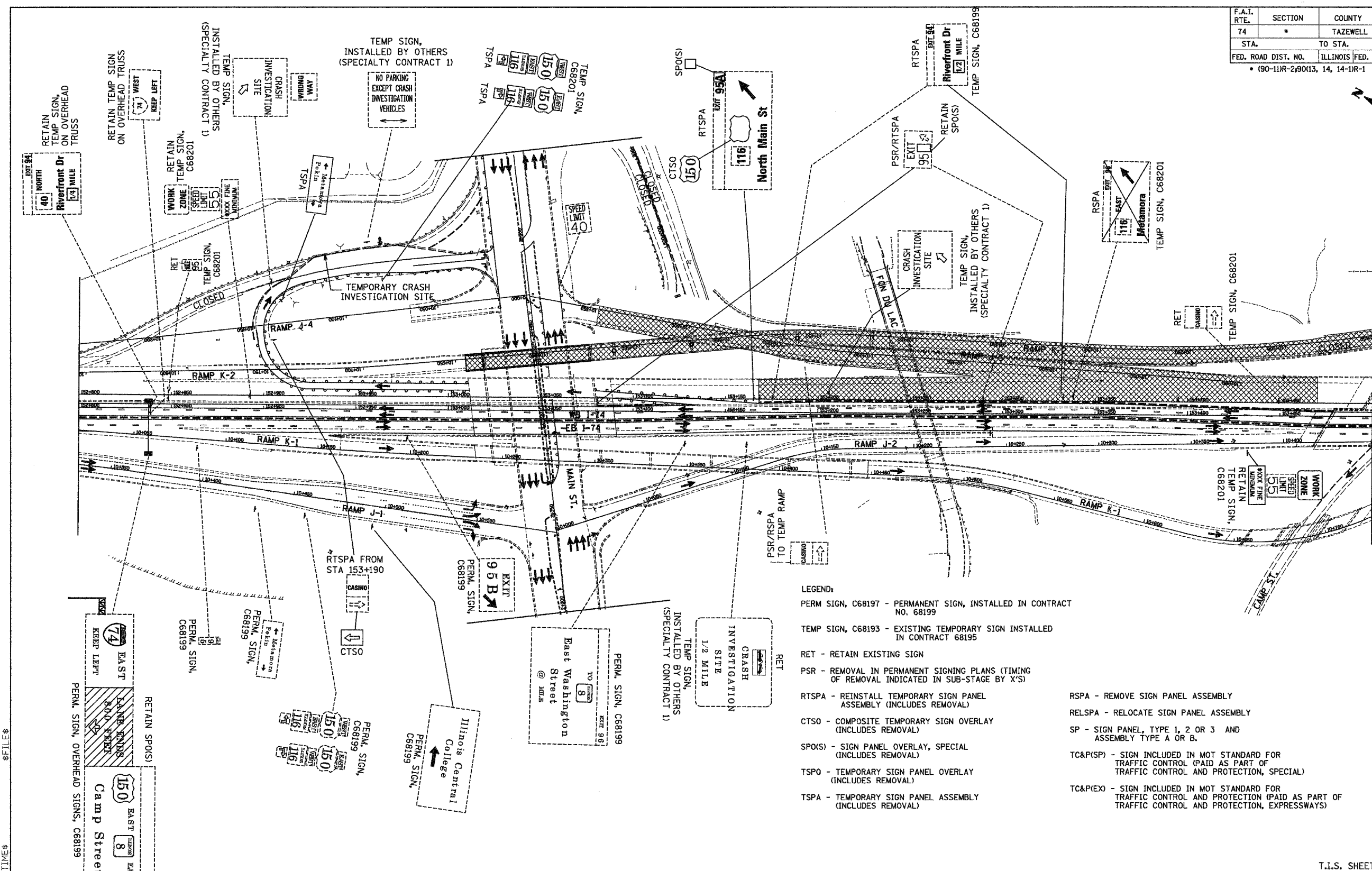
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3B**
 DRAWN BY LM
 CHECKED BY DPA
 DATE 12-20-04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	365
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2)90(13, 14, 14-1R-1				



- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
 - RET - RETAIN EXISTING SIGN
 - PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY 'S')
 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
 - RELSPA - RELOCATE SIGN PANEL ASSEMBLY
 - SP - SIGN PANEL, TYPE 1, 2 OR 3 AND ASSEMBLY TYPE A OR B.
 - TC&P(SP) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, SPECIAL)
 - TC&P(EX) - SIGN INCLUDED IN MOT STANDARD FOR TRAFFIC CONTROL AND PROTECTION (PAID AS PART OF TRAFFIC CONTROL AND PROTECTION, EXPRESSWAYS)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3B
 DRAWN BY LM
 CHECKED BY DPA

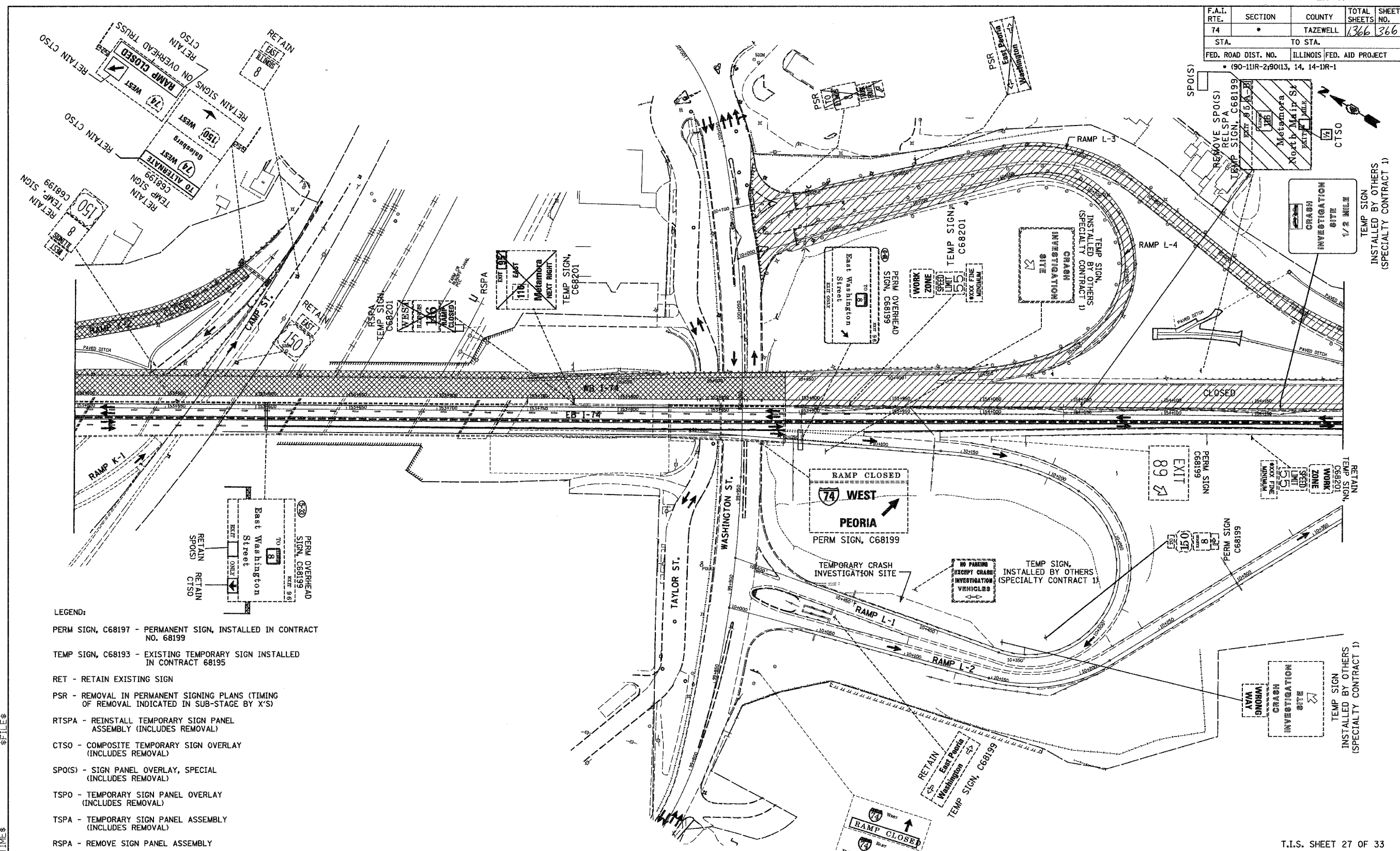
INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	366
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-111R-2)90113, 14, 14-1R-1				



- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
 - RET - RETAIN EXISTING SIGN
 - PSR - REMOVAL IN PERMANENT SIGNING PLANS (TIMING OF REMOVAL INDICATED IN SUB-STAGE BY X'S)
 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTS0 - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
 - RELSPA - RELOCATE SIGN PANEL ASSEMBLY
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T.I.S. SHEET 27 OF 33

REVISIONS	
NAME	DATE

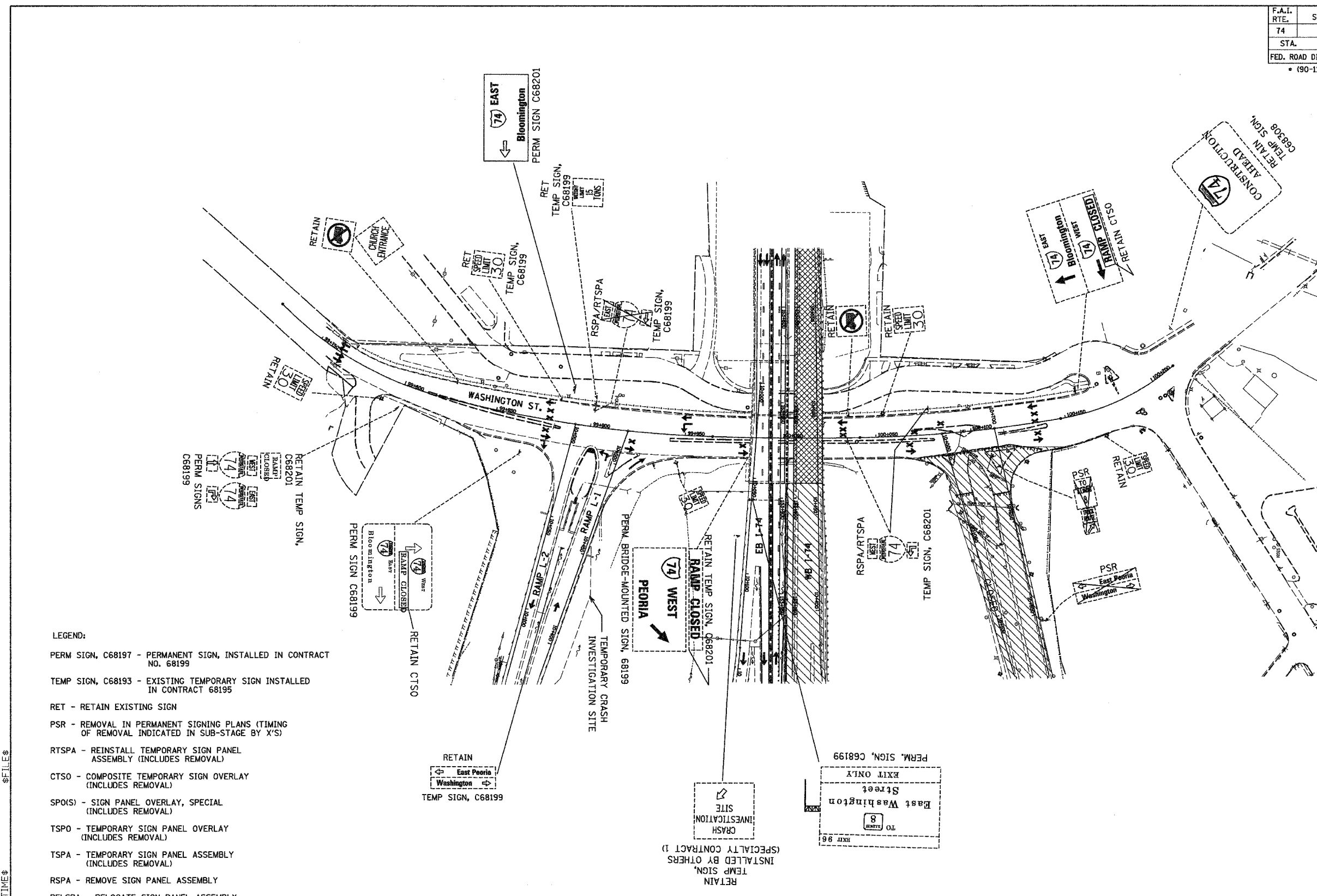
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ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3B
 DRAWN BY DJK
 CHECKED BY DPA
 DATE 12-20-04

\$DATE\$ \$TIME\$ \$FILE\$

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		TAZEWELL	1366	367
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (90-11R-2)9013, 14, 14-1R-1				

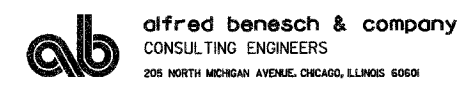


- LEGEND:
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
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 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSP0 - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
 - RSPA - REMOVE SIGN PANEL ASSEMBLY
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T.I.S. SHEET 28 OF 33

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		CONCEPTUAL TEMPORARY SIGNING PLAN CONTRACT 68201 STAGE 3B-1 DRAWN BY LM CHECKED BY DPA

INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY

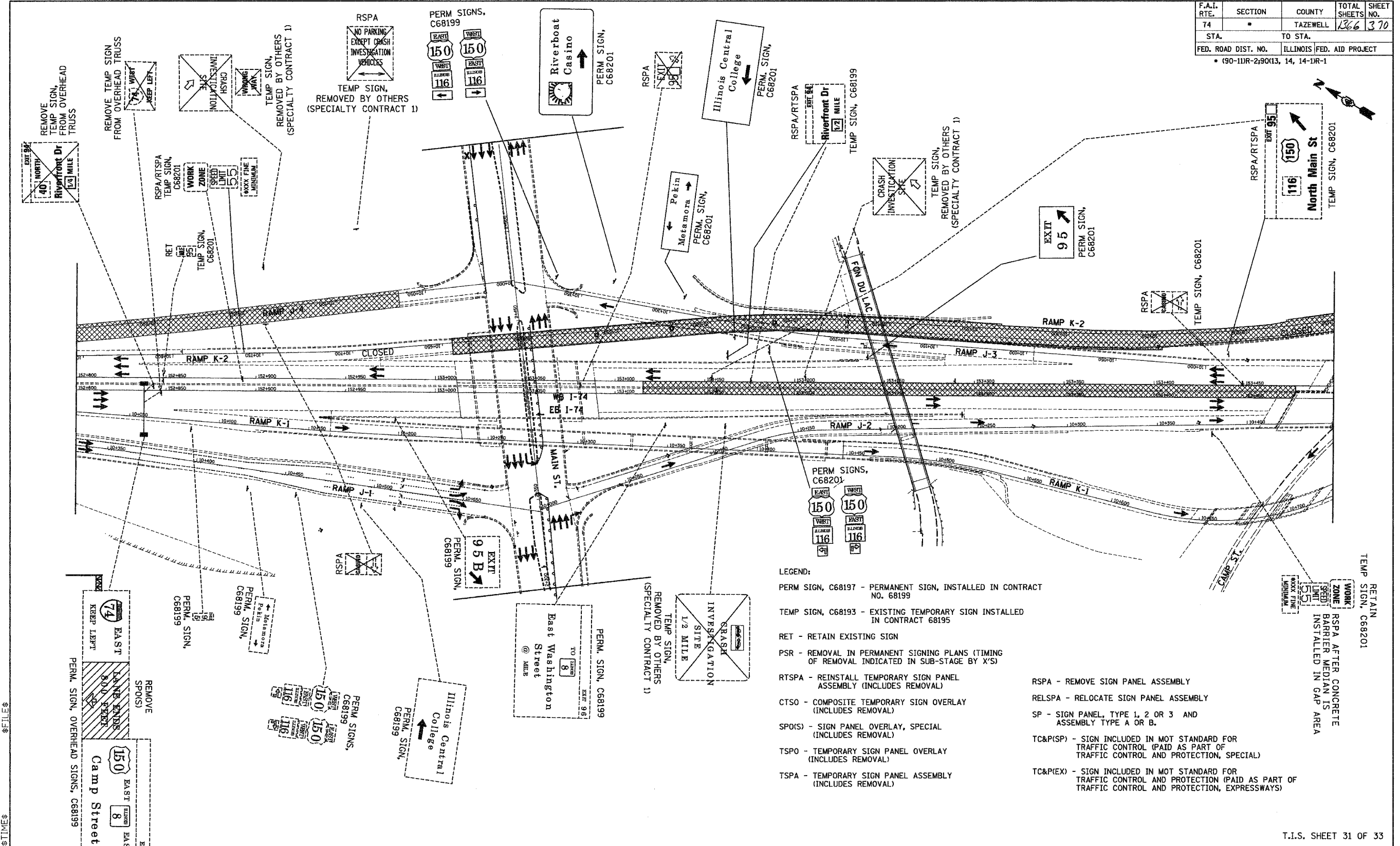


DATE 12-20-04

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	370
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2;90113, 14, 14-1R-1)				



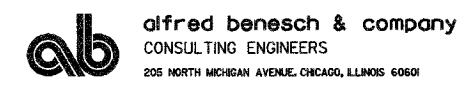
- LEGEND:**
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
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 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
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 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
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T.I.S. SHEET 31 OF 33

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3C**
 DRAWN BY LM
 CHECKED BY DPA

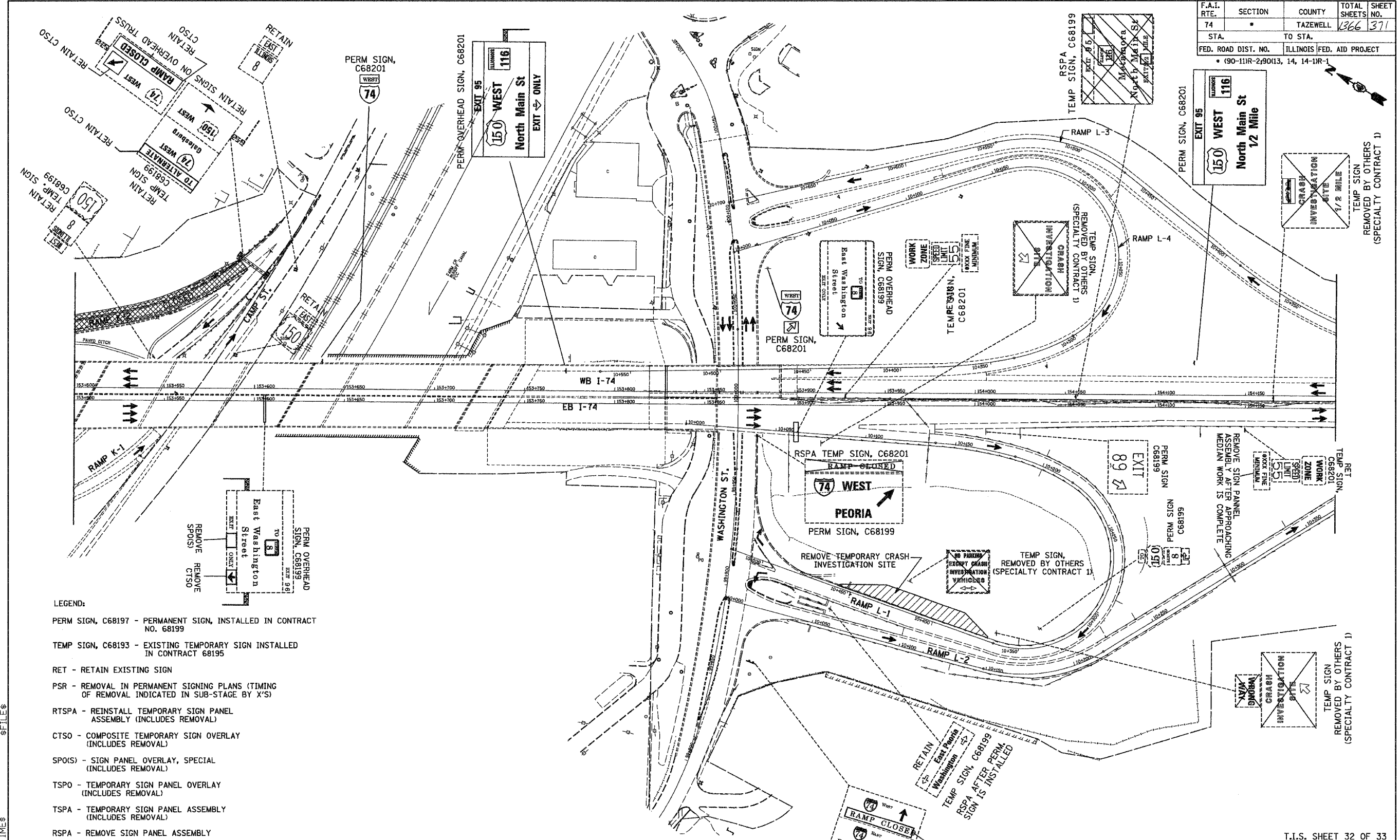
INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	371
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
* (90-11R-2,90113, 14, 14-1R-1)				



- LEGEND:**
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
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 - CTSO - COMPOSITE TEMPORARY SIGN OVERLAY (INCLUDES REMOVAL)
 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
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REVISIONS	
NAME	DATE

T.I.S. SHEET 32 OF 33

ILLINOIS DEPARTMENT OF TRANSPORTATION
**CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN**
 CONTRACT 68201
 STAGE 3C
 DRAWN BY DJK
 CHECKED BY DPA

DATE 12-20-04

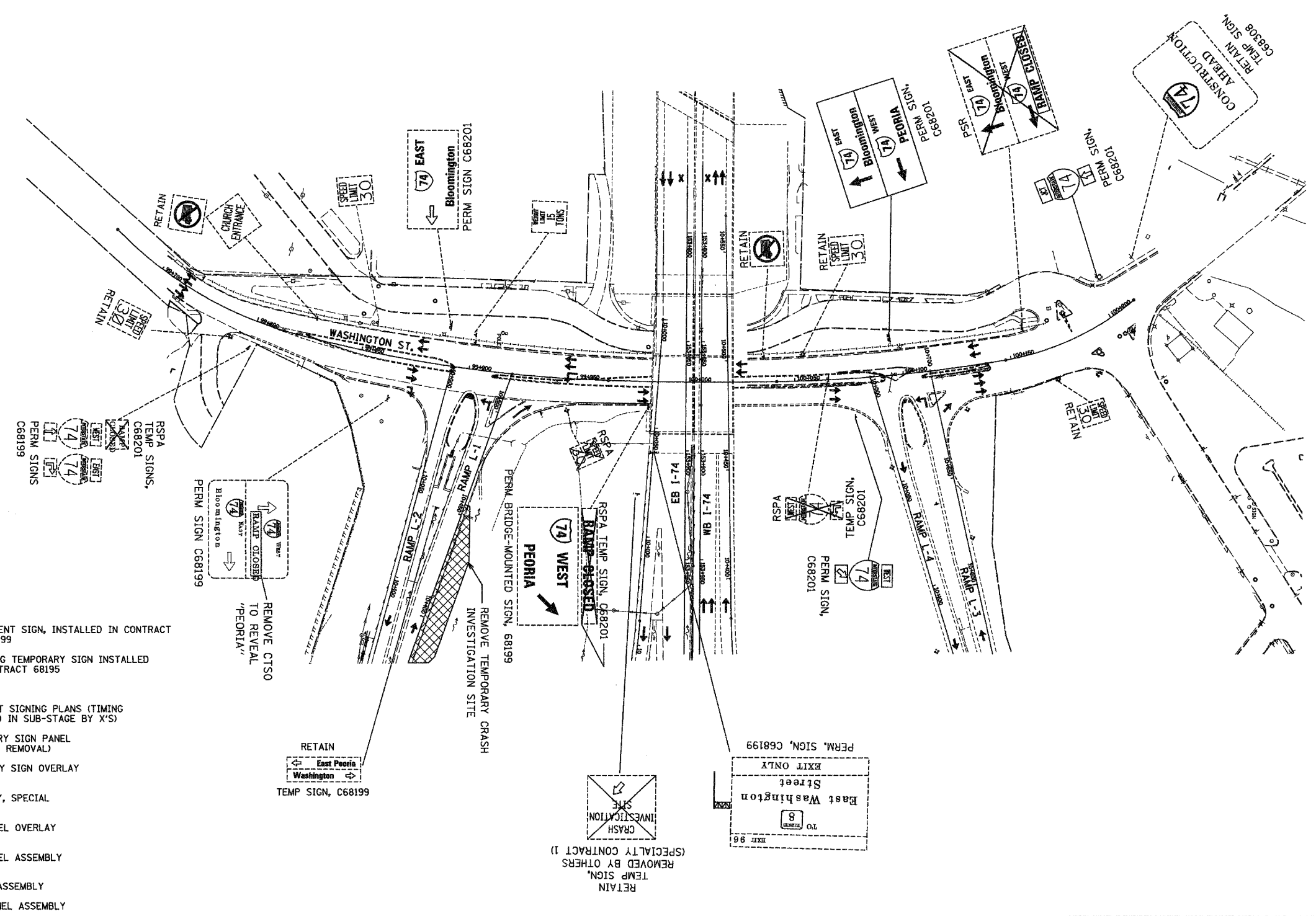
INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY

alfred benesch & company
 CONSULTING ENGINEERS
 205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	372
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
• (90-111R-2)9013, 14, 14-11R-1				



- LEGEND:**
- PERM SIGN, C68197 - PERMANENT SIGN, INSTALLED IN CONTRACT NO. 68199
 - TEMP SIGN, C68193 - EXISTING TEMPORARY SIGN INSTALLED IN CONTRACT 68195
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 - RTSPA - REINSTALL TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
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 - SPO(S) - SIGN PANEL OVERLAY, SPECIAL (INCLUDES REMOVAL)
 - TSPO - TEMPORARY SIGN PANEL OVERLAY (INCLUDES REMOVAL)
 - TSPA - TEMPORARY SIGN PANEL ASSEMBLY (INCLUDES REMOVAL)
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 \$TIME:\$
 \$DATE:\$

T.I.S. SHEET 33 OF 33

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 CONCEPTUAL TEMPORARY
 INFORMATION SIGNING PLAN
 CONTRACT 68201
 STAGE 3C
 DRAWN BY LM
 CHECKED BY DPA
 DATE 12-20-04

INFORMATION FOR THIS SHEET WAS PROVIDED BY ALFRED BENESCH & COMPANY

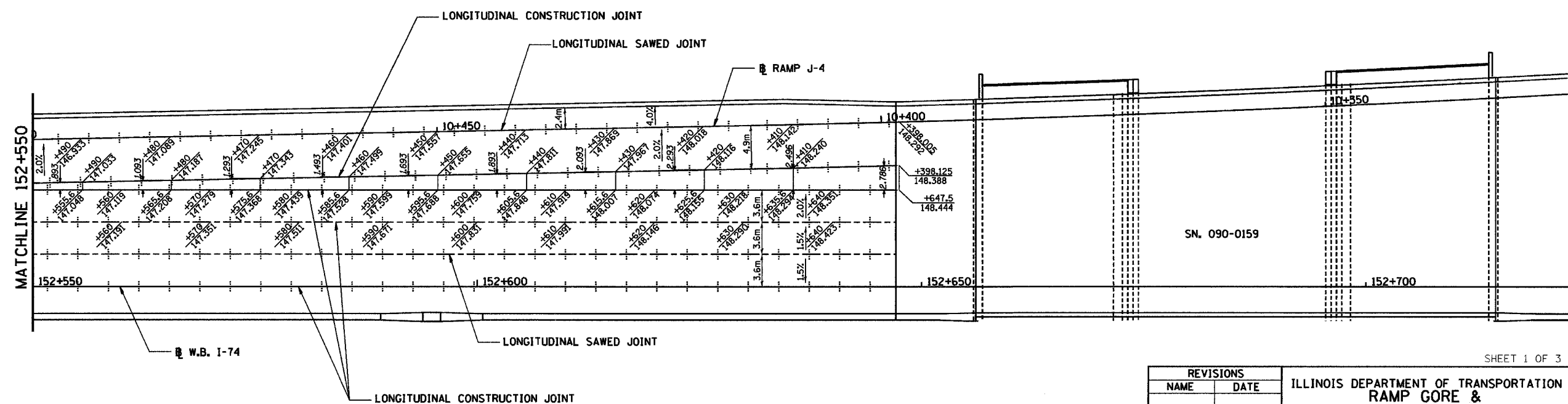
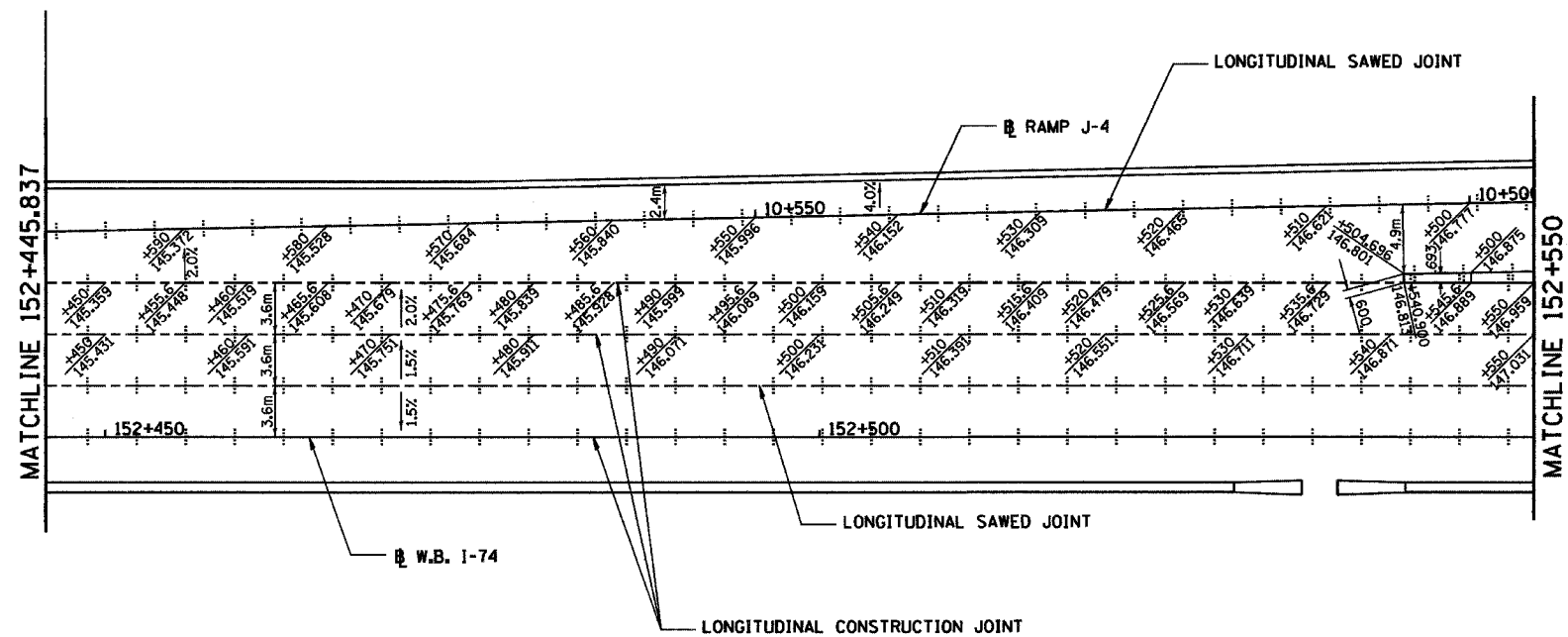
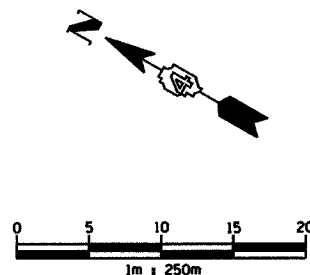


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68201

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-10R-29003,1414-1R-1	TAZEWELL	1366	373
STA. 10+398.005 TO STA. 10+599.680		FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT		



SHEET 1 OF 3

REVISIONS	
NAME	DATE

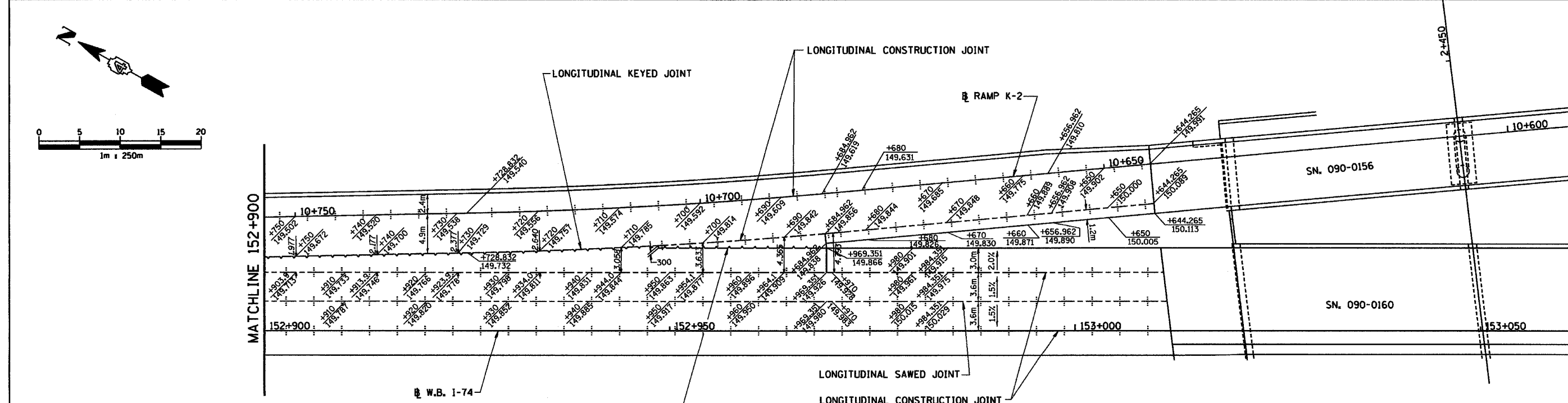
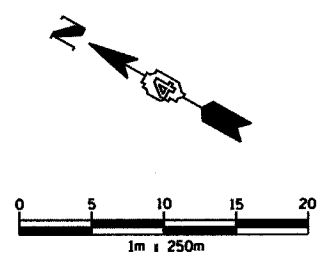
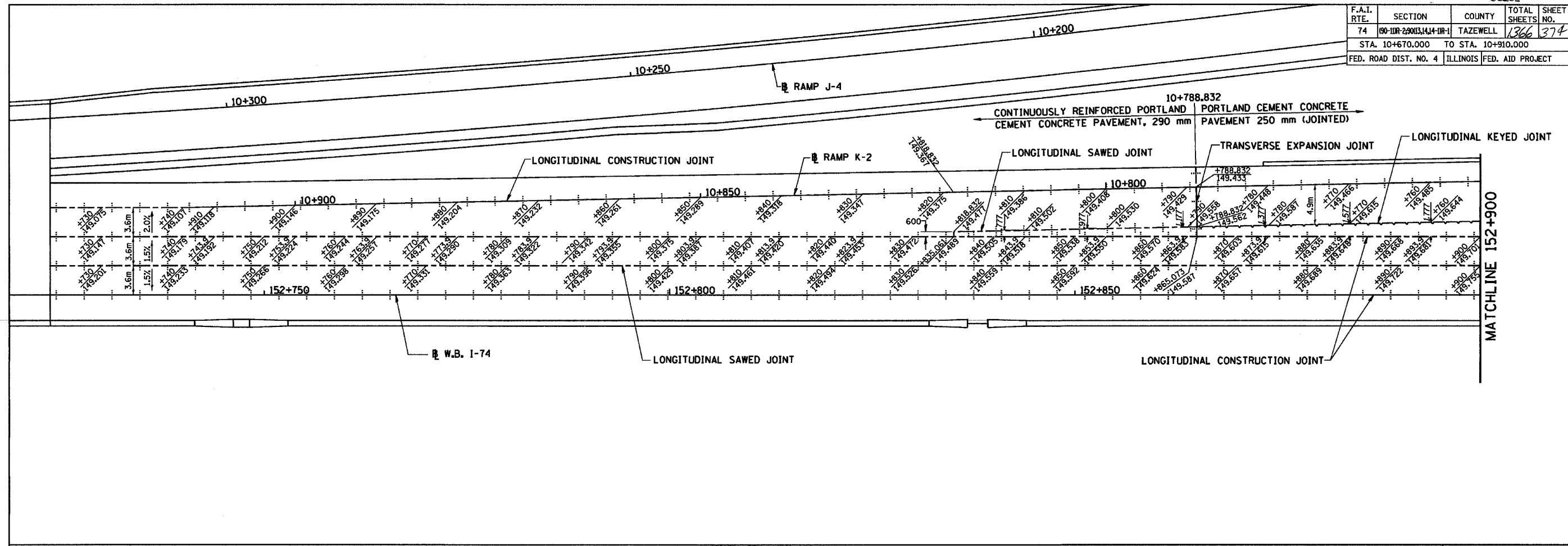
ILLINOIS DEPARTMENT OF TRANSPORTATION
 RAMP GORE &
 PAVEMENT JOINT DETAIL
 WESTBOUND I-74 RAMP J-4
 10+398.005 TO
 10+599.680
 DRAWN BY BKN
 CHECKED BY MLB
 DATE 12/20/04



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68201

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-11R-2003(14)-1R-1	TAZEWELL	1366	374
STA. 10+670.000		TO STA. 10+910.000		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



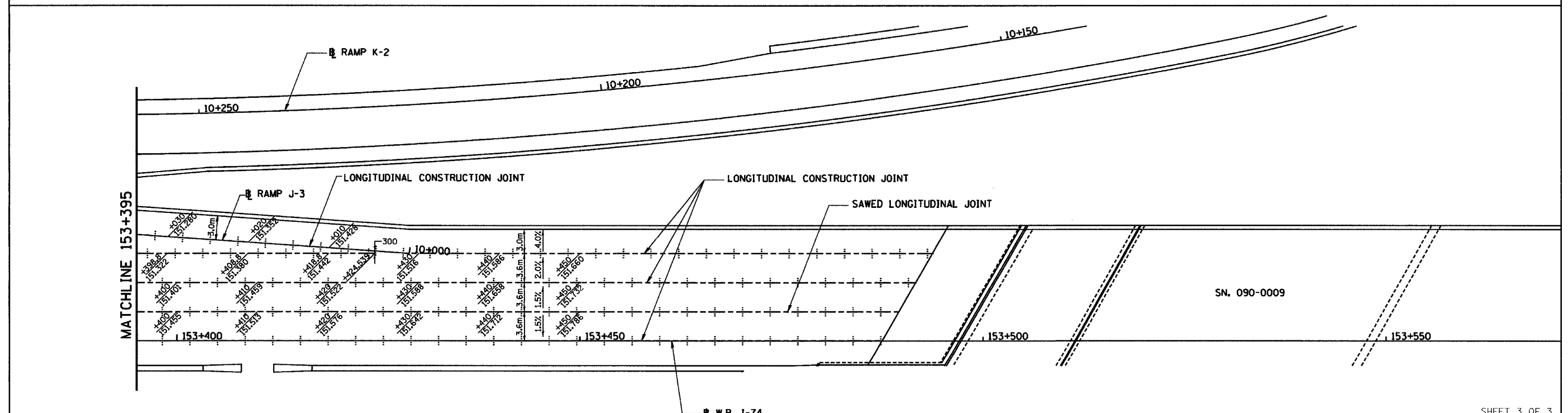
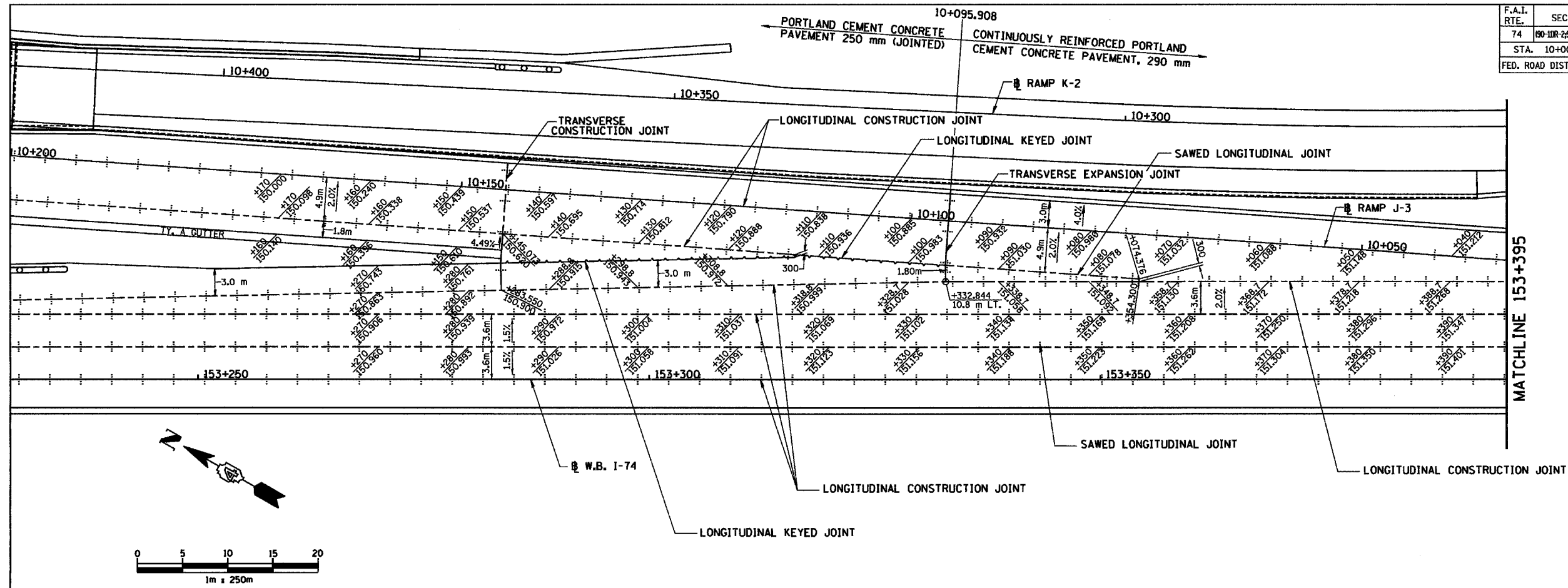
SHEET 2 OF 3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 RAMP GORE &
 PAVEMENT JOINT DETAIL
 WESTBOUND I-74 RAMP K-2
 STA. 10+670.000 TO
 STA. 10+910.000
 DRAWN BY BKN
 CHECKED BY MLB
 DATE 12/20/04



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-11R-2:9003,14,14-1R-1	TAZEWELL	1366	375
STA. 10+000.000 TO STA. 10+160.000				
FED. ROAD DIST. NO. 4 ILLINOIS FED. AID PROJECT				



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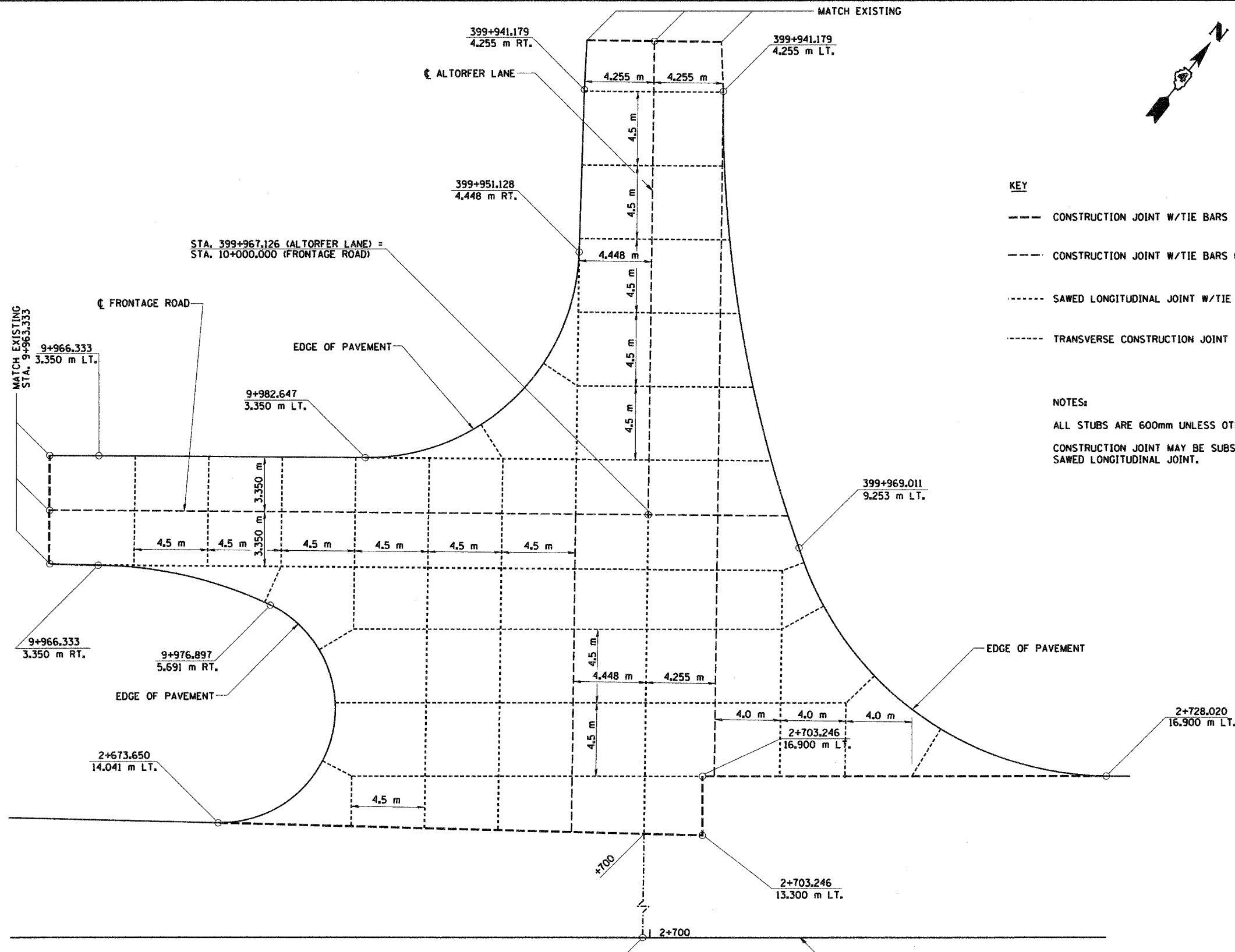
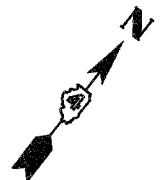
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**RAMP GORE &
 PAVEMENT JOINT DETAIL**
 WESTBOUND I-74 RAMP J-3
 STA. 10+000.000 TO
 STA. 10+160.000
 DRAWN BY BKN
 CHECKED BY MLB
 DATE 12/20/04



F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	*	TAZEWELL	1366	376
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

*(90-11R-2)90(3,4,14-11R-1



- KEY**
- CONSTRUCTION JOINT W/TIE BARS
 - CONSTRUCTION JOINT W/TIE BARS GROUTED
 - SAWED LONGITUDINAL JOINT W/TIE BARS
 - TRANSVERSE CONSTRUCTION JOINT W/TIE BARS

NOTES:
 ALL STUBS ARE 600mm UNLESS OTHERWISE NOTED.
 CONSTRUCTION JOINT MAY BE SUBSTITUTED FOR SAWED LONGITUDINAL JOINT.

STA. 2+699.548 IL. 116 (MAIN STREET) = STA. 400+000.000 (ALTORFER LANE) IL. 116 (MAIN STREET)

PLAN VIEW
(SHOWING VERTICAL CONTROL)

REVISIONS	
NAME	DATE

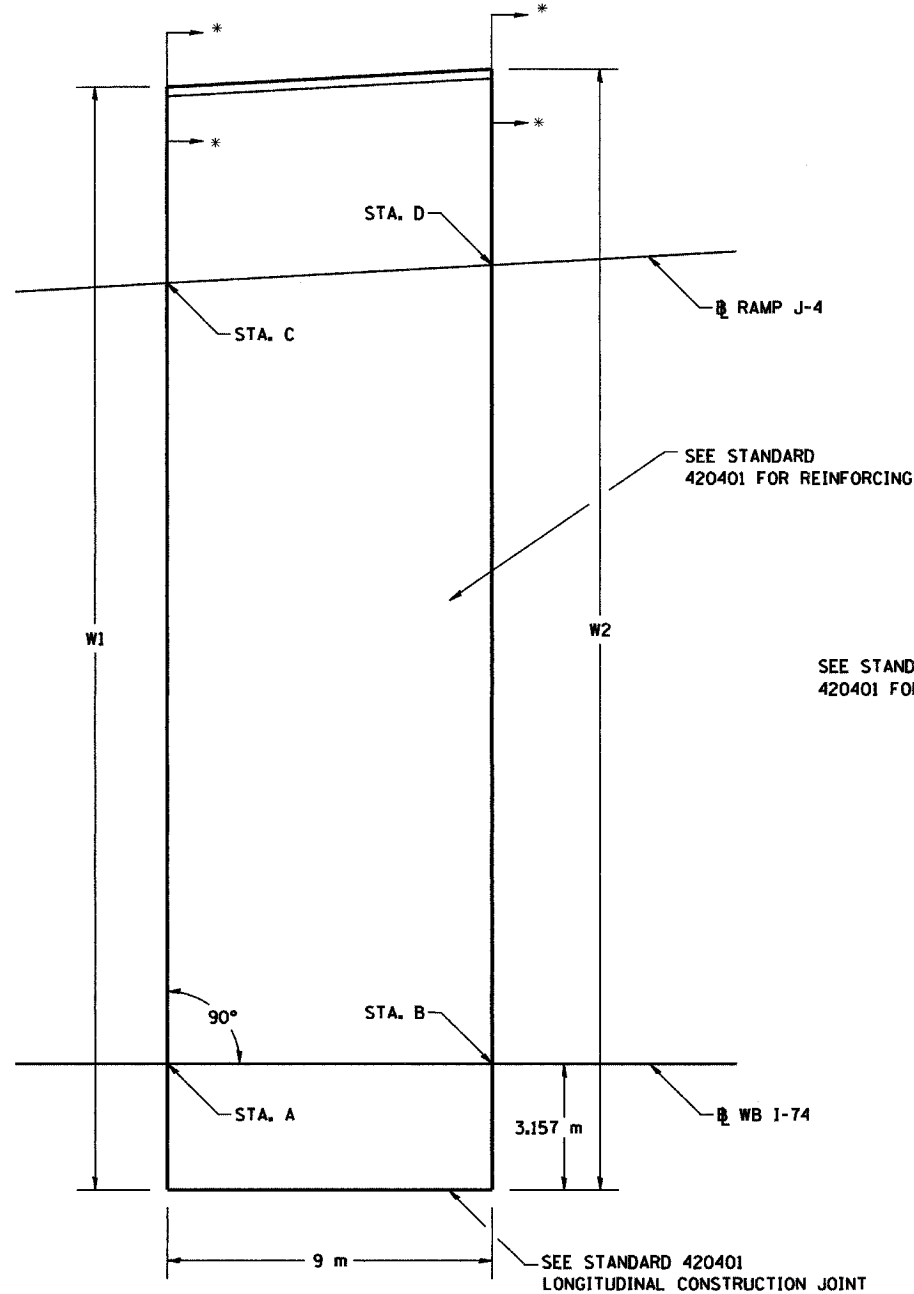
ILLINOIS DEPARTMENT OF TRANSPORTATION
PAVEMENT JOINT DETAIL
 ALTORFER LANE
 AT MAIN STREET
 DRAWN BY ACW
 CHECKED BY JJM
 DATE 12-20-04



I:\Projects\74002\02\21_01p_wgs-1011\01\68201.dwg

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-10R-2003,1414-1R-1	TAZEWELL	136	377
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

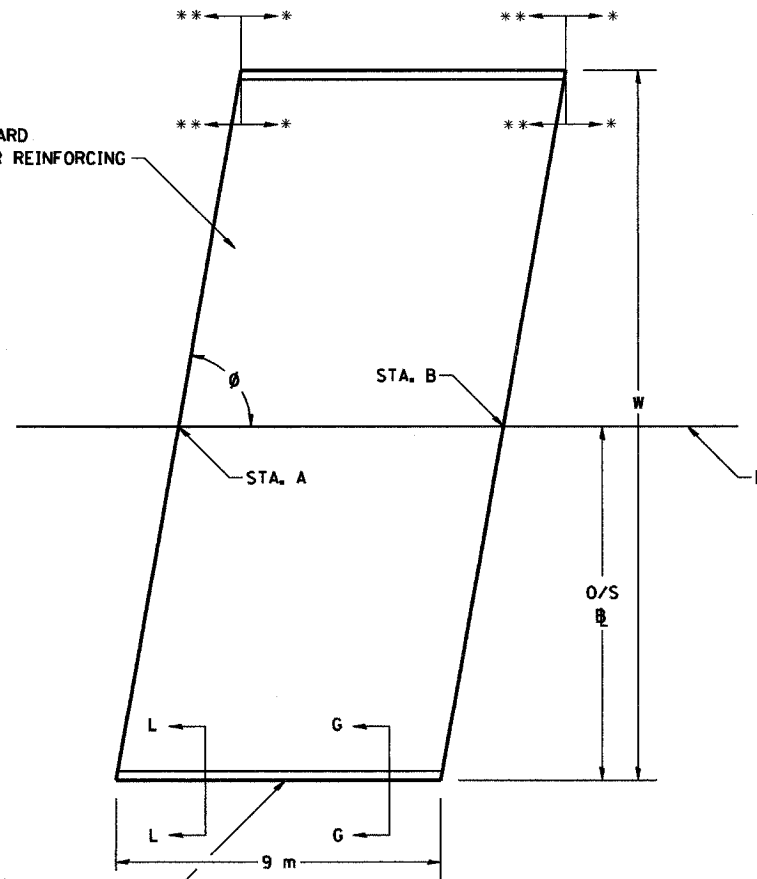
BRIDGE APPROACH PAVEMENTS WITH TAPERS								
SLAB NO.	LOCATION	STA A	STA B	STA C	STA D	W1	W2	APPLICABLE SECTIONS
1	W. SLAB FOR WB I-74 AND RAMP J-4 OVER ALTORFER LANE AND TP&W R.R.	152+647.108	152+656.108	10+398.367	10+389.364	23.918m	24.193m	A-A, B-B
2	E. SLAB FOR WB I-74 AND RAMP J-4 OVER ALTORFER LANE AND TP&W R.R.	152+714.598	152+723.598	10+330.821	10+321.806	26.662m	27.151m	A-A, B-B



BRIDGE APPROACH PAVEMENTS WITH TAPERS

BRIDGE APPROACH PAVEMENTS WITH NO TAPERS										
SLAB NO.	LOCATION	STA A	STA B	W	Ø	Ø O/S	LONGITUDINAL JOINT	CONCRETE BARRIER	APPLICABLE SECTIONS	
3	W. SLAB FOR WB I-74 OVER MAIN STREET (IL. RTE. 116)	153+011.355	153+020.355	11.900 m	83° 05' 04"	1.700 m	YES	N/A	N/A	
5	E. SLAB FOR WB I-74 OVER MAIN STREET (IL. RTE. 116)	153+079.792	153+088.792	12.400 m	83° 05' 04"	1.700 m	YES	LT.	*A-A, C-C	
7	W. SLAB FOR WB I-74 OVER CAMP STREET, FARM CREEK AND TP&W RR	153+487.485	153+496.485	14.300 m	60° 00' 00"	0.000 m	YES	LT.	*A-A, B-B, D-D	
8	E. SLAB FOR WB I-74 OVER CAMP STREET, FARM CREEK AND TP&W RR	153+741.674	153+750.674	14.300 m	60° 00' 00"	0.000 m	YES	LT.	*A-A, B-B, D-D	
9	W. SLAB FOR I-74 AND RAMP L-4 OVER E. WASHINGTON STREET	153+819.180	153+828.180	15.292 m	90° 00' 00"	0.967 m	YES	LT.	*A-A, C-C	
4	N. SLAB FOR RAMP K-2 OVER MAIN STREET (IL. RTE. 116)	10+644.265	10+635.265	8.400 m	90° 00' 00"	6.100 m	NO	RT.	**A-A, B-B, D-D (RT.) L-L (LT.)	
6	S. SLAB FOR RAMP K-2 OVER MAIN STREET (IL. RTE. 116)	(SEE SHEETS 3 THRU 5 OF 6)							**E-E, F-F, G-G	

DIMENSIONS ABOVE DESIGNATED "W" MAY BE REDUCED BY WINGWALL WIDTH AS DETAILED.



BRIDGE APPROACH PAVEMENTS WITH NO TAPERS

NOTES

IT IS THE INTENT FOR THE DETAILS SHOWN ON SHEETS 1-6 TO AID THE CONTRACTOR IN A SMOOTH TRANSITION OF THE BARRIERS ACROSS THE APPROACH PAVEMENT.

SLABS NUMBERED 3, 5, 6, & 9 ARE SPECIAL. COST OF BARRIERS SLABS, AND OTHER NECESSARY ITEMS TO COMPLETE WORK ARE INCLUDED WITH THE PAY ITEM "BRIDGE APPROACH PAVEMENT (SPECIAL)". SEE SPECIAL PROVISIONS.

FOR APPROACH SLABS NOT DESIGNATED AS "SPECIAL", THE COST OF CONCRETE BARRIER TRANSITIONS AND ALL LABOR AND MATERIALS TO COMPLETE WORK IS INCLUDED IN THE RESPECTIVE PAY ITEM FOR THE CONCRETE BARRIER.

CROSS SLOPES OF APPROACH PAVEMENTS AT BACK OF BRIDGE ABUTMENTS SHALL MATCH BRIDGE PLANS AND TRANSITION TO ROADWAY CROSS SLOPES AS DIRECTED BY THE ENGINEER.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

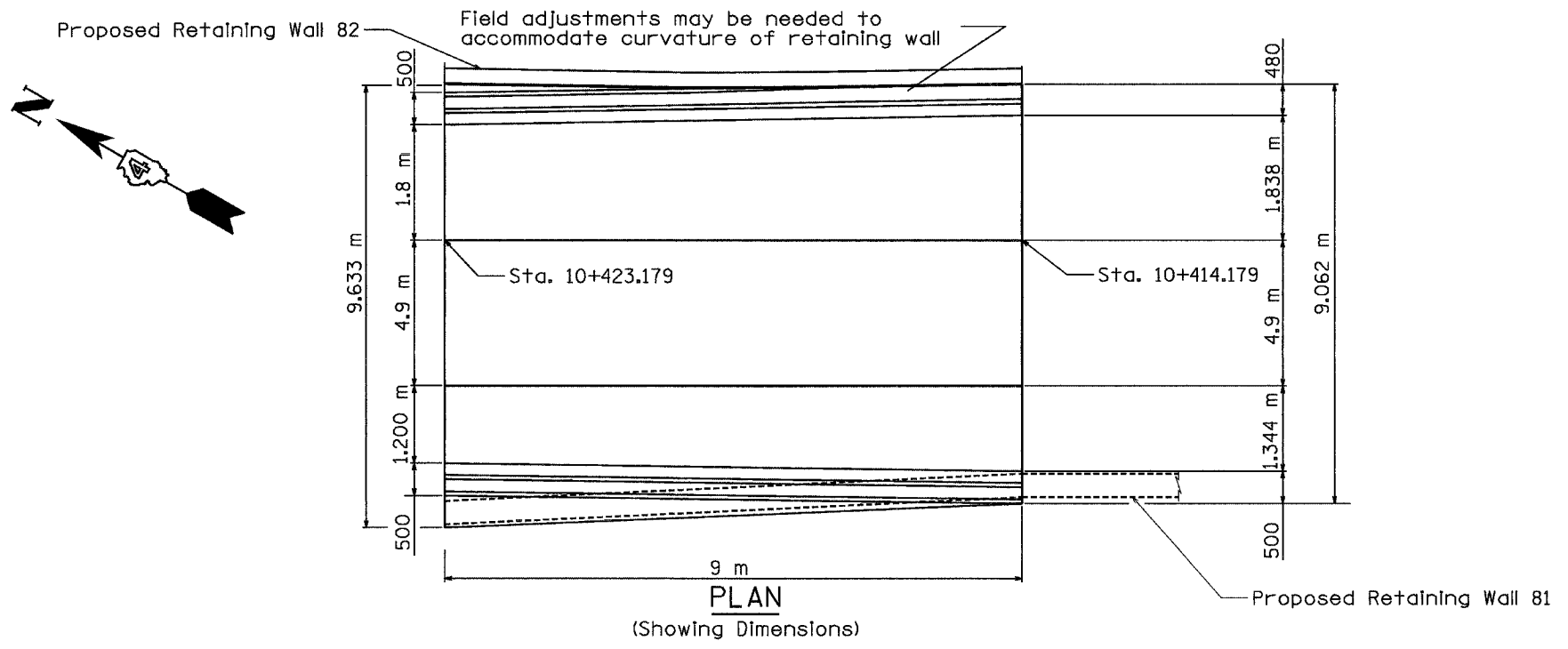
BRIDGE APPROACH PAVEMENT DETAILS

DRAWN BY TMM
CHECKED BY ACW

DATE 12-20-04

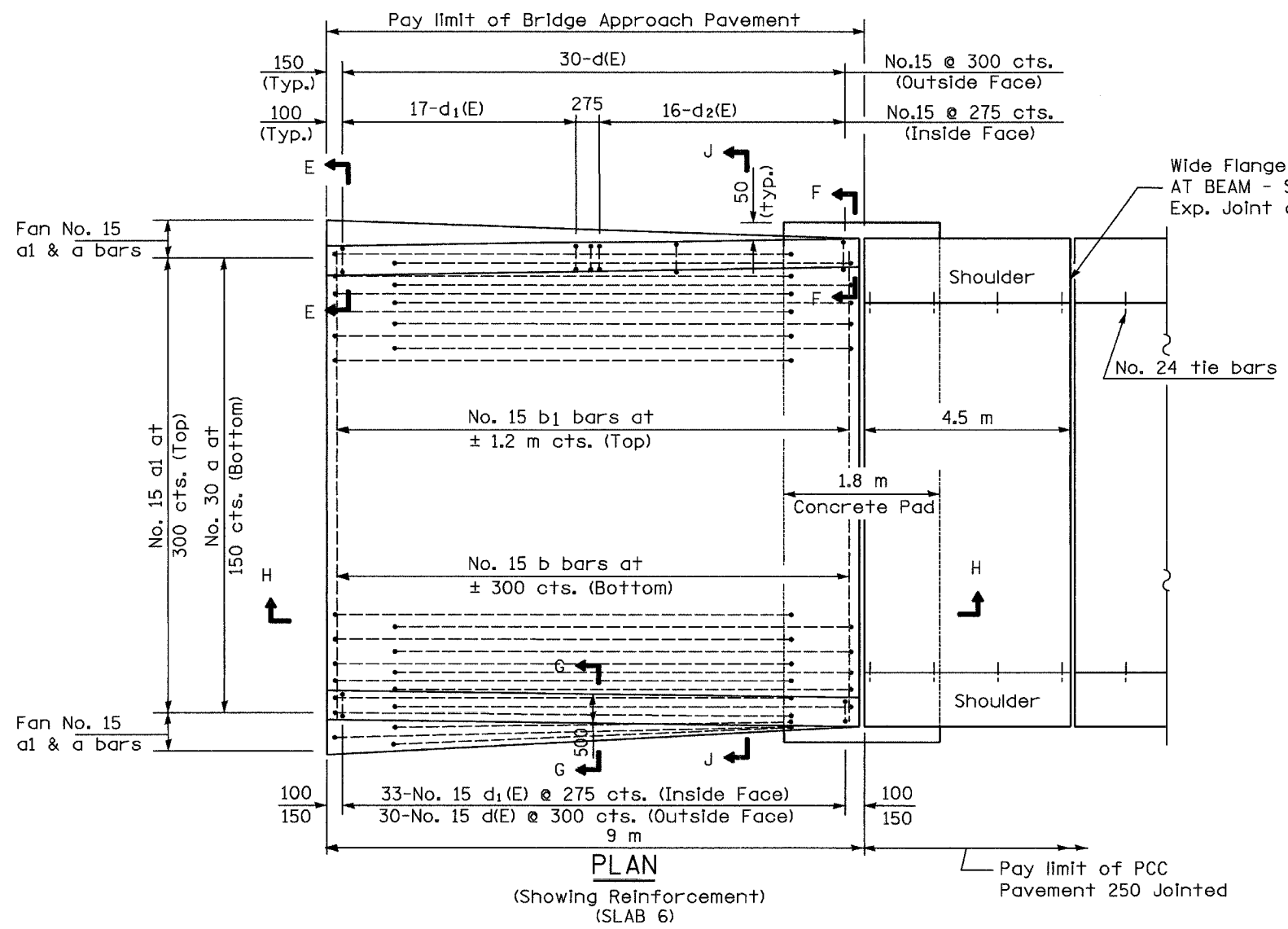


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-1R-2003J44-1R-1	TAZEWELL	1366	379
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS		FED. AID PROJECT



DESIGN STRESSES

$f_y = 400 \text{ MPa}$
 $f'_c = 24 \text{ MPa}$
 $n = 8.5$



GENERAL NOTES

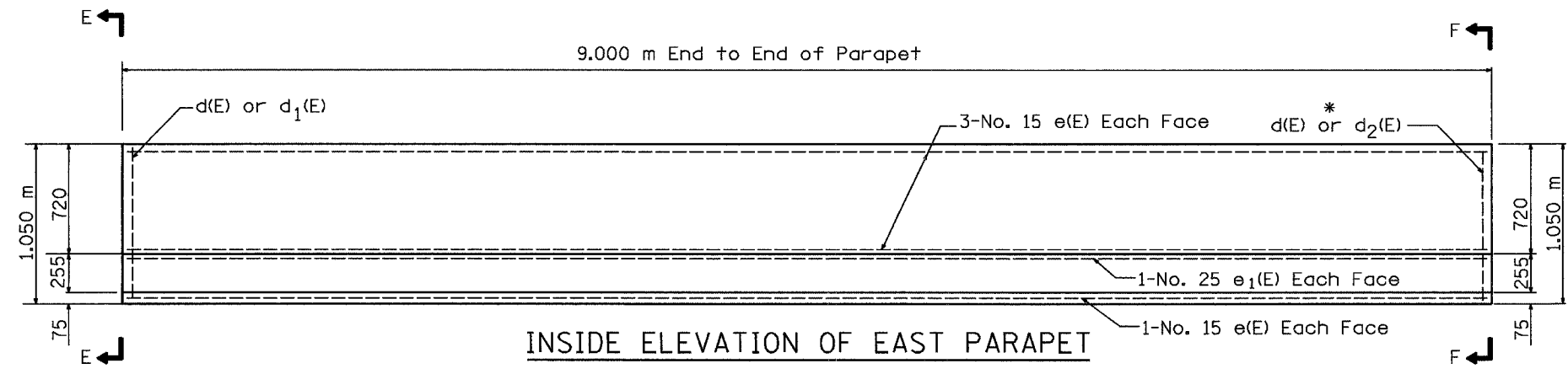
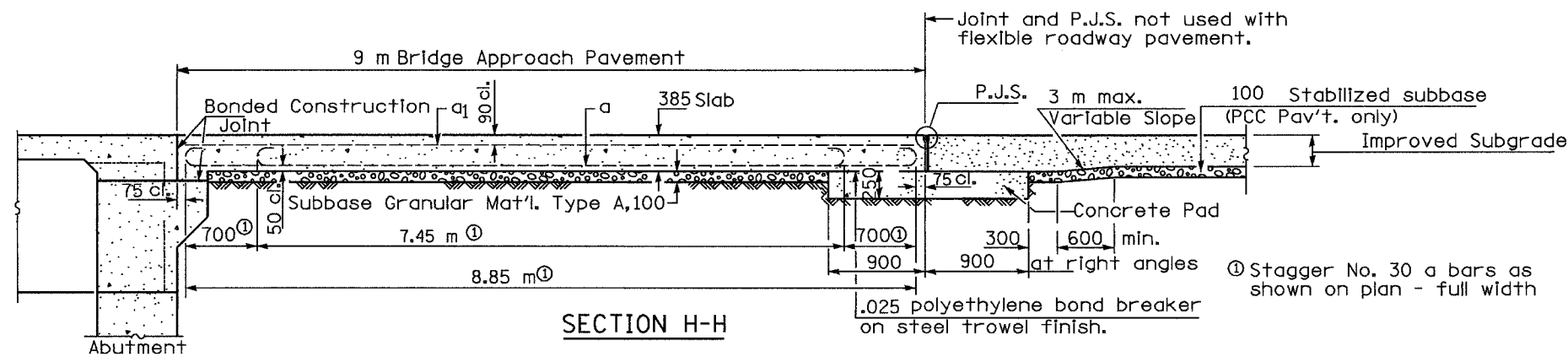
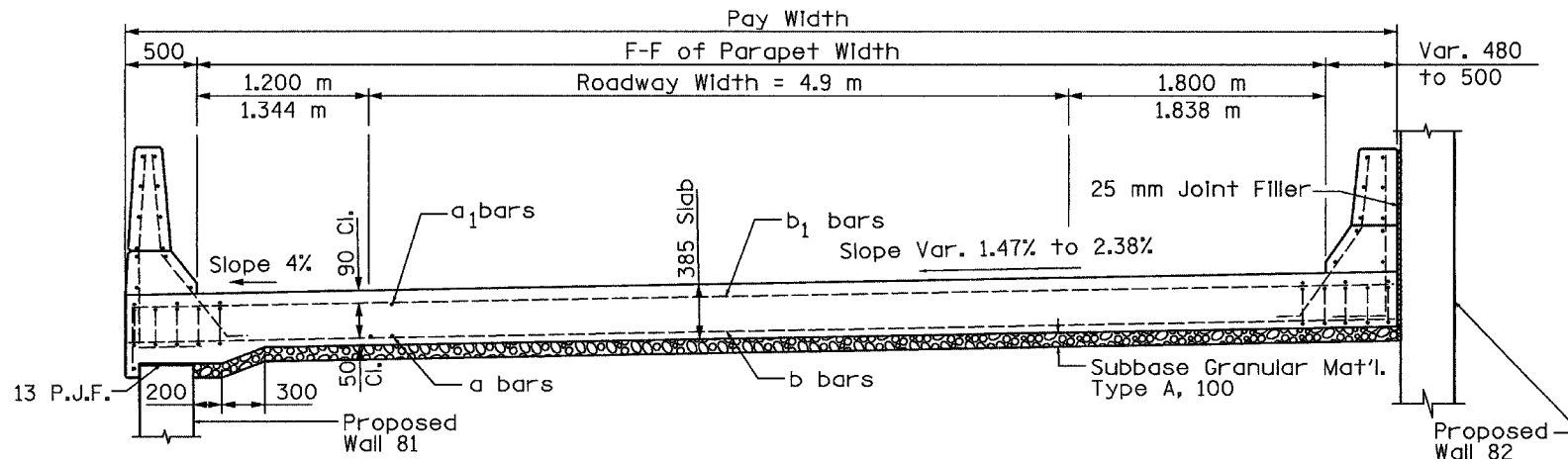
- See Standard 420001 for joint details not shown.
- All dimensions are in millimeters unless otherwise shown.
- See Sheet 6 of 6 for Slab No. 6 Bill of Material.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		BRIDGE APPROACH PAVEMENT DETAILS SOUTH SLAB, RAMP K-2 OVER MAIN ST. (ILL 116)

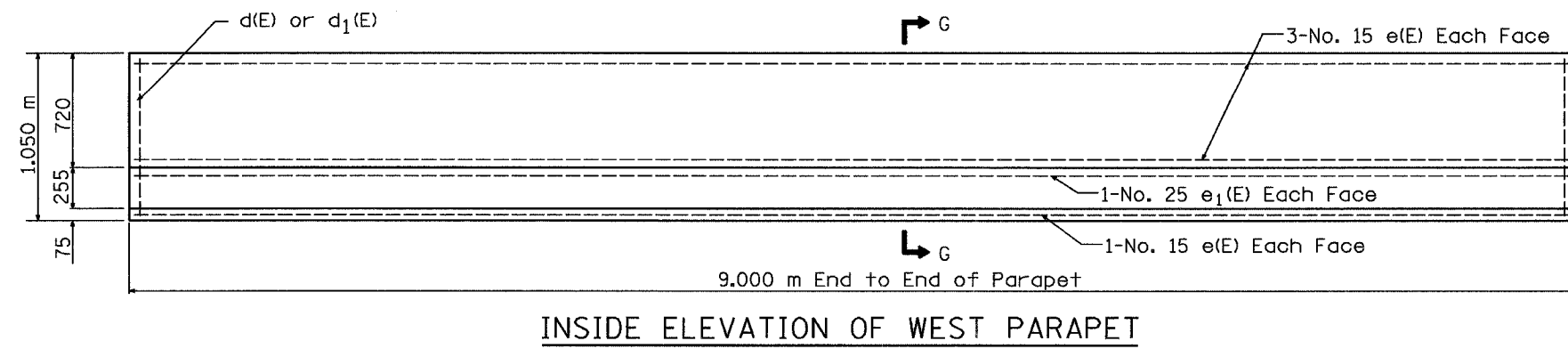


DATE 12-20-04
 DRAWN BY TMM
 CHECKED BY ACW

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-11R-2,900,14,14-11R-1	TAZEWELL	1366	380
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



* Bend Bars in the Front Face in Field if required.



Notes:

See Sheet 6 of 6 for Slab No. 6 Bill of Material.
All dimensions are in millimeters unless otherwise shown.

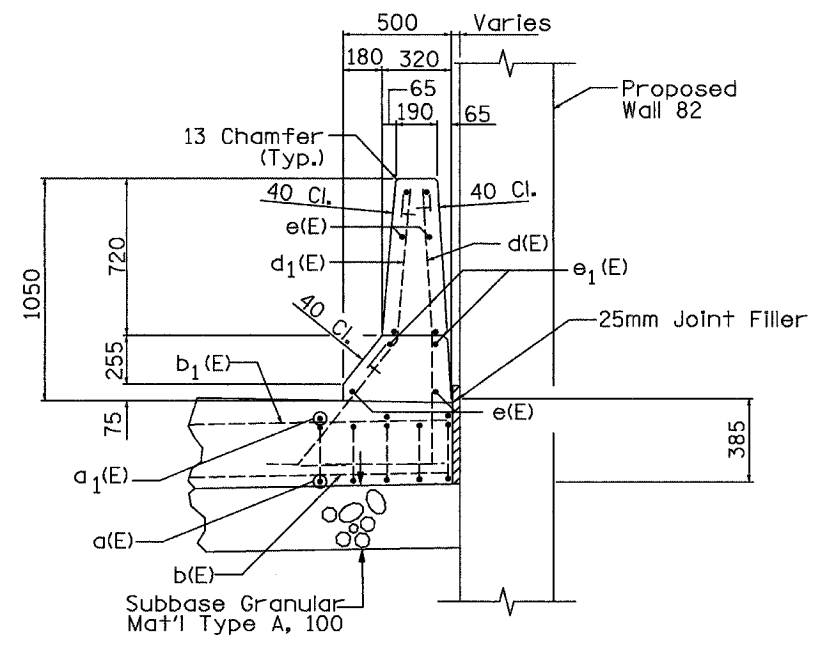
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		BRIDGE APPROACH PAVEMENT DETAILS EAST SLAB, RAMP K-2 OVER MAIN ST. (ILL 116)



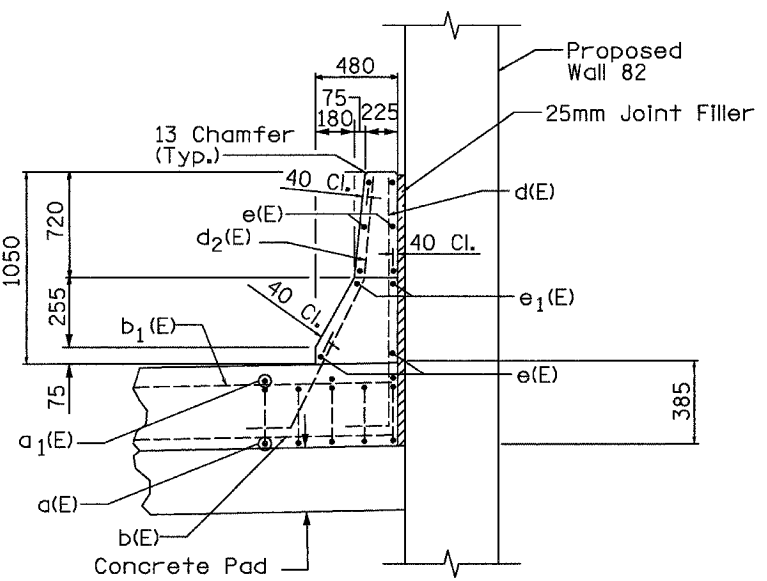
DATE 12-20-04
DRAWN BY TMM
CHECKED BY ACW

Rd 51 32 21 1002/02/01 .dgn 6865-6011EN Apprevd_12/28/04

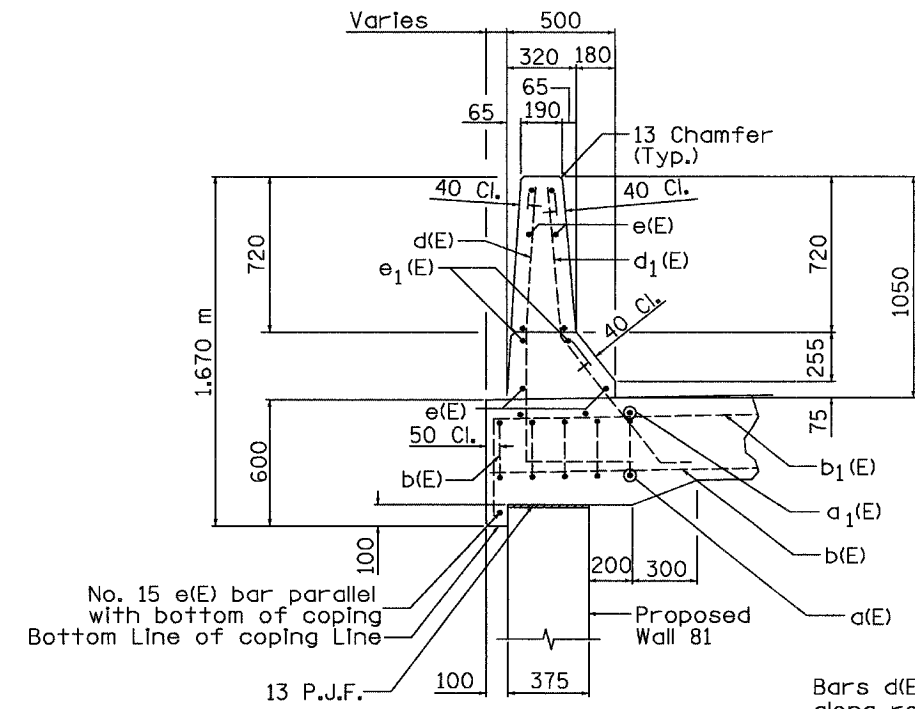
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-10R-2003,14-1R-1	TAZEWELL	1366	381
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



SECTION E-E



SECTION F-F



SECTION G-G

MINIMUM BAR LAP

#15	490
#25	1.010 m

Bars d(E) and d₁(E) continue south along retaining wall at 300mm & 275mm, respectively as shown in Section G-G.

Bars e(E) and e₁(E) continue south along retaining wall as shown in Section G-G.

Notes:
 See Sheet 6 of 6 for Slab No. 6 Bill of Material.
 All bars for parapet bill shall be epoxy coated.

Note:
 All dimensions are in millimeters unless otherwise shown.



REVISIONS	
NAME	DATE

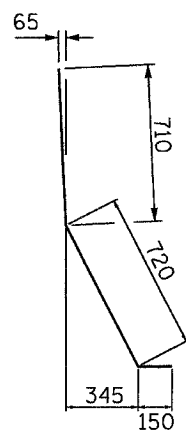
ILLINOIS DEPARTMENT OF TRANSPORTATION
 BRIDGE APPROACH PAVEMENT
 DETAILS EAST SLAB, RAMP K-2
 OVER MAIN ST. (ILL 116)

DATE 12-20-04
 DRAWN BY TMM
 CHECKED BY ACW

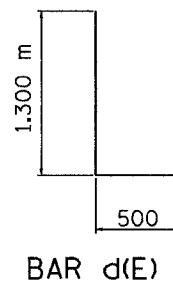
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60201

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	80-1R-2003(14)-1R-1	TAZEWELL	1366	382
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



BAR d₁(E)



BAR d(E)

**PARAPET
BILL OF MATERIAL**
 (Slab No. 6, West Barrier ONLY)

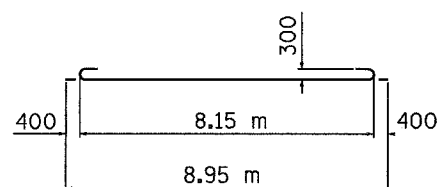
BAR NO.	SIZE	LENGTH	SHAPE
d(E)	30	1.80	┘
d ₁ (E)	33	1.58	┘
e(E)	8	8.90	—
e ₁ (E)	2	8.90	—
REINFORCEMENT BARS (EPOXY COATED)			kg 350
CONCRETE SUPERSTRUCTURE			m ³ 2.9

Notes:

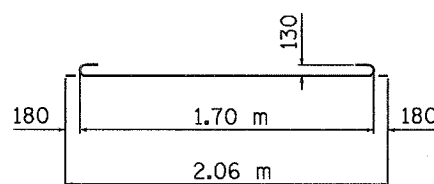
The Bill of Material above is for information ONLY. Cost is included in Approach Pavement (Special).

All bars shall be epoxy coated.

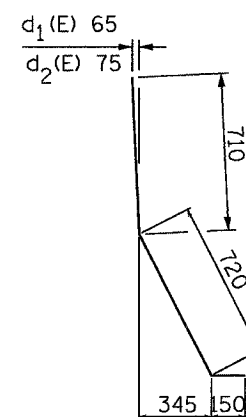
All dimensions are in millimeters unless otherwise shown.



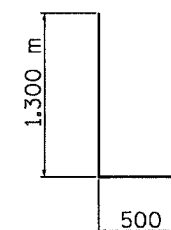
BAR a(E)



BAR a₂(E)



BARS d₁(E), d₂(E)



BAR d(E)

**PARAPET
BILL OF MATERIAL**
 (Slab No. 6, East Barrier ONLY)

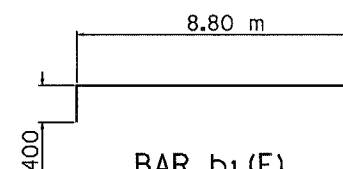
BAR NO.	SIZE	LENGTH	SHAPE
d(E)	30	1.80	┘
d ₁ (E)	17	1.58	┘
d ₂ (E)	16	1.58	┘
e(E)	8	8.90	—
e ₁ (E)	2	8.90	—
REINFORCEMENT BARS (EPOXY COATED)			kg 350
CONCRETE SUPERSTRUCTURE			m ³ 2.9

Notes:

Bill of Material for Barrier for East Approach of Ramp K-2 (Slab No. 6) and information only.

All bars shall be epoxy coated.

All dimensions are in millimeters unless otherwise shown.



BAR b₁(E)

SHEET 6 OF 6

REVISIONS	
NAME	DATE

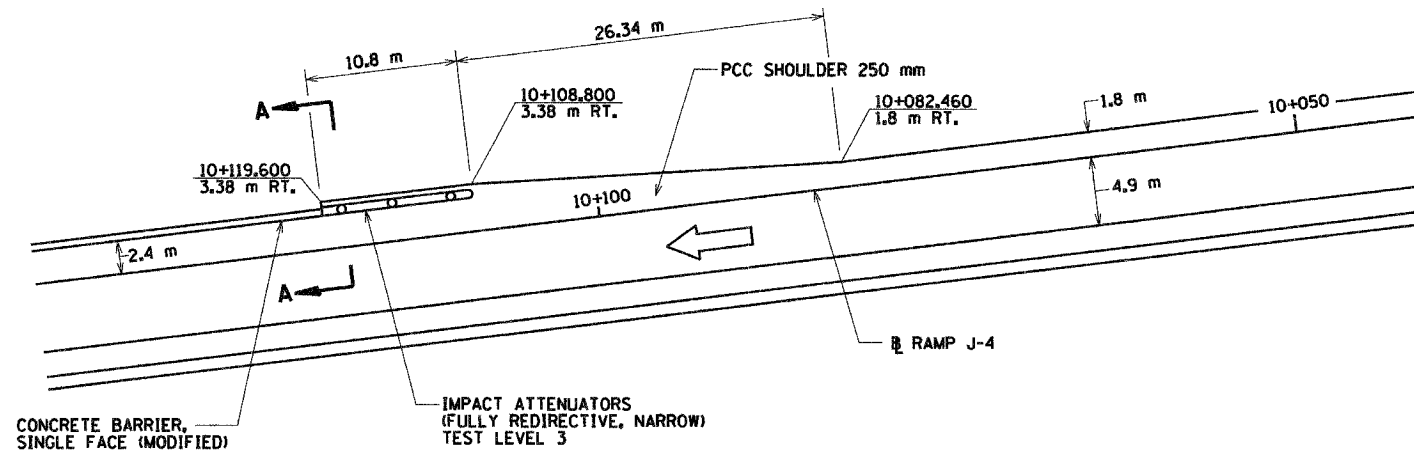
ILLINOIS DEPARTMENT OF TRANSPORTATION
 BRIDGE APPROACH PAVEMENT
 DETAILS EAST SLAB, RAMP K-2
 OVER MAIN ST. (ILL 116)

URS
 URS CORPORATION
 ST. LOUIS, MO

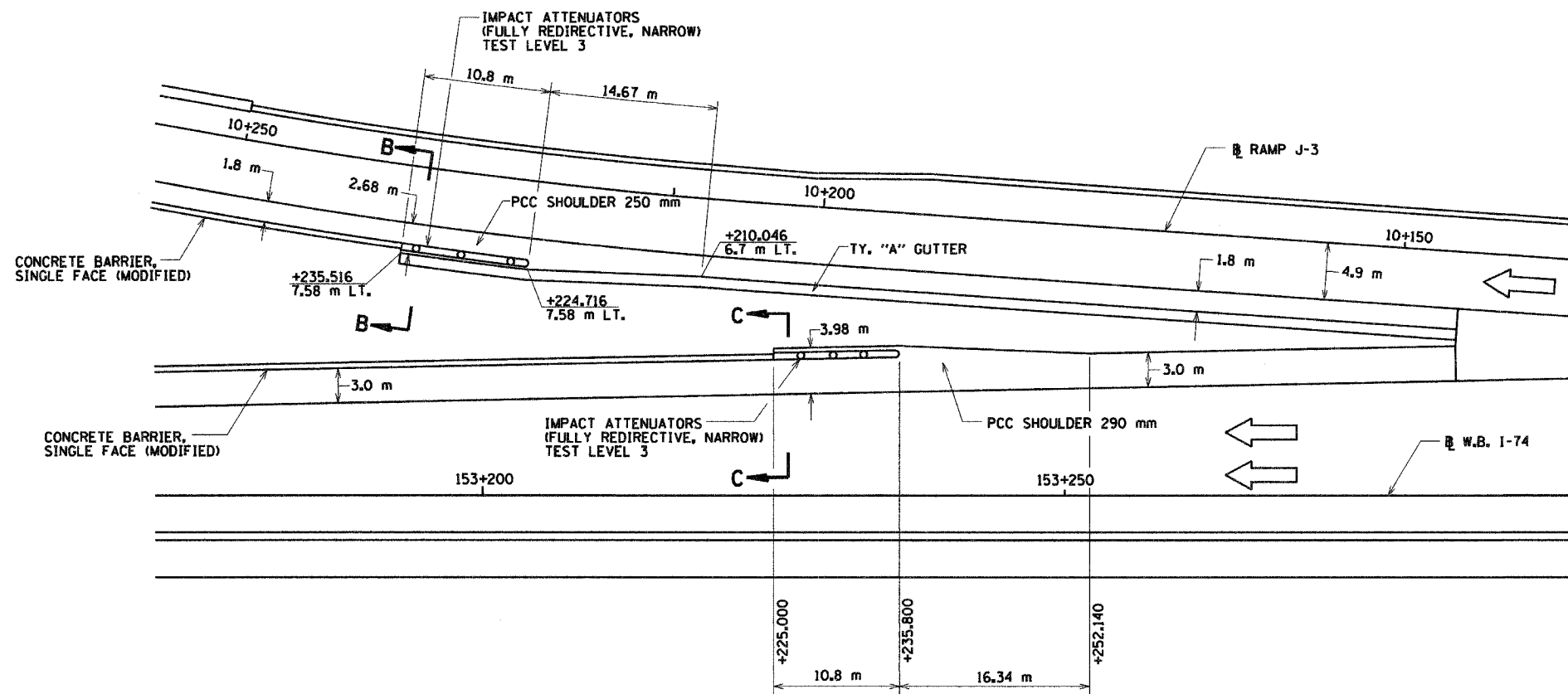
DATE 12-20-04
 DRAWN BY TMM
 CHECKED BY ACW

DATE: \$DATE\$ TIME: \$TIME\$ HERE\$
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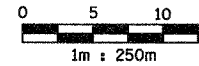
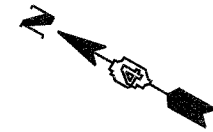
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	80-11R-29013,14,1R-1	TAZEWELL	1366	383
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



RAMP J-4
(STA. 10+082.460 TO 10+119.600)



W.B. I-74/RAMP J-3
(STA. 153+225.000 TO 153+252.140 - W.B. I-74)
(STA. 10+210.046 TO 10+235.516 - RAMP J-3)



NOTE:
SEE SHEET 3 OF 3 FOR SECTIONS A-A, B-B & C-C.

REVISIONS	
NAME	DATE

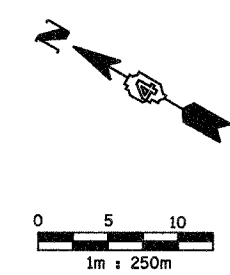
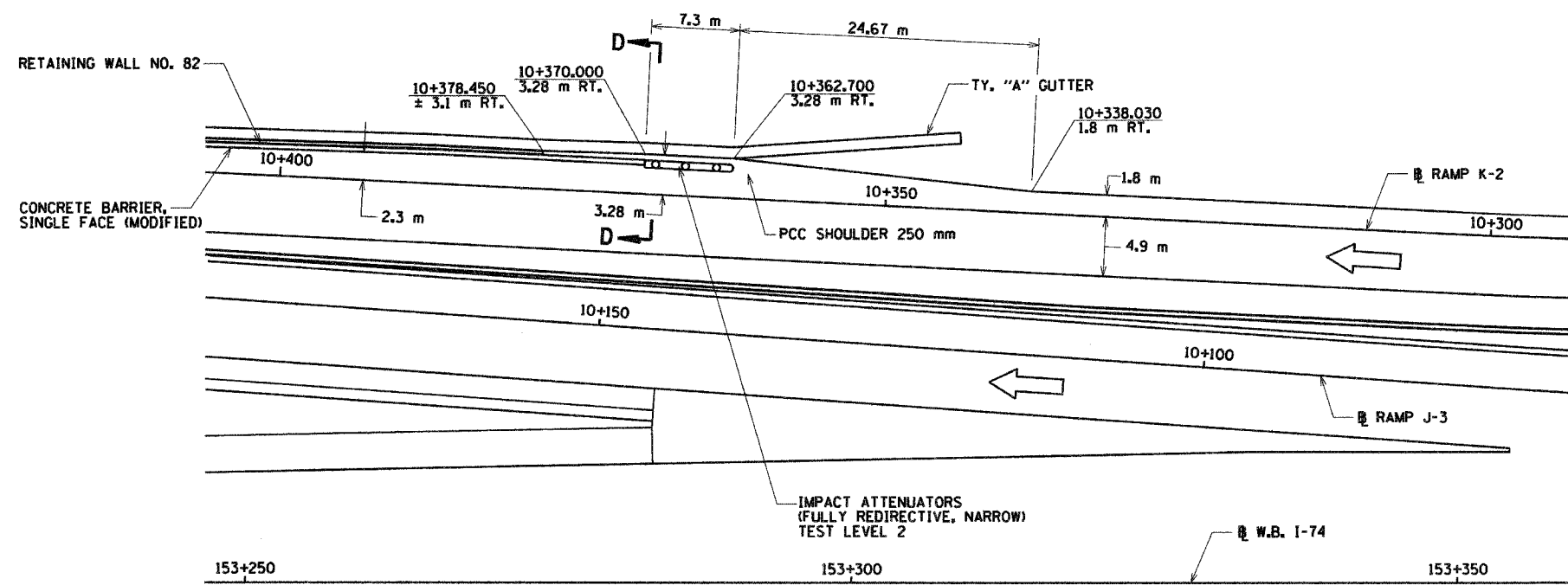
ILLINOIS DEPARTMENT OF TRANSPORTATION

IMPACT ATTENUATOR DETAILS

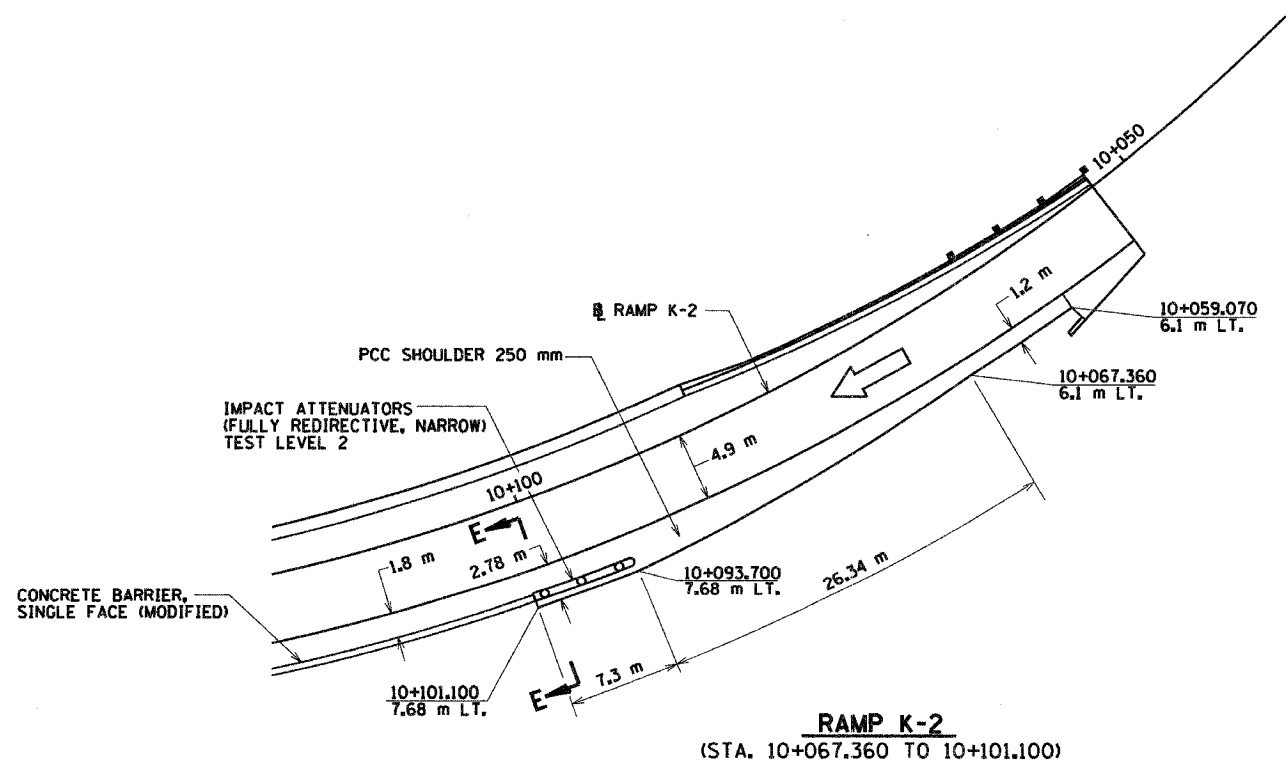


DRAWN BY SRS
CHECKED BY RLS
DATE 12/20/04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-1R-2903(14)-1R-1	TAZEWELL	1366	384
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



RAMP K-2
 (STA. 10+338.030 TO 10+370.000)



RAMP K-2
 (STA. 10+067.360 TO 10+101.100)

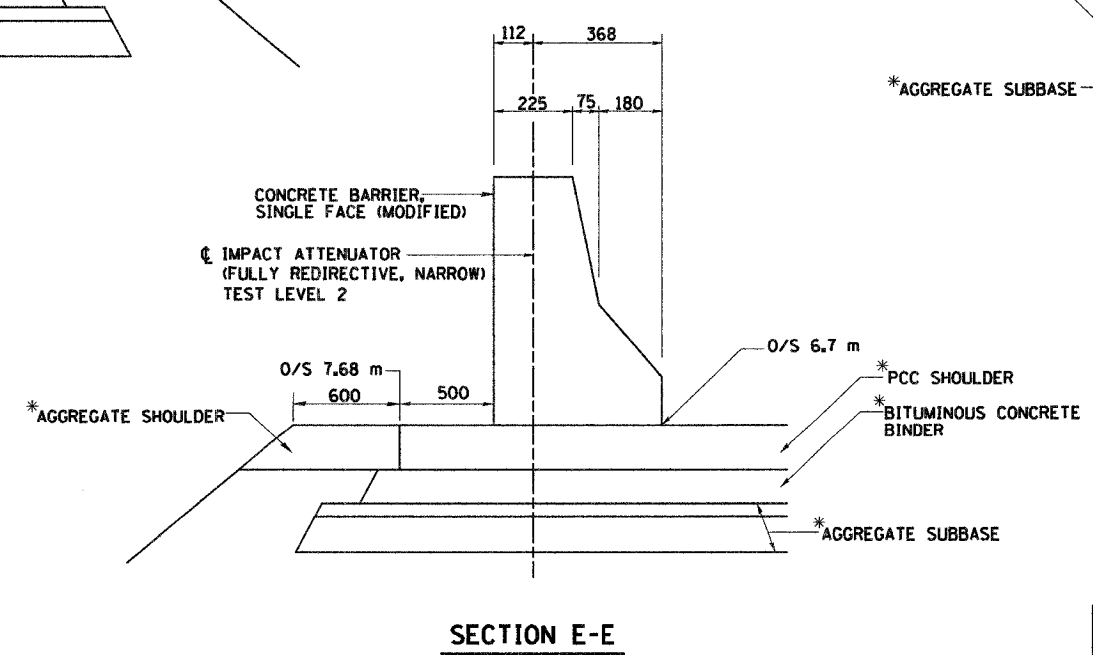
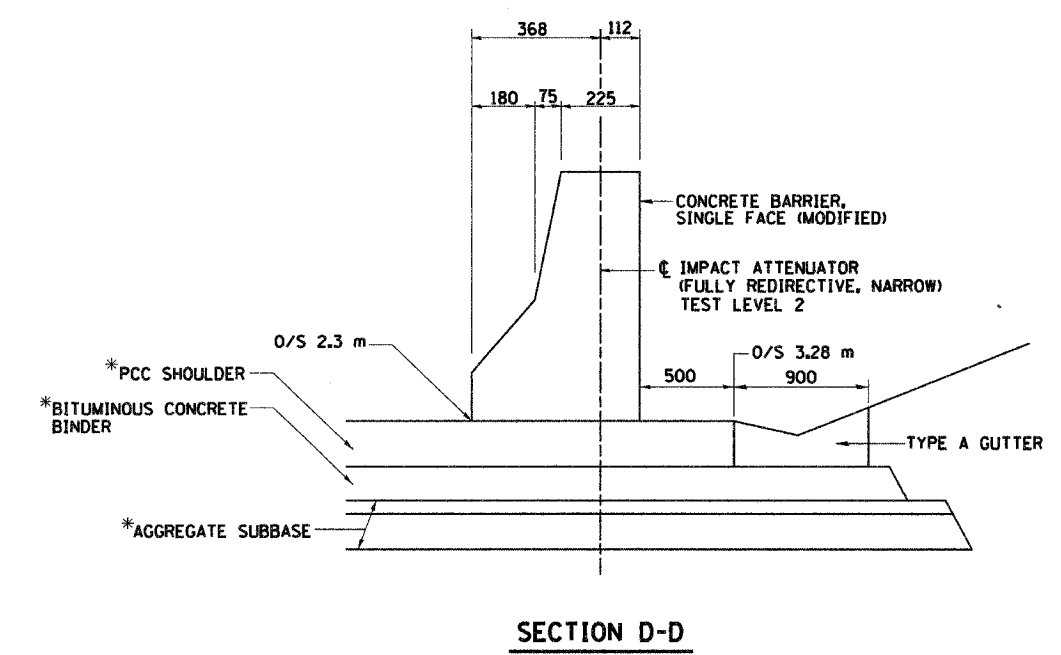
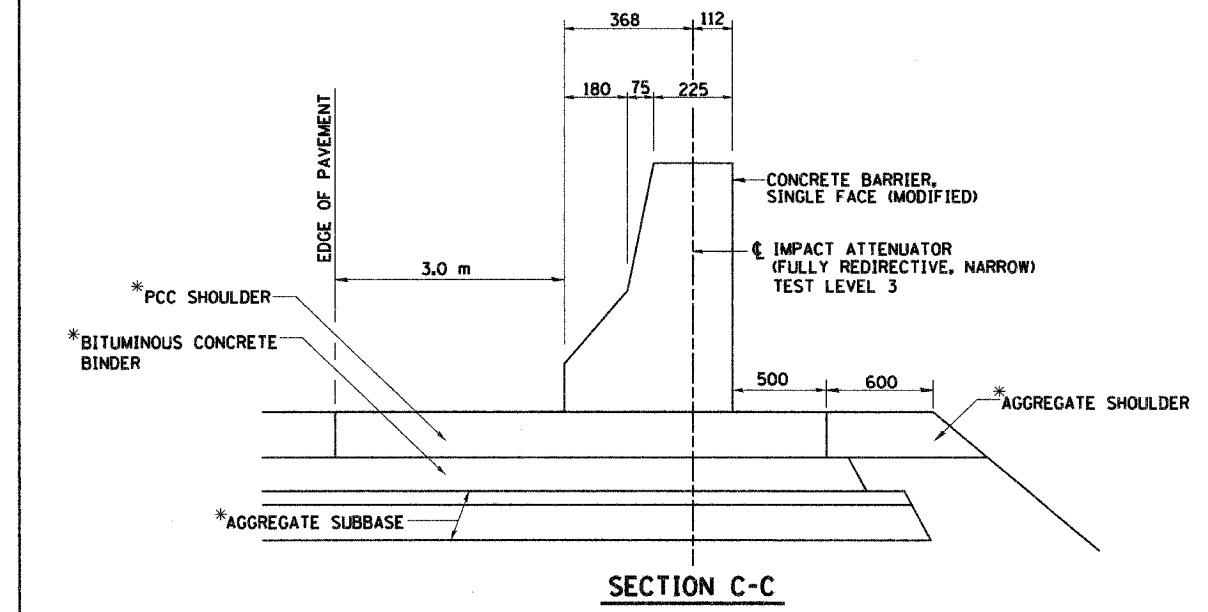
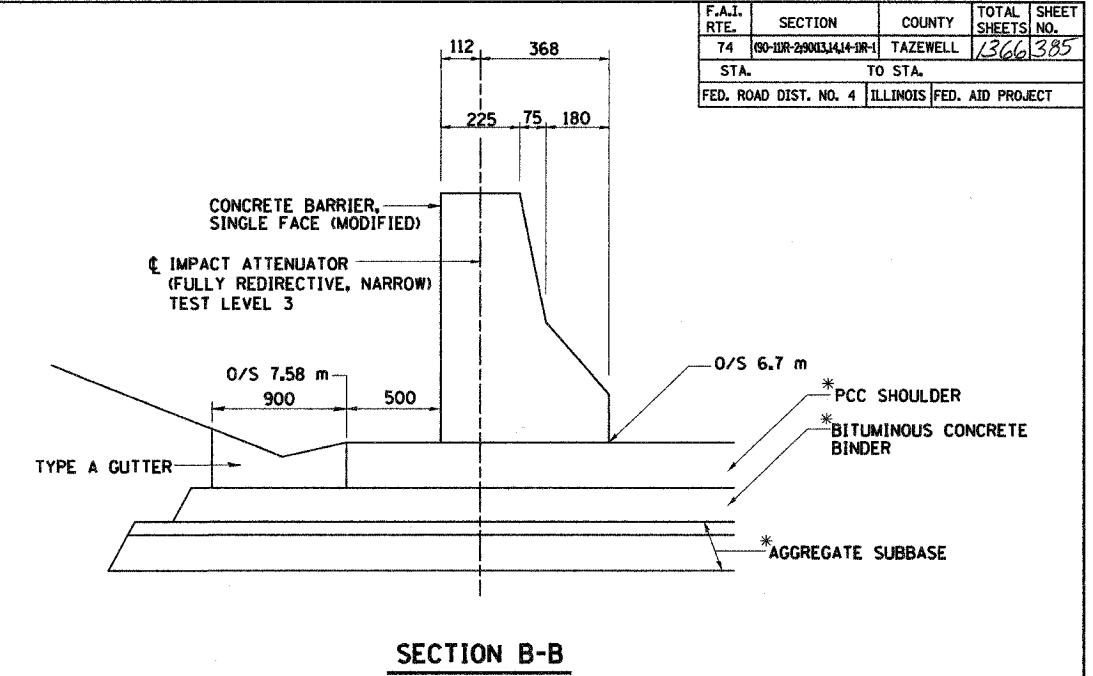
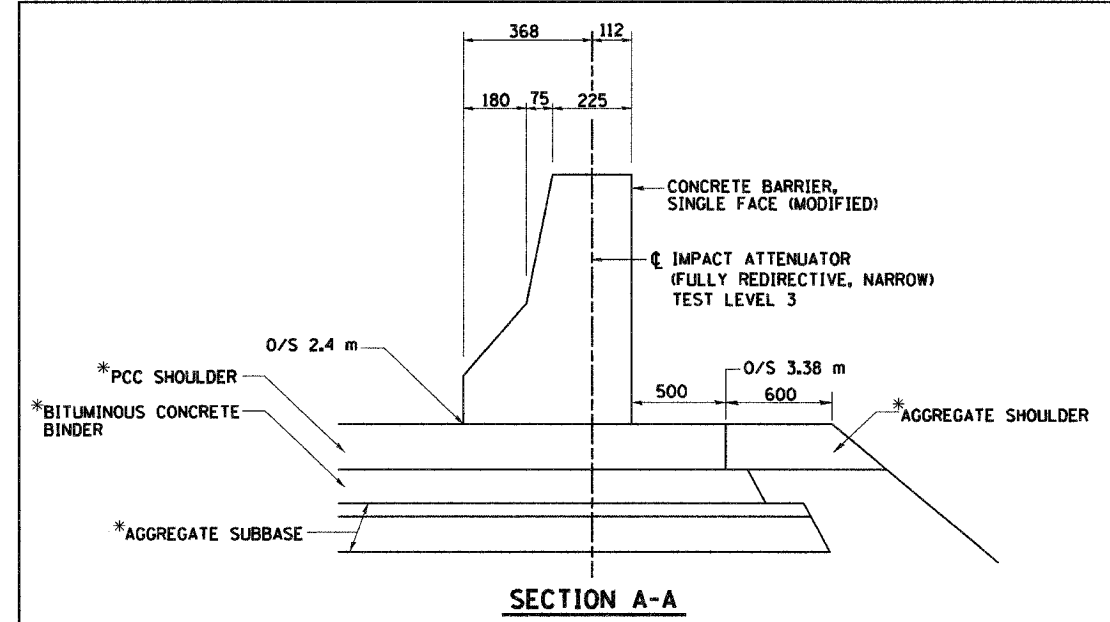
NOTE:
 SEE SHEET 3 OF 3 FOR SECTIONS D-D & E-E.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IMPACT ATTENUATOR DETAILS
 DRAWN BY SRS
 CHECKED BY RLS
 DATE 12/20/04

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	60-DR-2903(44)-R-1	TAZEWELL	1366	385
STA.		TO STA.		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		



* SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURE TYPES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IMPACT ATTENUATOR DETAILS
 DRAWN BY SRS
 CHECKED BY RLS
 DATE 12/20/04



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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-11)R-2; 90(13,14,14-1)R-1	TAZEWELL	1366	386
STA. 152+445.837		TO STA.	153+892.180	
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

1. DURING ROADWAY CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS, AS OUTLINED PREVIOUSLY 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 THAT 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) 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 THEY SHALL FOLLOW THE FOLLOWING STEPS AS DIRECTED BY THE ENGINEER:

I PLACE TEMPORARY EROSION CONTROL SYSTEMS AT LOCATIONS WHERE WATER LEAVES AND RETURNS FROM THE CONSTRUCTION ZONE.

II TEMPORARILY SEED HIGHLY ERODIBLE AREAS OUTSIDE THE CONSTRUCTION SLOPE LIMITS.

III CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.

IV TEMPORARILY 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 PLACING PERMANENT EROSION CONTROL SUCH AS RIPRAP, OR DITCH LINING, AND CONDUCT FINAL SHAPING TO THE SLOPES.

(D) EXCAVATED AREAS AND EMBANKMENTS SHALL BE PERMANENTLY SEEDED OR SODDED WHEN FINAL GRADED. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR FOURTEEN DAYS.

(E) 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.

(F) THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT ON A REGULAR BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.

(G) 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. PERIMETER BARRIER SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% OF THE HEIGHT OF THE CONTROL DEVICE. THE COST OF THE MAINTENANCE AND CLEANING OF THE EROSION AND SEDIMENT CONTROL ITEMS SHALL BE INCLUDED IN THE RESPECTIVE PAY ITEMS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

(H) THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER EVERY USE IF NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE TEMPORARY EROSION CONTROL SYSTEM. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DESCRIPTIONS OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

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.

ONCE EROSION CONTROL SYSTEMS AND ITEMS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED, AND DISTURBED TURF RE SEEDED OR SODDED.

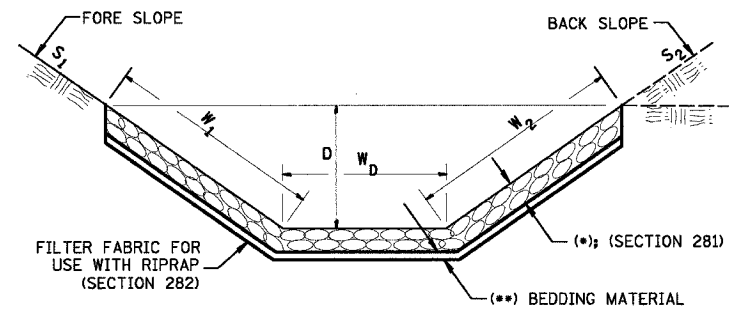
REVISIONS	
NAME	DATE



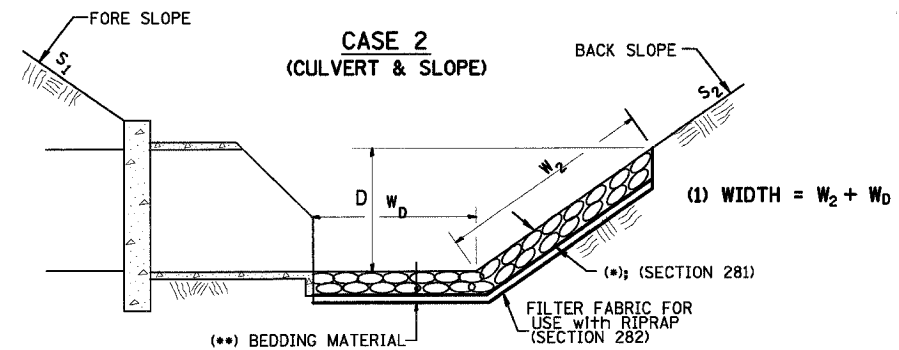
ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 74 (I-74)
 EROSION CONTROL PLAN
 GENERAL NOTES
 DRAWN BY RTG
 CHECKED BY RTG
 DATE 12-20-2004

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	(90-11R-2) 90(13,14,14-1)R-1	TAZEWELL	1366	387
STA. 152+445.837		TO STA.	153+892.180	
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

**CASE 1
(DITCH)**

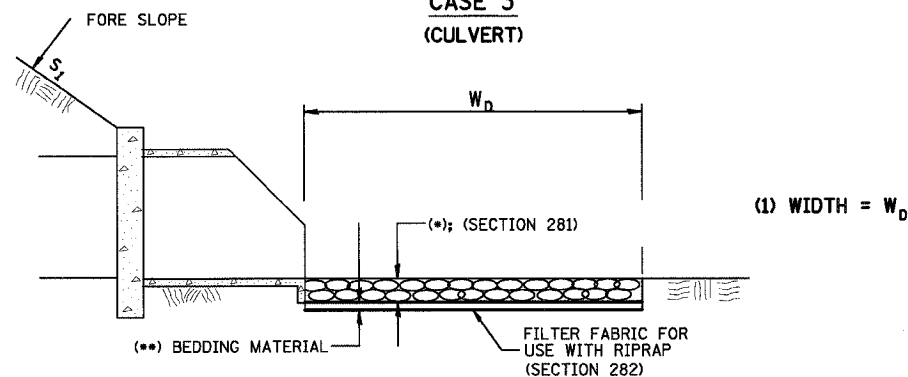


CASE 1					
LOCATION	STATION OFFSET	LENGTH (METER)	W ₂ (METER)	FILTER FABRIC AREA	STONE DUMPED RIPRAP, CLASS A4
N. MAIN S	2+580, 22 RT	19.9	4.2	84	84
N. MAIN S	+589.9, 24.4	7.9	4.2	33	33
TOTALS				117	117



CASE 2									
LOCATION	PIPE NUMBER	STRUCTURE NUMBER	STATION OFFSET	D (mm)	W ₂ (METER)	W ₀ (METER)	WIDTH (1)	FILTER FABRIC AREA	STONE DUMPED RIPRAP, CLASS A4
I-74	337	129	153+081, 32.15 LT	300	0.3	1.2	1.5	1	1
RAMP J-3	338	131	10+315, 9.00 LT	300	0.3	1.2	1.5	1	1
I-74	321	106	153+449, 22.76 LT	300	0.3	1.2	1.5	1	1
RAMP J-4	328	113	10+256, 25.0 RT	300	0.3	1.2	1.5	1	1
RAMP J-4	330	116	10+187, 22.0 RT	300	0.3	1.2	1.5	1	1
RAMP J-4	332	119	10+119, 16.5 RT	300	0.3	1.2	1.5	1	1
RAMP J-4	305	83	10+060, 13.8 RT	600	0.6	1.2	1.8	1	1
RAMP K-2	340	134	10+176, 10.50 LT	600	0.6	1.2	1.8	1	1
RAMP K-2	341	136	10+100, 12.90 LT	300	0.3	1.2	1.5	1	1
I-74	342	138	153+754, 33.43 LT	300	0.3	1.2	1.5	1	1
TOTALS								13	13

**CASE 3
(CULVERT)**



CASE 3							
LOCATION	PIPE NUMBER	STRUCTURE NUMBER	STATION OFFSET	D (mm)	W ₀ (METER)	FILTER FABRIC AREA	STONE DUMPED RIPRAP, CLASS A4
RAMP J-3	310	91	+273, 36.72 LT	600	1.2	1	1
RAMP J-3	311	92	+199, 28.01 LT	600	1.2	1	1
I-74	324	108	2+515, 47.9 LT	300	1.2	1	1
I-74	323	110	2+590, 48.7 LT	300	1.2	1	1
RAMP J-3	309	90	290, 44.62 LT	600	1.2	1	1
I-74	339	133	+455, 19.12 LT	300	1.2	1	1
I-74	EXISTING	EXISTING	+543, 0.76 RT	914	1.2	1	1
TOTALS						7	7

RIP RAP NEEDED BENEATH RAMP K-2

LOCATION	STATION	LENGTH (METER)	WIDTH (METER)	FILTER FABRIC AREA	STONE DUMPED RIPRAP, CLASS A4 (SQ M)
UNDER RAMP K-2	10+435 TO 10+490	53.8	7.6	414	414
TOTALS				414	414

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. ROUTE 74 (I-74)
EROSION CONTROL PLAN
 DETAILS / SCHEDULE OF QUANTITIES
 DATE 12-20-2004
 DRAWN BY RTG
 CHECKED BY RTG

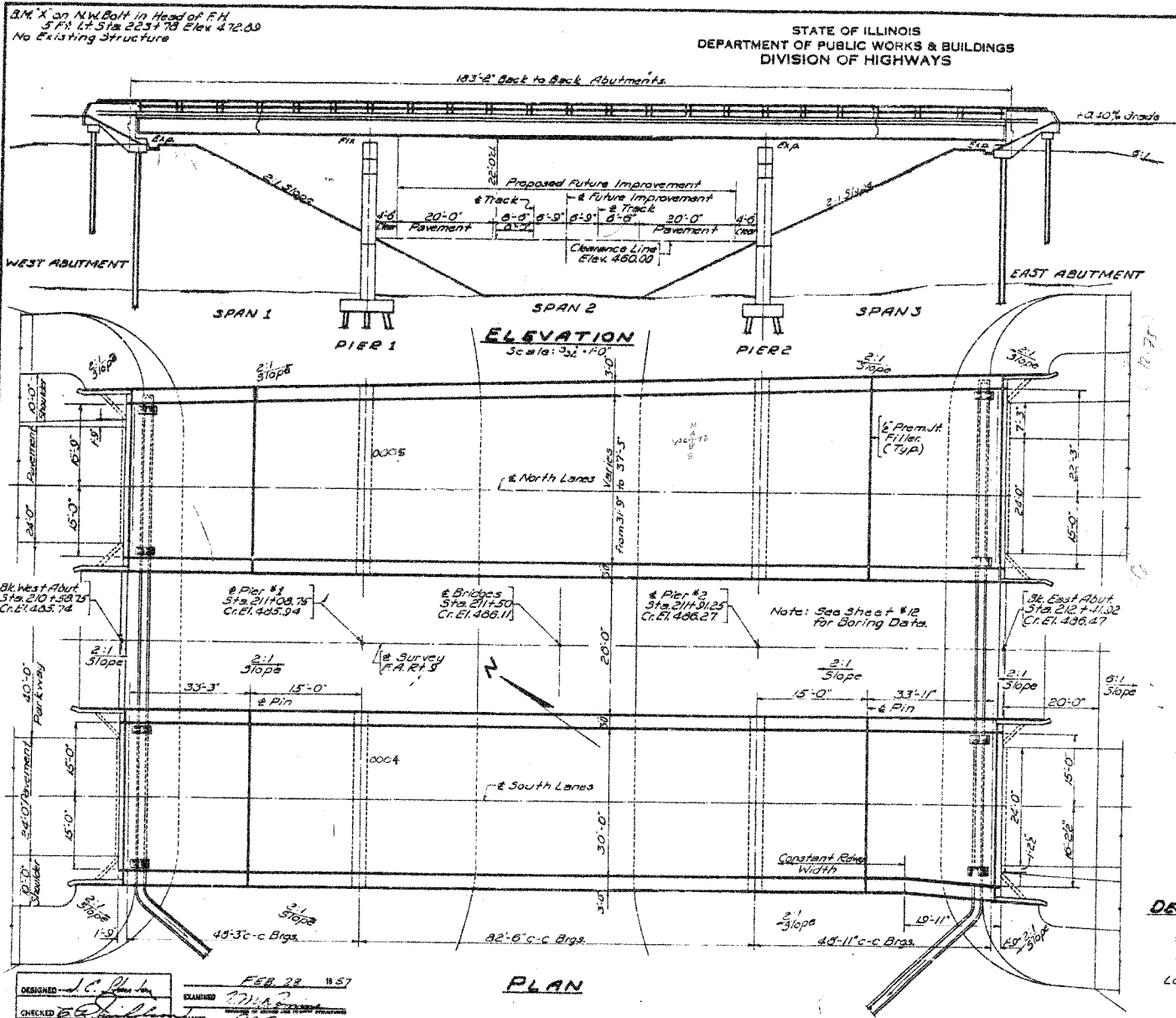


STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I.R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I-74	*	TAZEWELL	1366	388
FED. ROAD DIST. NO. 7			ILLINOIS FED. AID PROJECT	1 SHEETS

* (90-1DR-2; 90(13,14,14-DR-1

valued abutment



DATE	REVISION	BY	CHKD	APPD
1/6	1	TAEWELL	1/6	1/6

GENERAL NOTES

Rivets 3/4" open hole 4/8" unless noted. Field connections riveted, except as otherwise noted or specified. High Tensile 5 strength bolts may be used in place of field rivets. See Special Provisions. Provide one 1/2" and 3/8" shims for rail connections to 50% of posts.

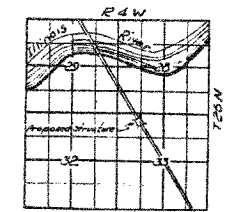
All rollers, rockers, bolsters, bearing plates, lead plates, pintles, and anchor bolts shall be fabricated and set in accordance with Article 51.4 of the Standard Specifications and are included for payment as structural steel. The roadway expansion guards shall be fabricated to fit the crown of roadway. Class X Concrete shall be used throughout. The concrete floor slab shall be finished in accordance with Article 51.10 of the Standard Specifications. The following surfaces of expansion guards shall be given two shop coats of red lead paint; exposed legs of angles. Expansion guards are included for payment as structural steel except as otherwise provided, all structural steel shall receive paint. See Art 51.1 to 51.5 inclusive of the Std. Specs. All paint shall be furnished and applied by the Contractor. The Contractor shall drive & test piles (in permanent location as noted on the Plans) as directed by the Engineer before ordering the remainder of Piles. Boring Data are shown on the drawings only as a guide to guides in estimating soil conditions which may be encountered in the work. Precure holes for piling down to natural ground line.

TOTAL BILL OF MATERIAL SEC. 90-11-V8

ITEM	Supp	Sub	Total
Structural Steel (Erection)	Lbs.	493,490	493,490
Metal Handrail (Erection)	Lin. Ft.	705	56
Class X Concrete	Cu. Yds.	373.3	553.3
Reinforcement Bars	Lbs.	27,500	60,270
Cast Iron Frames	Each	2	2
Steel Piles - 12" x 12"	Lin. Ft.	3,315	3,315
Steel Piles - 8" x 8"	Lin. Ft.	4,400	4,400
Test Piles (Small) - 12" x 12"	Each	2	2
Test Piles (Small) - 8" x 8"	Each	2	2
Class A Excavation	Cu. Yds.	2	771
Name Plates	Each	2	2

DESIGN STRESSES

f_c = 1400 p.s.i. (Superstr)
 f_c = 900 p.s.i. (Substr)
 f_s = 20,000 p.s.i. (Ering)
 f_s = 18,000 p.s.i. (Struct)
 n = 10
 Loading H20-5.16-44



DESIGNED: C. P. ...
 CHECKED: R. J. ...
 DRAWN: ...
 FEB 22 1957
 APPROVED: R. J. ...

GENERAL PLAN & ELEVATION
 BRIDGE OVER
 T.P. & W.R.R.
 F.A.I.R.T.E. SEC. 90-11-V8
 TAZEWELL COUNTY
 STATION 211+50



FOR INFORMATION ONLY



TAZEWELL COUNTY
 EXISTING STRUCTURE PLAN AT
 PROPOSED STRUCTURE NO. 090-0159

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB	TAZEWELL	1366	389
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

B. M. #29 : Chiseled "+" on S.E. cap bolt of fire hydrant surrounded by four red steel posts, 61 m "+" north of northwest corner Hagerty Bros. Steel Warehouse and 46 m S.E. of United Facilities Warehouse. Elev. 140.406

Existing Structure : S. N. 090-0005 is three span bridge built as F.A.I. Rte. 74, Section (90-11VB) in 1958. The superstructure consists of a R.C. deck 55.1 m long by 9.68 to 11.353 m wide supported on wide flange steel stringers. Remove Existing Structure. No salvage.

Staging Note : Westbound and Eastbound traffic will be maintained on the new Eastbound structure while the existing Westbound structure is removed and replaced. At the end of Westbound structure construction Westbound traffic will be shifted back to the new Westbound structure.

DESIGN SPECIFICATIONS

1996 AASHTO W/1997, 1998 & 1999 Interims

LOADING MS18 & ALT.

Allow 2.4 kN/m² for future wearing surface.

DESIGN STRESSES

FIELD UNITS

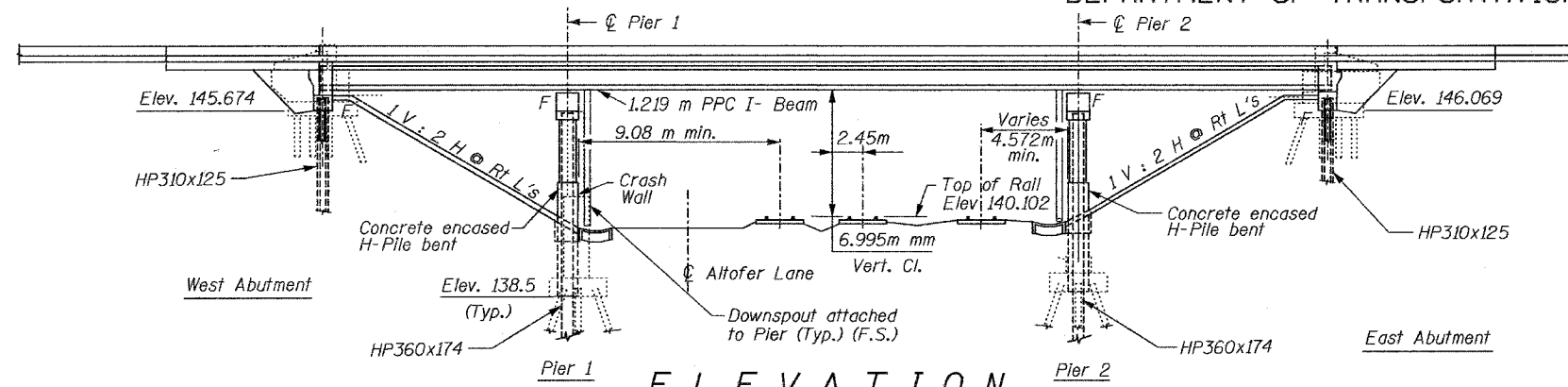
f' c = 24 MPa
f y = 400 MPa (Reinf.)

PRECAST PRESTRESSED UNITS

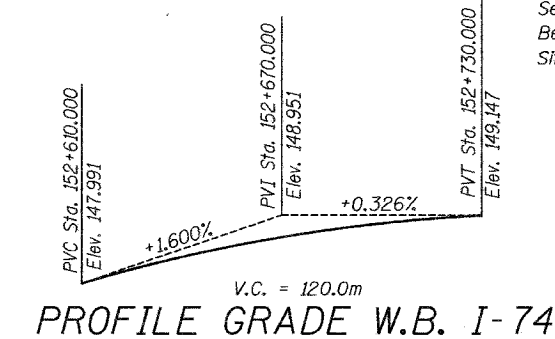
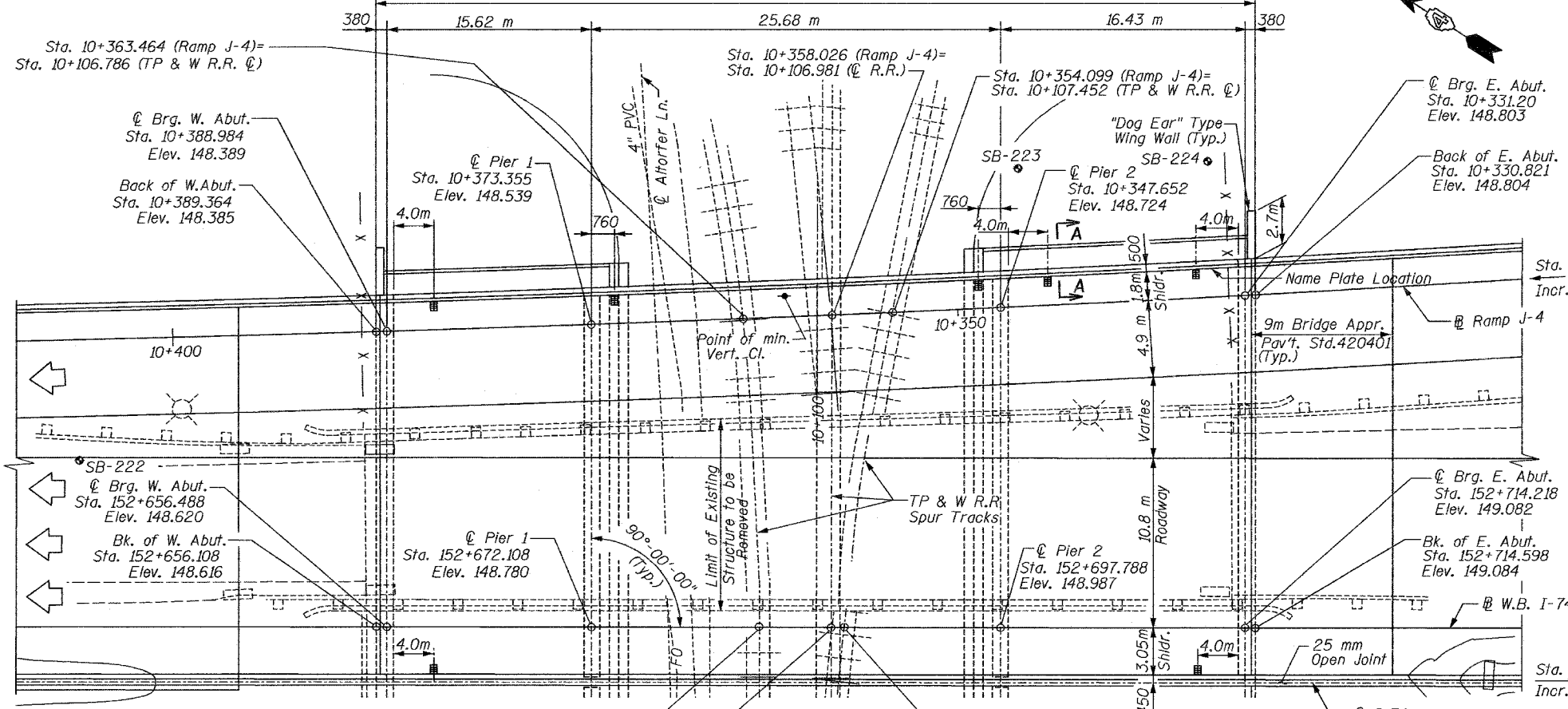
f' c = 42 MPa
f' ci = 35 MPa
f' s = 1,860 MPa (12.7 mm ϕ low lax. strands)
f si = 1,395 MPa (12.7 mm ϕ low lax. strands)

SEISMIC DATA

Seismic Performance Category (SPC) = A
Bedrock Acceleration Coefficient (A) = 0.043g
Site Coefficient(S) = 1.0



58.49 m Bk. to Bk. of Abutments



STATION 152+685.353
BUILT 200_ BY
STATE OF ILLINOIS
F.A.I. RTE. 74 SEC. (90-11VB)BR
LOADING MS18 & ALT.
STRUCTURE NO. 090-0159

NAME PLATE

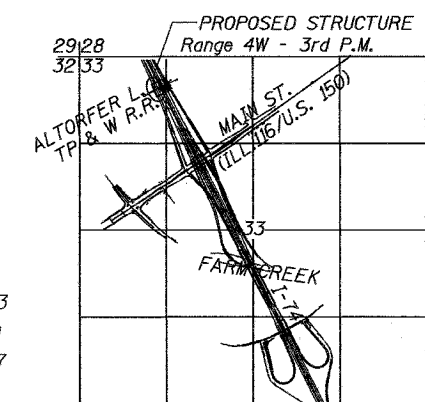
See Std. 515001

TOP OF RAIL ELEVATIONS - TP & W.R.R.

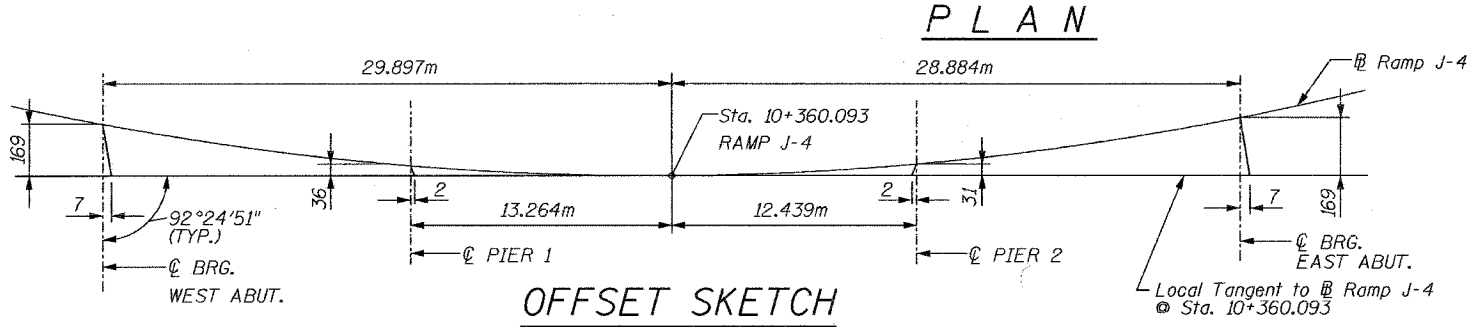
CURVE DATA

RAMP J-4	WEST TRACK	SPUR TRACK
$\Delta = 5^{\circ}46'11''$	$\Delta = 16^{\circ}32'35''$	$\Delta = 4^{\circ}39'44''$
R = 2465.300 m	R = 122.146 m	R = 370.570 m
T = 124.234 m	T = 17.757 m	T = 15.085 m
L = 248.258 m	L = 35.267 m	L = 30.153 m
E = 3.128 m	E = 1.284 m	E = 0.307 m
PC = 10+166.422	PC = 10+099.774	PC = 10+092.673
PI = 10+290.656	PI = 10+117.408	PI = 10+107.750
PT = 10+414.680	PT = 10+135.041	PT = 10+122.827

SE = Normal Crown
Transition in : NA
Transition out : NA



NOTE
The spur Tracks Begin at Mile Post 109.5 on the T.P. & W.R.R. Main Tracks.



Note:
Spur tracks begin at Mile Post 109.5 on the TP&W R.R. Main Tracks. For Section A-A, see Sheet 3 of 33.

All dimensions are in millimeters (mm) except as noted.
All stations and elevations are in meters (m).

DANNY L. CHILTON
Illinois Structural No. 4045
Date: 12/02/04



GENERAL PLAN AND ELEVATION			
Date	Designed JML	INTERSTATE 74 AND RAMPS J-4 OVER ALTOFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)	Sheet No.
Revisions	Drawn JEH		1
	Checked RME		of 33
	Approved DLC		URS Job No. 2100001243.02
Date: 7-21-04			

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB/BR	TAZEWELL	1366	330
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

GENERAL NOTES

1. Reinforcement bars shall conform to the requirements of AASHTO M 31M, M 322M Grade 400.
2. Slope walls shall be reinforced with welded wire fabric, 152 x 152 - MW25.8 x MW25.8 with a mass of 2.91 kg/m².
3. The embankment configuration shown shall be the minimum embankment that must be constructed prior to construction of the abutments.
4. All dimensions are in millimeters (mm) except as noted.
5. The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
6. 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.
7. A minimum vertical clearance of 6.4m from top of rails and a minimum lateral clearance of 3.66m from the centerline of tracks to nearest temporary excavation shall be maintained during construction.

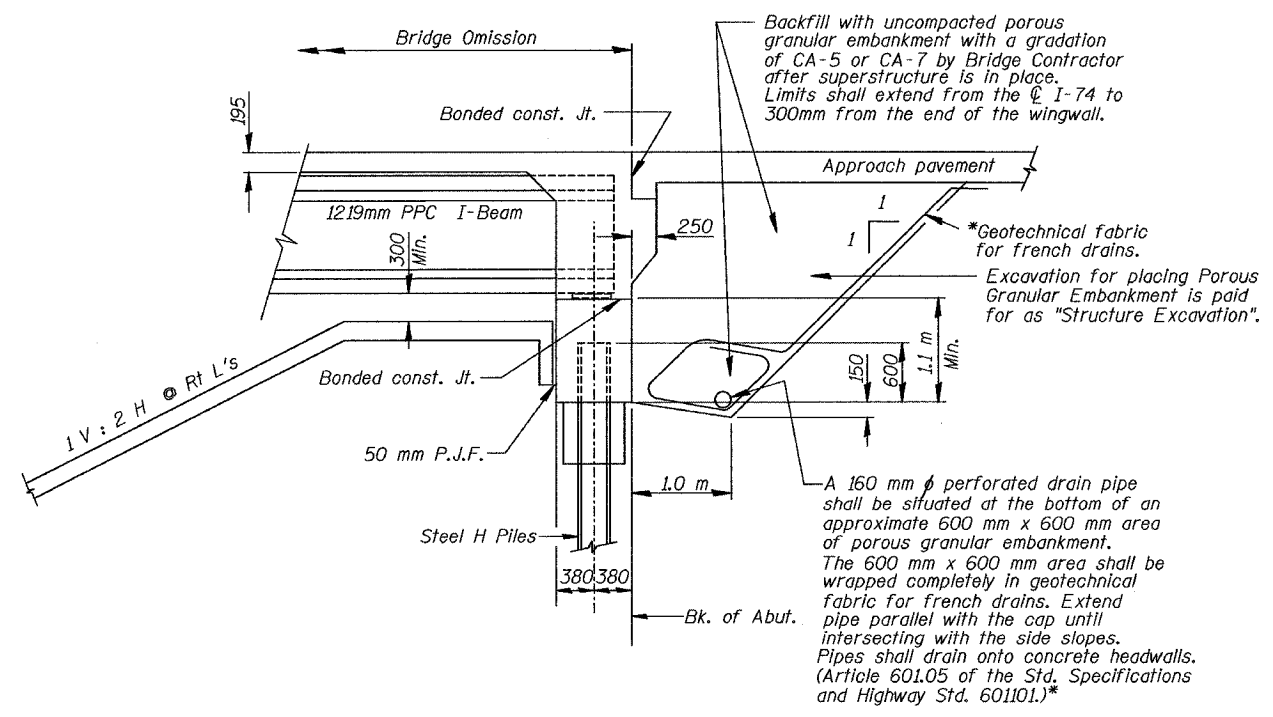
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TOTAL BILL OF MATERIAL

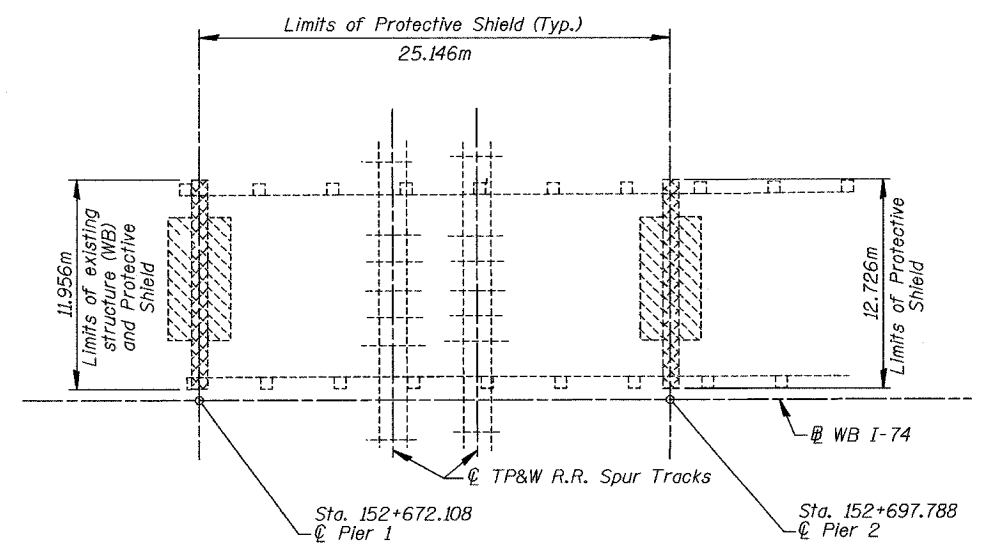
ITEM	UNIT	SUPER	SUB	TOTAL
Porous Granular Embankment	m ³		360	360
Removal of Existing Structures No. 2	Each			1
Structure Excavation	m ³		378	378
Concrete Structures	m ³		265.5	265.5
Concrete Superstructures	m ³	436.9		436.9
Bridge Deck Grooving	m ²	1457		1457
Protective Coat	m ²	1624		1624
Furnishing and Erecting Precast Prestressed Concrete I-Beams, 1219 mm	Meter	695.5		695.5
Reinforcement Bars (Epoxy Coated)	kg	58290	16000	74290
Slope Wall 100 mm	m ²		1064	1064
Furnishing Steel Piles HP 310 x 125	Meter		603.3	603.3
Furnishing Steel Piles HP 360 X 174	Meter		626.8	626.8
Driving Steel Piles	Meter		1230.1	1230.1
Test Pile Steel HP 310 X 125	Each		1	1
Test Pile Steel HP 360 X 174	Each		1	1
Name Plates	Each	1		1
Drainage System	Lump Sum		0.19	0.19
Protective Shield	m ²	310		310
Bar Splicers	Each	172		172
Drainage Scuppers, DS-11	Each	7		7
Preformed Joint Seal, 64mm	Meter	58.5		58.5
Permanent Survey Markers, Type 1	Each		1	1

INDEX OF DRAWINGS

- 1 GENERAL PLAN AND ELEVATION
- 2 GENERAL NOTES, INDEX OF SHEETS, AND TOTAL BILL OF MATERIAL
- 3 SLOPEWALL AND TEMPORARY SHEET PILING DETAILS
- 4 SUBSTRUCTURE LAYOUT
- 5-8 TOP OF SLAB ELEVATIONS
- 9-10 SUPERSTRUCTURE
- 11 SUPERSTRUCTURE DETAILS
- 12 MEDIAN BARRIER DETAILS
- 13 FRAMING PLAN
- 14-15 BEAM ELEVATION AND DETAILS
- 16-17 DIAPHRAGM DETAILS
- 18-19 WEST ABUTMENT
- 20-21 EAST ABUTMENT
- 22-23 PIER 1
- 24 PIER 1 DETAILS
- 25-26 PIER 2
- 27 PIER 2 DETAILS
- 28 BAR SPLICERS
- 29 ANCHOR BOLT DETAILS
- 30 DRAINAGE SCUPPERS
- 31-33 BORING LOGS



SECTION THRU INTEGRAL ABUTMENT



PROTECTIVE SHIELD DETAIL

All dimensions are in millimeters (mm) except as noted.
All stations and elevations are in meters (m).

GENERAL NOTES, INDEX OF SHEETS, TOTAL BILL OF MATERIALS

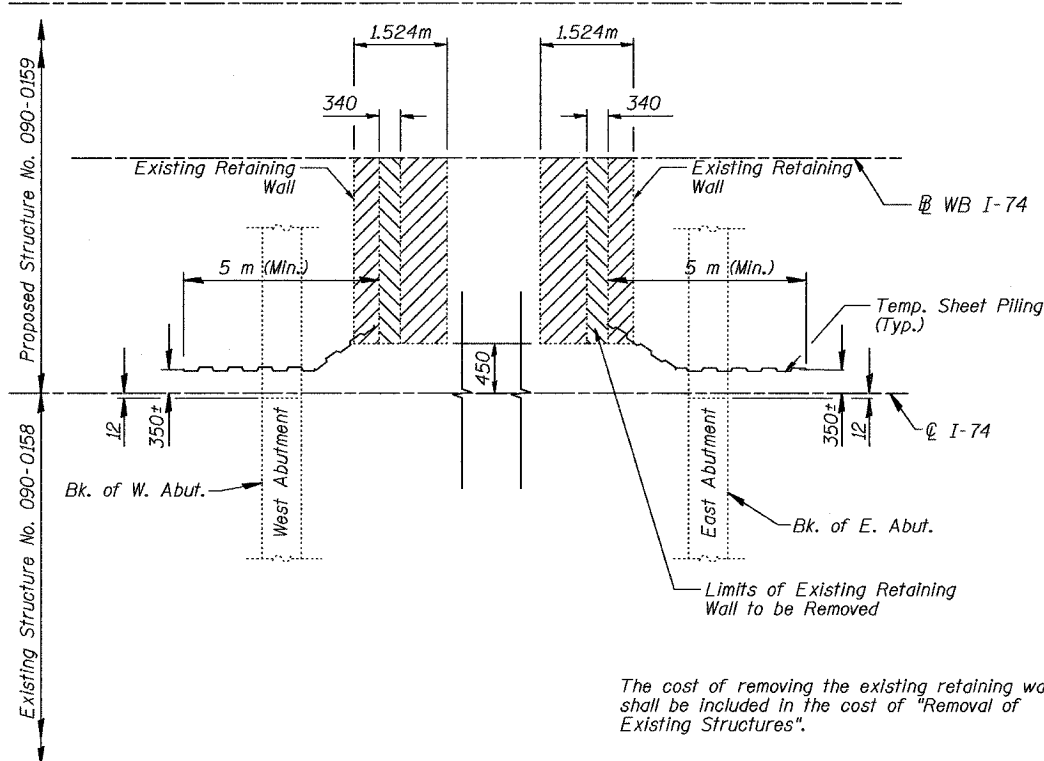
Date	Designed JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159(WB)	Sheet No.
Revisions	Drawn JEH		2
	Checked RME		of 33
	Approved DLC		URS Job No. 2100001243.02
Date: 7-21-04			



*Included in the Cost of Porous Granular Embankment.

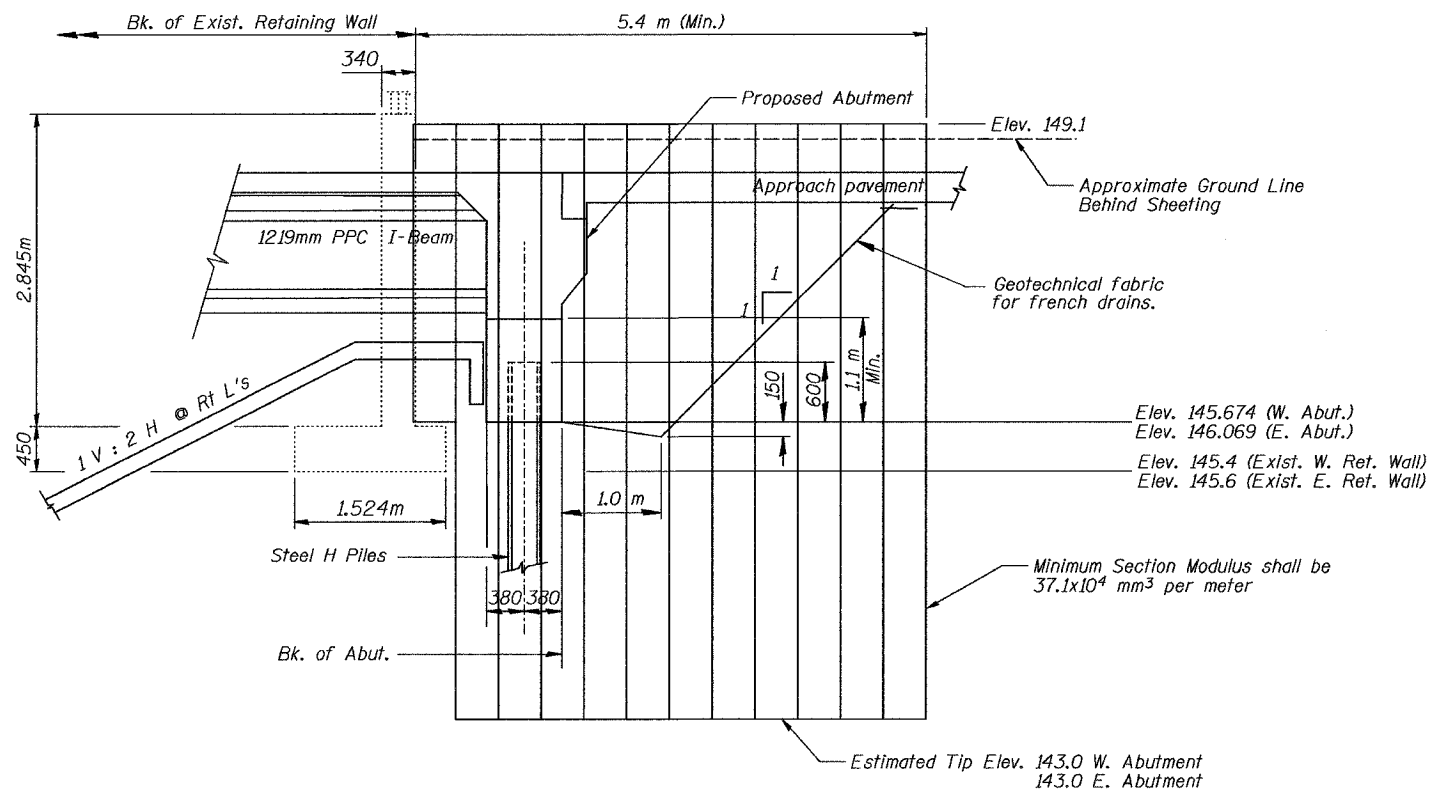
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB/BR	TAZEWELL	1366	391
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	



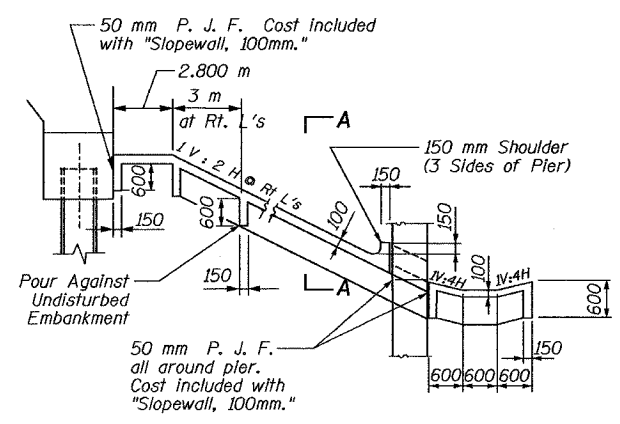
PLAN OF TEMPORARY SHEET PILING

Temporary sheet piling, furnished during the construction of Structure No. 090-0158, shall be removed as necessary to construct the east and west abutments of Structure No. 090-0159 while maintaining traffic on Structure No. 090-0158.

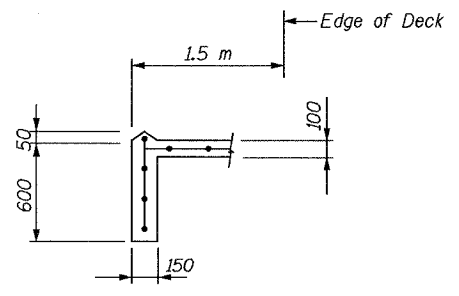


TEMPORARY SHEET PILING AT ABUTMENTS

For information only.



SECTION THRU SLOPEWALL



SECTION A-A

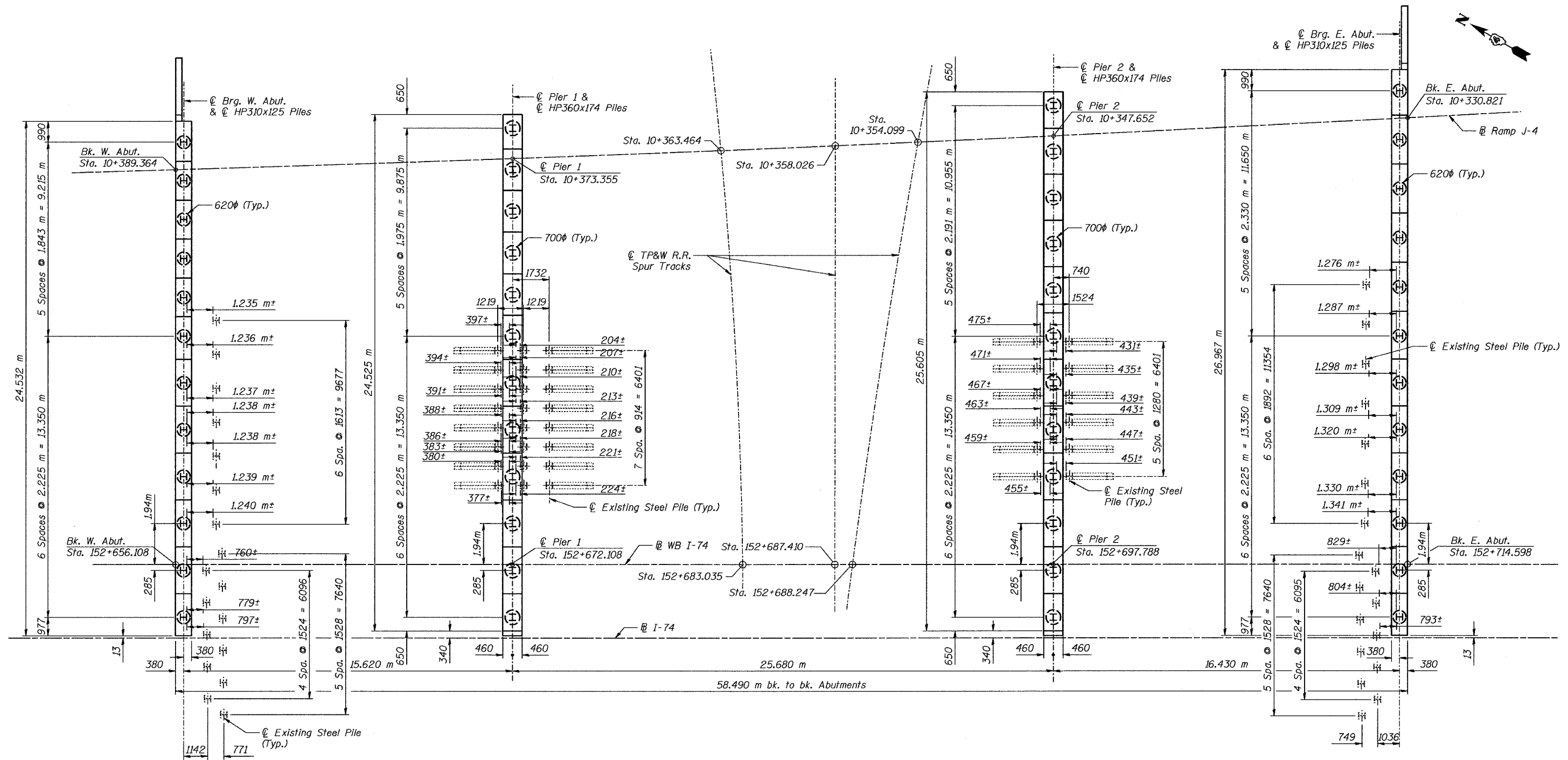
All temporary sheet piling provided during construction of structure No. 090-0158 (EB).
All dimensions are in millimeters (mm) except as noted.

SLOPEWALL AND TEMPORARY SHEET PILING DETAILS				
Date	Designed	JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)	Sheet No. 3 of 33
Revisions	Drawn	JEH		
	Checked	RME		
	Approved	DLC		
Date: 7-21-04			URS Job No. 2100001243.02	



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB)BR	TAZEWELL	1366	372
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		



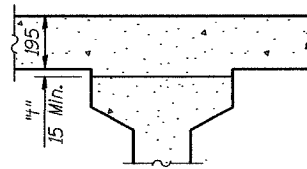
Note: Dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions in the field. If any proposed pile locations are in conflict with existing piles, the contractor shall notify the Engineer immediately and stop all work related to the piles in conflict. The Contractor is not to start any work related to the piles in conflict until the appropriate remedies are determined and approval is given by the Engineer.

All stations and elevations are in meters (m).
All dimensions are in millimeters (mm) except as noted.

SUBSTRUCTURE LAYOUT			
Date	Designed	JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)
Revisions	Drawn	KDK	
	Checked	RME	
	Approved	DLC	
Date: 7-21-04			Sheet No. 4 of 33
URS CORPORATION ST. LOUIS, MO			URS Job No. 2100001243.02

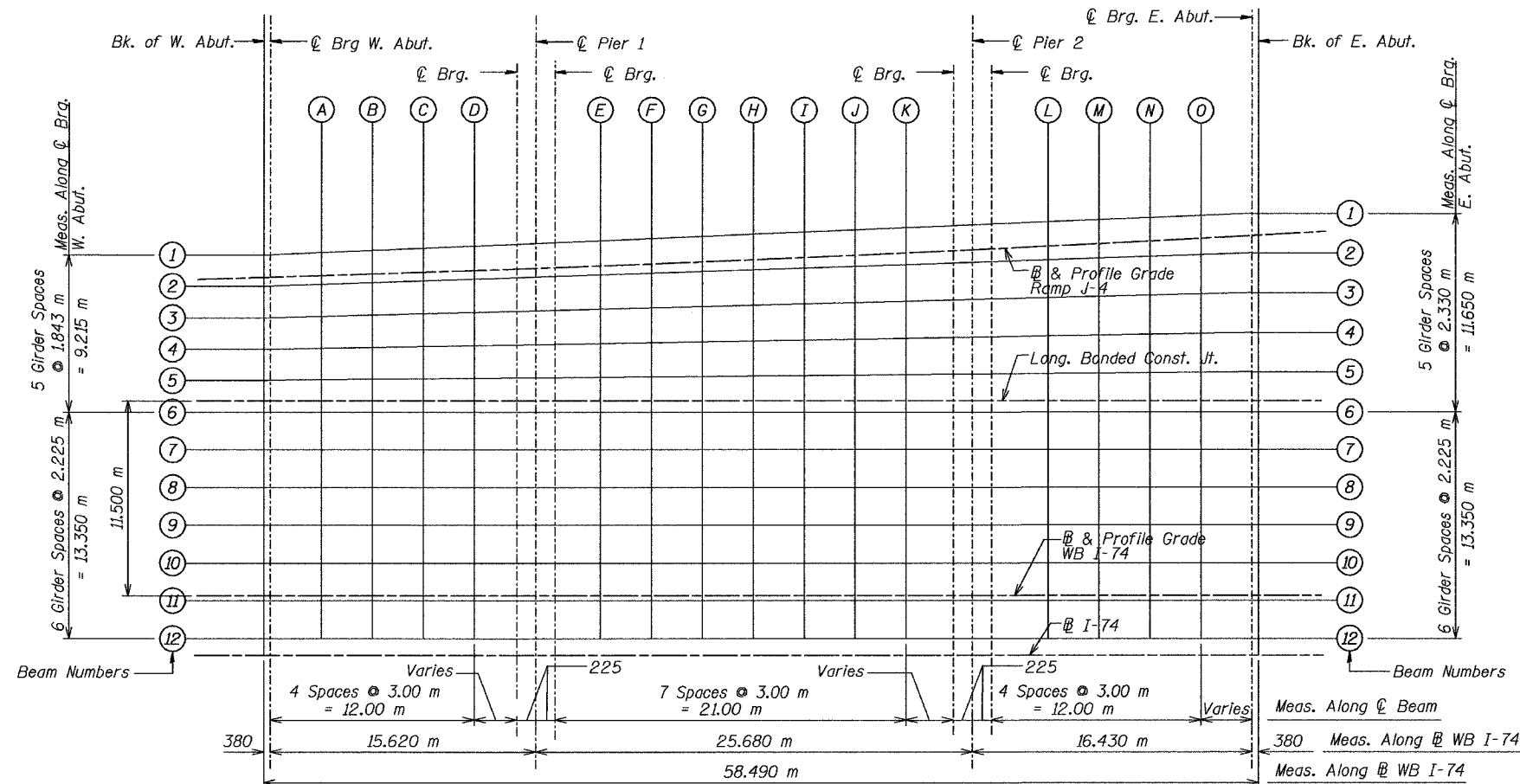
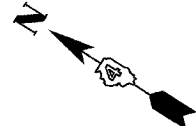
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB	TAZEWELL	1366	393
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

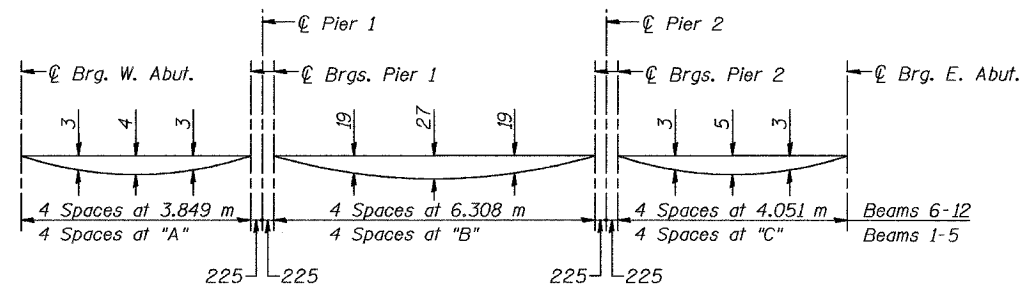


To determine "f": After all precast prestressed beams have been erected, elevations of the top flanges of the beams shall be taken at intervals shown below. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflections" minus slab thickness, equals the fillet heights "f" above top flanges of beams.

FILLET HEIGHTS



PLAN



DEAD LOAD DEFLECTION DIAGRAM

(Includes weight of concrete, excluding beams).

Note: The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on sheets no. 6, 7 & 8 of 33.

Beam	A	B	C
1	3.852	6.311	4.055
2	3.851	6.310	4.054
3	3.850	6.308	4.053
4	3.849	6.308	4.052
5	3.849	6.308	4.051

Notes:

All dimensions are in millimeters (mm) except as noted. Work this sheet with sheets no. 6, 7 & 8 of 33.

TOP OF SLAB ELEVATIONS		Sheet No.
Date	Designed JLK	5 of 33
Revisions	Drawn KDK	
	Checked RME	
	Approved DLC	
INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)		URS Job No. 2100001243.02
URS CORPORATION ST. LOUIS, MO		
Date: 7-21-04		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB1B	TAZEWELL	1366	394
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

BEAM 1

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-20.039	148.359	148.359
☉ Brg. W. Abut.	152+656.488	-20.055	148.363	148.363
A	152+659.485	-20.181	148.393	148.395
B	152+662.483	-20.308	148.422	148.425
C	152+665.480	-20.434	148.451	148.454
D	152+668.477	-20.561	148.478	148.480
☉ Brg. Pier 1	152+671.883	-20.704	148.508	148.508
☉ Pier 1	152+672.108	-20.714	148.510	148.510
☉ Brg. Pier 1	152+672.333	-20.723	148.512	148.512
E	152+675.330	-20.850	148.537	148.546
F	152+678.327	-20.976	148.561	148.578
G	152+681.325	-21.103	148.584	148.607
H	152+684.322	-21.229	148.606	148.631
I	152+687.319	-21.355	148.628	148.652
J	152+690.317	-21.482	148.648	148.668
K	152+693.314	-21.608	148.667	148.680
☉ Brg. Pier 2	152+697.563	-21.788	148.693	148.693
☉ Pier 2	152+697.788	-21.797	148.695	148.695
☉ Brg. Pier 2	152+698.013	-21.806	148.696	148.696
L	152+701.010	-21.933	148.713	148.715
M	152+704.007	-22.059	148.729	148.733
N	152+707.005	-22.186	148.744	148.748
O	152+710.002	-22.312	148.758	148.761
☉ Brg. E. Abut.	152+714.218	-22.490	148.776	148.776
Bk. of E. Abut.	152+714.598	-22.506	148.778	148.778

PROFILE GRADE RAMP J-4

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-18.735	148.385	148.385
☉ Brg. W. Abut.	152+656.488	-18.747	148.389	148.389
A	152+659.485	-18.840	148.420	148.422
B	152+662.482	-18.937	148.450	148.453
C	152+665.479	-19.037	148.479	148.482
D	152+668.476	-19.141	148.506	148.508
☉ Brg. Pier 1	152+671.883	-19.264	148.537	148.537
☉ Pier 1	152+672.108	-19.272	148.539	148.539
☉ Brg. Pier 1	152+672.333	-19.280	148.540	148.540
E	152+675.329	-19.392	148.566	148.576
F	152+678.326	-19.508	148.590	148.608
G	152+681.322	-19.628	148.614	148.637
H	152+684.318	-19.751	148.636	148.662
I	152+687.314	-19.878	148.657	148.682
J	152+690.310	-20.009	148.677	148.697
K	152+693.306	-20.143	148.697	148.710
☉ Brg. Pier 2	152+697.563	-20.340	148.722	148.722
☉ Pier 2	152+697.788	-20.350	148.724	148.724
☉ Brg. Pier 2	152+698.013	-20.361	148.725	148.725
L	152+701.008	-20.505	148.741	148.744
M	152+704.003	-20.652	148.757	148.761
N	152+706.998	-20.803	148.771	148.776
O	152+709.993	-20.957	148.785	148.788
☉ Brg. E. Abut.	152+714.218	-21.181	148.802	148.802
Bk. of E. Abut.	152+714.598	-21.202	148.804	148.804

BEAM 2

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-18.199	148.396	148.396
☉ Brg. W. Abut.	152+656.488	-18.212	148.400	148.400
A	152+659.486	-18.313	148.431	148.433
B	152+662.485	-18.414	148.460	148.463
C	152+665.483	-18.516	148.489	148.492
D	152+668.481	-18.617	148.517	148.519
☉ Brg. Pier 1	152+671.883	-18.731	148.547	148.547
☉ Pier 1	152+672.108	-18.739	148.549	148.549
☉ Brg. Pier 1	152+672.333	-18.747	148.551	148.551
E	152+675.331	-18.848	148.577	148.587
F	152+678.329	-18.949	148.601	148.619
G	152+681.328	-19.050	148.625	148.648
H	152+684.326	-19.151	148.648	148.674
I	152+687.324	-19.253	148.670	148.695
J	152+690.323	-19.354	148.691	148.711
K	152+693.321	-19.455	148.711	148.724
☉ Brg. Pier 2	152+697.563	-19.598	148.737	148.737
☉ Pier 2	152+697.788	-19.606	148.738	148.738
☉ Brg. Pier 2	152+698.013	-19.613	148.740	148.740
L	152+701.011	-19.714	148.757	148.760
M	152+704.009	-19.816	148.774	148.778
N	152+707.008	-19.917	148.789	148.794
O	152+710.006	-20.018	148.804	148.807
☉ Brg. E. Abut.	152+714.218	-20.160	148.823	148.823
Bk. of E. Abut.	152+714.598	-20.173	148.824	148.824

BEAM 3

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-16.359	148.433	148.433
☉ Brg. W. Abut.	152+656.488	-16.369	148.437	148.437
A	152+659.487	-16.445	148.468	148.470
B	152+662.486	-16.521	148.498	148.501
C	152+665.485	-16.597	148.527	148.530
D	152+668.484	-16.673	148.556	148.558
☉ Brg. Pier 1	152+671.883	-16.759	148.587	148.587
☉ Pier 1	152+672.108	-16.764	148.589	148.589
☉ Brg. Pier 1	152+672.333	-16.770	148.591	148.591
E	152+675.332	-16.846	148.617	148.627
F	152+678.331	-16.922	148.642	148.660
G	152+681.330	-16.998	148.666	148.689
H	152+684.329	-17.074	148.690	148.716
I	152+687.328	-17.149	148.712	148.737
J	152+690.327	-17.225	148.733	148.753
K	152+693.326	-17.301	148.754	148.767
☉ Brg. Pier 2	152+697.563	-17.409	148.781	148.781
☉ Pier 2	152+697.788	-17.414	148.782	148.782
☉ Brg. Pier 2	152+698.013	-17.420	148.784	148.784
L	152+701.012	-17.496	148.802	148.805
M	152+704.011	-17.572	148.819	148.823
N	152+707.010	-17.648	148.835	148.840
O	152+710.009	-17.723	148.850	148.853
☉ Brg. E. Abut.	152+714.218	-17.830	148.869	148.869
Bk. of E. Abut.	152+714.598	-17.840	148.871	148.871

BEAM 4

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-14.520	148.469	148.469
☉ Brg. W. Abut.	152+656.488	-14.526	148.474	148.474
A	152+659.488	-14.577	148.505	148.507
B	152+662.487	-14.627	148.536	148.539
C	152+665.487	-14.678	148.566	148.569
D	152+668.486	-14.728	148.595	148.597
☉ Brg. Pier 1	152+671.883	-14.786	148.626	148.626
☉ Pier 1	152+672.108	-14.790	148.628	148.628
☉ Brg. Pier 1	152+672.333	-14.793	148.630	148.630
E	152+675.333	-14.844	148.657	148.666
F	152+678.332	-14.895	148.683	148.701
G	152+681.332	-14.945	148.707	148.730
H	152+684.331	-14.996	148.731	148.757
I	152+687.331	-15.046	148.754	148.779
J	152+690.330	-15.097	148.776	148.796
K	152+693.330	-15.148	148.797	148.810
☉ Brg. Pier 2	152+697.563	-15.219	148.825	148.825
☉ Pier 2	152+697.788	-15.223	148.826	148.826
☉ Brg. Pier 2	152+698.013	-15.227	148.827	148.827
L	152+701.013	-15.277	148.846	148.849
M	152+704.012	-15.328	148.863	148.867
N	152+707.012	-15.378	148.880	148.885
O	152+710.011	-15.429	148.896	148.899
☉ Brg. E. Abut.	152+714.218	-15.500	148.916	148.916
Bk. of E. Abut.	152+714.598	-15.506	148.918	148.918

BEAM 5

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-12.680	148.506	148.506
☉ Brg. W. Abut.	152+656.488	-12.683	148.510	148.510
A	152+659.488	-12.708	148.543	148.545
B	152+662.488	-12.734	148.574	148.577
C	152+665.488	-12.759	148.604	148.607
D	152+668.488	-12.784	148.634	148.636
☉ Brg. Pier 1	152+671.883	-12.813	148.666	148.666
☉ Pier 1	152+672.108	-12.815	148.668	148.668
☉ Brg. Pier 1	152+672.333	-12.817	148.670	148.670
E	152+675.333	-12.842	148.697	148.706
F	152+678.333	-12.867	148.723	148.741
G	152+681.333	-12.893	148.748	148.771
H	152+684.333	-12.918	148.773	148.799
I	152+687.332	-12.943	148.796	148.821
J	152+690.332	-12.969	148.818	148.838
K	152+693.332	-12.994	148.840	148.853
☉ Brg. Pier 2	152+697.563	-13.030	148.868	148.868
☉ Pier 2	152+697.788	-13.031	148.870	148.870
☉ Brg. Pier 2	152+698.013	-13.033	148.871	148.871
L	152+701.013	-13.059	148.890	148.893
M	152+704.013	-13.084	148.908	148.912
N	152+707.013	-13.109	148.925	148.930
O	152+710.013	-13.135	148.942	148.945
☉ Brg. E. Abut.	152+714.218	-13.170	148.963	148.963
Bk. of E. Abut.	152+714.598	-13.173	148.964	148.964

Note: All stations and elevations are in meters (m).
All stations and offsets are given with respect to Profile Grade I-74 WB.
Elevations are at Top of Concrete.
Work this sheet with sheets no. 5, 7 & 8 of 33.

TOP OF SLAB ELEVATIONS			
Date	Designed	JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)
Revisions	Drawn	KDK	
	Checked	RME	
	Approved	DLC	
Date: 7-21-04			Sheet No. 6 of 33 URS Job No. 210001243.02



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB1B	TAZEWELL	1366	395
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

LONGITUDINAL BONDED CONSTRUCTION JOINT

BEAM 6

BEAM 7

BEAM 8

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-11.500	148.530	148.530
☉ Brg. W. Abut.	152+656.488	-11.500	148.534	148.534
A	152+659.488	-11.500	148.567	148.569
B	152+662.488	-11.500	148.599	148.602
C	152+665.488	-11.500	148.629	148.632
D	152+668.488	-11.500	148.659	148.661
☉ Brg. Pier 1	152+671.883	-11.500	148.692	148.692
☉ Pier 1	152+672.108	-11.500	148.694	148.694
☉ Brg. Pier 1	152+672.333	-11.500	148.696	148.696
E	152+675.333	-11.500	148.724	148.734
F	152+678.333	-11.500	148.750	148.768
G	152+681.333	-11.500	148.776	148.800
H	152+684.333	-11.500	148.801	148.827
I	152+687.333	-11.500	148.825	148.850
J	152+690.333	-11.500	148.848	148.869
K	152+693.333	-11.500	148.870	148.883
☉ Brg. Pier 2	152+697.563	-11.500	148.899	148.899
☉ Pier 2	152+697.788	-11.500	148.901	148.901
☉ Brg. Pier 2	152+698.013	-11.500	148.902	148.902
L	152+701.013	-11.500	148.921	148.924
M	152+704.013	-11.500	148.940	148.944
N	152+707.013	-11.500	148.958	148.963
O	152+710.013	-11.500	148.974	148.977
☉ Brg. E. Abut.	152+714.218	-11.500	148.996	148.996
Bk. of E. Abut.	152+714.598	-11.500	148.998	148.998

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-10.840	148.543	148.543
☉ Brg. W. Abut.	152+656.488	-10.840	148.547	148.547
A	152+659.488	-10.840	148.580	148.582
B	152+662.488	-10.840	148.612	148.615
C	152+665.488	-10.840	148.643	148.646
D	152+668.488	-10.840	148.672	148.674
☉ Brg. Pier 1	152+671.883	-10.840	148.705	148.705
☉ Pier 1	152+672.108	-10.840	148.707	148.707
☉ Brg. Pier 1	152+672.333	-10.840	148.709	148.709
E	152+675.333	-10.840	148.737	148.747
F	152+678.333	-10.840	148.764	148.782
G	152+681.333	-10.840	148.789	148.813
H	152+684.333	-10.840	148.814	148.840
I	152+687.333	-10.840	148.838	148.863
J	152+690.333	-10.840	148.861	148.882
K	152+693.333	-10.840	148.883	148.896
☉ Brg. Pier 2	152+697.563	-10.840	148.912	148.912
☉ Pier 2	152+697.788	-10.840	148.914	148.914
☉ Brg. Pier 2	152+698.013	-10.840	148.915	148.915
L	152+701.013	-10.840	148.935	148.938
M	152+704.013	-10.840	148.953	148.957
N	152+707.013	-10.840	148.971	148.976
O	152+710.013	-10.840	148.987	149.000
☉ Brg. E. Abut.	152+714.218	-10.840	149.009	149.009
Bk. of E. Abut.	152+714.598	-10.840	149.011	149.011

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-8.615	148.588	148.588
☉ Brg. W. Abut.	152+656.488	-8.615	148.592	148.592
A	152+659.488	-8.615	148.625	148.627
B	152+662.488	-8.615	148.656	148.660
C	152+665.488	-8.615	148.687	148.691
D	152+668.488	-8.615	148.717	148.719
☉ Brg. Pier 1	152+671.883	-8.615	148.750	148.750
☉ Pier 1	152+672.108	-8.615	148.752	148.752
☉ Brg. Pier 1	152+672.333	-8.615	148.754	148.754
E	152+675.333	-8.615	148.781	148.791
F	152+678.333	-8.615	148.808	148.827
G	152+681.333	-8.615	148.834	148.859
H	152+684.333	-8.615	148.859	148.886
I	152+687.333	-8.615	148.883	148.909
J	152+690.333	-8.615	148.905	148.927
K	152+693.333	-8.615	148.927	148.941
☉ Brg. Pier 2	152+697.563	-8.615	148.957	148.957
☉ Pier 2	152+697.788	-8.615	148.958	148.958
☉ Brg. Pier 2	152+698.013	-8.615	148.960	148.960
L	152+701.013	-8.615	148.979	148.982
M	152+704.013	-8.615	148.998	149.002
N	152+707.013	-8.615	149.015	149.020
O	152+710.013	-8.615	149.032	149.035
☉ Brg. E. Abut.	152+714.218	-8.615	149.054	149.054
Bk. of E. Abut.	152+714.598	-8.615	149.055	149.055

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-6.390	148.628	148.628
☉ Brg. W. Abut.	152+656.488	-6.390	148.632	148.632
A	152+659.488	-6.390	148.665	148.667
B	152+662.488	-6.390	148.697	148.701
C	152+665.488	-6.390	148.728	148.732
D	152+668.488	-6.390	148.757	148.759
☉ Brg. Pier 1	152+671.883	-6.390	148.790	148.790
☉ Pier 1	152+672.108	-6.390	148.792	148.792
☉ Brg. Pier 1	152+672.333	-6.390	148.794	148.794
E	152+675.333	-6.390	148.822	148.832
F	152+678.333	-6.390	148.849	148.868
G	152+681.333	-6.390	148.874	148.899
H	152+684.333	-6.390	148.899	148.926
I	152+687.333	-6.390	148.923	148.949
J	152+690.333	-6.390	148.946	148.968
K	152+693.333	-6.390	148.968	148.982
☉ Brg. Pier 2	152+697.563	-6.390	148.997	148.997
☉ Pier 2	152+697.788	-6.390	148.999	148.999
☉ Brg. Pier 2	152+698.013	-6.390	149.000	149.000
L	152+701.013	-6.390	149.020	149.023
M	152+704.013	-6.390	149.038	149.042
N	152+707.013	-6.390	149.056	149.061
O	152+710.013	-6.390	149.072	149.075
☉ Brg. E. Abut.	152+714.218	-6.390	149.094	149.094
Bk. of E. Abut.	152+714.598	-6.390	149.096	149.096

BEAM 9

BEAM 10

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-4.165	148.661	148.661
☉ Brg. W. Abut.	152+656.488	-4.165	148.666	148.666
A	152+659.488	-4.165	148.698	148.700
B	152+662.488	-4.165	148.730	148.734
C	152+665.488	-4.165	148.761	148.765
D	152+668.488	-4.165	148.791	148.793
☉ Brg. Pier 1	152+671.883	-4.165	148.823	148.823
☉ Pier 1	152+672.108	-4.165	148.825	148.825
☉ Brg. Pier 1	152+672.333	-4.165	148.828	148.828
E	152+675.333	-4.165	148.855	148.865
F	152+678.333	-4.165	148.882	148.901
G	152+681.333	-4.165	148.908	148.933
H	152+684.333	-4.165	148.933	148.960
I	152+687.333	-4.165	148.956	148.982
J	152+690.333	-4.165	148.979	149.001
K	152+693.333	-4.165	149.001	149.015
☉ Brg. Pier 2	152+697.563	-4.165	149.031	149.031
☉ Pier 2	152+697.788	-4.165	149.032	149.032
☉ Brg. Pier 2	152+698.013	-4.165	149.034	149.034
L	152+701.013	-4.165	149.053	149.056
M	152+704.013	-4.165	149.072	149.076
N	152+707.013	-4.165	149.089	149.094
O	152+710.013	-4.165	149.106	149.109
☉ Brg. E. Abut.	152+714.218	-4.165	149.127	149.127
Bk. of E. Abut.	152+714.598	-4.165	149.129	149.129

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	-1.940	148.645	148.645
☉ Brg. W. Abut.	152+656.488	-1.940	148.649	148.649
A	152+659.488	-1.940	148.682	148.684
B	152+662.488	-1.940	148.714	148.718
C	152+665.488	-1.940	148.744	148.748
D	152+668.488	-1.940	148.774	148.776
☉ Brg. Pier 1	152+671.883	-1.940	148.807	148.807
☉ Pier 1	152+672.108	-1.940	148.809	148.809
☉ Brg. Pier 1	152+672.333	-1.940	148.811	148.811
E	152+675.333	-1.940	148.839	148.849
F	152+678.333	-1.940	148.866	148.885
G	152+681.333	-1.940	148.891	148.916
H	152+684.333	-1.940	148.916	148.943
I	152+687.333	-1.940	148.940	148.966
J	152+690.333	-1.940	148.963	148.985
K	152+693.333	-1.940	148.985	148.999
☉ Brg. Pier 2	152+697.563	-1.940	149.014	149.014
☉ Pier 2	152+697.788	-1.940	149.016	149.016
☉ Brg. Pier 2	152+698.013	-1.940	149.017	149.017
L	152+701.013	-1.940	149.037	149.040
M	152+704.013	-1.940	149.055	149.059
N	152+707.013	-1.940	149.073	149.078
O	152+710.013	-1.940	149.089	149.092
☉ Brg. E. Abut.	152+714.218	-1.940	149.111	149.111
Bk. of E. Abut.	152+714.598	-1.940	149.113	149.113

Note: All stations and elevations are in meters (m).
All stations and offsets are given with respect to Profile Grade I-74 WB.
Elevations are at Top of Concrete.
Work this sheet with sheets no. 5, 6 & 8 of 33.

Date		Designed		JLK		TOP OF SLAB ELEVATIONS	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)	Sheet No. 7 of 33
Revisions		Drawn		KDK				
		Checked		RME				
		Approved		DLC				
Date: 7-21-04						URS Job No. 210001243.02		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB/BR	TAZEWELL	1366	396
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

PROFILE GRADE I-74 WB

BEAM 11

BEAM 12

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	0.000	148.616	148.616
☉ Brg. W. Abut.	152+656.488	0.000	148.620	148.620
A	152+659.488	0.000	148.653	148.655
B	152+662.488	0.000	148.685	148.689
C	152+665.488	0.000	148.715	148.719
D	152+668.488	0.000	148.745	148.747
☉ Brg. Pier 1	152+671.883	0.000	148.778	148.778
☉ Pier 1	152+672.108	0.000	148.780	148.780
☉ Brg. Pier 1	152+672.333	0.000	148.782	148.782
E	152+675.333	0.000	148.810	148.820
F	152+678.333	0.000	148.836	148.855
G	152+681.333	0.000	148.862	148.887
H	152+684.333	0.000	148.887	148.914
I	152+687.333	0.000	148.911	148.937
J	152+690.333	0.000	148.934	148.956
K	152+693.333	0.000	148.956	148.970
☉ Brg. Pier 2	152+697.563	0.000	148.985	148.985
☉ Pier 2	152+697.788	0.000	148.987	148.987
☉ Brg. Pier 2	152+698.013	0.000	148.988	148.988
L	152+701.013	0.000	149.007	149.010
M	152+704.013	0.000	149.026	149.030
N	152+707.013	0.000	149.044	149.049
O	152+710.013	0.000	149.060	149.063
☉ Brg. E. Abut.	152+714.218	0.000	149.082	149.082
Bk. of E. Abut.	152+714.598	0.000	149.084	149.084

Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	0.285	148.610	148.610
☉ Brg. W. Abut.	152+656.488	0.285	148.614	148.614
A	152+659.488	0.285	148.647	148.649
B	152+662.488	0.285	148.679	148.683
C	152+665.488	0.285	148.710	148.714
D	152+668.488	0.285	148.740	148.742
☉ Brg. Pier 1	152+671.883	0.285	148.772	148.772
☉ Pier 1	152+672.108	0.285	148.774	148.774
☉ Brg. Pier 1	152+672.333	0.285	148.776	148.776
E	152+675.333	0.285	148.804	148.814
F	152+678.333	0.285	148.831	148.850
G	152+681.333	0.285	148.857	148.882
H	152+684.333	0.285	148.881	148.908
I	152+687.333	0.285	148.905	148.931
J	152+690.333	0.285	148.928	148.950
K	152+693.333	0.285	148.950	148.964
☉ Brg. Pier 2	152+697.563	0.285	148.979	148.979
☉ Pier 2	152+697.788	0.285	148.981	148.981
☉ Brg. Pier 2	152+698.013	0.285	148.982	148.982
L	152+701.013	0.285	149.002	149.005
M	152+704.013	0.285	149.020	149.024
N	152+707.013	0.285	149.038	149.043
O	152+710.013	0.285	149.055	149.058
☉ Brg. E. Abut.	152+714.218	0.285	149.076	149.076
Bk. of E. Abut.	152+714.598	0.285	149.078	149.078

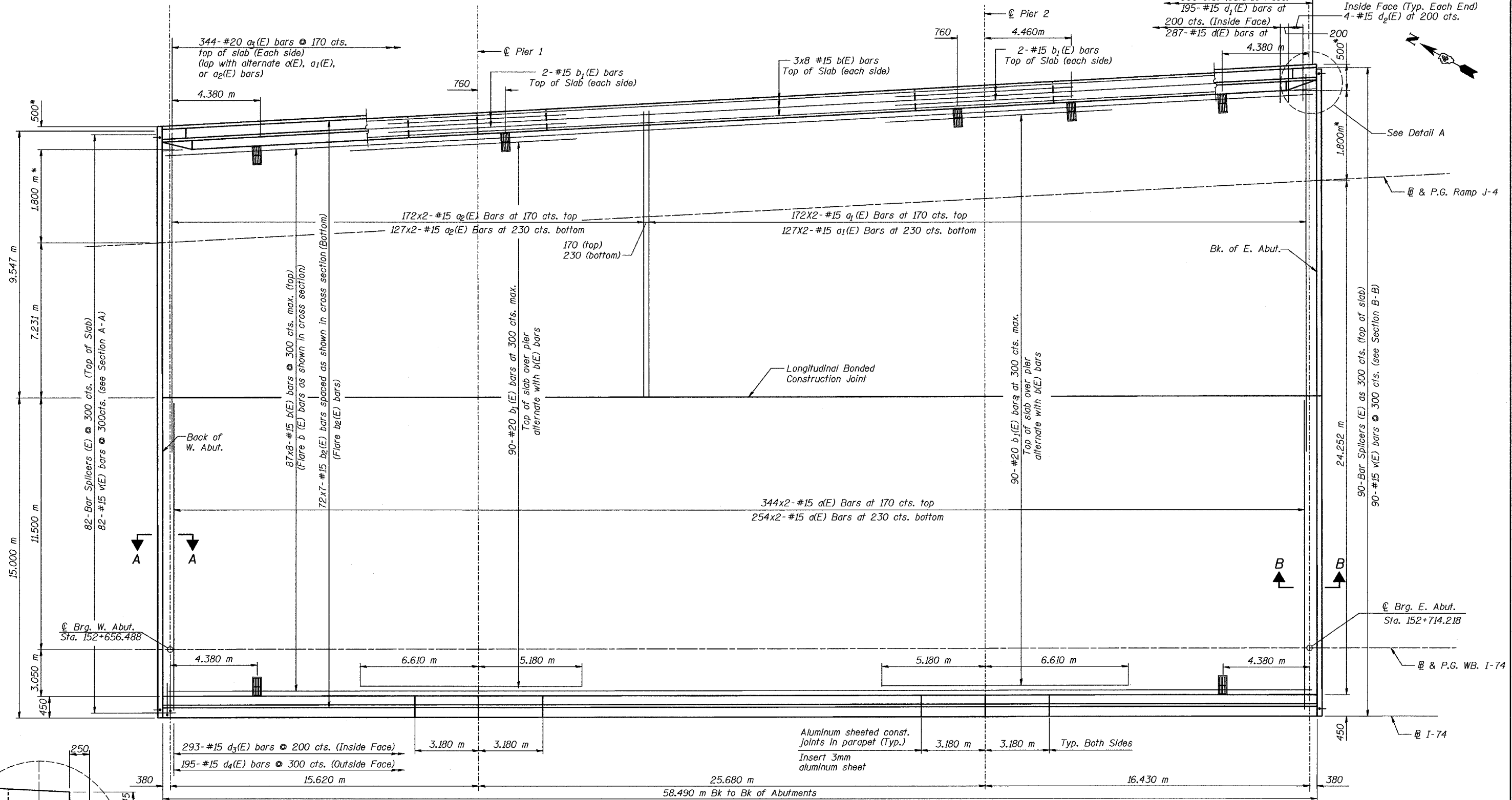
Location	Station	Offset (m)	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. of W. Abut.	152+656.108	2.510	148.566	148.566
☉ Brg. W. Abut.	152+656.488	2.510	148.570	148.570
A	152+659.488	2.510	148.603	148.605
B	152+662.488	2.510	148.634	148.637
C	152+665.488	2.510	148.665	148.669
D	152+668.488	2.510	148.695	148.697
☉ Brg. Pier 1	152+671.883	2.510	148.728	148.728
☉ Pier 1	152+672.108	2.510	148.730	148.730
☉ Brg. Pier 1	152+672.333	2.510	148.732	148.732
E	152+675.333	2.510	148.760	148.770
F	152+678.333	2.510	148.786	148.804
G	152+681.333	2.510	148.812	148.836
H	152+684.333	2.510	148.837	148.864
I	152+687.333	2.510	148.861	148.887
J	152+690.333	2.510	148.884	148.905
K	152+693.333	2.510	148.905	148.919
☉ Brg. Pier 2	152+697.563	2.510	148.935	148.935
☉ Pier 2	152+697.788	2.510	148.936	148.936
☉ Brg. Pier 2	152+698.013	2.510	148.938	148.938
L	152+701.013	2.510	148.957	148.960
M	152+704.013	2.510	148.976	148.980
N	152+707.013	2.510	148.993	148.997
O	152+710.013	2.510	149.010	149.013
☉ Brg. E. Abut.	152+714.218	2.510	149.032	149.032
Bk. of E. Abut.	152+714.598	2.510	149.034	149.034

Note: All stations and elevations are in meters (m).
All stations and offsets are given with respect to Profile Grade I-74 WB.
Elevations are at Top of Concrete.
Work this sheet with sheets no. 5, 6 & 7 of 33.

TOP OF SLAB ELEVATIONS			
Date	Designed	JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)
Revisions	Drawn	KDK	
	Checked	RME	
	Approved	DLC	
Date: 7-21-04			Sheet No. 8 of 33
URS CORPORATION ST. LOUIS, MO			URS Job No. 2100001243.02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB	TAZEWELL	1366	397
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	



SLAB PLAN

Notes: See sheet # 10, 11 & 12 of 33 for superstructure details and Bill of Material.
See sheet # 16 & 17 of 33 for sections at Abutments and Piers.
See sheet # 16 of 33 for Section A-A and B-B.
Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 20 x 3-#15 etc. indicates 20 lines of bars with 3 lengths per line.
All dimensions are in millimeters (mm) except as noted.
All dimensions are measured with respect to WB I-74, unless otherwise noted.
* Measured perpendicular to WB I-74.
Cut longitudinal reinforcement bars to miss drainage scuppers.

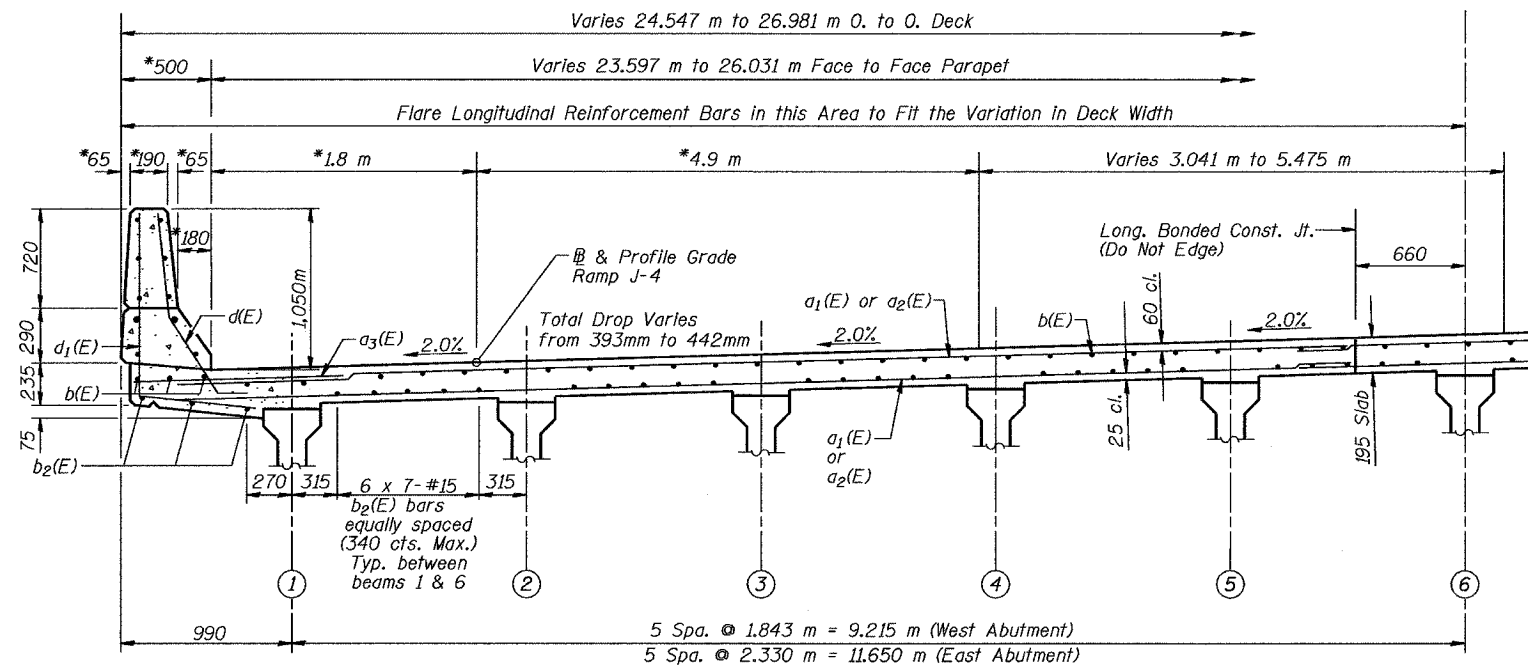
Min. Bar Lap
#15 = 510



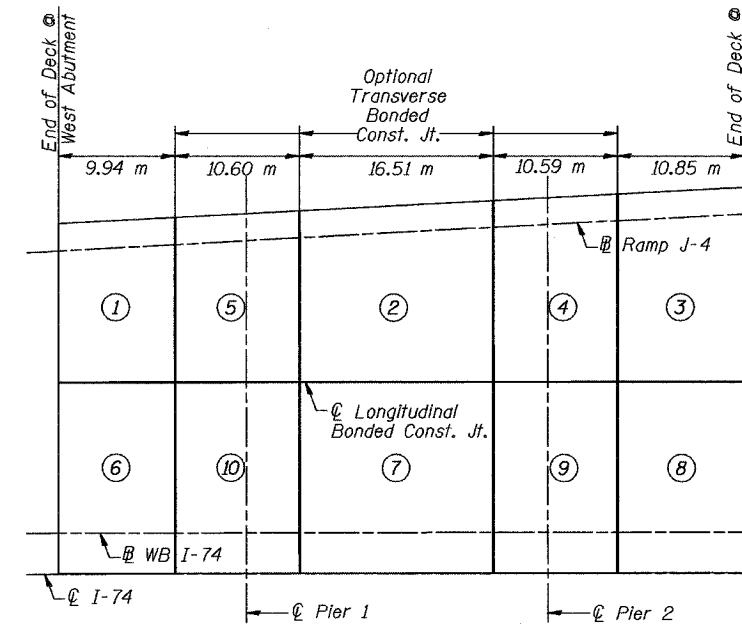
SUPERSTRUCTURE		INTERSTATE 74 AND RAMPS J-1 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0158 (EB)	Sheet No. 9 of 33
Date	Designed JLK		
Revisions	Drawn JEH		
	Checked RME		
	Approved DLC		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB/BR	TAZEWELL	1366	398
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

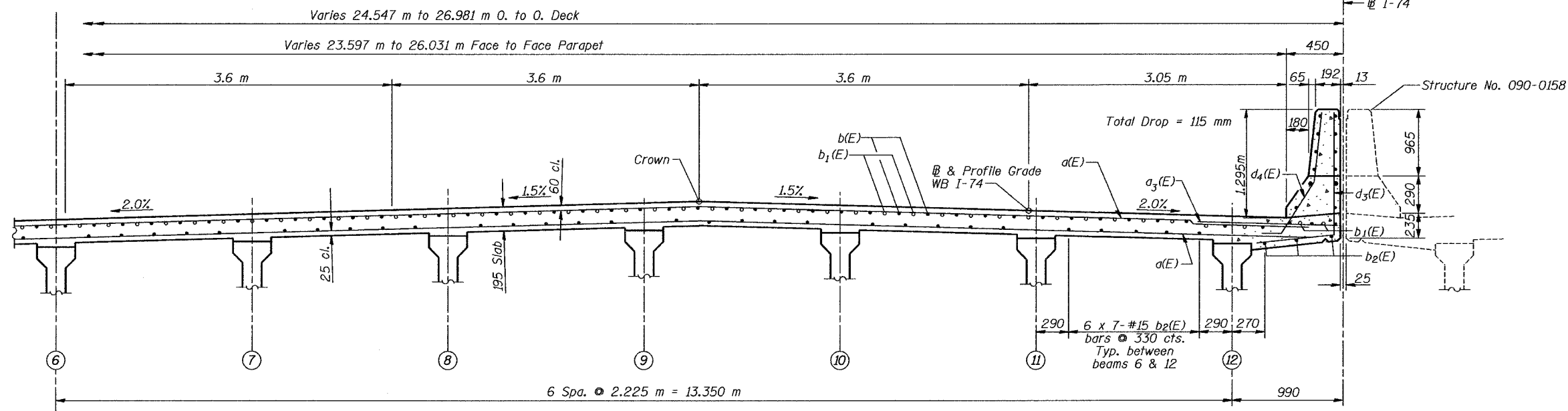


NEAR MIDSPAN



DECK SLAB POURING SEQUENCE

The concrete deck slab segments shall be poured in the numerical order shown.



NEAR PIER

Notes: All horizontal dimensions measured perpendicular to @ I-74 WB, unless otherwise noted.

* Measured perpendicular to @ Ramp J-4.

All dimensions are in millimeters (mm) except as noted.

CROSS SECTION
(Looking East)

SUPERSTRUCTURE			
Date	Designed	JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)
Revisions	Drawn	KDK	
	Checked	RME	
	Approved	DLC	
Date: 7-21-04			Sheet No. 10 of 33
URS CORPORATION ST. LOUIS, MO			URS Job No. 2.100001243.02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

58.544 m End to End of Parapet

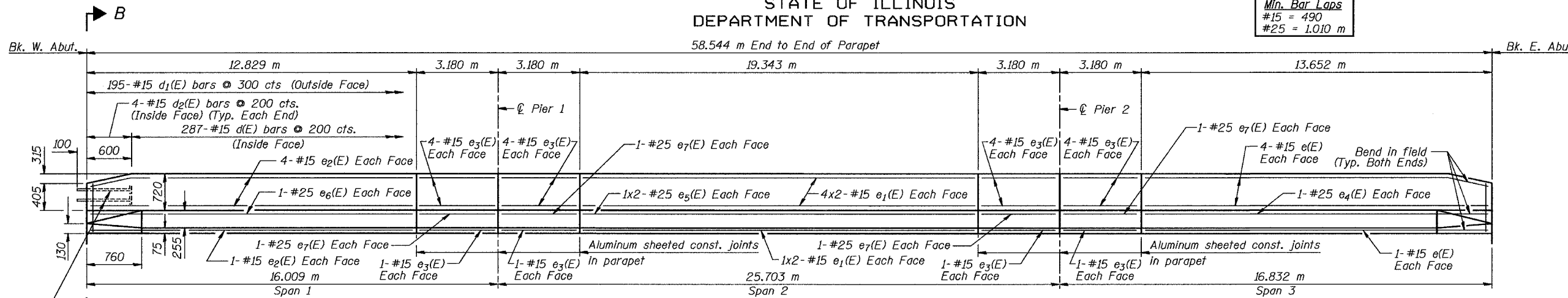
Min. Bar Laps
#15 = 490
#25 = 1.010 m

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB	TAZEWELL	1366	379
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

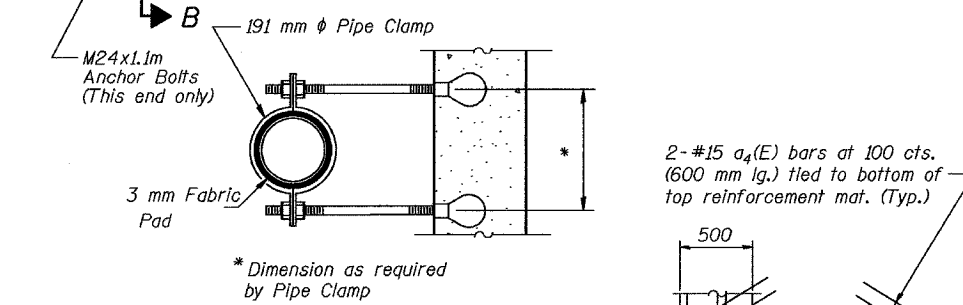
SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length (m)	Shape
a(E)	1196	#15	8.08	—
a ₁ (E)	598	#15	6.22	—
a ₂ (E)	598	#15	5.51	—
a ₃ (E)	688	#20	1.20	—
a ₄ (E)	56	#15	0.60	—
b(E)	744	#15	7.75	—
b ₁ (E)	180	#20	11.79	—
b ₂ (E)	504	#15	8.79	—
d(E)	287	#15	1.37	—
d ₁ (E)	195	#15	1.77	—
d ₂ (E)	8	#15	1.31	—
d ₃ (E)	293	#15	1.60	—
d ₄ (E)	195	#15	2.01	—
e(E)	20	#15	14.68	—
e ₁ (E)	40	#15	9.80	—
e ₂ (E)	20	#15	13.97	—
e ₃ (E)	40	#15	3.17	—
e ₄ (E)	4	#25	14.68	—
e ₅ (E)	8	#25	10.06	—
e ₆ (E)	4	#25	13.97	—
e ₇ (E)	8	#25	3.17	—
e ₈ (E)	20	#15	1.87	—
e ₉ (E)	4	#25	1.87	—
e ₁₀ (E)	20	#15	1.97	—
e ₁₁ (E)	4	#25	1.97	—
m(E)	15	#20	8.72	—
m ₁ (E)	24	#20	3.08	—
m ₂ (E)	5	#20	1.21	—
m ₃ (E)	12	#20	1.59	—
m ₄ (E)	4	#20	0.63	—
m ₅ (E)	20	#20	7.38	—
m ₆ (E)	12	#20	3.18	—
m ₇ (E)	5	#20	1.69	—
m ₈ (E)	10	#20	1.33	—
m ₉ (E)	24	#25	1.76	—
m ₁₀ (E)	20	#15	1.71	—
m ₁₁ (E)	48	#15	1.96	—
m ₁₂ (E)	10	#20	1.55	—
m ₁₃ (E)	20	#15	1.92	—
s(E)	183	#15	1.77	—
s ₁ (E)	144	#15	3.56	—
s ₂ (E)	127	#15	3.53	—
v(E)	172	#15	1.09	—
Reinforcement Bars, Epoxy Coated		kg	58290	
Concrete Superstructure		m ³	436.9	
Bridge Deck Grooving		m ²	1457	
Protective Coat		m ²	1624	
Bar Splicers		Each	172	
Preformed Joint Seal, 64mm		Meter	58.5	

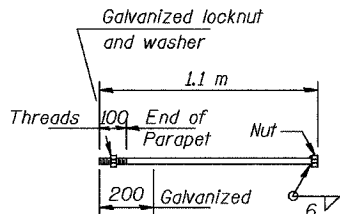
Reinforcement bars designated (E) shall be epoxy coated.



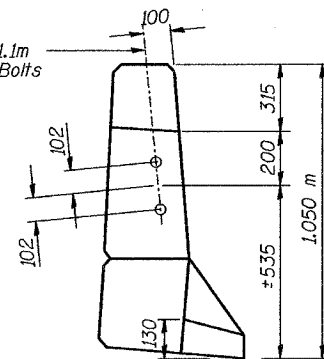
INSIDE ELEVATION OF NORTH PARAPET
(All dimensions along inside face of parapet)



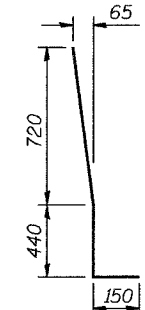
SECTION A-A



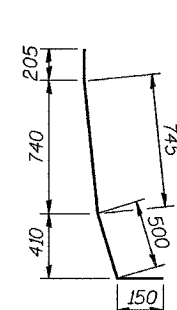
M24 ANCHOR BOLT
(Cost Included with Concrete Superstructure)



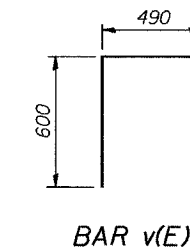
VIEW B-B



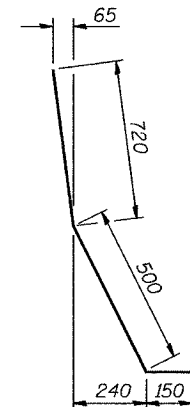
BAR d₂(E)



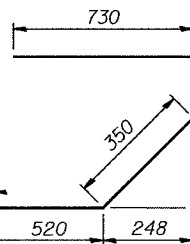
BAR d₃(E)



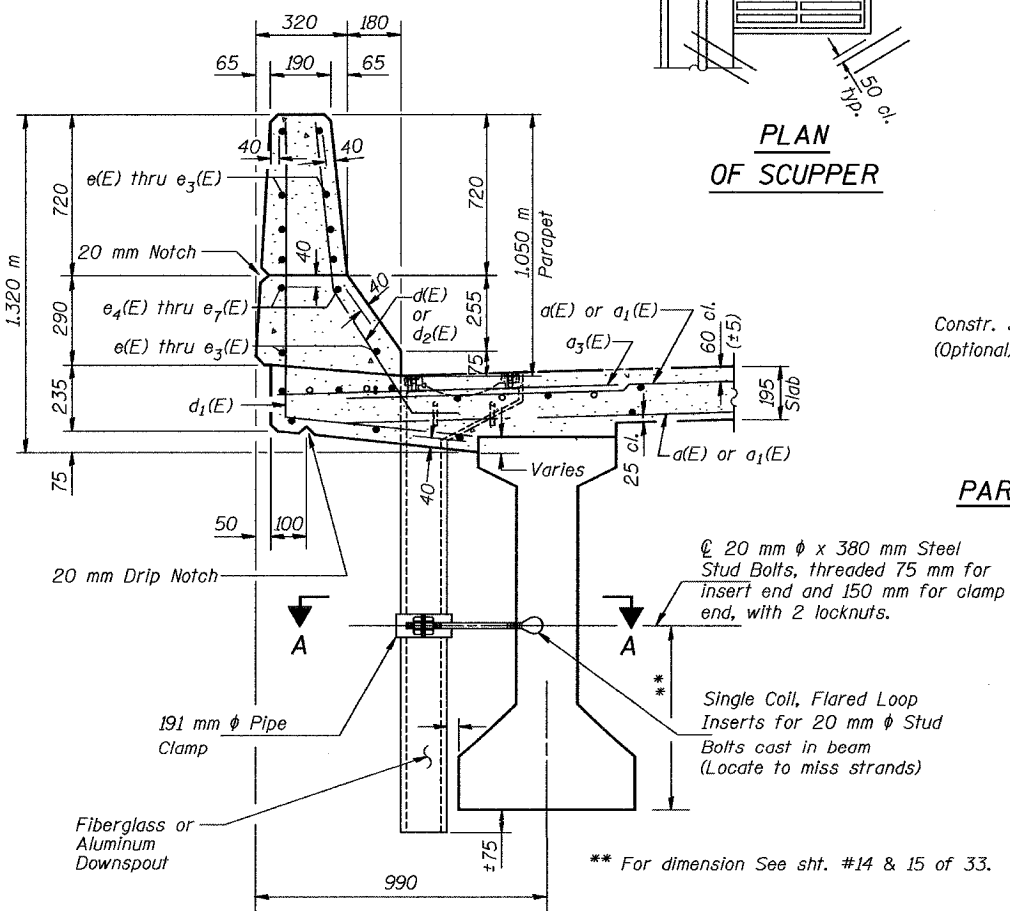
BAR v(E)



BAR d(E)

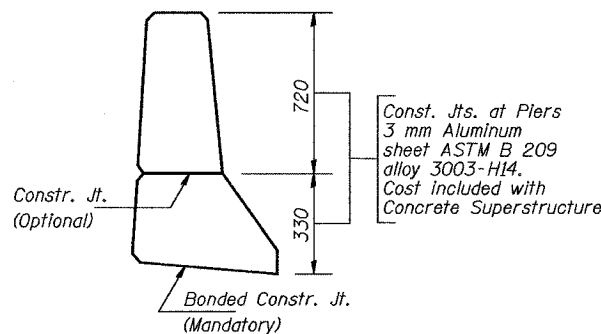


BAR s(E)



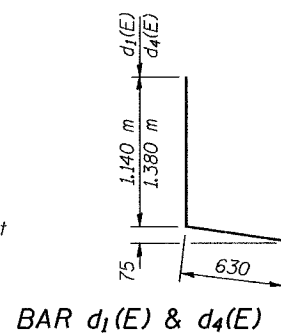
SECTION THRU PARAPET

Note: See Sheet 30 of 33 for details of drainage scuppers.

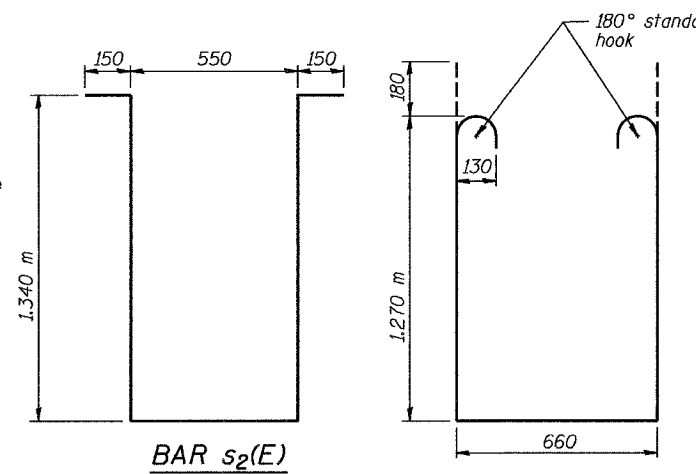


PARAPET JOINT DETAILS

Notes:
Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 200 MPa minimum. The surface of the Fiberglass pipe shall be free of bond inhibiting agents.
Aluminum tube alloy shall conform to ASTM 6061-T6.
The exterior surfaces of the floor drains shall be coated by the manufacturer with a pigment that matches the color of the concrete.
The clamping device and inserts shall be galvanized in accordance with AASHTO M 232. All dimensions are in millimeters (mm) except as noted.
Bars Indicated thus 3x2-#15 etc. indicates 3 lines of bars with 2 lengths per line.



BAR d₁(E) & d₄(E)



BAR s₂(E)

BAR s₁(E)

Date	Designed	JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)	Sheet No. 11 of 33
Revisions	Drawn	KDK		
	Checked	RME		
	Approved	DLC		

Date: 7-21-04

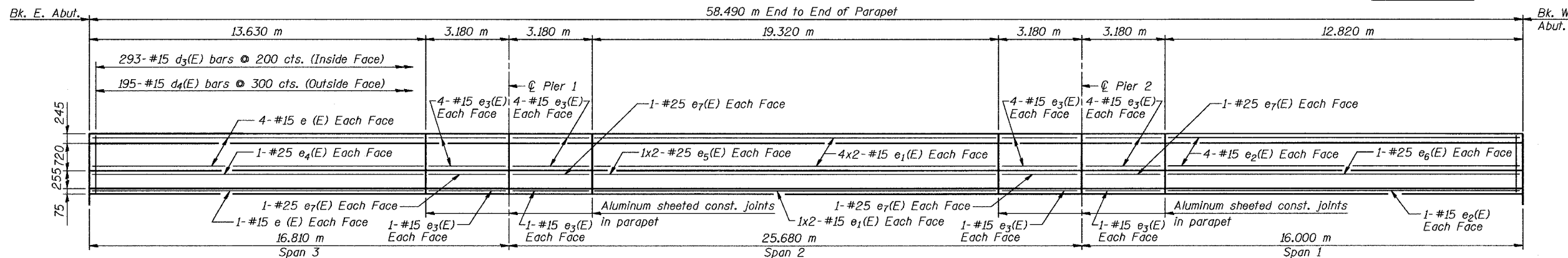
URS
URS CORPORATION
ST. LOUIS, MO

URS Job No.
210001243.02

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

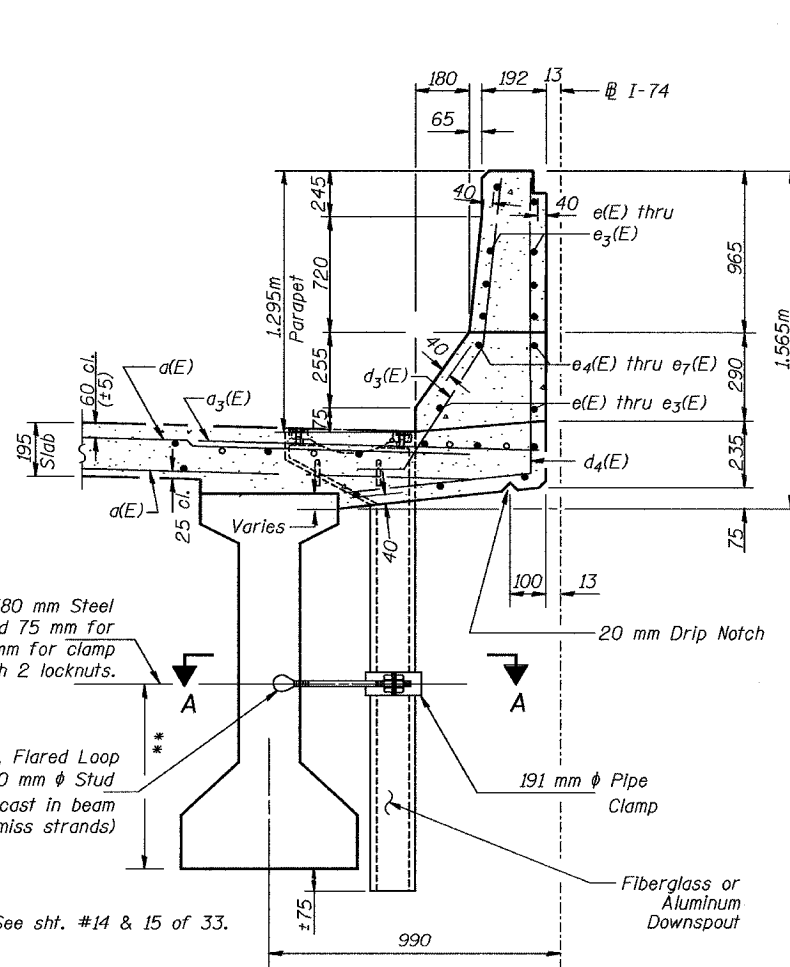
Min. Bar Laps
#15 = 490
#25 = 1.010 m

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 74	90-11VB1B	TAZEWELL	1366	400
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT-				



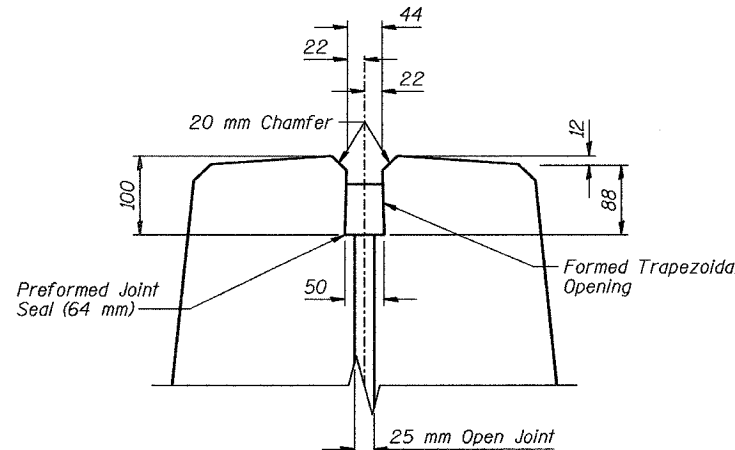
INSIDE ELEVATION OF SOUTH PARAPET

(All dimensions along inside face of parapet)

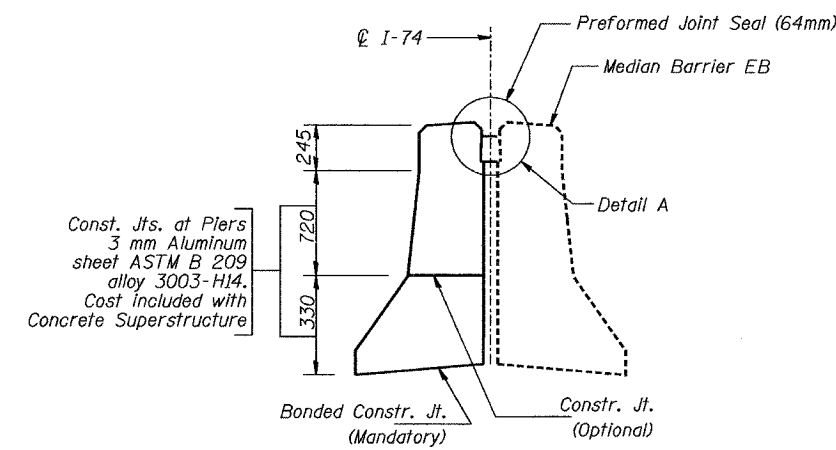


SECTION THRU PARAPET

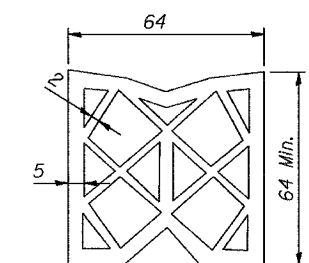
Note: See Sheet 30 of 33 for details of drainage scuppers.



DETAIL A



PARAPET JOINT DETAILS



PREFORMED JOINT SEAL

Notes:
Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 200 MPa minimum. The surface of the Fiberglass pipe shall be free of bond inhibiting agents.
Aluminum tube alloy shall conform to ASTM 6061-T6.
The exterior surfaces of the floor drains shall be coated by the manufacturer with a pigment that matches the color of the concrete.
The clamping device and inserts shall be galvanized in accordance with AASHTO M 232.
All dimensions are in millimeters (mm) except as noted.
Bars indicated thus 3x2-#15 etc. indicates 3 lines of bars with 2 lengths per line.

MEDIAN BARRIER DETAILS

Date	Designed JLK	INTERSTATE 74 AND RAMPS J-4 OVER ALTORFER LANE AND TP&W R.R. F.A.I. RTE. 74 SECTION (90-11VB)BR TAZEWELL COUNTY STATION 152+685.353 STRUCTURE NO. 090-0159 (WB)	Sheet No.
Revisions	Drawn KDK		12
	Checked RME		of 33
	Approved DLC		URS Job No. 2100001243.02
Date: 7-21-04			



20 mm ϕ x 380 mm Steel Stud Bolts, threaded 75 mm for insert end and 150 mm for clamp end, with 2 locknuts.

Single Coil, Flared Loop Inserts for 20 mm ϕ Stud Bolts cast in beam (Locate to miss strands)

** For dimension See sht. #14 & 15 of 33.