

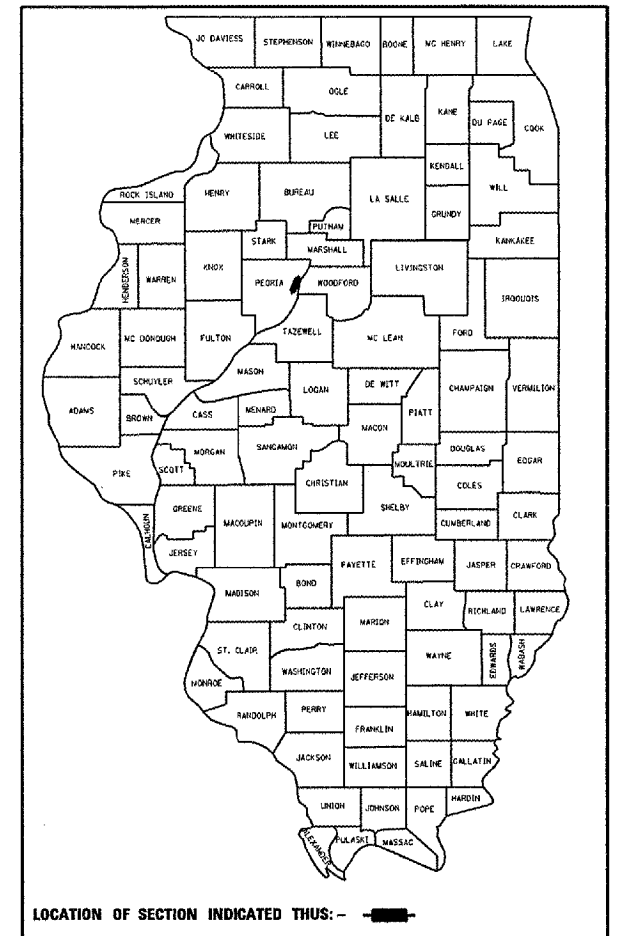
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-(6-1)RS	PEORIA	89	1

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

# PROPOSED HIGHWAY PLANS

FAP ROUTE 318 (IL 6)  
SECTION 72-(6-1)RS  
C-94-136-00  
PEORIA COUNTY  
PROJECT ACNHF-ACHSIP-0318(011)  
RANGE 8 EAST

D-94-096-00



LOCATION OF SECTION INDICATED THIS: - [black rectangle]

**HIGHWAY STANDARDS**

420001-07	606301-03	780001-01
420101-04	606306-02	781001-02
420106-04	701101-01	805001
420111-02	701106-01	814001-01
420301-04	701301-02	814006-01
482001-02	701306-01	857001
482006-03	701326-02	873001-01
482011-03	701406-04	877001-03
483001-04	701421-01	877006-02
601001-02	701426-02	878001-06
601101	701701-05	880006
606001-03	701901	886001
		886006

**DISTRICT STANDARDS**

280001 - D4
406101 - D4
440001 - D4
667101 - D4
780001 - D4

**PROJECT DESCRIPTION**

THE WORK ON THIS PROJECT CONSIST OF PATCHING, MILLING AND RESURFACING ON IL 29 AND REMOVAL AND REPLACEMENT OF EXISTING JOINTED PCC PAVEMENT ON IL 6 & OTHER COLLATERAL WORK.

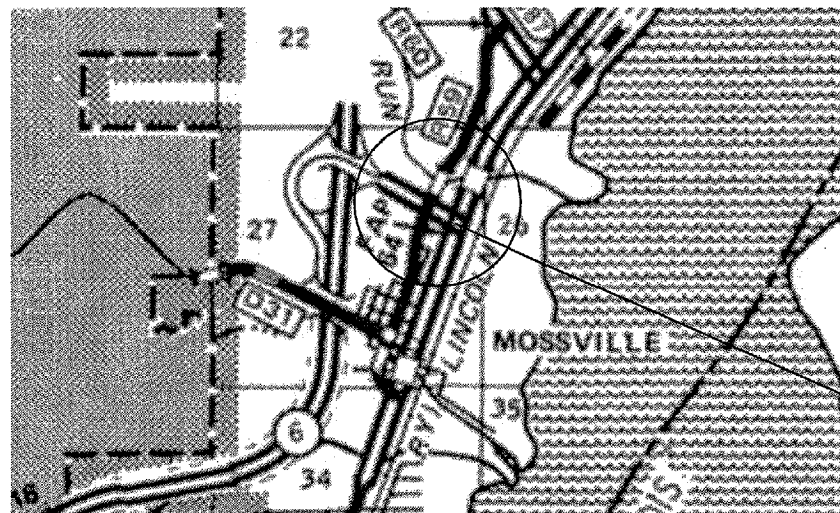
OTHER PRINCIPAL ARTERIAL  
CLASS II TRUCK ROUTE  
ADT = 20,600 (2003)  
MU = 4.4% (2003)  
SU = 2.7% (2003)

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

CONTRACT NO. 68110



TOWNSHIP 10 NORTH



IL 6/IL 29 INTERSECTION:  
IL 6: STA. 0+00 TO STA. 26+36  
IL 29: STA. 32+97 TO STA. 54+95

NPDES REQUIRED

GROSS LENGTH = 4,828 FT. = .91 MILES

NET LENGTH = 4,828 FT. = .91 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED **DEC 12 07**

*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

*[Signature]*  
Interim ENGINEER OF DESIGN AND ENVIRONMENT

*[Signature]*  
February 1, 2008  
Christine M. Reed  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: M. ADDIS (309) 671-3454

DESIGNER: M. MOHAMED (309) 671-3462

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-DRS	PEORIA	89	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

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2. INDEX OF SHEETS & UTILITY STATUS
- 3-4. GENERAL NOTES
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- 17-22. SCHEDULE OF QUANTITIES
23. BENCHMARKS & RECOVERY TIES
24. LINE DIAGRAM
- 25-28. EXISTING PLAN VIEW
29. PLAN & PROFILE
- 30-33. PROPOSED PLAN VIEW
34. PROPOSED ISLAND DETAIL
35. PROPOSED INTERSECTION DETAIL
36. EROSION CONTROL PLAN
37. REMOVAL PLAN
38. PROPOSED CONSTRUCTION PLAN LIMITS
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- 46-53. CADD STANDARDS
- 54-71. TRAFFIC SIGNALS
- 72-88 X-SECTIONS STANDARDS

**CILCO (ELECTRIC)**

OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
90' RT. TO 90' RT.	IL 29 48+30 TO 54+95	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
140' LT. TO 90' LT.	IL 6 1+00 TO 4+25	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
85' RT. TO 25' RT.	STATE ST. 330+50 TO 327+50	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
25' RT. TO 30' LT.	STATE ST. 327+50	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
30' LT. TO 50' LT.	STATE ST. 327+50 TO 329+25	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
50' LT. TO 150' LT.	STATE ST. 329+25	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
230' LT. TO 125' LT.	IL 6 7+15	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
75' RT. TO 75' RT.	IL 6 7+15 TO 13+60.8	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
125' RT. TO 125' RT.	IL 6 6+55 TO 7+15	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION
90' LT. TO 60' LT.	OLD GALENA ROAD 332+70 TO 337+32.35	UNDERGROUND WIRE	RECONSTRUCTION	CAUTION

**STATUS OF UTILITIES**

**ILLINOIS AMERICAN WATER COMPANY**

OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
25' RT. TO 25' RT.	GALENA ROAD 332+50 TO 337+32.35	16" WATER MAIN	RECONSTRUCTION	CAUTION
85' RT. TO 75' RT.	IL 6 5+36 TO 4+36	16" WATER MAIN	RECONSTRUCTION	CAUTION
75' RT. TO 65' LT.	IL 6 4+36	16" WATER MAIN	RECONSTRUCTION	CAUTION
65' LT. TO 36' RT.	IL 6 TO STATE ST. 4+36 TO 329+75	16" WATER MAIN	RECONSTRUCTION	CAUTION
36' RT. TO 15' RT.	STATE ST. 329+75 TO 328+60	16" WATER MAIN	RECONSTRUCTION	CAUTION

**CILCO (GAS)**

OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
9' RT. TO 9' RT.	STATE ST. 328+62.5 TO 330+75	2" GAS LINE	RECONSTRUCTION	CAUTION
9' RT. TO 28' RT.	STATE ST. 330+75	2" GAS LINE	RECONSTRUCTION	CAUTION
28' RT. TO 28' RT.	STATE ST. 330+75 TO 332+50	2" GAS LINE	RECONSTRUCTION	CAUTION
28' RT. TO 4' RT.	OLD GALENA ROAD 332+50	2" GAS LINE	RECONSTRUCTION	CAUTION
4' RT. TO 11' RT.	OLD GALENA ROAD 332+50 TO 337+32.35	2" GAS LINE	RECONSTRUCTION	CAUTION
75' LT. TO 75' LT.	IL 6 5+50 TO 13+60.8	2" GAS LINE	RECONSTRUCTION	CAUTION

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-(6-1)RS	PEORIA		3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**DESIGN CRITERIA**

THIS PROJECT WAS DESIGNED IN ACCORDANCE WITH PAVEMENT PRESERVATION POLICIES, PROCEDURES AND GUIDELINES.

**GENERAL NOTES**

**AVAILABILITY OF ELECTRONIC FILES**

MICRO STATION AND GEOPAK FILES OF THIS PROJECT WILL BE MADE AVAILABLE TO THE CONTRACTOR. IF THERE IS A CONFLICT BETWEEN THE ELECTRONIC FILES AND THE PRINTED CONTRACT PLANS AND DOCUMENTS, THE PRINTED CONTRACT PLANS AND DOCUMENTS SHALL TAKE PRECEDENCE OVER THE ELECTRONIC FILES. THE CONTRACTOR SHALL ACCEPT ALL RISK ASSOCIATED WITH USING THE ELECTRONIC FILES AND SHALL HOLD THE DEPARTMENT HARMLESS FOR ANY ERRORS OR OMISSIONS IN THE ELECTRONIC FILES AND THE DATA CONTAINED THEREIN. ERRORS OR DELAYS RESULTING FROM THE USE OF THE ELECTRONIC FILES BY THE CONTRACTOR SHALL NOT RESULT IN AN EXTENSION OF TIME FOR ANY INTERIM OR FINAL COMPLETION DATE OR SHALL NOT BE CONSIDERED CAUSE FOR ADDITIONAL COMPENSATION. THE CONTRACTOR SHALL NOT USE, SHARE, OR DISTRIBUTE THESE ELECTRONIC FILES EXCEPT FOR THE PURPOSE OF CONSTRUCTING THIS CONTRACT. ANY CLAIMS BY THIRD PARTIES DUE TO USE OR ERRORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THIS DISCLAIMER WITH THE TRANSFER OF THESE ELECTRONIC FILES TO ANY OTHER PARTIES AND SHALL INCLUDE APPROPRIATE LANGUAGE BINDING THEM TO SIMILAR RESPONSIBILITIES.

**UTILITIES – LOCATIONS/INFORMATION ON PLANS**

THE LOCATIONS OF EXISTING WATER MAINS, GAS MAINS, SEWERS, ELECTRIC POWER LINES, TELEPHONE LINES AND OTHER UTILITIES AS SHOWN ON THE PLANS ARE BASED ON CAREFUL FIELD INVESTIGATION AND THE BEST INFORMATION AVAILABLE, BUT THEY ARE NOT GUARANTEED. UNLESS ELEVATIONS ARE SHOWN — ALL UTILITY LOCATIONS SHOWN ON THE CROSS SECTIONS ARE BASED ON THE APPROXIMATE DEPTH SUPPLIED BY THE UTILITY COMPANY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN THEIR EXACT LOCATION FROM THE UTILITY COMPANIES AND BY FIELD INSPECTION.

**COMMITMENTS**

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE. NO COMMITMENTS WERE MADE ON THIS PROJECT.

**CRITICAL PATH WORK SCHEDULE REQUIREMENT**

THE CONTRACTOR WILL SUBMIT TO THE ENGINEER A SATISFACTORY PROGRESS SCHEDULE AND CRITICAL PATH SCHEDULE WHICH SHALL SHOW THE PROPOSED SEQUENCE OF WORK AT THE TIME OF THE PRE-CONSTRUCTION CONFERENCE.

**EARTH EXCAVATION – INCIDENTAL TO CURB, GUTTER, & DRIVEWAY**

EARTH EXCAVATION AND BACKFILL FOR PROPOSED CURB AND GUTTER AND DRIVEWAY PAVEMENTS SHALL BE INCLUDED IN THE UNIT COST OF THE VARIOUS ITEMS.

**ENVIRONMENTAL REVIEWS**

PRIOR TO THE USE OF ANY PROPOSED BORROW AREAS, USE AREAS (TEMPORARY ACCESS ROADS, DETOURS, RUN-AROUNDS, ETC.) AND/OR WASTE AREAS, THE CONTRACTOR SHALL FILE THE REQUIRED ENVIRONMENTAL RESOURCE REQUEST SURVEYS ACCORDING TO SECTION 107.22 OF THE STANDARD SPECIFICATIONS. THESE SURVEYS ARE REQUIRED IN ORDER FOR THE DEPARTMENT TO CONDUCT CULTURAL AND BIOLOGICAL RESOURCE SURVEYS FOR THE PROPOSED SITE.

PRIOR TO ANY WASTE MATERIALS BEING REMOVED FROM THE CONSTRUCTION SITE THE REQUIRED ENVIRONMENTAL RESOURCE SURVEYS WILL NEED TO BE OBTAINED AND FILED BY THE CONTRACTOR. EXCESS WASTE PRODUCTS REMOVED FROM THE CONSTRUCTION SITE SHALL BE DISPOSED OF AS REQUIRED IN SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

ANY PROTRUDING METAL BARS SHALL BE REMOVED PRIOR TO THE DISPOSAL OF BROKEN CONCRETE AT APPROVED DISPOSAL SITES.

THE REQUIRED ENVIRONMENTAL RESOURCE DOCUMENTATION SHALL INCLUDE THE FOLLOWING:

- \* BDE FORM 2289 (ENVIRONMENTAL SURVEY REQUEST)
- \* A LOCATION MAP SHOWING THE SIZE LIMITS AND LOCATION OF THE USE AREA
- \* SIGNED PROPERTY OWNER AGREEMENT FORM – D4 P10100
- \* COLOR PHOTOGRAPHS DEPICTING THE USE AREA
- \* BORROW AREA ENTRY AGREEMENT FORM – D4 P10101

PLEASE NOTE THAT A MINIMUM OF TWO WEEKS SHALL BE ALLOWED FOR THE DISTRICT TO OBTAIN THE REQUIRED ENVIRONMENTAL CLEARANCES.

**AGGREGATE SHOULDERS, TYPE B**

AGGREGATE SHOULDERS, TYPE B SHALL BE REQUIRED FOR ALL GRANULAR CONSTRUCTION OF SIDE ROADS, ENTRANCES, AND MAILBOX TURNOUTS, WHETHER OR NOT PORTIONS OF THE SURFACES THUS CONSTRUCTED ARE TO BE COVERED WITH A BITUMINOUS SURFACE, EXCEPT WHERE NOTED DIFFERENTLY ON THE PLANS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		GENERAL NOTES

SCALE: VERT. \_\_\_\_\_

          HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_

CHECKED BY \_\_\_\_\_

PLOT DATE = 12/17/2007  
 FILE NAME = S:\GEN\DRMFT\SYSTEM\PLANS\68110\Cover sheet & 500.dgn  
 PLOT SCALE = 100%  
 USER NAME = brucebn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1RS	PEORIA	89	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**PAVEMENT STATIONING NUMBERS & PLACEMENT**

THE CONTRACTOR SHALL PROVIDE LABOR AND MATERIALS REQUIRED TO IMPRINT PAVEMENT STATION NUMBERS IN THE FINISHED SURFACE OF THE PAVEMENT AND/OR OVERLAY. THE NUMBERS SHALL BE APPROXIMATELY 3/4 INCH (20mm) WIDE, 5 INCHES (125mm) HIGH AND 5/8 INCH (15mm) DEEP.

THE PAVEMENT STATION NUMBERS SHALL BE INSTALLED AS SPECIFIED HEREIN:

INTERVAL - 200 FEET (ENGLISH STATIONING) OR 100 METERS (METRIC STATIONING)

BOTTOM OF NUMBERS - 6 INCHES (150mm) FROM THE INSIDE EDGE OF THE PAVEMENT MARKING

**LOCATION:**

- \* 2, 3 & 5 LANE PAVEMENTS - RIGHT EDGE OF PAVEMENT IN DIRECTION OF INCREASING STATIONS
- \* MULTI-LANE DIVIDED ROADWAYS - OUTSIDE EDGE OF PAVEMENT IN BOTH DIRECTIONS
- \* RAMPS - ALONG BASELINE EDGE OF PAVEMENT

POSITION - STATIONS SHALL BE PLACE SO THEY CAN BE READ FROM THE ADJACENT SHOULDER

FORMAT - ENGLISH (METRIC) PAVEMENT STATIONS SHALL USE THIS FORMAT "XXX (XX+X00)" WHERE X REPRESENTS THE PAVEMENT STATION

THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED INCLUDED IN THE COST OF ASSOCIATED PAVEMENT AND/OR OVERLAY PAY ITEMS.

**BUTT JOINT CUTTING TIME RESTRICTION**

BUTT JOINTS SHALL NOT BE MILLED MORE THAN THREE DAYS PRIOR TO PLACEMENT OF THE BITUMINOUS SURFACE COURSE.

**PAVING SURFACE COURSE**

CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE HOT-MIX ASPHALT SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCES, TURN LANES, ETC. WILL BE ALLOWED.

**MEDIAN AND ISLAND NOSES**

WHEN CONSTRUCTING MEDIAN AND ISLAND NOSES THE FOLLOWING CRITERIA SHOULD BE FOLLOWED:

- \* BARRIER CURB SHALL BE USED TO CONSTRUCT NOSES WHEN THE MEDIAN OR ISLAND SURROUNDS A MAST ARM OR OTHER NON-BREAKAWAY FOUNDATION
- \* RAMPED NOSES SHALL BE USED ON MEDIANS OR ISLANDS WITH BREAKAWAY POSTS.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE USE(S):	SURFACE COURSE (RAMP B, 29, GALENA)	POLYMERIZED LEVELING BINDER	BINDER (TEMP PAVEMENT)	INCIDENTAL SURFACE	BINDER (TURN LANE @ GALENA)	SURFACE (STATE ST., SHOULDERS, WIDENING)
ACPC:	SBS 70-22	SBS 70-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)**:	0%	0%	25% (MAX)	15 % (MAX)	15%	15%
DESIGN AIR VOIDS:	4.0% @ N=70	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=70	4.0% @ N=50
MIXTURE COMPOSITION: (GRADATION MIXTURE)	IL 9.5 OR IL 12.5	IL 4.75	IL 19.0	IL 19.5 OR IL 12.5	IL 19.0	IL 9.5 OR IL 12.5
FRICITION AGGREGATE	MIXTURE E	N.A.	N.A.	MIX D	N.A.	MIXTURE D

\*\* IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED; THIS WILL BE DETERMINED BY THE ENGINEER.

**SIGN POST HOLES**

VERTICAL HOLES SHALL BE CONSTRUCTED IN THE ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED OR CONCRETE MEDIAN SURFACE 4 INCHES. THE HOLES SHALL BE 24 INCHES IN DIAMETER OR 24 INCHES SQUARE AND THEY SHALL BE FREE OF ANY OBSTRUCTION, EXCEPT EARTH, FOR A DEPTH OF 5 FEET AT THE LOCATION SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ANY HOLES NOT USED FOR THE PLACEMENT OF SIGNS SHALL BE FILLED AND COMPACTED FLUSH WITH THE TOP OF THE ISLAND PAVEMENT, CONCRETE MEDIAN OF THE TYPES SPECIFIED, OR CONCRETE MEDIAN SURFACE 4 INCHES. THE TOP 3 INCHES OF SAID COMPACTED FILL SHALL CONSIST OF A HOT-MIX ASPHALT MIXTURE. ALL HOLES IN WHICH THE SIGN POSTS ARE INSTALLED AT THE TIME OF THIS CONTRACT SHALL BE SIMILARLY FILLED.

THIS WORK, INCLUDING ANY REQUIRED PAVEMENT REMOVAL NECESSARY TO CONSTRUCT THE SIGN POST HOLES, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQUARE FOOT FOR ISLAND PAVEMENT AND/OR CONCRETE MEDIAN OF THE TYPE SPECIFIED, OR CONCRETE MEDIAN SURFACE, 4 INCHES.

**ENGINEERS FIELD OFFICE**

ADD THE FOLLOWING SENTENCE TO THE END OF PARAGRAPH 670.02 (i) AND 670.04 (e): ALL OF THE TELEPHONE LINES PROVIDED SHALL HAVE UNPUBLISHED NUMBERS.

**JOB SPECIFIC NOTES**

**GRADING AND SHAPING**

THE GRADING AND SHAPING OF TEMPORARY AND FINAL FORESLOPE OF THE AREAS WHICH WERE NO INCLUDED IN THE EARTH WORK TABLE (SHEET # 17 OF THE PLANS) SHALL BE INCLUDED IN THE COST OF THE PLACEMENT OF TEMPORARY AND FINAL SHOULDER.

**SEEDING OF MINOR AREAS**

ALL SEEDING OF THE DISTURBED AREAS OF THE FORESLOPE AND OTHERS SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL BLANKET AND WILL BE PER SECTION 250 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

**TEMPORARY PAVEMENT**

ALL TEMPORARY PAVEMENT SHALL CONSIST OF A 4" CRUSHED CA-6 AND 6" HMA BINDER AND WILL BE MEASURED IN SQ YDS. THE REMOVAL OF TEMPORARY PAVEMENT WILL BE PAID FOR SEPARATELY AS TEMPORARY PAVEMENT REMOVAL.

**PAVEMENT REMOVAL**

PAVEMENT REMOVAL SHALL INCLUDE THE REMOVAL OF EXISTING PCC AND THE BAM OR CAM UNDERNEATH IT, SEE TYPICAL FOR ESTIMATED DEPTH FROM RECENT PAVEMENT CORES. THE PAVEMENT REMOVAL SHALL BE MEASURED IN SQ YDS.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		<p style="text-align: center;">GENERAL NOTES</p> <p>SCALE: VERT. _____ HORIZ. _____</p> <p>DATE _____ DRAWN BY _____ CHECKED BY _____</p>

PLOT DATE = 12/17/2007  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = bruceb

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-DRS	PEORIA	89	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

ACNHF ACHSIP ACNHF ACHSIP ACNHF

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	I000 80/20	I000 90/10	Y031-1F 80/20	Y031-1F 90% FED 5% STATE 2.5% PEORIA COUNTY 2.5% MEDINA	Y080 80/20	07A
20200100	EARTH EXCAVATION	CU YD	601	601					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,422	1,422					
25100630	EROSION CONTROL BLANKET	SQ YD	2,659	2,659					
25200110	SODDING, SALT TOLERANT	SQ YD	2,657		2,657				
25200200	SUPPLEMENTAL WATERING	UNIT	50		50				
28000300	TEMPORARY DITCH CHECKS	EACH	5	5					
28000400	PERIMETER EROSION BARRIER	FOOT	2,601	2,601					
31101200	SUB-BASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	1,578	1,578					
35100100	AGGREGATE BASE COURSE, TYPE A	TON	5,948	5,353.5	594.5				
40600215	POLYMERIZED BITUMINOUS MATERIAL (PRIME COAT)	TON	18	18					
40600300	AGGREGATE (PRIME COAT)	TON	104	104					
40600895	CONSTRUCTING TEST STRIP	EACH	1	1					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	935	935					
40600990	TEMPORARY RAMP	SQ YD	271	271					
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	149	122.7	26.3				
40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	663		663				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	103	103					
40603565	<del>POLYMERIZED</del> HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	2,156	2,103.4	52.6				
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	200	200					
42000416	PAVEMENT 9 3/4" (JOINTED) <u>PORTLAND CEMENT CONCRETE</u>	SQ YD	9,041	7,762.4	1,278.6				
44000100	PAVEMENT REMOVAL	SQ YD	9,722	7,806	1,916				
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	24,575	24,575					
44000500	COMBINATION CONCRETE CURB AND GUTTER REMOVAL	FOOT	3,230	704.1	2,525.9				
44000920	BITUMINOUS CONCRETE SHOULDER REMOVAL	SQ YD	2,298	2,028.3	269.7				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-66-DRS	PEORIA	89	6
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ACNHF	ACHSIP	ACNHF	ACHSIP	ACNHF	07A
				I000 80/20	I000 90/10	Y031-1F 80/20	Y031-1F	Y080	
44002805	ISLAND REMOVAL	SQ FT	11,568	11,568					
44200982	CLASS B PATCHES, TYPE II, 11 INCH	SQ YD	100	100					
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SQ YD	50	50					
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	175	175					
48101200	AGGREGATE SHOULDERS, TYPE B	TON	405	405					
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1,563	1,530.2	32.8				
48300415	PORTLAND CEMENT CONCRETE SHOULDERS 9 3/4"	SQ YD	2,096	2,096					
60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	8	8					
60107600	PIPE UNDERDRAINS 4"	FOOT	3,045	3,045					
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	192	192					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,316	1,328.8	1,987.2				
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	7,982	4,836.2	3,145.8				
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	7,040	1,437.7	5,602.3				
66600105	FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	EACH	3	3					
66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	2	2					
66700605	PERMANENT SURVEY TIES	EACH	8	8					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	6	6					
67100100	MOBILIZATION	L SUM	1	1					
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	0.8	0.2				
70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	0.8	0.2				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.8	0.2				
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.8	0.2				
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.8	0.2				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-LRS	PEORIA	89	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ACNHF		ACHSIP		Y031-1F 90% FED 5% STATE 2.5% PEORIA CO. 2.5% MEDINA TWP	Y080	07A
				I000 80/20	I000 90/10	Y031-1F 80/20	Y031-1F 80/20			
70101800	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	0.8	0.2					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.8	0.2					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	25	20	5					
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	24	19.2	4.8					
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5,662	5,662						
70300610	TEMP PAINT PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	473	473						
70300625	TEMPORARY PAINT PAVEMENT MARKING LINE 4"	FOOT	22,830	22,830						
70300635	TEMPORARY PAINT PAVEMENT MARKING LINE 6"	FOOT	1,500	1,500						
70300640	TEMPORARY PAINT PAVEMENT MARKING LINE 8"	FOOT	6,353	6,353						
70300645	TEMPORARY PAINT PAVEMENT MARKING LINE 12"	FOOT	2,063	2,063						
70300660	TEMPORARY PAINT PAVEMENT MARKING LINE 24"	FOOT	249	249						
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	1,142	1,142						
78003100	<i>PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS</i>	SQ FT	473	473						
78003110	<i>PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"</i>	FOOT	22,830	22,830						
78003130	<i>PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"</i>	FOOT	1,500	1,500						
78003140	<i>PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 8"</i>	FOOT	6,353	6,353						
78003150	<i>PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 12"</i>	FOOT	2,063	2,063						
78003180	<i>PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"</i>	FOOT	249	249						
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	700	700						
78300200	RAISE REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	800	800						
80500200	SERVICE INSTALLATION, TYPE B	EACH	1				1			
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	2,351			636	1,715			
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	150			48	102			

\*SPECIALTY ITEM

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. DATE  
HORIZ.

DRAWN BY  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-6-URS	PEORIA	89	8
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ACNHF	ACHSIP	ACNHF	ACHSIP	ACNHF	Y080	07A
				I000 80/20	I000 90/10	Y031-1F 80/20	Y031-1F 90% FED 5% STATE 2.5% PEORIA CO. 2.5% MEDINA TWP.			
81012900	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	120			78	42			
81021330	CONDUIT PUSHED, 2" DIA., PVC	FOOT	172			77	95			
81021350	CONDUIT PUSHED, 3" DIA., PVC	FOOT	297			84	213			
81021360	CONDUIT PUSHED, 3 1/2" DIA., PVC	FOOT	207			105	102			
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	14			6	8			
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2			1	1			
81702130	ELECTRIC CABLE IN CONDUIT, 600 V(XLP-TY USE)1/C NO. 6	FOOT	1,338				1,338			
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2,614			760	1,854			
85700205	FULL-ACTUATED CONTROLLER <sup>AND</sup> TYPE IV CABINET, SPECIAL	EACH	1				1			
85700300	FULL-ACTUATED CONTROLLER <sup>AND</sup> TYPE V CABINET	EACH	1			1				
86000105	MASTER CONTROLLER (SPECIAL)	EACH	1				1			
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2,800.5			1993.5	807			
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,894.5			355.5	1,539			
87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	2,081.5			265.5	1,816			
87502510	TRAFFIC SIGNAL POST, GALVANIZED STEEL 17 FT.	EACH	3			1	2			
87700180	STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	2				2			
87700260	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1			1				
87700400	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH	2				2			
87702700	STEEL <sup>MAST ARM</sup> ASSEMBLY AND POLE WITH DUAL <sup>ARMS,</sup> MAST <sup>AND</sup> 44 FT. 50 FT.	EACH	1			1				
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	9			3	6			
87800200	CONCRETE FOUNDATION, TYPE D	FOOT	7			3.5	3.5			
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	20				20			
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	76			34	42			
87900200	DRILL EXISTING HANDHOLE	EACH	1			1				

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: VERT. HORIZ.  
DATE

DRAWN BY  
CHECKED BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1/RS	PEORIA	89	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SUMMARY OF QUANTITIES

CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	ACNHF		ACHSIP		Y080	07A
				I000 80/20	I000 90/10	Y031-1F 80/20	Y031-1F 90/10		
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	11			7	4		
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4			2	2		
88030080	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST-ARM MOUNTED	EACH	4				4		
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4			2	2		
88200310	TRAFFIC SIGNAL BACKPLATE, LOUVERED, PLASTIC	EACH	15			7	8		
88500100	INDUCTIVE LOOP DETECTOR	EACH	13			3	10		
88600100	DETECTOR LOOP, TYPE I	FOOT	1,534			532	1,002		
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			1			
89502380	REMOVE EXISTING HANDHOLE	EACH	4			4			
89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	6			6			
X0323857	EXISTING LIGHT POLE FOUNDATION ADJUSTMENT	EACH	1				1		
X0324134	BATTERY BACKUP SYSTEM WITH CABINET	EACH	1				1		
X0712400	TEMPORARY PAVEMENT	SQ YD	1,545	1,545					
X0919000	TEMPORARY PAVEMENT REMOVAL	SQ YD	1,545	1,545					
X2503100	MOWING	UNIT	2.5						2.5
X4067107	<del>POLYMERIZED</del> LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	1,245	1,245					
X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	10,977	3,568	7,409				
X8710020	FIBER OPTIC CABLE IN CONDUIT, NO.62.5/125, MM12F SM12F	FOOT	508				508		
X8730027	ELECTRIC CABLE IN CONDUIT, GROUNDING, NO.6 1C	FOOT	1,082			375.5	706.5		
XX005703	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL	L SUM	1			1			
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
Z0076600	TRAINEES	HOUR	500					500	
X4200500	HIGH-EARLY-STRENGTH <sup>PORTLAND CEMENT CONCRETE</sup> PAVEMENT 9 3/4"(JOINTED)	SQ YD	773	773					
X0325920	TRAFFIC SIGNAL DETECTION CONTROL SYSTEM, LOCATON 1	L SUM	1			1			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

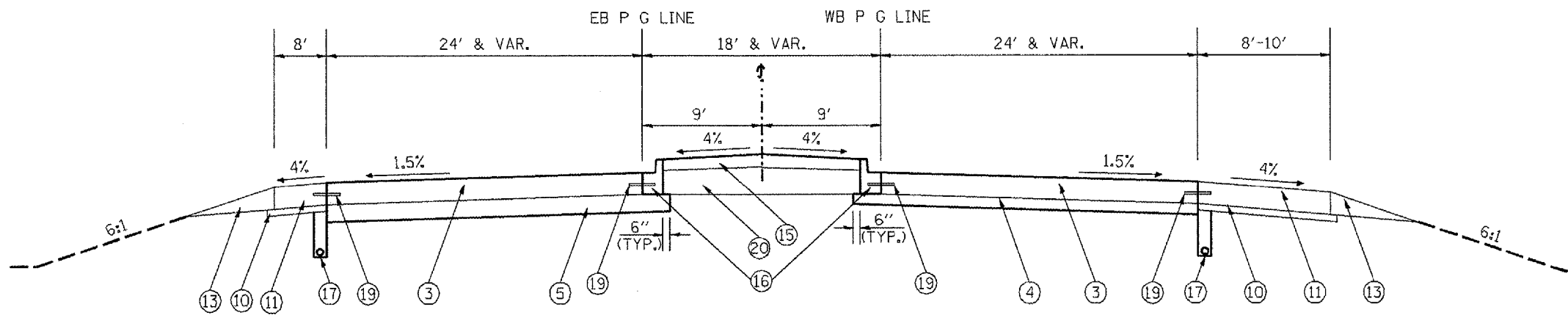
SUMMARY OF QUANTITIES

SCALE: VERT. DATE      DRAWN BY CHECKED BY

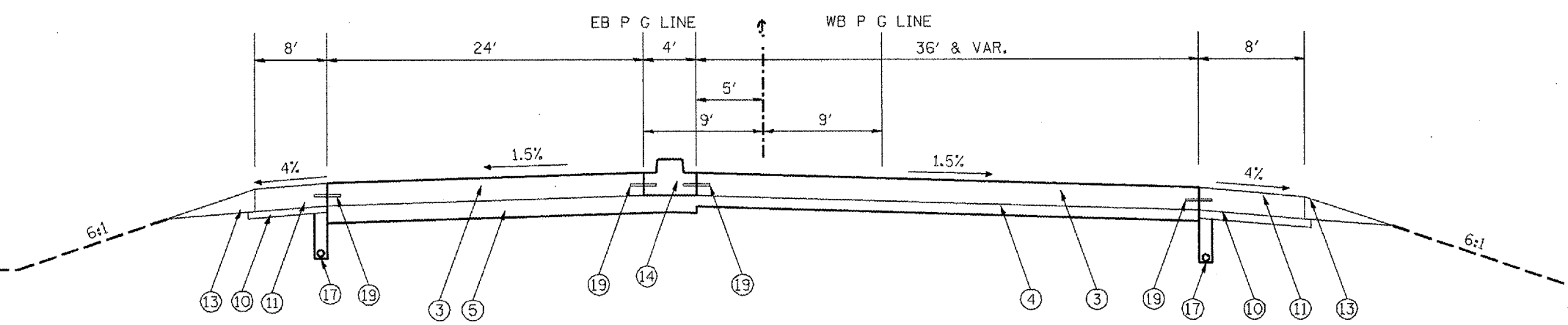




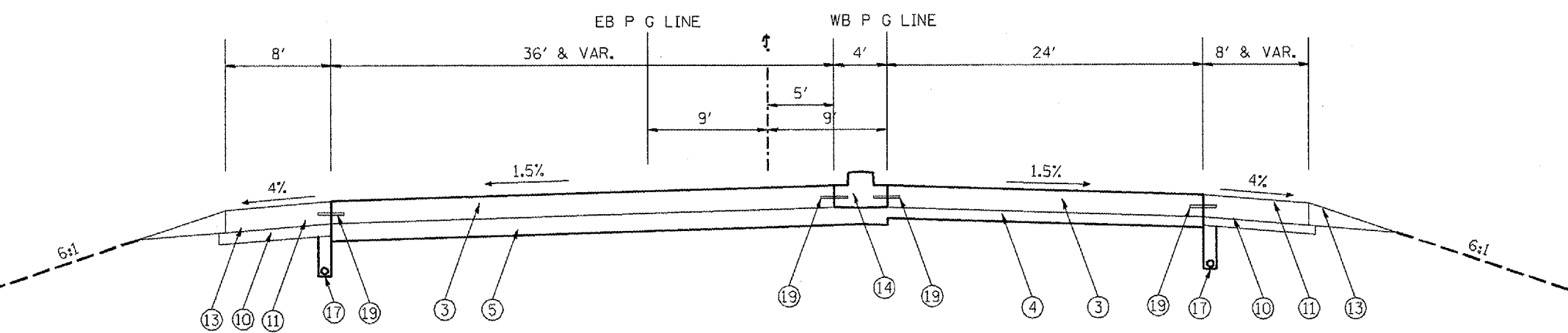
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	12
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



IL 6 TANGENT SECTION  
STA. 0+32.00 TO 3+77.37



IL 6 TANGENT SECTION  
STA. 3+77.37 TO 5+04.38



IL 6 TANGENT SECTION  
STA. 6+18.82 TO 11+20.80

LEGEND - PROPOSED

- ① 1 1/2" HMA SURFACE CRSE, MIX "D", N50
- ② 1 1/2" POLY HMA SURFACE CRSE, MIX "E", N70
- ③ 9 3/4" PCC PAVEMENT
- ④ 5" AGGREGATE BASE COURSE, TYPE A
- ⑤ 8" AGGREGATE BASE COURSE, TYPE A
- ⑥ 3/4" POLYMERIZED LEVELING BINDER
- ⑦ 1" POLYMERIZED LEVELING BINDER
- ⑧ HMA BINDER CRSE, IL -19.0, N50
- ⑨ HMA BINDER CRSE, IL -19.0, N70
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ⑪ PCC SHOULDERS, 9 3/4"
- ⑫ HOT-MIX ASPHALT SHOULDER 8"
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ CONCRETE MEDIAN
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ CCC & G, TYPE B-6.12
- ⑰ 4" PIPE UNDERDRAIN
- ⑱ 2" HMA SURFACE REMOVAL
- ⑲ # 5 TIE BAR
- ⑳ COURSE AGGREGATE FILL

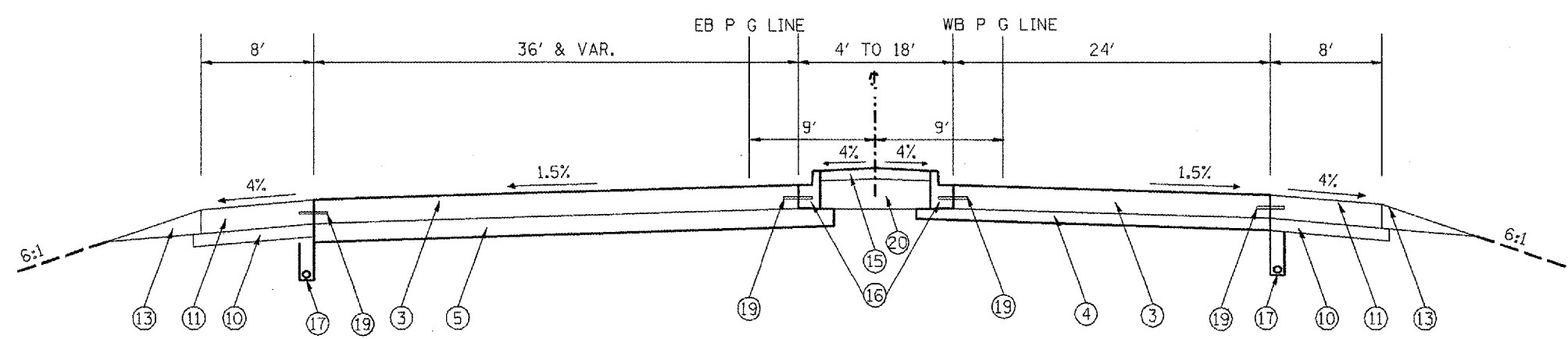
LEGEND - EXISTING

- Ⓐ 10" STANDARD REINFORCED PCC PAVEMENT
- Ⓑ 4" STABILIZED SUB-BASE (BAM)
- Ⓒ 10" STABILIZED SHOULDERS (BAM)
- Ⓓ AGGREGATE SHOULDER TYPE B
- Ⓔ 4" PIPE UNDERDRAIN
- Ⓕ CCC & G, TYPE B-6.12
- Ⓖ CONCRETE MEDIAN TYPE S.B.-6.12
- Ⓗ VAR. DEPTH HMA OVERLAY
- Ⓘ CONCRETE OR GRASS MEDIAN
- Ⓝ HMA BINDER COURSE

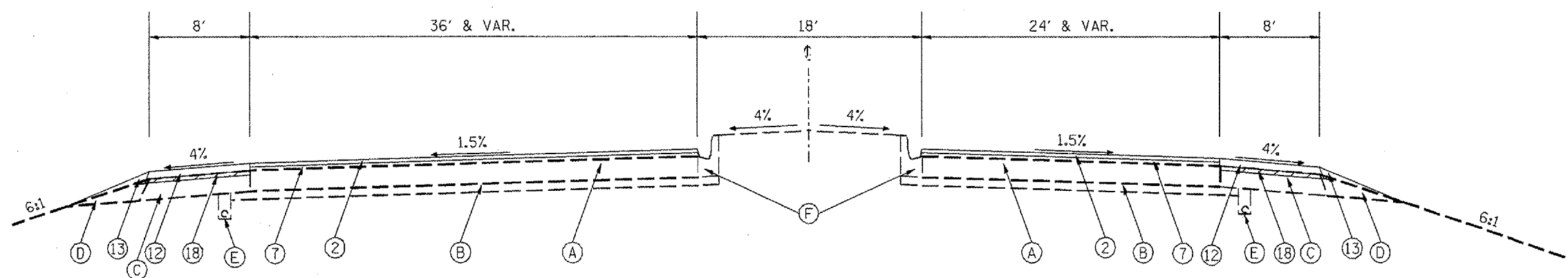
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PROPOSED RIGID PAVEMENT IL 6
NOT TO SCALE		DRAWN BY
DATE		CHECKED BY

PLOT DATE = 12/17/2007  
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 USER NAME = J. P. ...

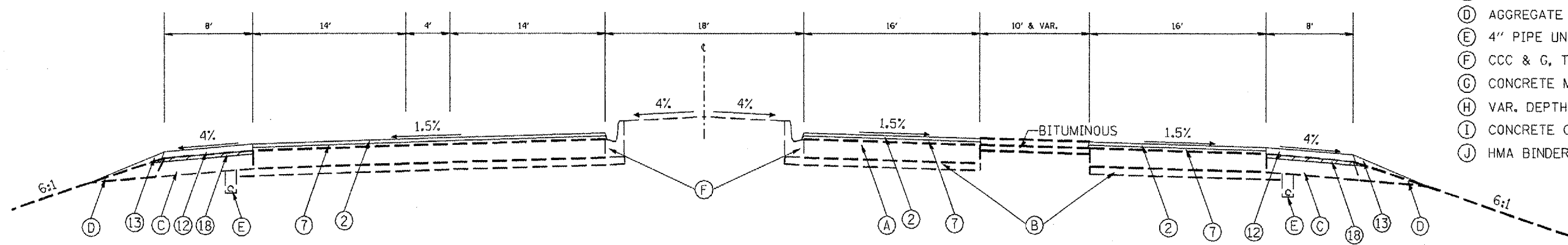
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	13
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS		FED. AID PROJECT



IL 6 TANGENT SECTION  
STA. 11+20.80 TO 13+60.80



IL 6 TANGENT SECTION  
STA. 13+60.80 TO 16+51.69



IL 6 TANGENT SECTION  
STA. 16+51.69 TO STA. 17+51.69

LEGEND - PROPOSED

- ① 1 1/2" HMA SURFACE CRSE, MIX "D", N50
- ② 1 1/2" POLY HMA SURFACE CRSE, MIX "E", N70
- ③ 9 3/4" PCC PAVEMENT
- ④ 5" AGGREGATE BASE COURSE, TYPE A
- ⑤ 8" AGGREGATE BASE COURSE, TYPE A
- ⑥ 3/4" POLYMERIZED LEVELING BINDER
- ⑦ 1" POLYMERIZED LEVELING BINDER
- ⑧ HMA BINDER CRSE, IL -19.0, N50
- ⑨ HMA BINDER CRSE, IL -19.0, N70
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ⑪ PCC SHOULDERS, 9 3/4"
- ⑫ HOT-MIX ASPHALT SHOULDER 8"
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ CONCRETE MEDIAN
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ CCC & G, TYPE B-6.12
- ⑰ 4" PIPE UNDERDRAIN
- ⑱ 2" HMA SURFACE REMOVAL
- ⑲ # 5 TIE BAR
- ⑳ COURSE AGGREGATE FILL

LEGEND - EXISTING

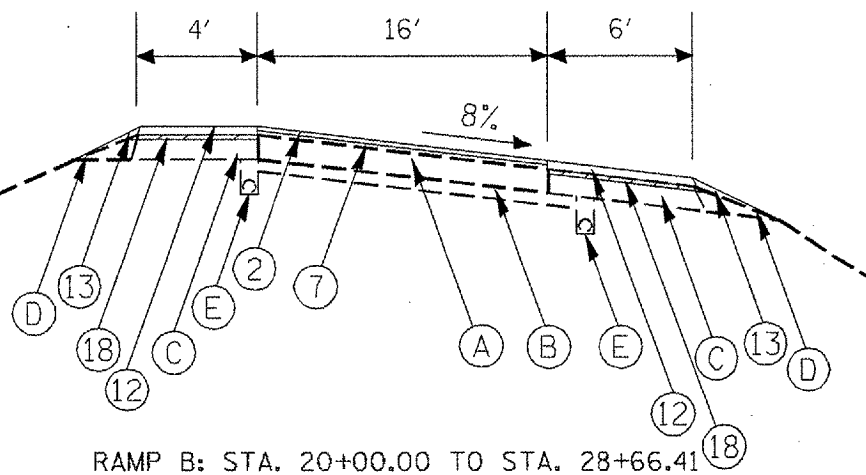
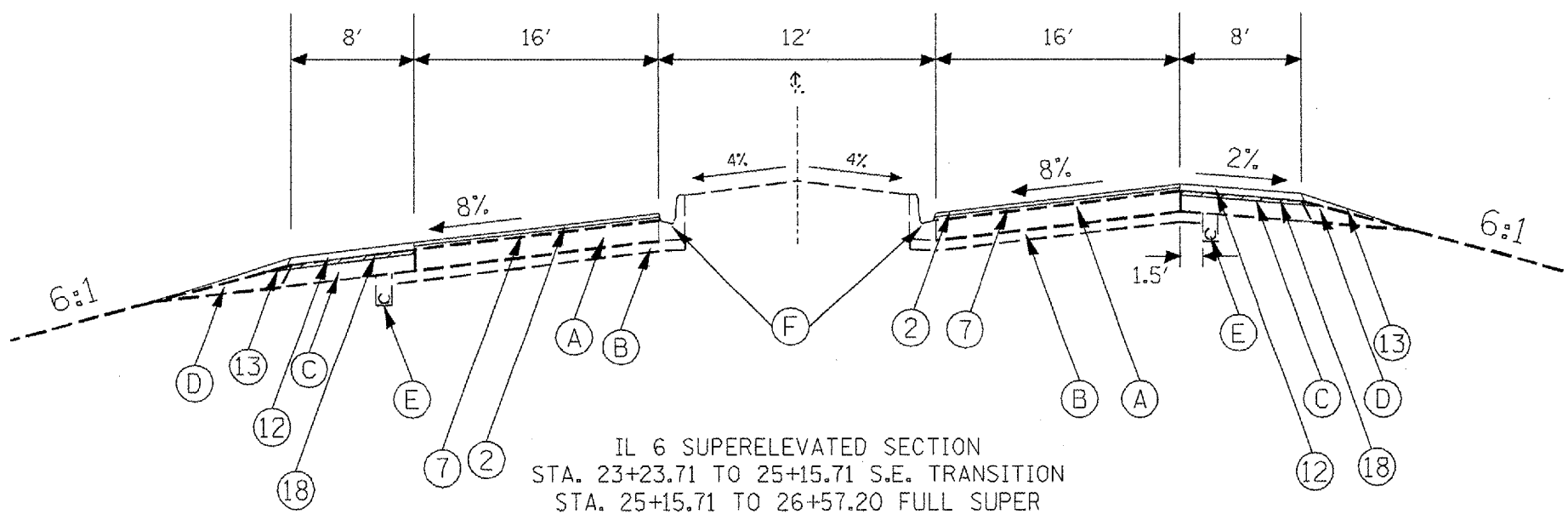
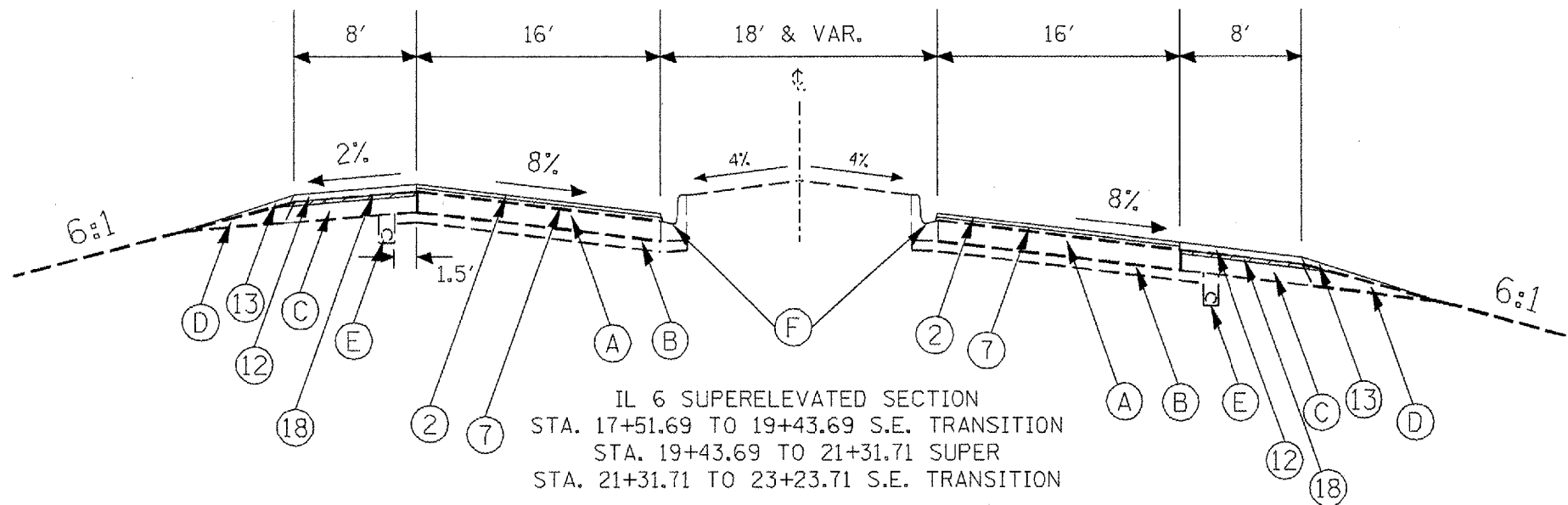
- Ⓐ 10" STANDARD REINFORCED PCC PAVEMENT
- Ⓑ 4" STABILIZED SUB-BASE (BAM)
- Ⓒ 10" STABILIZED SHOULDERS (BAM)
- Ⓓ AGGREGATE SHOULDER TYPE B
- Ⓔ 4" PIPE UNDERDRAIN
- Ⓕ CCC & G, TYPE B-6.12
- Ⓖ CONCRETE MEDIAN TYPE S.B.-6.12
- Ⓗ VAR. DEPTH HMA OVERLAY
- Ⓘ CONCRETE OR GRASS MEDIAN
- Ⓝ HMA BINDER COURSE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PROPOSED RIGID PAVEMENT  
IL 6  
SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

PLOT DATE = 02/17/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = bvrason

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	14
STA. _____ TO STA. _____		FED. ROAD DIST. NO. _____ (ILLINOIS) FED. AID PROJECT		



LEGEND - PROPOSED

- ① 1 1/2" HMA SURFACE CRSE, MIX "D", N50
- ② 1 1/2" POLY HMA SURFACE CRSE, MIX "E", N70
- ③ 9 3/4" PCC PAVEMENT
- ④ 5" AGGREGATE BASE COURSE, TYPE A
- ⑤ 8" AGGREGATE BASE COURSE, TYPE A
- ⑥ 3/4" POLYMERIZED LEVELING BINDER
- ⑦ 1" POLYMERIZED LEVELING BINDER
- ⑧ HMA BINDER CRSE, IL -19.0, N50
- ⑨ HMA BINDER CRSE, IL -19.0, N70
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ⑪ PCC SHOULDERS, 9 3/4"
- ⑫ HOT-MIX ASPHALT SHOULDER 8"
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ CONCRETE MEDIAN
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ CCC & G, TYPE B-6.12
- ⑰ 4" PIPE UNDERDRAIN
- ⑱ 2" HMA SURFACE REMOVAL
- ⑲ # 5 TIE BAR
- ⑳ COURSE AGGREGATE FILL

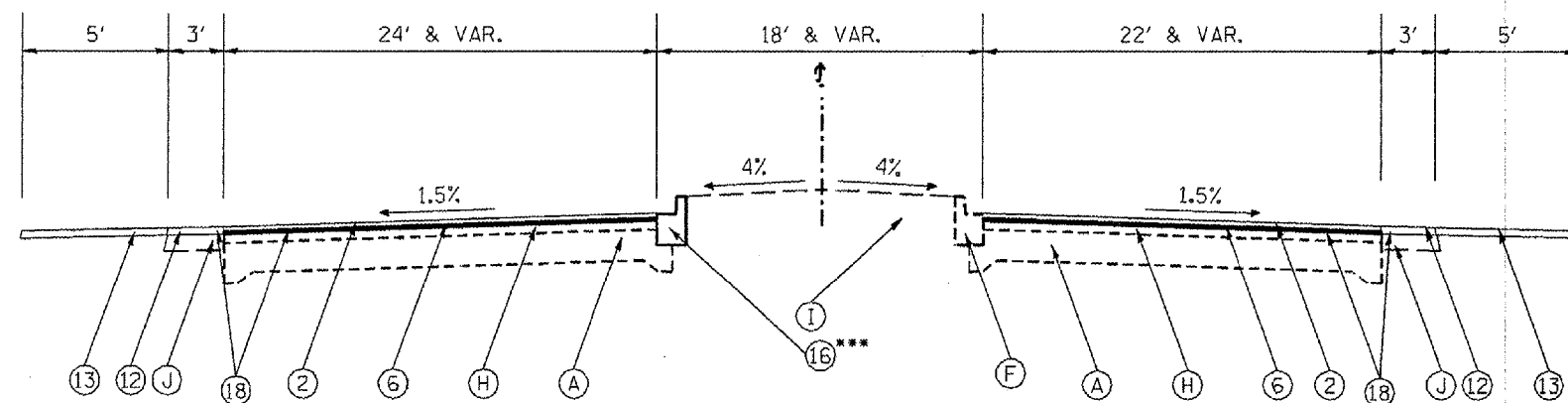
LEGEND - EXISTING

- Ⓐ 10" STANDARD REINFORCED PCC PAVEMENT
- Ⓑ 4" STABILIZED SUB-BASE (BAM)
- Ⓒ 10" STABILIZED SHOULDERS (BAM)
- Ⓓ AGGREGATE SHOULDER TYPE B
- Ⓔ 4" PIPE UNDERDRAIN
- Ⓕ CCC & G, TYPE B-6.12
- Ⓖ CONCRETE MEDIAN TYPE S.B.-6.12
- Ⓗ VAR. DEPTH HMA OVERLAY
- Ⓘ CONCRETE OR GRASS MEDIAN
- Ⓝ HMA BINDER COURSE

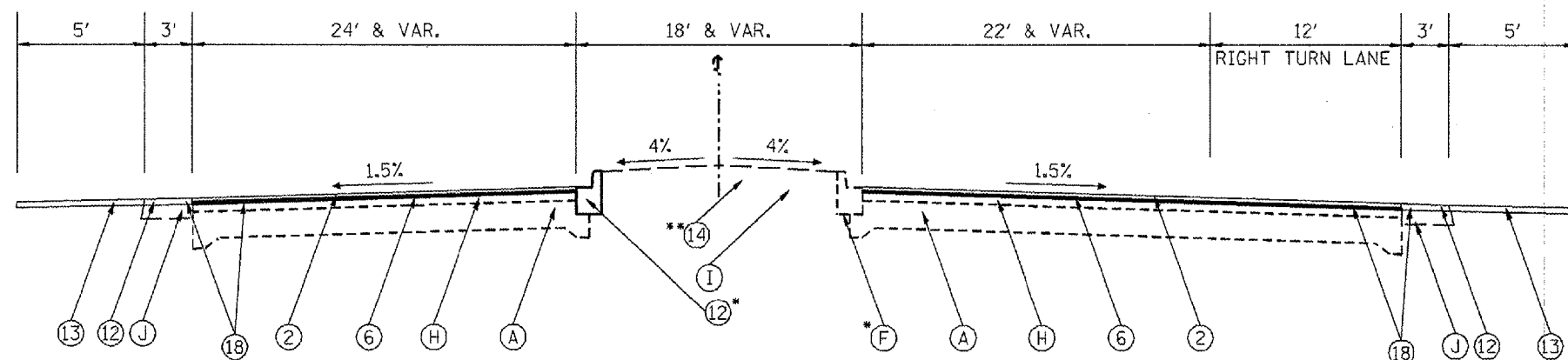
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		PROPOSED RIGID PAVEMENT IL 6 & RAMP B  SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

PLOT DATE = DATE  
 PLOT SCALE = SCALE  
 USER NAME = USER

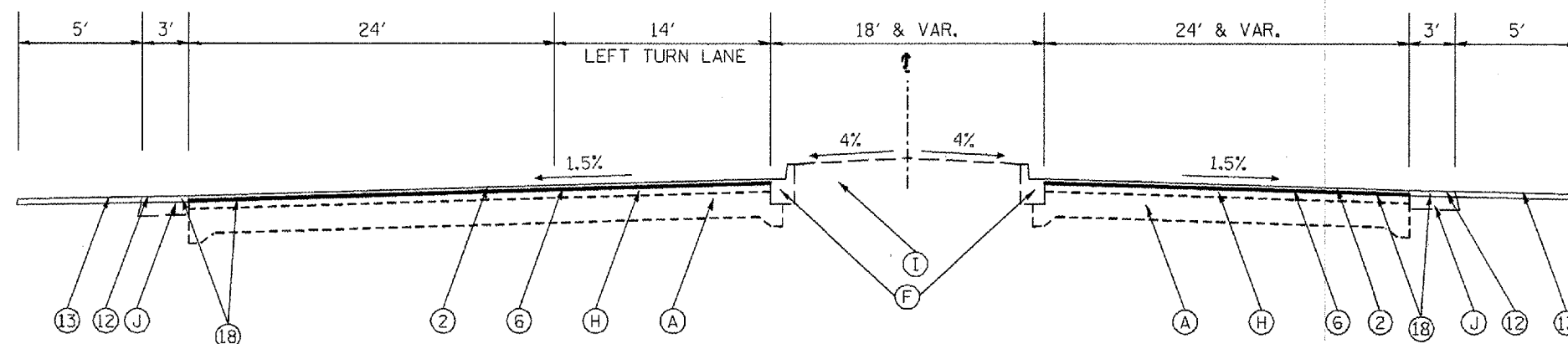
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



IL 29  
 STA. 32+97.50 TO 41+69.00  
 STA. 53+36.00 TO 54+95.00



IL 29  
 STA. 41+69.00 TO 46+51.72



IL 29  
 STA. 46+51.72 TO 53+36.00

LEGEND - PROPOSED

- ① 1 1/2" HMA SURFACE CRSE, MIX "D", N50
- ② 1 1/2" POLY HMA SURFACE CRSE, MIX "E", N70
- ③ 9 3/4" PCC PAVEMENT
- ④ 5" AGGREGATE BASE COURSE, TYPE A
- ⑤ 8" AGGREGATE BASE COURSE, TYPE A
- ⑥ 3/4" POLYMERIZED LEVELING BINDER
- ⑦ 1" POLYMERIZED LEVELING BINDER
- ⑧ HMA BINDER CRSE, IL -19.0, N50
- ⑨ HMA BINDER CRSE, IL -19.0, N70
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ⑪ PCC SHOULDERS, 9 3/4"
- ⑫ HOT-MIX ASPHALT SHOULDER 8"
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ CONCRETE MEDIAN
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ CCC & G, TYPE B-6.12
- ⑰ 4" PIPE UNDERDRAIN
- ⑱ 2" HMA SURFACE REMOVAL
- ⑲ # 5 TIE BAR
- ⑳ COURSE AGGREGATE FILL

LEGEND - EXISTING

- (A) 10" STANDARD REINFORCED PCC PAVEMENT
- (B) 4" STABILIZED SUB-BASE (BAM)
- (C) 10" STABILIZED SHOULDERS (BAM)
- (D) AGGREGATE SHOULDER TYPE B
- (E) 4" PIPE UNDERDRAIN
- (F) CCC & G, TYPE B-6.12
- (G) CONCRETE MEDIAN TYPE S.B.-6.12
- (H) VAR. DEPTH HMA OVERLAY
- (I) CONCRETE OR GRASS MEDIAN
- (J) HMA BINDER COURSE

\*STA. 41+69.00 TO STA. 44+93.21

\*\*STA. 44+93.21 TO STA. 46+51.72

\*\*\*STA. 32+97.50 TO STA. 41+69.00

REVISIONS	
NAME	DATE

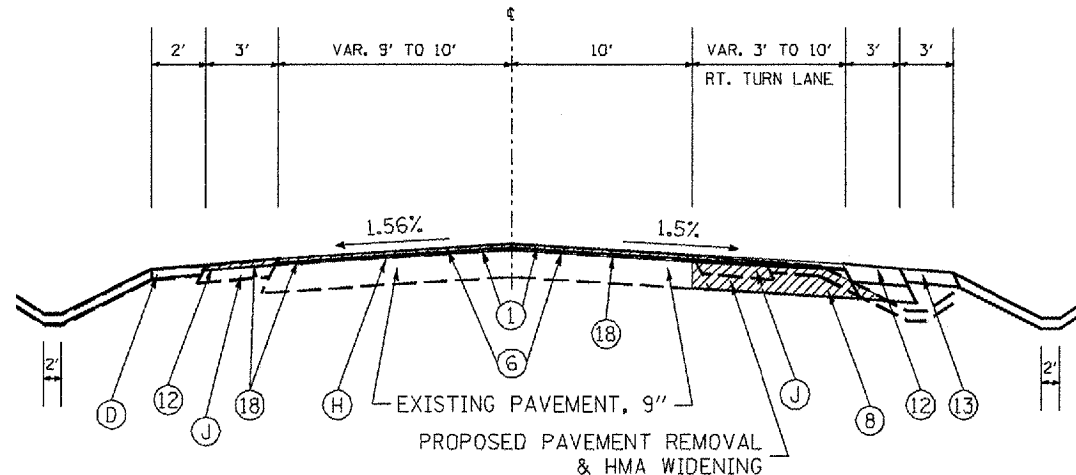
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED RIGID PAVEMENT  
 IL 6

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

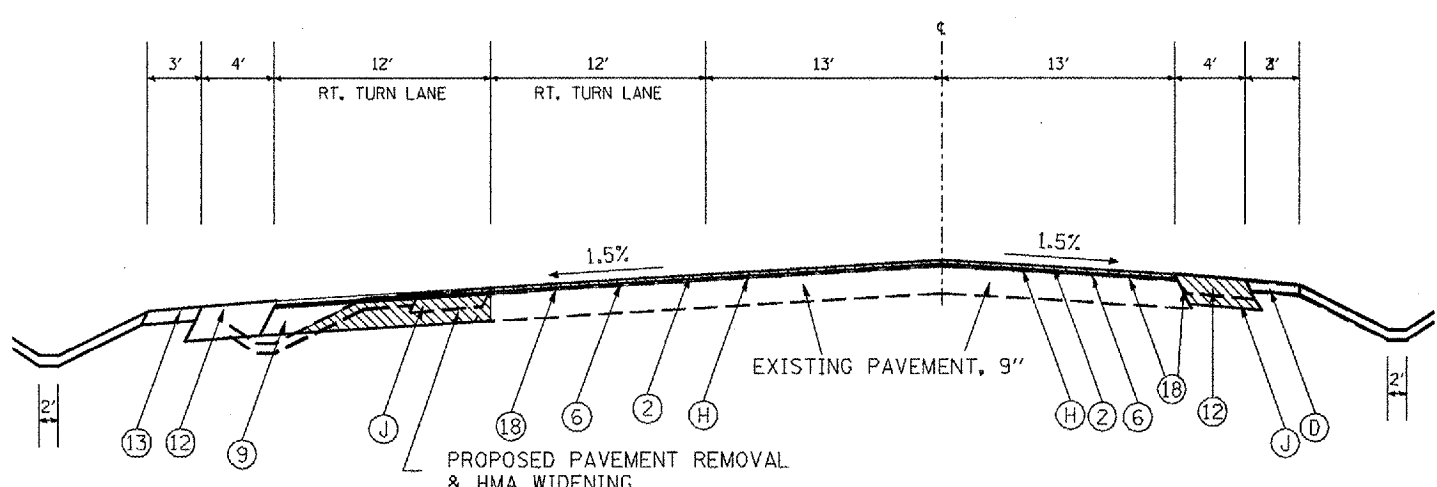
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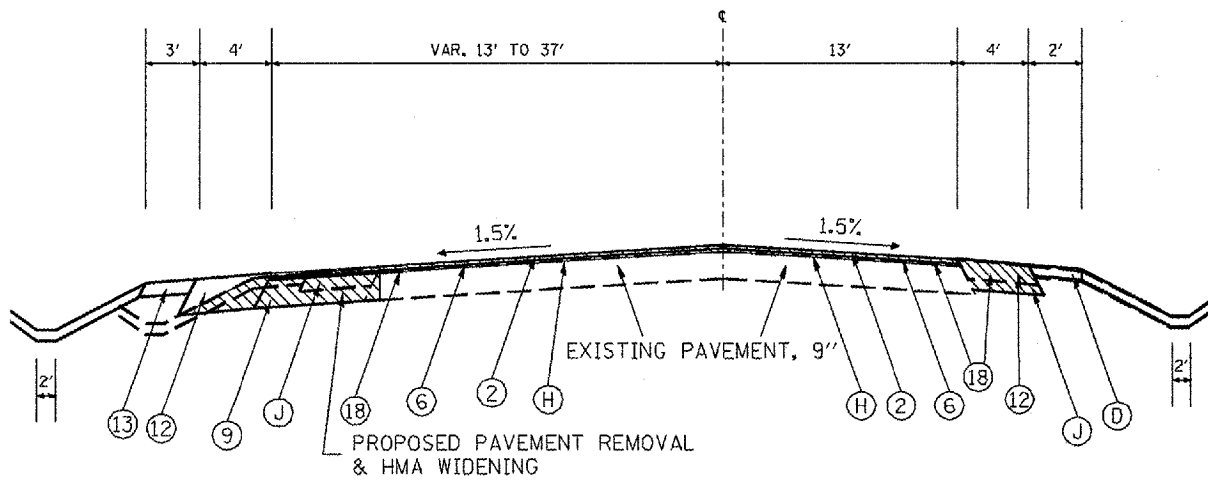
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	GEORGIA	89	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



STATE ST.: STA. 328+62.50 TO STA. 331+16.05



GALENA RD.: STA. 331+78.05 TO 334+31.45



GALENA RD.: STA. 334+31.45 TO 337+32.35

LEGEND - PROPOSED

- ① 1 1/2" HMA SURFACE CRSE, MIX "D", N50
- ② 1 1/2" POLY HMA SURFACE CRSE, MIX "E", N70
- ③ 9 3/4" PCC PAVEMENT
- ④ 5" AGGREGATE BASE COURSE, TYPE A
- ⑤ 8" AGGREGATE BASE COURSE, TYPE A
- ⑥ 3/4" POLYMERIZED LEVELING BINDER
- ⑦ 1" POLYMERIZED LEVELING BINDER
- ⑧ HMA BINDER CRSE, IL -19.0, N50
- ⑨ HMA BINDER CRSE, IL -19.0, N70
- ⑩ SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- ⑪ PCC SHOULDERS, 9 3/4"
- ⑫ HOT-MIX ASPHALT SHOULDER 8"
- ⑬ AGGREGATE SHOULDERS, TYPE B 6"
- ⑭ CONCRETE MEDIAN
- ⑮ CONCRETE MEDIAN SURFACE, 4"
- ⑯ CCC & G, TYPE B-6.12
- ⑰ 4" PIPE UNDERDRAIN
- ⑱ 2" HMA SURFACE REMOVAL
- ⑲ # 5 TIE BAR
- ⑳ COURSE AGGREGATE FILL

LEGEND - EXISTING

- Ⓐ 10" STANDARD REINFORCED PCC PAVEMENT
- Ⓑ 4" STABILIZED SUB-BASE (BAM)
- Ⓒ 10" STABILIZED SHOULDERS (BAM)
- Ⓓ AGGREGATE SHOULDER TYPE B
- Ⓔ 4" PIPE UNDERDRAIN
- Ⓕ CCC & G, TYPE B-6.12
- Ⓖ CONCRETE MEDIAN TYPE S.B.-6.12
- Ⓗ VAR. DEPTH HMA OVERLAY
- Ⓘ CONCRETE OR GRASS MEDIAN
- Ⓝ HMA BINDER COURSE

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		EXISTING & PROPOSED FLEXIBLE PAVEMENT STATE STREET & OLD GALENA ROAD
SCALE:	VERT. DATE	HORIZ. DATE
DRAWN BY		CHECKED BY

DATE = 12/17/2007  
 PLOT DATE = 12/17/2007  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = bbrunson



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-(6-1)RS	PEORIA	89	17
IL 6				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SODDING, SALT TOLERANT	
LOCATION	SQ YD
IL 29 STA. 32+97.5 TO STA. 44+93.22	2,657
<b>TOTAL</b>	<b>2,657</b>

SUPPLEMENTAL WATERING	
LOCATION	UNIT
IL 29 STA. 32+97.5 TO STA. 44+93.22	50
<b>TOTAL</b>	<b>50</b>

INCIDENTAL HOT-MIX ASPHALT SURFACING	
LOCATION	TON
IL 6	
STA. 0+32.00 TO STA. 13+60.80	200
<b>TOTAL</b>	<b>200</b>

TEMPORARY DITCH CHECKS	
LOCATION	EACH
RT. STA. 7+70 (IL6)	1
RT. STA. 329+50 (STATE ST.)	1
RT. STA. 330+30 (STATE ST.)	1
LT. STA. 334+00 (OLD GALENA RD.)	1
LT. STA. 336+50 (OLD GALENA RD.)	1
<b>TOTAL</b>	<b>5</b>

TEMPORARY RAMP	
LOCATION	SQ YD
<b>IL 29</b>	
LT. STA. 32+97.28 TO LT. STA. 33+07.28	26.67
LT. STA. 54+85.69 TO LT. STA. 54+95.69	33.05
RT. STA. 32+97.28 TO RT. STA. 33+07.28	24.45
RT. STA. 54+85.69 TO RT. STA. 54+95.69	34.67
<b>IL 6</b>	
LT. STA. 13+50.80 TO LT. STA. 13+60.80	31.14
LT. STA. 26+17.36 TO LT. STA. 26+27.36	19.47
RT. STA. 13+50.80 TO RT. STA. 13+60.80	39.27
RT. STA. 26+17.36 TO RT. STA. 26+27.36	19.34
<b>RAMP B</b>	
⊕ STA. 20+00.00 TO ⊕ STA. 20+10.00	17.78
<b>OLD GALENA ROAD</b>	
STA. 323+25.19 TO STA. 323+30.19	14.48
<b>STATE STREET</b>	
STA. 331+86.59 TO STA. 331+91.59	11.11
<b>TOTAL</b>	<b>271</b>

PERIMETER EROSION BARRIER	
LOCATION	FOOT
(IL 29) RT. STA. 44+75 TO (OLD GALENA) RT. STA. 334+30	822
(IL 29) RT. STA. 50+15 TO (STATE ST) RT. STA. 328+25	843
(OLD GALENA) LT. STA. 337+00 TO (IL 6) RT. STA. 8+50	615
(STATE ST.) LT. STA. 329+85 TO (IL 6) LT. STA. 8+50	321
<b>TOTAL</b>	<b>2,601</b>

EROSION CONTROL BLANKET	
LOCATION	SQ YD
RT. STA. 43+99 (IL 29) TO RT. STA. 2+95 (IL 6)	444.4
LT. STA. 1+50 (IL6) TO RT. STA. 329+75 (STATE ST.)	555.6
LT. STA. 329+75 (STATE ST.) TO LT. STA. 9+16 (IL 6)	500
RT. STA. 337+32.31 (GALENA) TO RT. STA. 5+00 (IL 6)	638.9
LT. STA. 333+00 TO LT. STA. 336+50 (GALENA)	520
<b>TOTAL</b>	<b>2,659</b>

EARTH WORK					
LOCATION	EARTH EXCAV.	ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTH BALANCE WASTE(+) SHORTAGE(-)	TOPSOIL FURN. 4"
	CU YD	CU YD	CU YD	CU YD	SQ YD
OLD GALENA LT. STA. 332+00 TO 337+00	75.0	56.0	175.0	-119.0	520
STATE ST. RT. STA. 328+50 TO 330+50	3.0	2.25	15.0	-13.0	122
IL 29 & IL 6 RT. STA. 45+00 TO 2+50	523.0	392.0	0.0	+392.0	780
<b>TOTAL</b>	<b>601.0</b>	<b>450.25</b>	<b>190.0</b>	<b>+260.25</b>	<b>1,422</b>

PATCHING SHEDULE			
LOCATION	CLASS B PATCHES, TYPE II, 11 INCH	CLASS D PATCHES, TYPE II, 14 INCH	CLASS D PATCHES, TYPE IV, 14 INCH
	SQ. YD.	SQ. YD.	SQ. YD.
<b>IL 29</b>			
⊕ STA. 32+98.00 TO ⊕ STA. 54+95.00		50	175
<b>IL 6</b>			
⊕ STA. 13+60.80 TO STA.18+00.00 & RAMP B ⊕ STA. 20+00.00 TO ⊕ STA. 28+66.41	100		
<b>TOTAL</b>	<b>100</b>	<b>50</b>	<b>175</b>

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION	
<b>SCHEDULE OF QUANTITIES</b>	
SCALE: VERT. _____	DRAWN BY _____
DATE _____	CHECKED BY _____

PLOT DATE: 12/17/2007  
 PLOT SCALE: 1/8"=1'-0"  
 USER NAME: jbruce

CONTRACT NO. 68110				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1RS	PEORIA	89	18
IL 6				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

ENGINEER'S FIELD OFFICE, TYPE A	
LOCATION	CAL MO
JOBSITE	6
TOTAL	6

TRAFFIC CONTROL AND PROTECTION							
LOCATION	STD 701306	STD 701326	STD 701406	STD 701421	STD 701422	STD 701701	SPECIAL
	L SUM	EACH	L SUM	EACH	L SUM	L SUM	L SUM
JOBSITE	1	1	1	1	1	1	1
TOTAL	1	1	1	1	1	1	1

AGGREGATE BASE COURSE, TYPE A	
LOCATION	TON
IL 6	
☉ STA. 0+32.00 TO ☉ STA. 1+84.65	986.21
☉ STA. 1+84.65 TO ☉ STA. 2+67.32	376.92
☉ STA. 2+67.32 TO ☉ STA. 4+17.32	638.31
☉ STA. 4+17.32 TO ☉ STA. 8+05.69	1,534.6
☉ STA. 8+05.69 TO ☉ STA. 13+60.80	2,411.88
TOTAL	5,948

ENGINEER'S FIELD LABRATORY	
LOCATION	CAL MO
JOBSITE	6
TOTAL	6

TRAFFIC CONTROL SURVEILLANCE	
LOCATION	CAL DAY
JOBSITE	25
TOTAL	25

WORK ZONE PAVEMENT MARKING REMOVAL	
LOCATION	SQ FT
IL. 29 & IL. 6	1,142
TOTAL	1,142

SUB-BASE GRANULAR MATERIAL, TYPE B 4 INCH	
LOCATION	SQ YD
IL 6	
LT. STA. 0+32.00 TO LT. STA. 1+84.65	62.73
LT. STA. 1+84.65 TO LT. STA. 3+67.50	55.89
LT. STA. 3+67.50 TO LT. STA. 4+17.32	26.28
LT. STA. 4+17.32 TO LT. STA. 13+60.80	569.89
RT. STA. 0+32.00 TO RT. STA. 1+39.00	135.92
RT. STA. 1+39.00 TO RT. STA. 4+86.80	260.85
RT. STA. 4+86.80 TO RT. STA. 13+60.80	466.38
MED. STA. 0+58.97 TO MED. STA. 5+02.50	554.50
MED. STA. 6+20.32 TO MED. STA. 13+65.32	516.24
IL 29	
MED. STA. 44+93.22 TO MED. STA. 46+51.81	343.36
OLD GALENA ROAD	
LT. STA. 331+93.03 (ISLAND)	40.24
STATE STREET	
RT. STA. 331+00.48 (ISLAND)	46.41
TOTAL	13,870

TRAINEES	
LOCATION	HOUR
JOBSITE	500
TOTAL	500

RAISED REFLECTIVE PAVEMENT MARKER	
LOCATION	EACH
IL. 29 & IL. 6	700
TOTAL	700

PERMANENT SURVEY MARKERS, TYPE 1	
LOCATION	EACH
IL. 29 & IL. 6	1
IL. 6 & OLD GALENA RD	1
TOTAL	2

MOBILIZATION	
LOCATION	HOUR
JOBSITE	500
TOTAL	500

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
LOCATION	EACH
IL. 29 & IL. 6	800
TOTAL	800

PERMANENT SURVEY TIES	
LOCATION	EACH
IL. 29 & IL. 6	4
IL. 6 & OLD GALENA RD	4
TOTAL	8

CONSTRUCTION LAYOUT	
LOCATION	L. SUM
JOBSITE	1
TOTAL	1

CONSTRUCTING TEST STRIP	
LOCATION	EACH
JOBSITE	1
TOTAL	1

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS	
LOCATION	EACH
OLD GALENA ROAD	3
TOTAL	3

CHANGEABLE MESSAGE SIGN	
LOCATION	CAL MO
JOBSITE	24
TOTAL	24

SHORT-TERM PAVEMENT MARKING	
LOCATION	FEET
IL. 29 & IL. 6	1,887.33
X BY 3 APPLICATIONS (MILLED, BINDER, SURFACE)	
TOTAL	5,662

MOWING	
LOCATION	UNITS
IL 6 RT & LT. STA. 0+00 TO STA. 6+00	2.5
TOTAL	2.5

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCHEDULE OF QUANTITIES
		SCALE: VERT. HORIZ.
		DATE
		DRAWN BY
		CHECKED BY

F.A.P. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-(6-DRS	PEORIA	89	19
IL 6				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE**

LOCATION	4"	4"	6"	8"	12"	24"	LETTERS & SYMBOLS SQ FT
	WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
<b>IL 29</b>							
LT. STA. 32+97.28 TO STA. 46+81	1384	1,363	330				23
RT. STA. 32+97.28 TO STA. 46+81	1,202	1,350	340	88		22	54.2
LT. STA. 46+81 TO STA. 54+95.87	815	764	190	1,191	137	46	54.2
RT. STA. 46+81 TO STA. 54+95.87	701	756	190	835	121		34.5
<b>IL 6</b>							
RT. STA. 0+32 TO STA. 5+00	574	453	80	373	169	25	88.7
LT. STA. 0+32 TO STA. 5+00	443	453	60	584	164	40	93.6
RT. STA. 6+22.82 TO STA. 14+50	818	1,426	60	504	550		23
LT. STA. 6+22.82 TO STA. 14+50	830	838	210	1,150	250	40	38.6
RT. STA. 14+50 TO STA. 17+52	202	302		459	200		
LT. STA. 14+50 TO STA. 17+52	302	302	40	304			
RT. STA. 17+52 TO STA. 26+30	979	878					
LT. STA. 17+52 TO STA. 26+30	878	878					
<b>STATE STREET</b>							
RT. STA. 328+62.5 TO STA. 331+47	235	371		261	213	28	
LT. STA. 328+62.5 TO STA. 331.47	272	371					
<b>OLD GALENA ROAD</b>							
RT. STA. 331+47 TO STA. 337+32.35	574	800			106		
LT. STA. 331+47 TO STA. 337+32.35	516	800		604	153	48	62.4
<b>SUB-TOTAL</b>	10,725	12,105					
<b>TOTAL</b>	22,830		1,500	6,353	2,063	249	472.2

**TEMPORARY PAINT PAVEMENT MARKING - LINE**

LOCATION	4"	4"	6"	8"	12"	24"	LETTERS & SYMBOLS SQ FT
	WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	
<b>IL 29</b>							
LT. STA. 32+97.28 TO STA. 46+81	1384	1,363	330				23
RT. STA. 32+97.28 TO STA. 46+81	1,202	1,350	340	88		22	54.2
LT. STA. 46+81 TO STA. 54+95.87	815	764	190	1,191	137	46	54.2
RT. STA. 46+81 TO STA. 54+95.87	701	756	190	835	121		34.5
<b>IL 6</b>							
RT. STA. 0+32 TO STA. 5+00	574	453	80	373	169	25	88.7
LT. STA. 0+32 TO STA. 5+00	443	453	60	584	164	40	93.6
RT. STA. 6+22.82 TO STA. 14+50	818	1,426	60	504	550		23
LT. STA. 6+22.82 TO STA. 14+50	830	838	210	1,150	250	40	38.6
RT. STA. 14+50 TO STA. 17+52	202	302		459	200		
LT. STA. 14+50 TO STA. 17+52	302	302	40	304			
RT. STA. 17+52 TO STA. 26+30	979	878					
LT. STA. 17+52 TO STA. 26+30	878	878					
<b>STATE STREET</b>							
RT. STA. 328+62.5 TO STA. 331+47	235	371		261	213	28	
LT. STA. 328+62.5 TO STA. 331.47	272	371					
<b>OLD GALENA ROAD</b>							
RT. STA. 331+47 TO STA. 337+32.35	574	800			106		
LT. STA. 331+47 TO STA. 337+32.35	516	800		604	153	48	62.4
<b>SUB-TOTAL</b>	10,725	12,105					
<b>TOTAL</b>	22,830		1,500	6,353	2,063	249	472.2

**COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12**

LOCATION	FOOT
<b>IL 6</b>	
LT. 41'-129' STA. 0+38 TO STA. 1+02	1,009
RT. STA. 0+62 TO STA. 3+74	316.2
LT. STA. 0+62 TO STA. 3+74	315.3
RT. STA. 11+21 TO STA. 13+60	239
LT. STA. 11+21 TO STA. 13+60	240.35
<b>IL 29</b>	
LT. STA. 32+97.34 TO STA. 44+93.22	1,196
<b>TOTAL</b>	<b>3,316</b>

**CONCRETE MEDIAN SURFACE, 4 INCH**

LOCATION	SQ FT
<b>IL. 29</b>	
RT. 38' STA. 48+31 TO STA. 49+18.8	2,580.4
<b>IL. 6</b>	
STA. 0+62 TO STA. 3+74	3,478
STA. 11+21 TO STA. 13+60	1,923.62
<b>TOTAL</b>	<b>7,982</b>

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

SCALE: VERT. DATE: HORIZ.

DRAWN BY: CHECKED BY:

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	20
IL 6	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	
LOCATION	SQ YD
<b>IL 29</b>	
RT. STA. 32+97.28 TO STA. 33+27.28	80
LT. STA. 32+97.28 TO STA. 33+27.28	80
RT. STA. 54+65.69 TO STA. 54+95.69	103
LT. STA. 54+65.69 TO STA. 54+95.69	105
<b>OLD GALENA ROAD</b>	
STA. 337+32.35 TO STA. 337+02.35	86.91
<b>STATE STREET</b>	
STA. 328+62.5 TO STA. 328+92.5	66.67
<b>IL 6</b>	
RT. STA. 13+60.8 TO STA. 13+90.8	146.6
LT. STA. 13+60.8 TO STA. 13+90.8	106.7
RT. STA. 26+00 TO STA. 26+30	80
LT. STA. 26+00 TO STA. 26+30	80
<b>TOTAL</b>	<b>935</b>

HOT-MIX ASPHALT SURFACE REMOVAL 2"	
LOCATION	SQ YD
<b>IL 29</b>	
RT. STA. 33+27.28 TO STA. 46+19.72	7,614
LT. STA. 33+27.28 TO STA. 46+19.72	7,163
<b>OLD GALENA ROAD/SHOULDERS</b>	
STA. 331+75 TO STA. 337+02.35	2,707
<b>STATE STREET/SHOULDERS</b>	
STA. 328+92.5 TO STA. 331+20	1,203
<b>SHOULDERS IL 29</b>	
LT. STA. 32+97.28 TO STA. 54+95.69	1,954
RT. STA. 32+97.28 TO STA. 45+62	1,124.2
RT. STA. 48+73 TO STA. 54+95.69	553.5
<b>SHOULDERS IL 6</b>	
RT. STA. 13+60.8 TO STA. 26+30	1,128.2
LT. STA. 13+60.8 TO STA. 26+30	1,128.2
<b>TOTAL</b>	<b>24,575</b>

ISLAND REMOVAL	
LOCATION	SQ FT
OLD GALENA RD. RT. STA. 331+93	576.5
STATE ST. RT. STA. 331+00	417.7
IL 6 RT. STA. 1+92	4,382
IL 6 LT. STA. 1+33	4,885
IL 29 LT. STA. 46+41	1,306
<b>TOTAL</b>	<b>11,568</b>

CONCRETE MEDIAN REMOVAL	
LOCATION	SQ FT
<b>IL 6</b>	
STA. 6+07 TO STA. 9+67	3,045
STA. 0+45 TO STA. 5+28	7,136
<b>IL 29</b>	
STA. 32+97.5 TO STA. 46+33	796
<b>TOTAL</b>	<b>10,977</b>

BITUMINOUS CONCRETE SHOULDER REMOVAL	
LOCATION	SQ YD
<b>IL 6</b>	
LT. STA. 0+56.00 TO LT. STA. 4+51.88	319.68
LT. STA. 6+13.68 TO LT. STA. 13+60.80	657.33
RT. STA. 0+44.00 TO RT. STA. 5+08.51	379.04
RT. STA. 6+97.52 TO RT. STA. 13+60.80	579.76
<b>OLD GALENA ROAD</b>	
LT. STA. 332+70.87 TO LT. STA. 337+32.35	269.69
<b>STATE STREET</b>	
RT. STA. 329+53.98 TO RT. STA. 331+91.59	92.73
<b>TOTAL</b>	<b>2298</b>

COMBINATION CONCRETE CURB AND GUTTER REMOVAL	
LOCATION	FOOT
<b>IL 29 MEDIANS</b>	
STA. 32+97.28 TO STA. 44+93.22	1,295.2
<b>IL 6 MEDIANS</b>	
STA. 0+46.36 TO STA. 4+68.66	847.8
STA. 8+16.99 TO STA. 13+60.8	1,087
<b>TOTAL</b>	<b>3,230</b>

PAVEMENT REMOVAL	
LOCATION	SQ YD
<b>IL 29</b>	
LT. STA. 32+97.28 TO STA. 46+51.73	1,304
<b>IL 6</b>	
RT. STA. 0+32 TO STA. 13+60.8	4,248.6
LT. STA. 0+32 TO STA. 13+60.8	4,169.4
<b>TOTAL</b>	<b>9,722</b>

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. HORIZ. DATE

DRAWN BY CHECKED BY

PLOT DATE = 12/17/2007  
 FILE NAME = S:\GIS\BENTLEY\ST01\PLANS\68110\RS\REV\Rev\Contract\68110\Cover sheet & SQD.dgn  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = brucebbs

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1RS	PEORIA	89	21
IL 6				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONCRETE HEADWALL FOR PIPE DRAINS	
LOCATION	EACH
IL 6	
LT. STA. 2+00	2
RT. STA. 2+00	2
LT. STA. 7+50	2
RT. STA. 7+50	2
<b>TOTAL</b>	<b>8</b>

PIPE UNDERDRAINS 4"	
LOCATION	FOOT
IL 6	
IL 29 RT. STA. 48+80 - STATE ST. RT. STA. 330+00	700
STATE ST. LT. STA. 330+00 - IL 6 LT. STA. 13+60.8	800
IL 29 RT. STA. 45+75 TO GALENA RD RT. STA. 333+00	720
GALENA RD LT. STA. 333+00 - IL 6 RT. STA. 13+60.8	825
<b>TOTAL</b>	<b>3,045</b>

PIPE UNDERDRAINS (SPECIAL) 4"	
LOCATION	FOOT
IL 6	
LT. STA. 2+00	46
RT. STA. 2+00	50
LT. STA. 7+50	46
RT. STA. 7+50	50
<b>TOTAL</b>	<b>192</b>

TEMPORARY PAVEMENT	
LOCATION	SQ YD
IL 29 & IL 6	
IL 29 RT. STA. 43+99.10 TO IL 6 RT. STA. 2+94.42	469.01
IL 6 LT. STA. 3+0+67 TO IL 29 RT. STA. 49+33.92	277.69
IL 6	
RT. STA. 0+32.00 (PROPOSED ISLAND)	37.87
MED. STA. 6+07.00 TO MED. STA. 9+67.00	454.81
OLD GALENA ROAD	
LT. STA. 331+90.03 (PROPOSED ISLAND)	40.22
STATE STREET	
RT. STA. 331+03.15 (PROPOSED ISLAND)	46.41
LT. STA. 329+91.37 TO IL 6 LT. STA. 9+15.93	218.63
<b>TOTAL</b>	<b>1,545</b>

TEMPORARY PAVEMENT REMOVAL	
LOCATION	SQ YD
IL 29 & IL 6	
IL 29 RT. STA. 43+99.10 TO IL 6 RT. STA. 2+94.42	469.01
IL 6 LT. STA. 3+0+67 TO IL 29 RT. STA. 49+33.92	277.69
IL 6	
RT. STA. 0+32.00 (PROPOSED ISLAND)	37.87
MED. STA. 6+07.00 TO MED. STA. 9+67.00	454.81
OLD GALENA ROAD	
LT. STA. 331+90.03 (PROPOSED ISLAND)	40.22
STATE STREET	
RT. STA. 331+03.15 (PROPOSED ISLAND)	46.41
LT. STA. 329+91.37 TO IL 6 LT. STA. 9+15.93	218.63
<b>TOTAL</b>	<b>1,545</b>

CONCRETE MEDIAN, TYPE SB-6.12	
LOCATION	SQ FT
IL 29	
STA. 44+93.2 TO STA. 46+48.78	3,090
RT. STA. 38' STA. 49+18.8 TO STA. 49+75	274
IL 6	
RT. STA. 0+65.09	341
STA. 0+58.97 TO STA. 0+64.97	43.04
STA. 3+74 TO STA. 5+00	506.22
STA. 6+20 TO STA. 11+21	2,005.9
OLD GALENA ROAD	
RT. STA. 331+96 TO STA. 332+17	362.2
STATE STREET	
RT. STA. 330+08.82 TO STA. 331+03.32	417.7
<b>TOTAL</b>	<b>7,040</b>

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: VERT. DATE

DRAWN BY CHECKED BY

PLOT DATE = 10/17/2007  
 FILE NAME = S:\GLEN\PROJECTS\TOP\PLANS\SUBMIT\EN\Active Contracts\88110\Cover sheet & 300.dgn  
 PLOT SCALE = 1/8"=1'-0"  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = bmoore

F.A.P. RY.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-DRS	PEORIA	89	22
IL 6				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TABULATION OF RESURFACING QUANTITIES

LOCATION	POLYMERIZED HMA SURFACE CSE., MIX "E", N70	HOT-MIX ASPHALT SURFACE CSE., MIX "D" N50	POLYMERIZED LEVELING BINDER, (MM), N50	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	HOT-MIX ASPHALT SHOULDERS		POLYMERIZED BITUMINOUS MATERIAL (PRIME COAT)		AGGREGATE (PRIME COAT)		PCC PAVEMENT 9 3/4" (JOINTED)		PCC SHOULDERS 9 3/4"		AGREGATE SHOULDERS, TYPE B		
	TONS	TONS	TONS	TONS	TONS	LT	RT	TONS	TONS	TONS	TONS	SQ. YD.	SQ. YD.	SQ. YD.	SQ. YD.	LT	RT	
<b>IL 29</b>																		
LT. STA. 32+97.28 TO LT. STA. 46+19.72	302.34		150.78			149.85		1.90	0.43	9.51	4.75							47.19
LT. STA. 46+19.72 TO LT. STA. 47+56.00	59.63		29.77			15.44		0.33	0.08	1.66	0.83							4.86
LT. STA. 47+56.00 TO LT. STA. 54+95.69	295.49		147.53			83.82		1.66	0.42	8.33	4.17							26.40
RT. STA. 32+97.23 TO RT. STA. 45+77.57	310.51		154.88				143.31	1.92	0.44	9.61	4.80							45.13
RT. STA. 45+77.57 TO RT. STA. 47+34.47	47.82		23.87					0.23	0.07	1.13	0.56							
RT. STA. 47+34.47 TO RT. STA. 48+73.47	36.49		18.20					0.17	0.05	0.86	0.43							
RT. STA. 48+73.47 TO RT. STA. 54+95.69	224.40		112.02				70.56	1.29	0.32	6.44	3.22							22.22
<b>IL 6</b>																		
LT. STA. 0+32.00 TO LT. STA. 5+67.82												1,970.42		411.88				26.82
LT. STA. 5+67.82 TO LT. STA. 13+60.80												2,775.08		657.31				42.54
LT. STA. 13+60.80 TO LT. STA. 17+51.69	110.0		73.33			114		0.33	0.16	3.30	1.65							8.31
LT. STA. 17+51.69 TO LT. STA. 26+27.36	130.47		86.98			164.82		0.45	0.19	4.54	2.27							18.46
RT. STA. 0+32.00 TO RT. STA. 5+67.82													2,012.97		480.71			28.64
RT. STA. 5+67.82 TO RT. STA. 13+60.80													2,282.2		545.91			37.31
RT. STA. 13+60.80 TO RT. STA. 18+90.38	141.48		94.12				107.33	0.44	0.21	4.51	2.25							10.84
RT. STA. 18+90.38 TO RT. STA. 26+36.71	112.11		74.45				217.14	0.41	0.16	4.01	2.00							16.36
<b>RAMP B</b>																		
⊕ STA. 20+00.00 TO ⊕ STA. 28+66.41	130.83		87.44			80.35	198.62	0.52	0.18	4.63	2.32							14.57 18.42
<b>OLD GALENA ROAD</b>																		
LT. STA. 331+78.05 TO LT. STA. 337+32.35	83.14		91.39	662.65		32.83		0.52	0.16	2.62	1.31							11.94
RT. STA. 331+78.05 TO RT. STA. 337+32.35	170.78		44.74				127.68	1.39	0.29	4.86	2.43							12.40
<b>STATE STREET</b>																		
LT. STA. 328+62.50 TO LT. STA. 331+16.05		69.77	17.78			11.73		0.54	0.12	1.98	0.99							5.87
RT. STA. 328+62.50 TO RT. STA. 331+16.05		32.64	37.79		148.84		15.01	0.21	0.06	1.02	0.51							6.74
<b>SUBTOTAL</b>						652.84	879.65	12.31	3.5	69.01	34.49	4,745.5	4,295.17	1,069.19	1,026.62	206.96	198.06	
<b>TOTAL</b>	<b>2,156</b>	<b>103</b>	<b>1,245</b>	<b>663</b>	<b>149</b>	<b>1,533</b>	<b>18.4</b>	<b>104</b>	<b>9,041</b>	<b>2,096</b>	<b>405</b>							

SURFACE TYPE	BIT PR COAT	AGG PR COAT
	(GAL/SQ YD)	(LB/SQ YD)
COLD MILLED SURFACES	0.1	4
EXISTING PAVEMENT	0.05	4
NEW HMA COURSES	0.03	2

SURFACE TYPE	LB/SQ YD/IN	TONS/CU YD
	HMA SURF. COURSES	112
ALL OTHER HMA	112	2.016
AGGREGATE SHOULDERS	114	2.05

LOCATION	SQ. YD.
IL 6	
LT. STA. 1+75.00 TO LT. STA. 2+45.00	186.66
⊕ STA. 5+29.82 TO ⊕ STA. 6+05.82	480.00
RT. STA. 7+25.69 TO RT. STA. 8+05.69	106.66
<b>TOTAL</b>	<b>773</b>

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

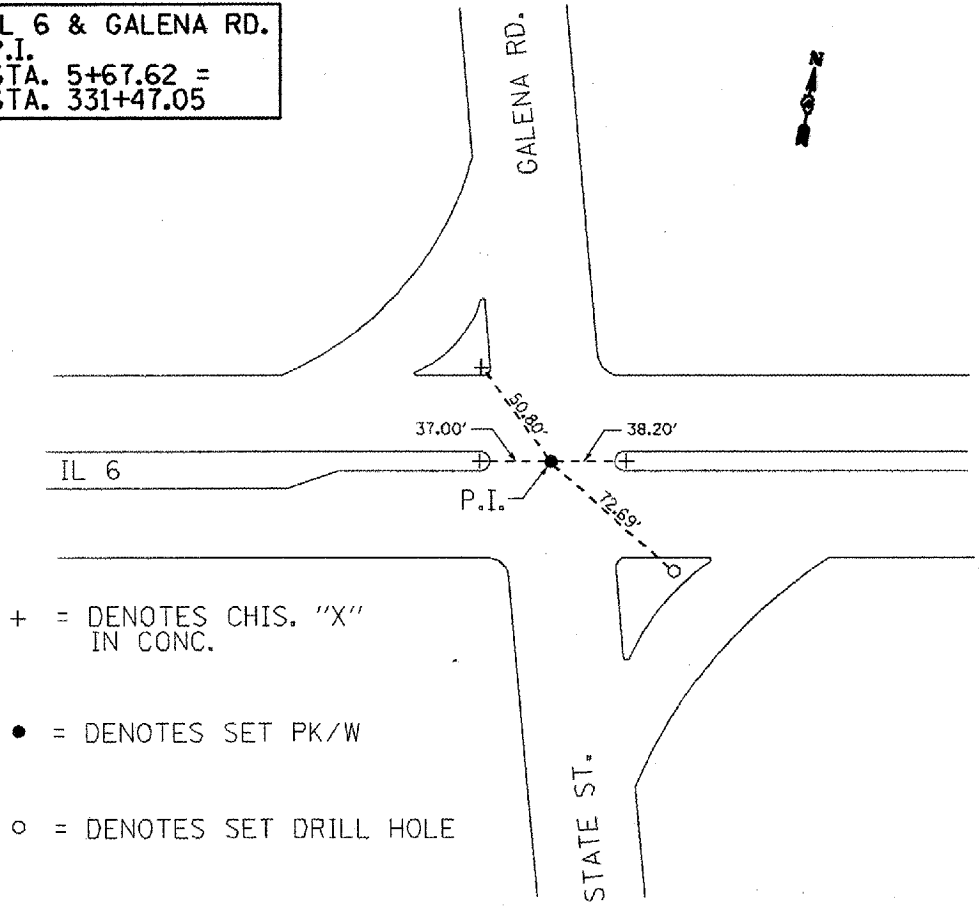
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DRAWN BY CHECKED BY

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 USER NAME = broussin

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-LIRS	PEORIA	89	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

IL 6 & GALENA RD.  
P.I.  
STA. 5+67.62 =  
STA. 331+47.05

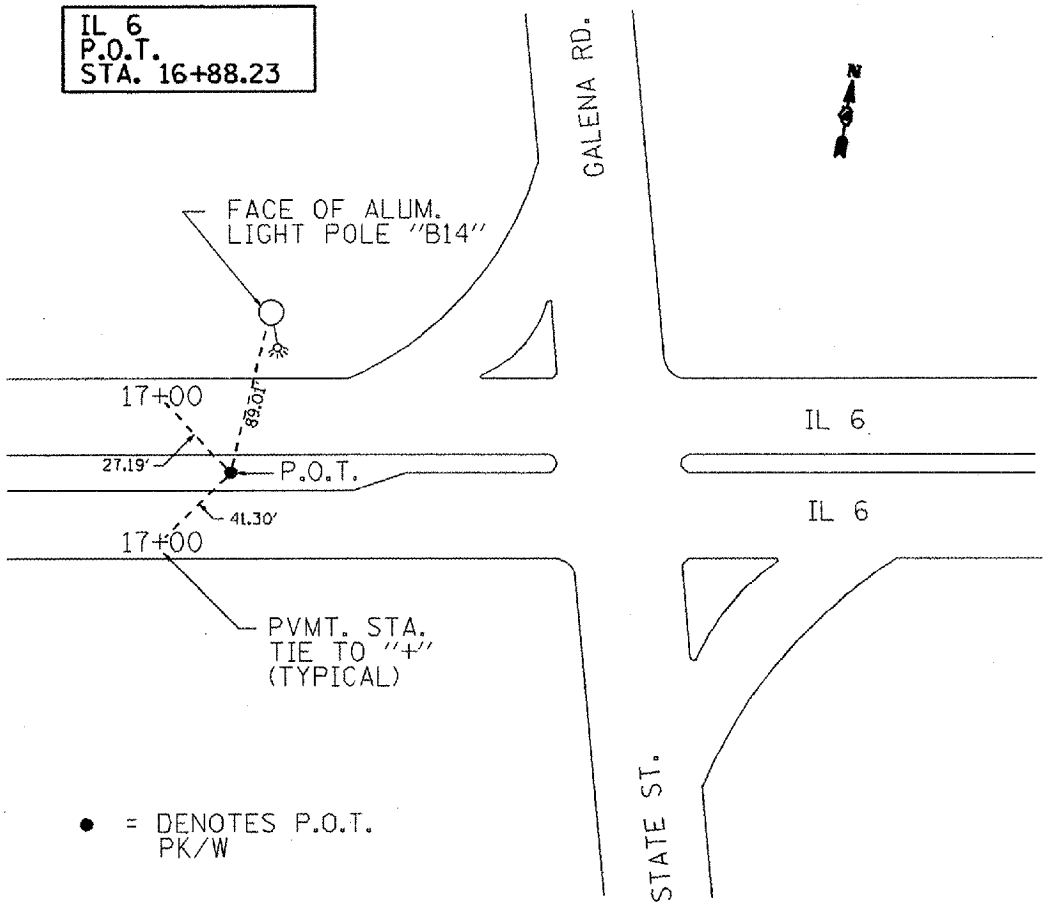


- + = DENOTES CHIS. "X" IN CONC.
- = DENOTES SET PK/W
- = DENOTES SET DRILL HOLE

**BENCHMARKS**

	ELEVATION	DESCRIPTION
BM # 3	462.82	CHIS. "X" ON S.W. FLANGE BOLT OF FIRE HYDRANT @ S.E. QUADRANT OF THE INTERSECTION OF IL 6 & STATE ST.
BM # 4	478.57	CHIS. "X" ON TOP OF THE S.E. FLANGE BOLT OF SL#1119636 "B15" @ STA. 3+00 OF RAMP A, (DEAD END N.B. ON RAMP TO IL 6).
TBM # 1	464.71	CHIS. "□" IN NOSE OF CENTER CONC. MEDIAN, WEST SIDE OF IL 29, @ INTERSECTION OF IL 29 AND IL 6.

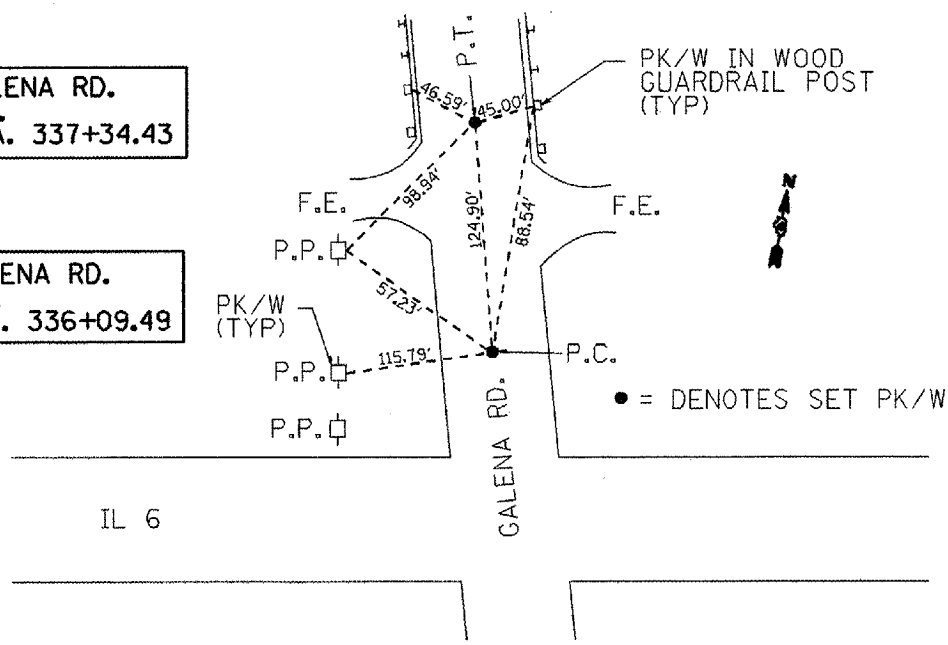
IL 6  
P.O.T.  
STA. 16+88.23



- = DENOTES P.O.T. PK/W

GALENA RD.  
P.T.  
STA. 337+34.43

GALENA RD.  
P.C.  
STA. 336+09.49



- = DENOTES SET PK/W

REVISIONS	
NAME	DATE

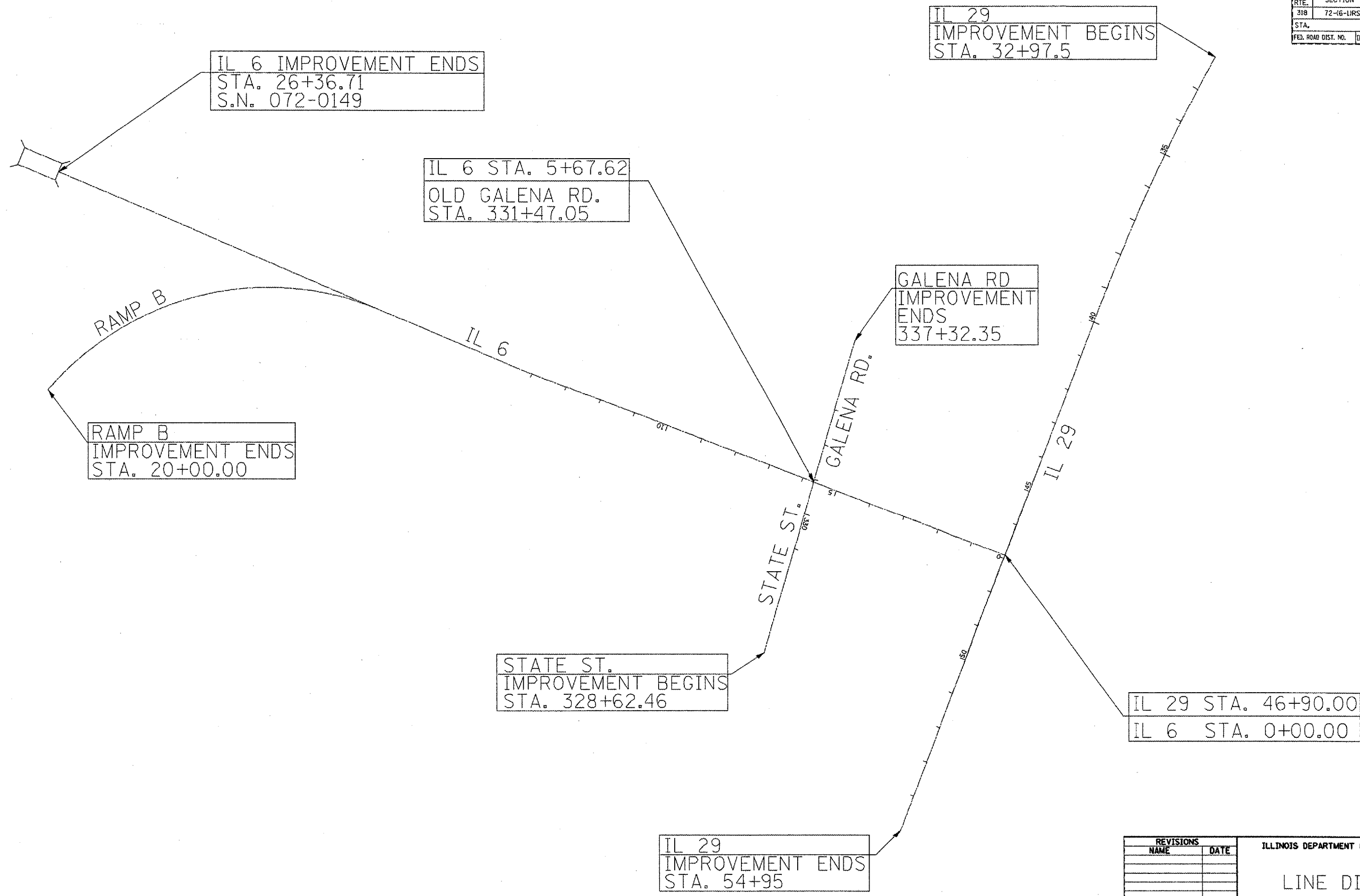
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**BENCHMARKS & RECOVERY TIES**

NOT TO SCALE  
DATE

DRAWN BY  
CHECKED BY

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 LE SHEET = 23  
 LE TOTAL SHEETS = 89

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

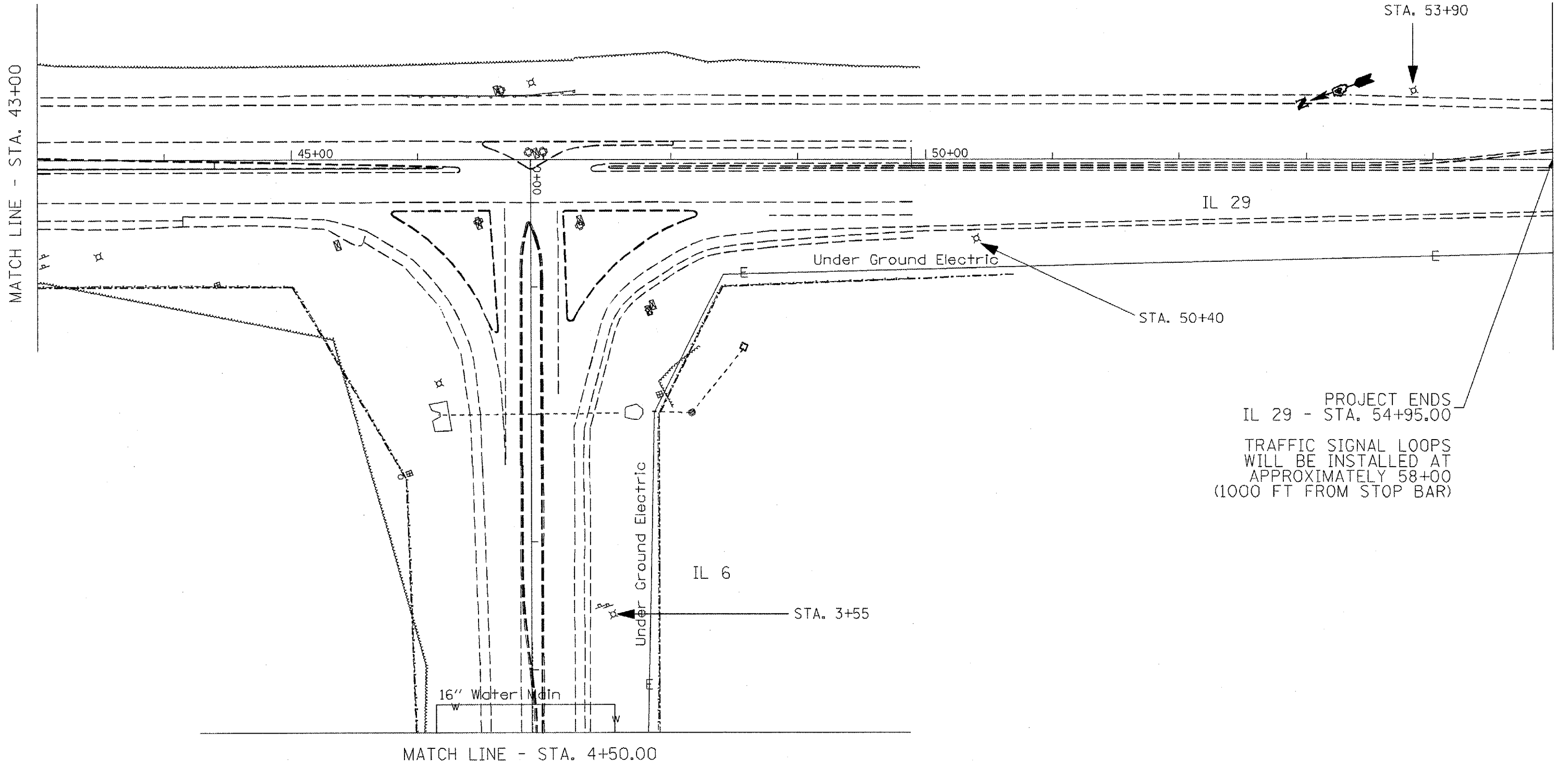
DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

12/17/2007  
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 USER NAME = Benben





F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



PROJECT ENDS  
 IL 29 - STA. 54+95.00  
 TRAFFIC SIGNAL LOOPS  
 WILL BE INSTALLED AT  
 APPROXIMATELY 58+00  
 (1000 FT FROM STOP BAR)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		

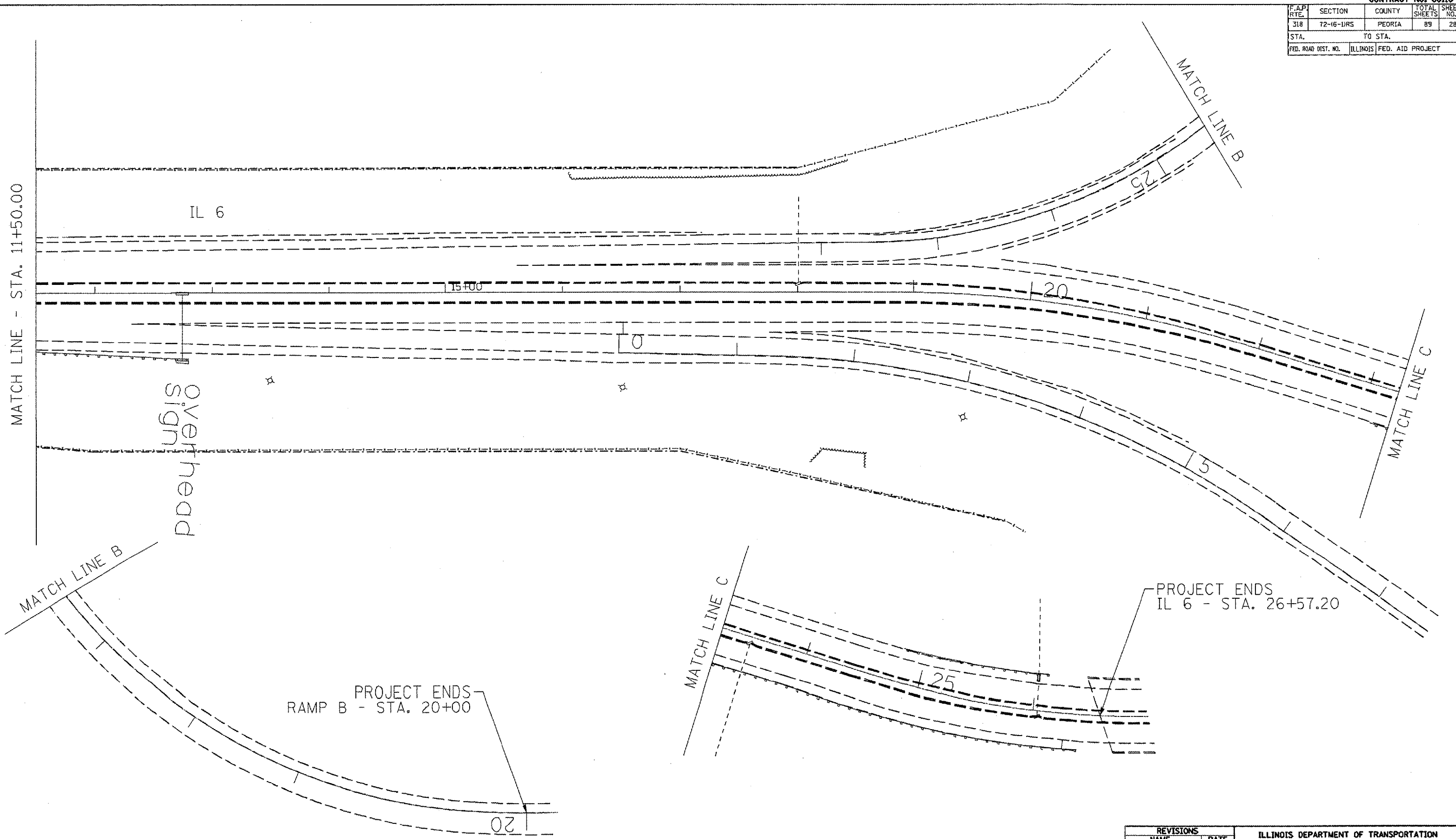
EXISTING PLAN

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DATE _____	CHECKED BY _____

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 DT SCALE = 1/8"=1'-0"  
 ER NAME = Bruce



CONTRACT NO. 68110				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	28
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



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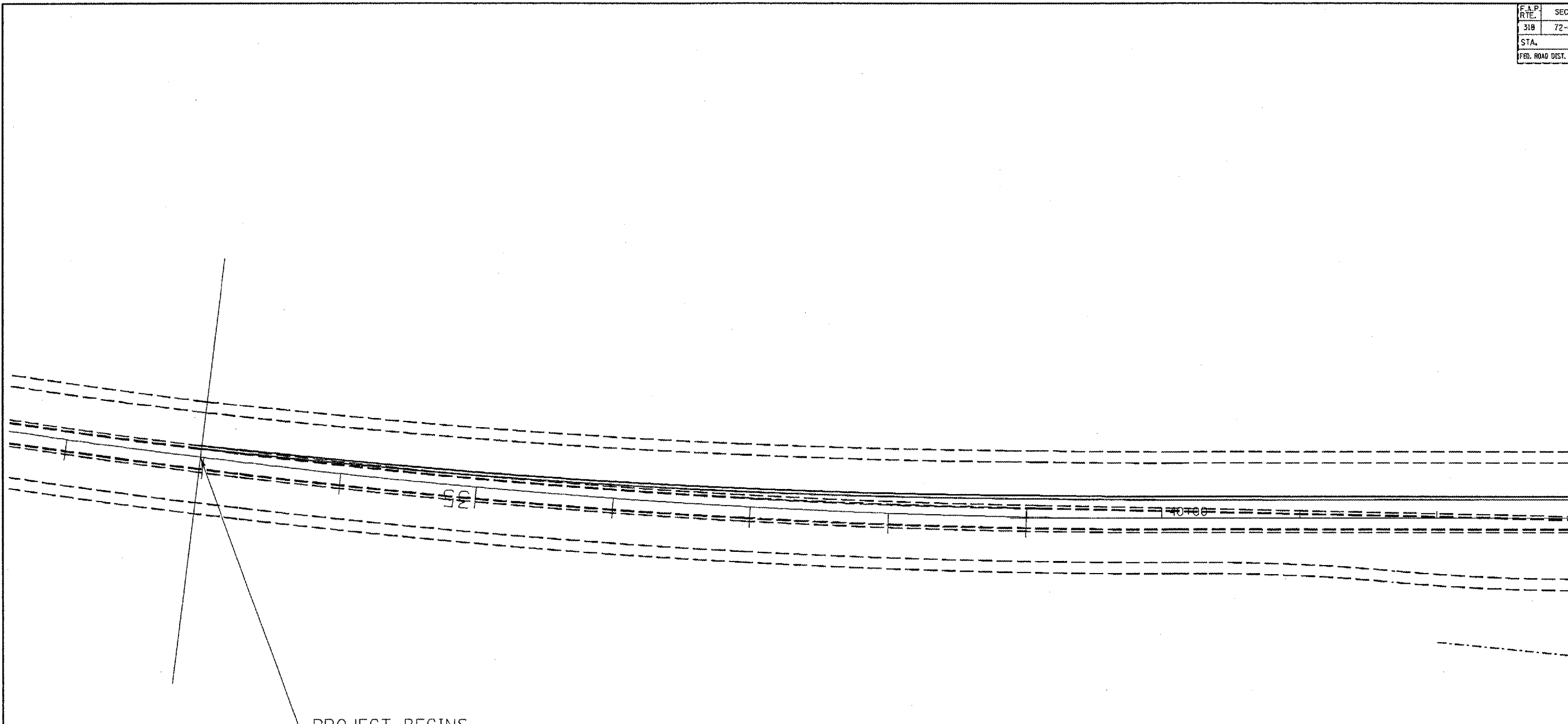
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
 EXISTING PLAN  
  
 SCALE: VERT.    DRAWN BY  
           HORIZ.    CHECKED BY  
 DATE



CONTRACT NO. 68110

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-LIRS	PEORIA	89	30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PROJECT BEGINS  
IL 29 - STA. 32+97.50

MATCH LINE - STA. 43+00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_

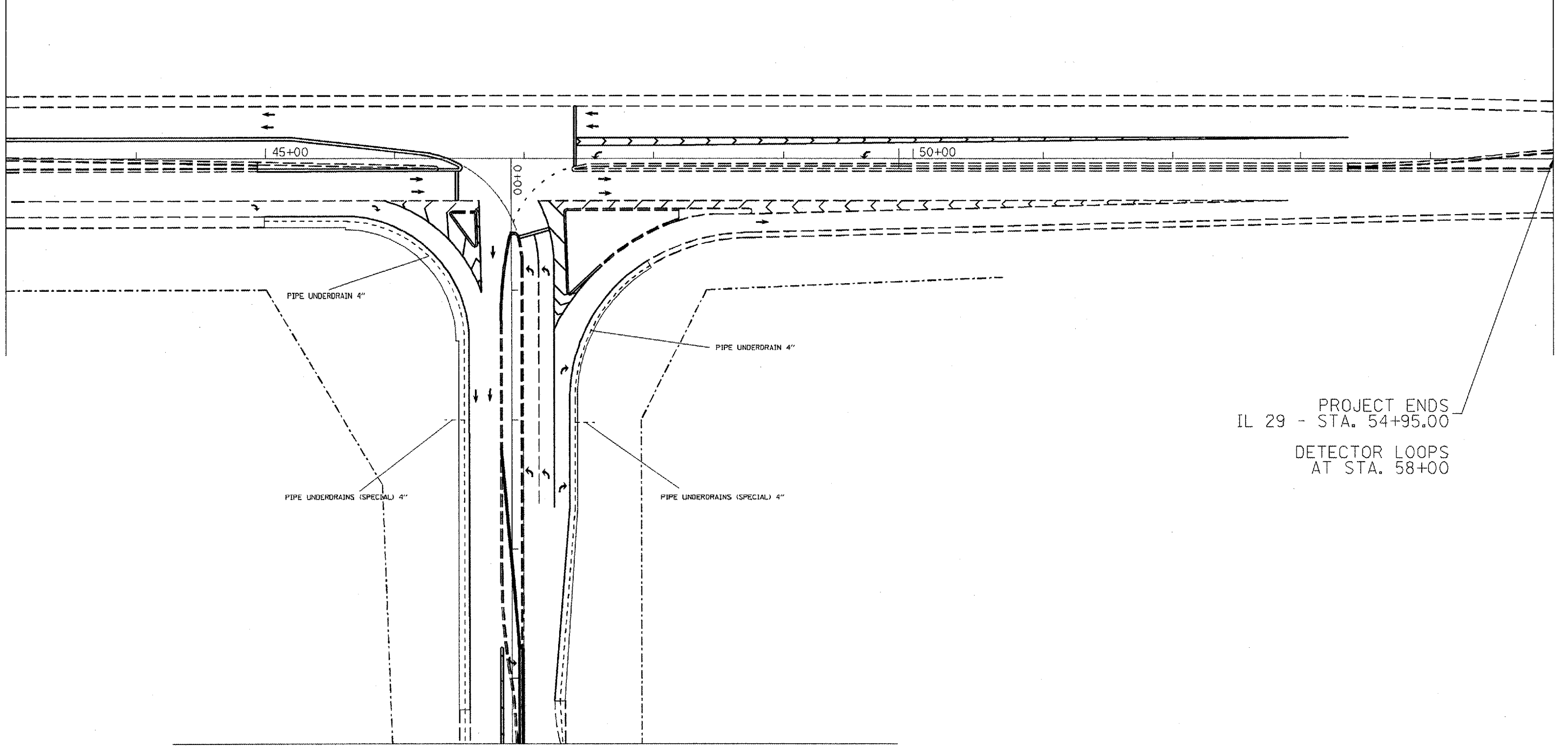
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CHECKED BY \_\_\_\_\_

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PLOT SCALE = 1/8" = 100'  
USER NAME = brucebb

CONTRACT NO. 68110

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-(6-1)RS	PEORIA	89	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

MATCH LINE - STA. 43+00



MATCH LINE - STA. 4+50.00

PROJECT ENDS  
IL 29 - STA. 54+95.00  
DETECTOR LOOPS  
AT STA. 58+00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

PLOT DATE = 12/17/2007  
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 USER NAME = brennan

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	32
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

MATCH LINE - STA. 4+50.00

PROJECT ENDS  
OLD GALENA RD. - STA. 337+32.35

ACCESS CONTROL  
STA. 335+40.05  
46.04' RT

PIPE UNDERDRAIN 4"

PIPE UNDERDRAIN 4"

STATE ST.

330+00

ACCESS CONTROL  
STA. 327+54

OLD GALENA RD.

335+00

PIPE UNDERDRAIN 4"

PIPE UNDERDRAIN 4"

ACCESS CONTROL  
STA. 335+40.05  
64.37' LT

STA. 334+00  
50' LT

STA. 335+00  
45' LT

PROJECT BEGINS  
STATE ST. - STA. 328+62.50

STA. 336+75  
50' LT

STA. 332+64.51  
93.7298' LT

PIPE UNDERDRAINS (SPECIAL) 4"

PIPE UNDERDRAINS (SPECIAL) 4"

DICKINSON  
RUN  
CREEK

MATCH LINE A

MATCH LINE - STA. 11+50.00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MATCH LINE - STA. 11+50.00

PIPE UNDERDRAIN 4"

PIPE UNDERDRAIN 4"

MATCH LINE B

MATCH LINE C

MATCH LINE C

MATCH LINE B  
469.45' R (EXIST)

763' R (EXIST)

PROJECT ENDS  
IL 6 - STA. 26+57.20

PROJECT ENDS  
RAMP B - STA. 20+00

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_

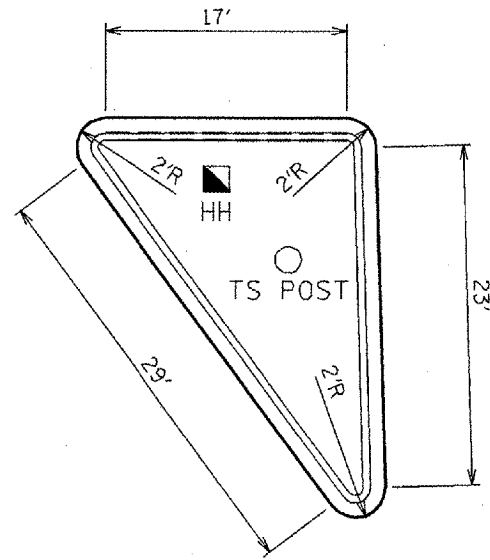
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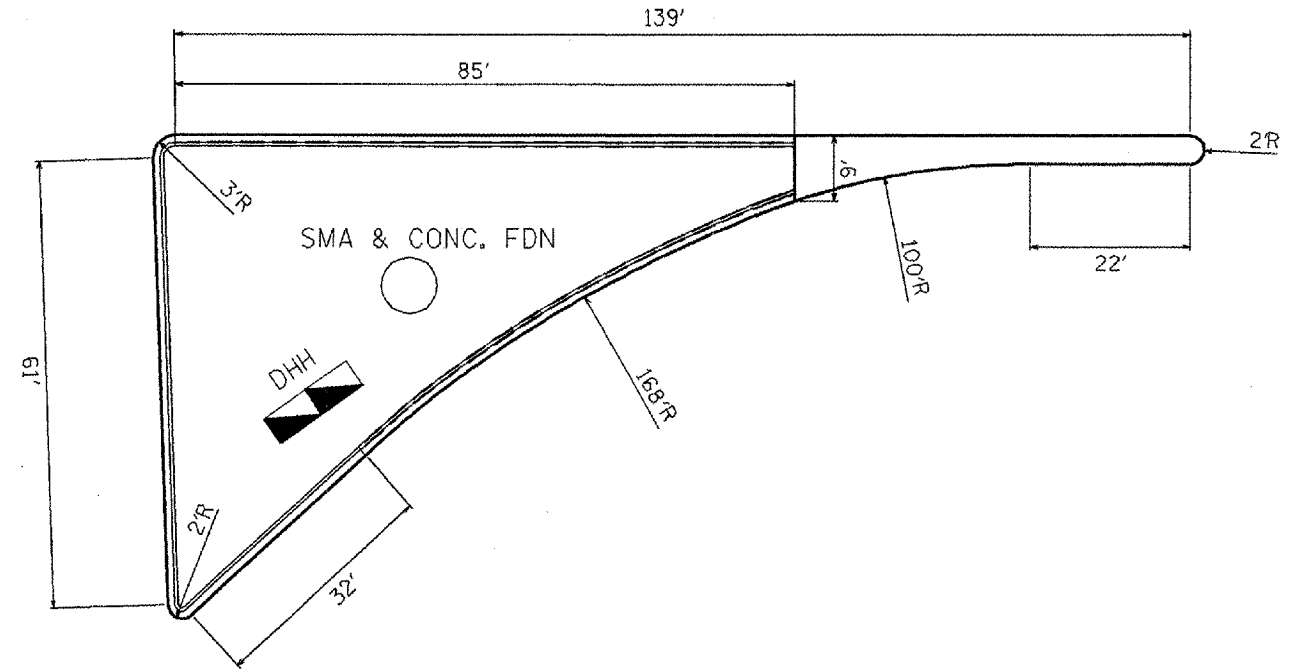
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

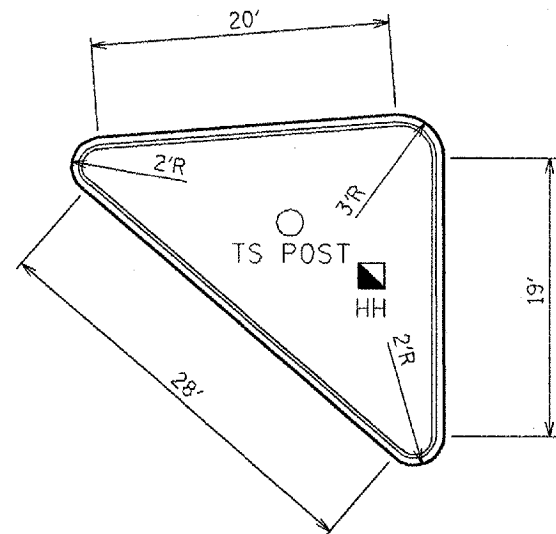
RT. 40' STA. 46+43 TO STA. 46+63 (IL 29)



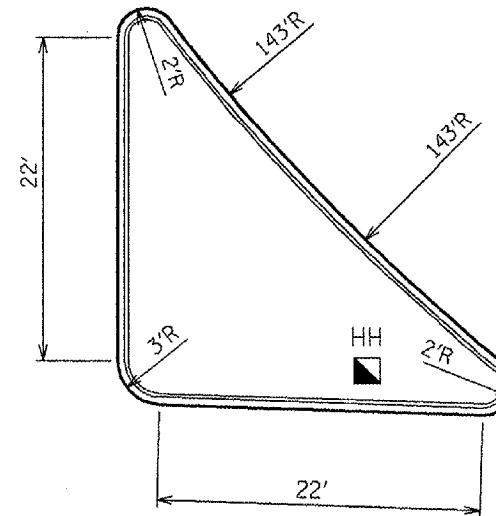
RT. 38' STA. 48+31 TO STA. 49+75 (IL 29)



RT. 41' STA. 5+92.2 TO STA. 6+16.1 (IL 6)



LT. 41' STA. 5+04 TO STA. 5+30.8 (IL 6)



LEGEND

	HANDHOLE
	DOUBLE HANDHOLE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED ISLAND DETAILS

SCALE: VERT. DATE

DRAWN BY CHECKED BY

LOT DATE = 12/17/2007  
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 LOT SCALE = 380'-0"=1" / 31'  
 381 10/11/08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	35
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**IL 29 & IL 6 INTERSECTION - SW CORNER**

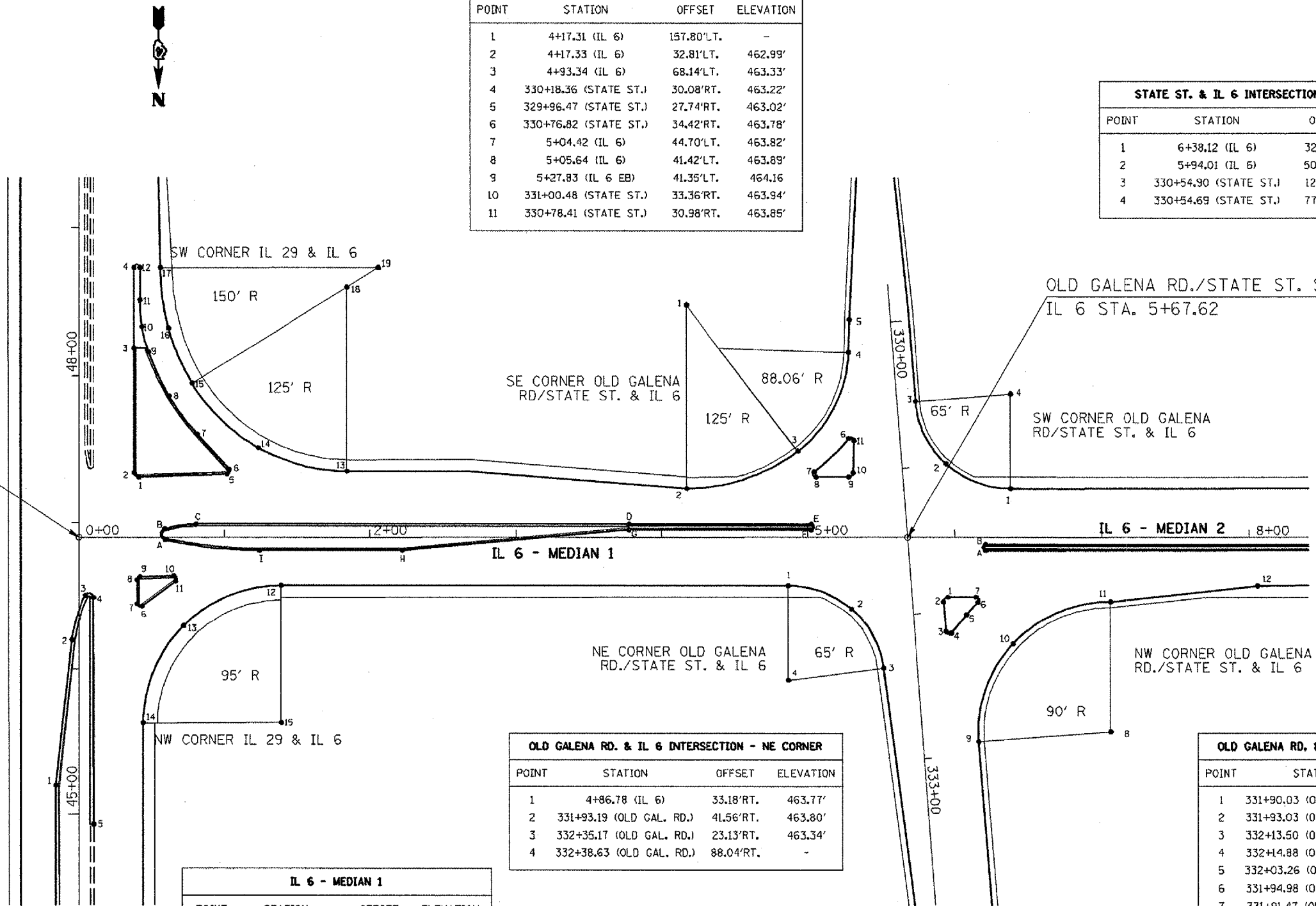
POINT	STATION	OFFSET	ELEVATION
1	47+31.02 (IL 29)	41.08'RT.	464.41'
2	47+32.02 (IL 29)	37.98'RT.	464.46'
3	48+18.82 (IL 29)	37.73'RT.	464.66'
4	48+73.02 (IL 29)	37.90'RT.	464.68'
5	1+01.70 (IL 6)	4.0'LT.	463.27'
6	1+03.12 (IL 6)	44.87'LT.	463.24'
7	0+81.52 (IL 6)	68.57'LT.	463.18'
8	0+61.84 (IL 6)	95.96'LT.	463.05'
9	48+16.3 (IL 29)	47.78'RT.	464.51'
10	48+33.49 (IL 29)	43.29'RT.	464.60'
11	48+51.26 (IL 29)	41.9'RT.	464.63'
12	48+73.02 (IL 29)	41.9'RT.	464.62'
13	1+84.71 (IL 6)	45.0'LT.	462.47'
14	1+23.35 (IL 6)	60.96'LT.	462.78'
15	47+95.02 (IL 29)	77.78'RT.	464.03'
16	48+32.52 (IL 29)	61.47'RT.	464.32'
17	48+73.02 (IL 29)	55.9'RT.	464.41'
18	1+84.99 (IL 6)	169.34'LT.	-
19	2+06.37 (IL 6)	182.29'LT.	-

**STATE ST. & IL 6 INTERSECTION - SE CORNER**

POINT	STATION	OFFSET	ELEVATION
1	4+17.31 (IL 6)	157.80'LT.	-
2	4+17.33 (IL 6)	32.81'LT.	462.99'
3	4+93.34 (IL 6)	68.14'LT.	463.33'
4	330+18.36 (STATE ST.)	30.08'RT.	463.22'
5	329+96.47 (STATE ST.)	27.74'RT.	463.02'
6	330+76.82 (STATE ST.)	34.42'RT.	463.78'
7	5+04.42 (IL 6)	44.70'LT.	463.82'
8	5+05.64 (IL 6)	41.42'LT.	463.89'
9	5+27.83 (IL 6 EB)	41.35'LT.	464.16'
10	331+00.48 (STATE ST.)	33.36'RT.	463.94'
11	330+78.41 (STATE ST.)	30.98'RT.	463.85'

**STATE ST. & IL 6 INTERSECTION - SW CORNER**

POINT	STATION	OFFSET	ELEVATION
1	6+38.12 (IL 6)	32.94'LT.	465.66'
2	5+94.01 (IL 6)	50.20'LT.	464.85'
3	330+54.90 (STATE ST.)	12.72'LT.	463.88'
4	330+54.69 (STATE ST.)	77.72'LT.	-



**IL 29 & IL 6 INTERSECTION - NW CORNER**

POINT	STATION	OFFSET	ELEVATION
1	45+19.71 (IL 29)	15.91'LT.	464.97'
2	46+19.72 (IL 29)	4.96'LT.	464.34'
3	46+50.19 (IL 29)	4.35'RT.	464.84'
4	46+48.82 (IL 29)	10.02'RT.	464.72'
5	44+93.22 (IL 29)	10.11'RT.	465.07'
6	46+42.86 (IL 29)	43.22'RT.	464.06'
7	46+44.47 (IL 29)	40.02'RT.	464.16'
8	46+60.99 (IL 29)	40.02'RT.	464.35'
9	46+62.99 (IL 29)	41.96'RT.	464.33'
10	0+65.47 (IL 6)	26.4'RT.	464.04'
11	0+66.76 (IL 6)	28.8'RT.	463.98'
12	1+39.46 (IL 6)	33.01'RT.	463.02'
13	0+72.69 (IL 6)	60.82'RT.	463.42'
14	45+62.02 (IL 29)	44.07'RT.	464.54'
15	45+62.02 (IL 29)	139.07'RT.	-

**OLD GALENA RD. & IL 6 INTERSECTION - NE CORNER**

POINT	STATION	OFFSET	ELEVATION
1	4+86.78 (IL 6)	33.18'RT.	463.77'
2	331+93.19 (OLD GAL. RD.)	41.56'RT.	463.80'
3	332+35.17 (OLD GAL. RD.)	23.13'RT.	463.34'
4	332+38.63 (OLD GAL. RD.)	88.04'RT.	-

**OLD GALENA RD. & IL 6 INTERSECTION - NW CORNER**

POINT	STATION	OFFSET	ELEVATION
1	331+90.03 (OLD GAL. RD.)	24.38'LT.	464.12'
2	331+93.03 (OLD GAL. RD.)	21.15'LT.	464.11'
3	332+13.50 (OLD GAL. RD.)	21.24'LT.	463.90'
4	332+4.88 (OLD GAL. RD.)	24.68'LT.	463.88'
5	332+03.26 (OLD GAL. RD.)	35.82'LT.	463.70'
6	331+94.98 (OLD GAL. RD.)	44.55'LT.	463.72'
7	331+91.47 (OLD GAL. RD.)	43.39'LT.	463.81'
8	332+91.15 (OLD GAL. RD.)	127.50'LT.	-
9	332+91.45 (OLD GAL. RD.)	37.50'LT.	462.30'
10	6+40.52 (IL 6)	72.72'RT.	465.09'
11	7+05.67 (IL 6)	43.77'RT.	466.33'
12	8+05.67 (IL 6)	32.61'RT.	467.74'

**IL 6 - MEDIAN 1**

POINT	STATION	OFFSET	ELEVATION
A	0+59.28 (IL 6)	0.50'RT.	464.52'
B	0+58.92 (IL 6)	4.33'LT.	464.47'
C	0+80.44 (IL 6)	7.48'LT.	464.11'
D	3+77.44 (IL 6)	8.93'LT.	463.03'
E	5+02.39 (IL 6)	8.95'LT.	464.33'
F	5+02.39 (IL 6)	5.95'LT.	464.38'
G	3+77.38 (IL 6)	5.93'LT.	463.07'
H	2+22.16 (IL 6)	8.98'RT.	462.81'
I	1+24.13 (IL 6)	8.93'RT.	463.55'

**IL 6 - MEDIAN 2**

POINT	STATION	OFFSET	ELEVATION
A	6+20.81 (IL 6)	7.91'RT.	465.82'
B	6+20.81 (IL 6)	5.91'RT.	465.85'

REVISIONS	
NAME	DATE

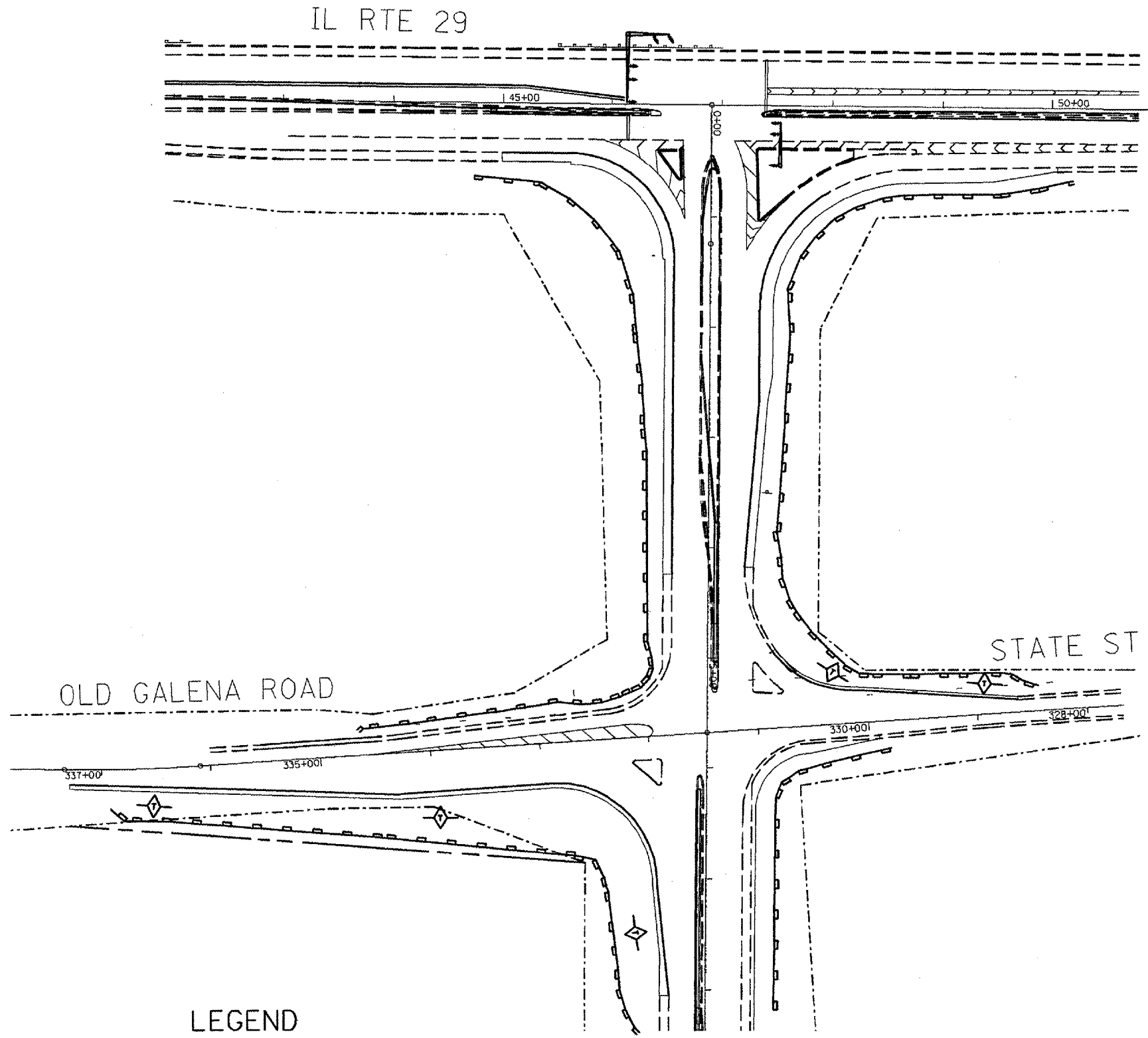
ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED INTERSECTIONS DETAIL

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-LRS	PEORIA	89	36
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

PERIMETER EROSION BARRIER	
TEMPORARY DITCH CHECK	

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

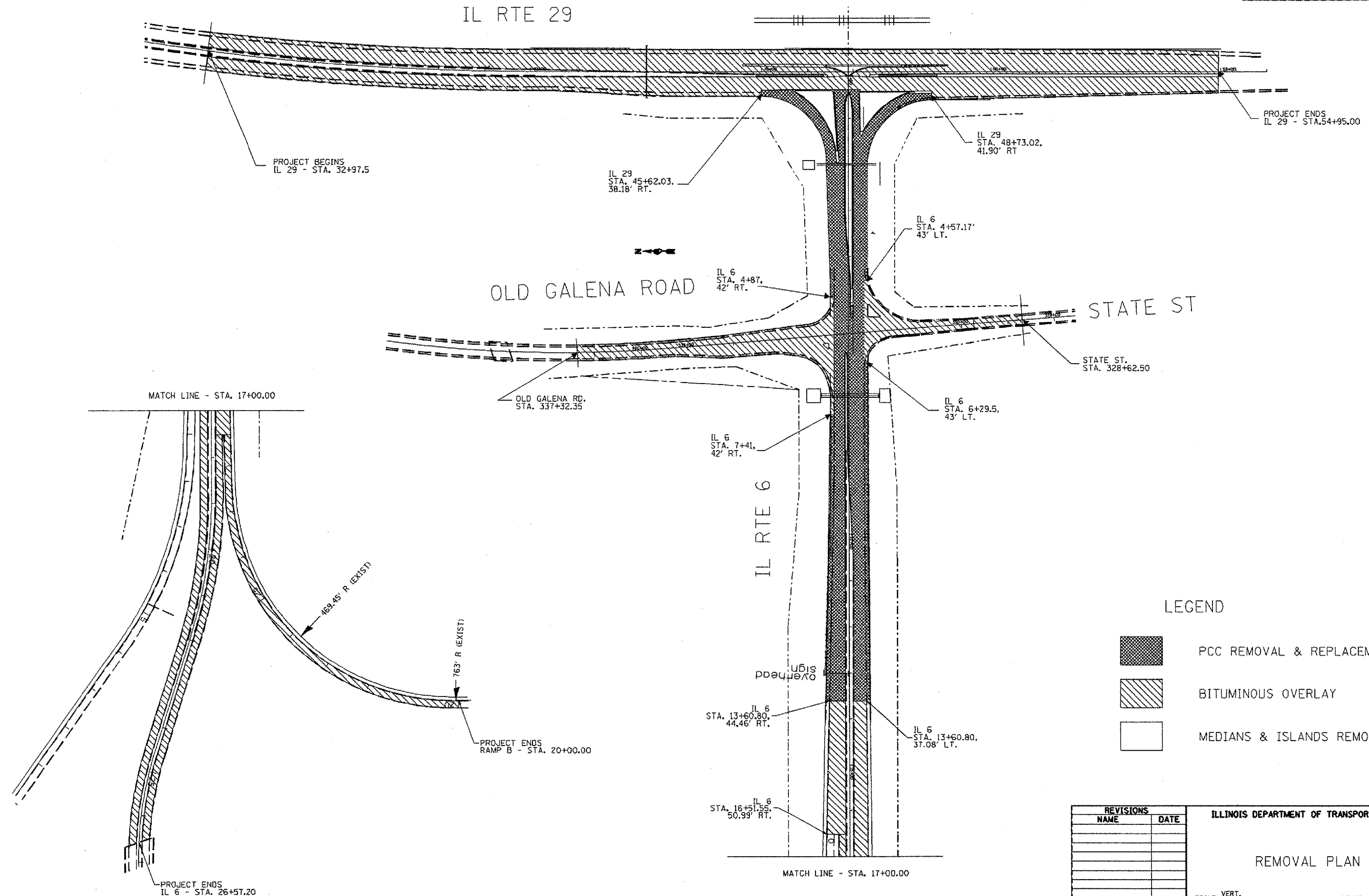
EROSION CONTROL PLAN

NOT TO SCALE  
DATE




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LOT SCALE = 1/8" = 100'-0"  
USER NAME = brcoburn

CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			89	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



LEGEND

-  PCC REMOVAL & REPLACEMENT
-  BITUMINOUS OVERLAY
-  MEDIANS & ISLANDS REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_

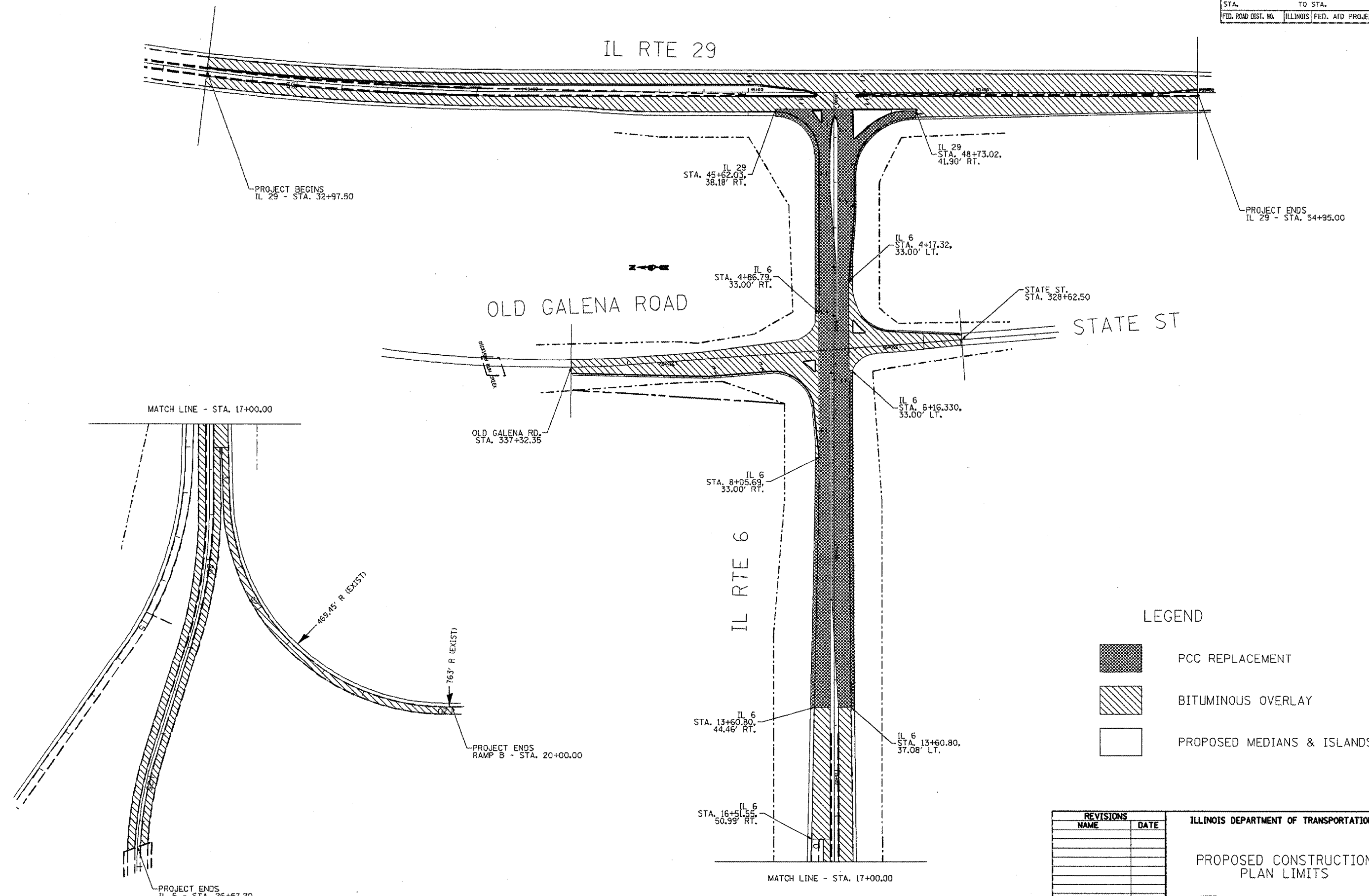
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 CHECKED BY \_\_\_\_\_




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 USER = b77777  
 USER NAME = b77777

CONTRACT NO.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			89	38
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



LEGEND

-  PCC REPLACEMENT
-  BITUMINOUS OVERLAY
-  PROPOSED MEDIANS & ISLANDS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED CONSTRUCTION PLAN LIMITS

SCALE: VERT. DATE

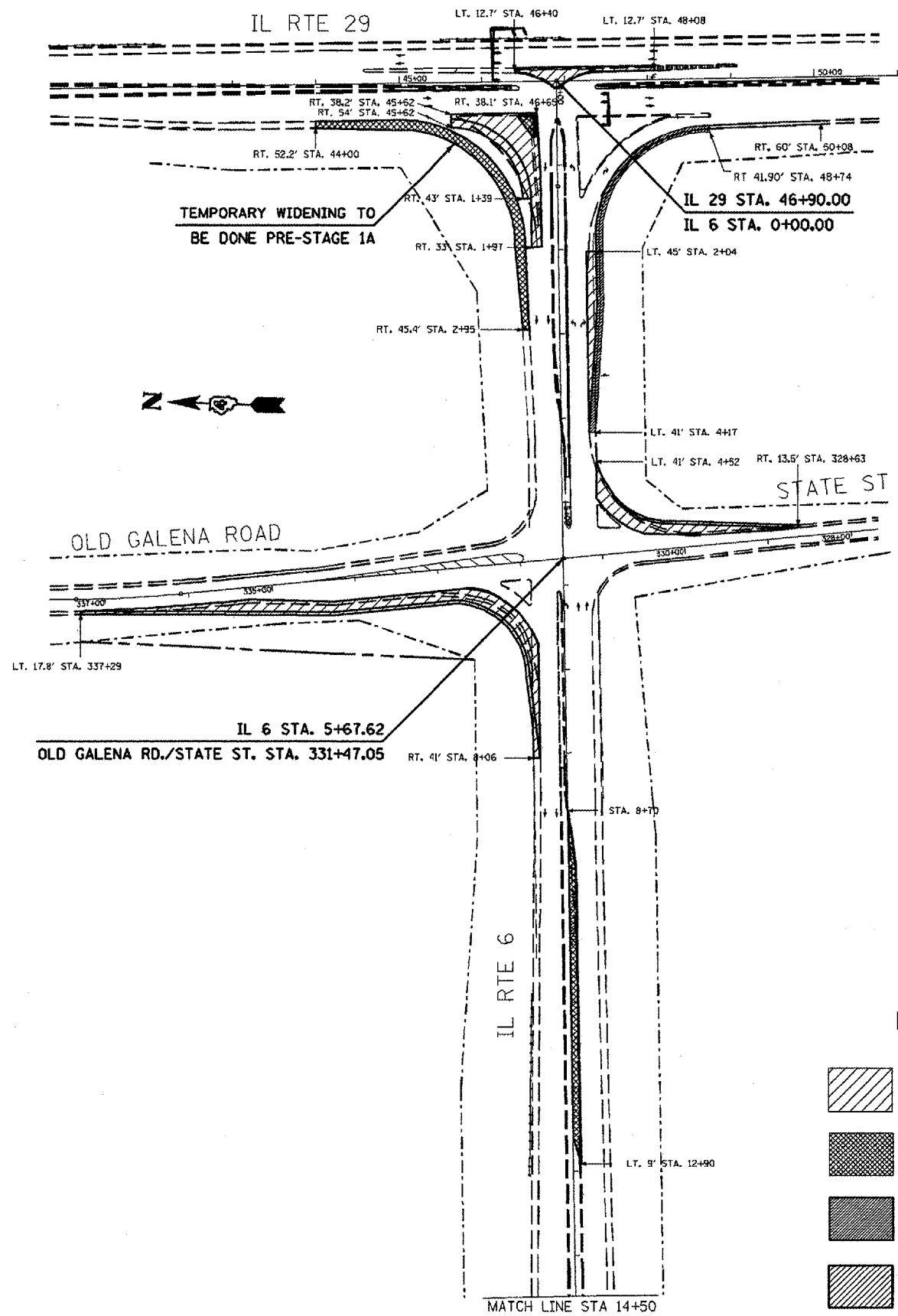
HORIZ. DATE

DRAWN BY

CHECKED BY

LOT DATE = 12/17/2007  
 LOT SCALE = 20/700' / 1" / 1" / 1"  
 USER NAME = brucebs

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1/RS	PEORIA	89	39
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



1. PROVIDE FOUR MESSAGE BOARDS FOR THE DURATION OF THE PROJECT.
2. INSTALL TEMPORARY SIGNALS FOR IL 29 AND IL 6 TRAFFIC, BEFORE REMOVING ANY EXISTING TRAFFIC SIGNALS AT IL 29 AND IL 6 INTERSECTION.
3. REMOVE EXISTING BITUMINOUS SHOULDER AND CONSTRUCT TEMPORARY RIGHT TURN LANE WIDENING AT NORTHWEST CORNER OF IL 29 AND IL 6 INTERSECTION. DO THIS PRE-STAGE 1A.
4. REMOVE EXISTING SECTION OF MEDIAN ON EB IL 6 FROM STA. 8+70.13 TO STA. 12+90 AND PLACE TEMPORARY PAVEMENT IN THE AREA TO ACCOMODATE LEFT TURN TRAFFIC FROM IL 6 TO OLD GALENA RD., WHILE PERMANENT PAVEMENT IS CONSTRUCTED. LIMITS OF TEMPORARY PAVEMENT SHALL BE VERIFIED BY THE ENGINEER.
5. NORTHWEST CORNER OF IL 29 AND IL 6 INTERSECTION, REMOVE EXISTING ISLAND AND PLACE TEMPORARY PAVEMENT FLUSH WITH PAVEMENT FOR NEW ISLAND; CONSTRUCT TURN LANE PAVEMENT AND SHOULDER.
6. REMOVE EXISTING SHOULDER AND CONSTRUCT A PORTION OF RIGHT TURN LANE, SHOULDER AT SOUTHWEST CORNER OF IL 29 AND IL 6 INTERSECTION.
7. REMOVE MEDIAN ON IL 29 BETWEEN NORTHBOUND THRU LANES AND LEFT TURN LANE; PLACE BASE COURSE.
8. REMOVE SHOULDER AND CONSTRUCT RIGHT TURN LANE WIDENING AND SHOULDER ON STATE ST..
9. REMOVE SHOULDER AND PORTION OF TURN LANE PAVEMENT TO CONSTRUCT OUTSIDE RIGHT TURN LANE AND SHOULDER ON OLD GALENA RD..

LEGEND

- REMOVAL/REPLACEMENT
- TEMPORARY PAVEMENT
- PERMANENT PCC SHOULDER
- TEMP PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

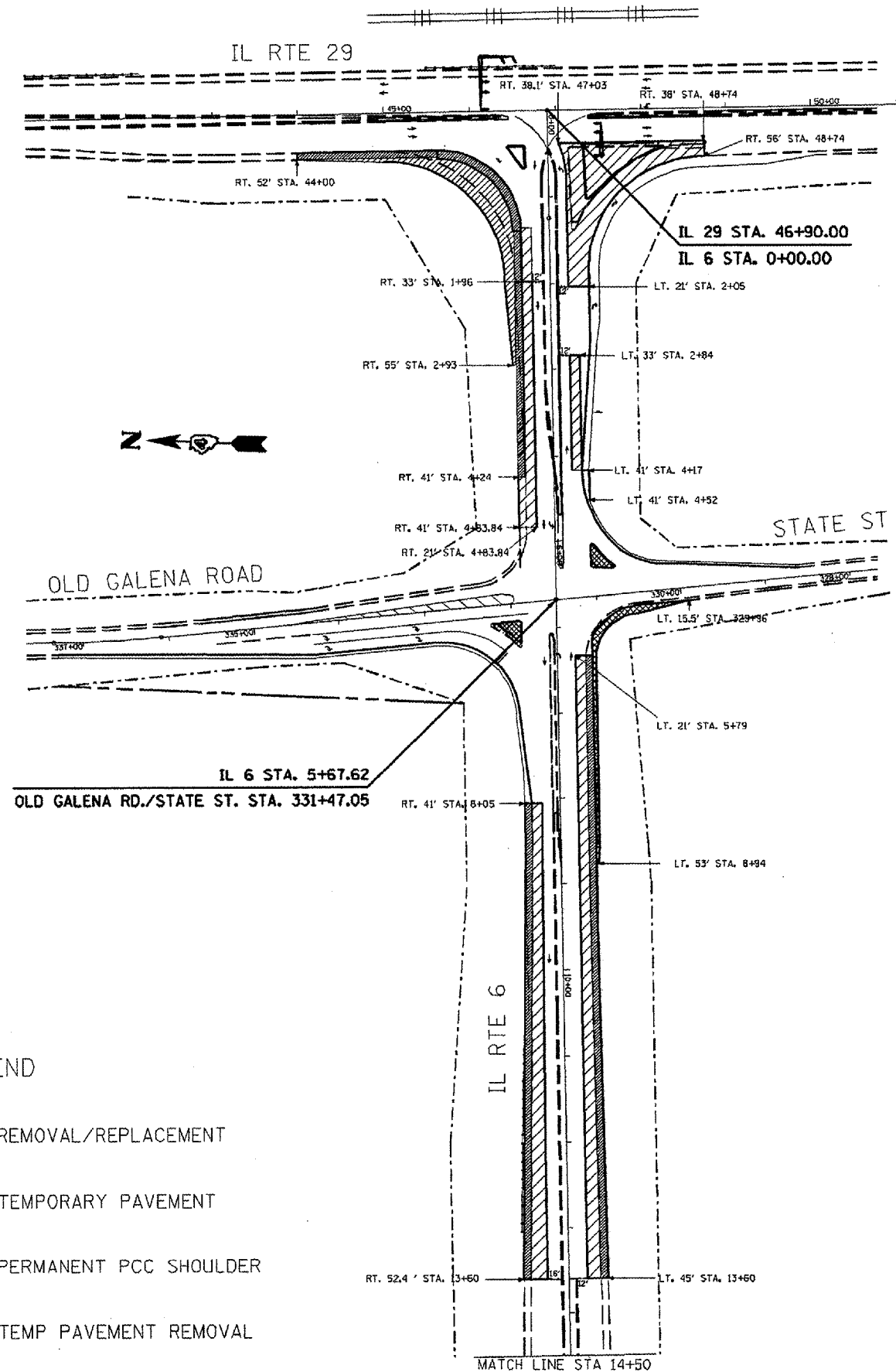
CONSTRUCTION STAGING  
STAGE 1A

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_

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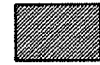

PLOT DATE = 12/17/2007  
 PLOT SCALE = 1/4" = 100'  
 USER NAME = bruceba

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
31B	72-16-1RS	PEORIA	89	40
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



1. REMOVE REMAINING RIGHT TURN LANE PAVEMENT AND TEMPORARY WIDENING; CONSTRUCT SHOULDER SECTIONS AT NORTHWEST CORNER OF IL 29 AND IL 6 INTERSECTION.
2. REMOVE EXISTING PAVEMENT AND ISLAND AND CONSTRUCT RIGHT TURN LANE AND NEW ISLAND AT SW CORNER OF IL 29 AND IL 6 INTERSECTION.
3. REMOVE EXISTING PAVEMENT AND SHOULDERS; CONSTRUCT PROPOSED OUTSIDE LANES AND PORTION OF SHOULDERS OF IL 6.
4. CONSTRUCT TEMPORARY PAVEMENT WIDENING AT SOUTHWEST CORNER OF STATE ST. AND IL 6 INTERSECTION.
5. REMOVE EXISTING ISLANDS AT OLD GALENA RD./STATE ST. AND IL 6 INTERSECTION; PLACE TEMPORARY PAVEMENT FLUSH WITH PAVEMENT TO PREPARE FOR THE NEW ISLANDS.

LEGEND

-  REMOVAL/REPLACEMENT
-  TEMPORARY PAVEMENT
-  PERMANENT PCC SHOULDER
-  TEMP PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

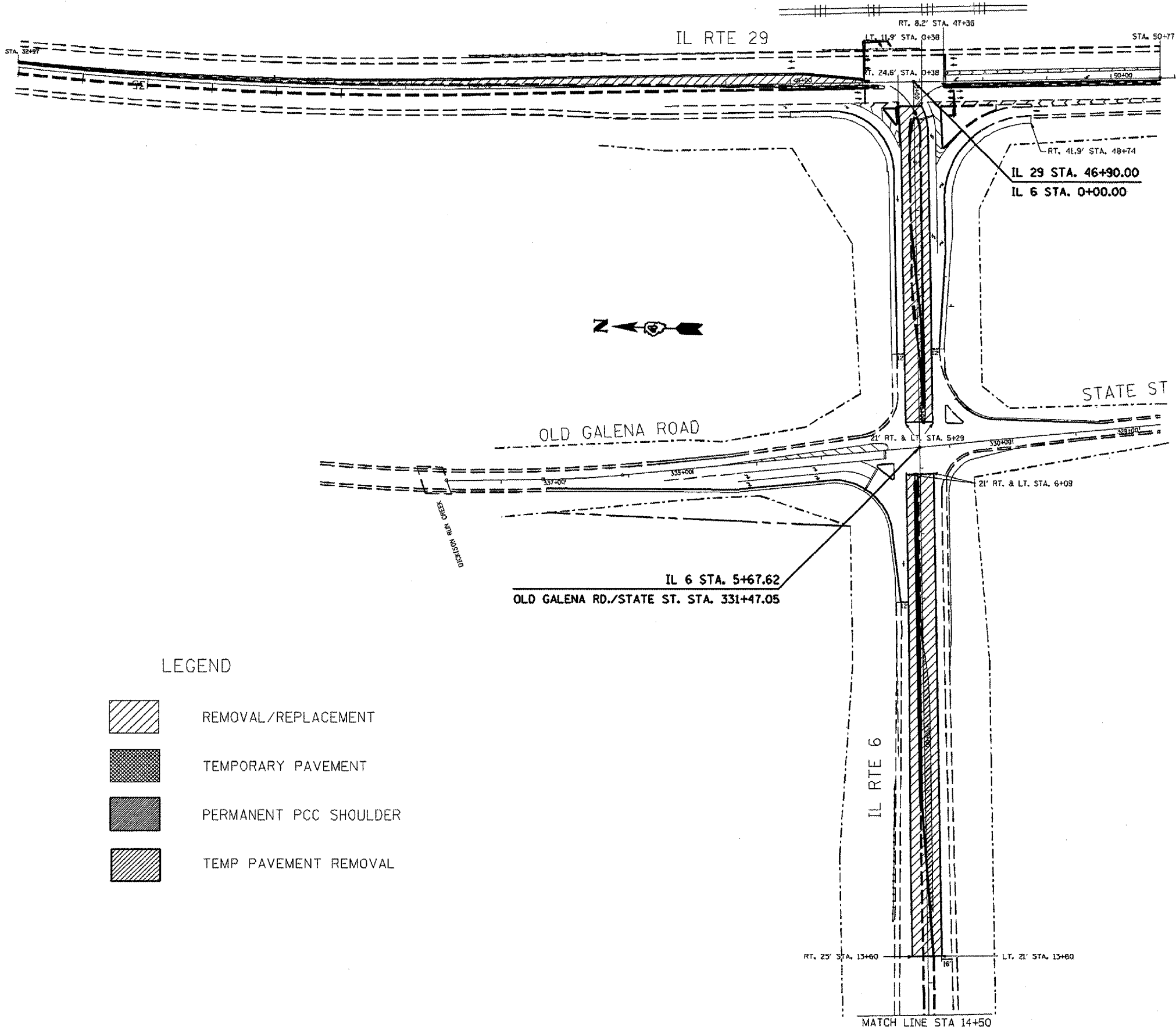
CONSTRUCTION STAGING  
STAGE 1B

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY







F.A.D. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1RS	PEORIA	89	41
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



1. REMOVE EXISTING CONCRETE CURB AND GUTTER ON IL 29 TO STA. 46+13 AND REPLACE WITH PROPOSED CONCRETE CURB AND GUTTER.
2. REMOVE MEDIANS AND INSIDE LANES ON IL 6 AND CONSTRUCT NEW MEDIANS AND INSIDE LANES.

LEGEND

-  REMOVAL/REPLACEMENT
-  TEMPORARY PAVEMENT
-  PERMANENT PCC SHOULDER
-  TEMP PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

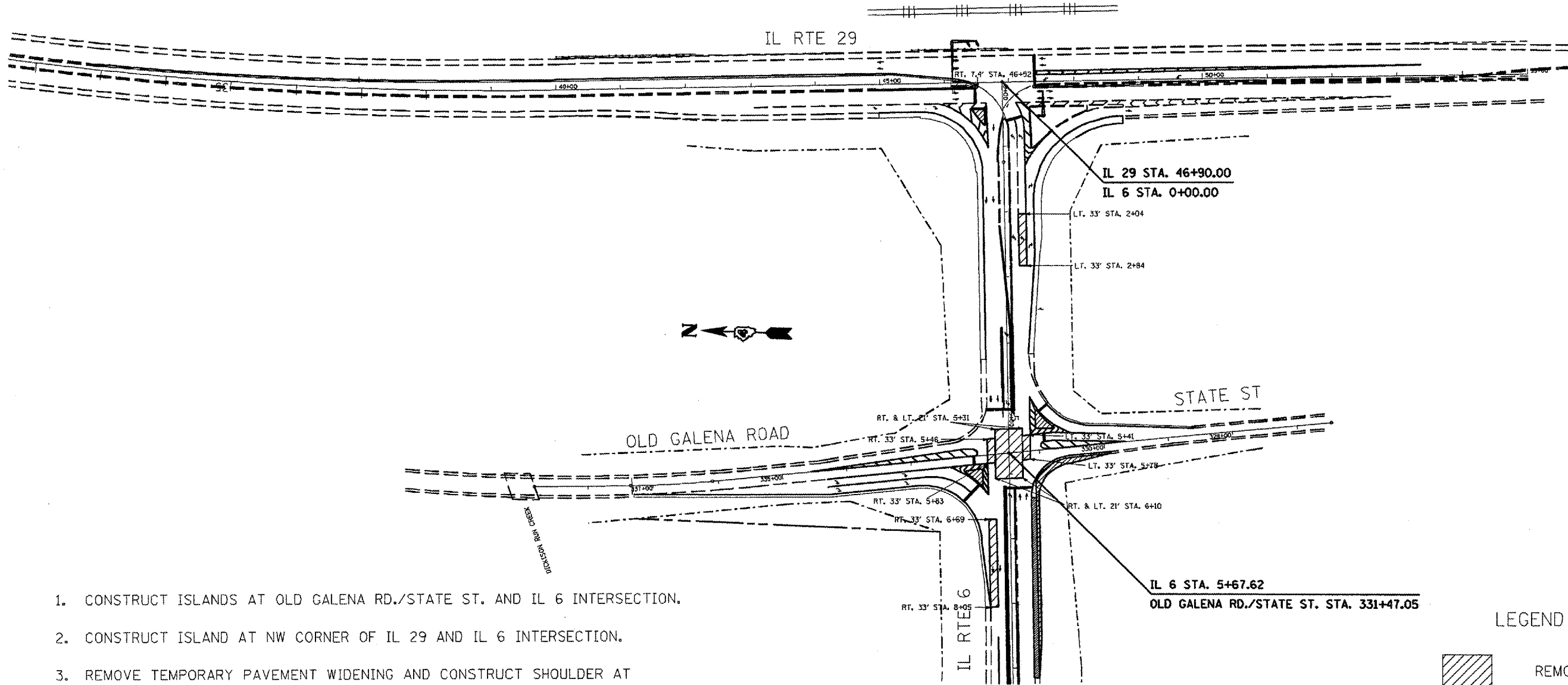
CONSTRUCTION STAGING  
STAGE 2A

SCALE: VERT.  
DATE

DRAWN BY  
CHECKED BY

LOT DATE = 12/17/2007  
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 USER NAME = bresnan

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1RS	PEORIA	89	42
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



1. CONSTRUCT ISLANDS AT OLD GALENA RD./STATE ST. AND IL 6 INTERSECTION.
2. CONSTRUCT ISLAND AT NW CORNER OF IL 29 AND IL 6 INTERSECTION.
3. REMOVE TEMPORARY PAVEMENT WIDENING AND CONSTRUCT SHOULDER AT SOUTHWEST CORNER OF STATE ST. AND IL 6 INTERSECTION.
4. CONSTRUCT REMAINING INSIDE LANES ON IL 6 AT THE INTERSECTION WITH OLD GALENA RD./STATE ST.; THIS OPERATION SHALL TAKE PLACE OVER A WEEKEND, USING A HIGH EARLY STRENGTH CONCRETE OR SIMILAR MIX.
5. CONSTRUCT REMAINING SECTION OF OUTSIDE EB AND WB LANE IL 6; THIS OPERATION SHALL TAKE PLACE OVER A WEEKEND, USING A HIGH EARLY STRENGTH CONCRETE OR SIMILAR MIX.
6. REMOVE EXISTING MEDIAN (STA. 46+13 TO STA. 46+63) ON IL 29 AND REPLACE WITH PROPOSED MEDIAN.
7. PLACE PERMANENT PAVEMENT MARKING.

LEGEND

	REMOVAL/REPLACEMENT
	TEMPORARY PAVEMENT
	PERMANENT PCC SHOULDER
	TEMP PAVEMENT REMOVAL

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

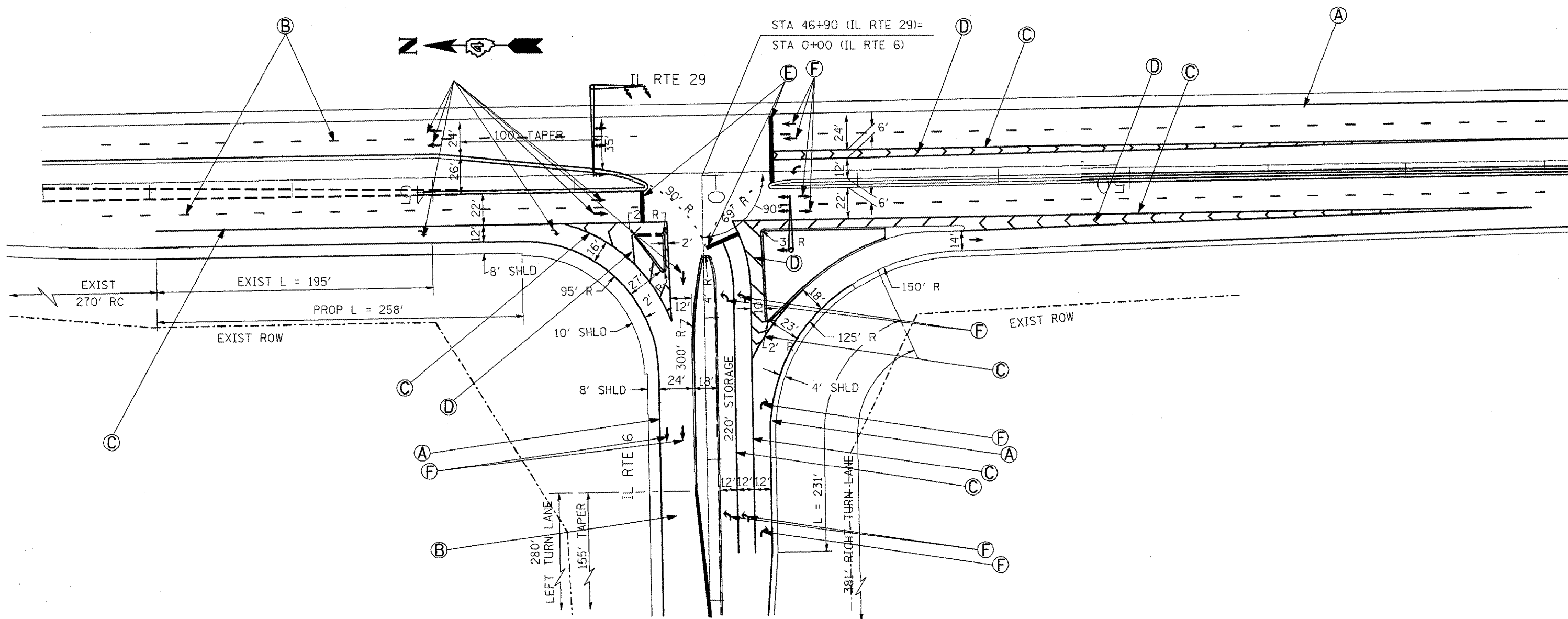
CONSTRUCTION STAGING  
STAGE 2B

SCALE: VERT. \_\_\_\_\_  
HORIZ. \_\_\_\_\_  
DATE \_\_\_\_\_

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CHECKED BY \_\_\_\_\_

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 USER = S:\GEN\CHW\T

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1RS	PEDRIA	89	43
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- (A) PREF PL PM., TY. B - LINE 4"
- (B) PREF PL PM., TY. B - LINE 6"
- (C) PREF PL PM., TY. B - LINE 8"
- (D) PREF PL PM., TY. B - LINE 12"
- (E) PREF PL PM., TY. B - LINE 24"
- (F) PREF PL PM., TY. B - LETTER AND SYMBOLS

REVISIONS	
NAME	DATE

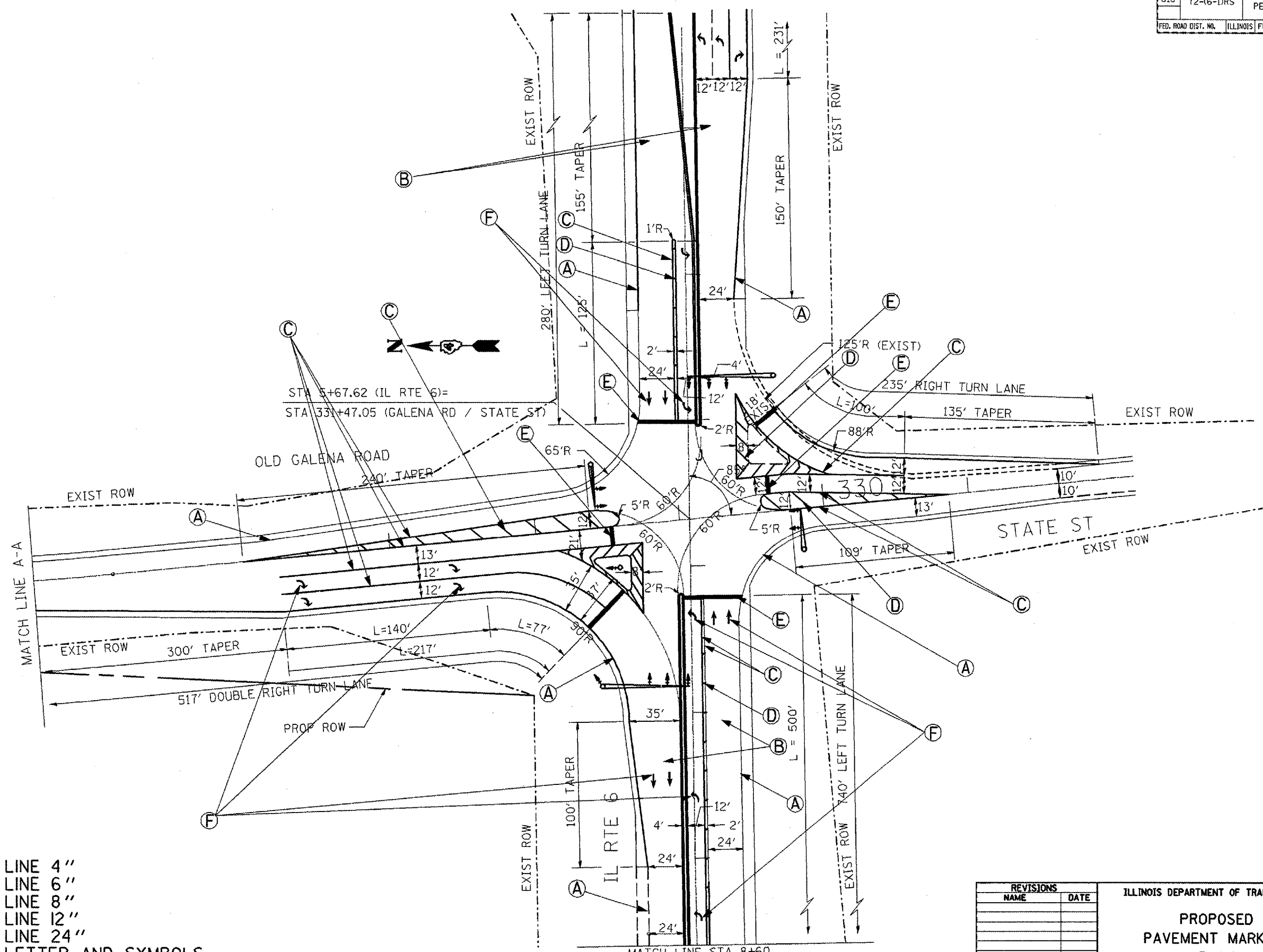
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PROPOSED  
 PAVEMENT MARKING  
 PLAN**

NOT TO SCALE  
 DATE

DRAWN BY  
 CHECKED BY

PLOT DATE = 12/17/2007  
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 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = bruceb

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-(6-1)RS	PEORIA	89	44
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- (A) PREF PL PM., TY. B - LINE 4"
- (B) PREF PL PM., TY. B - LINE 6"
- (C) PREF PL PM., TY. B - LINE 8"
- (D) PREF PL PM., TY. B - LINE 12"
- (E) PREF PL PM., TY. B - LINE 24"
- (F) PREF PL PM., TY. B - LETTER AND SYMBOLS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

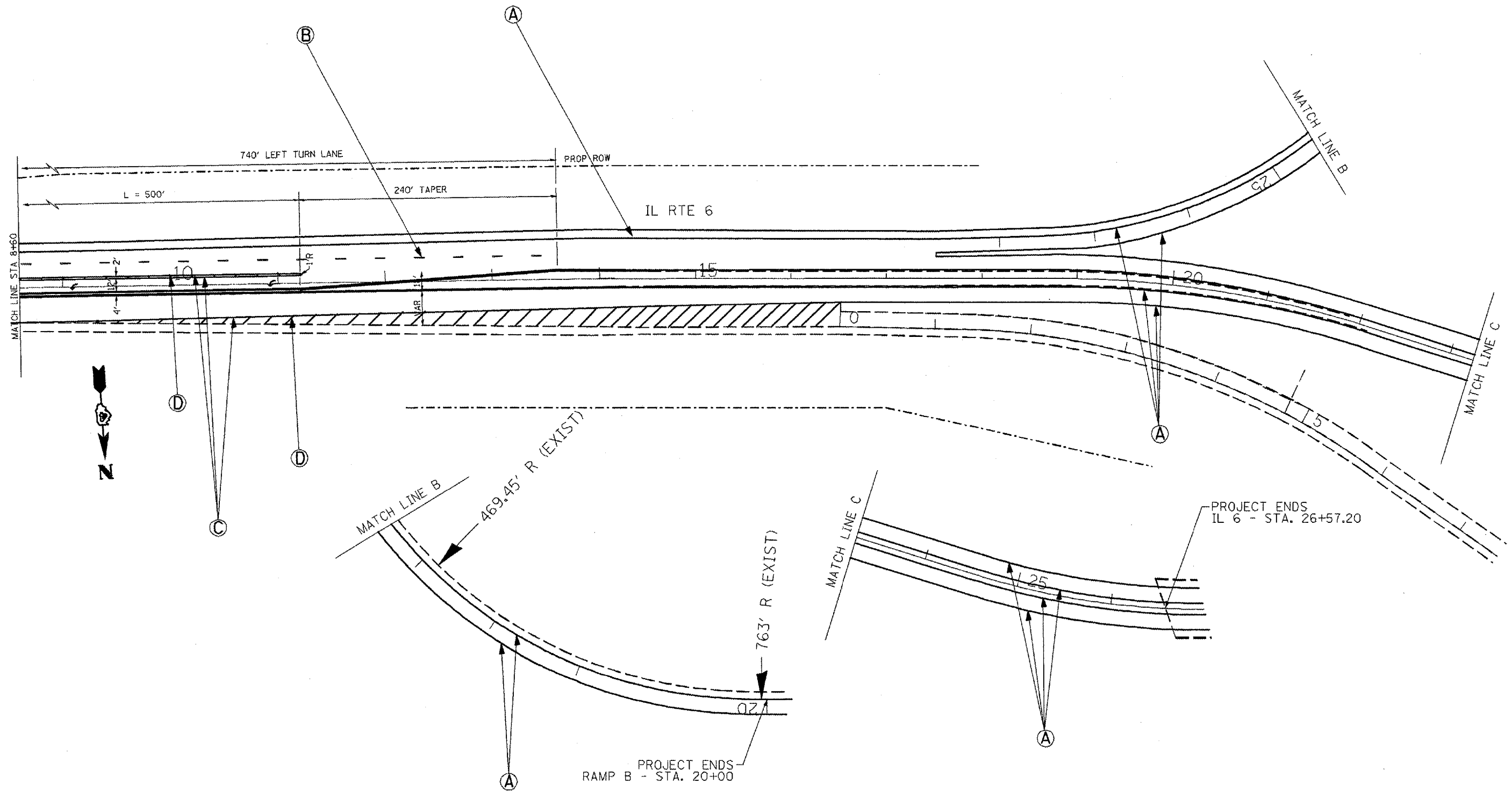
**PROPOSED PAVEMENT MARKING PLAN**

NOT TO SCALE  
DATE

DRAWN BY  
CHECKED BY

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 USER NAME = brcadm

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1RS	PEORIA	89	45
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



- (A) PREF PL PM., TY. B - LINE 4"
- (B) PREF PL PM., TY. B - LINE 6"
- (C) PREF PL PM., TY. B - LINE 8"
- (D) PREF PL PM., TY. B - LINE 12"
- (E) PREF PL PM., TY. B - LINE 24"
- (F) PREF PL PM., TY. B - LETTER AND SYMBOLS

REVISIONS	
NAME	DATE

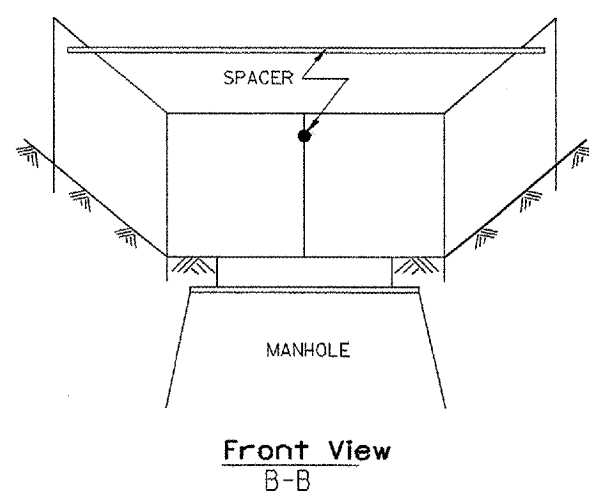
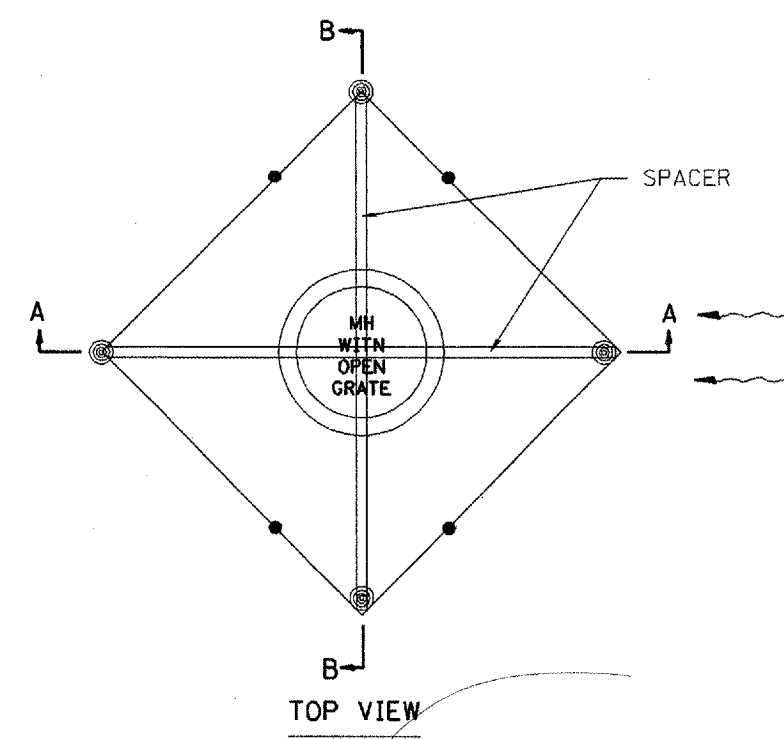
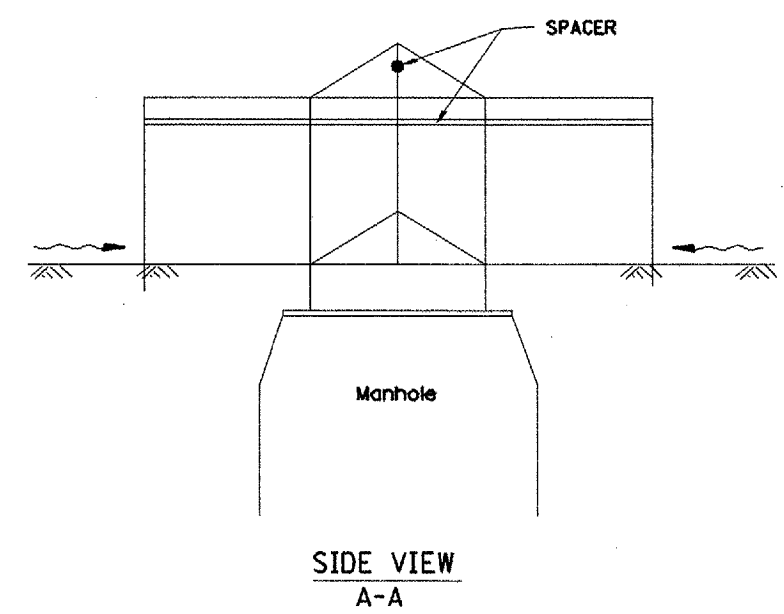
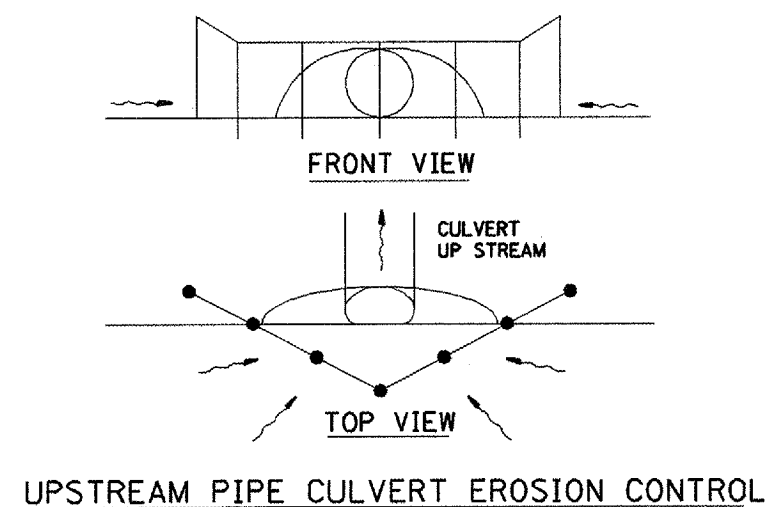
ILLINOIS DEPARTMENT OF TRANSPORTATION

**PROPOSED  
 PAVEMENT MARKING  
 PLAN**

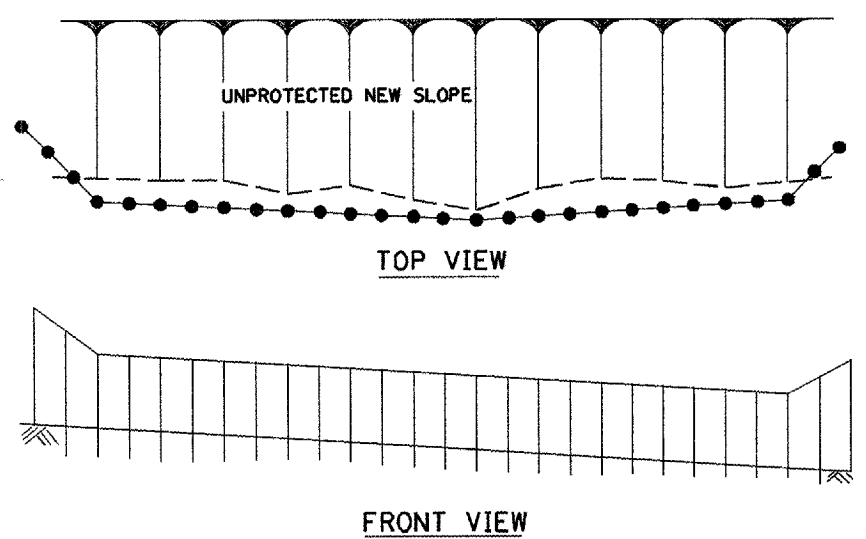
NOT TO SCALE.  
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DRAWN BY  
 CHECKED BY

E.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	T2-16-URS	PEORIA	89	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EROSION CONTROL AT OPEN GRATE MAN HOLE



**GENERAL NOTES:**

1. This work shall be performed in accordance with Sections 280 & 1081, of the Standard Specifications.
2. Additional Timber or Metal Post shall be installed, as needed.

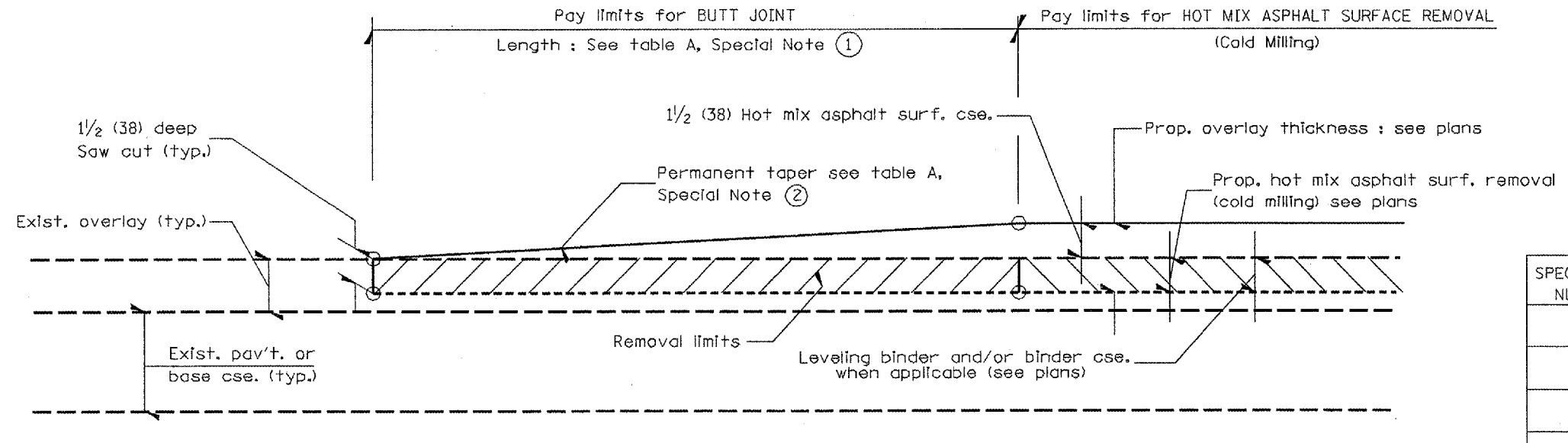
All dimensions are in inches (millimeters) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SPECIAL DETAIL SHEET**  
**TYPICAL APPLICATION OF SILT FILTER FENCE**  
 CADD DETAIL 280001-D4  
 SCALE: NOT DRAWN TO SCALE  
 DRAWN BY CADD  
 CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. A-12.05, NEW REVISION BOX	T.P.
3-11-03	ELIMINATED SILT FENCE DITCH CHECK	M.M.A.

Designer Notes:  
 1. Designer to modify this Special Detail sheet, as needed, for inclusion in plans.  
 2. Include Highway Standard 280001 "TEMPORARY EROSION CONTROL SYSTEM."

CONTRACT NO.				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	47
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



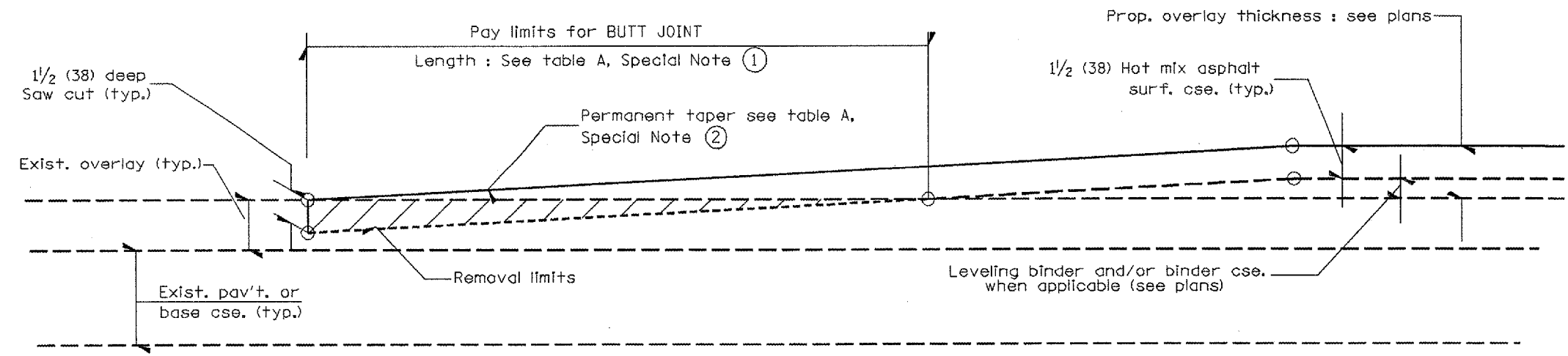
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A**  
(LENGTHS AND TAPER RATES)

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	LENGTH OF BUTT JOINT	60'(18.0 m)	30'(9.0 m)
②	PERMANENT TAPER RATE	1:480	1:240
③	TEMPORARY RAMP TAPER RATE	1:80	1:40
④	TEMPORARY RAMP LENGTH	10'(3.0 m)	5'(1.5 m)
⑤	LENGTH OF BUTT JOINT	10'(3.0 m)	10'(3.0 m)

**GENERAL NOTES**

- The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
- The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
- The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.



**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

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

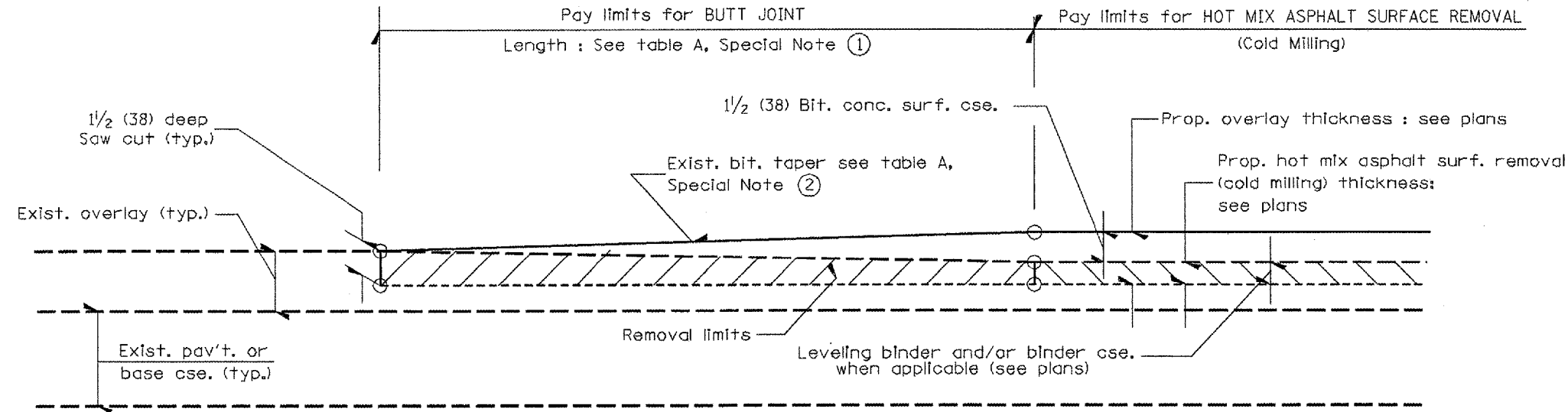
ILLINOIS DEPARTMENT OF TRANSPORTATION  
**DISTRICT CADD STANDARD**

DATE	REVISIONS	BY
1-1-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
4-1-97	CORRECTION TO DEPTH	J.A.
9-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

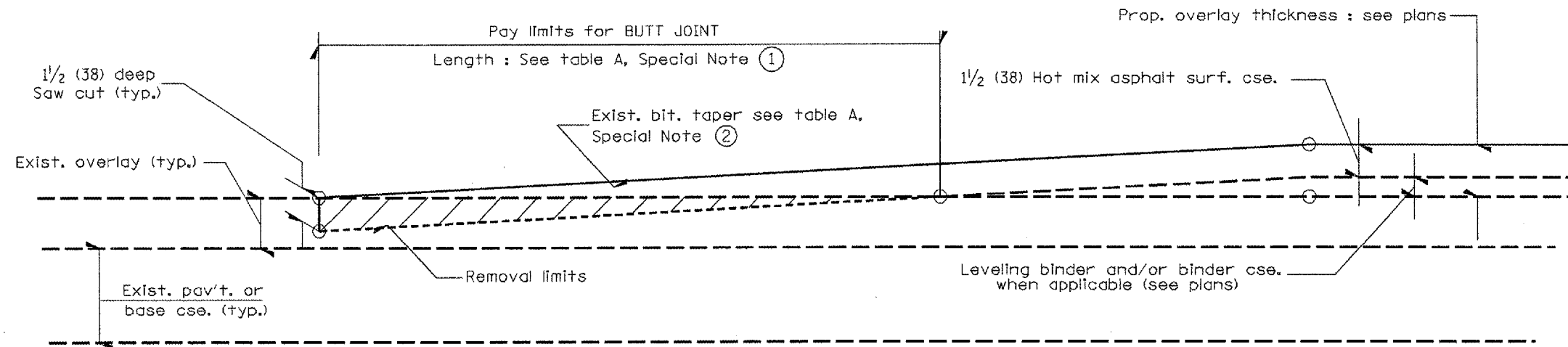
**BUTT JOINTS**  
CADD STD NO. 406101-D4 SHEET 1 OF 3  
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD  
DATE CHECKED BY

DESIGNER NOTES:  
1. Include District Special Provision for Butt Joints & for Hot Mix Asphalt Removal (Cold Milling).  
2. The butt joints pay item includes the saw cut & temporary ramp. Payment for the Butt Joint applies whether or not the project features Hot Mix Asphalt Removal (Cold Milling).

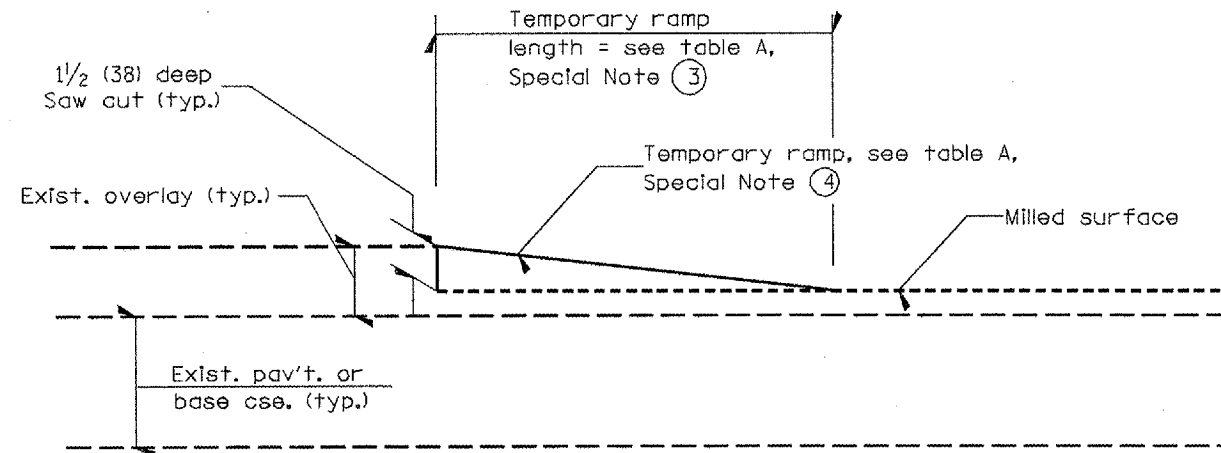
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	48
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**CASE 3 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



**CASE 4 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



**DETAIL TEMPORARY RAMP**

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

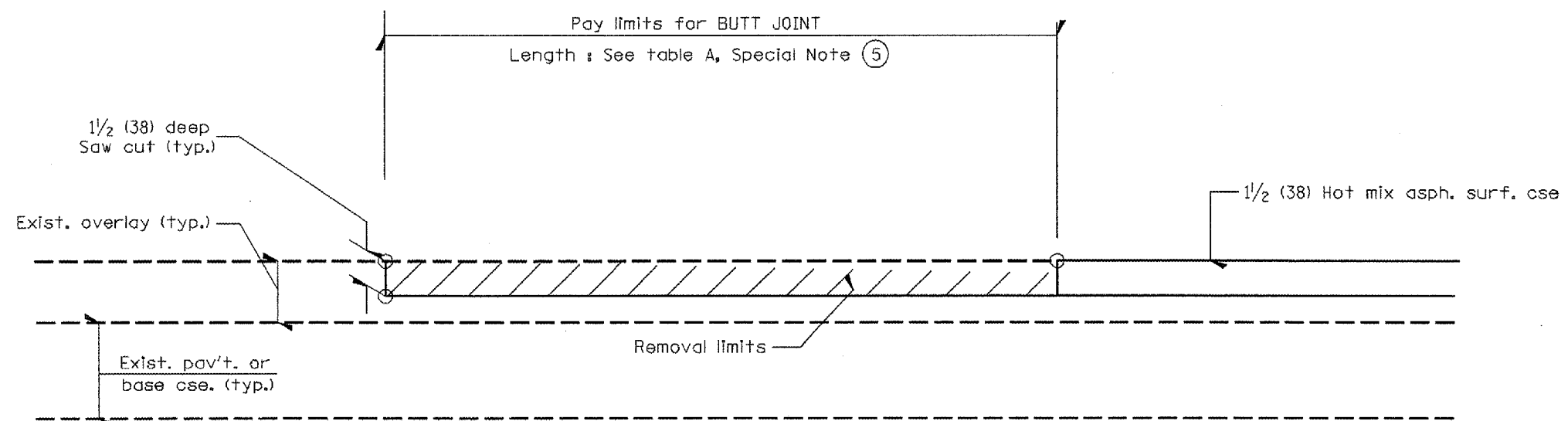
BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 2 OF 3  
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD  
CHECKED BY



CONTRACT NO.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	49
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



CASE 5 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER

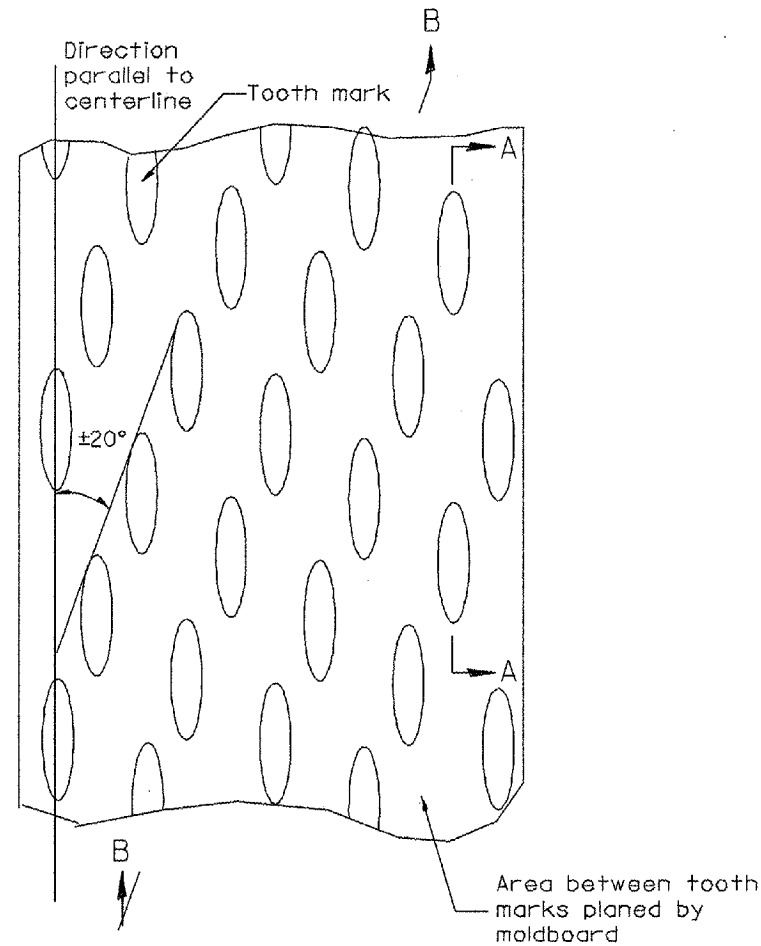
All dimensions are in inches (millimeters) unless otherwise noted.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

BUTT JOINTS

CADD STD NO. 406101-D4 SHEET 3 OF 3  
SCALE: NOT DRAWN TO SCALE DRAWN BY CADD  
CHECKED BY

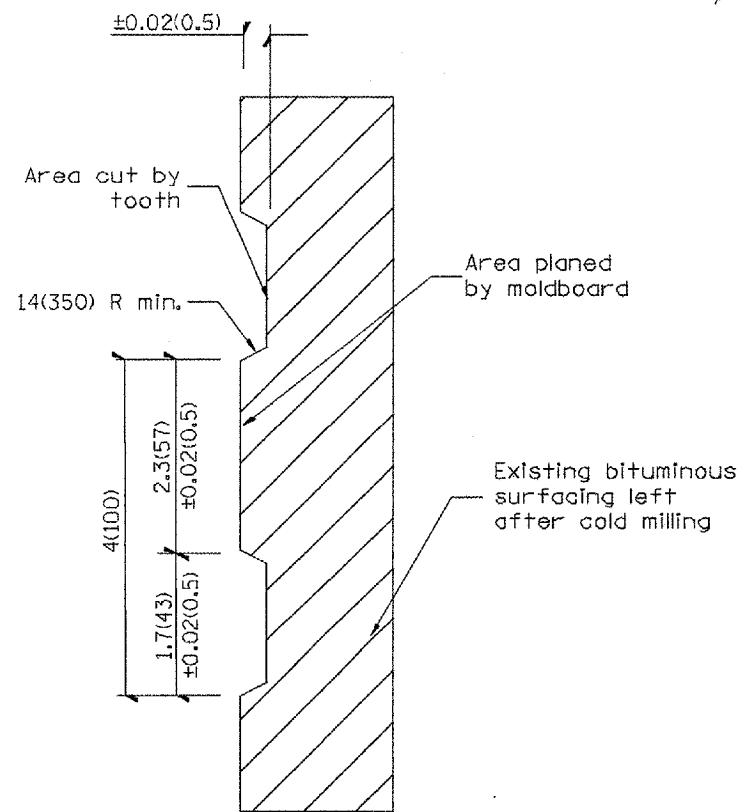
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1/RS	PEORIA	89	50
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



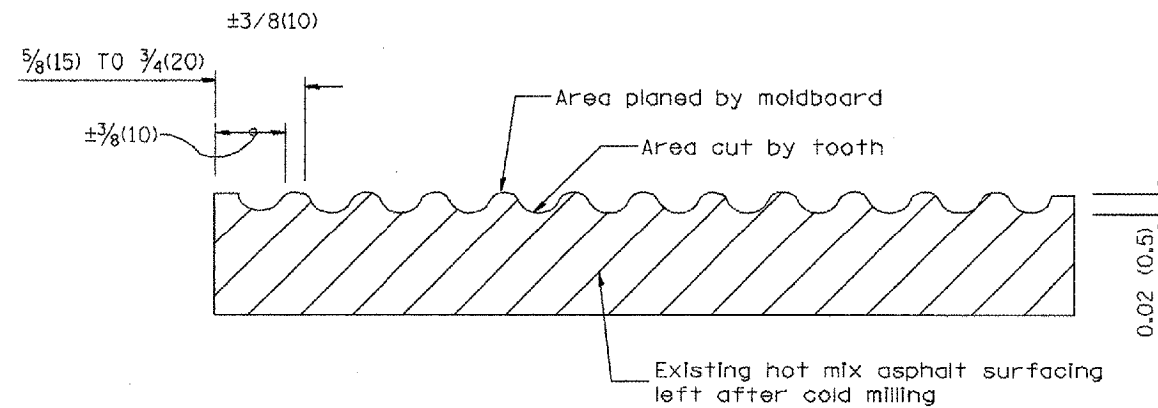
PLAN

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.



SECTION A-A



SECTION B-B PROJECTED  
PERPENDICULAR TO CENTERLINE

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

HOT MIX ASPHALT  
SURFACE REMOVAL  
(COLD MILLING)

CADD STD NO. 440001-D4

SCALE: NOT DRAWN TO SCALE DRAWN BY: CADD  
DATE CHECKED BY:

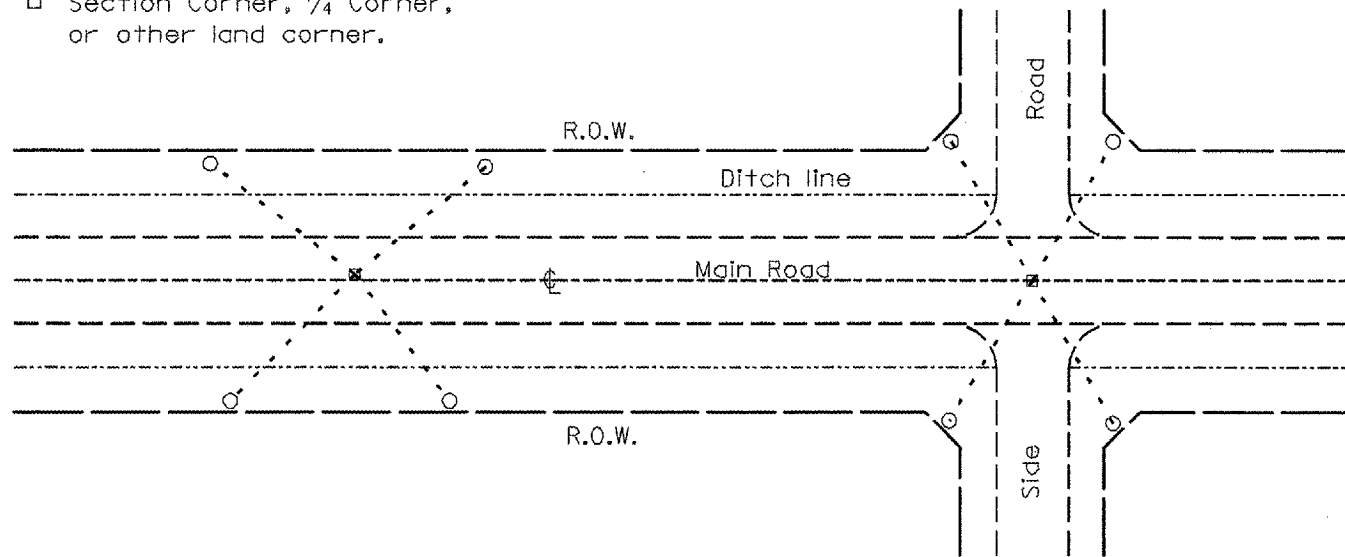
DATE	REVISIONS	BY
1-1-97	RENUM. C-104.01, NEW REVISION BOX	T. P.
4-20-98	REMOVED MILLING DETAIL FROM STD.	J. A.
9-08-98	CORRECT NOTE LEADER PLACEMENT	R. W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

DESIGNER NOTE  
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	51
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

**PERMANENT SURVEY TIES**

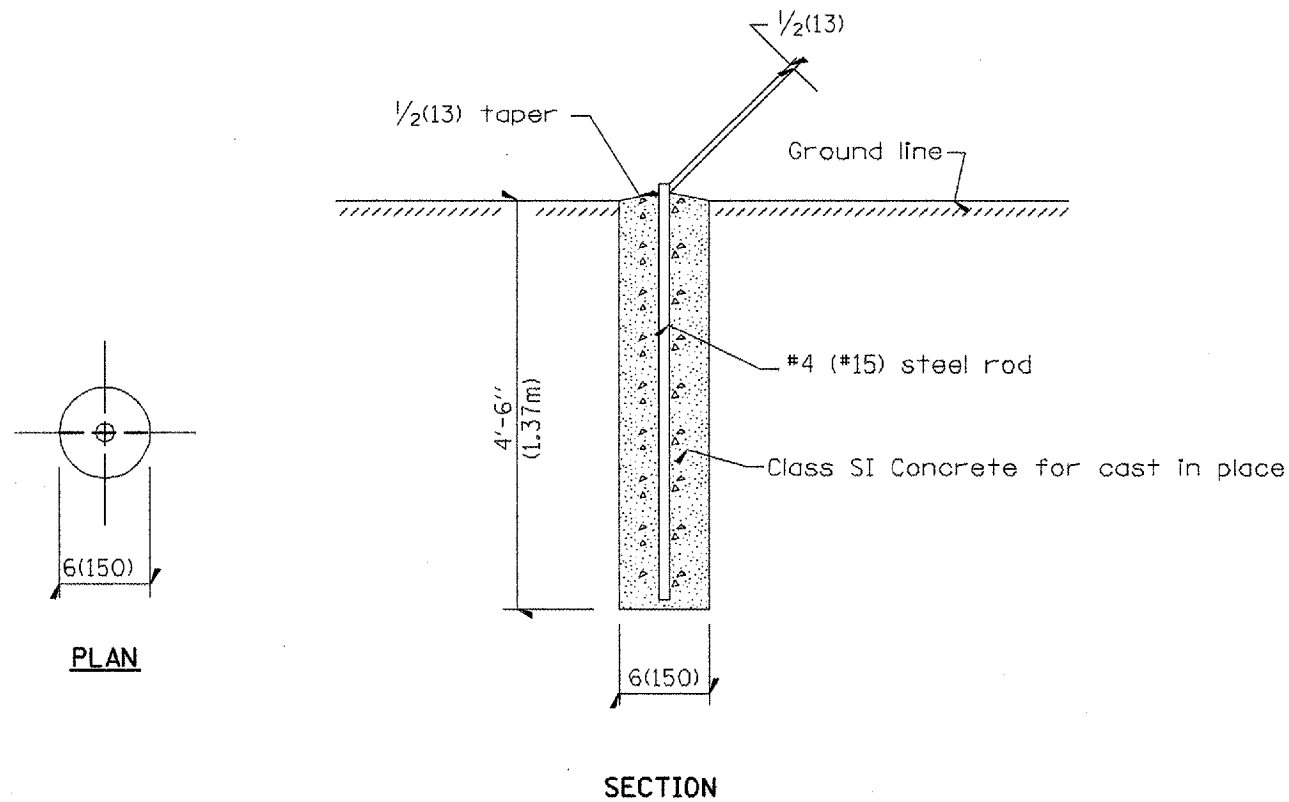
- Permanent Survey Tie
- Section Corner, 1/4 Corner, or other land corner.



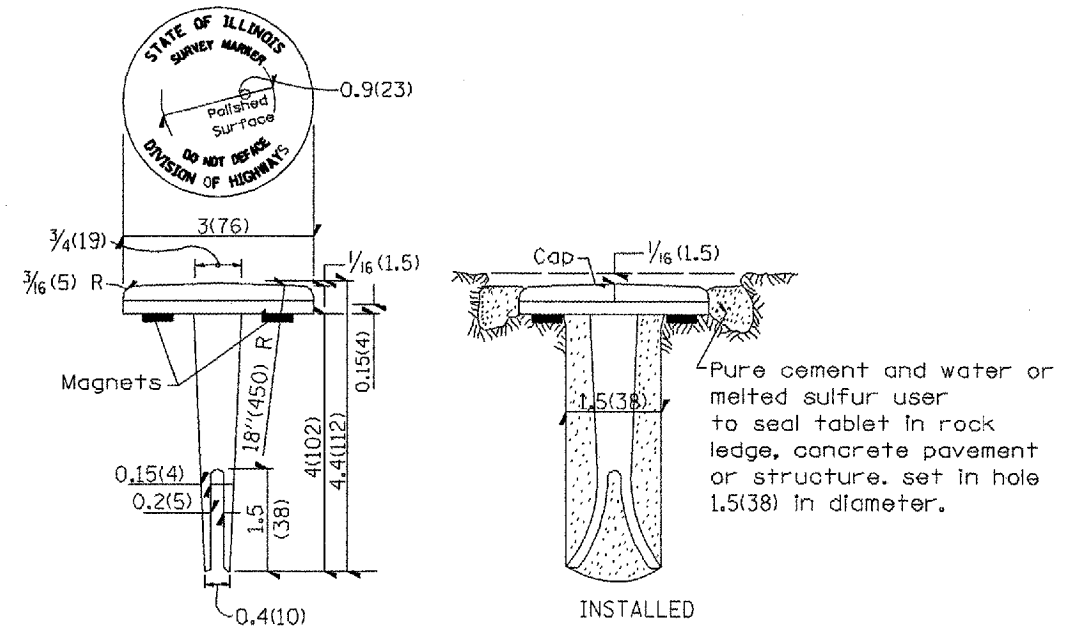
**TYPICAL APPLICATION**

**GENERAL NOTES**

- The marker shall be cast in place of Class SI Concrete.
- Tie marker shall be installed after the final seeding has been completed unless otherwise specified by the Engineer.
- The tie distances to the section corner shall be measured and recorded by the IDOT Chief of Surveys.



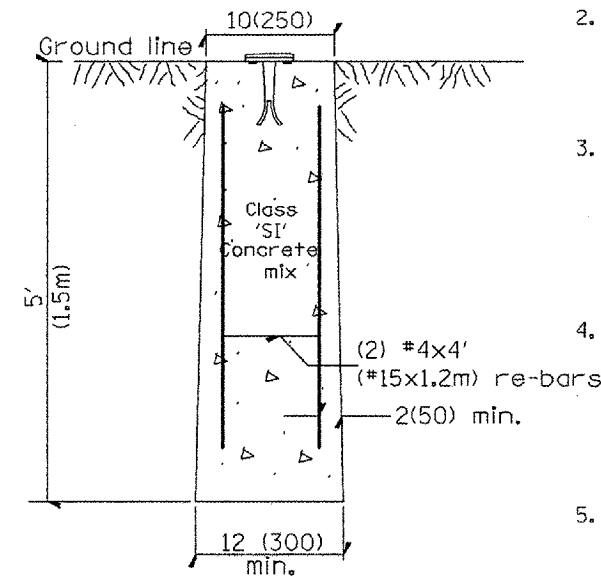
**PERMANENT SURVEY MARKERS**



**BRONZE TABLET - No Scale TYPE I**

**GENERAL NOTES**

- All type II markers shall be cast in place, and precast markers will not be allowed.
- Two permanent magnets, each having a diameter of 3/4 (19) and a thickness of 1/4 (6), or equivalent, shall be attached to the underside of the tablet with an approved epoxy bonding agent.
- The location of the markers shall be in accordance with the plans in general, the markers will be placed at the P.T.'s and P.C.'s of horizontal curves and spaces along the tangents in a way that a minimum of two markers are always inter-visible, and not to exceed 1000' (300m).
- The markers shall be placed under the direction of the Engineer and shall be installed in a workmanlike manner in order that there will be no further settlement or horizontal shifting. The monuments shall be placed in a way that the survey point will fall within the portion of the plaque provided for that purpose.
- The project designation, the centerline station, the survey point, and the elevation shall be permanently marked by the use of metal dies after marker has been installed.



**MARKER CAST IN PLACE TYPE II**

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

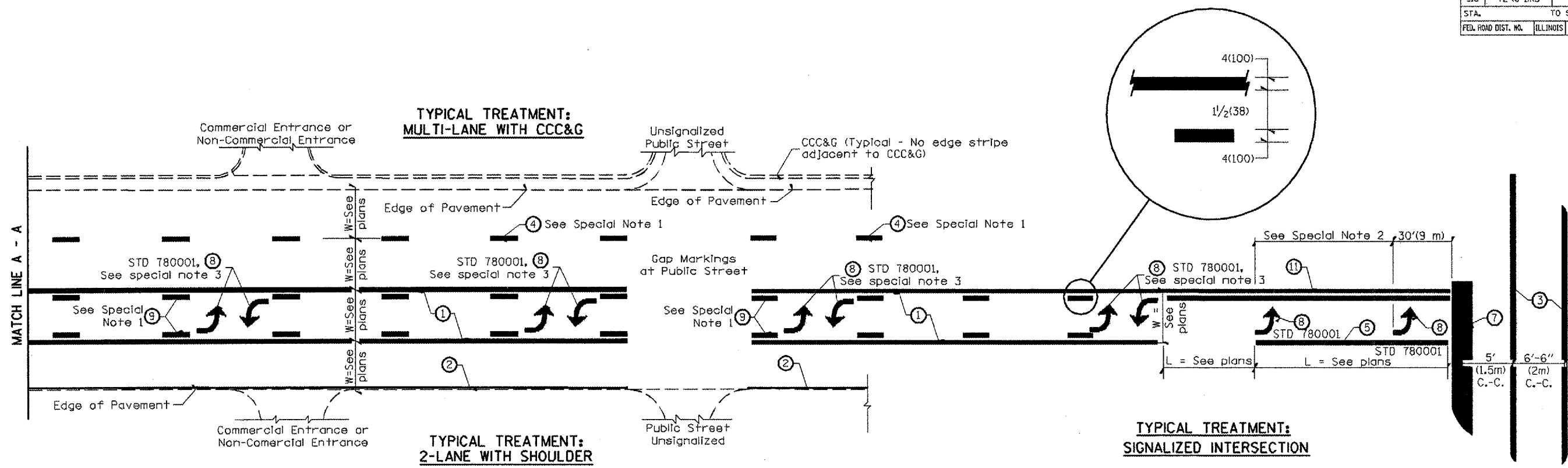
PERMANENT SURVEY TIE  
&  
PERMANENT SURVEY MARKERS TY.I - TY.II

CADD STD. NO. 667101-04  
SCALE: NOT DRAWN TO SCALE  
DRAWN BY CADD  
CHECKED BY

DATE	REVISIONS	BY
1-1-97	RENUM. D-3.0L NEW REVISION BOX	T.P.
	ADD DESIGNER NOTE, REVISED TITLE BOX	
7-7-98	ADD DESIGNER NOTE	J.A.
5-24-06	REMOVED GEN. NOTE UNDER TIES	M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

DESIGNER NOTE:  
1. ADD DISTRICT SPECIAL PROVISION.  
2. MODIFIES STATE STD 667101 TO CALL FOR "BRONZE" TABLET.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-46-11RS	PEORIA	89	52
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

**TYPICAL PAVEMENT MARKING LEGEND**

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4(100) Solid (Yellow)
- ② 4(100) Solid (White)
- ③ 2-6(150) Crosswalk @ 6'-6" (2m)ln C.-C. (White)  
2-8(200) Crosswalk @ 6'-6" (2m)ln C.-C. (White) (When traffic signals are present.)
- ④ 6(150) Skip-Dash (White) (See Special Note 1)
- ⑤ 8(200) Solid (White)
- ⑥ 12(300) Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24(600) Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4(100) Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12(300) Diagonal (Yellow) (See Table A)
- ⑪ 4(100) Double Solid (Yellow) (See Table A)

**SPECIAL NOTES**

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
  - A. A minimum of two (2) arrows is required.
  - B. The maximum spacing between arrows is 80' (24 m).
  - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
  - A. A minimum of two (2) arrow pairs is required.
  - B. The maximum spacing between arrow pairs is 200' (61 m).
  - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
  - D. The spacing between Bi Directional Left Turn Arrows is 33' (10 m).

**GENERAL NOTES**

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

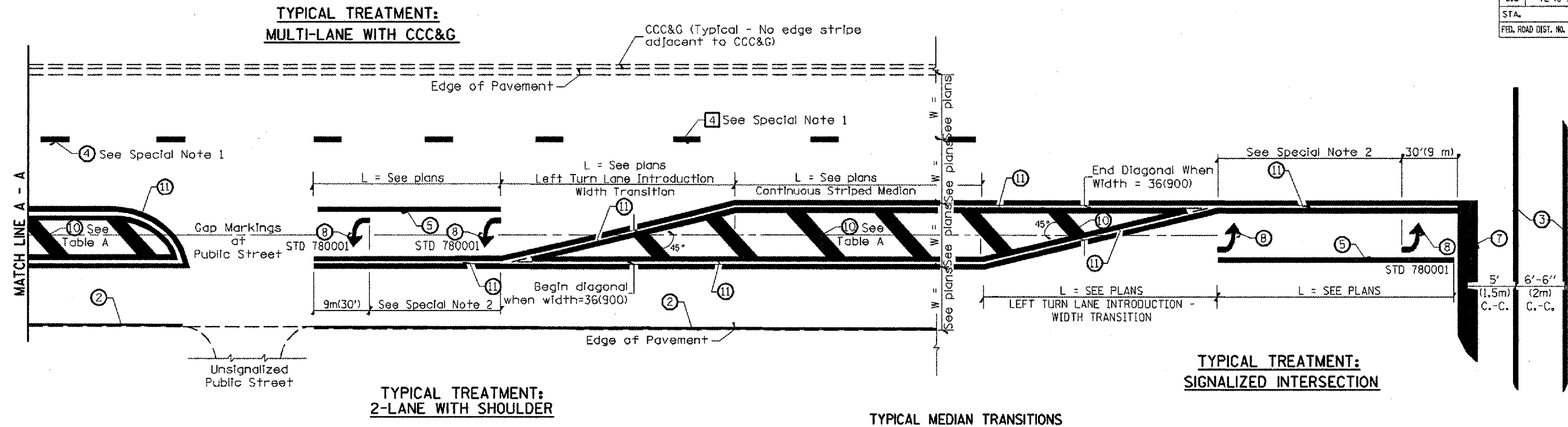
**TYPICAL PAVEMENT MARKINGS**

DATE	REVISIONS	BY
1-1-97	RENUM. F-8.03, NEW REVISION BOX	T.P.
2-7-97	ADD BI DIRECTIONAL DIMENSION	J.A.
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.
8-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

CADD STANDARD 780001-04 SHEET 1 OF 2  
SCALE: NOT DRAWN TO SCALE  
DRAWN BY CADD  
CHECKED BY

DESIGNER NOTES: 1. Include State Standard 780001 (Typical Pavement Markings)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	53
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

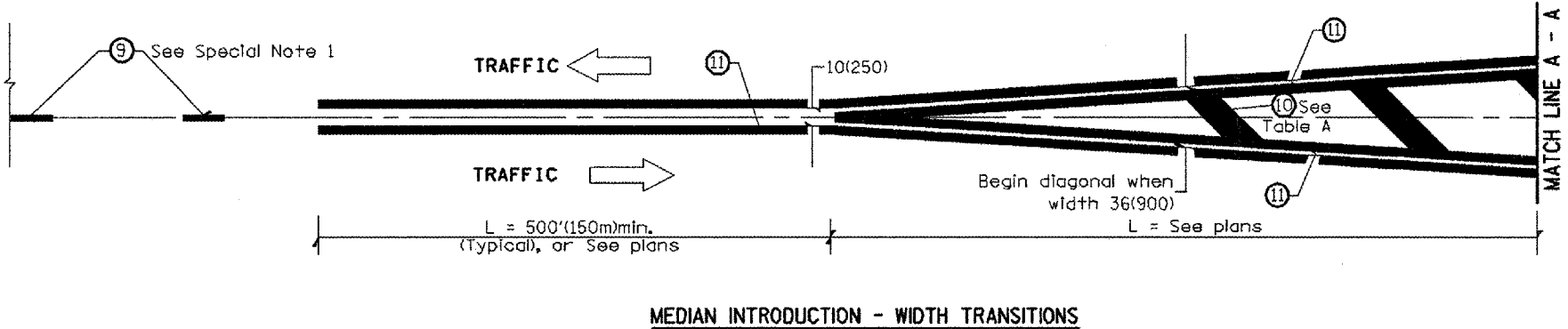


FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A

RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph (50 km/h)	50' (15m)	15' (5m)
30 - 45 mph (50 - 70 km/h)	75' (23m)	20' (6m)
Over 45 mph (70 km/h)	150' (46m)	30' (9m)



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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
DISTRICT CADD STANDARD

**TYPICAL PAVEMENT MARKINGS**

CADD STANDARD 780001-04  
SCALE: NOT DRAWN TO SCALE  
SHEET 2 OF 2  
DRAWN BY CADD  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	64
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONSTRUCTION NOTES

1. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
2. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER AND MAINTAIN A 16 FT. MINIMUM CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
3. THE PROPOSED MAST ARM MOUNTED TRAFFIC SIGNAL HEADS SHALL BE MOUNTED DIRECTLY OVER THE CENTER OF THEIR RESPECTIVE LANES.
4. ALL TRAFFIC SIGNAL HEAD BRACKETS ARE TO BE ALUMINUM WITH A NATURAL FINISH.
5. ALL TRAFFIC SIGNAL POSTS ARE TO BE GALVANIZED STEEL.
6. THE #18 3-PAIR TWISTED/SHIELDED CABLE SHALL HAVE THE SAME SLACK AS OTHER SIGNAL CABLE AND WILL BE MEASURED FOR PAYMENT.
7. ALL DETECTOR LOOPS SHALL UTILIZE A SEPARATE PAIR OF LEAD-INS.
8. A TYPE II SPLICE SHALL BE USED FOR ALL DETECTOR LEAD-INS.
9. THE PROPOSED DETECTOR LOOPS SHALL BE CUT IN THE EXISTING PAVEMENT, MILLED SURFACE, OR BINDER COURSE BEFORE THE FINAL OVERLAY. THE RISER AREA SHALL BE CHIPPED OUT AND FILLED WITH EPOXY. THIS WORK SHALL BE INCLUDED IN PRICE FOR DETECTOR LOOPS.
10. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
11. THE REMOVAL AND REPLACEMENT OF BITUMINOUS SHOULDER FOR INSTALLATION OF THE DETECTOR LOOP LEAD-IN SHALL BE INCLUDED IN THE PRICE FOR DETECTOR LOOPS.
12. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
13. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
14. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
15. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
16. THE TRAFFIC SIGNAL CONTROLLER SHALL BE ORIENTED SO THAT THE DOOR IS FACING AWAY FROM TRAFFIC.
17. THE DOUBLE HANDHOLE SHALL NOT BE USED IN LIEU OF THE CONTROLLER FOUNDATION PAD.
18. THE CONTRACTOR MAY ELECT TO PUSH A CONDUIT THAT IS SHOWN TO BE TRENCHED ON THE PLANS. HOWEVER, 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.
19. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR LOCATION VERIFICATION BEFORE INSTALLATION.
20. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
21. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING THE CONSTRUCTION OF THE TEMPORARY AND/OR PROPOSED TRAFFIC SIGNALS.
22. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
23. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
25. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THIS COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
26. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, AND PHOTOCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING DEPARTMENT LIGHTING AND TRAFFIC SIGNAL FACILITIES. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	IL 6 & IL 29	IL 6 & STATE	INTER CONNECT	ELEC SERVICE
SERVICE INSTALLATION, TYPE B	EACH				1
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	636	915	400	400
CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	48	102		
CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	78	42		
CONDUIT PUSHED, 2" DIA., PVC	FOOT	77	95		
CONDUIT PUSHED, 3" DIA., PVC	FOOT	84	213		
CONDUIT PUSHED, 3 1/2" DIA., PVC	FOOT	105	102		
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	6	8		
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1	1		
ELECTRIC CABLE IN CONDUIT, 600V, (XLP-TYPE USE) 1/C NO. 6	FOOT				1338
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	760	1054	400	400
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH		1		
FULL-ACTUATED CONTROLLER AND TYPE V CABINET, SPECIAL	EACH	1			
MASTER CONTROLLER (SPECIAL)	EACH			1	
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C	FOOT	1993.5	807		
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C	FOOT	355.5	1539		
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	265.5	1816		
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 17 FT.	EACH	1	2		
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH		2		
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1			
STEEL MAST ARM ASSEMBLY AND POLE, 60 FT.	EACH		2		
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 44 FT AND 50 FT.	EACH	1			
CONCRETE FOUNDATION, TYPE A	FOOT	3	6		
CONCRETE FOUNDATION, TYPE D	FOOT	3.5	3.5		
CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER	FOOT		20		
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	34	42		
DRILL EXISTING HANDHOLE	EACH	1			
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7	4		
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	2		
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH		4		
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2	2		
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	7	8		
INDUCTIVE LOOP DETECTOR	EACH	3	10		
DETECTOR LOOP, TYPE I	FOOT	532	1002		
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1			
REMOVE EXISTING HANDHOLE	EACH	4			
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6			
EXISTING LIGHT POLE FOUNDATION ADJUSTMENT	EACH		1		
BATTERY BACKUP SYSTEM WITH CABINET	EACH		1		
FIBER OPTIC CABLE IN CONDUIT, 62.5/125, MM12F SM12F	FOOT			508	
ELECTRIC CABLE IN CONDUIT, 1/C, NO. 6 GROUNDING	FOOT	375.5	706.5		
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT, SPECIAL	EACH	1			
TRAFFIC SIGNAL DETECTION CONTROL SYSTEM, LOCATION 1	L SUM	1			

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF TRAFFIC, RANDY LANINGA, AT (309) 671-4477 TO OBTAIN APPROVAL FOR ALL MAST ARM AND TRAFFIC SIGNAL POST FOUNDATION LOCATIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ALL COSTS REQUIRED TO REMOVE OR RELOCATE FACILITIES THAT WERE CONSTRUCTED WITHOUT OBTAINING LOCATION APPROVAL.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNAL  
SCHEDULE OF QUANTITIES  
AND CONSTRUCTION NOTES

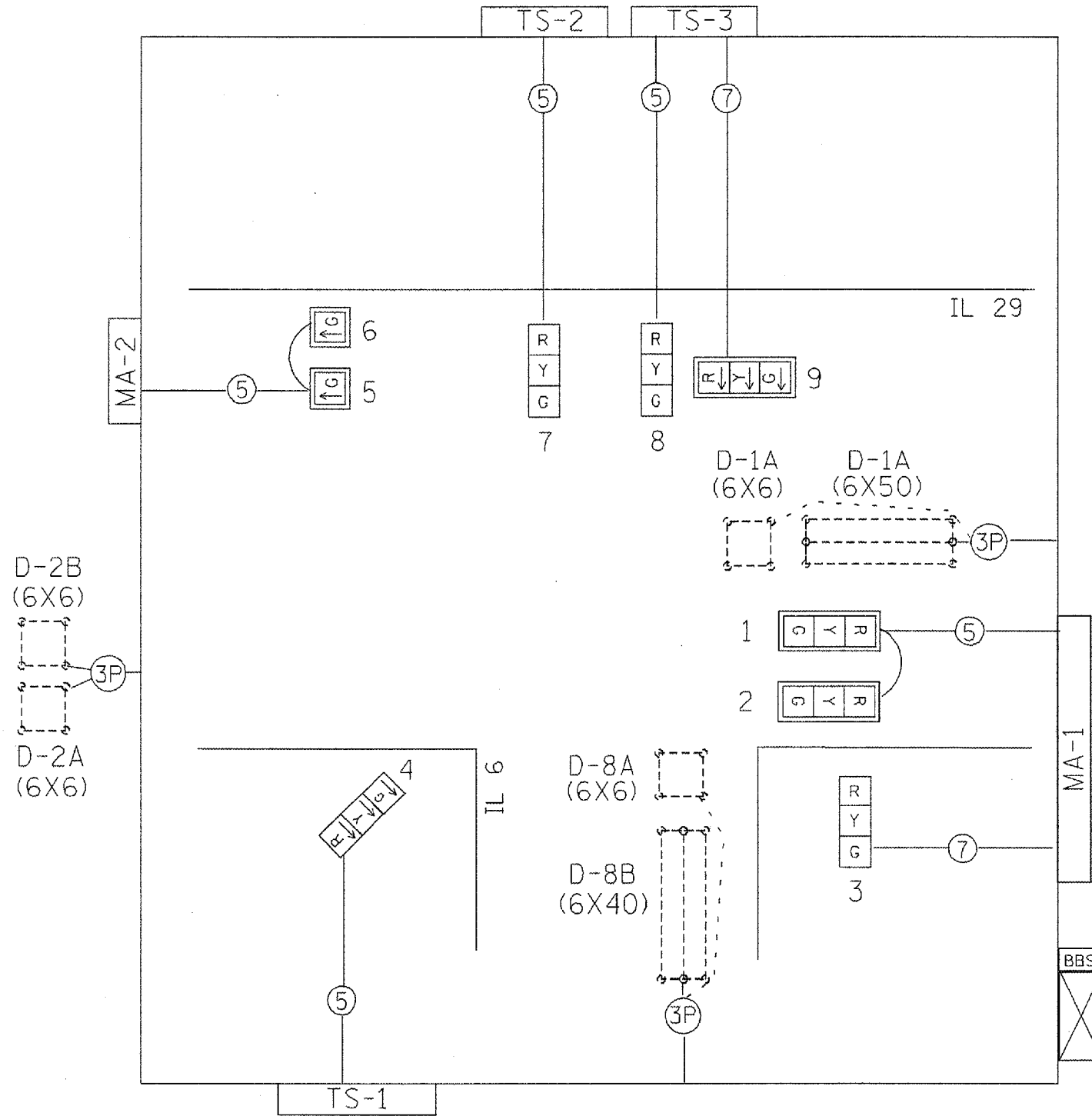
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DATE

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

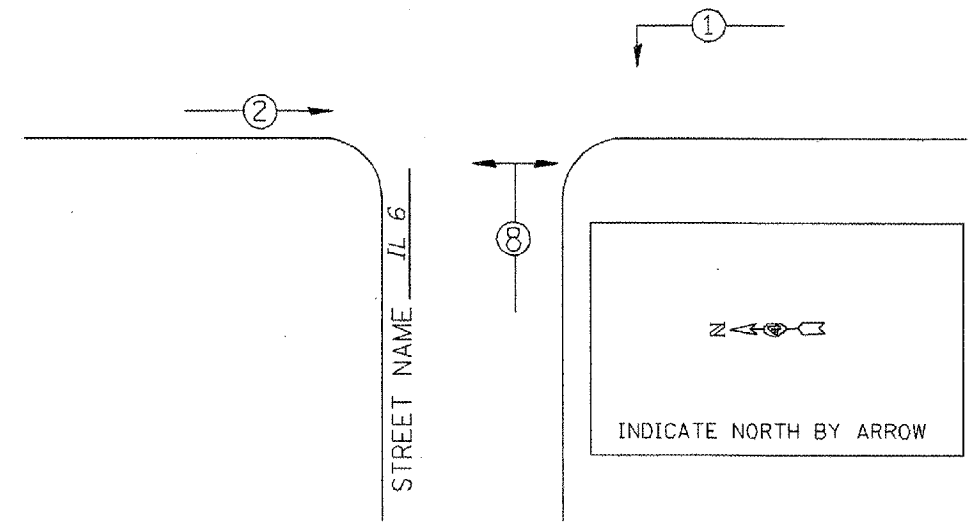
EXISTING CABLE DIAGRAM



EXISTING PHASE DIAGRAM

NAME OF INTERSECTION IL 6 & IL 29  
 EXISTING CONTROLLER: FULL ACTUATED CONTROLLER (TS-2), TYPE IV CABINET, TS-1 BACKPANEL

STREET NAME IL 29



LEGEND

← \* → VEHICULAR MOVEMENT

\* NUMBER REFERS TO ASSOCIATED PHASE

TRAFFIC SIGNALS LEGEND

- |  |                                    |  |                              |  |                           |
|--|------------------------------------|--|------------------------------|--|---------------------------|
|  | EX. CONTROLLER (SIGNAL)            |  | #18 3-PR DETECTOR LOOP CABLE |  | EX. DETECTOR LOOP (6'X6') |
|  | EX. 3 SEC. SIGNAL HEAD W/BACKPLATE |  | 5/C NO. 14 SIGNAL CABLE      |  | EX. DETECTOR LOOP (QUAD)  |
|  | EX. 3 SEC. SIGNAL HEAD             |  | 7/C NO. 14 SIGNAL CABLE      |  | EX. SERVICE INSTALLATION  |

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 EXISTING TRAFFIC SIGNAL  
 PHASE AND CABLE DIAGRAMS  
 IL 6 & IL 29  
 PEORIA COUNTY

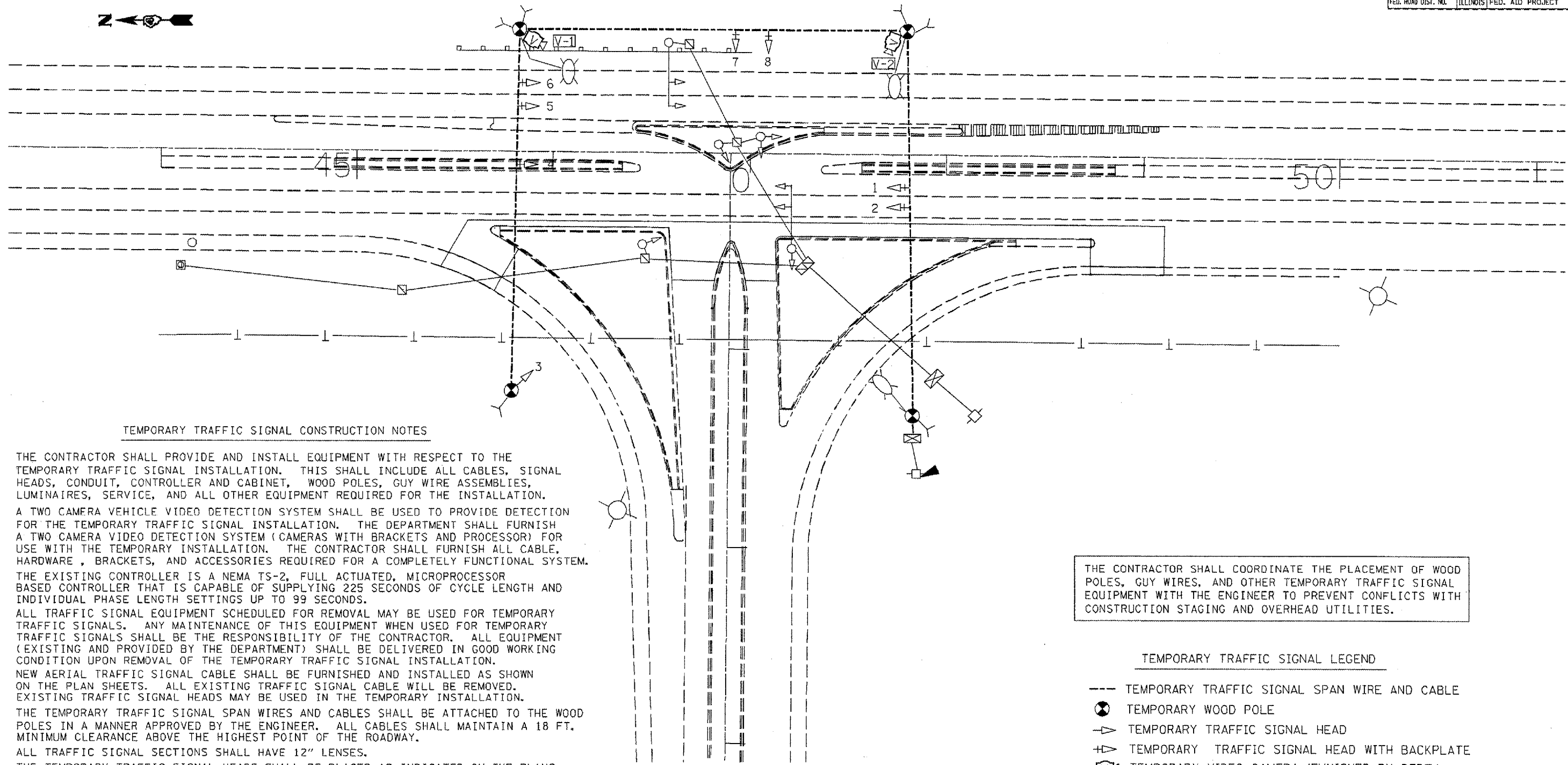
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 HORIZ. DATE

DRAWN BY  
 CHECKED BY

PLOT DATE = 12/17/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = bruceb



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-LIRS	PEORIA	89	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**TEMPORARY TRAFFIC SIGNAL CONSTRUCTION NOTES**

- T1. THE CONTRACTOR SHALL PROVIDE AND INSTALL EQUIPMENT WITH RESPECT TO THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THIS SHALL INCLUDE ALL CABLES, SIGNAL HEADS, CONDUIT, CONTROLLER AND CABINET, WOOD POLES, GUY WIRE ASSEMBLIES, LUMINAIRES, SERVICE, AND ALL OTHER EQUIPMENT REQUIRED FOR THE INSTALLATION.
- T2. A TWO CAMERA VEHICLE VIDEO DETECTION SYSTEM SHALL BE USED TO PROVIDE DETECTION FOR THE TEMPORARY TRAFFIC SIGNAL INSTALLATION. THE DEPARTMENT SHALL FURNISH A TWO CAMERA VIDEO DETECTION SYSTEM (CAMERAS WITH BRACKETS AND PROCESSOR) FOR USE WITH THE TEMPORARY INSTALLATION. THE CONTRACTOR SHALL FURNISH ALL CABLE, HARDWARE, BRACKETS, AND ACCESSORIES REQUIRED FOR A COMPLETELY FUNCTIONAL SYSTEM.
- T3. THE EXISTING CONTROLLER IS A NEMA TS-2, FULL ACTUATED, MICROPROCESSOR BASED CONTROLLER THAT IS CAPABLE OF SUPPLYING 225 SECONDS OF CYCLE LENGTH AND INDIVIDUAL PHASE LENGTH SETTINGS UP TO 99 SECONDS.
- T4. ALL TRAFFIC SIGNAL EQUIPMENT SCHEDULED FOR REMOVAL MAY BE USED FOR TEMPORARY TRAFFIC SIGNALS. ANY MAINTENANCE OF THIS EQUIPMENT WHEN USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL EQUIPMENT (EXISTING AND PROVIDED BY THE DEPARTMENT) SHALL BE DELIVERED IN GOOD WORKING CONDITION UPON REMOVAL OF THE TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- T5. NEW AERIAL TRAFFIC SIGNAL CABLE SHALL BE FURNISHED AND INSTALLED AS SHOWN ON THE PLAN SHEETS. ALL EXISTING TRAFFIC SIGNAL CABLE WILL BE REMOVED. EXISTING TRAFFIC SIGNAL HEADS MAY BE USED IN THE TEMPORARY INSTALLATION.
- T6. THE TEMPORARY TRAFFIC SIGNAL SPAN WIRES AND CABLES SHALL BE ATTACHED TO THE WOOD POLES IN A MANNER APPROVED BY THE ENGINEER. ALL CABLES SHALL MAINTAIN A 18 FT. MINIMUM CLEARANCE ABOVE THE HIGHEST POINT OF THE ROADWAY.
- T7. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" LENSES.
- T8. THE TEMPORARY TRAFFIC SIGNAL HEADS SHALL BE PLACED AS INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.
- T9. 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.
- T10. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO RELOCATE THE TEMPORARY TRAFFIC SIGNAL HEADS IN ACCORDANCE WITH THE PROPOSED CONSTRUCTION STAGING.
- T11. THE TRAFFIC SIGNAL INSTALLATION SHALL CONFORM TO ALL APPLICABLE MUTCD STANDARDS.
- T12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MODIFYING THE VIDEO DETECTION SYSTEM TO ACCOMODATE CONSTRUCTION STAGING (INCLUDING CAMERA AIMING AND PROGRAMMING).
- T13. ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF WOOD POLES, GUY WIRES, AND OTHER TEMPORARY TRAFFIC SIGNAL EQUIPMENT WITH THE ENGINEER TO PREVENT CONFLICTS WITH CONSTRUCTION STAGING AND OVERHEAD UTILITIES.

**TEMPORARY TRAFFIC SIGNAL LEGEND**

- TEMPORARY TRAFFIC SIGNAL SPAN WIRE AND CABLE
- ⊗ TEMPORARY WOOD POLE
- ⤴ TEMPORARY TRAFFIC SIGNAL HEAD
- ⤴ TEMPORARY TRAFFIC SIGNAL HEAD WITH BACKPLATE
- Ⓜ TEMPORARY VIDEO CAMERA (FURNISHED BY DEPT.)
- ⊗ LUMINAIRE, 400W, SODIUM VAPOR, PHOTOCELL CONTROL

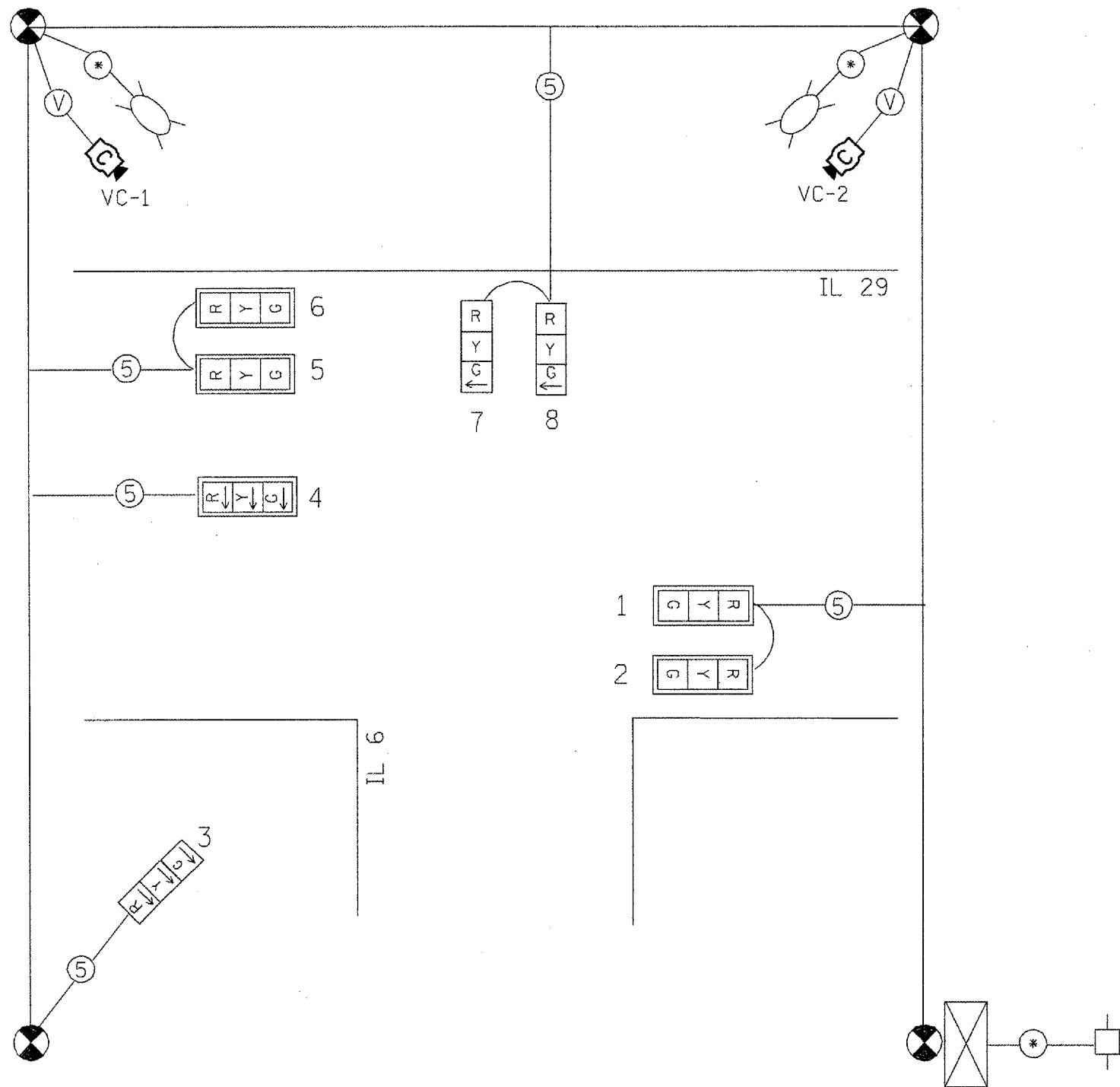
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TEMPORARY TRAFFIC  
 SIGNAL INSTALLATION  
 IL 6 & IL 29  
 PEORIA COUNTY

15/07/2007  
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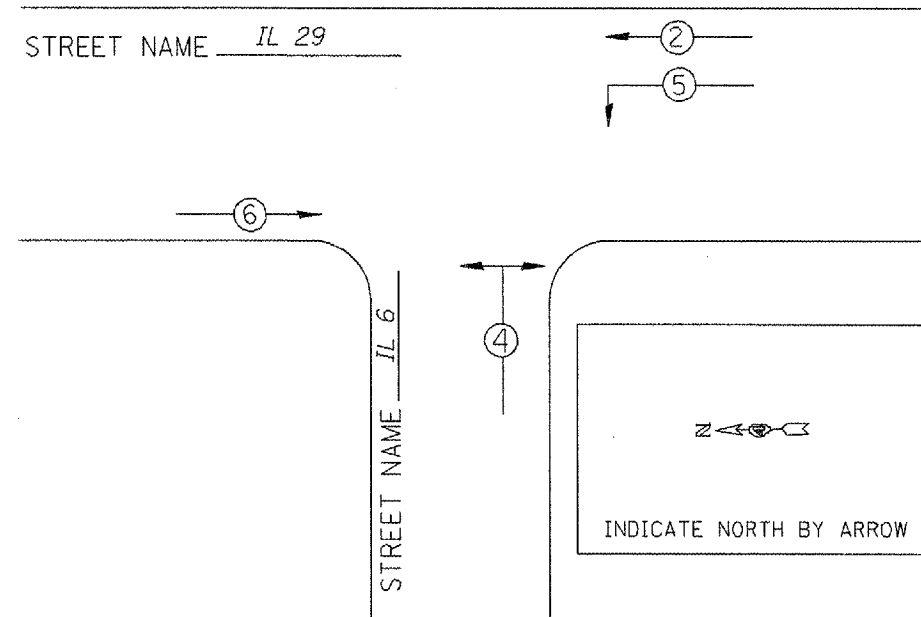
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	58
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

TEMPORARY CABLE DIAGRAM



TEMPORARY PHASE DIAGRAM

NAME OF INTERSECTION IL 6 & IL 29  
 EXISTING CONTROLLER: FULL ACTUATED CONTROLLER (TS-2), TYPE IV CABINET, TS-1 BACKPANEL



LEGEND

← \* → VEHICULAR MOVEMENT  
 \* NUMBER REFERS TO ASSOCIATED PHASE

TRAFFIC SIGNALS LEGEND

- |  |                                      |  |                               |  |   |
|--|--------------------------------------|--|-------------------------------|--|---|
|  | TEMP. CONTROLLER (SIGNAL)            |  | TEMP. 5/C NO. 14 SIGNAL CABLE |  | TEMP. SERVICE INSTALLATION                |
|  | TEMP. 3 SEC. SIGNAL HEAD W/BACKPLATE |  | TEMP. VIDEO DETECTION CABLE   |  | TEMP. VIDEO DETECTION CAMERA              |
|  | TEMP. 3 SEC. SIGNAL HEAD             |  | TEMP. CABLE (1/C NO. 6) X 3   |  | TEMP. LUMINAIRE (400 W HPS) W/ PHOTOCCELL |

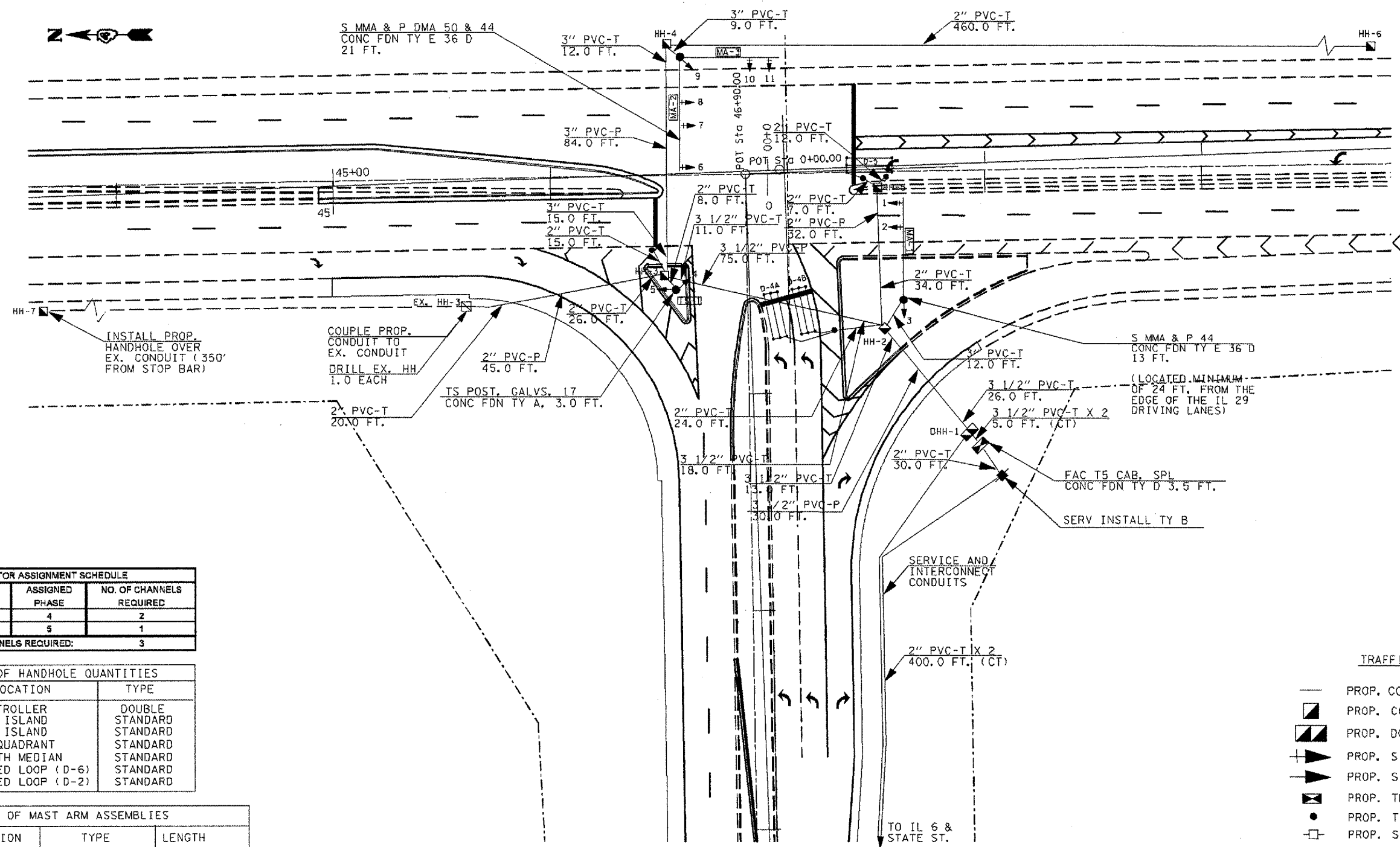
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TEMPORARY TRAFFIC SIGNAL  
 PHASE AND CABLE DIAGRAMS  
 IL 6 & IL 29  
 PEORIA COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	59
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



DETECTOR LOOP	ASSIGNED PHASE	NO. OF CHANNELS REQUIRED
D-4A, D-4B	4	2
D5	5	1
TOTAL NUMBER OF CHANNELS REQUIRED:		3

REF.	LOCATION	TYPE
DHH-1	CONTROLLER	DOUBLE
HH-2	SW ISLAND	STANDARD
HH-3	NW ISLAND	STANDARD
HH-4	NE QUADRANT	STANDARD
HH-5	SOUTH MEDIAN	STANDARD
HH-6	ADVANCED LOOP (D-6)	STANDARD
HH-7	ADVANCED LOOP (D-2)	STANDARD

REF.	LOCATION	TYPE	LENGTH
TS-1	NW ISLAND	TS POST GS	17 FT.
MA-1	SW QUADRANT	S MAA & P	44 FT.
MA-2/3	NE QUADRANT	S MAA & P	50 FT/44 FT.

QTY	UNIT	ITEM	LOCATION
7.0	EA.	SH, LED, 1F, 3-SEC, MAM	1, 2, 6, 7, 8, 10, 11
2.0	EA.	SH, LED, 1F, 3-SEC, BM	4, 9
2.0	EA.	SH, LED, 1F, 5-SEC, BM	3, 5
7.0	EA.	TRAFFIC SIGNAL BACKPLATE LOUVERED	1, 2, 6, 7, 8, 10, 11

- TRAFFIC SIGNAL LEGEND
- PROP. CONDUIT
  - ◻ PROP. CONCRETE HANDHOLE
  - ◻◻ PROP. DOUBLE CONCRETE HANDHOLE
  - ⊕ PROP. SIGNAL HEAD WITH BACKPLATE
  - ▶ PROP. SIGNAL HEAD
  - ◻◻ PROP. TRAFFIC SIGNAL CONTROLLER
  - PROP. TRAFFIC SIGNAL POST
  - ◻ PROP. SERVICE INSTALLATION
  - PROP. STL MAST ARM ASSEMBLY AND POLE

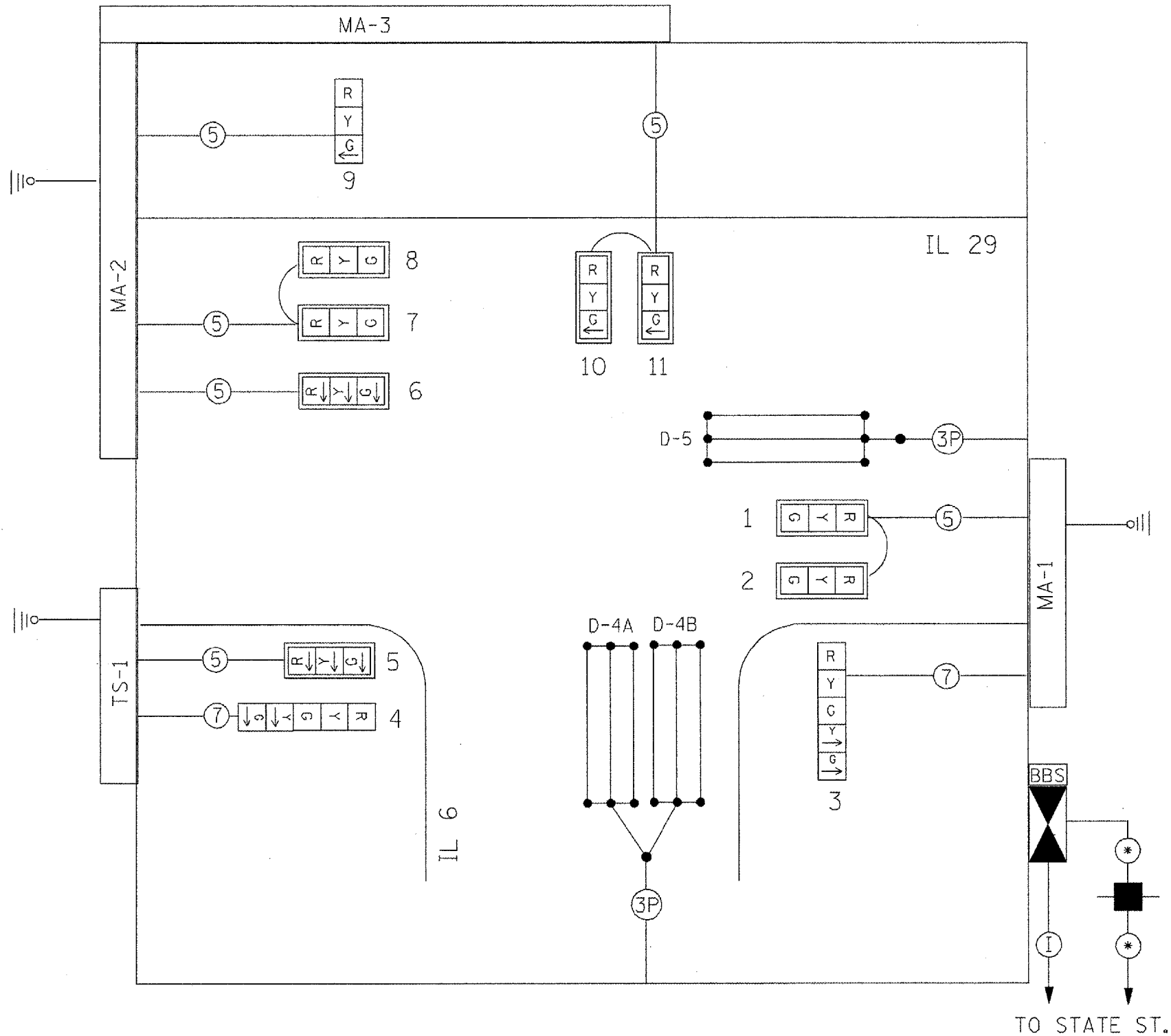
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TRAFFIC SIGNALS  
 IL 6 & IL 29  
 PEORIA COUNTY  
 SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_  
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 CHECKED BY \_\_\_\_\_

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
31B	72-16-URS	PEORIA	89	60
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED CABLE DIAGRAM

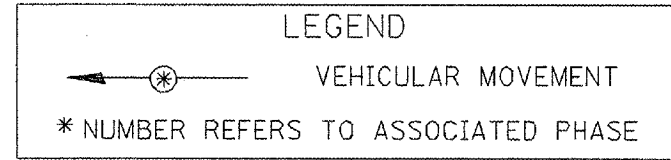
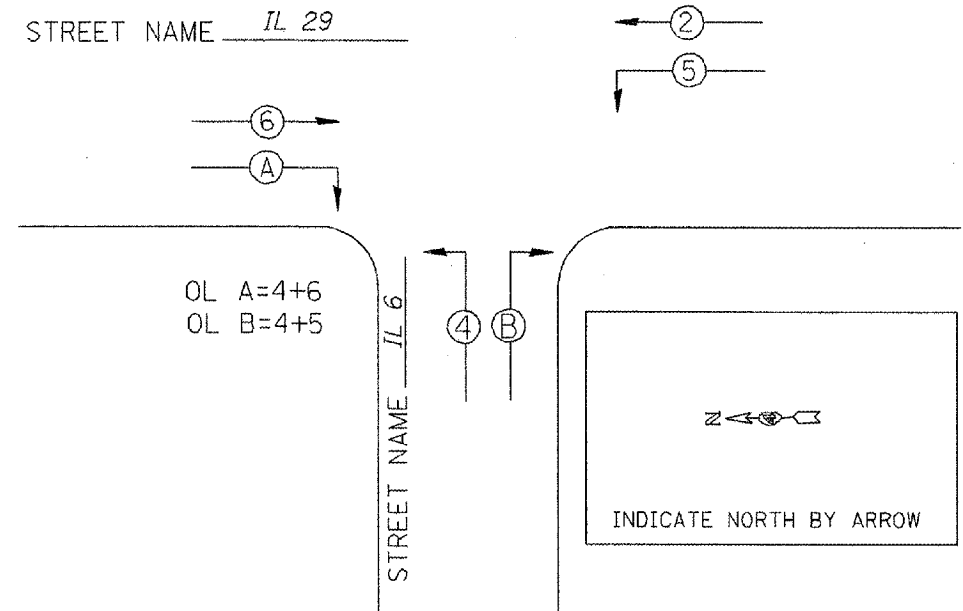


TRAFFIC SIGNALS LEGEND

- PROP. CONTROLLER (SIGNAL)
- PROP. SIGNAL HEAD W/BACKPLATE
- PROP. SIGNAL HEAD
- PROP. 5/C NO. 14 SIGNAL CABLE
- PROP. 7/C NO. 14 SIGNAL CABLE
- PROP. (1/C NO. 6) X 3
- PROP. SERVICE INSTALLATION
- PROP. INTERCONNECT CABLE
- PROP. DETECTOR LOOP (6'X50')

PROPOSED PHASE DIAGRAM

NAME OF INTERSECTION IL 6 & IL 29  
 PROPOSED CONTROLLER: FULL ACTUATED CONTROLLER (TS-2), TYPE V CABINET, TS-2 BACKPANEL



REVISIONS	
NAME	DATE

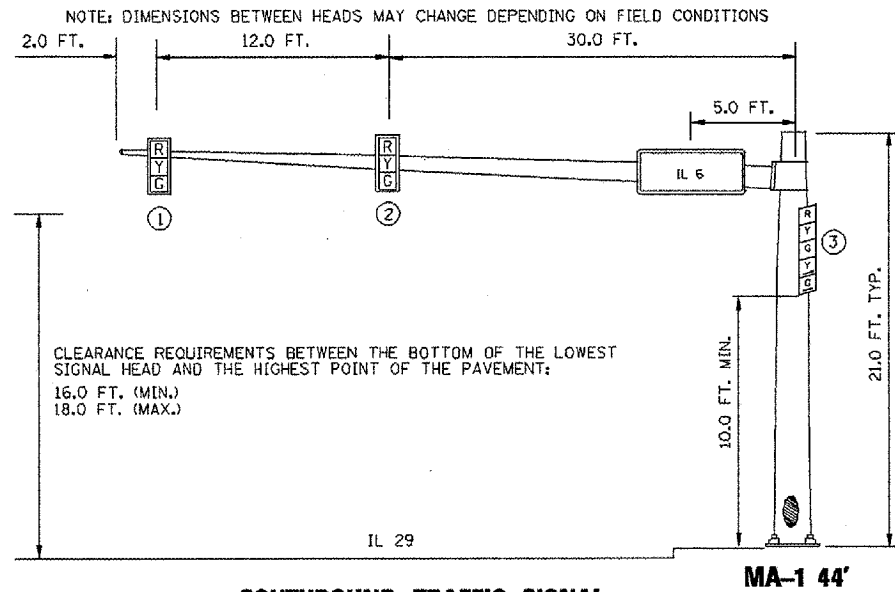
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TRAFFIC SIGNAL  
 PHASE AND CABLE DIAGRAMS  
 IL 6 & IL 29  
 PEORIA COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

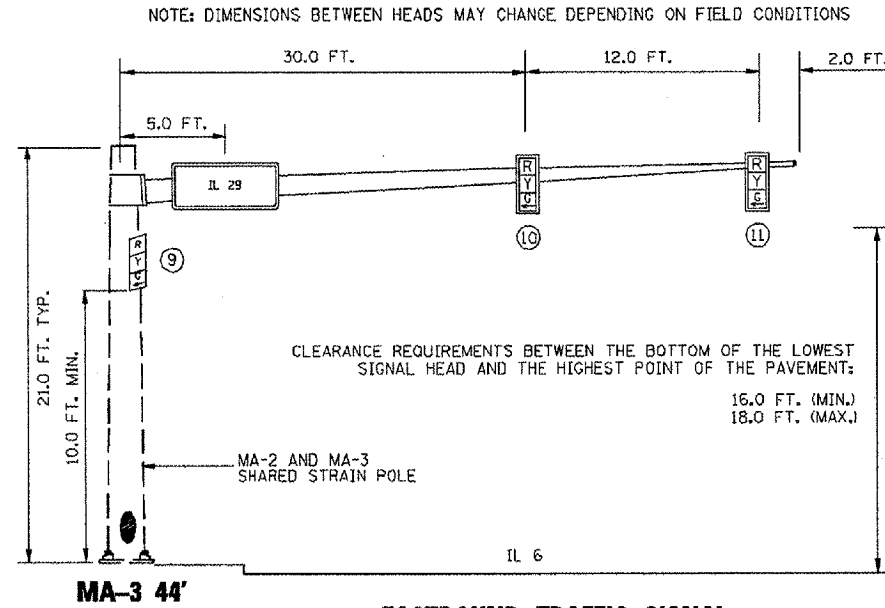
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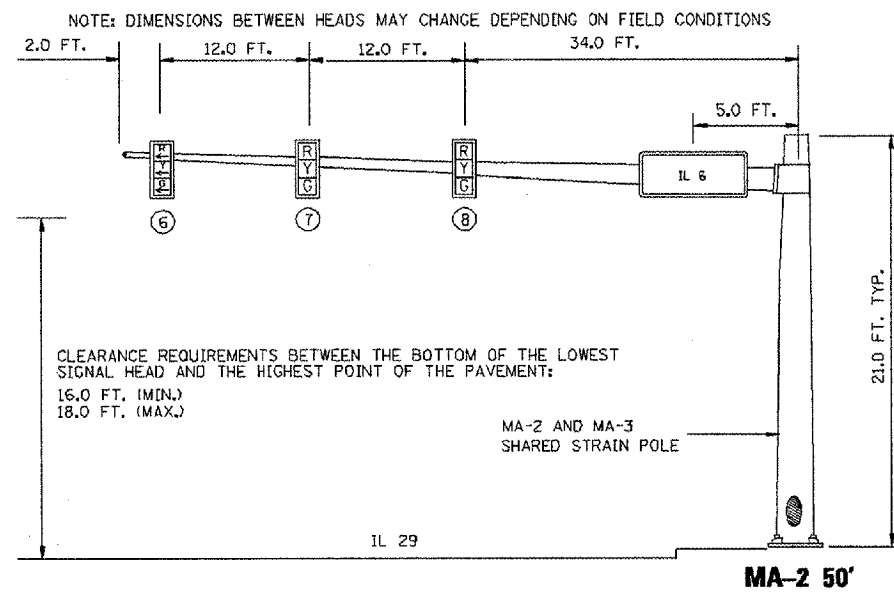
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	61
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



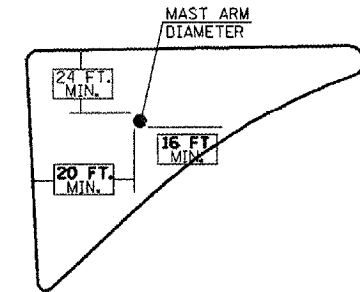
**SOUTHBOUND TRAFFIC SIGNAL**  
**SOUTHWEST CORNER OF IL 29 & IL 6**



**EASTBOUND TRAFFIC SIGNAL**  
**NORTHEAST CORNER OF IL 29 & IL 6**

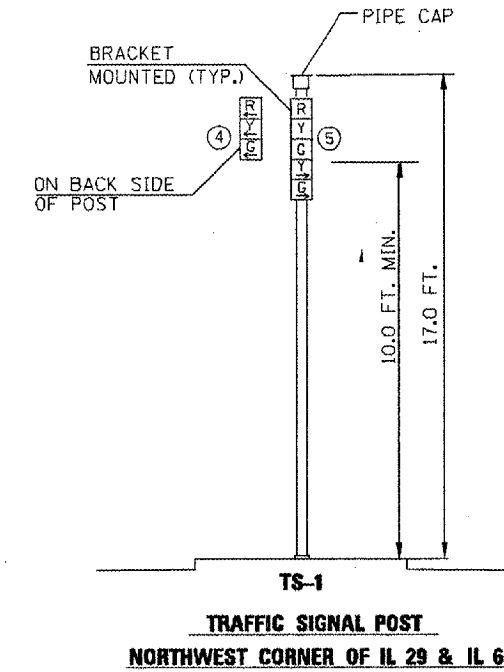


**NORTHBOUND TRAFFIC SIGNAL**  
**NORTHEAST CORNER OF IL 29 & IL 6**



NOTE: MAST ARM SHALL BE LOCATED A MINIMUM DISTANCE OF 24 FT. FROM THE FACE OF THE MAST ARM TO THE FACE OF THE CURB FOR SB IL 29.

**MAST ARM PLACEMENT WITHIN ISLAND**



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
PROPOSED TRAFFIC SIGNAL  
MAST ARM AND POST DETAILS  
IL 29 & IL 6  
PEORIA COUNTY

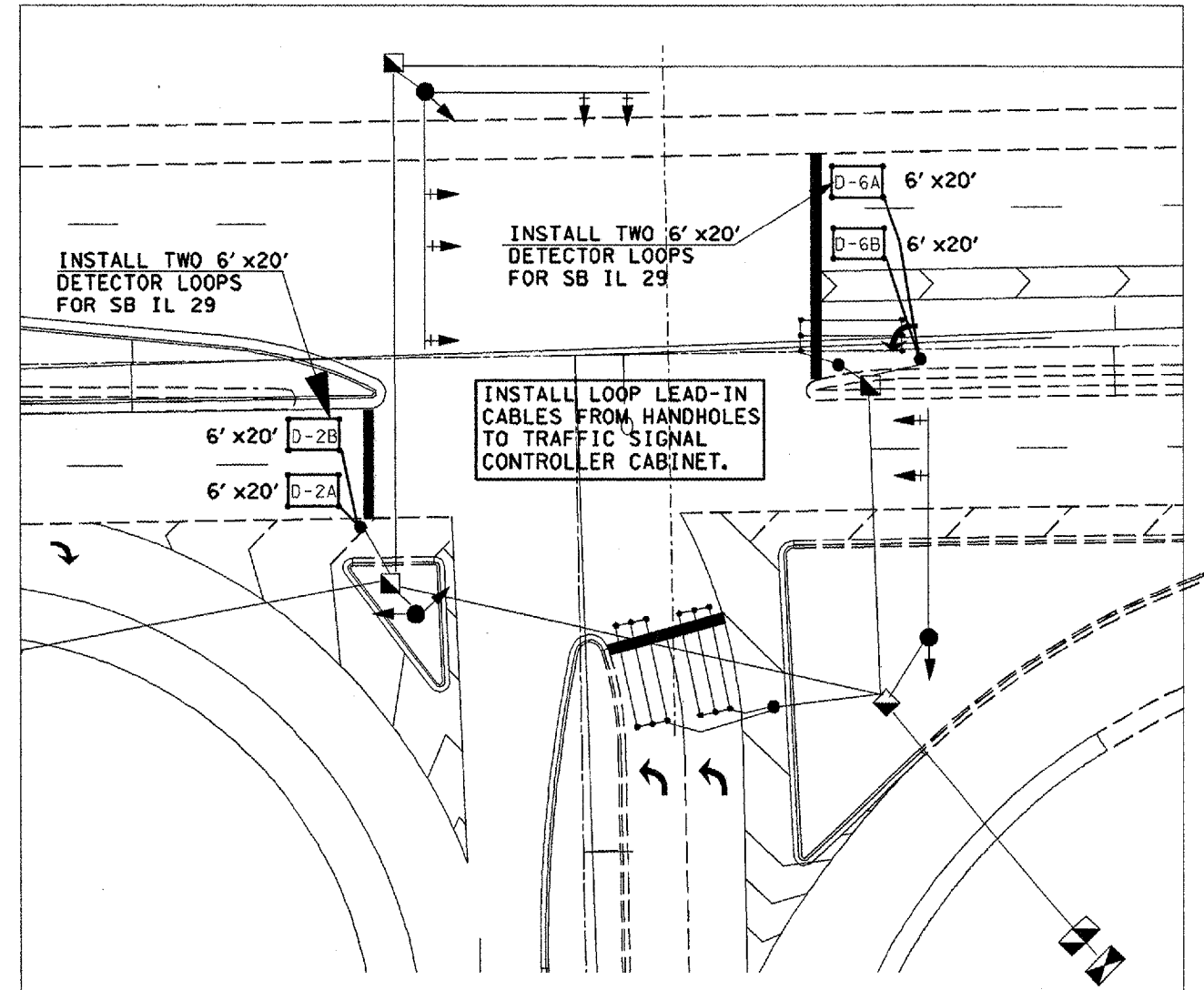
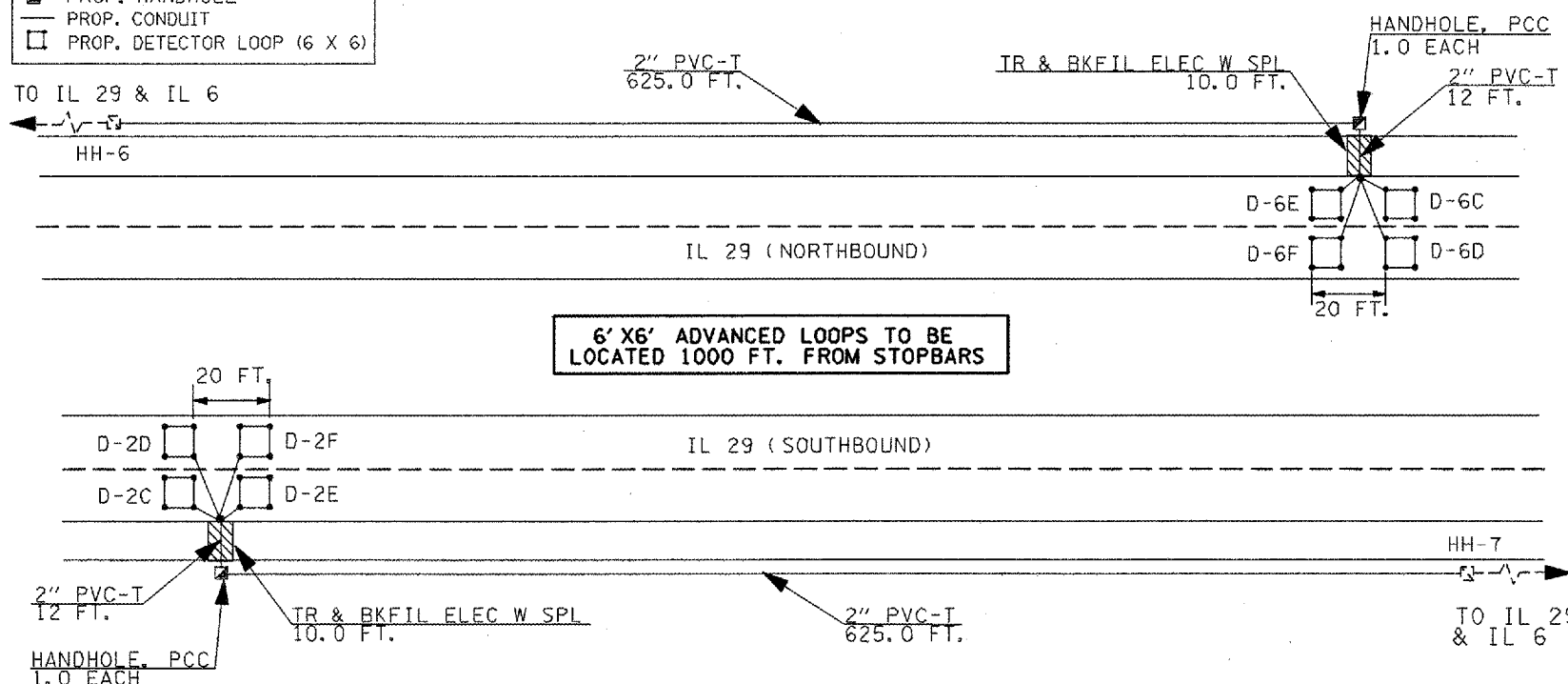
SCALE: VERT. / HORIZ.  
DATE

DRAWN BY  
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1/RS	PEORIA	89	62
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**TRAFFIC SIGNAL LEGEND**

- ☐ HANDHOLE, PCC
- 2" PVC CONDUIT
- ☑ PROP. HANDHOLE
- PROP. CONDUIT
- PROP. DETECTOR LOOP (6 X 6)



**BILL OF MATERIALS - OPTION "A"**

ITEM DESCRIPTION	UNIT	QTY
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	1250
HANDHOLE, PCC	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1250
TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL)	FOOT	20
INDUCTIVE LOOP DETECTOR	EACH	12
DETECTOR LOOP, TYPE I	FOOT	287
DETECTOR LOOP, SPECIAL	FOOT	282
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 12, 2C	FOOT	10576
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18, 3 PAIR	FOOT	376

**TRAFFIC SIGNAL CONSTRUCTION NOTES - "OPTION "A"**

- ALL ADVANCED 6'X6' DETECTOR LOOPS SHALL HAVE SIX TURNS.
- ADVANCED DETECTOR LOOPS SHALL BE LOCATED 1000 FT. FROM THE STOP BAR.
- ALL ADVANCED DETECTOR LOOPS SHALL UTILIZE A SEPARATE #12 1-PAIR TWISTED/SHIELDED LEAD-IN CABLE.
- DETECTOR LOOP LEAD-IN CABLES SHALL HAVE THE SAME SLACK AS OTHER SIGNAL CABLE.
- LEAD-IN CABLE SHALL BE CONTINUOUS FROM THE TYPE II SPLICE LOCATED IN THE CONCRETE HANDHOLE TO THE CONTROLLER CABINET. NO SPLICES WILL BE ALLOWED.
- ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES. THE ENGINEER OF TRAFFIC SHALL BE NOTIFIED FOR VERIFICATION OF DETECTOR PLACEMENT BEFORE INSTALLATION.
- EACH DETECTOR LOOP SHALL HAVE A SEPARATE LEAD-IN SLOT (ONLY ONE PAIR OF LEAD-IN WIRES PER SLOT).
- THE REMOVAL AND REPLACEMENT OF BITUMINOUS SHOULDER FOR INSTALLATION OF THE ADVANCED DETECTOR LOOP LEAD-IN SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC SIGNAL DETECTION CONTROL SYSTEM".
- THE CONTRACTOR SHALL FURNISH NAZTEC TRAFFIC SIGNAL EQUIPMENT FOR USE WITH THIS

THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND COMPONENTS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM. ALL ITEMS THAT ARE REQUIRED FOR INSTALLATION MAY NOT BE LISTED IN THE PROPOSED BILL OF MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL ITEMS AND THEIR RESPECTIVE QUANTITIES. THERE WILL BE NO ADDITIONAL COMPENSATION FOR OMISSIONS AND/OR QUANTITY DISCREPENCIES.

**DETECTOR ASSIGNMENT SCHEDULE - OPTION "A"**

DETECTOR LOOP	ASSIGNED PHASE	NO. OF CHANNELS REQUIRED
D-2A, D-2B	2	2
D-2C, D-2D	2	2
D-2E, D-2F	2	2
D-6A, D-6B	2	2
D-6C, D-6D	2	2
D-6E, D-6F	2	2
<b>TOTAL NUMBER OF CHANNELS REQUIRED:</b>		<b>12</b>

**SCHEDULE OF QUANTITIES**

ITEM DESCRIPTION	UNIT	QTY
TRAFFIC SIGNAL DETECTION CONTROL SYSTEM, LOCATION 1	L SUM	1

NOT TO SCALE  
TRAFFIC SIGNALS  
SHEET 9 OF 18

**REVISIONS**

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
IL 6 & IL 29  
DETECTION CONTROL SYSTEM  
OPTION "A"  
PEORIA COUNTY

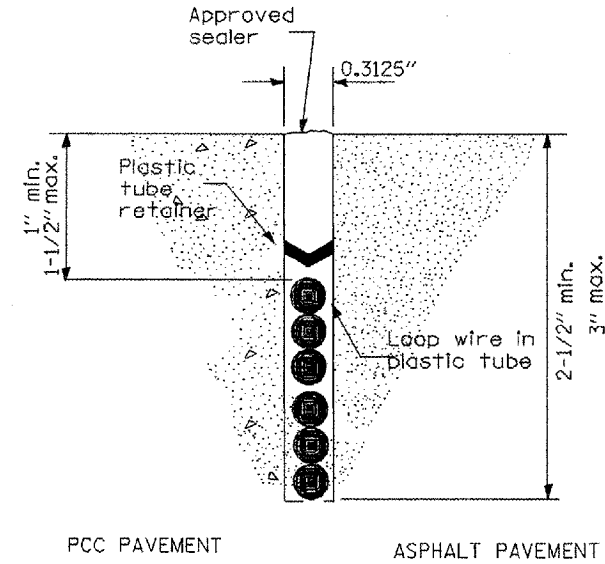
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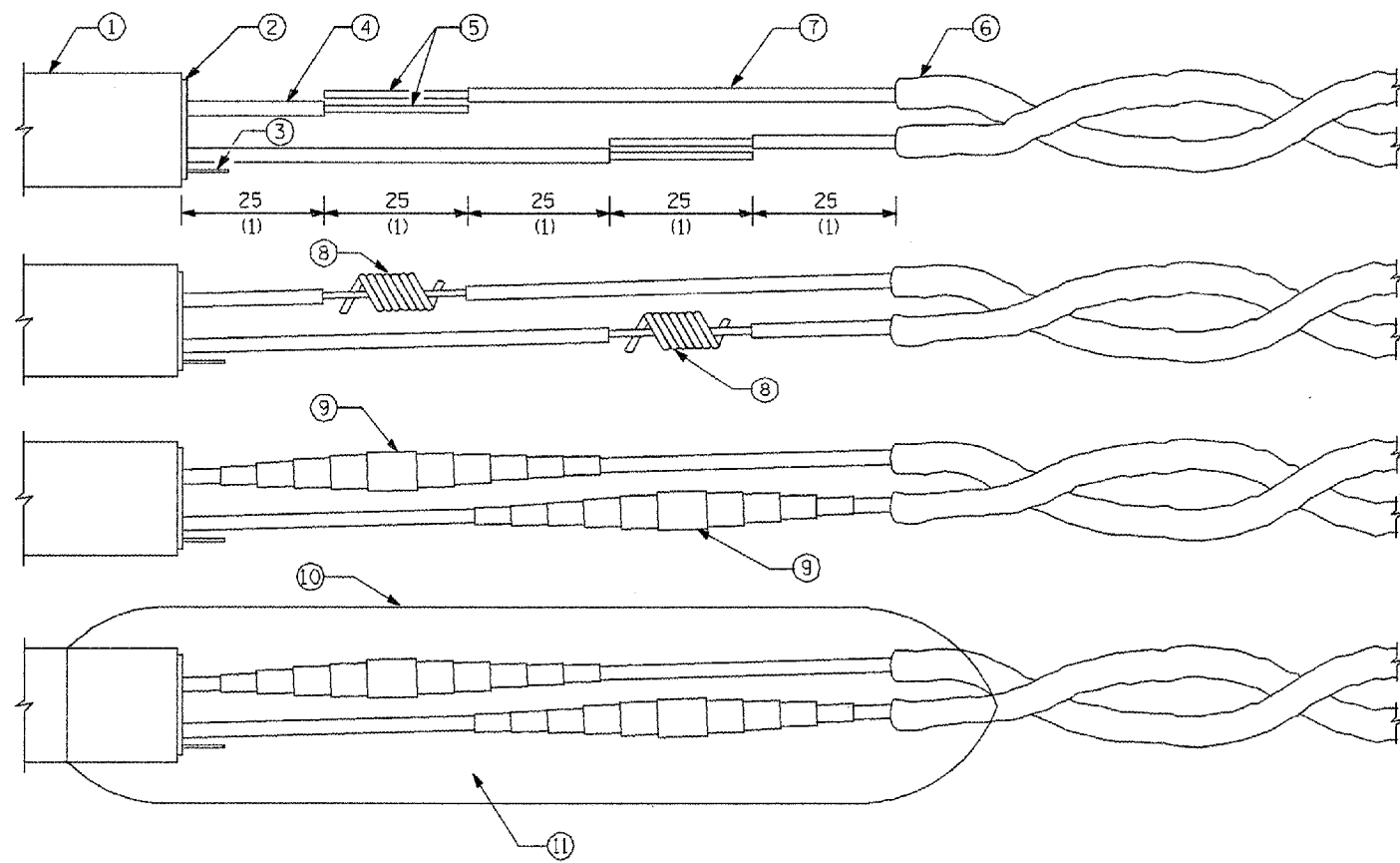
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-6-URS	PEORIA	89	63
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

ALL 6' X 6' LOOPS SHALL HAVE SIX TURNS



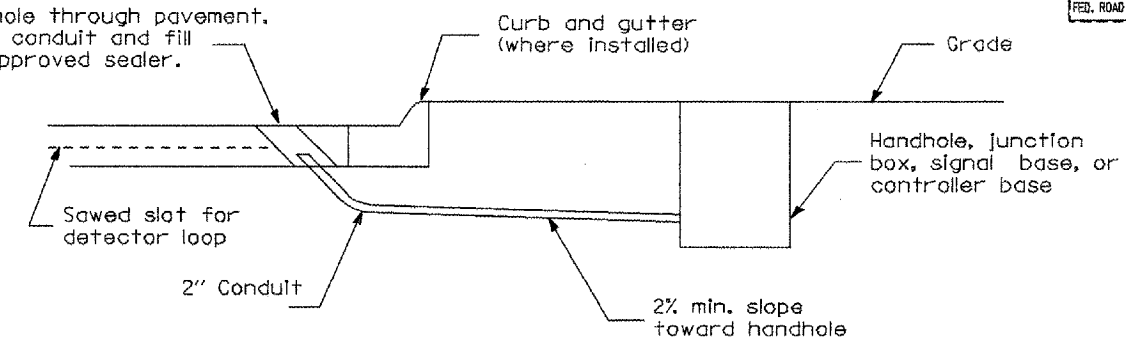
PCC PAVEMENT ASPHALT PAVEMENT

**DETECTOR LOOP INSTALLATION**



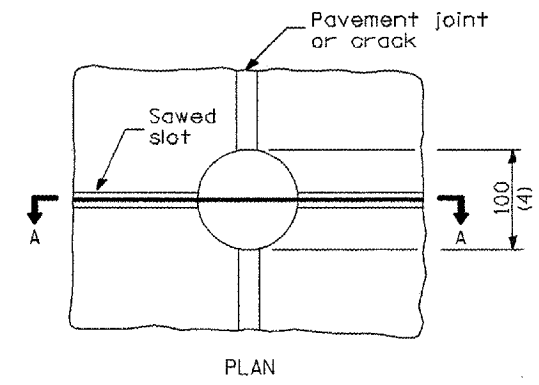
**LOOP WIRE AND LEAD-IN CABLE SPLICE**

Drill hole through pavement. Insert conduit and fill with approved sealer.

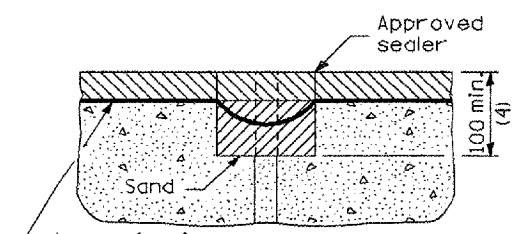


**DETECTOR LOOP LEAD-IN**

- ① = Lead-in cable (single pair or multipair)
- ② = Lead-in cable shield
- ③ = Lead-in cable shield drain-wire
- ④ = Lead-in cable insulated conductor
- ⑤ = Bare conductor
- ⑥ = Loop wire in tube
- ⑦ = Loop wire insulated conductor
- ⑧ = Twisted and resin soldered conductor
- ⑨ = Electrical tape insulated splice
- ⑩ = Rigid mold
- ⑪ = Waterproof and dielectric resin



PLAN

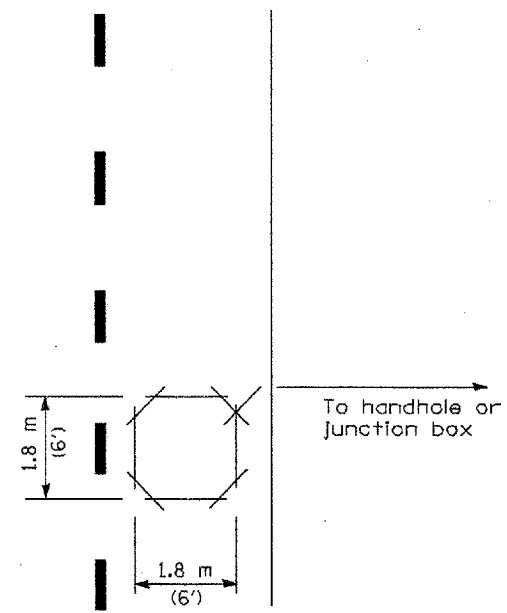


SECTION A-A

NOTE  
Loop wire shall follow saw cut to bottom, forming slack section at joint.

**DETECTOR LOOP AT PAVEMENT JOINT OR PAVEMENT CRACK**

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



FOR POINT DETECTION SHORT LOOP

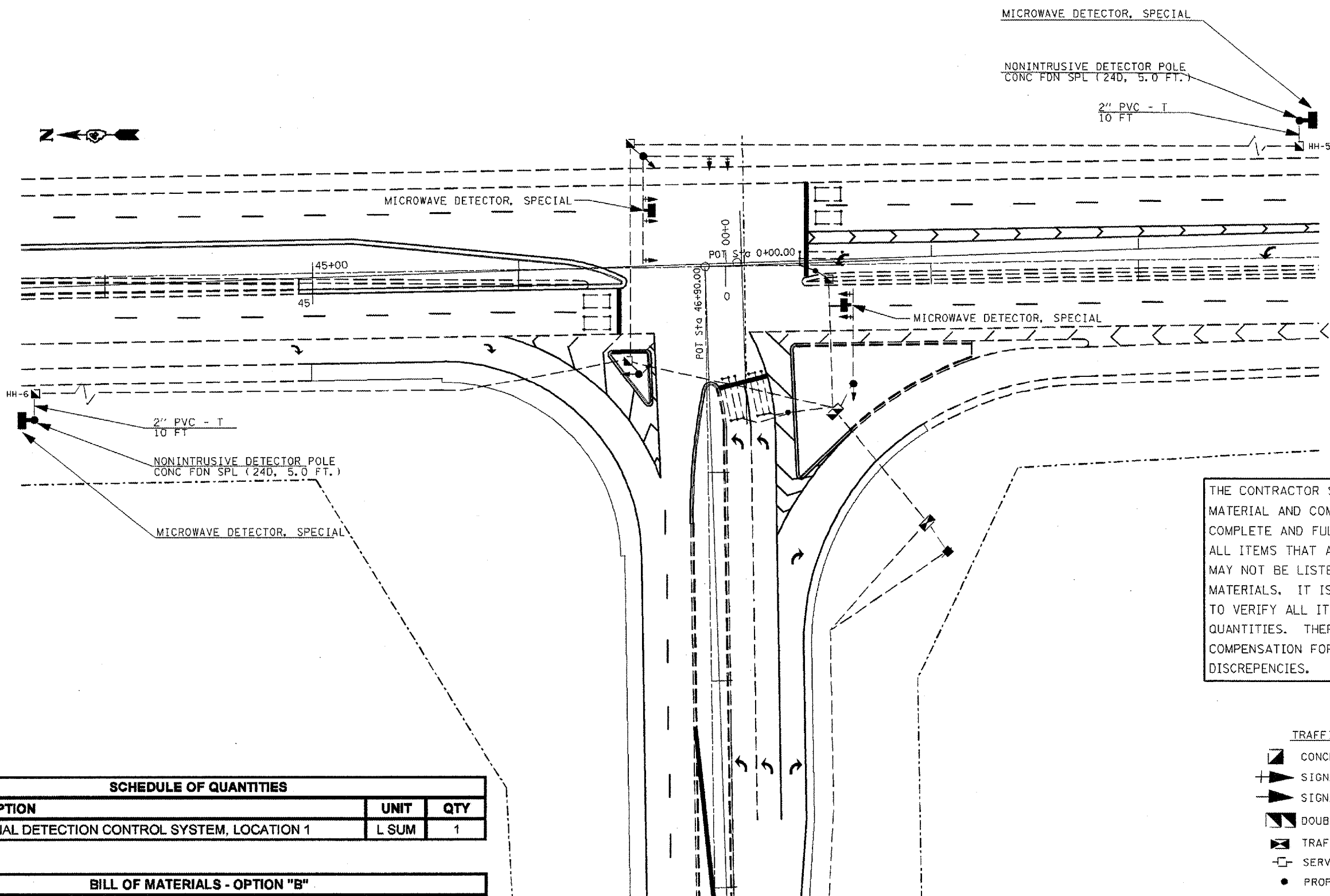
NOT TO SCALE  
TRAFFIC SIGNALS  
SHEET 10 OF 18

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
IL 6 & IL 29  
DETECTION CONTROL SYSTEM  
OPTION "A"  
DETECTOR LOOP SPECIAL DETAIL  
SCALE: VERT. HORIZ.  
DATE  
DRAWN BY  
CHECKED BY

PLOT DATE = 12/17/2007  
 PLOT SCALE = 80.912 / IN.  
 USER NAME = brucebin

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-6-URS	PEORIA	89	64
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



THE CONTRACTOR SHALL FURNISH AND INSTALL ALL MATERIAL AND COMPONENTS REQUIRED FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM. ALL ITEMS THAT ARE REQUIRED FOR INSTALLATION MAY NOT BE LISTED IN THE PROPOSED BILL OF MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL ITEMS AND THEIR RESPECTIVE QUANTITIES. THERE WILL BE NO ADDITIONAL COMPENSATION FOR OMISSIONS AND/OR QUANTITY DISCREPANCIES.

- TRAFFIC SIGNAL LEGEND**
- ▣ CONCRETE HANDHOLE
  - ⊕ SIGNAL HEAD WITH BACKPLATE
  - ▶ SIGNAL HEAD
  - ▣ DOUBLE CONCRETE HANDHOLE
  - ⊠ TRAFFIC SIGNAL CONTROLLER
  - SERVICE INSTALLATION
  - PROP. NONINTRUSIVE DETECTOR POLE

SCHEDULE OF QUANTITIES		
ITEM DESCRIPTION	UNIT	QTY
TRAFFIC SIGNAL DETECTION CONTROL SYSTEM, LOCATION 1	L SUM	1

BILL OF MATERIALS - OPTION "B"		
ITEM DESCRIPTION	UNIT	QTY
CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	20
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	20
MICROWAVE DETECTOR, SPECIAL	EACH	4
NONINTRUSIVE DETECTOR POLE, 30 FT	EACH	2
CONCRETE FOUNDATION, SPL (24" DIA., 5 FT DEPTH)	EACH	2
ELECTRIC CABLE IN CONDUIT (TYPE VARIES)	FOOT	AS REQ'D

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL 6 & IL 29  
 DETECTION CONTROL SYSTEM  
 OPTION "B"  
 PEORIA COUNTY

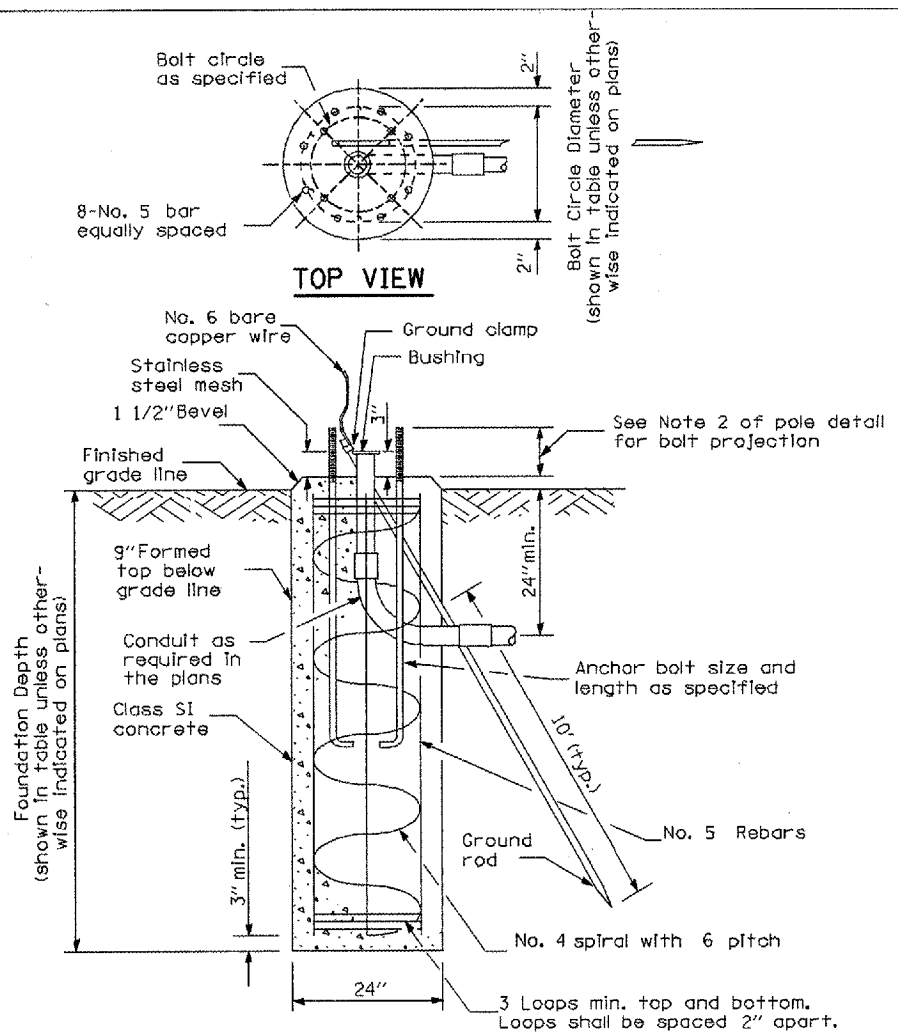
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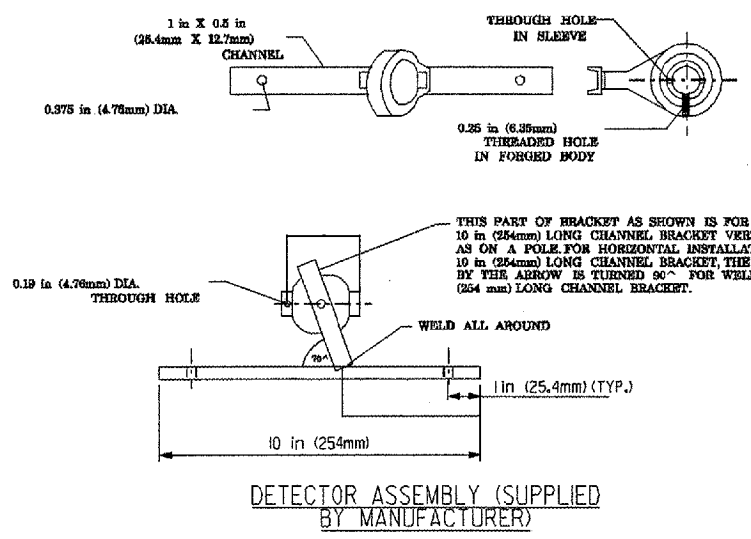


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-URS	PEORIA	89	65
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



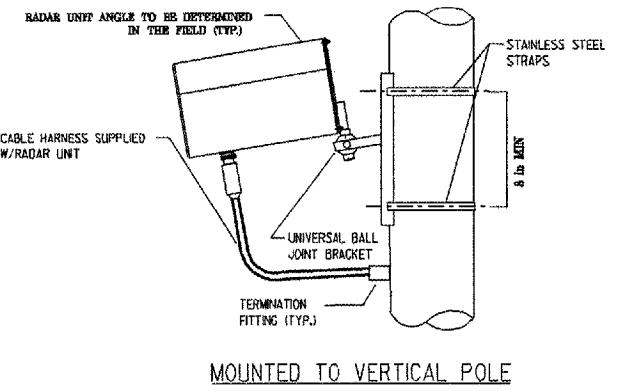
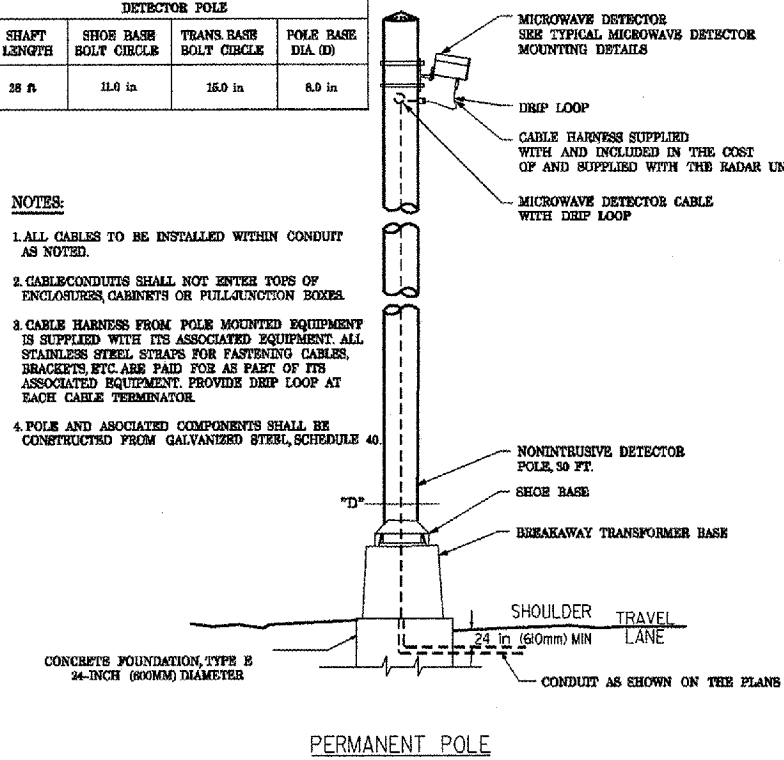
Pole Height	Bolt Circle Diameter	Foundation depth
30'	15.0"	5'-0"

- Notes:**
- The Engineer shall determine the class of soil during excavation. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength ( $Q_u$ ) > 100 kPa (1.0 tsf). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
  - The anchor bolts and raceways shall be properly secured in place.
  - Concrete shall be class "SI" Concrete and the foundation must be cured for ten (10) days before the pole is erected.
  - The cable trench shall be backfilled and firmly compacted before the pole is erected.
  - For sloping grades, the foundation design depth shall be increased by the corresponding cross slope shaft depth increase factor given by:
    - A. Cohesive soil - cross slope shaft increase factor  $0.009 \times (\text{slope angle}) + 1.0$
    - B. Granular soil - cross slope shaft increase factor  $0.00005 \times (\text{slope angle}) + 1.0$
  - Install grounding system in accordance with Section 807 of the IDOT Standard Specifications.

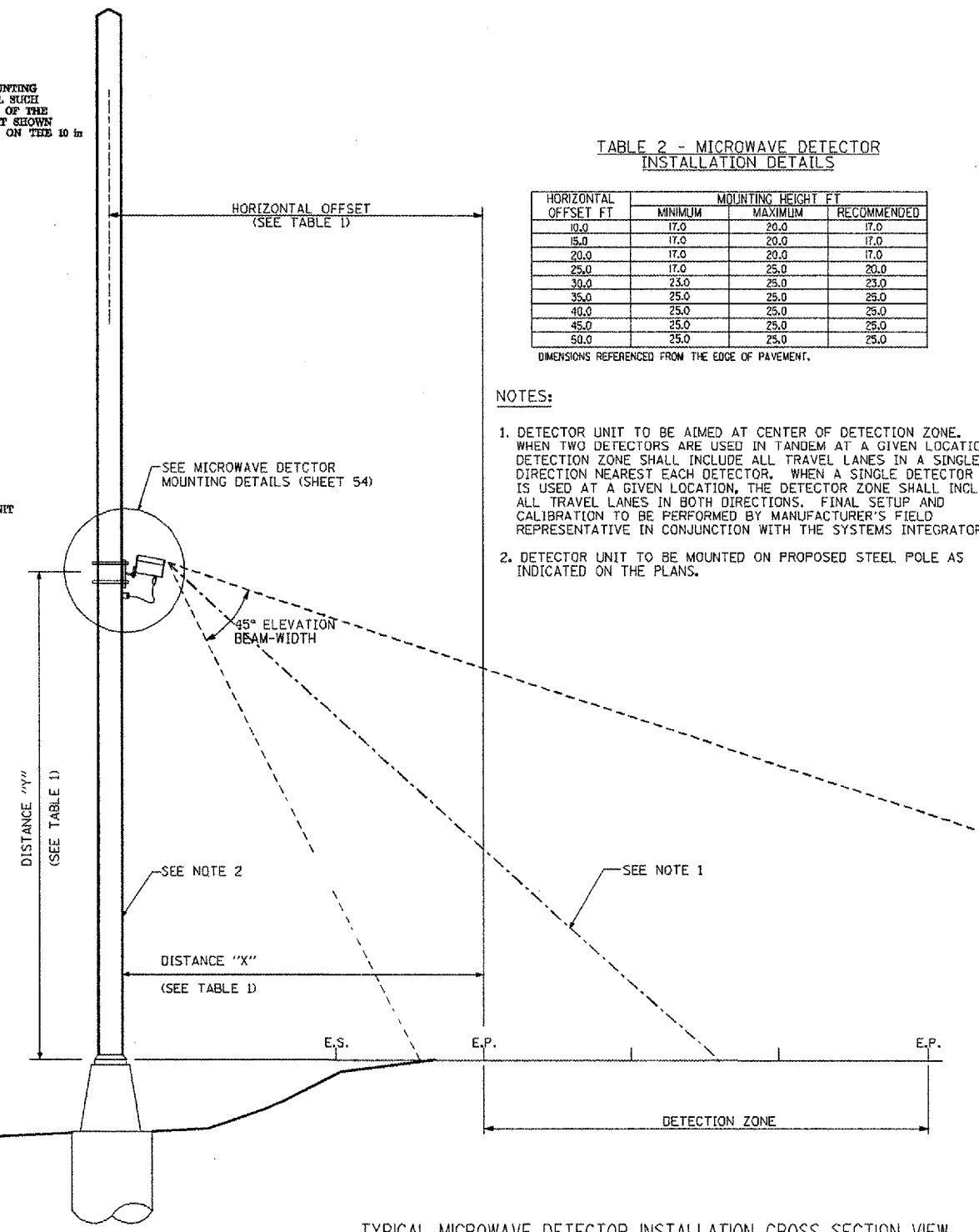


DETECTOR POLE			
SHAFT LENGTH	SHOE BASE BOLT CIRCLE	TRANS BASE BOLT CIRCLE	POLE BASE DIA. (D)
28 ft	11.0 in	15.0 in	8.0 in

- NOTES:**
- ALL CABLES TO BE INSTALLED WITHIN CONDUIT AS NOTED.
  - CABLE CONDUITS SHALL NOT ENTER TOPS OF ENCLOSURES, CABINETS OR PULL/JUNCTION BOXES.
  - CABLE HARNESS FROM POLE MOUNTED EQUIPMENT IS SUPPLIED WITH ITS ASSOCIATED EQUIPMENT. ALL STAINLESS STEEL STRAPS FOR FASTENING CABLES, BRACKETS, ETC. ARE PAID FOR AS PART OF ITS ASSOCIATED EQUIPMENT. PROVIDE DRIP LOOP AT EACH CABLE TERMINATOR.
  - POLE AND ASSOCIATED COMPONENTS SHALL BE CONSTRUCTED FROM GALVANIZED STEEL, SCHEDULE 40.



**MICROWAVE DETECTOR MOUNTING DETAILS**



**TABLE 2 - MICROWAVE DETECTOR INSTALLATION DETAILS**

HORIZONTAL OFFSET FT	MOUNTING HEIGHT FT		
	MINIMUM	MAXIMUM	RECOMMENDED
10.0	17.0	20.0	17.0
15.0	17.0	20.0	17.0
20.0	17.0	20.0	17.0
25.0	17.0	25.0	20.0
30.0	23.0	25.0	23.0
35.0	25.0	25.0	25.0
40.0	25.0	25.0	25.0
45.0	25.0	25.0	25.0
50.0	25.0	25.0	25.0

- NOTES:**
- DETECTOR UNIT TO BE AIMED AT CENTER OF DETECTION ZONE. WHEN TWO DETECTORS ARE USED IN TANDEM AT A GIVEN LOCATION, DETECTION ZONE SHALL INCLUDE ALL TRAVEL LANES IN A SINGLE DIRECTION NEAREST EACH DETECTOR. WHEN A SINGLE DETECTOR IS USED AT A GIVEN LOCATION, THE DETECTOR ZONE SHALL INCLUDE ALL TRAVEL LANES IN BOTH DIRECTIONS. FINAL SETUP AND CALIBRATION TO BE PERFORMED BY MANUFACTURER'S FIELD REPRESENTATIVE IN CONJUNCTION WITH THE SYSTEMS INTEGRATOR.
  - DETECTOR UNIT TO BE MOUNTED ON PROPOSED STEEL POLE AS INDICATED ON THE PLANS.

**TYPICAL MICROWAVE DETECTOR INSTALLATION CROSS SECTION VIEW**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 IL 6 & IL 29  
 DETECTION CONTROL SYSTEM  
 OPTION "B"  
 MICROWAVE DETECTOR DETAILS  
 SCALE: VERT. \_\_\_\_\_ HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_

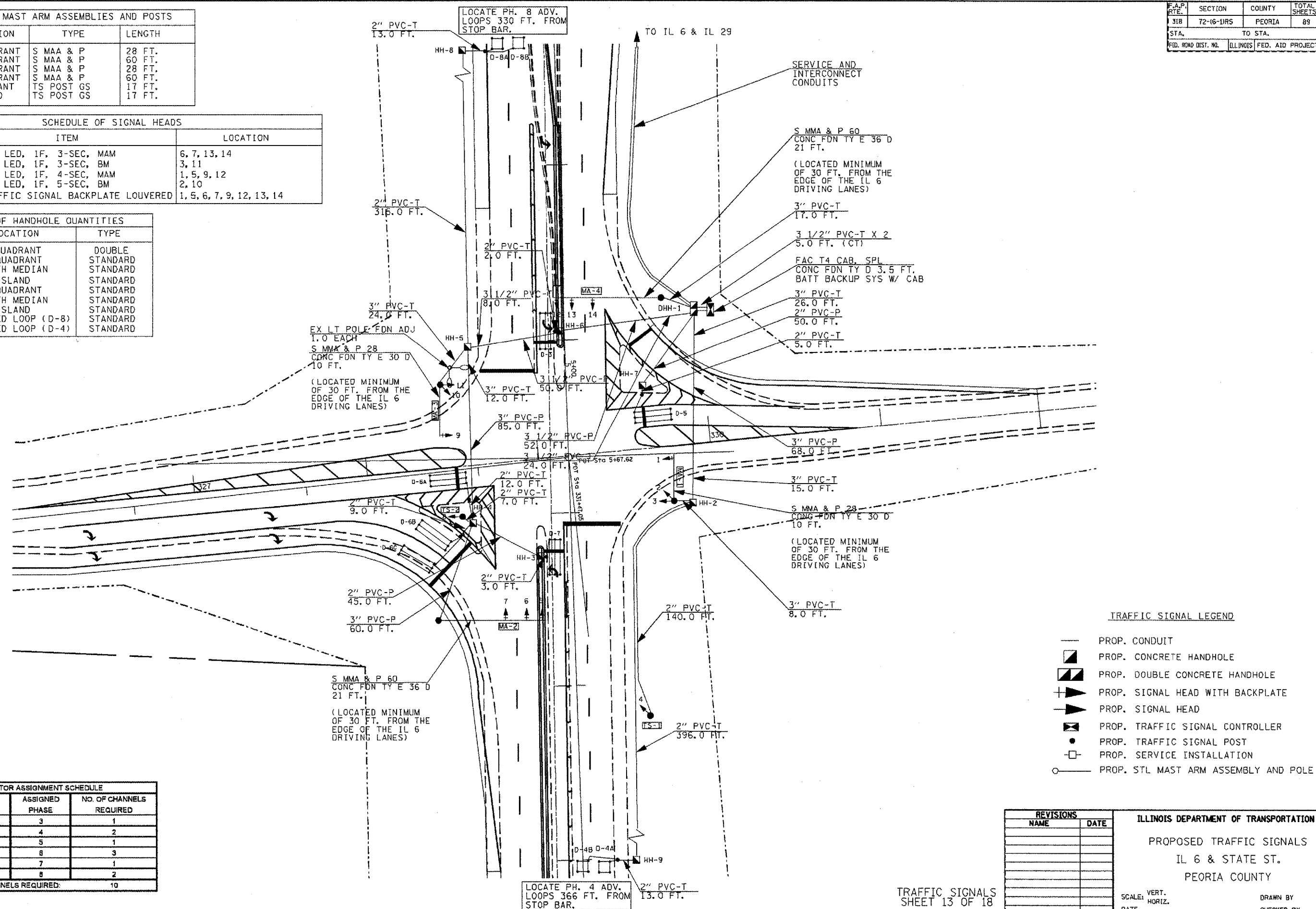
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-1RS	PEORIA	89	66
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

REF.	LOCATION	TYPE	LENGTH
MA-1	SW QUADRANT	S MAA & P	28 FT.
MA-2	NW QUADRANT	S MAA & P	60 FT.
MA-3	NE QUADRANT	S MAA & P	28 FT.
MA-4	SE QUADRANT	S MAA & P	60 FT.
TS-1	SW QUADRANT	TS POST GS	17 FT.
TS-2	NW ISLAND	TS POST GS	17 FT.

QTY	UNIT	ITEM	LOCATION
4.0	EA.	SH, LED, 1F, 3-SEC, MAM	6, 7, 13, 14
2.0	EA.	SH, LED, 1F, 3-SEC, BM	3, 11
4.0	EA.	SH, LED, 1F, 4-SEC, MAM	1, 5, 9, 12
2.0	EA.	SH, LED, 1F, 5-SEC, BM	2, 10
8.0	EA.	TRAFFIC SIGNAL BACKPLATE LOUVERED	1, 5, 6, 7, 9, 12, 13, 14

REF.	LOCATION	TYPE
DHH-1	SE QUADRANT	DOUBLE STANDARD
HH-2	SW QUADRANT	STANDARD
HH-3	SOUTH MEDIAN	STANDARD
HH-4	NW ISLAND	STANDARD
HH-5	NE QUADRANT	STANDARD
HH-6	NORTH MEDIAN	STANDARD
HH-7	SE ISLAND	STANDARD
HH-8	ADVANCED LOOP (D-8)	STANDARD
HH-9	ADVANCED LOOP (D-4)	STANDARD



DETECTOR LOOP	ASSIGNED PHASE	NO. OF CHANNELS REQUIRED
D3	3	1
D-4A, D-4B	4	2
D5	5	1
D-6A, D-6B, D-6C	6	3
D7	7	1
D-8A, D-8B	8	2
TOTAL NUMBER OF CHANNELS REQUIRED:		10

NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TRAFFIC SIGNALS  
 IL 6 & STATE ST.  
 PEORIA COUNTY

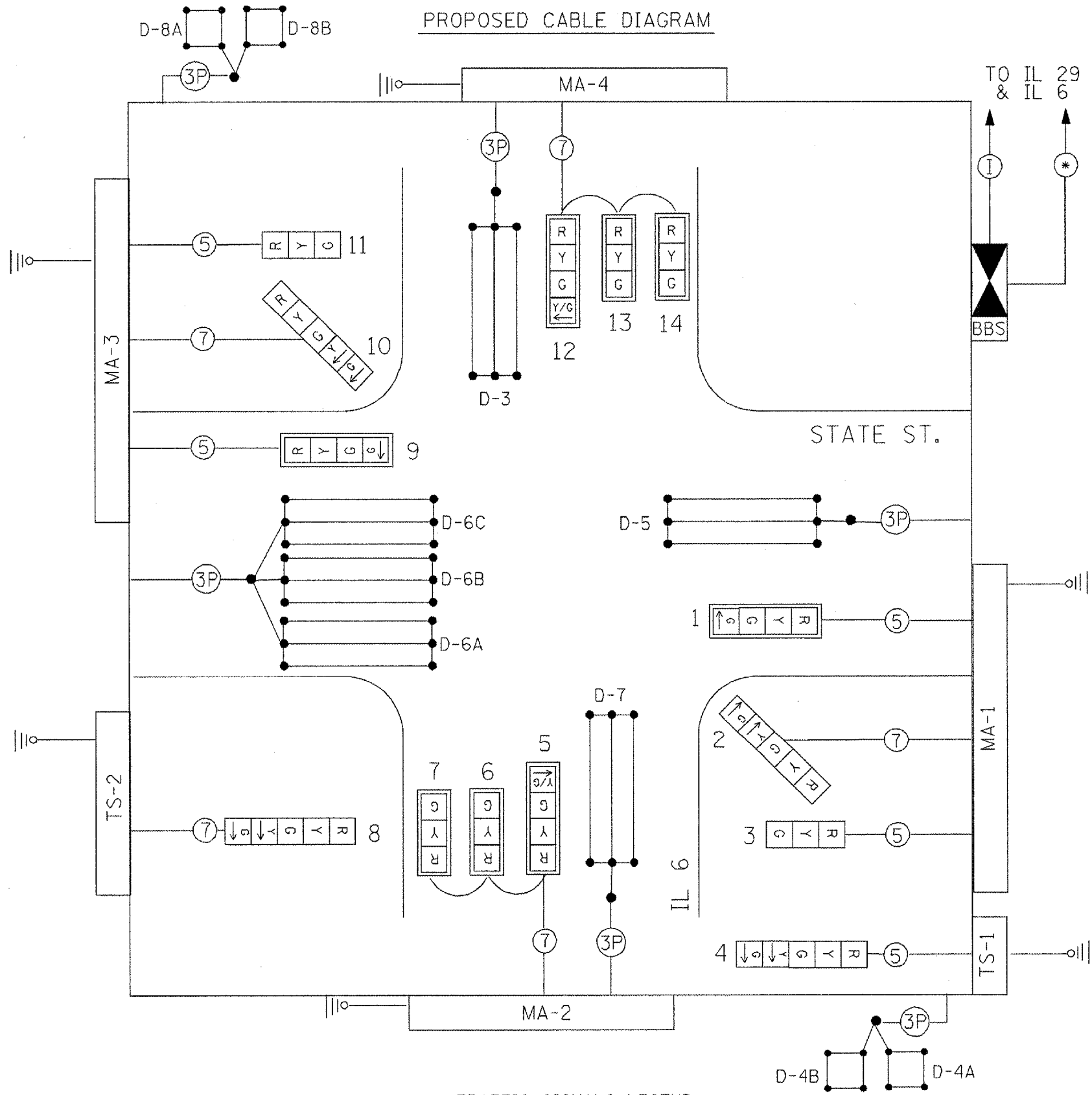
SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

PLOT DATE = 12/17/2007  
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 USER = J. W. BROWN  
 USER MAKE = BRUNNEN

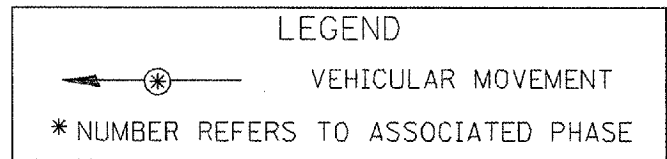
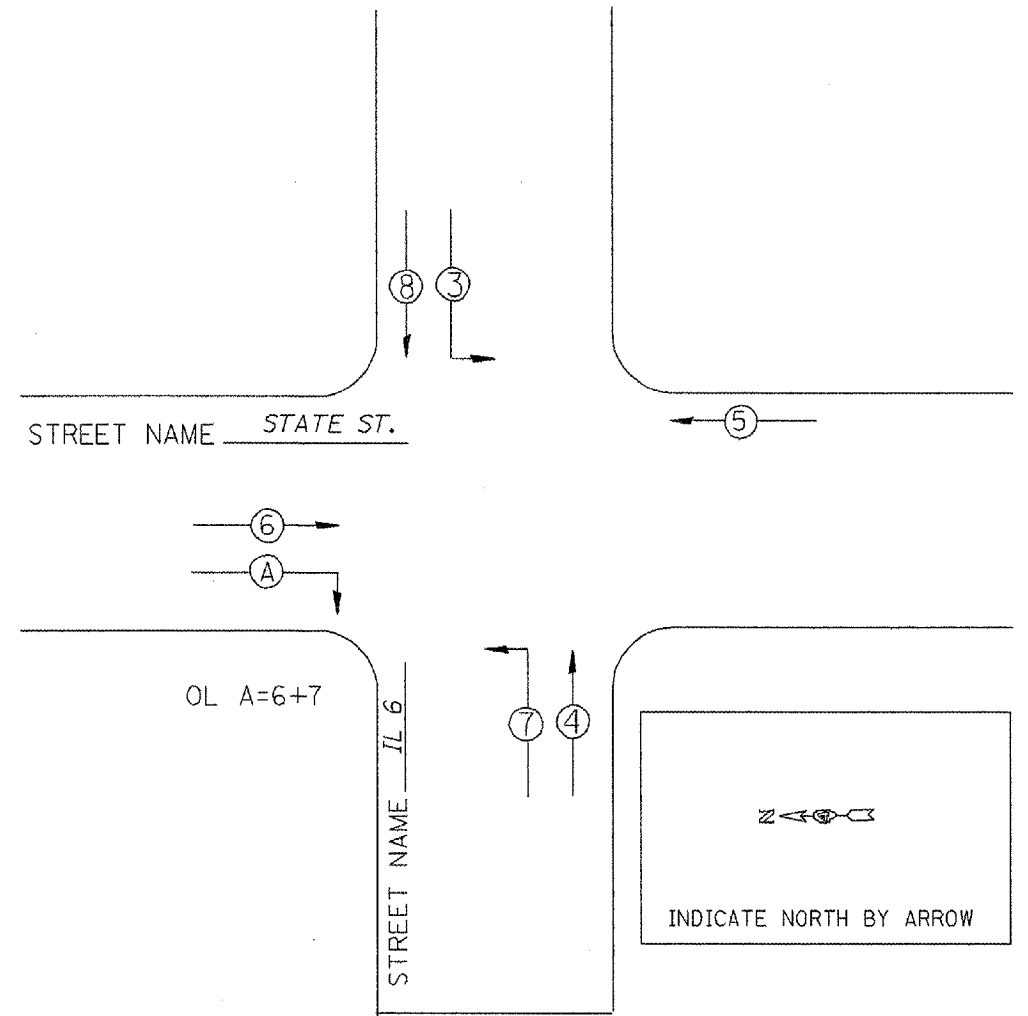
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-6-11RS	PEORIA	89	67
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED CABLE DIAGRAM



PROPOSED PHASE DIAGRAM

NAME OF INTERSECTION IL 6 & STATE ST.  
 PROPOSED CONTROLLER: FULL ACTUATED CONTROLLER (TS-2), TYPE IV CABINET, TS-2 BACKPANEL



TRAFFIC SIGNALS LEGEND

- |  |                               |  |                               |  |                              |
|--|-------------------------------|--|-------------------------------|--|------------------------------|
|  | PROP. CONTROLLER              |  | PROP. 5/C NO. 14 SIGNAL CABLE |  | PROP. SERVICE INSTALLATION   |
|  | PROP. SIGNAL HEAD W/BACKPLATE |  | PROP. 7/C NO. 14 SIGNAL CABLE |  | PROP. INTERCONNECT CABLE     |
|  | PROP. SIGNAL HEAD             |  | PROP. (1/C NO. 6) X 3         |  | PROP. DETECTOR LOOP (6'X50') |

REVISIONS	
NAME	DATE

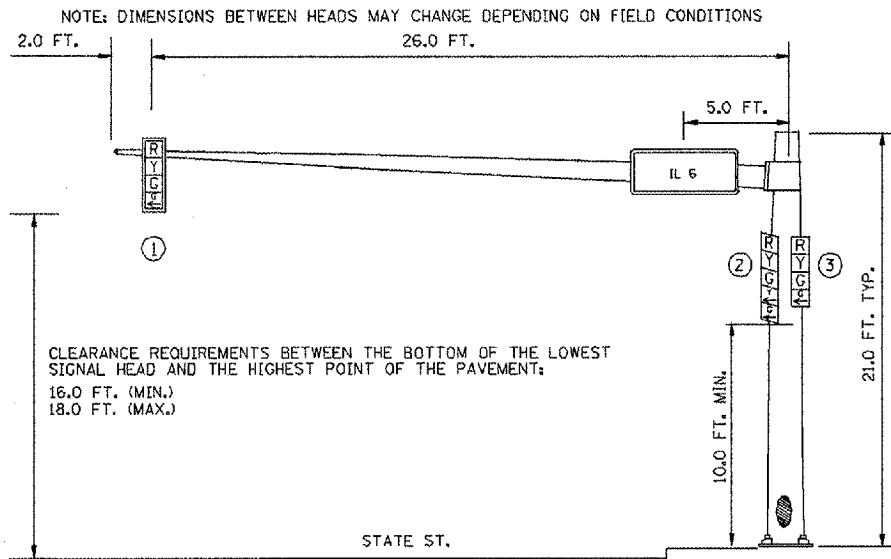
ILLINOIS DEPARTMENT OF TRANSPORTATION  
 PROPOSED TRAFFIC SIGNAL  
 PHASE AND CABLE DIAGRAMS  
 IL 6 & STATE ST.  
 PEORIA COUNTY

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

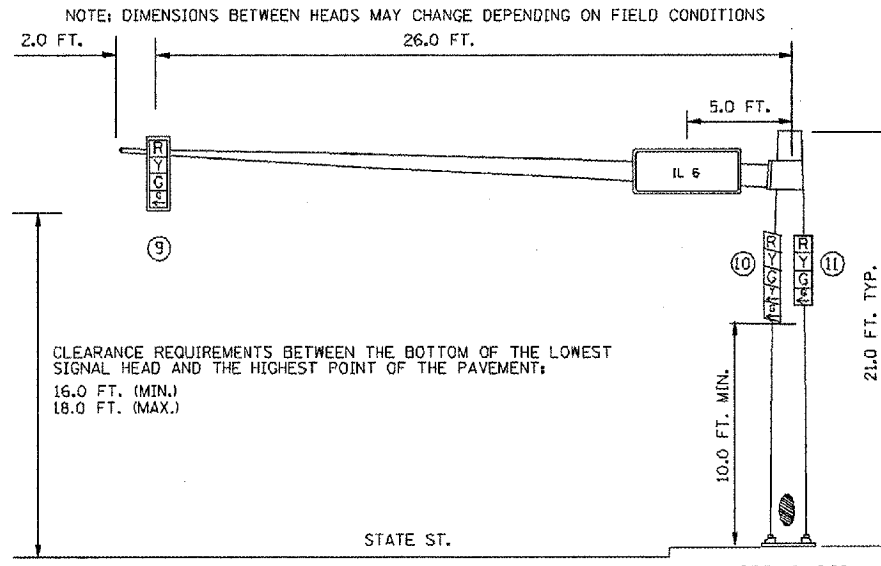
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LIT DATE = 12/17/2007  
 LIT SCALE = 1/8" = 100'  
 SER NAME = bruceba

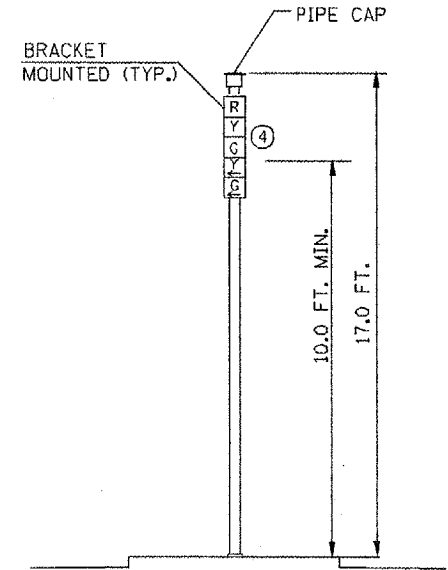
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STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



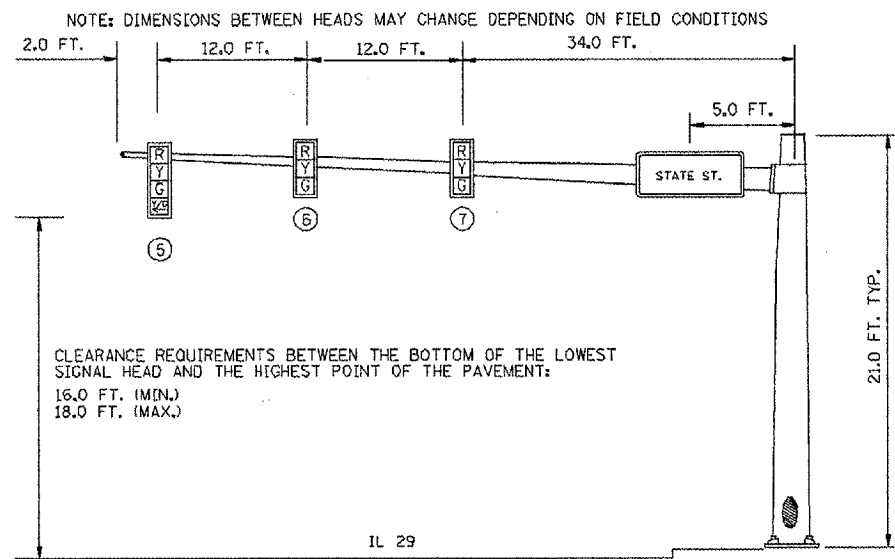
**SOUTHBOUND TRAFFIC SIGNAL**  
**SOUTHWEST CORNER OF IL 29 & STATE**



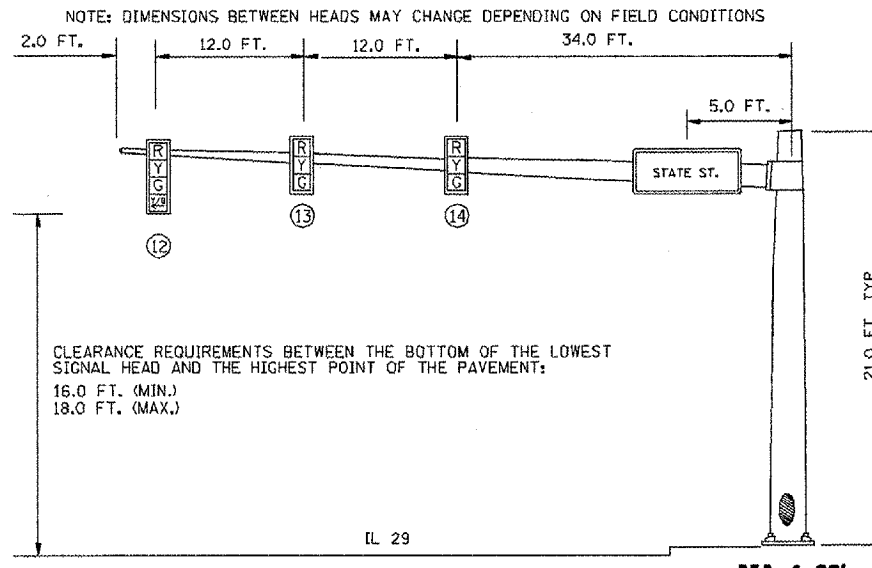
**NORTHBOUND TRAFFIC SIGNAL**  
**NORTHEAST CORNER OF IL 29 & STATE**



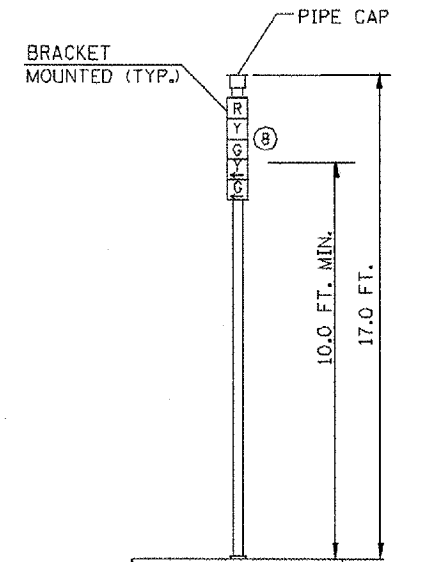
**TS-1**  
**TRAFFIC SIGNAL POST**  
**SOUTHWEST CORNER OF IL 29 & STATE**



**WESTBOUND TRAFFIC SIGNAL**  
**NORTHEAST CORNER OF IL 29 & STATE**



**EASTBOUND TRAFFIC SIGNAL**  
**SOUTHEAST CORNER OF IL 29 & STATE**

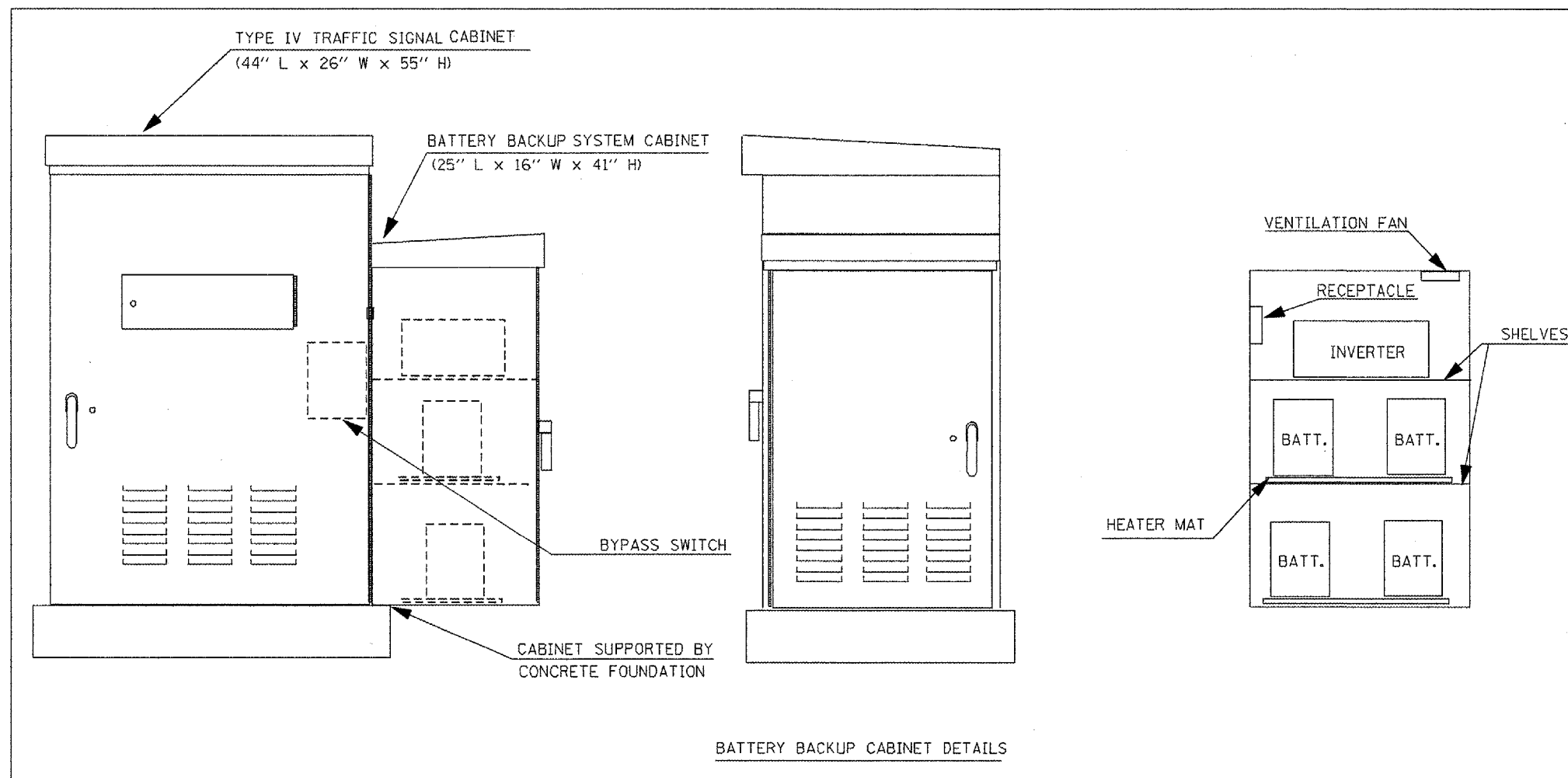


**TS-2**  
**TRAFFIC SIGNAL POST**  
**NORTHWEST CORNER OF IL 29 & STATE**

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION PROPOSED TRAFFIC SIGNAL MAST ARM AND POST DETAILS IL 6 & STATE ST. PEORIA COUNTY
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

PLOT DATE = 12/17/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = brucebm

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
31B	72-16-10RS	PEORIA	89	69
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



**NOTES**

1. THE BATTERY BACKUP SYSTEM CABINET SHALL BE A NEMA TYPE 3R CABINET WITH MINIMUM OUTSIDE DIMENSIONS OF 41" (H) X 25" (W) X 16" (D). THE CABINET SHALL BE EQUIPPED WITH A THREE POINT LATCHING MECHANISM, TWO SHELVES, THERMOSTATICALLY CONTROLLED VENTILATION FAN, AND A POWER RECEPTACLE. THE CABINET SHALL BE MOUNTED TO THE SIDE OF THE EXISTING TYPE IV CABINET WITH THE BOTTOM OF THE CABINET SUPPORTED BY THE CONCRETE FOUNDATION.
2. ALL CABINET LIGHTS, HEATER STRIPS, VENTILATION FANS, AND SERVICE RECEPTACLES SHALL BE BYPASSED WHEN THE BATTERY BACKUP UNIT IS OPERATING IN BATTERY MODE.
3. THE BATTERY BACKUP UNITS CONTACTS SHALL BE WIRED TO PROVIDE LOCAL CONTROLLER ALARMS (AS AVAILABLE IN THE EXISTING CABINETS).
4. THE BYPASS SWITCH SHALL BE INSTALLED IN THE TYPE IV CABINET.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

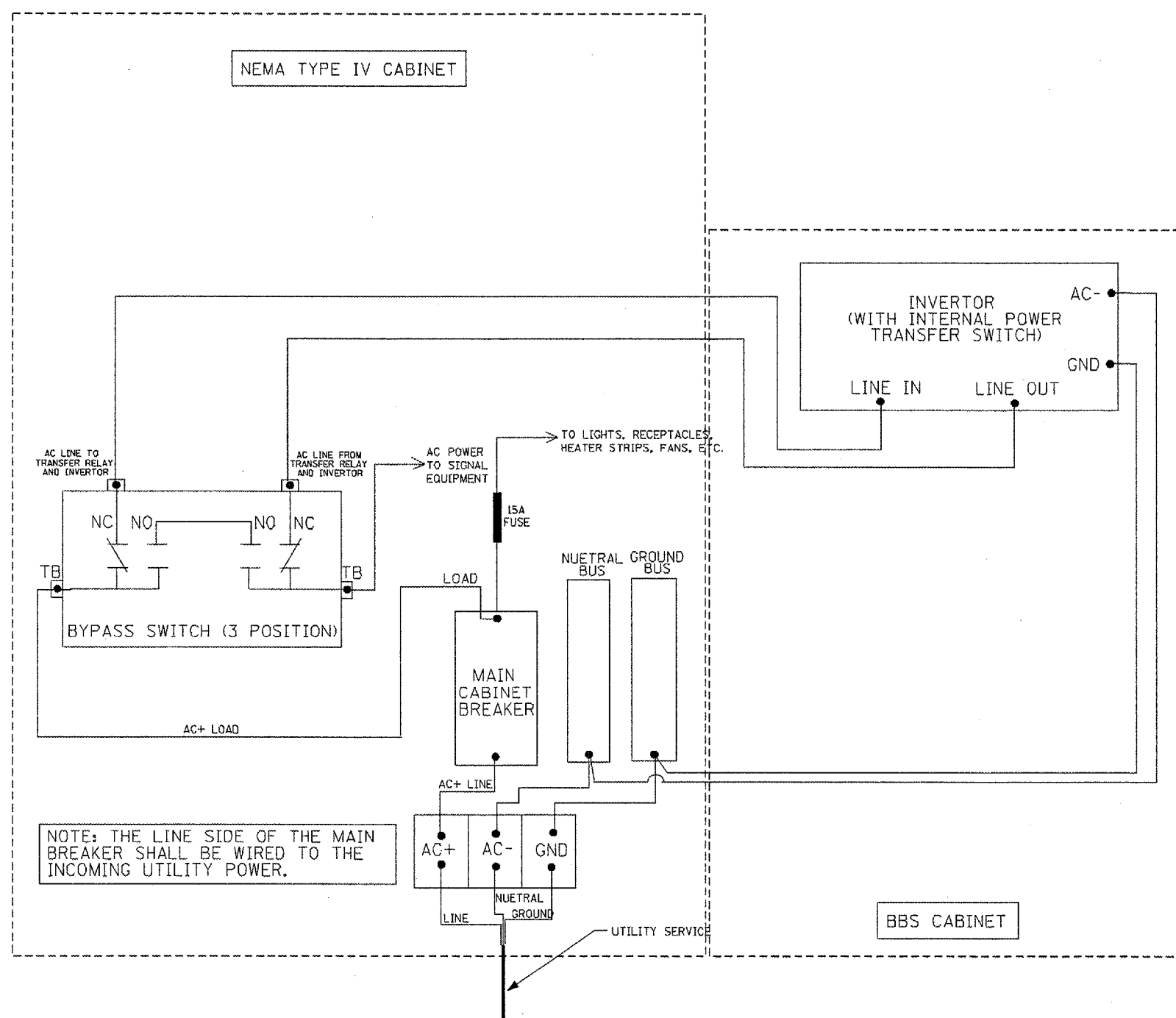
BATTERY BACKUP SYSTEM  
CABINET DETAILS

SCALE: VERT.  
HORIZ.  
DATE

DRAWN BY  
CHECKED BY

PLOT DATE = 12/17/2007  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = BruceB

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-16-11RS	PEORIA	89	70
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



NOTE: THE LINE SIDE OF THE MAIN BREAKER SHALL BE WIRED TO THE INCOMING UTILITY POWER.

REVISIONS	
NAME	DATE

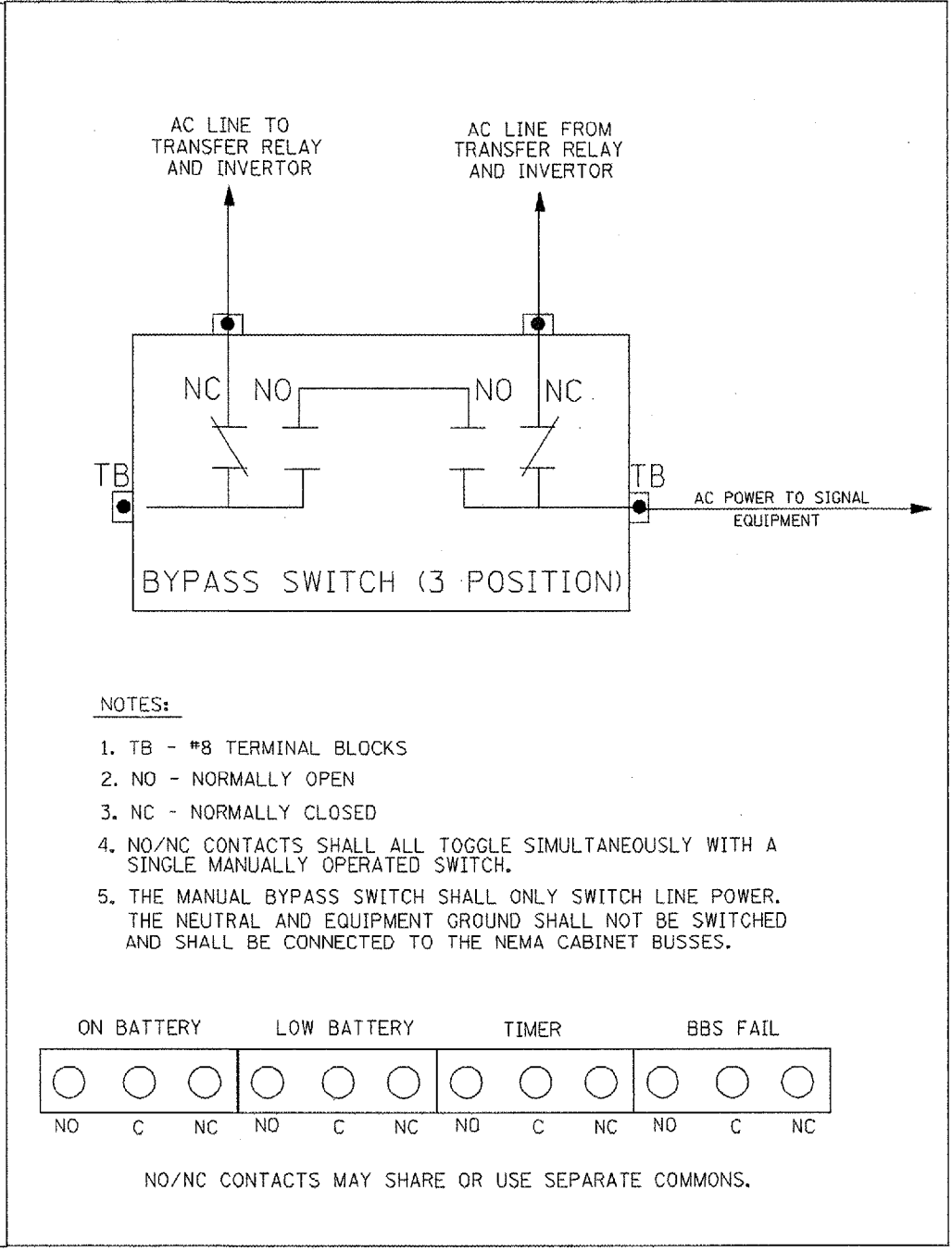
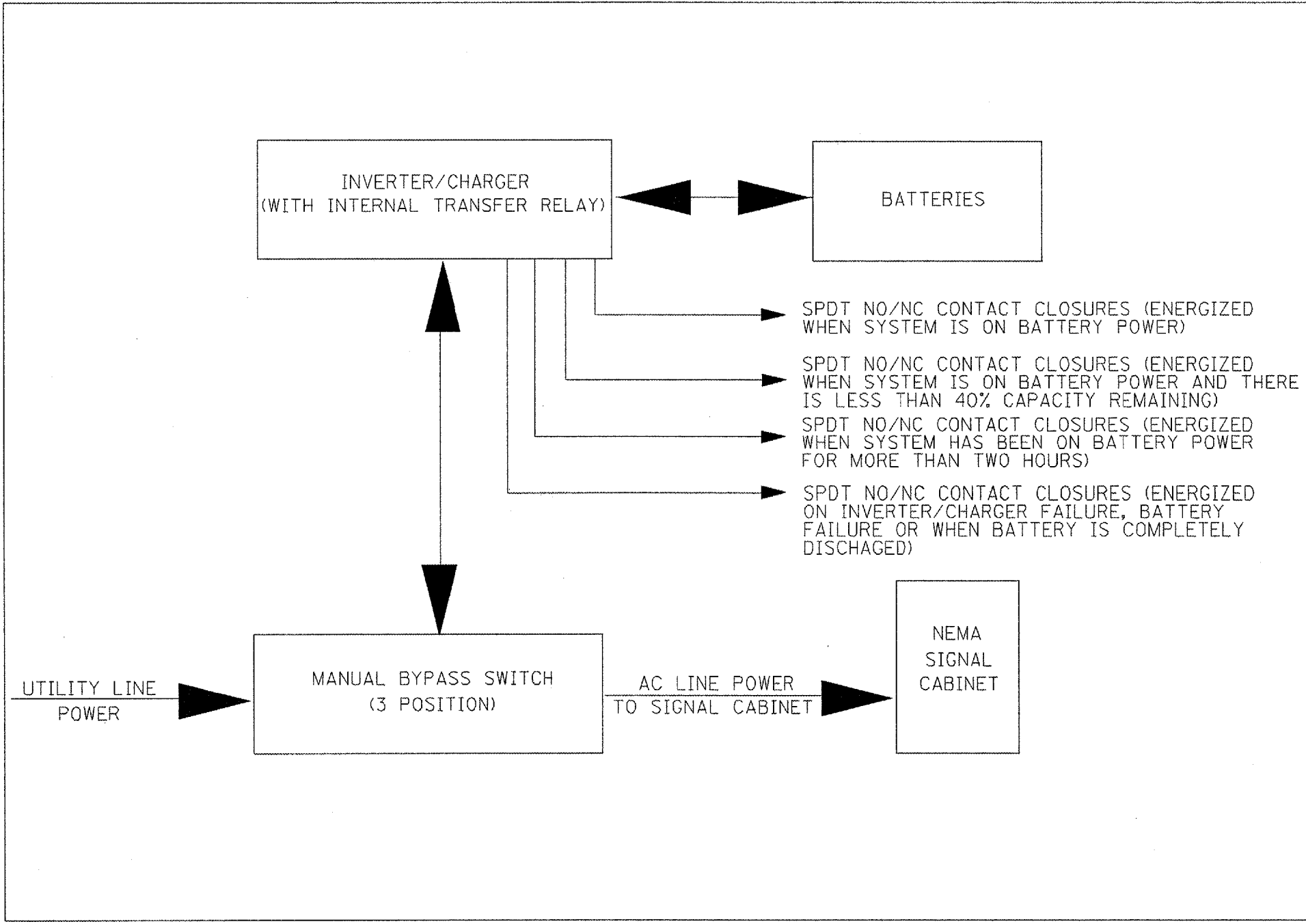
ILLINOIS DEPARTMENT OF TRANSPORTATION

BATTERY BACKUP SYSTEM  
CABINET WIRING DIAGRAM

SCALE: VERT.      DRAWN BY  
          HORIZ.      CHECKED BY  
DATE

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 USER NAME = Bredin

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
318	72-6-URS	PEORIA	89	71
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BATTERY BACKUP SYSTEM  
BLOCK DIAGRAM  
BYPASS SWITCH DIAGRAM

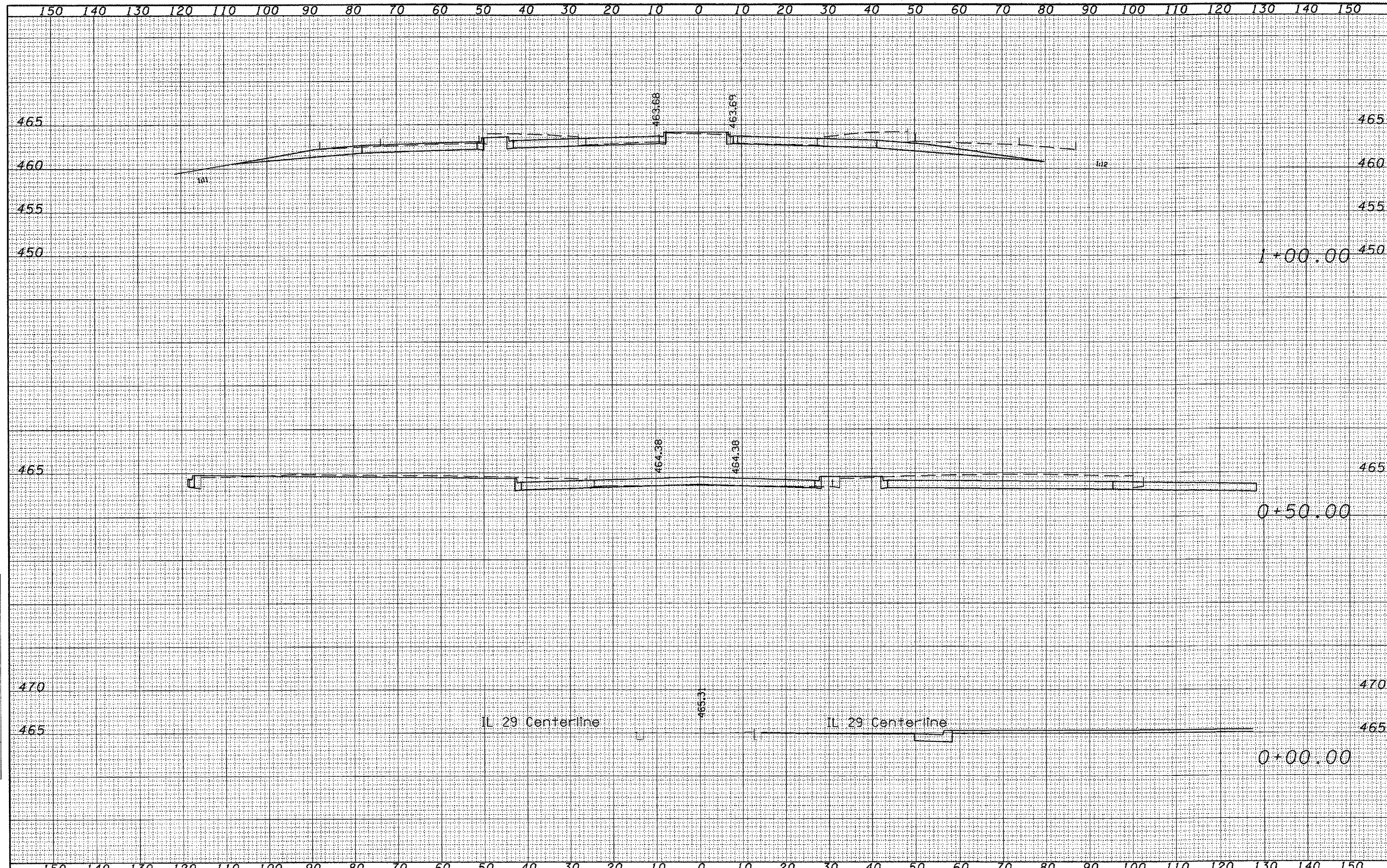
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HORIZ. \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_

PLOT DATE = 12/17/2007  
 PLOT SCALE = 1/2" = 1'-0"  
 USER NAME = bruce

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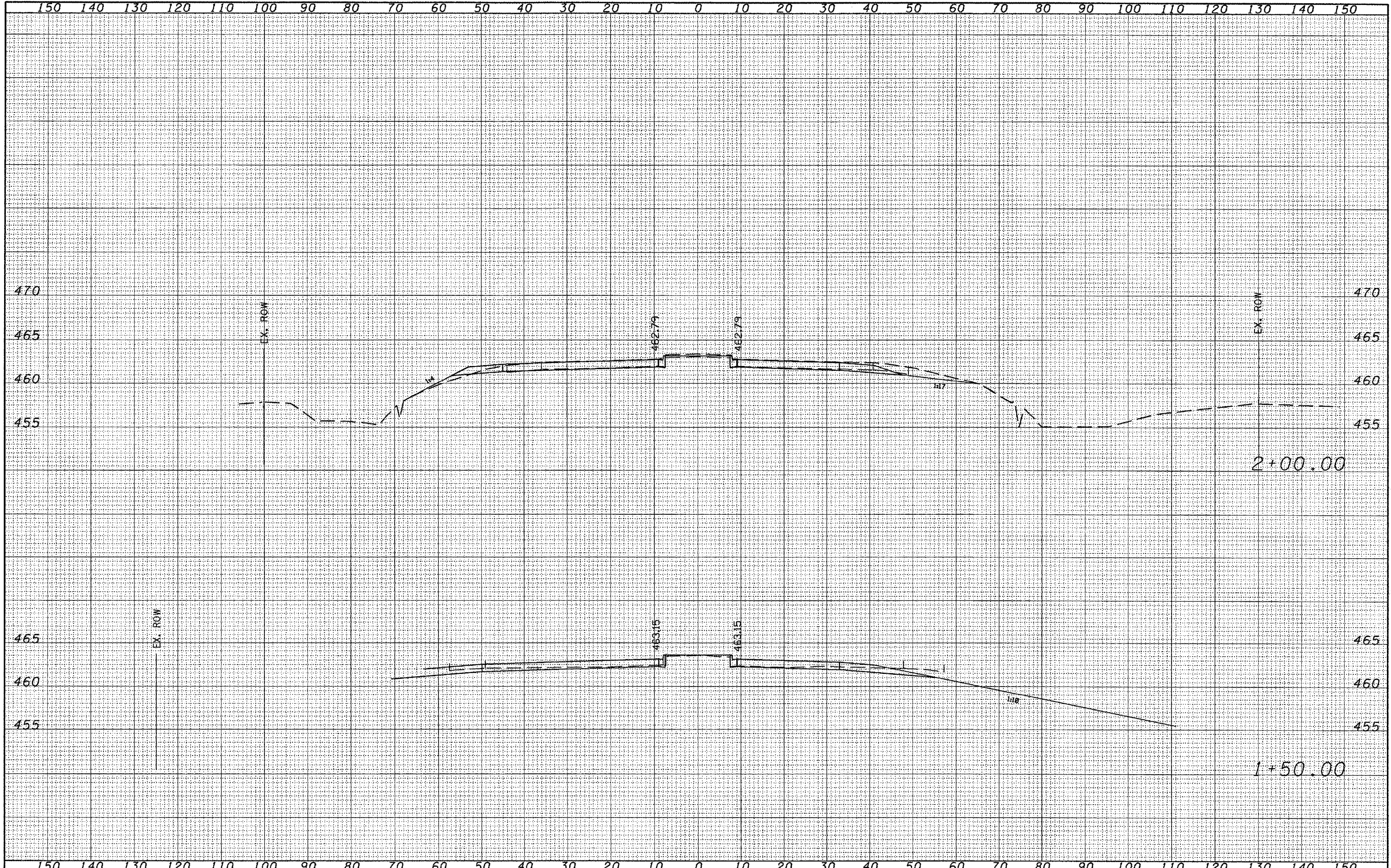
DATE	
BY	
ORIGINAL SURVEY	
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PLOTTED	
TEMPLATE	
AREAS	
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FINAL SURVEY	DATE
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SURVEYED	
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TEMPLATE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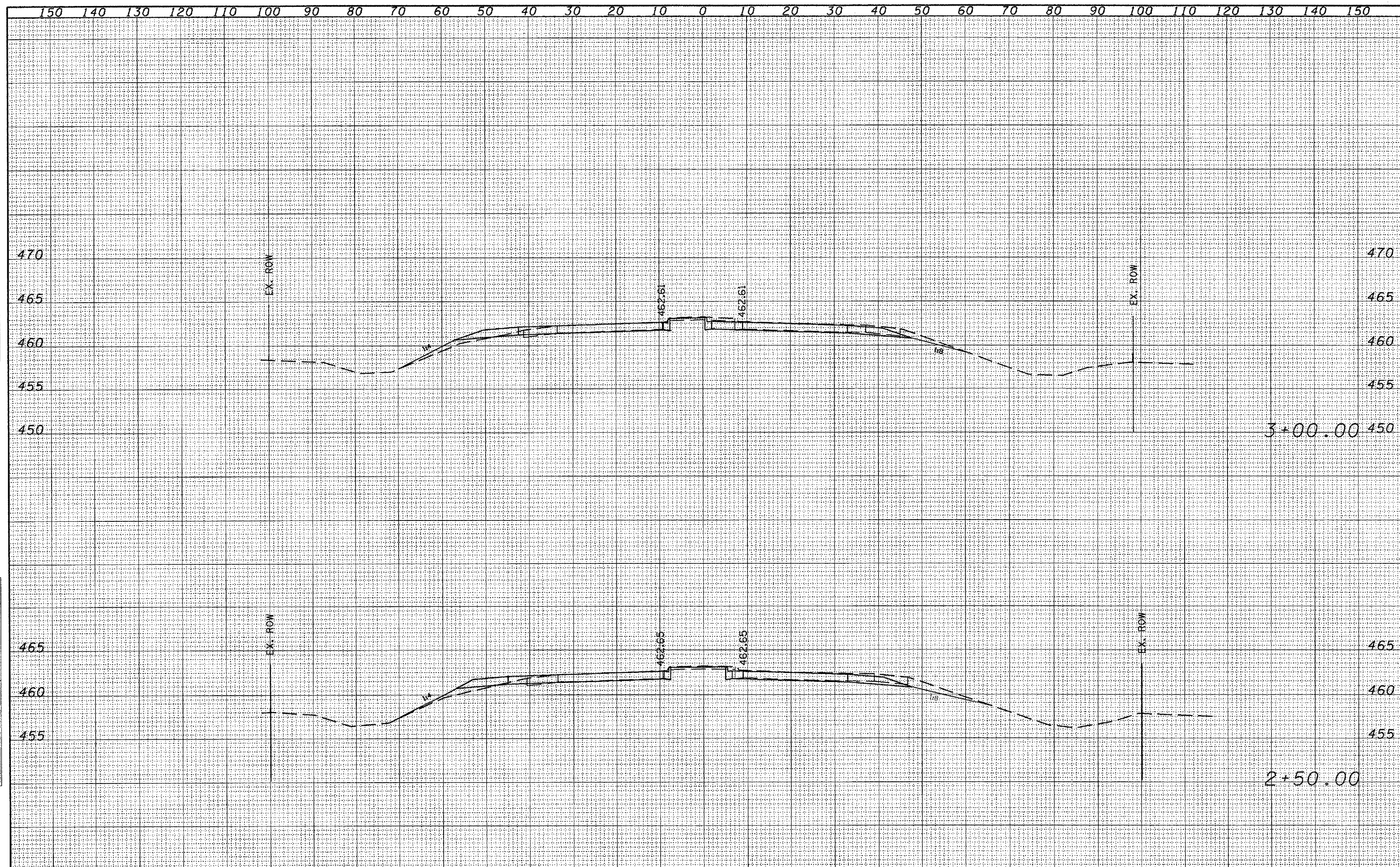
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SURVEYED	
PLANNED	
TEMPLATE	
AREAS	
AREAS CHECKED	
NOTE BOOK	
NO.	



FILE NAME =	USER NAME = brucebm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 6 MAINLINE</b>			FA. 318.	SECTION	COUNTY	TOTAL SHEET				
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	PLOT DATE = 12/17/2007	DATE -	REVISED -								FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

DATE	
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FINAL SURVEY	
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NOTE BOOK	
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AREAS CHECKED	

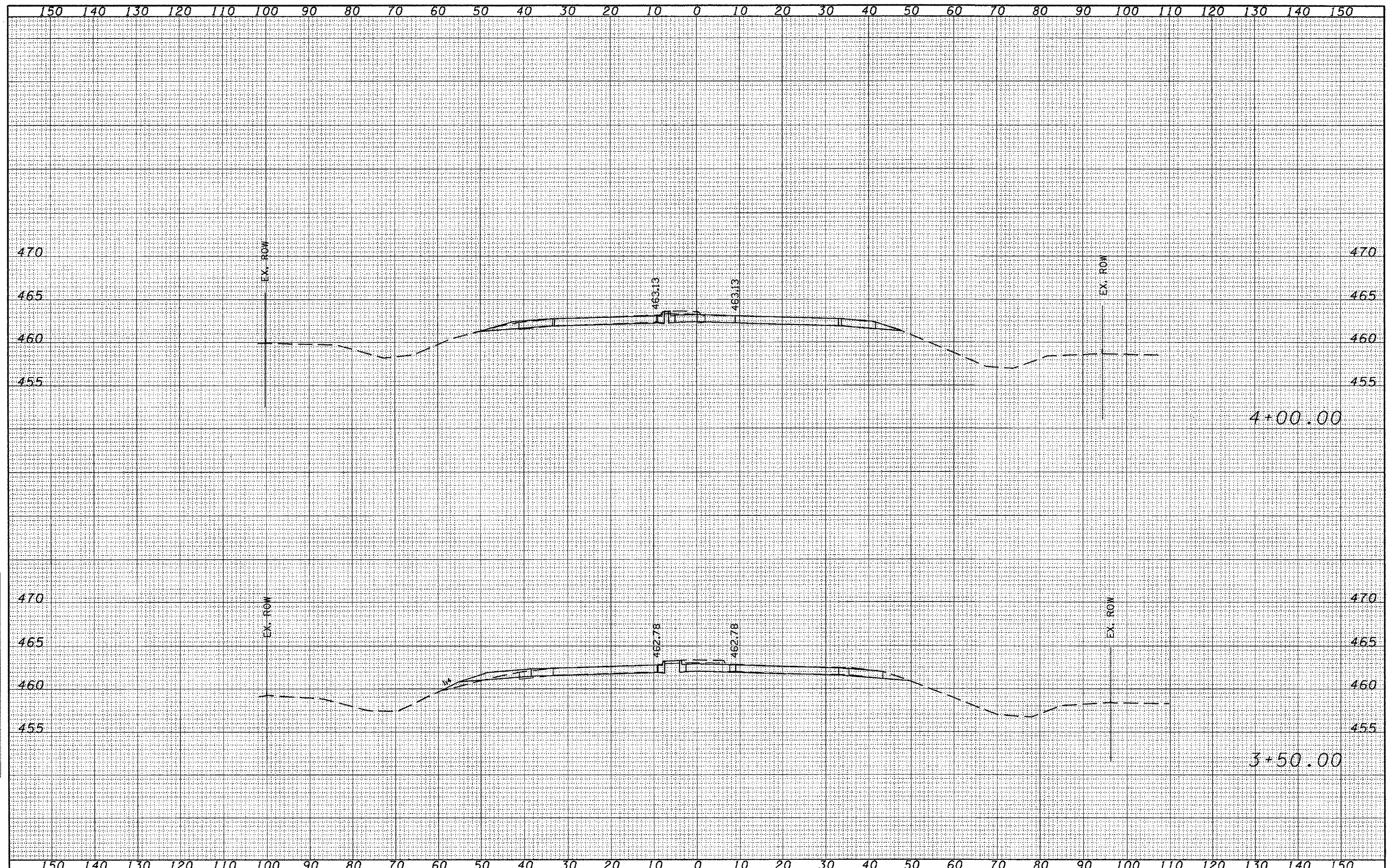
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BY	
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PLOTTED	
NOTE BOOK	
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AREAS CHECKED	



FILE NAME =	USER NAME = brucebn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 6 MAINLINE</b>			FRA. 318.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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		CHECKED -	REVISED -												
		DATE -	REVISED -												
														CONTRACT NO. 68110	
														FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	

FINAL SURVEY	BY	DATE
REVISED SURVEY		
NOTE BOOK NO.		
TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
REVISED SURVEY		
NOTE BOOK NO.		
TEMPLATE AREAS CHECKED		

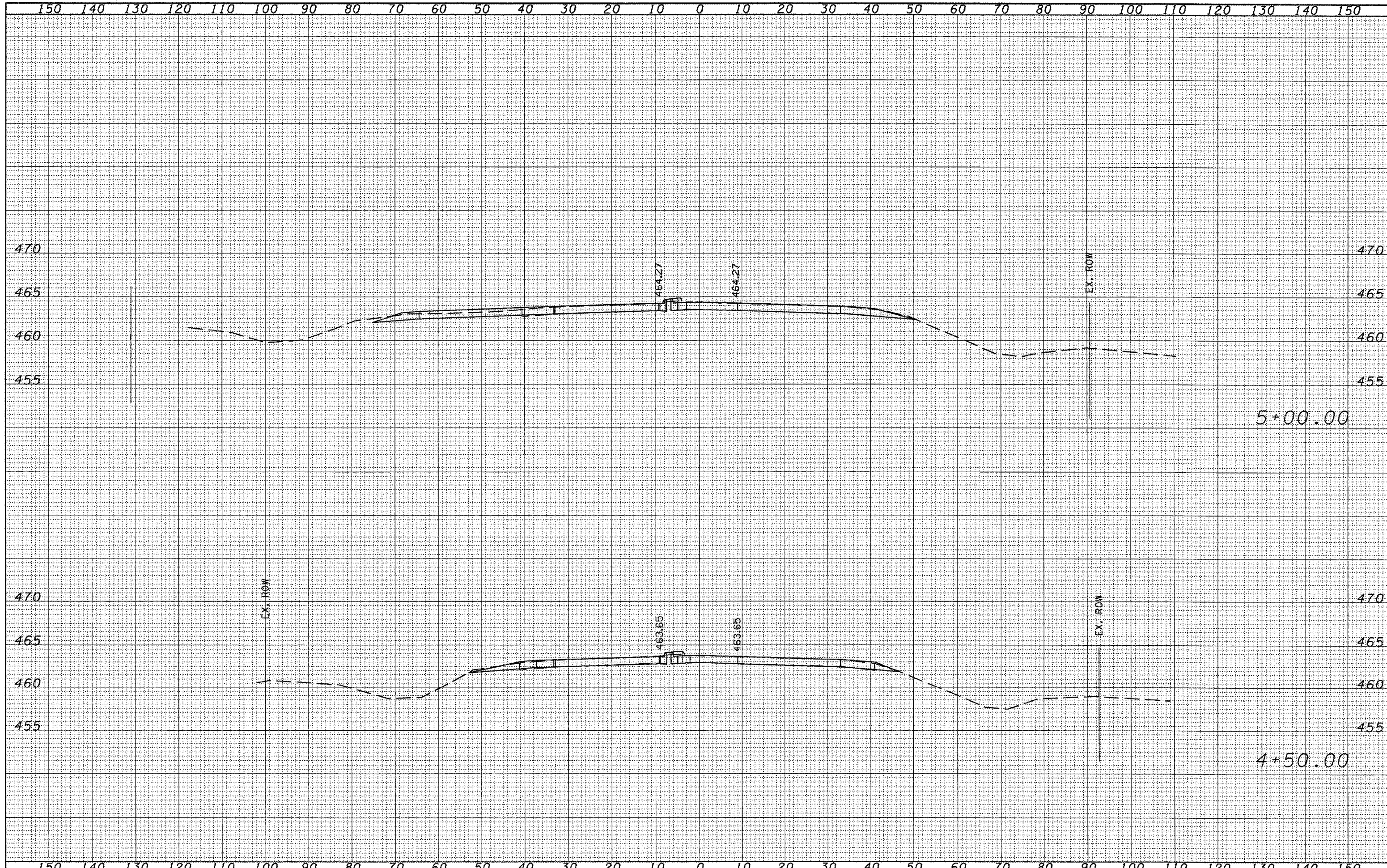


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		CHECKED -	REVISED -												
		DATE -	REVISED -												

FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
CONTRACT NO. 68110	

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

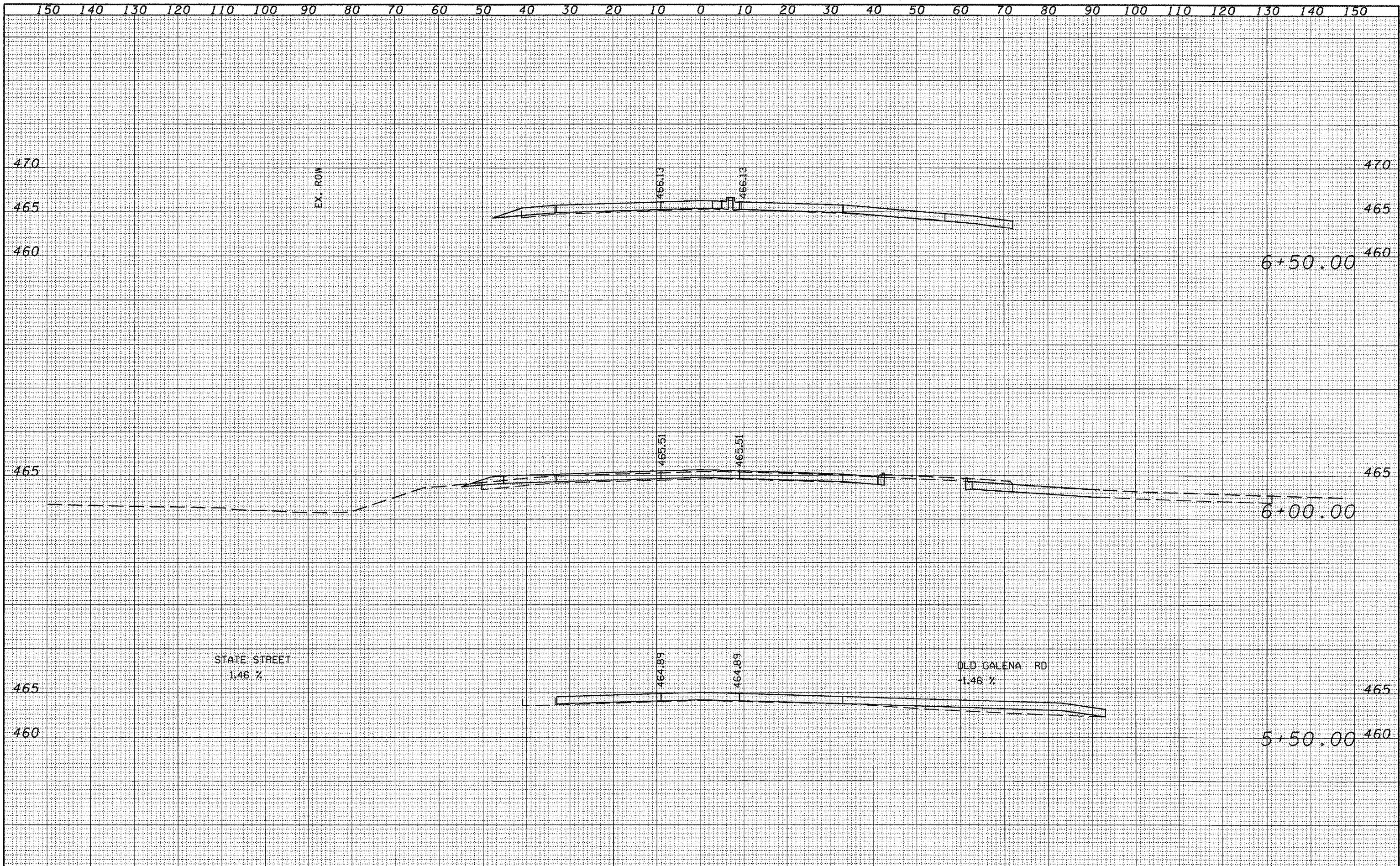
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FILE NAME =	USER NAME = brucebm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 6 MAINLINE</b>			FED. 318.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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											CONTRACT NO. 68110			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

FINAL SURVEY	DATE
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ORIGINAL SURVEY	DATE
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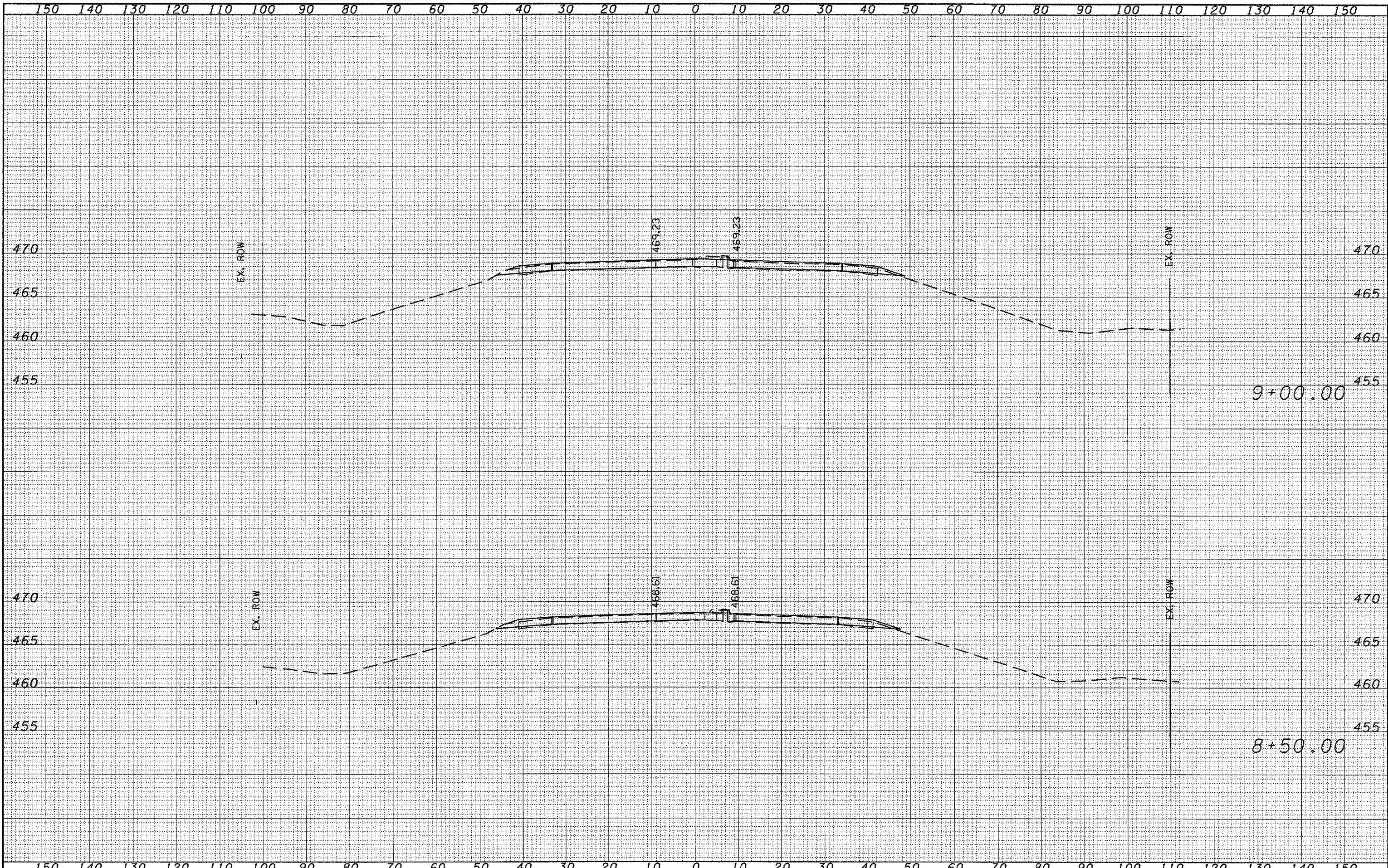
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		CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT								
		DATE -	REVISED -													





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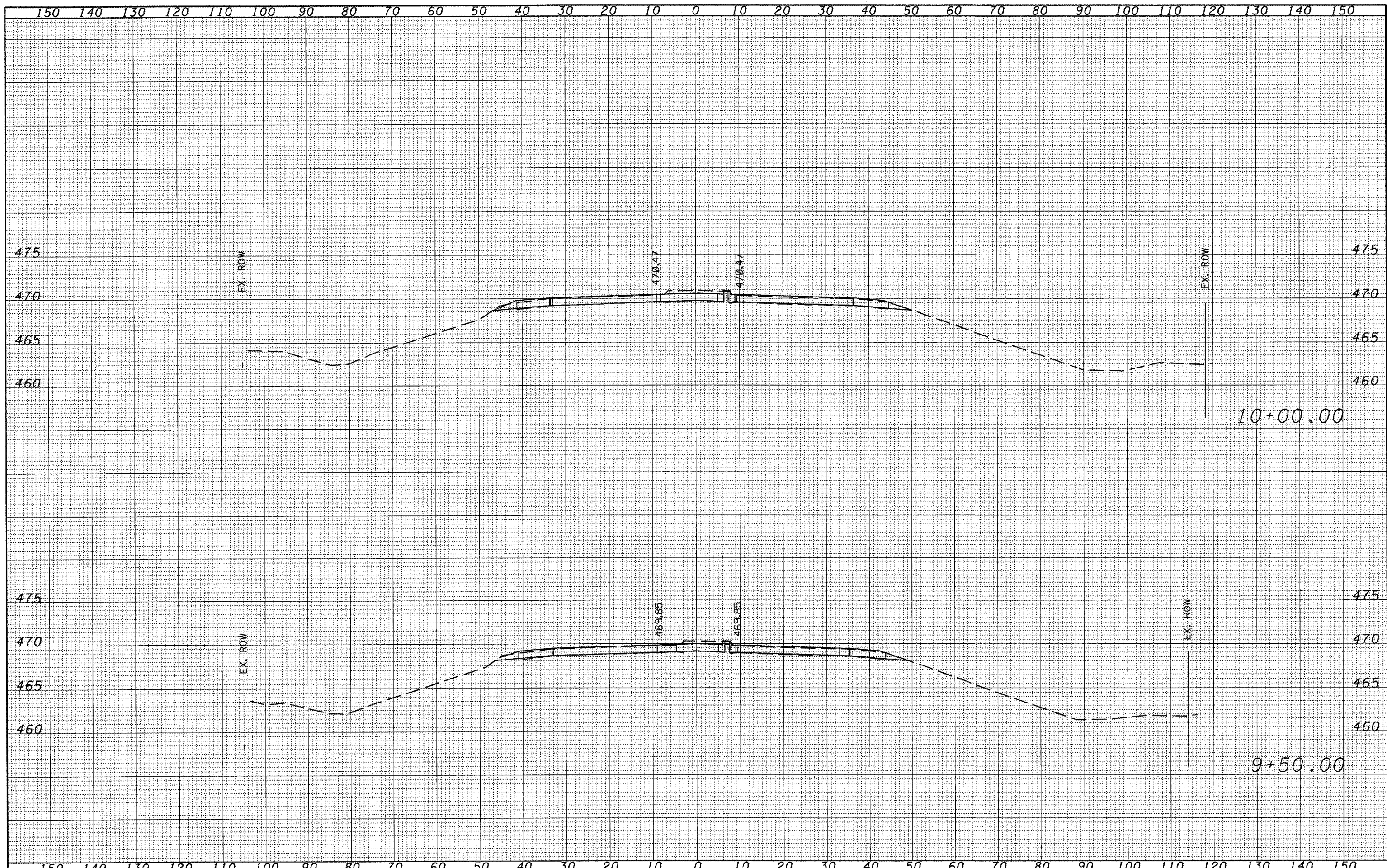


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PLOT DATE = 12/17/2007		DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				



FINAL SURVEY	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
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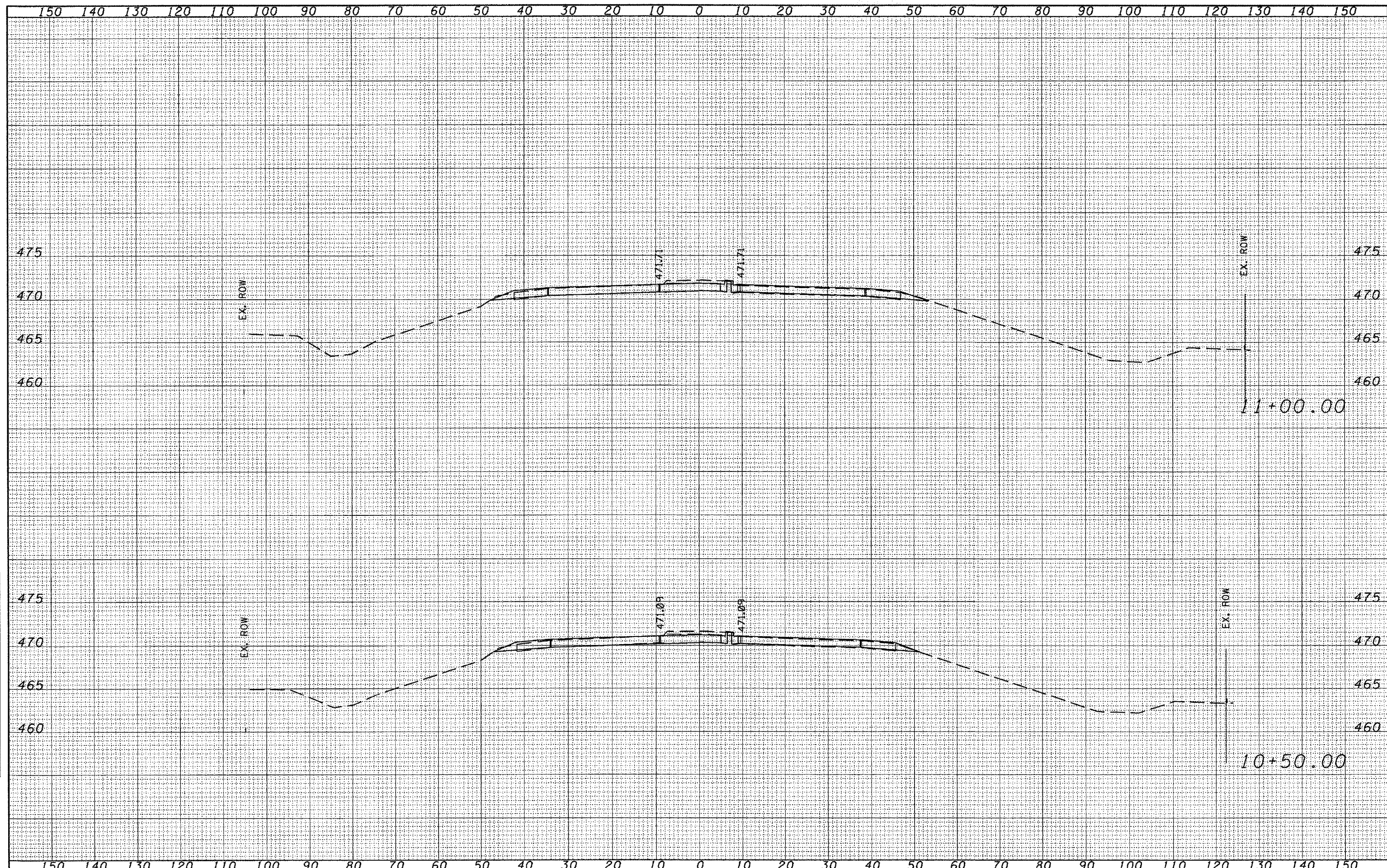
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FILE NAME =	USER NAME = brucebm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 6 MAINLINE</b>			FRA 318	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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		DATE -	REVISED -								FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SUBMITTED	BY	DATE
NOTE BOOK	PLOTTED		
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	AREAS		
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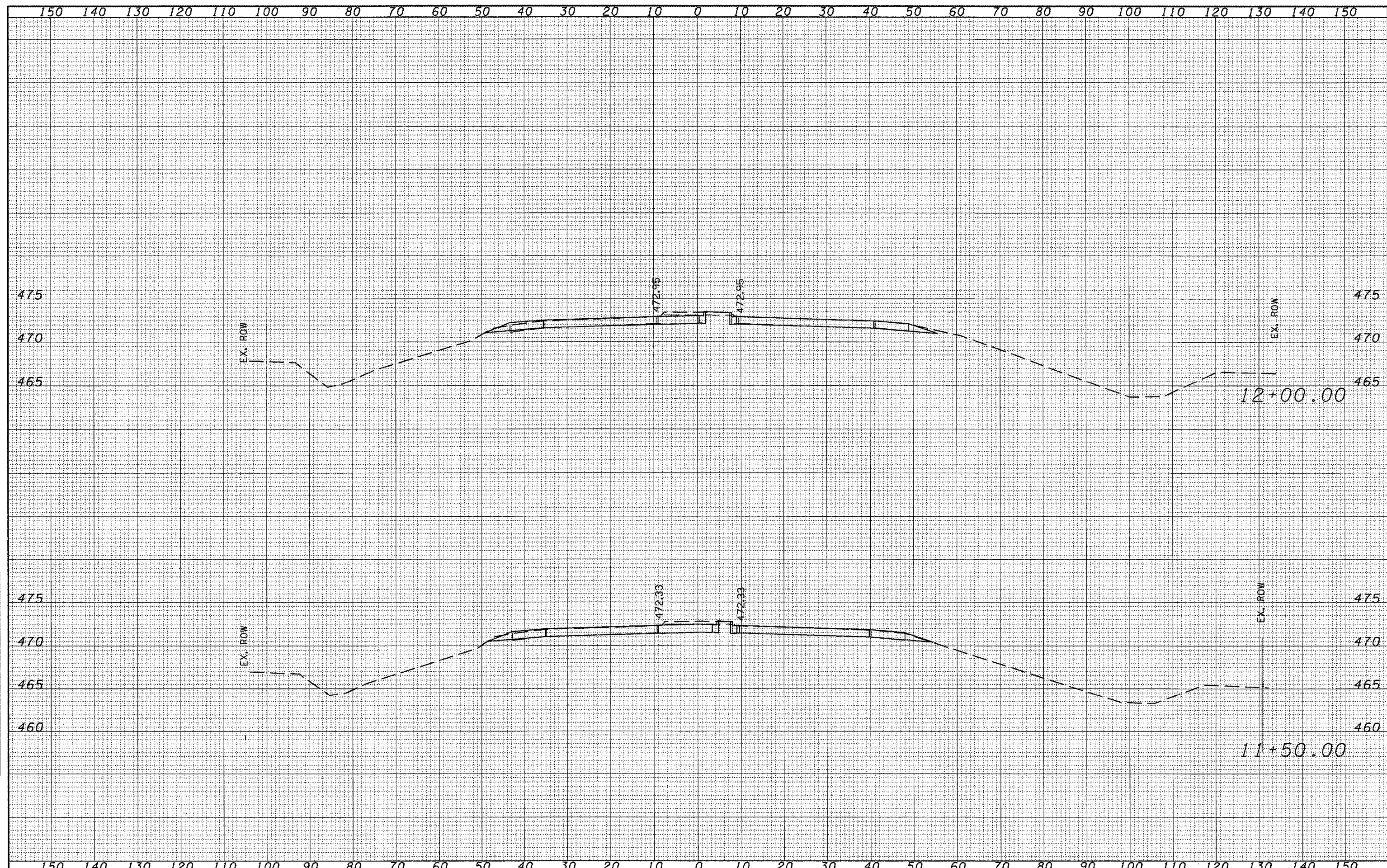
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
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FILE NAME =	USER NAME = brucebm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 6 MAINLINE</b>			FED. 318	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -		STA. 10+50.00	TO STA. 11+00.00	FED. ROAD DIST. NO.	(ILLINOIS) FED. AID PROJECT	CONTRACT NO. 68110				
		DATE -	REVISED -										

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NOTE BOOK	

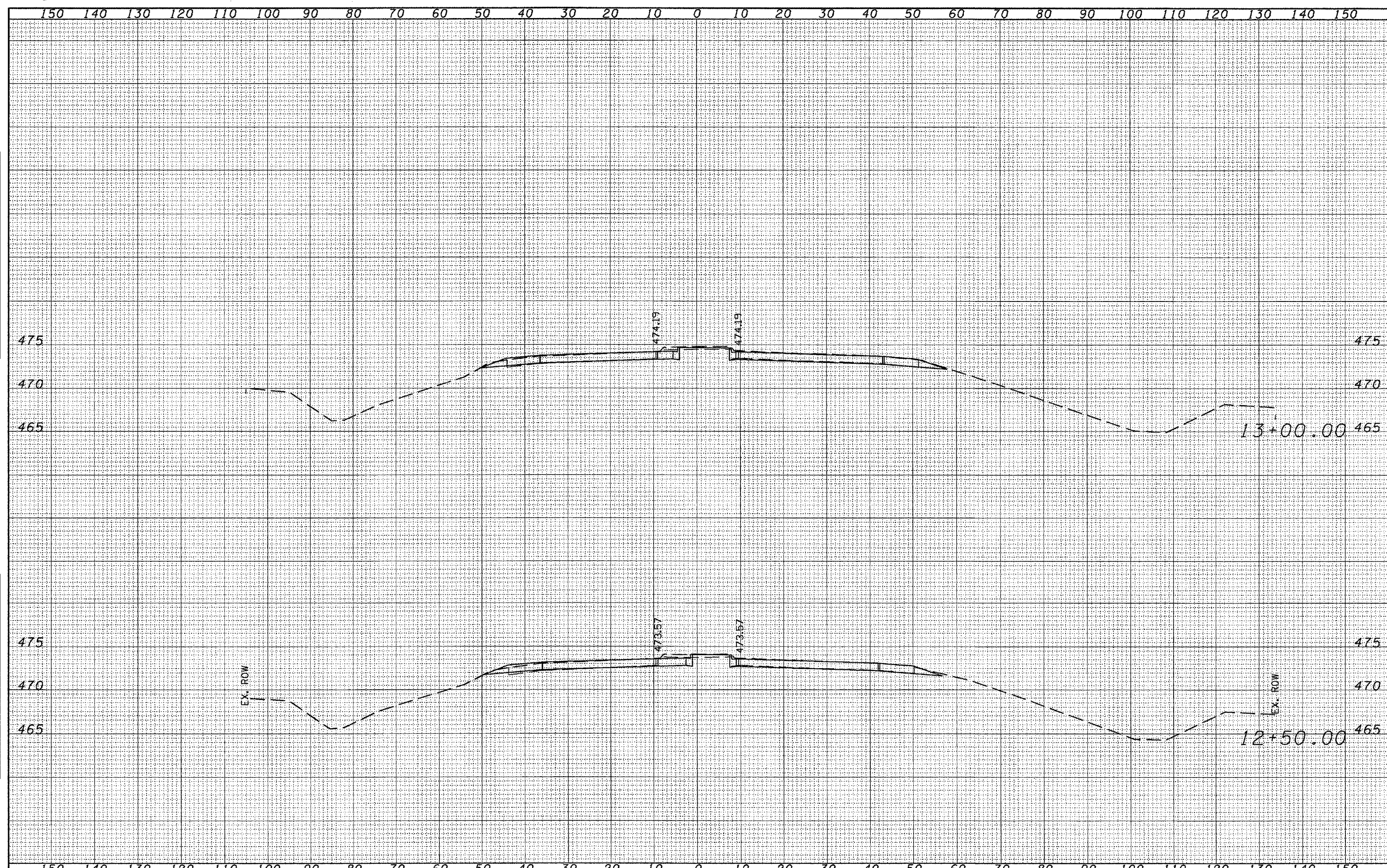
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NOTE BOOK	



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PLOT SCALE = 20.0000 / IN.		CHECKED -	REVISED -			FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT							
PLOT DATE = 12/17/2007		DATE -	REVISED -													

DATE	
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DESIGNED	
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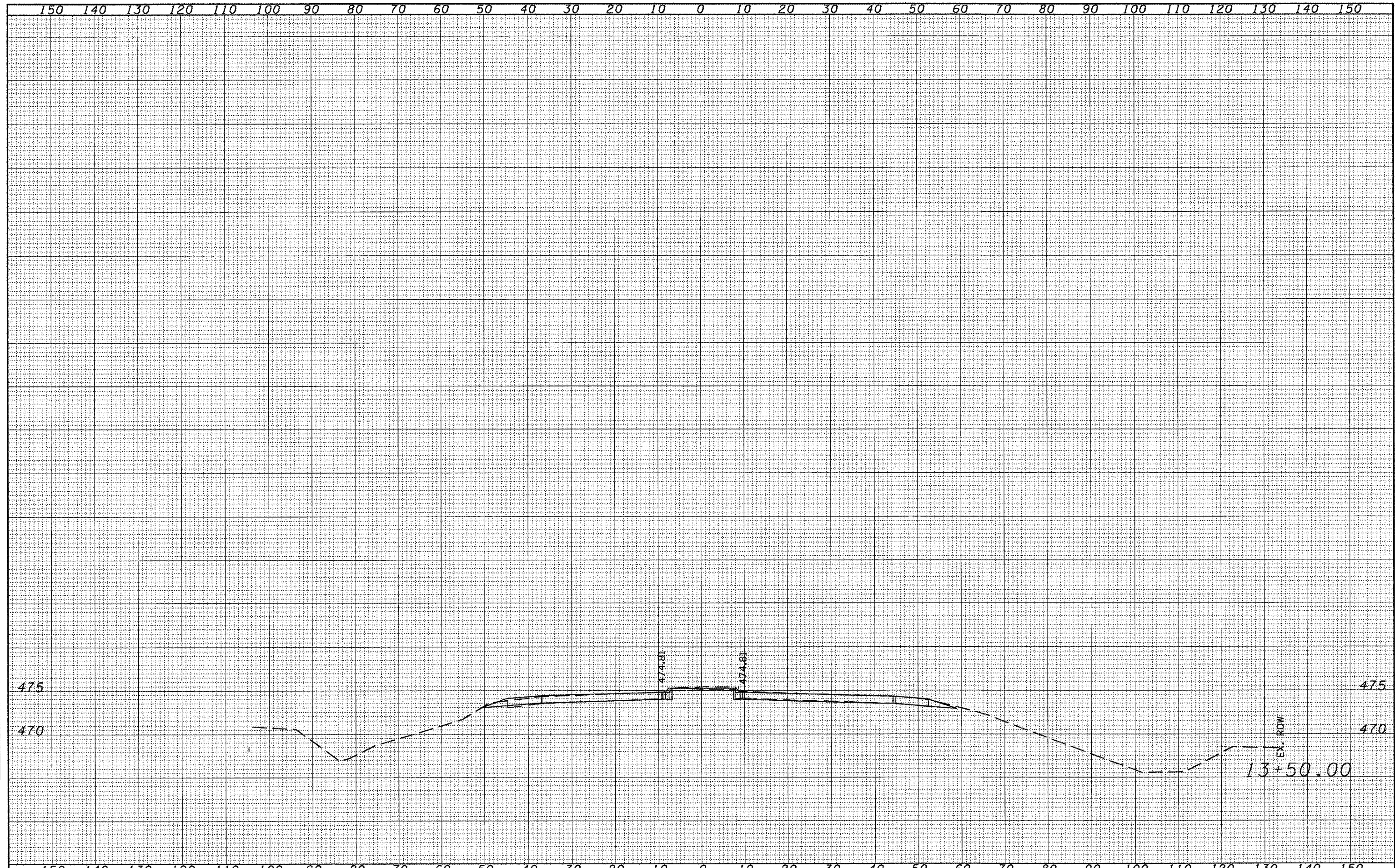
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FILE NAME =	USER NAME = brucebm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 6 MAINLINE</b>		FR. 318.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 12/17/2007		DATE -	REVISED -				SCALE:	SHEET NO. OF SHEETS	STA. 12+50.00 TO STA. 13+00.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

FINAL SURVEY	SUPERVISED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		

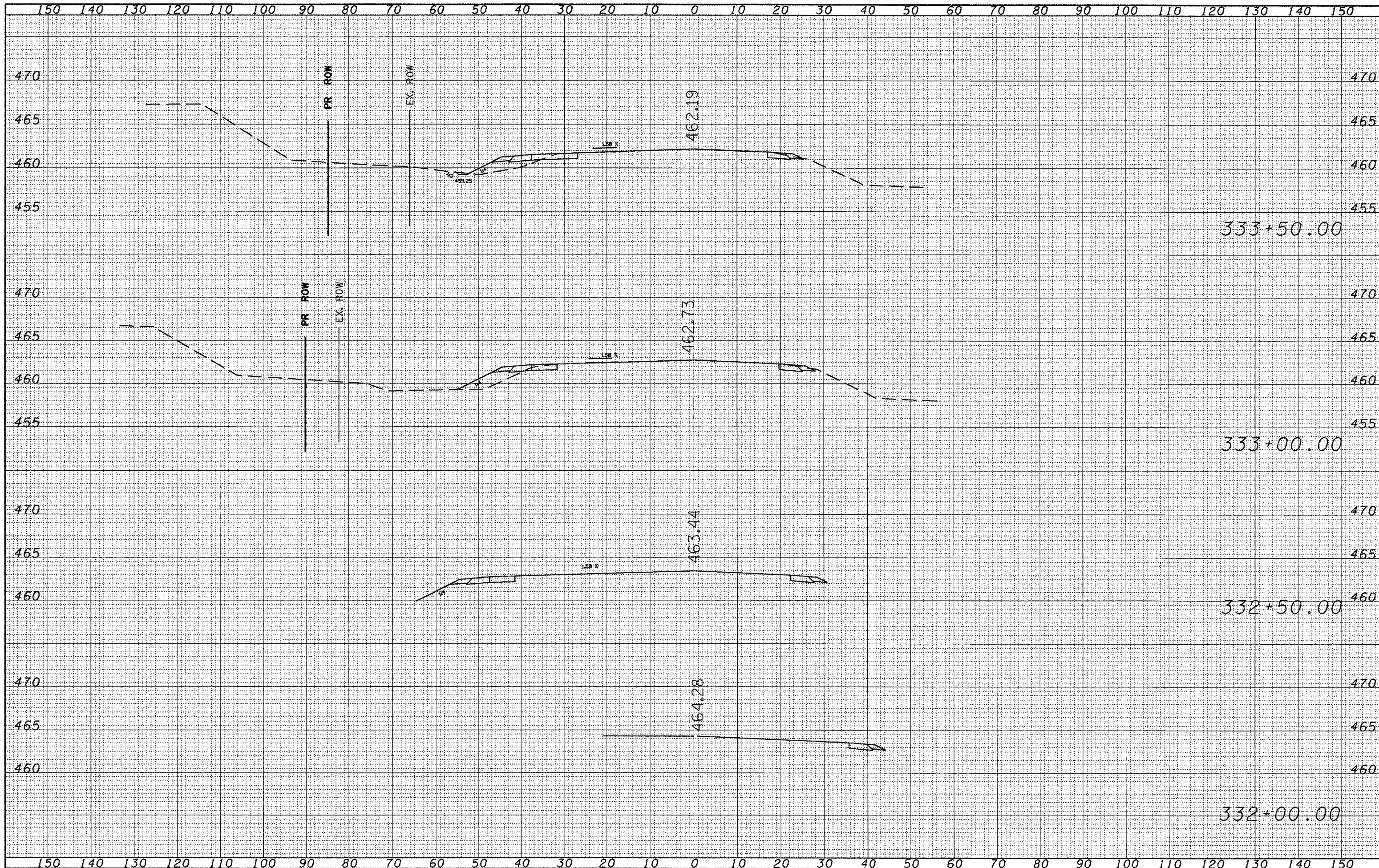
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NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS		
	CHECKED		



FILE NAME =	USER NAME = bpucebm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 6 MAINLINE</b>			FRA. 318	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRIFT\STD\PLNS\SQUAD9-NEW\Active Contr\68110\Cover sheet & 900 .dgn		DRAWN -	REVISED -		IL 6	72-(6-1)RS	PEORIA	89	85			
PLOT SCALE = 20.0000' / IN.		CHECKED -	REVISED -		CONTRACT NO. 68110							
PLOT DATE = 12/17/2007		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 13+50.00	TO STA. 13+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
NO.	
DESIGNED	
DRAWN	
CHECKED	
DATE	

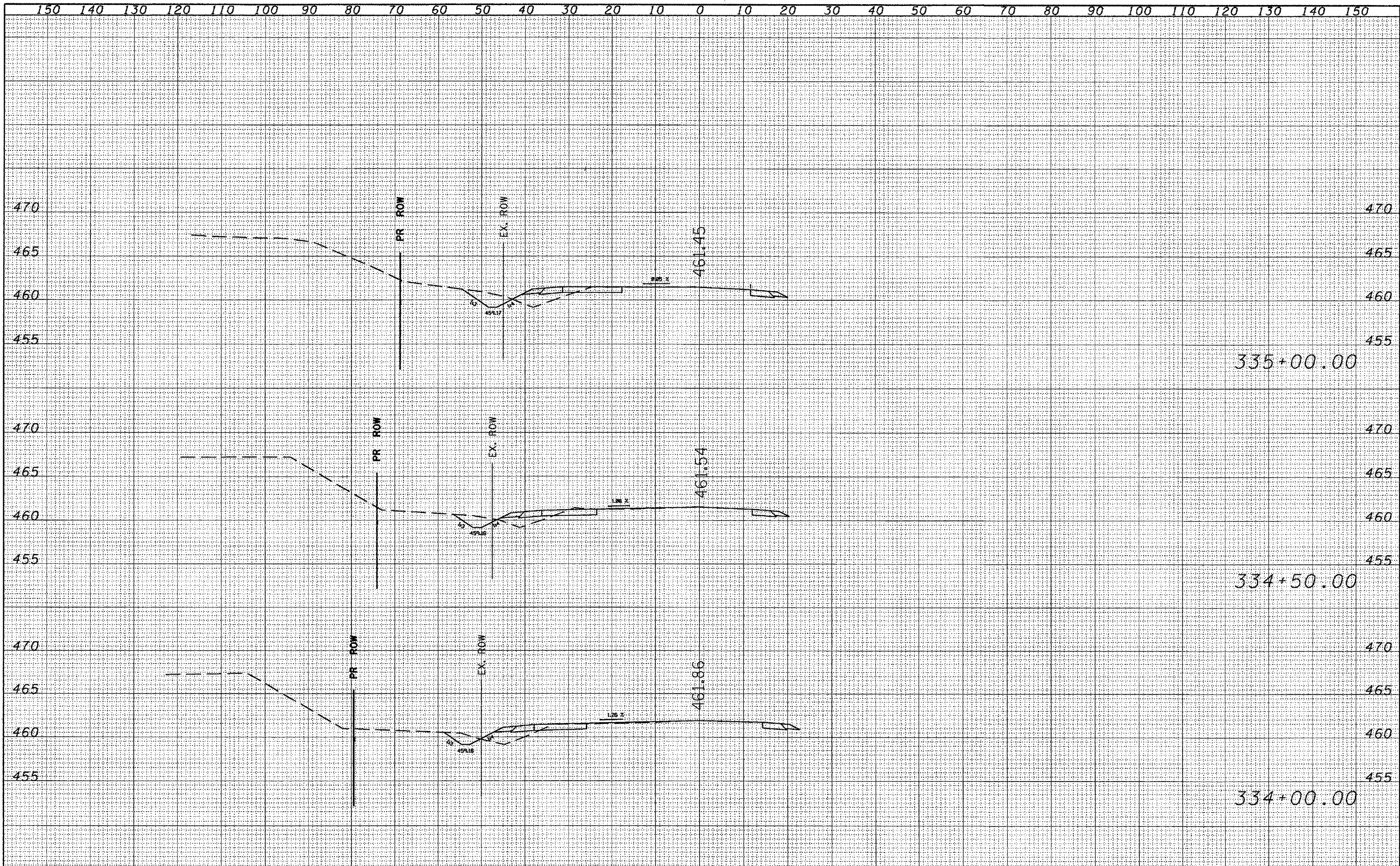
DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	
DESIGNED	
DRAWN	
CHECKED	
DATE	



FILE NAME =	USER NAME = brucebm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GALENA ROAD MAINLINE</b>		FRA. 318.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
S:\GEN\DRAWING\STD&PLNS\SQUAD9-NEW\Active Contracts\68110\Cover sheet & SDD .dgn	PLOT SCALE = 20.0000' / IN.	DRAWN -	REVISED -		IL 6	72-16-URS	PEORIA	69	86	CONTRACT NO. 68110		
PLOT DATE = 12/17/2007		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA. 332+00.00	TO STA. 333+50.00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
		DATE -	REVISED -									

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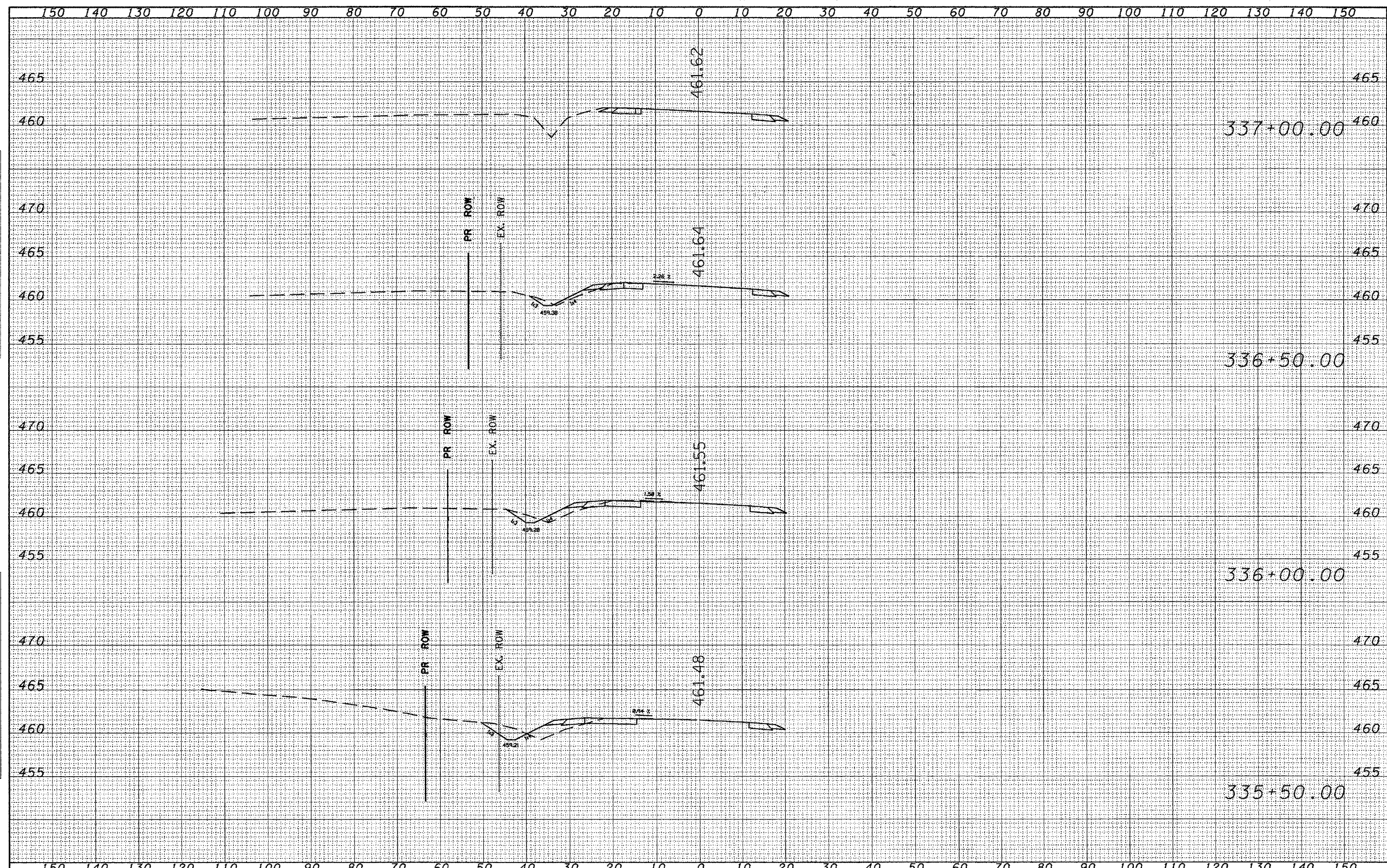
DATE	
BY	
ORIGINAL SURVEY	
PLOTTED	
TEMPLATE	
NOTE BOOK	
NO.	
AREAS CHECKED	



FILE NAME =	USER NAME = brucebm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>GALENA ROAD MAINLINE</b>		F.R. 318	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
SK:\GEN\DRAP\T\STD&PLNS\SQUAD9-NEW\Active Cont	acts\68110\Cover sheet & SD0 .dgn	DRAWN -	REVISED -				IL 6	72-16-1RS	PEORIA	89	87	CONTRACT NO. 68110
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -									
	PLOT DATE = 12/17/2007	DATE -	REVISED -				SCALE:	SHEET NO.	OF	SHEETS	STA. 334+00.00	TO STA. 335+00.00

FINAL SURVEY	DATE
BY	
NO. _____	
NO. _____	
NO. _____	
NO. _____	
NO. _____	

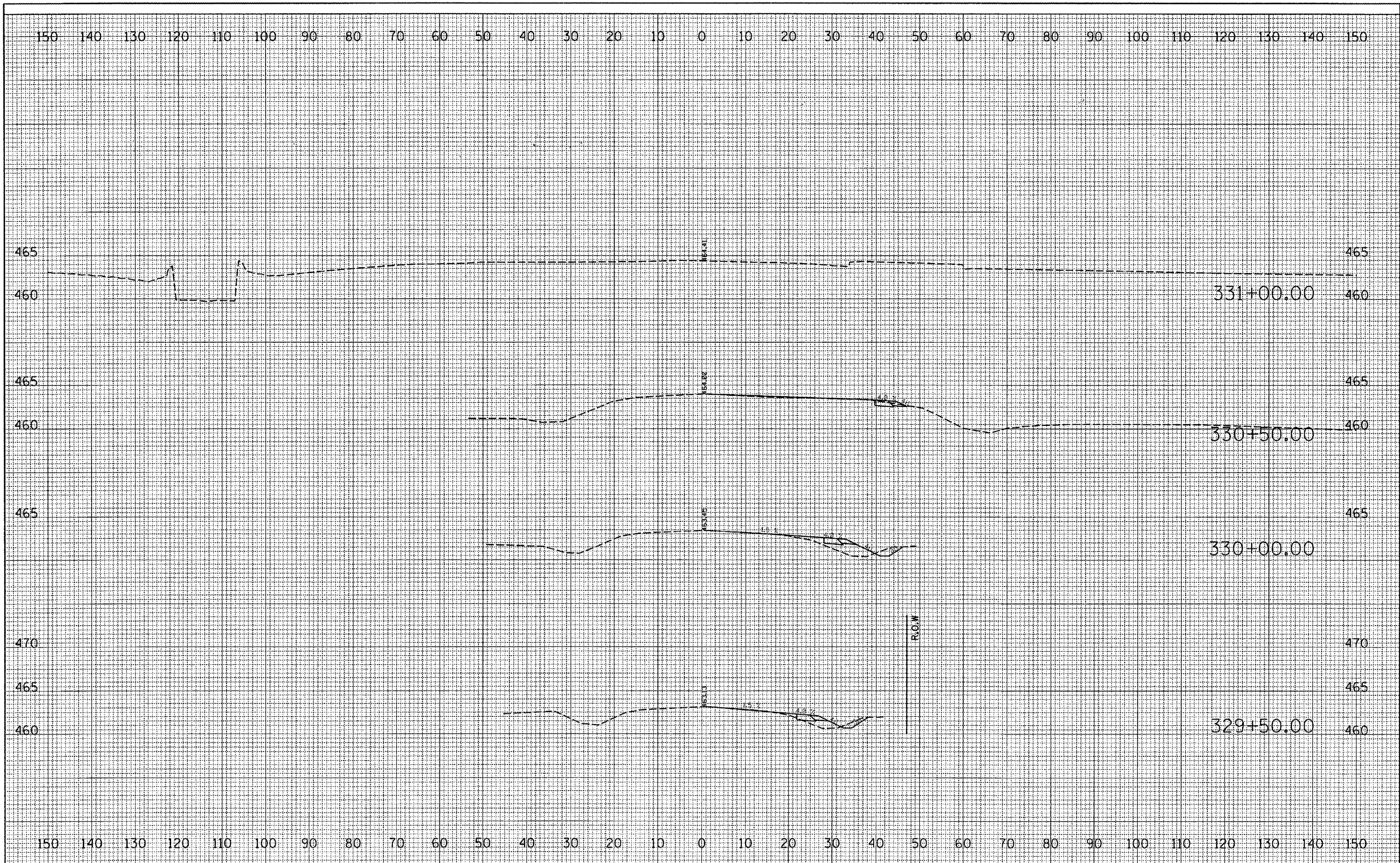
ORIGINAL SURVEY	DATE
BY	
NO. _____	
NO. _____	
NO. _____	
NO. _____	
NO. _____	





FINAL SURVEY  
 SURVEYED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_

ORIGINAL SURVEY  
 SURVEYED \_\_\_\_\_  
 NOTE BOOK \_\_\_\_\_  
 NO. \_\_\_\_\_  
 BY \_\_\_\_\_  
 DATE \_\_\_\_\_  
 AREAS CHECKED \_\_\_\_\_



FILE NAME =  
 C:\Documents and Settings\lababidism\Desktop\Copy of xsheta.dgn

USER NAME = brucebm  
 COPY of xsheta.dgn  
 PLOT SCALE = 20.8983' / 1" / 1"  
 PLOT DATE = 12/17/2007

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 318	SECTION 72-G-1RS	COUNTY PEORIA	TOTAL SHEETS 89	SHEET NO. 89
STATE ST.		CONTRACT NO. 68110		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		