

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP 714 (IL 48)
(135)RS-6,TS
PROJECT: F-HSIP-0714 (016)
CHRISTIAN COUNTY
C-96-547-07

CONTRACT NO. 72899	
F.A.P. RTE.	SECTION COUNTY TOTAL SHEETS SHEET NO.
714	(135)RS-6,TS CHRISTIAN 47 1
STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

INDEX OF SHEETS

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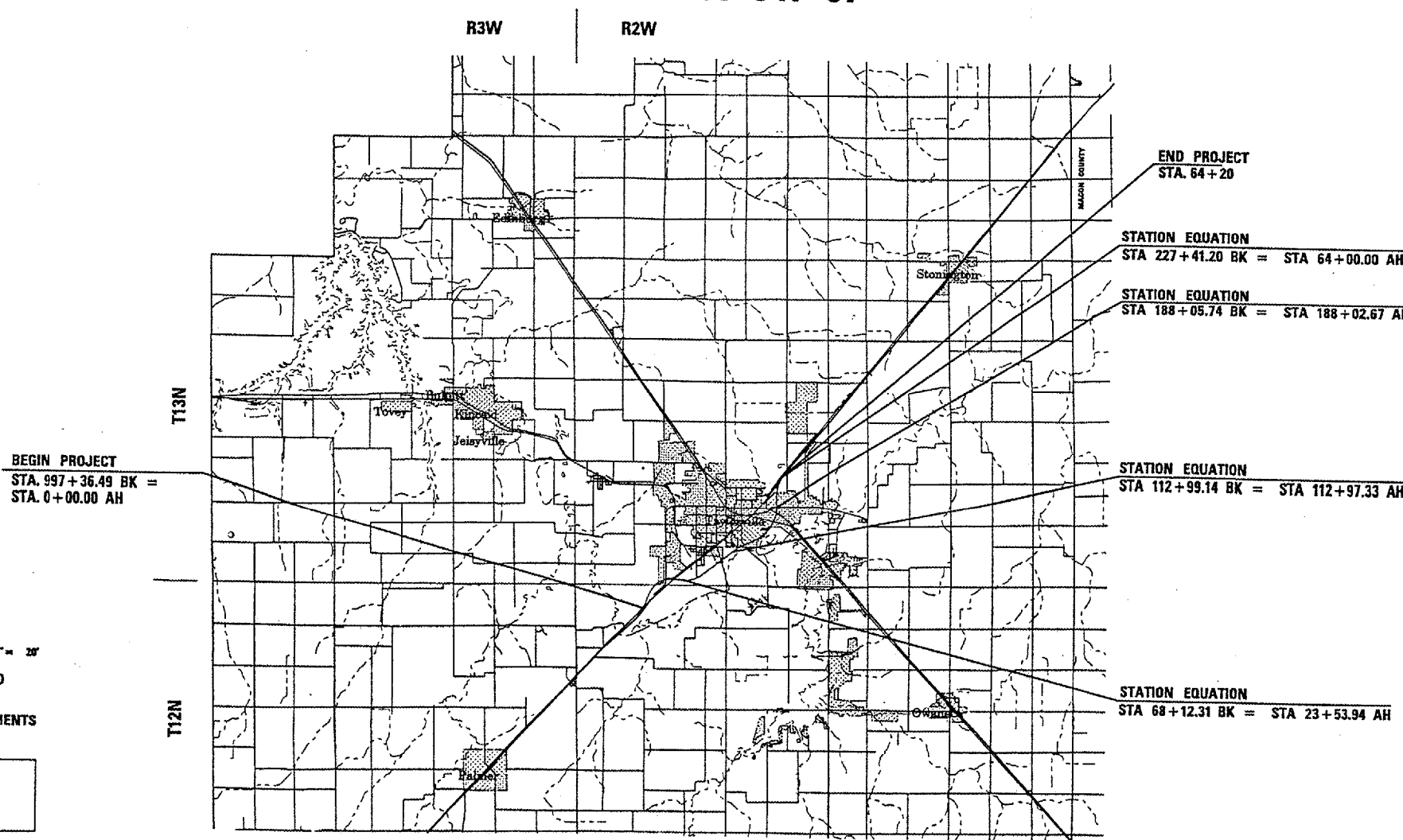
STANDARDS

000001-04	701011-01	781001-02
280001-03	701201-02	805001
442201-02	701301-02	857001
482011-02	701306-01	862001
636001-07	701311-02	873001-01
630301-04	701501-03	877011-02
631032-03	702001-06	878001-05
635006-02	720001	880001
701001-01	720016-01	880006
701006-02	780001-01	835011-01



LOCATION OF SECTION INDICATED THUS: — ■ —

ADT = 2797 (2005)



BEGIN PROJECT
STA. 997+36.49 BK =
STA. 0+00.00 AH

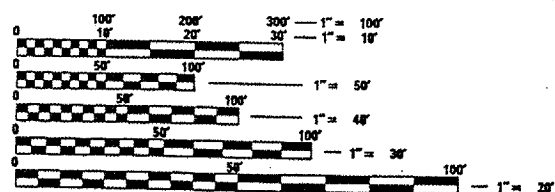
END PROJECT
STA. 64+20

STATION EQUATION
STA 227+41.20 BK = STA 64+00.00 AH

STATION EQUATION
STA 188+05.74 BK = STA 188+02.67 AH

STATION EQUATION
STA 112+99.14 BK = STA 112+97.33 AH

STATION EQUATION
STA 68+12.31 BK = STA 23+53.94 AH



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

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

NET LENGTH OF PROJECT = 27224.45 FEET = 5.156 MILES
SCALE

PROJECT ENGINEER: SAL MADONIA (217) 782-4761
SQUAD LEADER: KEN ANDERSON (217) 524-7546

CONTRACT NO. 72899

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED FEB. 1 20 07
Christy A. Reed
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 23 20 07
Eric S. Harms
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT

March 23 20 07
Milton R. Sees, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

GENERAL NOTES

- ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUB NUMBER LISTED IN THE INDEX OF SHEETS OR THE COPY OF THE STANDARD INCLUDED IN THESE PLANS.
- IN ADDITION TO FIELD SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.
- ACCESS TO ALL ENTRANCES AND SIDE ROADS SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS, AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 1-800-892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
- THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
- ALL SAW CUTS, NECESSARY TO COMPLETE THE WORK DETAILED IN THESE PLANS, SHALL BE INCLUDED IN THE COST FOR THE VARIOUS PAY ITEMS INVOLVED. THE MINIMUM SAW CUT DEPTH IN THE PAVEMENT SHALL BE 1 1/2 " UNLESS OTHERWISE SPECIFIED IN A DETAIL SHOWN IN THE PLANS.
- UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT NOR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTERLINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- NO PASSING ZONES TO BE FIELD VERIFIED BY THE BUREAU OF OPERATIONS. THE RESIDENT ENGINEER SHALL NOTIFY THE BUREAU OF OPERATIONS AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING. (PH: 217-785-5312)
- THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED TO CALCULATE THE PLAN QUANTITIES:

BITUMINOUS MATERIALS (PRIME COAT)	0.00038 TON/SQ. YD. (ON PAVEMENT)
BITUMINOUS MATERIALS (PRIME COAT)	0.001425 TON/SQ.YD. (ON AGG)
AGGREGATE PRIME COAT	0.002 TON/SQ. YD.
BITUMINOUS CONCRETE SURFACE / BINDER	0.056 TON/SQ. YD. PER 1"
AGGREGATE MATERIAL	2.05 TON/CU. YD.
MULCH METHOD	2.0 TON/ACRE
AGRICULTURE GROUND LIMESTONE	2.0 TON/ACRE
NITROGEN FERTILIZER NUTRIENT	90 LBS./ACRE
PHOSPHOROUS FERTILIZER NUTRIENT	90 LBS./ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS./ACRE
- EXISTING VERTICAL CLEARANCE SHALL BE MAINTAINED AT THE NORFOLK SOUTHERN OVERHEAD STRUCTURE AT APPROXIMATE STA. 53+90.35 AND IL 29 OVERHEAD STRUCTURE AT APPROXIMATE STA. 180+10.53. THE ENGINEER SHALL FIELD VERIFY VERTICAL CLEARANCES PRIOR TO RESURFACING OPERATIONS.
- AN ESTIMATED QUANTITY OF 140 CU. YD. OF EMBANKMENT HAS BEEN INCLUDED FOR CONSTRUCTING SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS AS DETAIL PER STANDARD 630301.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION WILL BE REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT, AND NO COMPENSATION WILL BE ALLOWED.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE(S):	HMA SURF CSE	INCIDENTAL HMA SURF	HMA SHLDRS
ACPG:	SBS 70-22	PG 64-22	PG 58-22
DESIGN AIR VOIDS:	4.0 @ N DES=70	4.0 @ N DES=50	2.0 @ N DES=30
MIXTURE COMPOSITION:	IL 9.5 OR IL 12.5	IL 9.5 OR IL 12.5	BAM
(GRADATION MIXTURE)	MIX "D"	MIX "C"	NA
FRICITION AGREGATE:			

DISTRICT SIX	
EXAMINED <u>Jan 31</u> 20 <u>07</u>	<i>[Signature]</i>
OPERATIONS ENGINEER	
EXAMINED <u>Jan 31</u> 20 <u>07</u>	<i>[Signature]</i>
PROGRAM IMPLEMENTATION ENGINEER	
EXAMINED <u>Jan 26</u> 20 <u>07</u>	<i>[Signature]</i>
PROGRAM DEVELOPMENT ENGINEER	

PROJECT ENGINEER: SAL MADONIA (217) 782-4761
SQUAD LEADER: KEN ANDERSON (217) 524-7546

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6,TS
 CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE: _____

DRAWN BY: _____
 CHECKED BY: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES				<i>F</i> 80% FED. / 20% STATE		<i>HSIP</i> 90% FED. / 10% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	RURAL ROADWAY SEE NOTE 1	URBAN ROADWAY SEE NOTE 2	URBAN TRAFFIC SIGNALS
				CONSTRUCTION CODE TYPE		
				1000-2A	1000-2A	Y031-1F
20400800	FURNISHED EXCAVATION	CU YD	140		140	
35800100	PREPARATION OF BASE	SQ YD	180	18.7	161.3	
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	36	2.9	33.1	
40600300	AGGREGATE (PRIME COAT)	TON	174	14.4	159.6	
40600895	CONSTRUCTING TEST STRIP	EACH	1		1	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1029	81.6	947.4	
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	247		247	
40600990	TEMPORARY RAMP	SQ YD	157	13.6	143.4	
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	7362	604.8	6757.2	
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	88	6.1	81.9	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	18327.5		18327.5	
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	933		933	
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	68517	7146.7	61370.3	
44200152	PAVEMENT PATCHING, TYPE I, 13 INCH	SQ YD	100	50	50	
44200156	PAVEMENT PATCHING, TYPE II, 13 INCH	SQ YD	788	68	720	
44200160	PAVEMENT PATCHING, TYPE III, 13 INCH	SQ YD	224	16	208	
44200162	PAVEMENT PATCHING, TYPE IV, 13 INCH	SQ YD	83		83	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2408	258.3	2149.7	
48203100	HOT-MIX ASPHALT SHOULDERS	TON	105		105	
50300225	CONCRETE STRUCTURES	CU YD	11.6		11.6	
50800205	REINFORCEMENT BARS, EXPOXY COATED	POUND	1430		1430	
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	750		750	
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	8		8	
* 63100167	TRAFFIC BARRIER TERMINAL TYPE 1, SPECIAL (TANGENT)	EACH	8		8	
63200305	STEEL PLATE BEAM GUARD RAIL REMOVAL	FOOT	690	312	378	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	0.5	3	0.5
67100100	MOBILIZATION	L SUM	1	0.2	0.6	0.2
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.2	0.6	0.2

- NOTES:
1. STA. 0+00 TO STA. 26+80
 2. STA. 26+80 TO STA. 68+12.31
 STA. EQ. 68+12.31BK=23+53.94AH
 STA. 23+53.94 TO STA. 112+99.14
 STA. EQ. 112+99.14BK=112+97.33AH
 STA. 112+97.33 TO STA. 188+05.74
 STA. EQ. 188+05.74BK=188+02.67AH
 STA. 188+02.67 TO STA. 227+41.20
 STA. EQ. 227+41.20BK=64+00AH
 STA. 64+00 TO STA. 64+20

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF QUANTITIES
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE : 08/15/04
 FILE NAME : 081504.DWG
 PLOT SCALE : 1"=40'
 USER NAME : MUSER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

F
80% FED./20% STATE
HSIP
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE TYPE		
				1000-2A	1000-2A	Y031-1F
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	60			60
81013000	CONDUIT IN TRENCH, 4" DIA., PVC	FOOT	22			22
81021540	CONDUIT, AUGERED 1 1/2" DIA., PVC	FOOT	90			90
81021570	CONDUIT, AUGERED 3" DIA., PVC	FOOT	225			225
81021590	CONDUIT, AUGERED 4" DIA., PVC	FOOT	96			96
81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	28			28
81306100	JUNCTION BOX, SPECIAL	EACH	5			5
81400100	HANDHOLE	EACH	3			3
81400300	DOUBLE HANDHOLE	EACH	1			1
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	2048			2048
82104250	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT	EACH	4			4
83057120	LIGHT POLE, WOOD, 25 FOOT, CLASS 4	EACH	1			1
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1			1
85800100	FLASHER CONTROLLER	EACH	1			1
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1			1
86400100	TRANSCEIVER - FIBER OPTIC	EACH	1			1
87100110	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F	FOOT	1210			1210
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3490.5			3490.5
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1263.5			1263.5
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	985.5			985.5
87301265	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 9C	FOOT	335			335
87301525	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 6 PAIR	FOOT	816			816
87301815	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3 C	FOOT	18			18
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1			1
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH	1			1
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2			2
87702840	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	1			1
87702890	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT.	EACH	2			2

* SPECIALTY ITEMS

- NOTES:
1. STA. 0+00 TO STA. 26+80
 2. STA. 26+80 TO STA. 68+12.31
 STA. EQ. 68+12.31BK=23+53.94AH
 STA. 23+53.94 TO STA. 112+99.14
 STA. EQ. 112+99.14BK=112+97.33AH
 STA. 112+97.33 TO STA. 188+05.74
 STA. EQ. 188+05.74BK=188+02.67AH
 STA. 188+02.67 TO STA. 227+41.20
 STA. EQ. 227+41.20BK=64+00AH
 STA. 64+00 TO STA. 64+20

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

DATE: _____
SCALE: _____
USER: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	6
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

F
80% FED. / 20% STATE
HSIP
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE TYPE		
				1000-2A	1000-2A	Y031-1F
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH	1			1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12.0			12.0
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.0			3.0
87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	10.0			10.0
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	37.0			37.0
87900200	DRILL EXISTING HANDHOLE	EACH	1			1
88040030	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED	EACH	2			2
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3			3
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	2			2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2			2
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2			2
88040230	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1			1
88040260	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3-SECTION, 1-5-SECTION, BRACKET MOUNTED	EACH	2			2
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	16			16
X0320872	VIDEO VEHICLE DETECTION SYSTEM	EACH	1			1
X0323153	ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	FOOT	562.5			562.5
X8170245	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 12	FOOT	816.0			816.0
88040332	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3-SECTION, 1-4-SECTION, BRACKET MOUNTED	EACH	3			3

- NOTES:
1. STA. 0+00 TO STA. 26+80
 2. STA. 26+80 TO STA. 68+12.31
 STA. EQ. 68+12.31BK=23+53.94AH
 STA. 23+53.94 TO STA. 112+99.14
 STA. EQ. 112+99.14BK=112+97.33AH
 STA. 112+97.33 TO STA. 188+05.74
 STA. EQ. 188+05.74BK=188+02.67AH
 STA. 188+02.67 TO STA. 227+41.20
 STA. EQ. 227+41.20BK=64+00AH
 STA. 64+00 TO STA. 64+20

* SPECIALTY ITEMS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

PLOT DATE : 04/15/04
 FILE NAME : #FILEL*
 PLOT SCALE : 1/8"=1'-0"
 USER NAME : BOBEN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	7
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PAVEMENT SCHEDULE

LOCATION STATION TO STATION	LENGTH (FT)	WIDTH (FT)	AVERAGE WIDTH (FT)	BIT SURF THICKNESS (IN)	HOT-MIX ASPHALT SURF REMOV BUTT-JOINT (SQ YD)	HOT-MIX ASPHALT SURF REMOV (VAR DEPTH) (SQ YD)	HOT-MIX ASPHALT SURF REMOV (1 1/2") (SQ YD)	HOT-MIX ASPHALT SURF CSE MIX "D" N70 (TON)	BIT MAT PRIME CT (TON)	AGG PRIME CT (TON)	
FAP 714 (ILL RTE 48)											
STA -0+20 TO STA 35+50.00	3,570.00	24.00	24.00	1.5	53.2	9466.7	-	799.7	3.6	19.0	
STA 35+50.00 TO STA. 37+67.98	217.98	VARIES 24.00 TO 30.16	27.08	1.5	-	655.9	-	55.1	0.2	1.3	
STA. 37+67.98 LT. TO STA. 50+59.00 LT.	1,291.02	16.00	16.00	1.5	-	-	2362.9	198.5	0.9	4.7	
STA. 37+67.98 RT. TO STA. 50+59.00 RT.	1,291.02	VARIES 14.00 TO 28.00	21.00	1.5	-	-	2888.7	242.7	1.1	5.8	
STA. 50+59.00 TO STA 52+84.90	225.90	VARIES 34.00 TO 24.00	29.00	1.5	-	-	728.0	61.2	0.3	1.5	
STA 52+84.90 TO STA 68+12.31	1,527.41	24.00	24.00	1.5	-	3062.7	1010.4	342.1	1.5	8.1	
STA. EQ. 68+12.31 BK. = 23+53.94 AH.											
STA 23+53.94 TO STA 72+91.40	4,937.46	24.00	24.00	1.5	-	13166.6	-	1106.0	5.0	26.3	
STA 72+91.40 TO STA 73+86.00	94.60	VARIES 24.00 TO 31.50	27.75	1.5	-	291.7	-	24.5	0.1	0.6	
STA. 73+86.00 LT. TO STA. 87+51.00 LT.	1,365.00	VARIES 14.00 TO 36.00	25.00	1.5	-	-	3048.8	256.1	1.2	6.1	
STA. 73+86.00 RT. TO STA. 87+51.00 RT.	1,365.00	VARIES 14.00 TO 40.00	27.00	1.5	-	-	3400.3	285.6	1.3	6.8	
STA. 87+51.00 TO STA. 91+30.00	379.00	VARIES 31.50 TO 24.00	27.75	1.5	-	1168.6	-	98.2	0.4	2.3	
STA 91+30.00 TO STA 112+99.14	2,169.14	24.00	24.00	1.5	-	5784.4	-	485.9	2.2	11.6	
STA. EQ. 112+99.14 BK. = 112+97.33 AH.											
STA 112+97.33 TO STA 180+73.00	6,775.67	24.00	24.00	1.5	-	17668.5	400	1517.8	6.7	35.3	
STA 180+73.00 TO STA 188+05.74	732.74	VARIES 24.00 TO 34.00	29.00	1.5	-	1822.0	1162.2	250.7	1.1	6.0	
STA. EQ. 188+05.74 BK. = 188+02.64 AH.											
STA 188+02.64 TO STA 196+70.00	867.36	VARIES 24.00 TO 34.00	29.00	1.5	-	2426.9	1028.9	290.3	1.3	6.9	
STA 196+70.00 TO STA 208+79.00	1,209.00	24.00	24.00	1.5	-	3224.0	-	270.8	1.2	6.4	
STA 208+79.00 TO STA 217+98.00	919.00	VARIES 24.00 TO 38.00	31.00	1.5	-	3106.1	-	260.9	1.2	6.2	
STA 217+98.00 TO STA 227+41.20	943.20	24.00	24.00	1.5	-	2514.7	-	211.2	1.0	5.0	
STA. EQ. 227+41.20 BK. = 64+00.00 AH.											
STA 64+00.00 TO STA 64+20.00	20.00	24.00	24.00	1.5	48.8	-	-	4.1	0.1	0.1	
					TOTALS	102.0	64359.0	16030.3	6761.6	30.5	160.3

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
FA ROUTE 714 (IL 48)
SECTION (135)RS-6,TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	9
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SIDE ROAD, ENTRANCE AND MAILBOX TURNOUT SCHEDULE													
LOCATION	EXIST SURF TYPE	WIDTH ACROSS FRONT (FT)	WIDTH ACROSS BACK (FT)	LENGTH (FROM EDGE OF PVT, TO LIMITS OF IMPROVEMENT) (FOOT)	PERPARATION OF BASE (SQ YD)	HOT-MIX ASPHALT SURF REMOV BUTT-JOINT (SQ YD)	PCC SURF REMOVAL BUTT-JOINT (SQ YD)	HOT-MIX ASPHALT SURF REMOVAL (VAR DEPTH) (SQ YD)	HOT-MIX ASPHALT REMOVAL (1 1/2") (SQ YD)	INCIDENTAL HOT-MIX SURFACING (TON)	HOT-MIX ASPHALT SURF CSE MIX "D" N70 (TON)	BIT MAT PRIME CT (TON)	AGG PRIME CT (TON)
P. E. LT. STA. 0+43	BIT.	40	24	8	-	28.4	-	-	-	2.4	-	0.1	-
F. E. RT. STA. 1+58	AGG.	40.00	24	-	-	-	-	-	-	-	-	-	-
P. E. LT. STA. 4+25	AGG.	30	12	8	18.7	-	-	-	-	3.7	-	0.1	-
F. E. RT. STA. 11+02	EARTH	45	12	-	-	-	-	-	-	-	-	-	-
F. E. LT. STA. 19+00	EARTH	10	10	-	-	-	-	-	-	-	-	-	-
F. E. RT. STA. 19+00	EARTH	12	12	-	-	-	-	-	-	-	-	-	-
P. E. RT. STA. 27+70	BIT.	30	10	8	-	17.8	-	-	-	1.5	-	0.1	-
F. E. LT. STA. 29+83.50	AGG.	59	12	-	-	-	-	-	-	-	-	-	-
F. E. RT. STA. 35+00	EARTH	16.5	16.5	-	-	-	-	-	-	-	-	-	-
F. E. LT. STA. 35+04	AGG.	22.5	22.5	-	-	-	-	-	-	-	-	-	-
SPRESSER ST. LT. STA. 45+02.20	BIT.	166	25	92	-	57.8	-	435.3	-	-	41.4	0.2	1.0
SPRESSER ST. RT. STA. 45+02.20	BIT.	108	20	27	-	-	-	-	113.6	-	9.5	0.1	0.2
P. E. LT. STA. 66+16	AGG.	35	17	8	23.1	-	-	-	-	4.5	-	0.1	-
F. E. RT. STA. 66+23	EARTH	21	16	-	-	-	-	-	-	-	-	-	-
STA. EO. 68+12.31 BK. = 23+53.94 AH.													
C. E. LT. STA. 38+00	AGG.	40	16	10	31.1	-	-	-	-	13.9	-	0.1	-
F. E. RT. STA. 38+00	EARTH	16	12	-	-	-	-	-	-	-	-	-	-
F. E. RT. STA. 40+25	EARTH	19	19	-	-	-	-	-	-	-	-	-	-
HOUSTON ST. LT. STA. 40+80	BIT.	105	55	15	-	133.3	-	-	-	11.2	-	0.1	-
P. E. RT. STA. 41+11	OIL & CHIP	30	12	8	-	18.7	-	-	-	1.6	-	0.1	-
P. E. RT. STA. 48+58	BIT.	35	17	8	-	23.1	-	-	-	1.9	-	0.1	-
P. E. RT. STA. 61+18.5	BIT.	35	16	8	-	22.7	-	-	-	1.9	-	0.1	-
P. E. RT. STA. 61+68.5	CONC.	45	20	8	-	-	28.9	-	-	2.4	-	0.1	-
M. B. LT. STA. 61+68.5	BIT.	66	22	8	-	39.1	-	-	-	3.3	-	0.1	-
P. E. LT. W/ M. B. STA. 66+50.5	BIT.	72	39	8	-	49.3	-	-	-	4.1	-	0.1	-
NOKOMIS RD. LT. STA. 80+80.82	BIT.	307	SEE SHEET 34 FOR DIMENSION		-	93.3	-	1019.6	-	-	93.5	0.4	2.2
NOKOMIS RD. RT. STA. 80+80.82	BIT.	191	SEE SHEET 34 FOR DIMENSION		-	86.6	-	1253.7	-	-	112.6	0.5	2.7
STA. EO. 112+99.14 BK. = 112+97.33 AH.													
CHEROKEE ST. LT. STA. 116+15	CONC.	112	30	-	-	-	199.2	-	-	-	20.9	0.1	-
TR. 1300 E. RT. STA. 116+15	BIT.	103	55	15	-	131.7	-	-	-	11.1	-	0.1	-
P. E. LT. STA. 148+11	AGG.	40	23	8	28.0	-	-	-	-	5.5	-	0.1	-
P. E. & F. E. RT. ST. 151+58	CONC.	30	12	8	-	-	18.7	-	-	1.6	-	0.1	-
F. E. LT. STA. 155+26	EARTH	13	13	-	-	-	-	-	-	-	-	-	-
P. E. RT. STA. 155+41	AGG.	97	81	8	79.1	-	-	-	-	15.5	-	0.1	-
BIKE PATH LT. STA. 168+78	BIT.	11	11	8	-	9.8	-	-	-	0.8	-	0.1	-
BIKE PATH RT. STA. 168+78	BIT.	11	11	8	-	9.8	-	-	-	0.8	-	0.1	-
F. E. LT. STA. 171+48.50	EARTH	12	12	-	-	-	-	-	-	-	-	-	-
STA. EO. 227+41.20 BK. = 64+00.00 AH.													
E. MAIN CROSS ST. LT. STA. 188+12.23	BIT.	325	SEE SHEET 37 FOR DIMENSION		-	71.1	-	-	1101.1	-	98.5	0.4	2.3
LINCOLN TRAIL RD. RT. STA. 188+12.23	BIT.	325	SEE SHEET 37 FOR DIMENSION		-	71.1	-	-	1082.6	-	96.9	0.4	2.3
F. E. RT. STA. 210+96.50	AGG.	14	14	-	-	-	-	-	-	-	-	-	-
MCADAM DR. LT. STA. 211+73.30	BIT.	230	SEE SHEET 39 FOR DIMENSION		-	63.4	-	1449.7	-	-	127.1	0.6	3.0
					180.0	927.0	247.0	4158.0	2297.2	88.0	600.4	4.5	13.7

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
FA ROUTE 714 (IL 48)
SECTION (135)RS-6,TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

THERMOPLASTIC PAVEMENT MARKING							
STATION TO STATION	LOCATION	DESCRIPTION	LINE 5"		LINE 8" FOOT	LINE 12" FOOT	
			WHITE (FOOT)	YELLOW (FOOT)			
IL48							
STA. 0+00.0 TO STA. 9+02.0	RT. & LT.	DOUBLE LINE	1804	1804			
STA. 9+02.0 TO STA. 33+39.0	RT. & LT.	SKIP-DASH	4874	609.3			
STA. 33+39.0 TO STA. 35+50.0	RT. & LT.	SINGLE LINE & SKIP DASH	422	263.8			
STA. 35+50.0 TO STA. 37+69.0	RT. & LT.	INTERSECTION	438	876		32.8	
STA. 37+69.0 TO STA. 44+49.0	RT. & LT.	INTERSECTION	1340.19	1422.59			
STA. 45+36.0 TO STA. 50+59.0	RT. & LT.	INTERSECTION	976.84	1047.65			
STA. 50+59.0 TO STA. 52+85.0	RT. & LT.	INTERSECTION	452	904		58.77	
STA. 52+85.0 TO STA. 56+05.0	RT. & LT.	SINGLE LINE & SKIP DASH	640	400			
STA. 56+05.0 TO STA. 61+24.0	RT. & LT.	SKIP-DASH	1038	129.8			
STA. 61+24.0 TO STA. 68+12.3	RT. & LT.	SINGLE LINE & SKIP DASH	1376.6	860.4			
STATION EQUATION STA. 68+12.3 BK TO STA. 23+53.9 AH							
STA. 23+53.9 TO STA. 24+74.0	RT. & LT.	SINGLE LINE & SKIP DASH	240	150.2			
STA. 24+74.0 TO STA. 45+54.0	RT. & LT.	DOUBLE LINE	4160	4160			
STA. 45+54.0 TO STA. 54+71.0	RT. & LT.	SINGLE LINE & SKIP DASH	1834	1146.3			
STA. 54+71.0 TO STA. 69+98.0	RT. & LT.	SKIP-DASH	3054	381.8			
STA. 69+98.0 TO STA. 72+91.0	RT. & LT.	SINGLE LINE & SKIP DASH	586	73.3			
STA. 72+91.0 TO STA. 73+88.0	RT. & LT.	INTERSECTION	194	388		17.7	
STA. 73+88.0 TO STA. 80+04.0	RT. & LT.	INTERSECTION	1152	1237.5			
STA. 79+68.0 TO STA. 80+47.0	RT.	INTERSECTION				79	
STA. 81+14.0 TO STA. 81+93.0	LT.	INTERSECTION				79	
STA. 81+61.0 TO STA. 87+50.0	RT. & LT.	INTERSECTION	1036.5	1183			
STA. 87+50.0 TO STA. 90+00.0	RT. & LT.	INTERSECTION	500	1000		46.8	
STA. 90+00.0 TO STA. 108+08.0	RT. & LT.	SINGLE LINE & SKIP DASH	3616	2260			
STA. 108+08.0 TO STA. 109+46.0	RT. & LT.	DOUBLE LINE	276	276			
STA. 109+46.0 TO STA. 112+99.1	RT. & LT.	SINGLE LINE & SKIP DASH	706.2	441.4			
STATION EQUATION STA. 112+99 BK TO STA. 112+97.3 AH							
STA. 112+97.3 TO STA. 119+53.0	RT. & LT.	SINGLE LINE & SKIP DASH	1311.4	819.6			
STA. 119+53.0 TO STA. 151+58.0	RT. & LT.	SKIP-DASH	6410.0	801.3			
STA. 151+58.0 TO STA. 154+03.0	RT. & LT.	SINGLE LINE & SKIP DASH	490	306.3			
STA. 154+03.0 TO STA. 180+94.0	RT. & LT.	DOUBLE LINE	5382	10764			
STA. 180+94.0 TO STA. 187+62.0	RT. & LT.	INTERSECTION	1000	2336		171.85	
STA. 187+38.0 TO STA. 187+91.0	LT.	INTERSECTION				53	
STATION EQUATION STA. 188+05.7 BK TO STA. 188+02.7 AH							
STA. 188+32.0 TO STA. 188+92.0	RT.	INTERSECTION				60	
STA. 188+62.0 TO STA. 190+26.0	RT. & LT.	INTERSECTION	105	164			
STA. 190+26.0 TO STA. 195+18.0	RT. & LT.	SKIP-DASH	984	1968		158.9	
STA. 195+18.0 TO STA. 227+41.0	RT. & LT.	SKIP-DASH	6446	805.8		156	
STATION EQUATION STA. 227+41.0 BK TO STA. 64+00.0 AH							
STA. 64+00.0 TO STA. 64+35.0	RT. & LT.	SKIP-DASH	70	8.8			

THERMOPLASTIC PAVEMENT MARKING							
STATION TO STATION	LOCATION	DESCRIPTION	LINE 5"		LINE 8" FOOT	LINE 12" FOOT	
			WHITE (FOOT)	YELLOW (FOOT)			
SPRESSER ST.							
STA. 9+87.5 TO STA. 9+60.5	RT.		113.57				
STA. 10+46.2 TO STA. 11+38.2	LT.		262.93	20			
NOKOMIS RD.							
STA. 38+25.4 TO STA. 40+00.0	RT.		504.26		183.23	141.31	
STA. 38+23.4 TO STA. 39+71.0	LT.		388.44		189.18	146.71	
LINCOLN TRAIL RD. AND E. MAIN CROSS ST.							
STA. 21+10.5 TO STA. 23+08.0	RT.		568.5	341.88	134.54	53.37	
STA. 20+67.6 TO STA. 18+93.0	LT.		584.45	318.3	112.02	78.89	
McADAM ST.							
STA. 0+37.1 TO STA. 2+11.0	LT.		489.91	320.91	296.78	182.08	
SUB TOTAL			55826.79	39989.93	1342.75	1089.18	
TOTAL			95817		1343	1089	

PAVEMENT PATCHING 13"				
LOCATION	TYPE			
	I (SQ YD)	II (SQ YD)	III (SQ YD)	IV (SQ YD)
IL48 (RURAL)				
SOUTH END OF JOB to STA. 26+80	50.00	68.00	16.00	-
RURAL SUB TOTALS	50.00	68.00	16.00	-
IL48 (URBAN)				
STA. 26+80 to SPRESSER ST.	50.00	45.33	16.00	
SPRESSER ST. to HOUSTON ST.		204.44	32.00	53.33
HOUSTON ST. to NOKOMIS RD.		53.33	16.00	-
NOKOMIS RD. to CHEROKEE ST.		21.33	32.00	-
CHEROKEE ST. to LINCOLN TRAIL		266.67	96.00	29.33
LINCOLN TRAIL to NORTH END OF JOB		129.33	16.00	-
URBAN SUB TOTALS	50.00	720.43	208.00	82.66
TOTALS	100	788	224	83

NOTE: TEMPORARY PAVEMENT MARKING QUANTITIES ARE THE SAME VALUES AS PERMANENT PAVEMENT MARKING QUANTITIES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
FA ROUTE 714 (IL 48)
SECTION (135)RS-6,TS
CHRISTIAN COUNTY

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	11
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PERFORMED PLASTIC PAVEMENT MARKING, TYPE B						
STATION TO STATION	LOCATION	LINE 6" (FT)	LINE 24" (FT)	LETTERS AND SYMBOLS (SQ FT)		
IL 48						
STA. 42+54.0	TO	STA. 44+82.0	N. B.	228		
		STA. 42+59.0	N. B.			15.6
		STA. 43+58.0	N. B.			15.6
		STA. 44+57.0	N. B.			15.6
STATION EQUATION STA. 68+12.3 BK TO STA. 23+53.9 AH						
STA. 76+07.5	TO	STA. 80+02.0	N. B.	459.4		
		STA. 77+83.0	N. B.			15.6
		STA. 78+44.0	N. B.			15.6
		STA. 78+64.0	N. B.			15.6
		STA. 79+46.0	N. B.			15.6
		STA. 79+77.0	N. B.			15.6
STA. 81+61.0	TO	STA. 85+71.0	S. B.	418		
		STA. 81+86.0	S. B.			15.6
		STA. 82+26.0	S. B.			15.6
		STA. 83+04.0	S. B.			15.6
		STA. 83+21.0	S. B.			15.6
		STA. 83+80.0	S. B.			15.6
STATION EQUATION STA. 112+99 BK TO STA. 112+97.3 AH						
STA. 185+94.0	TO	STA. 187+62.0	N. B.	168	33.28	
		STA. 185+99.0	N. B.			15.6
		STA. 187+37.0	N. B.			15.6
STATION EQUATION STA. 188+05.7 BK TO STA. 188+02.7 AH						
STA. 188+62.0	TO	STA. 190+26.0	S. B.	164	45.88	
		STA. 188+87.0	S. B.			15.6
		STA. 190+21.0	S. B.			15.6
STA. 212+20.0	TO	STA. 215+11.0	S. B.	291		
		STA. 212+30.0	S. B.			15.6
		STA. 213+73.0	S. B.			15.6
		STA. 215+06.0	S. B.			15.6
STATION EQUATION STA. 227+41.0 BK TO STA. 64+00.0 AH						

PERFORMED PLASTIC PAVEMENT MARKING, TYPE B						
STATION TO STATION	LOCATION	LINE 6" (FT)	LINE 24" (FT)	LETTERS AND SYMBOLS (SQ FT)		
SPRESSOR ST.						
		STA. 10+62.0	LT.		29.4	
NOKOMIS RD.						
STA. 38+55.0	TO	STA. 39+20.0	LT.	64		
		STA. 38+55.0	LT.		32	
		STA. 38+82.0	LT.			41.6
STA. 38+59.0	TO	STA. 39+21.0	RT.	140.6		
		STA. 38+59.0	RT.		31	
		STA. 38+34.0	RT.			41.6
		STA. 39+97.0	RT.			41.6
E. MAIN CROSS & LINCOLN TRAIL						
		STA. 20+44.0	LT.		16.4	
		STA. 20+47.0	LT.		17.7	
		STA. 21+25.0	RT.		18.3	
		STA. 21+32.0	RT.		16.3	
MCADAM ST.						
		STA. 0+76.0	LT.		17.9	
		STA. 0+85.0	LT.		16.4	
		STA. 0+91.0	LT.			15.6
		STA. 1+00.0	LT.			15.6
				TOTALS	1933.00	274.56
						468.00

GUARD RAIL					
LOCATION	STEEL PLATE BEAM GUARD RAIL TY A (FOOT)	TRAFFIC BARRIER TERMINAL TY 1 SPECIAL (TANGENT) (EACH)	TRAFFIC BARRIER TERMINAL TY 6 (EACH)	TERMINAL MARKER DIRECT APPLIED (EACH)	STEEL PLATE BEAM GUARD RAIL REMOVAL (FOOT)
SN 011-0016 (RR STRUCTURE)					
NW QUADRANT	-	1	1	1	
NE QUADRANT	112.5	1	1	1	
SW QUADRANT	112.5	1	1	1	
SE QUADRANT	-	1	1	1	
SN 011-0016 SUB-TOTALS	225.0	4	4	4	312
SN 011-0010 (IL 29 STRUCTURE)					
SW QUADRANT	37.5	1	1	1	
NW QUADRANT	225.0	1	1	1	
SE QUADRANT	225.0	1	1	1	
NE QUADRANT	37.5	1	1	1	
SN 011-0010 SUB-TOTALS	525.0	4	4	4	378
TOTALS	750.0	8	8	8	690.0

NOTE: TEMPORARY PAVEMENT MARKING QUANTITIES ARE THE SAME VALUES AS PERMANENT PAVEMENT MARKING QUANTITIES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES
FA ROUTE 714 (IL 48)
SECTION (135)RS-6,TS
CHRISTIAN COUNTY**

SCALE: VERT. HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

RAISED REFLECTIVE PAVEMENT MARKERS SCHEDULE

STATION	TO	STATION	LENGTH (FT)	SPACING	TWO-WAY AMBER (EACH)	ONE-WAY AMBER (EACH)	ONE-WAY CRYSTAL (EACH)
STA. 0+00.0	TO	STA. 34+30.0	3430.0	1 @ 80'	43		
STA. 34+30.0	TO	STA. 54+05.0	3842.0	1 @ 40'		41	
STA. 42+54.0	TO	STA. 44+82.0	228.0	1 @ 40'			6
STA. 54+05.0	TO	STA. 68+12.0	1407.0	1 @ 80'	18		
STA. 68+12.0 BK	TO	STA. 23+54.0 AH					
STA. 23+54.0	TO	STA. 71+71.0	4817.0	1 @ 80'	61		
STA. 71+71.0	TO	STA. 91+20.0	3570.0	1 @ 40'		42	
STA. 77+78.0	TO	STA. 80+47.0	441.0	1 @ 40'			11
STA. 81+14.0	TO	STA. 83+85.0	435.0	1 @ 40'			11
STA. 91+20.0	TO	STA. 112+99.0	2179.0	1 @ 80'	28		
STA. 112+99.0 BK	TO	STA. 112+97.0 AH					
STA. 112+97.0	TO	STA. 179+74.0	6677.0	1 @ 80'	84		
STA. 179+74.0	TO	STA. 188+06.0	1576.0	1 @ 40'		40	
STA. 185+94.0	TO	STA. 187+62.0	168.0	1 @ 40'			5
STA. 188+06.0 BK	TO	STA. 188+03.0 AH					
STA. 188+62.0 BK	TO	STA. 190+26.0 AH	164.0	1 @ 40'			5
STA. 188+03.0	TO	STA. 196+38.0	1552.0	1 @ 40'		40	
STA. 196+38.0	TO	STA. 227+41.0	3103.0	1 @ 80'	40		
STA. 227+41.0 BK	TO	STA. 64+00.0 AH					
STA. 64+00.0	TO	STA. 64+35.0	35.0	1 @ 80'	1		
SUB-TOTAL					275	163	38
TOTAL						476	

RAISED REFLECTIVE PAVEMENT MARKERS REMOVAL

STATION TO STATION	QUANTITY (EACH)	
STA. 0+00.0 TO STA. 35+50.0	45	
STA. 35+50.0 TO STA. 52+85.0	14	
STA. 52+85.0 TO STA. 68+12.0	19	
STA. EQ. 68+12 BK = 23+54 AH		
STA. 23+54.0 TO STA. 72+91.0	62	
STA. 72+91.0 TO STA. 90+00.0	38	
STA. 90+00.0 TO STA. 112+99.0	29	
STA. EQ. 112+99 BK = 112+97 AH		
STA. 112+97.0 TO STA. 180+94.0	85	
STA. 180+94.0 TO STA. 188+06.0	25	
STA. EQ. 188+06 BK = 188+03 AH		
STA. 188+03.0 TO STA. 195+18.0	27	
STA. 195+18.0 TO STA. 227+41.0	41	
STA. EQ. 227+41 BK = 64+00 AH		
STA. 64+00.0 TO STA. 64+35.0	1	
TOTAL		386

SHORT-TERM PAVEMENT MARKING & WORK ZONE PAVEMENT MAKING REMOVAL SCHEDULE

STATION TO STATION	LOCATION	DESCRIPTION	LENGTH (FT)	QUANTITY		
				SHORT-TERM MARK	PAVT	WORK ZONE PAVT MR
				WHITE (FT)	YELLOW (FT)	(SQ FT)
IL48						
STA. 0+00.0 TO STA. 35+50.0	CENTER LINE	SKIP-DASH	3550.0		710	118.2
STA. 35+50.0 TO STA. 37+69.0	CENTER LINE	DOUBLE SKIP-DASH	438		87.6	14.6
STA. 42+54.0 TO STA. 44+82.0	CENTER LINE	SKIP-DASH	228.0	45.6		7.6
STA. 50+59.0 TO STA. 52+85.0	CENTER LINE	DOUBLE SKIP-DASH	452		90.4	15.1
STA. 52+85.0 TO STA. 68+12.3	CENTER LINE	SKIP-DASH	1527.3		305.46	50.9
STATION EQUATION STA. 68+12.3 BK TO STA. 23+53.9 AH						
STA. 23+53.9 TO STA. 72+91.0	CENTER LINE	SKIP-DASH	4937.1		987.412	164.4
STA. 72+91.0 TO STA. 73+88.0	CENTER LINE	SKIP-DASH	194.0		38.8	6.5
STA. 77+78.0 TO STA. 80+47.0	LANE LINE (RT)	SKIP-DASH	431.0	86.2		14.4
STA. 80+14.0 TO STA. 83+85.0	LANE LINE (LT)	SKIP-DASH	435	87		14.5
STA. 87+50.0 TO STA. 90+00.0	CENTER LINE	DOUBLE SKIP-DASH	500		100	16.7
STA. 90+00.0 TO STA. 112+99.0	CENTER LINE	SKIP-DASH	2299		459.8	76.6
STATION EQUATION STA. 112+99 BK TO STA. 112+97.3 AH						
STA. 112+97.3 TO STA. 180+94.0	CENTER LINE	SKIP-DASH	6797		1359.4	226.3
STA. 180+94.0 TO STA. 185+94.0	CENTER LINE	DOUBLE SKIP-DASH	1000.0		200	33.0
STA. 185+94.0 TO STA. 187+62.0	CENTER LINE AND LANE LINE	SKIP-DASH	336	33.6	33.6	11.2
STATION EQUATION STA. 188+05.7 BK TO STA. 188+02.7 AH						
STA. 188+62.0 TO STA. 190+26.0	CENTER LINE AND LANE LINE	SKIP-DASH	328	32.8	32.8	10.9
STA. 190+26.0 TO STA. 195+18.0	CENTER LINE	DOUBLE SKIP-DASH	984		196.8	32.8
STA. 195+18.0 TO STA. 227+41.0	CENTER LINE	SKIP-DASH	3223		644.6	107.3
STA. 211+19.0 TO STA. 215+11.0	LANE LINE	SKIP-DASH	392	78.4		13.1
STATION EQUATION STA. 227+41.0 BK TO STA. 64+00.0 AH						
STA. 64+00.0 TO STA. 64+35.0	CENTER LINE	SKIP-DASH	35		7	1.2
SPRESSER ST.						
STA. 10+62.0 TO STA. 11+38.2	CENTER LINE	SKIP-DASH	68		13.6	2.3
NOKOMIS RD.						
STA. 38+59.0 TO STA. 40+00.0	LANE LINE	SKIP-DASH	141	28.2		4.7
TO STA. 39+20.0	LANE LINE	SKIP-DASH	65	13		2.2
SUB TOTAL				404.8	5267.3	
TOTAL					5672	944

NOTE: SHORT-TERM PAVEMENT MARKING QUANTITIES ARE FOR TWO APPLICATIONS

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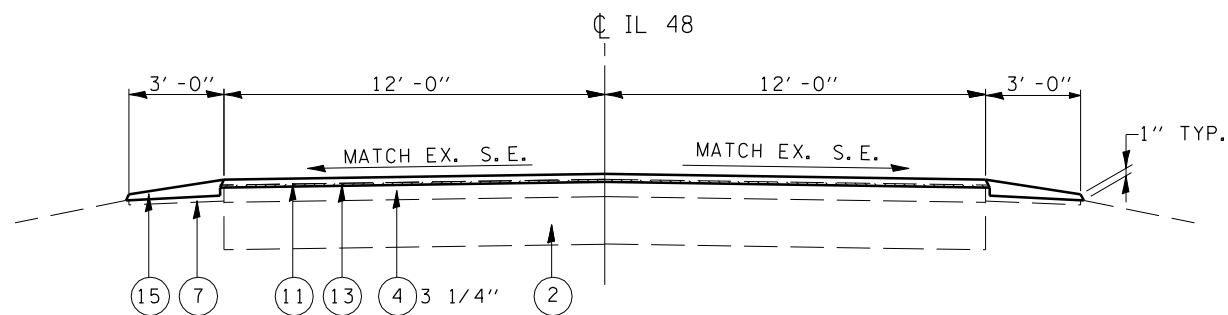
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF QUANTITIES
FA ROUTE 714 (IL 48)
SECTION (135)RS-6,TS
CHRISTIAN COUNTY

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	13
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION #3
FA 714

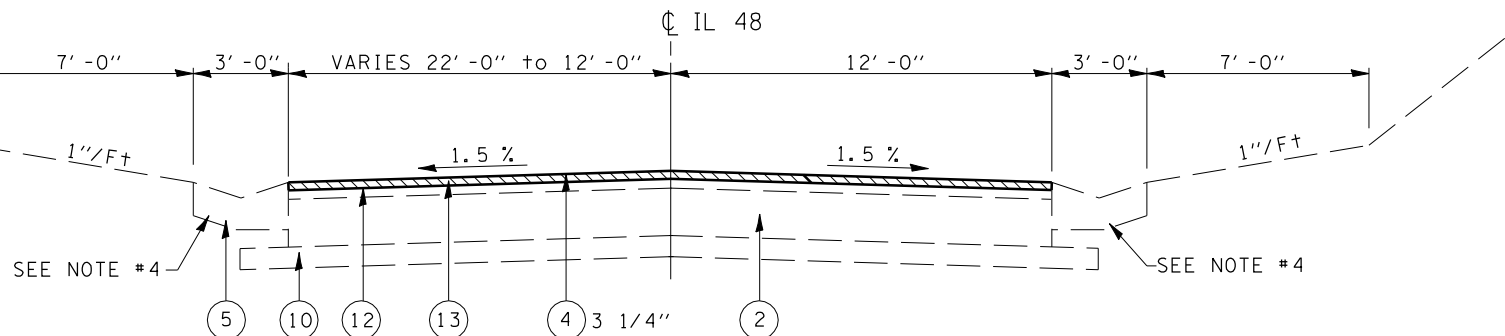
S.E. ATTN.
 STA. 9+30.40 TO STA. 11+19.60
 STA. 13+45.30 TO STA. 15+34.80
 STA. 52+84.90 TO STA. 53+79.80
 STA. 103+81.97 TO STA. 104+83.83
 STA. 112+28.07 TO STA. 112+99.14
 STA. EQ.: STA. 112+99.14 BK. = STA. 112+97.33 AH.
 STA. 112+97.33 TO STA. 113+78.88
 0.03' /'

S.E. ATTN.
 STA. 67+29.82 TO STA. 68+12.31
 STA. EQ.: STA. 68+12.31 BK. = STA. 23+53.94 AH.
 STA. 23+53.94 TO STA. 24+32.56
 STA. 46+97.82 TO STA. 48+62.98
 0.024' /'

S.E. ATTN.
 STA. 130+92.00 TO STA. 132+08.00
 STA. 167+29.00 TO STA. 168+45.00
 STA. 169+21.00 TO STA. 170+41.00
 STA. 199+30.40 TO STA. 200+72.20
 STA. 225+89.30 TO STA. 227+31.10
 0.02' /'

LEGEND

- ① EXISTING 9" P.C.C. PAVEMENT
- ② EXISTING P.C.C. BASE COURSE 9"
- ③ EXISTING P.C.C. WIDENING
- ④ EXISTING BITUMINOUS CONCRETE OVERLAY
- ⑤ EXISTING GUTTER, TYPE A
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑧ EXISTING CURB AND GUTTER
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑪ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- ⑬ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- ⑭ PROPOSED HOT-MIX ASPHALT SHOULDER (2")
- ⑮ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑯ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2"

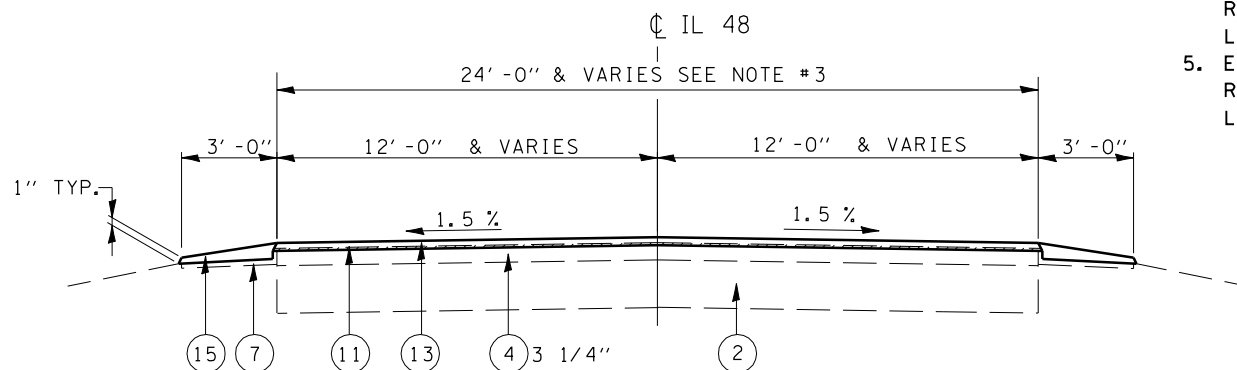


TYPICAL SECTION #2
FA 714

STA. 50+59.00 TO STA. 52+84.90

NOTES:

3. STA. 35+50 TO STA. 37+67.80 VARIES FROM 24' -0" TO 30' -6"
 STA. 69+07.58 TO STA. 73+86.00 VARIES FROM 24' -0" TO 31' -6"
 STA. 87+51.00 TO STA. 91+30.00 VARIES FROM 31' -6" TO 24' -0"
4. EXISTING GUTTER TYPE A ENDS:
 RT. STA. 54+52.5
 LT. STA. 56+63.80
5. EXISTING SIDEWALK TO REMAIN IN PLACE:
 RT. STA. 53+09 TO STA. 54+01
 LT. STA. 53+78 TO STA. 54+76



TYPICAL SECTION #1
FA 714

STA. EQ.: STA. 997+36.49 BK. = STA. 0+00.00 AH.
 STA. 0+00 TO STA. 9+30.40
 STA. 11+19.60 TO STA. 13+45.30
 STA. 15+34.80 TO STA. 37+67.98
 STA. 53+79.80 TO STA. 67+29.82

STA. 24+32.56 TO STA. 46+97.82
 STA. 48+62.98 TO STA. 73+86.00
 STA. 87+51.00 TO STA. 103+81.97
 STA. 104+83.83 TO STA. 112+28.07
 STA. 113+78.88 TO STA. 130+92.00
 STA. 132+08.00 TO STA. 167+29.00

STA. 168+45.00 TO STA. 169+21.00
 STA. 170+41.00 TO STA. 180+73.00
 STA. 196+70.00 TO STA. 199+30.40
 STA. 200+72.20 TO STA. 208+79.00
 STA. 217+98.00 TO STA. 225+89.30

NOTES:

1. MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. 1/2" AS REQUIRED TO MAINTAIN SUPER ELEVATED SECTION.

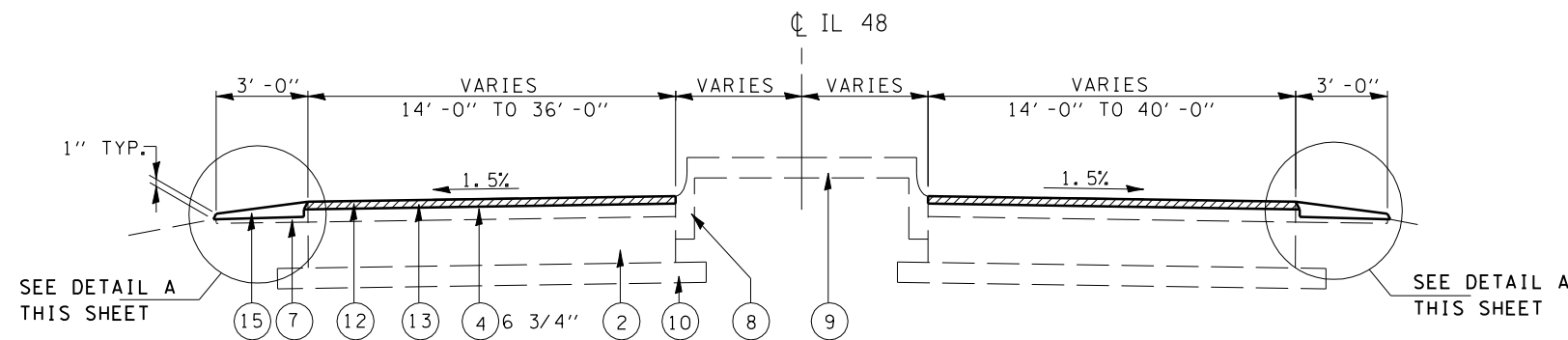
REVISIONS	
NAME	DATE
KWA	02/06/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

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

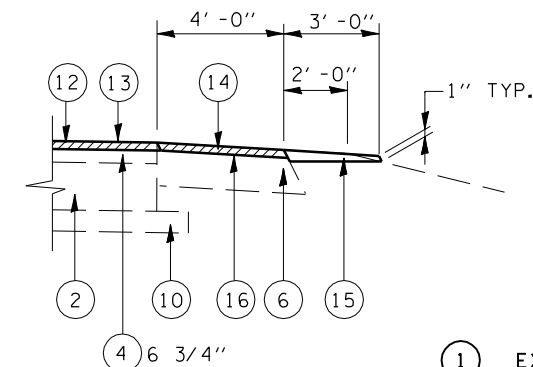
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	14
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION #6
FA 714

STA. 73+86.00 TO STA. 87+51.00

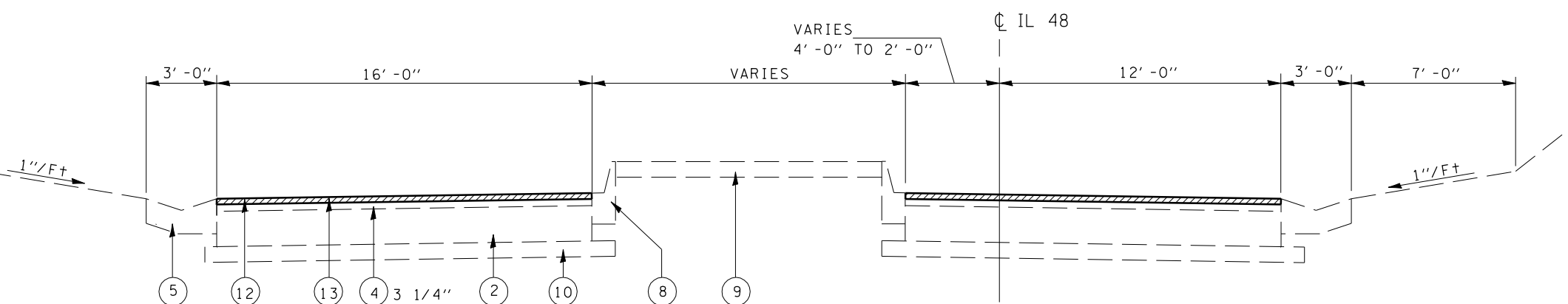


DETAIL A

LIMITS OF EXISTING BITUMINOUS SHOULDERS:
RT. STA. 75+81.00 TO STA. 82+42.55
LT. STA. 79+14.00 TO STA. 85+82.00

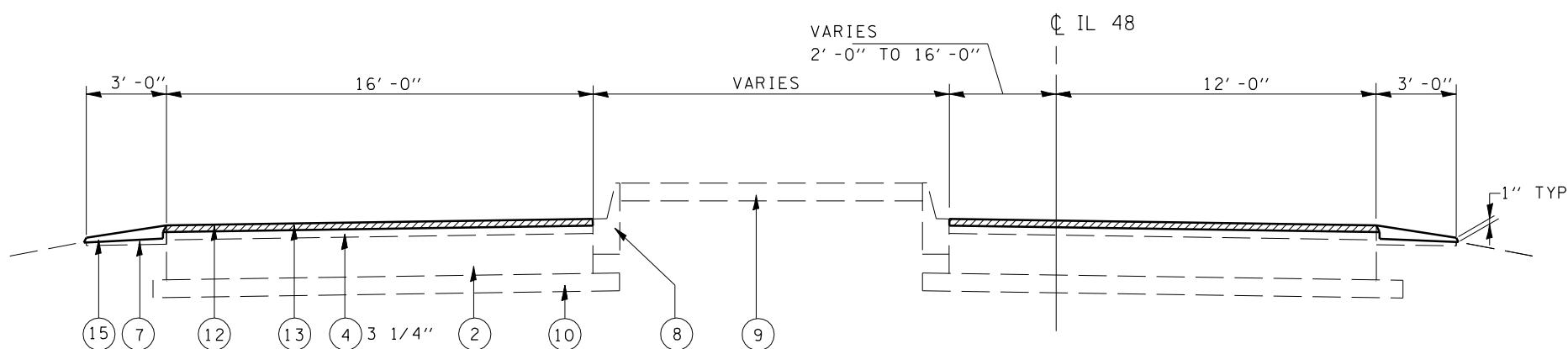
LEGEND

- ① EXISTING 9" P.C.C. PAVEMENT
- ② EXISTING P.C.C. BASE COURSE 9"
- ③ EXISTING P.C.C. WIDENING
- ④ EXISTING BITUMINOUS CONCRETE OVERLAY
- ⑤ EXISTING GUTTER, TYPE A
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑧ EXISTING CURB AND GUTTER
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑪ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- ⑬ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- ⑭ PROPOSED HOT-MIX ASPHALT SHOULDER (2")
- ⑮ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑯ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2"



TYPICAL SECTION #5
FA 714

STA. 48+00.00 TO STA. 50+59.00



TYPICAL SECTION #4
FA 714

STA. 37+67.98 TO STA. 48+00.00

NOTES:

1. MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
2. 1/2" AS REQUIRED TO MAINTAIN SUPER ELEVATED SECTION.

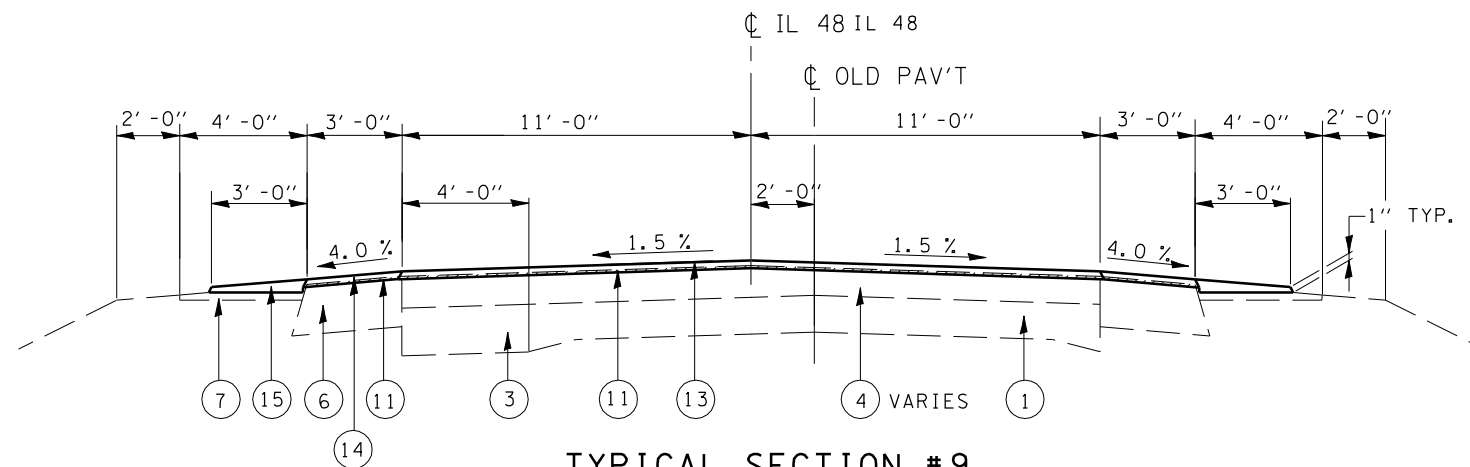
REVISIONS	
NAME	DATE
KWA	02/06/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

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

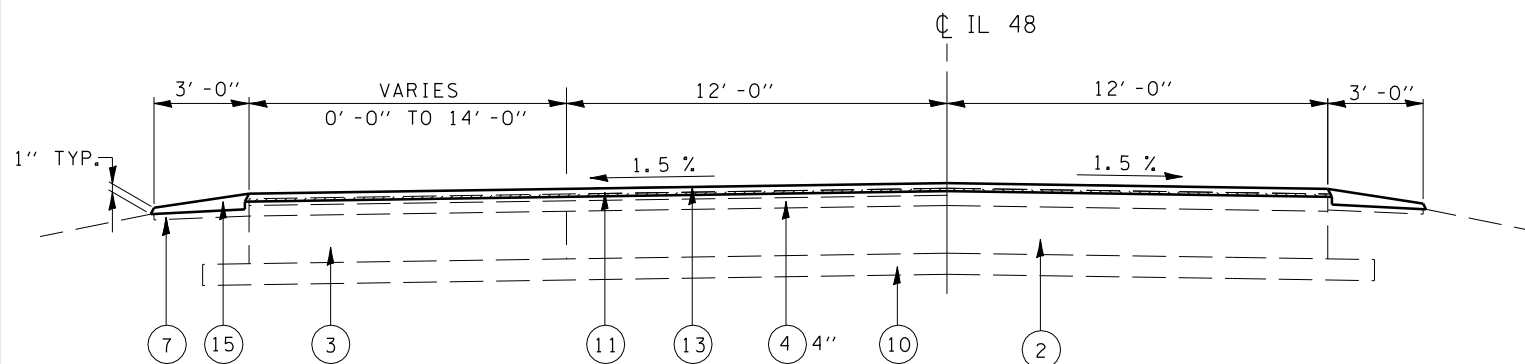
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DATE-TIME
REF01
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	



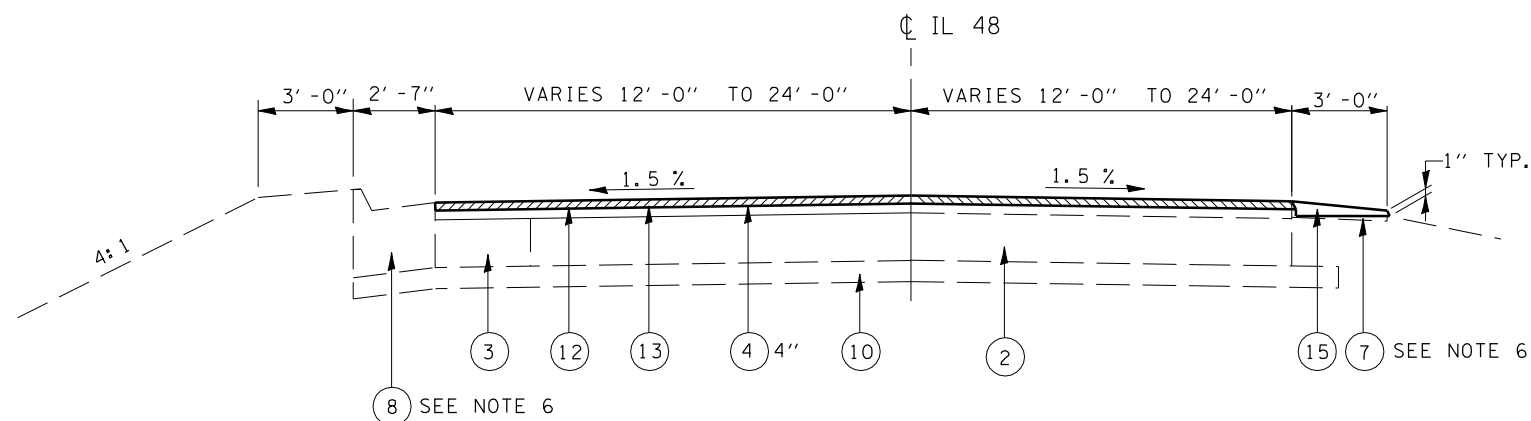
TYPICAL SECTION #9
FA 714

STA. 227+31.10 TO STA. 227+41.20
STA. EQ.: STA. 227+41.20 BK = STA. 64+00.00 AH
STA. 64+00.00 TO STA. 64+20.00



TYPICAL SECTION #8
FA 714

STA. 208+79.00 TO STA. 217+98.00



TYPICAL SECTION #7
FA 714

STA. 180+73.00 TO STA. 188+05.74
STA. EQ.: STA. 188+05.74 BK. = STA. 188+02.67 AH.
STA. 188+02.67 TO STA. 196+70.00

NOTES:

- LIMITS OF EXISTING CURB AND GUTTER:
RT. STA. 185+62.50 TO STA. 189+23.87
LT. STA. 187+13.00 TO STA. 190+04.00

LEGEND

- ① EXISTING 9" P.C.C. PAVEMENT
- ② EXISTING P.C.C. BASE COURSE 9"
- ③ EXISTING P.C.C. WIDENING
- ④ EXISTING BITUMINOUS CONCRETE OVERLAY
- ⑤ EXISTING GUTTER, TYPE A
- ⑥ EXISTING BITUMINOUS SHOULDER
- ⑦ EXISTING AGGREGATE SHOULDER, TYPE B
- ⑧ EXISTING CURB AND GUTTER
- ⑨ EXISTING CONCRETE MEDIAN SURFACE, 4"
- ⑩ EXISTING SUB-BASE GRANULAR MATERIAL
- ⑪ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)
- ⑫ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2"
- ⑬ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- ⑭ PROPOSED HOT-MIX ASPHALT SHOULDER (2")
- ⑮ PROPOSED AGGREGATE SHOULDER, TYPE B
- ⑯ PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL 2"

NOTES:

- MILL 1/2" MIN. AT CL AND MAINTAIN 1.5% SLOPE ON TANGENT SECTIONS.
- 1/2" AS REQUIRED TO MAINTAIN SUPER ELEVATED SECTION.

REVISIONS	
NAME	DATE

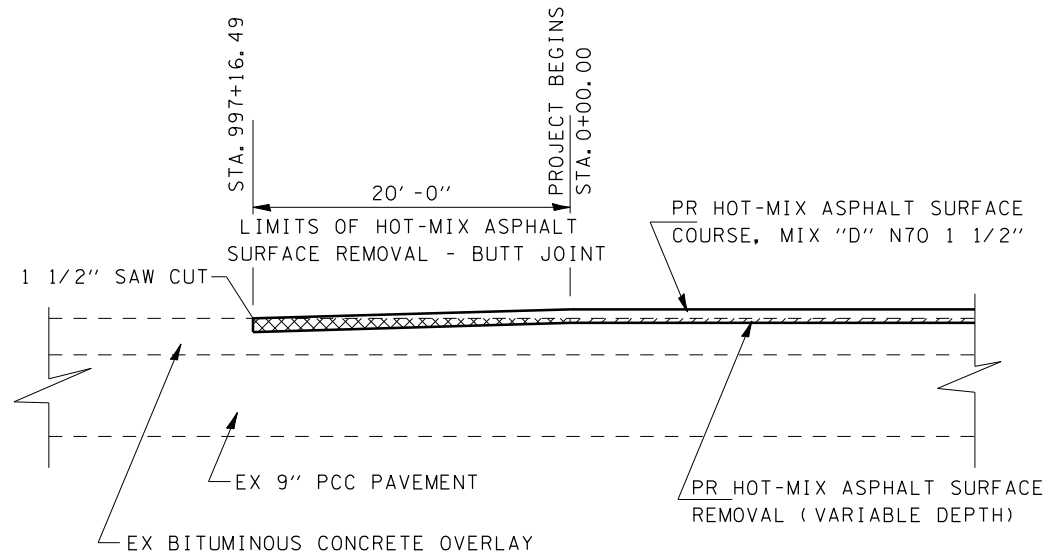
ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT.
HORIZ.

DRAWN BY
CHECKED BY

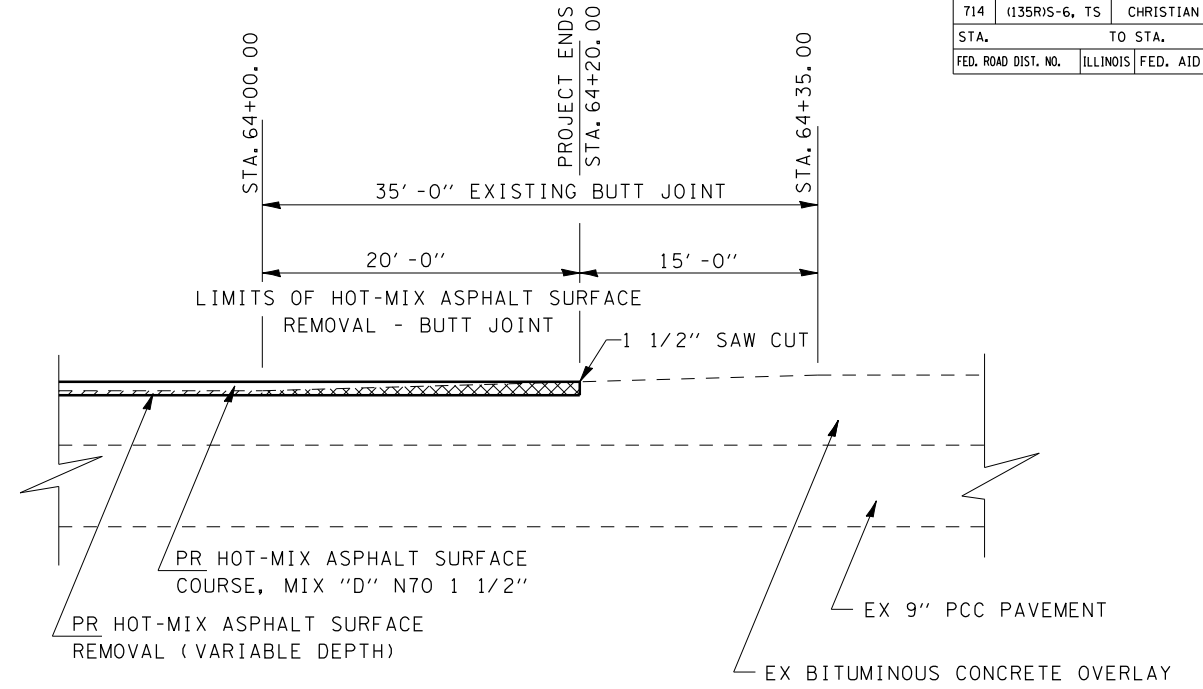
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



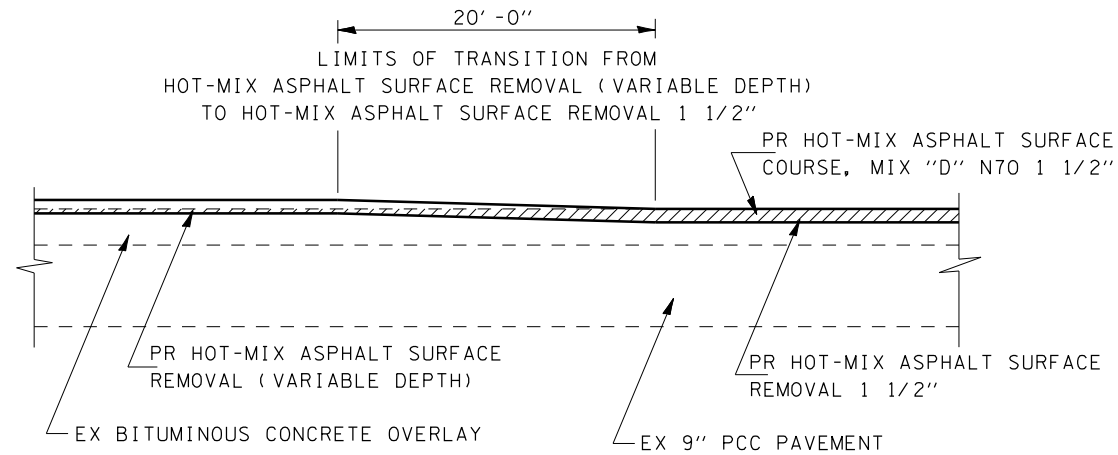
BUTT JOINT DETAIL

STA. 997+16.49 TO STA. 0+00.00
 STA. EQ.: STA. 997+36.49 BK. = STA. 0+00.00 AH.



BUTT JOINT DETAIL

STA. EQ.: STA. 227+31.10 BK. = STA. 64+00.00 AH.
 STA. 64+00.00 TO STA. 64+20.00



MILLING TRANSITION DETAIL

LIMITS OF TRANSITION FROM HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH) TO HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2" TO BE INCLUDED AND PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL 1 1/2".

REVISIONS	
NAME	DATE

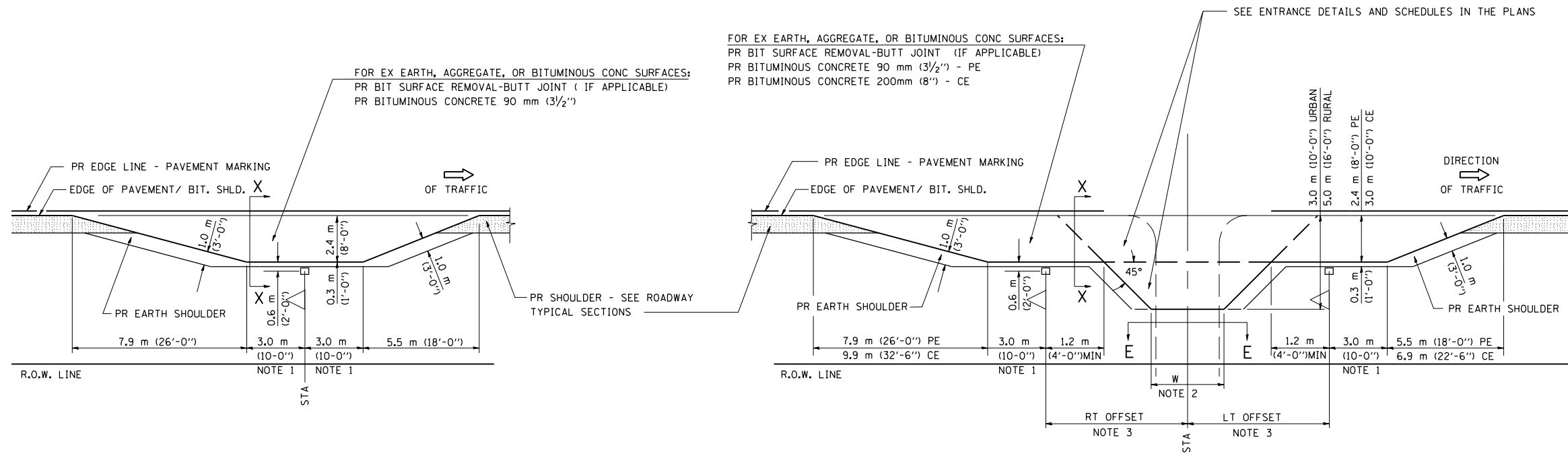
ILLINOIS DEPARTMENT OF TRANSPORTATION
BUTT JOINT & TRANSITION DETAILS
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6	CHRISTIAN	47	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

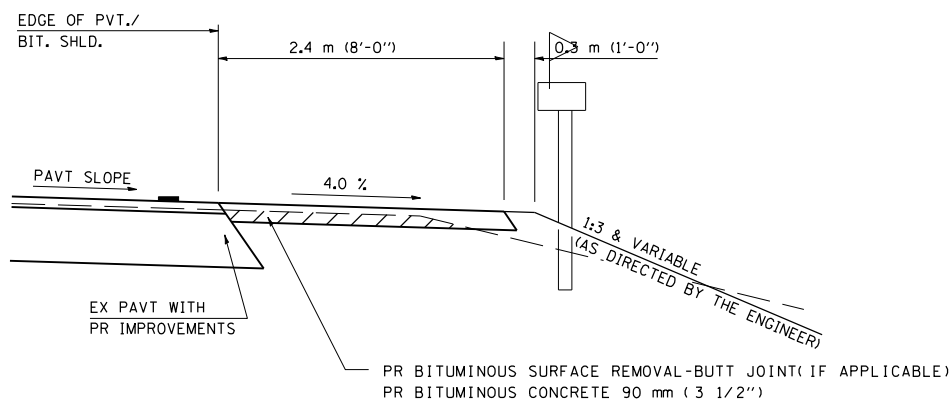
DIRECTION

DETAILS OF MAILBOX TURNOUTS



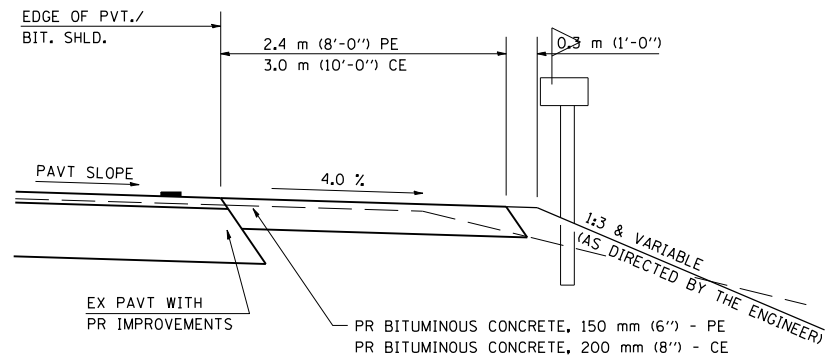
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



SECTION X-X THRU MAILBOX TURNOUT
 ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
 EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE

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



SECTION X-X THRU MAILBOX TURNOUT
 COMBINED WITH EX BITUMINOUS CONC & PC CONC PE & CE

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

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

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

SHEET 2 OF 3

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

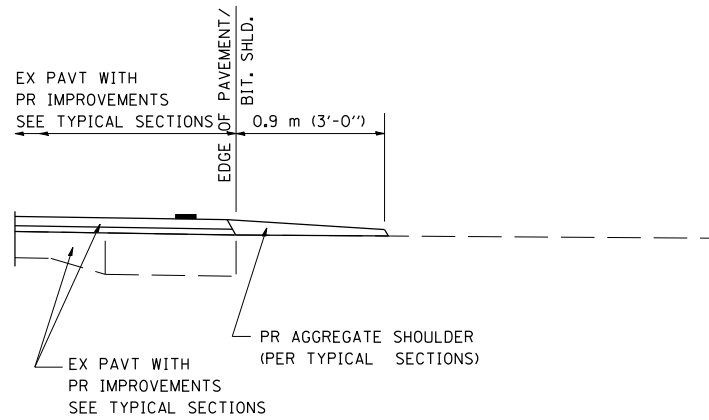
ILLINOIS DEPARTMENT OF TRANSPORTATION
DISTRICT SIX
ENTRANCE, MAILBOX TURNOUT
& SIDEROADS
W/ O CONCRETE GUTTER
(PPP - PROJECTS)

SCALE: VERT.
 HORIZ.
 DATE: FEBRUARY 23, 1999

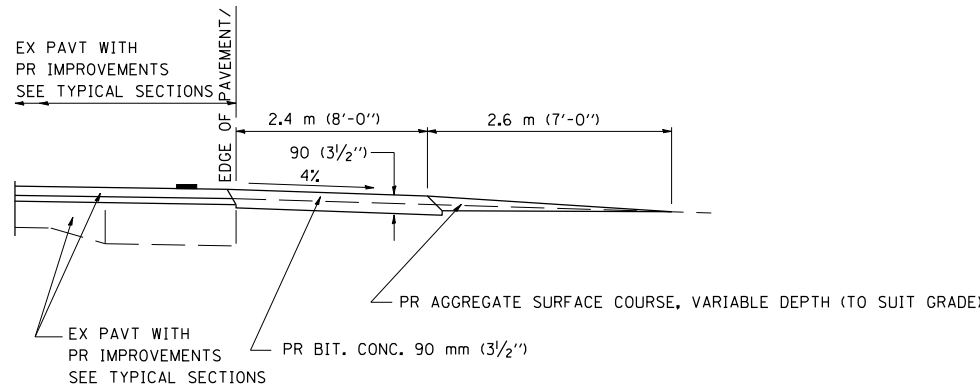
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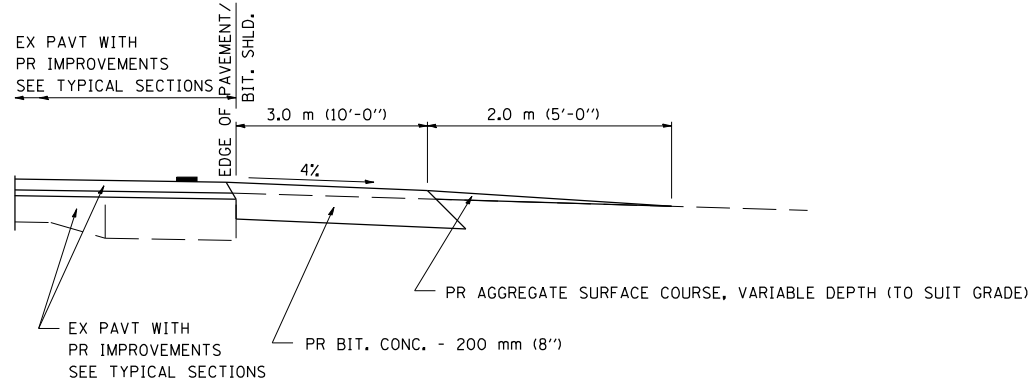
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6	CHRISTIAN	47	18
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



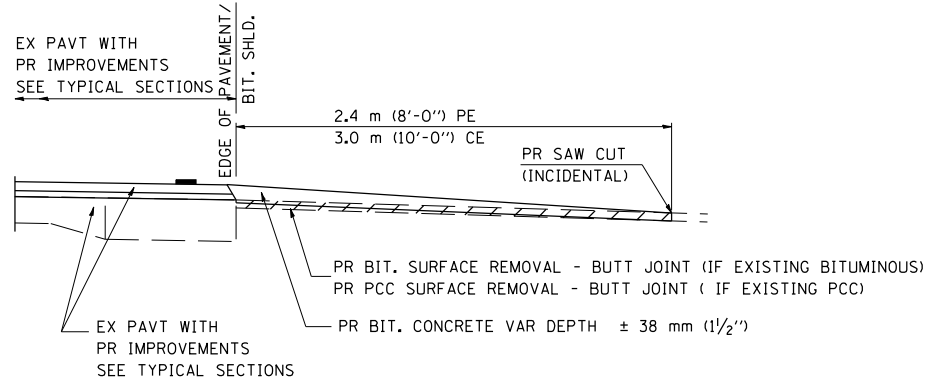
SECTION A-A FOR EX EARTH/AGGREGATE FE



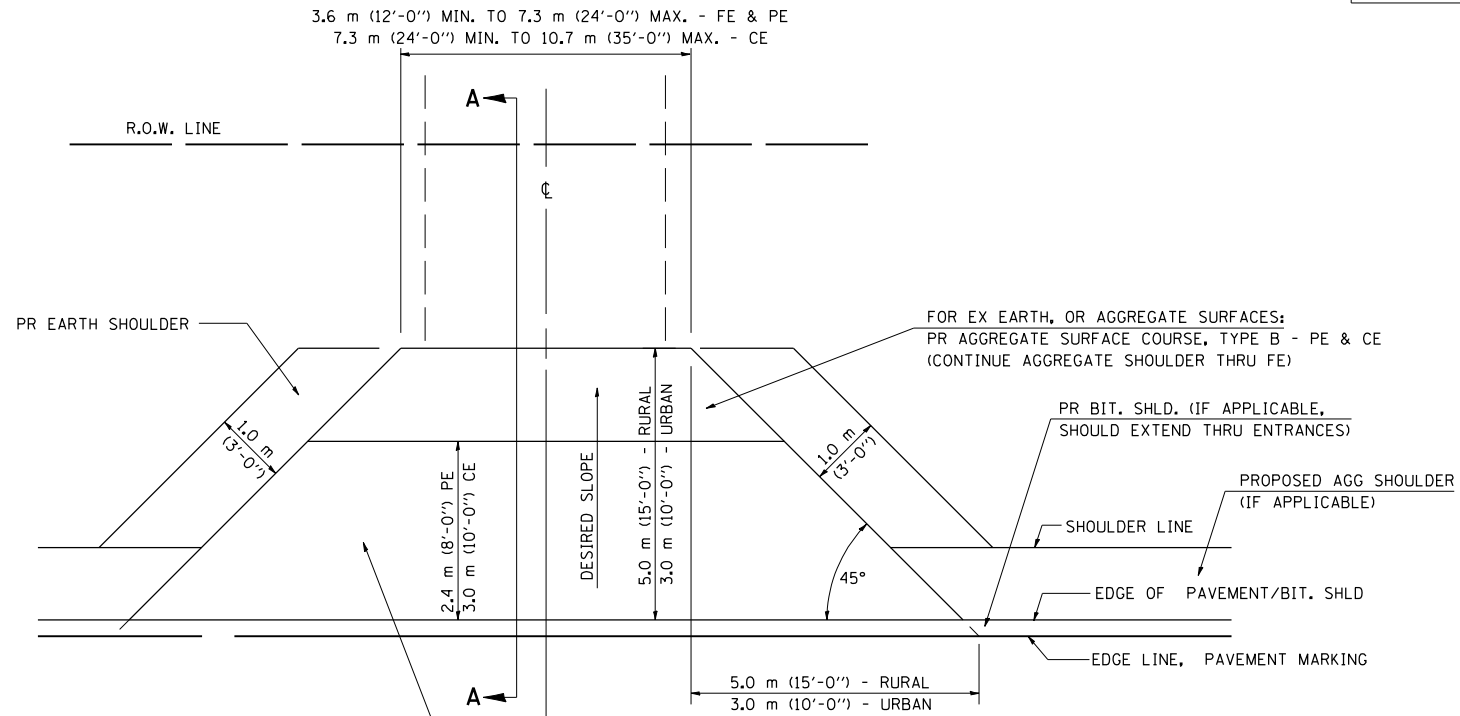
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



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



FOR EX EARTH OR AGGREGATE SURFACES:
 PR BIT SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE
 PR BITUMINOUS CONCRETE 200mm (8") - CE

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

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

GENERAL NOTES:

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

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

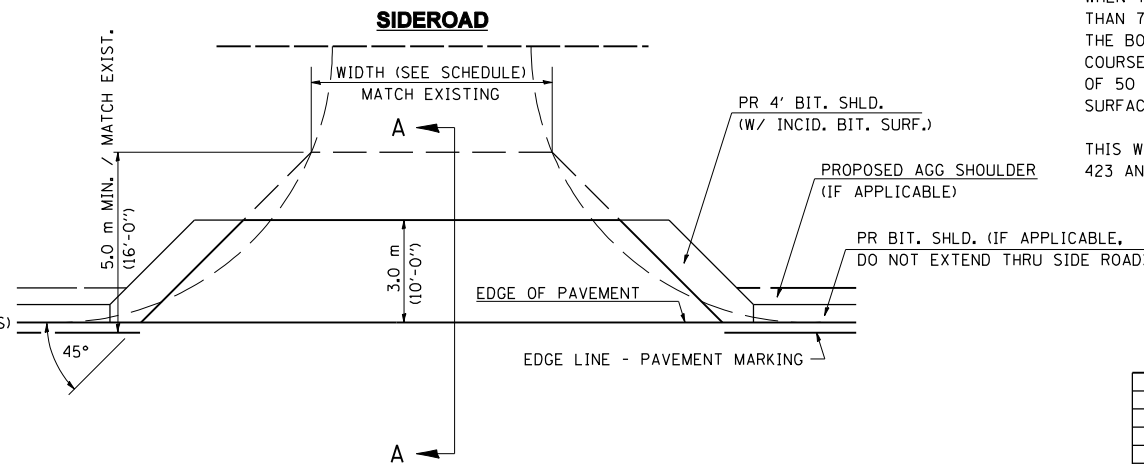
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

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

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

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



NOTE : IF BIT. SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

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

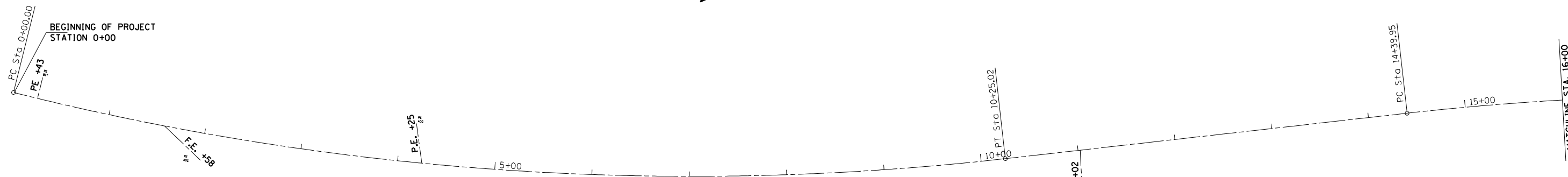
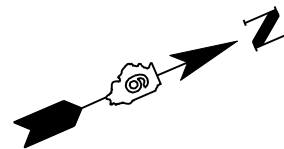
ILLINOIS DEPARTMENT OF TRANSPORTATION

(PPP - PROJECTS)

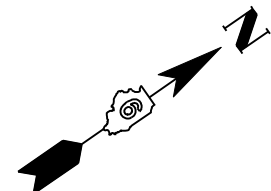
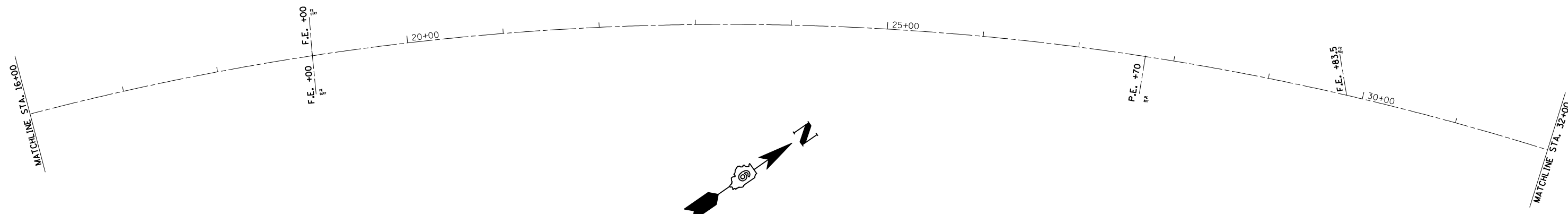
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 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	20
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE 2300
 PI STA. = 5+18.05
 Δ = 20° 29' 57" (LT)
 D = 2° 00' 00"
 R = 2,864.97'
 T = 518.05'
 L = 1,025.02'
 E = 46.46'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 0+00.00
 P.T. STA. = 10+25.02



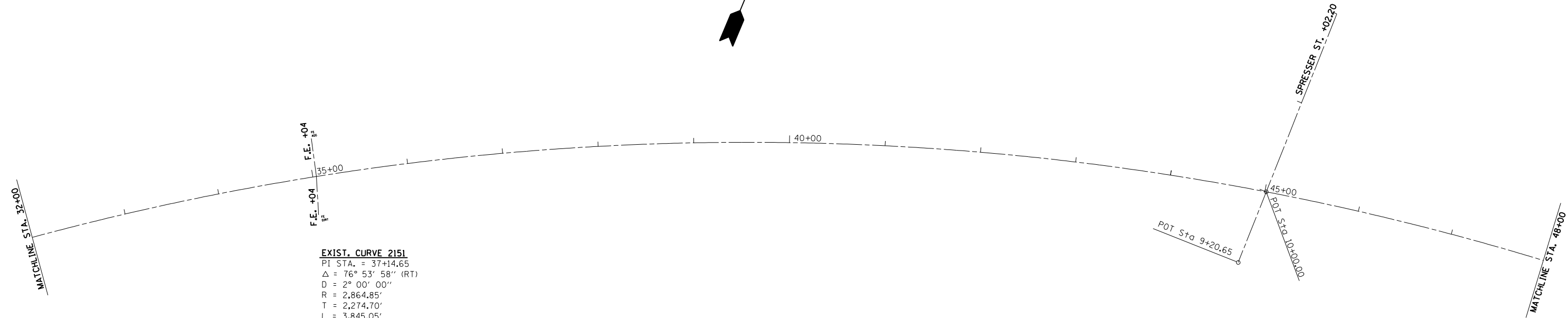
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 PLOT SCALE = \$SCALE\$
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REVISIONS	
NAME	DATE

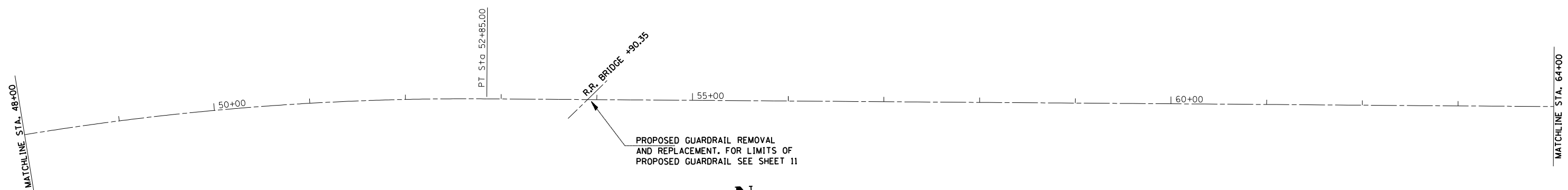
ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE 2151
 PI STA. = 37+14.65
 Δ = 76° 53' 58" (RT)
 D = 2° 00' 00"
 R = 2,864.85'
 T = 2,274.70'
 L = 3,845.05'
 E = 793.24'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 14+39.95
 P.T. STA. = 52+85.00



PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

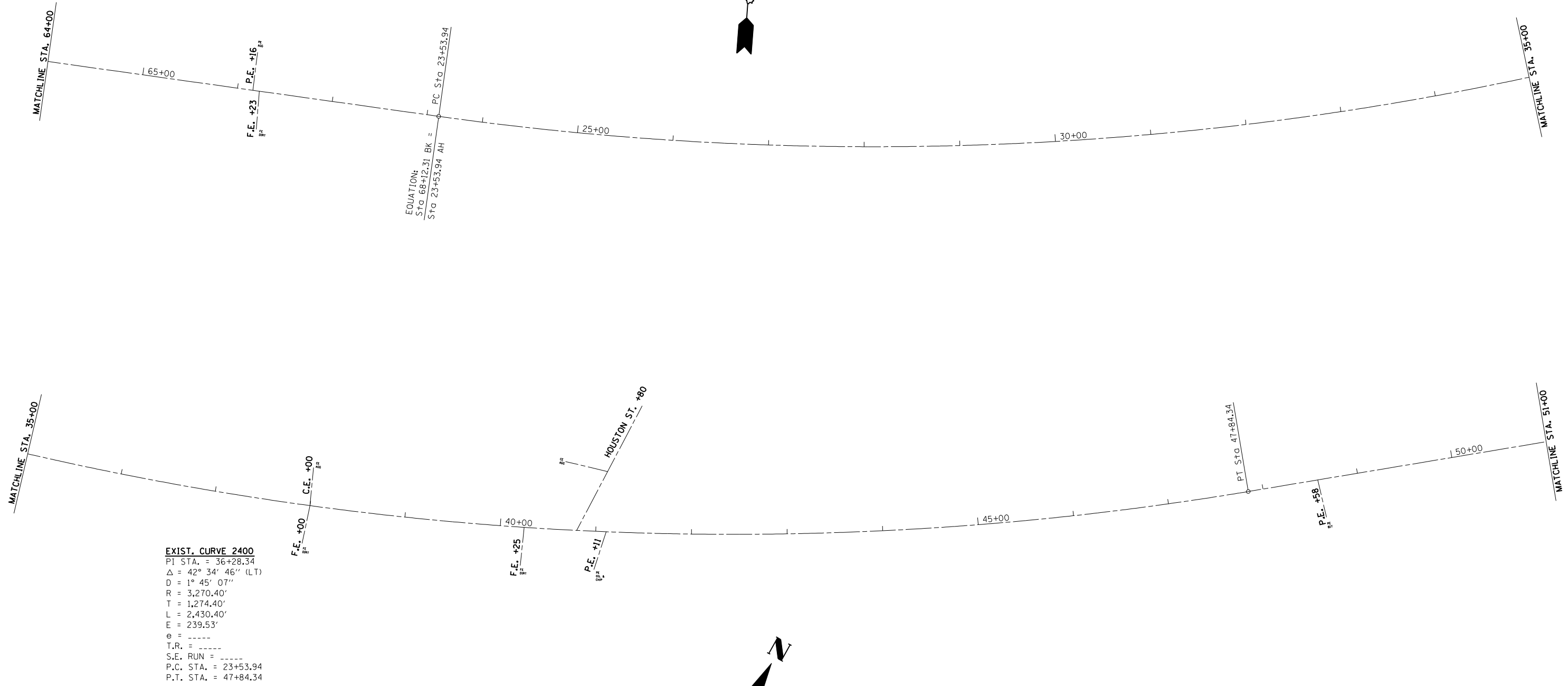
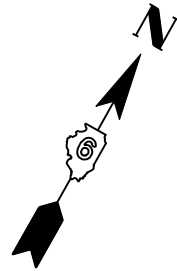
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE: _____

DRAWN BY: _____
 CHECKED BY: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	22
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EQUATION:
 STA 68+12.31 BK =
 STA 23+53.94 AH

EXIST. CURVE 2400
 PI STA. = 36+28.34
 $\Delta = 42^\circ 34' 46''$ (LT)
 $D = 1^\circ 45' 07''$
 $R = 3,270.40'$
 $T = 1,274.40'$
 $L = 2,430.40'$
 $E = 239.53'$
 $e = \text{-----}$
 $T.R. = \text{-----}$
 $S.E. RUN = \text{-----}$
 $P.C. STA. = 23+53.94$
 $P.T. STA. = 47+84.34$

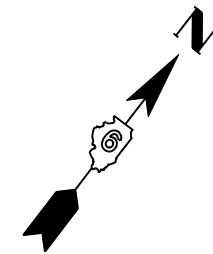
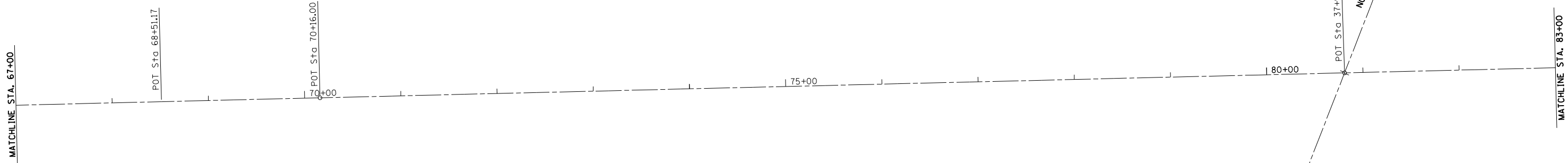
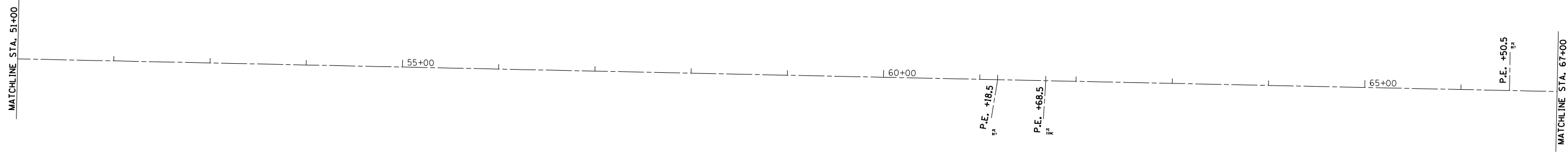
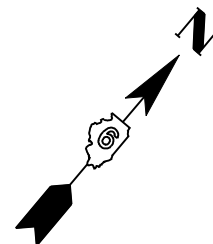
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	23
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



REVISIONS	
NAME	DATE

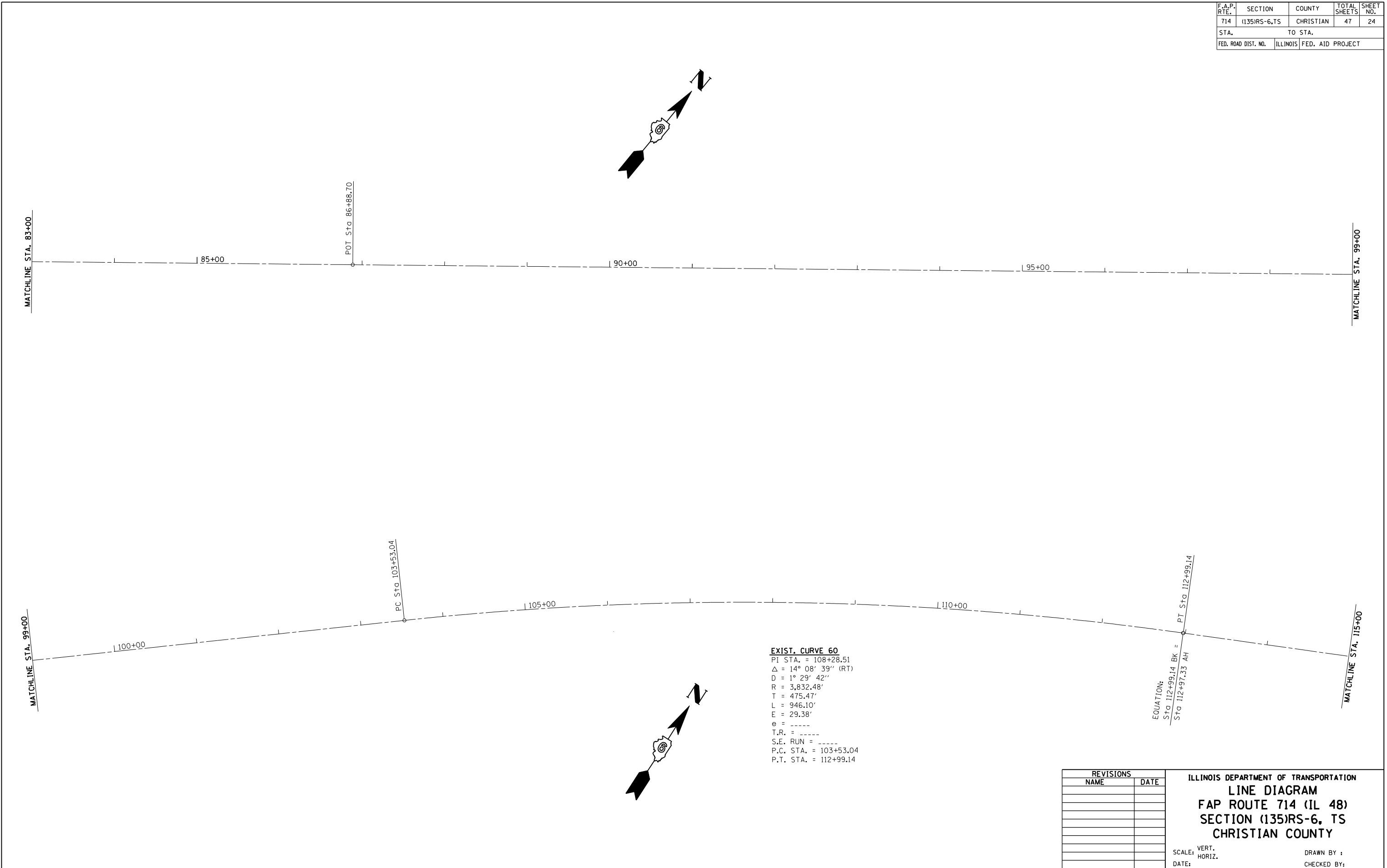
ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE: _____ DRAWN BY: _____
 CHECKED BY: _____

PLOT DATE : \$DATE\$
 FILE NAME : \$FILEL\$
 PLOT SCALE : \$SCALE\$
 USER NAME : \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE 60
 PI STA. = 108+28.51
 Δ = 14° 08' 39" (RT)
 D = 1° 29' 42"
 R = 3,832.48'
 T = 475.47'
 L = 946.10'
 E = 29.38'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 103+53.04
 P.T. STA. = 112+99.14

EQUATION:
 Sta 112+99.14 BK =
 Sta 112+97.33 AH

PLOT DATE : #DATE\$
 FILE NAME : #FILEL\$
 PLOT SCALE : #SCALE\$
 USER NAME : #USER\$

REVISIONS	
NAME	DATE

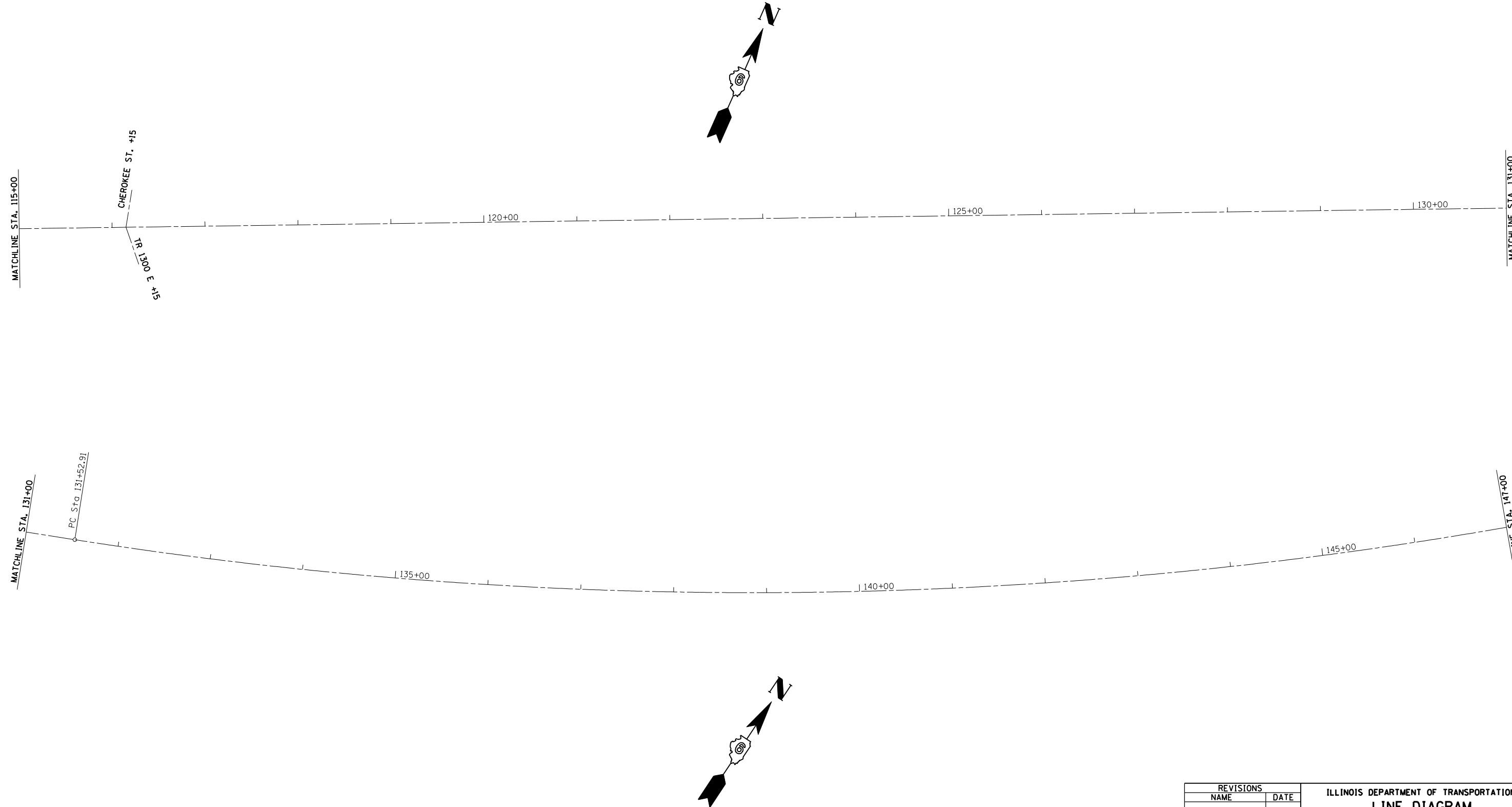
ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE: _____

DRAWN BY : _____
 CHECKED BY: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	25
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE : \$DATE\$
 FILE NAME : \$FILEL\$
 PLOT SCALE : \$SCALE\$
 USER NAME : \$USER\$

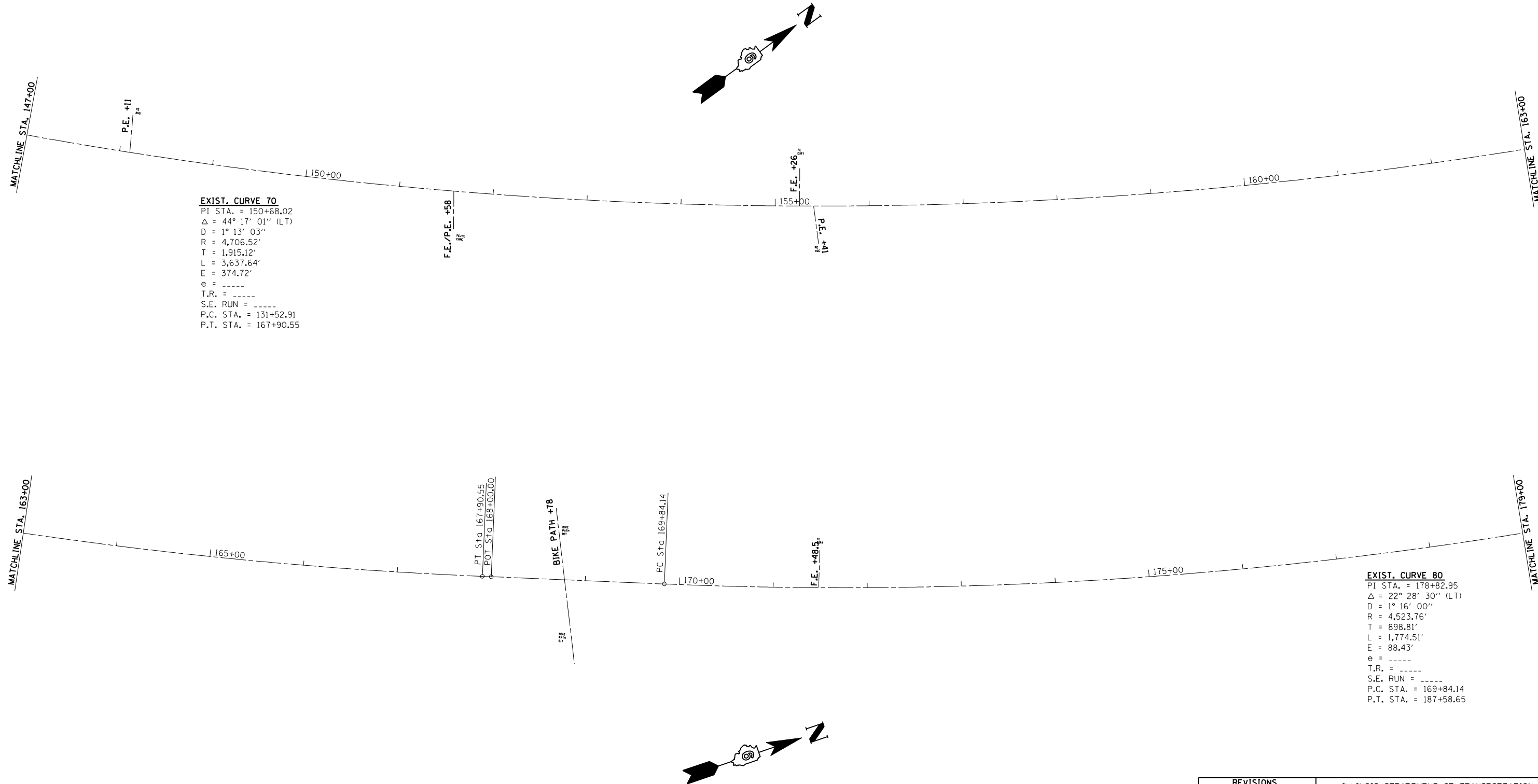
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____
 DATE: _____

DRAWN BY : _____
 CHECKED BY: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6, TS	CHRISTIAN	47	26
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE 70
 PI STA. = 150+68.02
 Δ = 44° 17' 01" (LT)
 D = 1° 13' 03"
 R = 4,706.52'
 T = 1,915.12'
 L = 3,637.64'
 E = 374.72'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 131+52.91
 P.T. STA. = 167+90.55

EXIST. CURVE 80
 PI STA. = 178+82.95
 Δ = 22° 28' 30" (LT)
 D = 1° 16' 00"
 R = 4,523.76'
 T = 898.81'
 L = 1,774.51'
 E = 88.43'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 169+84.14
 P.T. STA. = 187+58.65

PLOT DATE = #DATE#
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#

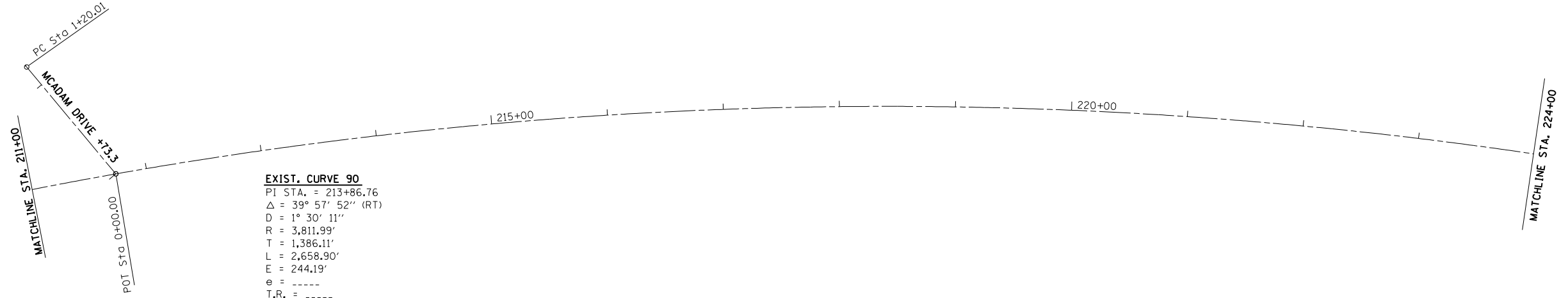
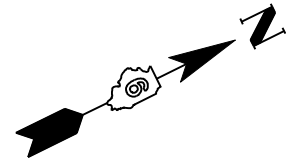
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

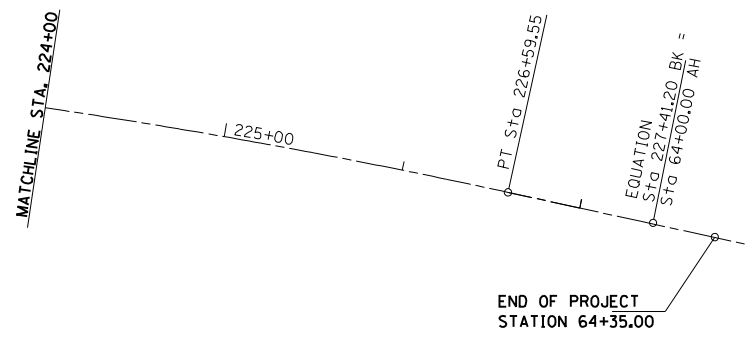
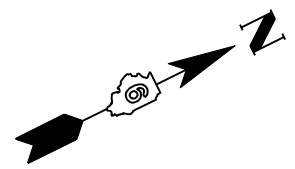
SCALE: VERT. _____
 HORIZ. _____
 DATE: _____

DRAWN BY: _____
 CHECKED BY: _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	28
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



EXIST. CURVE 90
 PI STA. = 213+86.76
 Δ = 39° 57' 52'' (RT)
 D = 1° 30' 11''
 R = 3,811.99'
 T = 1,386.11'
 L = 2,658.90'
 E = 244.19'
 e = -----
 T.R. = -----
 S.E. RUN = -----
 P.C. STA. = 200+00.65
 P.T. STA. = 226+59.55



END OF PROJECT
 STATION 64+35.00

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LINE DIAGRAM
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

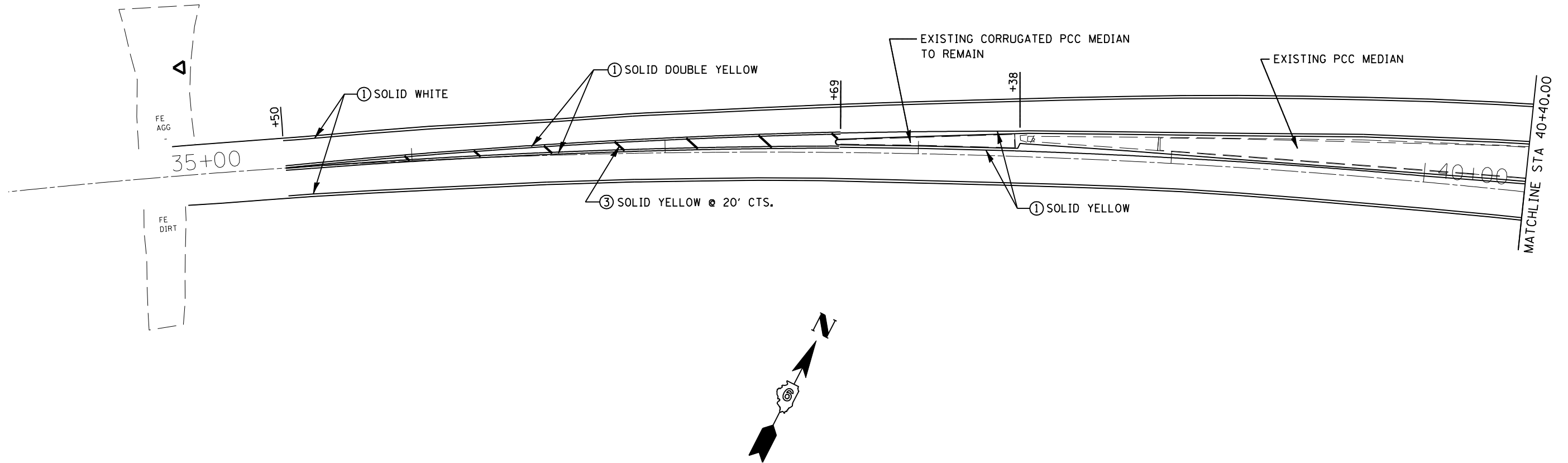
SCALE: VERT. _____
 HORIZ. _____

DATE: _____ DRAWN BY: _____
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



PLOT DATE : \$DATE\$
 FILE NAME : \$FILEL\$
 PLOT SCALE : \$SCALE\$
 USER NAME : \$USER\$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AND SPRESSER ST
PAVEMENT MARKING
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

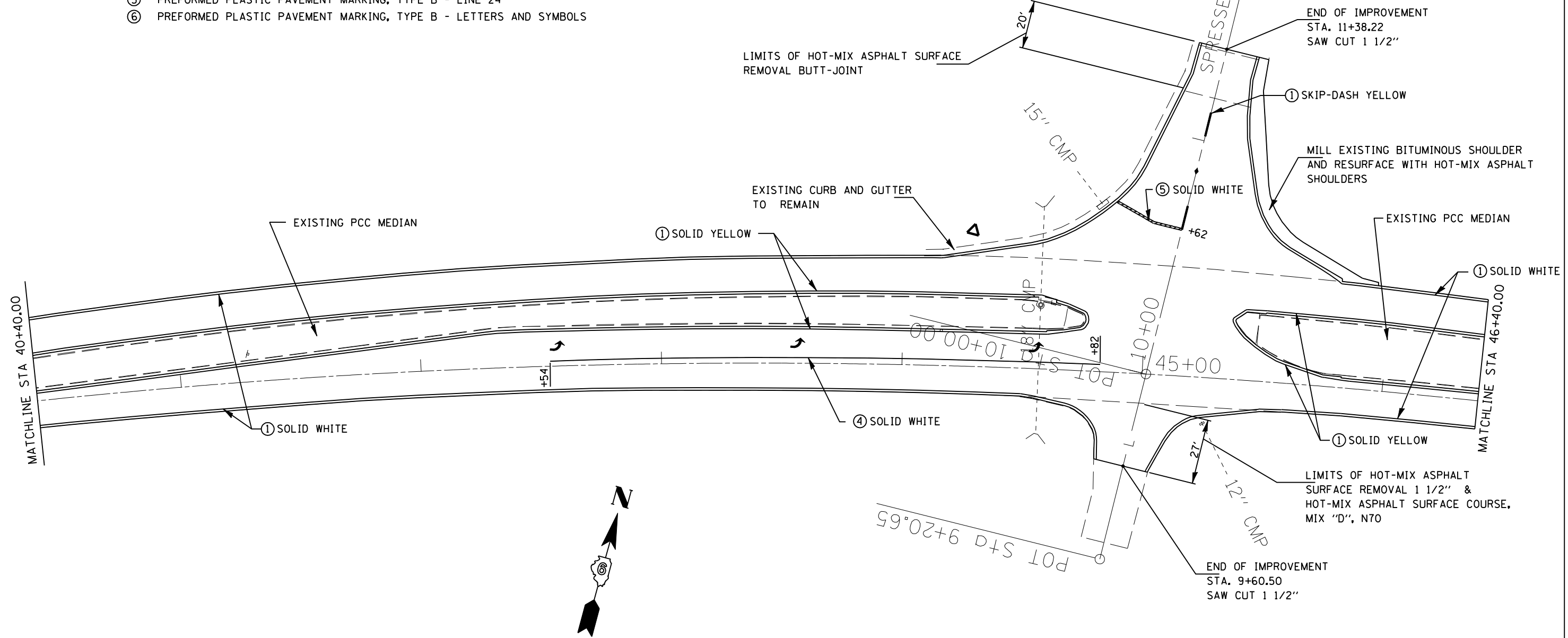
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	30
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AND SPRESSER ST
PAVEMENT MARKING
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

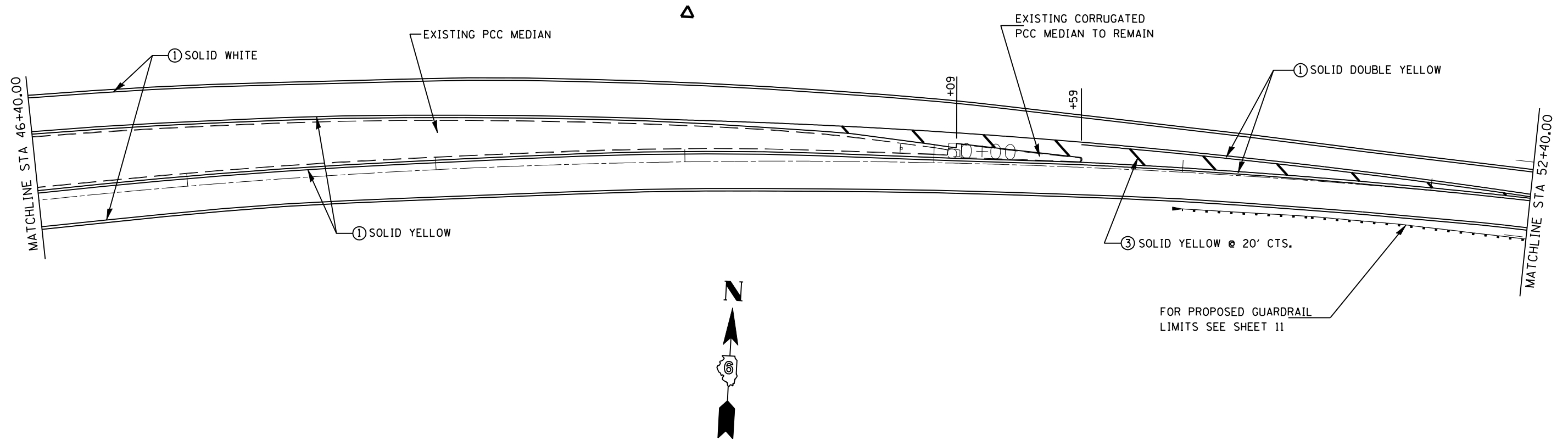
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 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	31
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



PLOT DATE : \$DATE\$
 FILE NAME : \$FILEL\$
 PLOT SCALE : \$SCALE\$
 USER NAME : \$USER\$

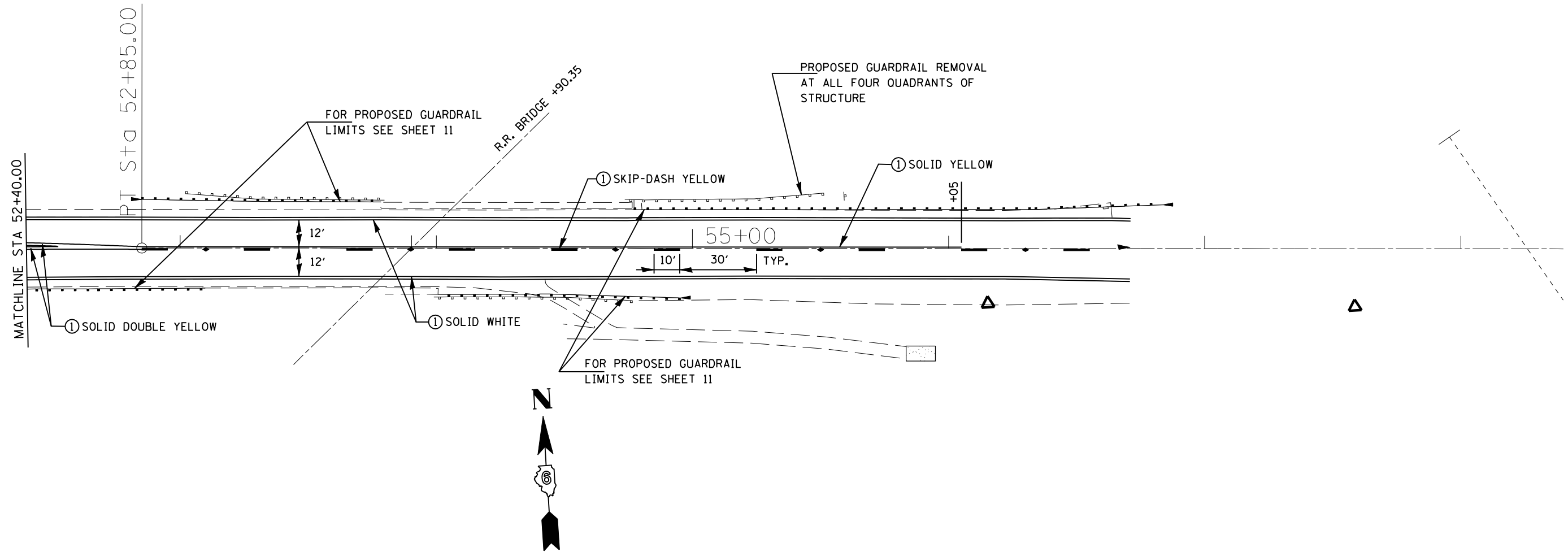
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AND SPRESSER ST
PAVEMENT MARKING
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY
 SCALE: VERT. _____
 HORIZ. _____
 DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	32
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



PLOT DATE : \$DATE\$
 FILE NAME : \$FILEL\$
 PLOT SCALE : \$SCALE\$
 USER NAME : \$USER\$

REVISIONS	
NAME	DATE

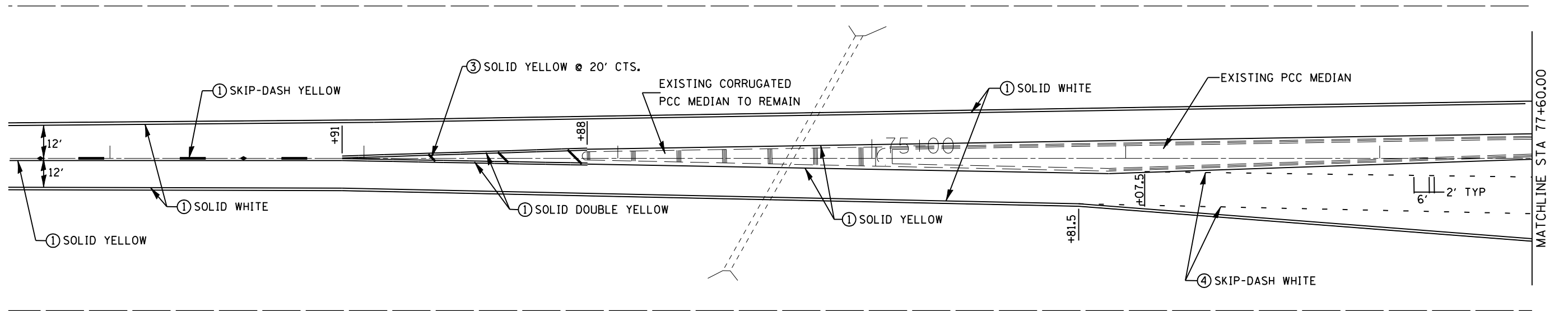
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AND SPRESSER ST
PAVEMENT MARKING
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	33
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



PLOT DATE = \$DATE\$
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 PLOT SCALE = \$SCALE\$
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AND NOKOMIS RD.
PAVEMENT MARKING
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

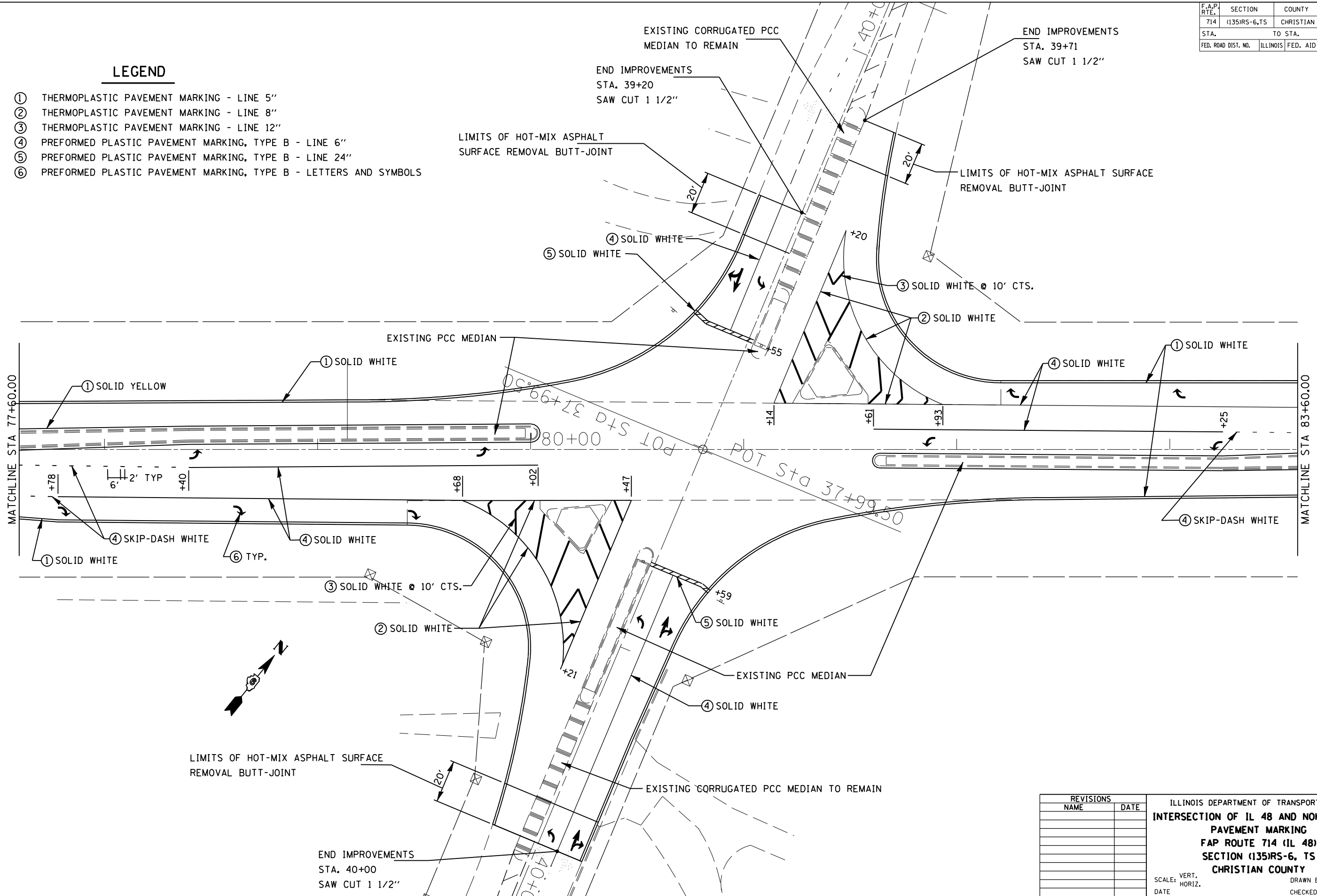
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	34
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AND NOKOMIS RD.
PAVEMENT MARKING
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

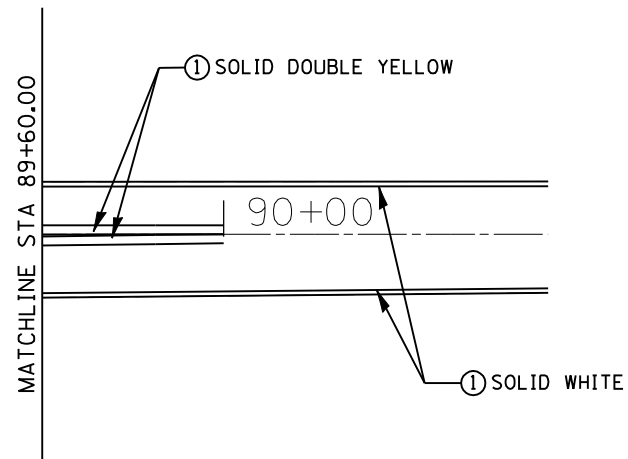
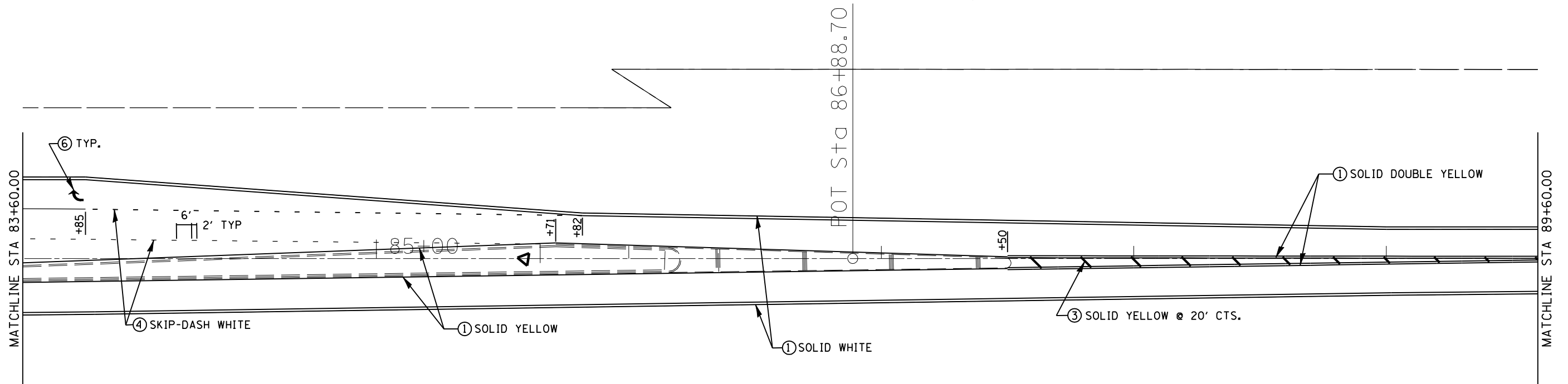
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	35
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**INTERSECTION OF IL 48 AND NOKOMIS RD.
 PAVEMENT MARKING**
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

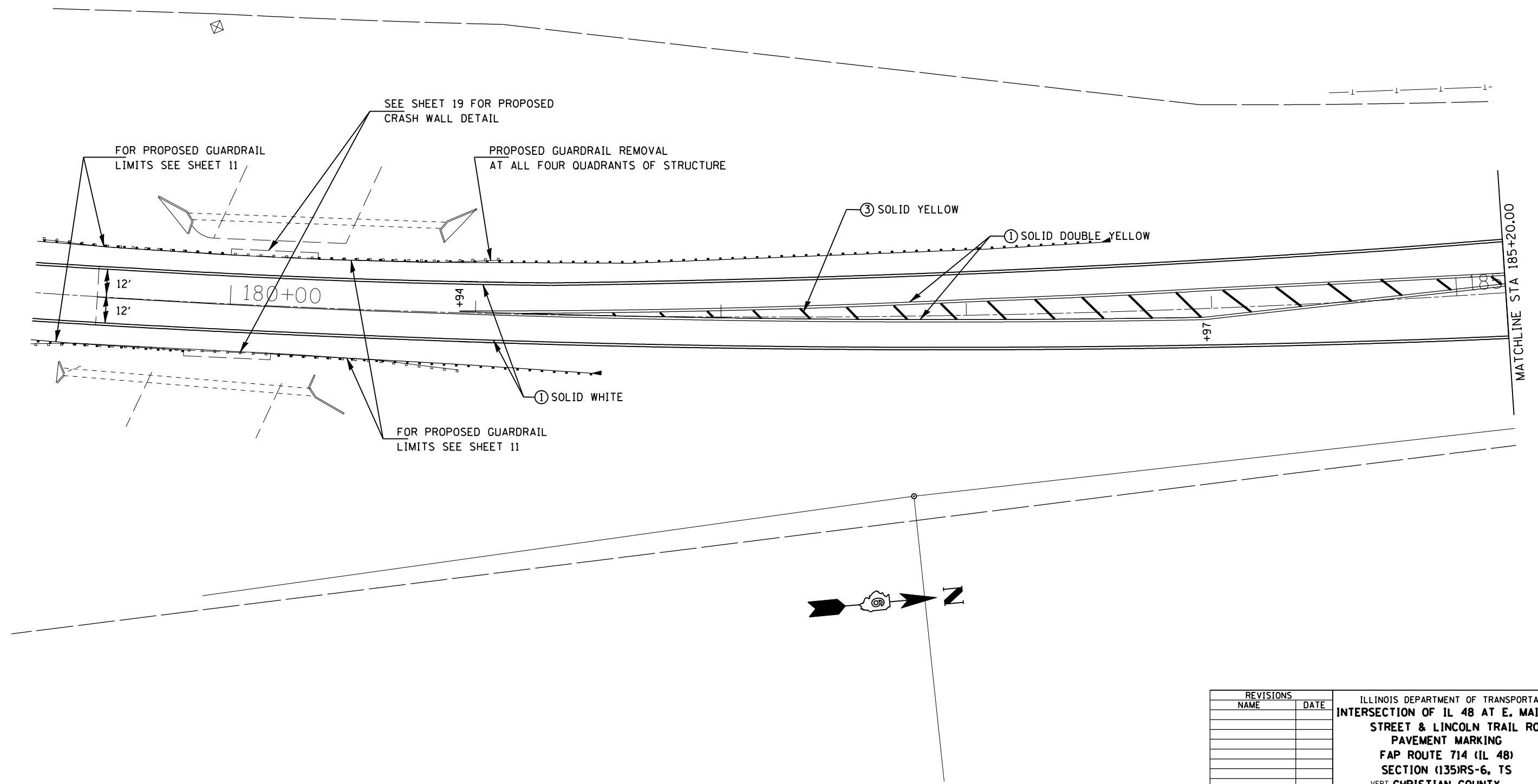
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PLOT DATE : \$DATE\$
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 USER NAME : \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	36
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



PLOT DATE : \$DATE\$
 FILE NAME : \$FILEL\$
 PLOT SCALE : \$SCALE\$
 USER NAME : \$USER\$

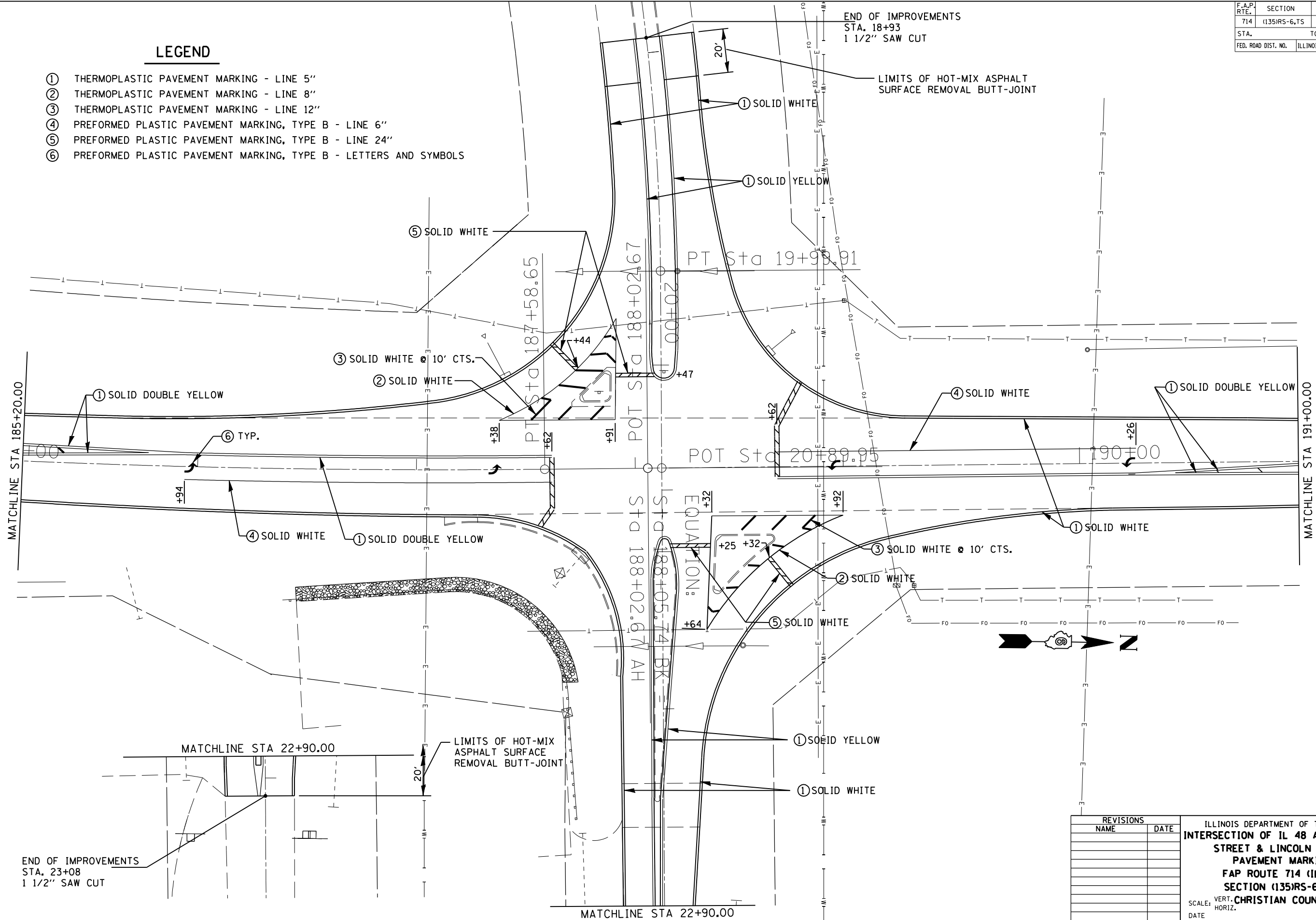
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AT E. MAIN CROSS STREET & LINCOLN TRAIL ROAD
PAVEMENT MARKING
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	37
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



REVISIONS	
NAME	DATE

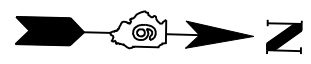
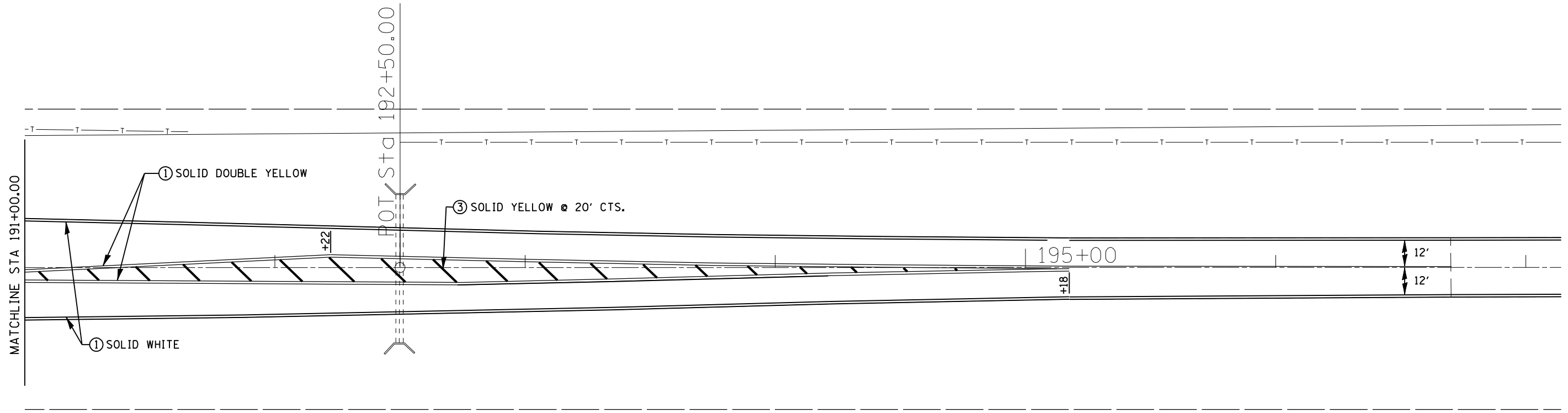
ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AT E. MAIN CROSS STREET & LINCOLN TRAIL ROAD
PAVEMENT MARKING
ROAD ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	38
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



PLOT DATE : \$DATE\$
 FILE NAME : \$FILEL\$
 PLOT SCALE : \$SCALE\$
 USER NAME : \$USER\$

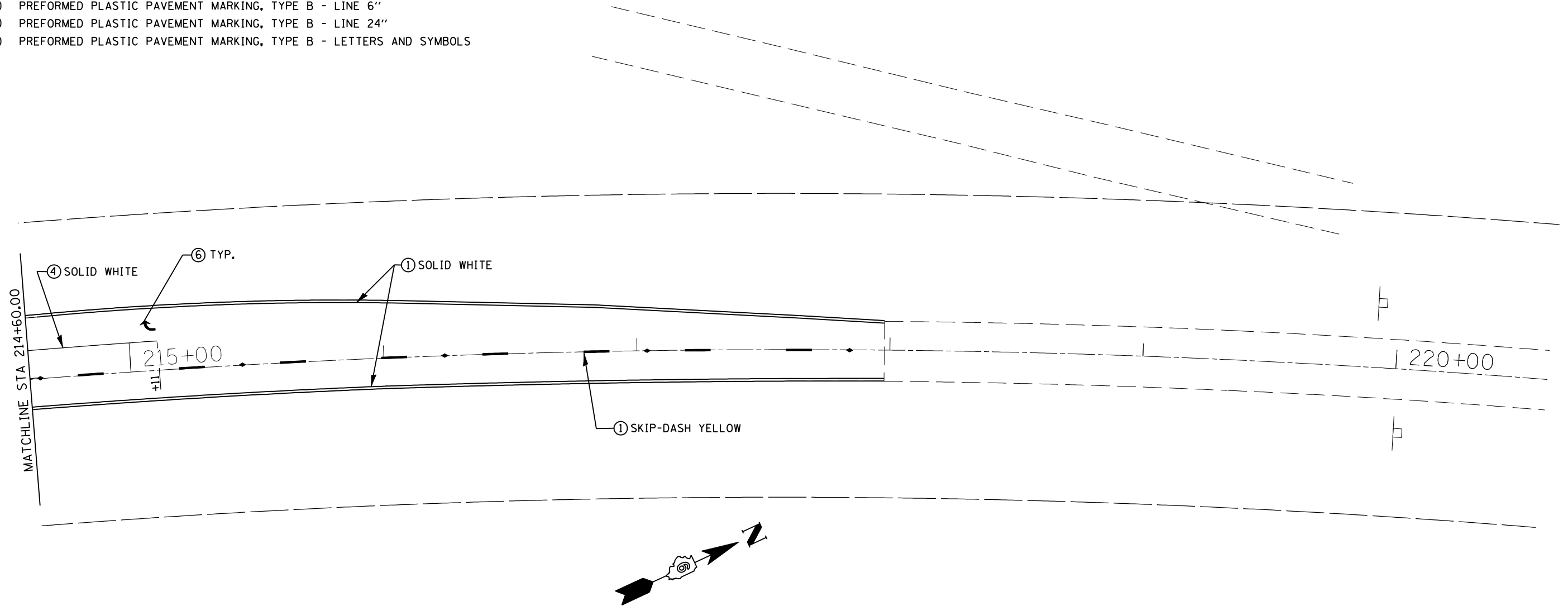
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AT E. MAIN CROSS STREET & LINCOLN TRAIL ROAD
PAVEMENT MARKING
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY
 SCALE: VERT. _____ DRAWN BY _____
 HORIZ. _____ CHECKED BY _____
 DATE _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	40
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING - LINE 5"
- ② THERMOPLASTIC PAVEMENT MARKING - LINE 8"
- ③ THERMOPLASTIC PAVEMENT MARKING - LINE 12"
- ④ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"
- ⑤ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 24"
- ⑥ PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LETTERS AND SYMBOLS



EXIST. CURVE
 PI STA. = 213+5
 Δ = 39° 57' 11"
 R = 30' 11"

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

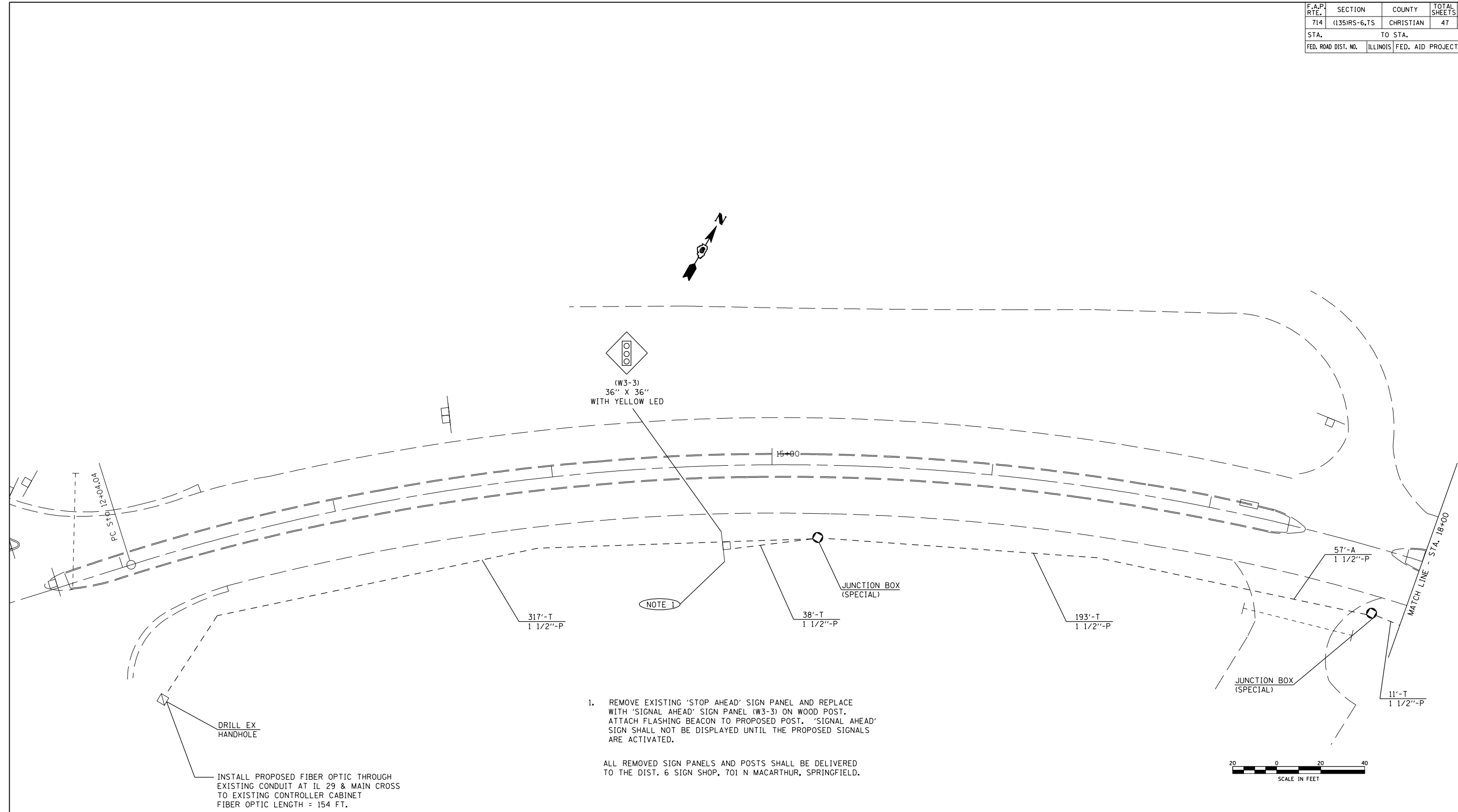
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
INTERSECTION OF IL 48 AND McADAM ST.
PAVEMENT MARKING
 FAP ROUTE 714 (IL 48)
 SECTION (135)RS-6, TS
 CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	41
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



- NOTE 1
1. REMOVE EXISTING 'STOP AHEAD' SIGN PANEL AND REPLACE WITH 'SIGNAL AHEAD' SIGN PANEL (W3-3) ON WOOD POST. ATTACH FLASHING BEACON TO PROPOSED POST. 'SIGNAL AHEAD' SIGN SHALL NOT BE DISPLAYED UNTIL THE PROPOSED SIGNALS ARE ACTIVATED.

ALL REMOVED SIGN PANELS AND POSTS SHALL BE DELIVERED TO THE DIST. 6 SIGN SHOP, 701 N MACARTHUR, SPRINGFIELD.

INSTALL PROPOSED FIBER OPTIC THROUGH EXISTING CONDUIT AT IL 29 & MAIN CROSS TO EXISTING CONTROLLER CABINET
FIBER OPTIC LENGTH = 154 FT.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNALS
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
HORIZ. _____
DATE _____

DRAWN BY _____
CHECKED BY _____

PLOT DATE = \$DATE\$
FILE NAME = \$FILEL\$
PLOT SCALE = \$SCALE\$
USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	42
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

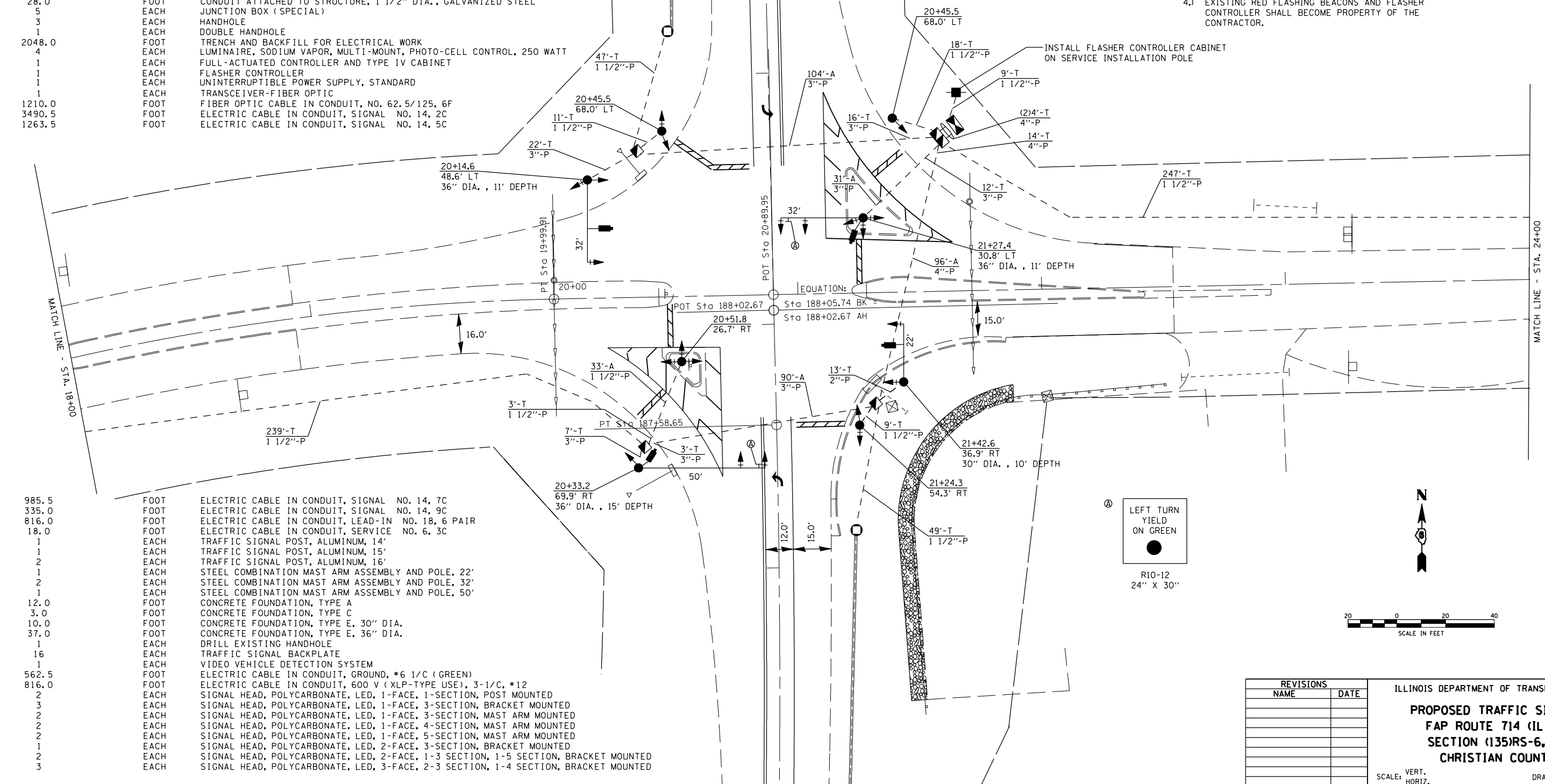
TRAFFIC SIGNAL QUANTITIES

LOCATION: IL 48 & MAIN CROSS/LINCOLN TRAIL

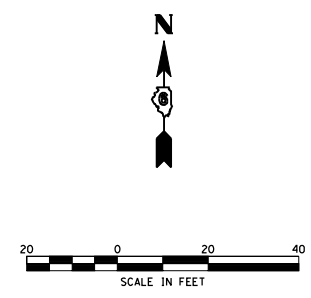
QUANTITY	UNIT	ITEM
46.0	SO FT	SIGN PANEL, TYPE I
56.5	SO FT	SIGN PANEL, TYPE II
105.0	SO FT	REMOVE SIGN PANEL, TYPE I
30.0	FOOT	WOOD SIGN SUPPORT
1	EACH	SERVICE INSTALLATION, TYPE A
1	EACH	WOOD POLE, 25', CLASS 4
1953.0	FOOT	CONDUIT IN TRENCH, 1 1/2" DIA., PVC
13.0	FOOT	CONDUIT IN TRENCH, 2" DIA., PVC
60.0	FOOT	CONDUIT IN TRENCH, 3" DIA., PVC
22.0	FOOT	CONDUIT IN TRENCH, 4" DIA., PVC
90.0	FOOT	CONDUIT, AUGERED 1 1/2" DIA., PVC
225.0	FOOT	CONDUIT, AUGERED 3" DIA., PVC
96.0	FOOT	CONDUIT, AUGERED 4" DIA., PVC
28.0	FOOT	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL
5	EACH	JUNCTION BOX (SPECIAL)
3	EACH	HANDHOLE
1	EACH	DOUBLE HANDHOLE
2048.0	FOOT	TRENCH AND BACKFILL FOR ELECTRICAL WORK
4	EACH	LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
1	EACH	FLASHER CONTROLLER
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, STANDARD
1	EACH	TRANSCEIVER-FIBER OPTIC
1210.0	FOOT	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F
3490.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 2C
1263.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C

TRAFFIC SIGNAL NOTES

- 1.) THE EXISTING STOP SIGNS, RED FLASHING BEACONS AND ASSOCIATED EQUIPMENT SHALL BE REMOVED JUST PRIOR TO ACTIVATING THE PROPOSED TRAFFIC SIGNALS
- 2.) ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.
- 3.) CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EXISTING CONDUIT FOR FLASHING BEACONS.
- 4.) EXISTING RED FLASHING BEACONS AND FLASHER CONTROLLER SHALL BECOME PROPERTY OF THE CONTRACTOR.



985.5	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C
335.0	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 9C
816.0	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 18, 6 PAIR
18.0	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6, 3C
1	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 14'
1	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 15'
2	EACH	TRAFFIC SIGNAL POST, ALUMINUM, 16'
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 22'
2	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 32'
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50'
12.0	FOOT	CONCRETE FOUNDATION, TYPE A
3.0	FOOT	CONCRETE FOUNDATION, TYPE C
10.0	FOOT	CONCRETE FOUNDATION, TYPE E, 30" DIA.
37.0	FOOT	CONCRETE FOUNDATION, TYPE E, 36" DIA.
1	EACH	DRILL EXISTING HANDHOLE
16	EACH	TRAFFIC SIGNAL BACKPLATE
1	EACH	VIDEO VEHICLE DETECTION SYSTEM
562.5	FOOT	ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN)
816.0	FOOT	ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE), 3-1/C, #12
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
1	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED
2	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
3	EACH	SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-4 SECTION, BRACKET MOUNTED



REVISIONS	
NAME	DATE

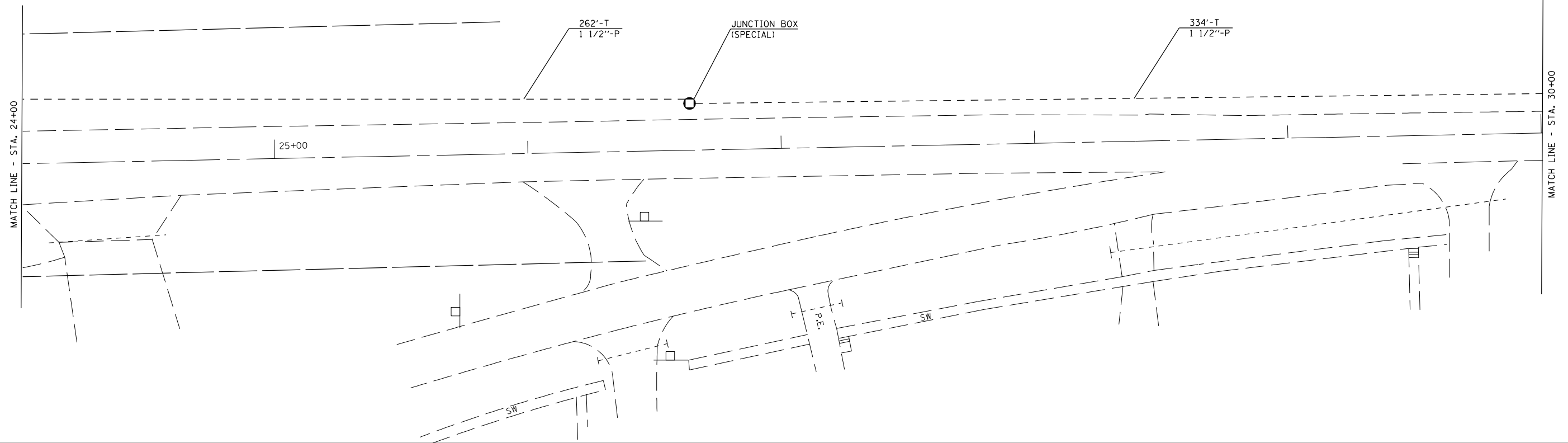
ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNALS
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

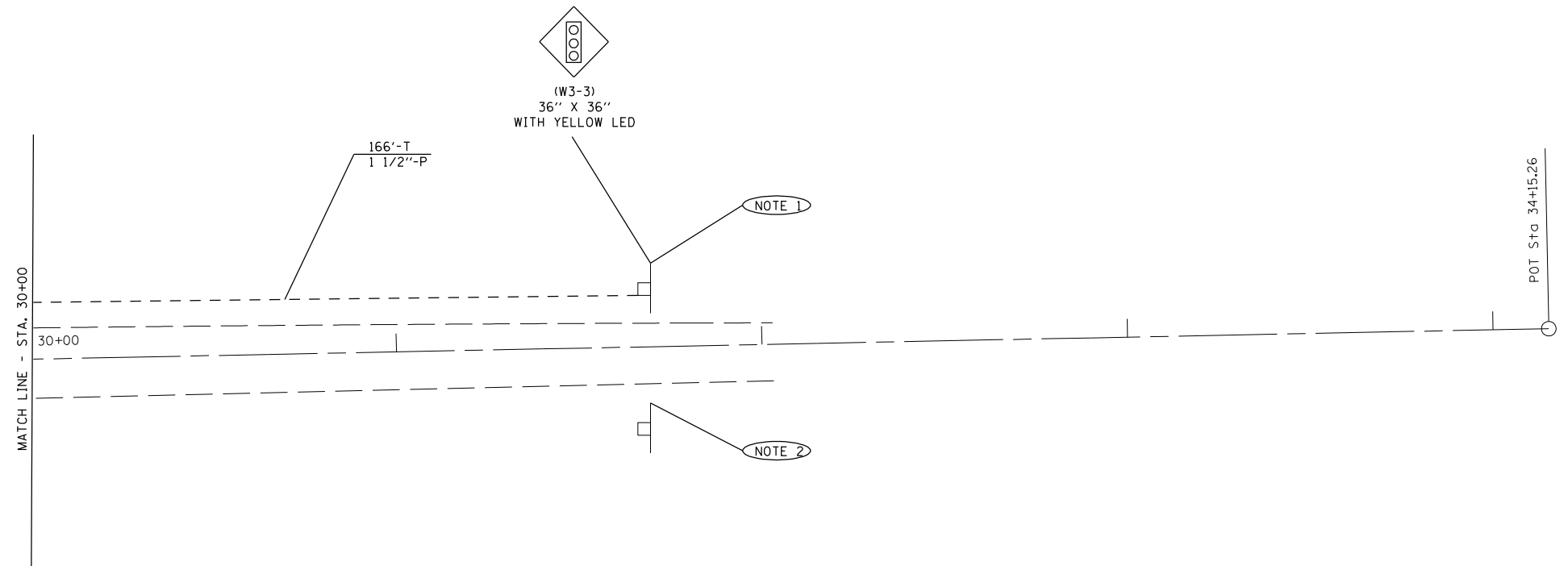
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 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	43
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



1. REMOVE EXISTING 'STOP AHEAD' SIGN PANEL AND REPLACE WITH 'SIGNAL AHEAD' SIGN PANEL (W3-3) ON WOOD POST. ATTACH FLASHING BEACON TO PROPOSED POST. 'SIGNAL AHEAD' SIGN SHALL NOT BE DISPLAYED UNTIL THE PROPOSED SIGNALS ARE ACTIVATED.
2. REMOVE EXISTING 'STOP AHEAD' SIGN PANEL.

ALL REMOVED SIGN PANELS AND POSTS SHALL BE DELIVERED TO THE DIST. 6 SIGN SHOP, 701 N MACARTHUR, SPRINGFIELD.

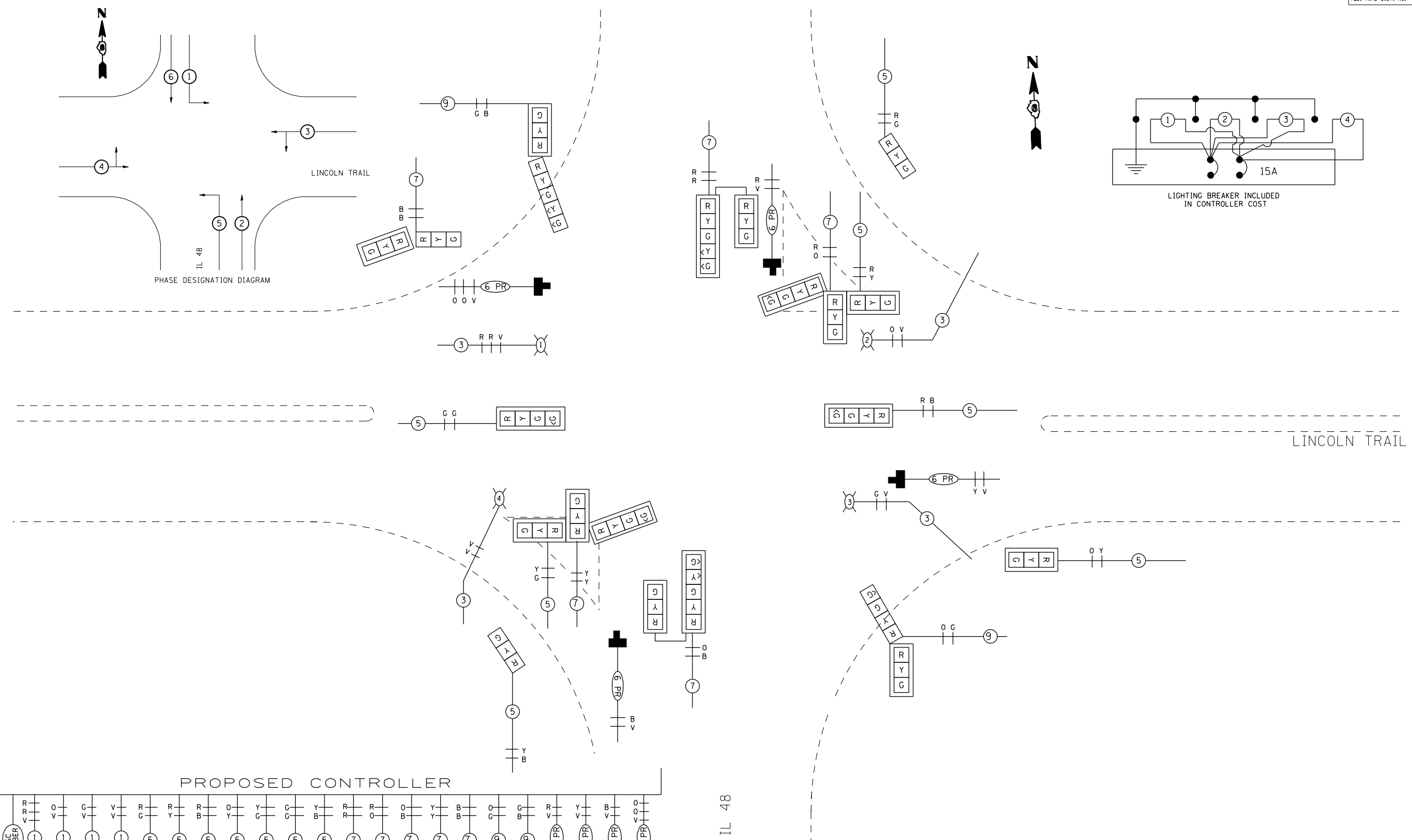


REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNALS
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	44
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED CABLE DIAGRAM
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY
 SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	45
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

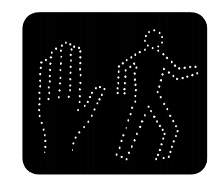
TRAFFIC SIGNAL PLAN LEGEND

EXISTING	PROPOSED	DESCRIPTION
		SIGNAL HEAD
		SIGNAL HEAD WITH BACKPLATE
		TEMPORARY SIGNAL HEAD
		PEDESTRIAN SIGNAL HEAD
		PEDESTRIAN PUSHBUTTON DETECTOR
		DETECTOR LOOP
		QUADRAPOLE DETECTOR LOOP
		SIGNAL POST
		ALUMINUM MAST ARM ASSEMBLY AND POLE
		STEEL MAST ARM ASSEMBLY AND POLE
		WOOD POLE
		WOOD POLE WITH GUY
		SERVICE INSTALLATION
		CONTROLLER
		HANDHOLE
		HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		JUNCTION BOX
		GULFBOX JUNCTION
		AERIAL CABLE
		CONDUIT
		CONDUIT SPLICE
		SPAN WIRE / TETHER WIRE
		SIDEWALK REMOVAL IN SO M (SO FT)
		PC CONC SDWLK 100 mm IN SO M (SO YD)
		PC CONC SDWLK 100 mm SPECIAL IN SO M (SO YD)

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

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

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



REVISIONS	
NAME	DATE

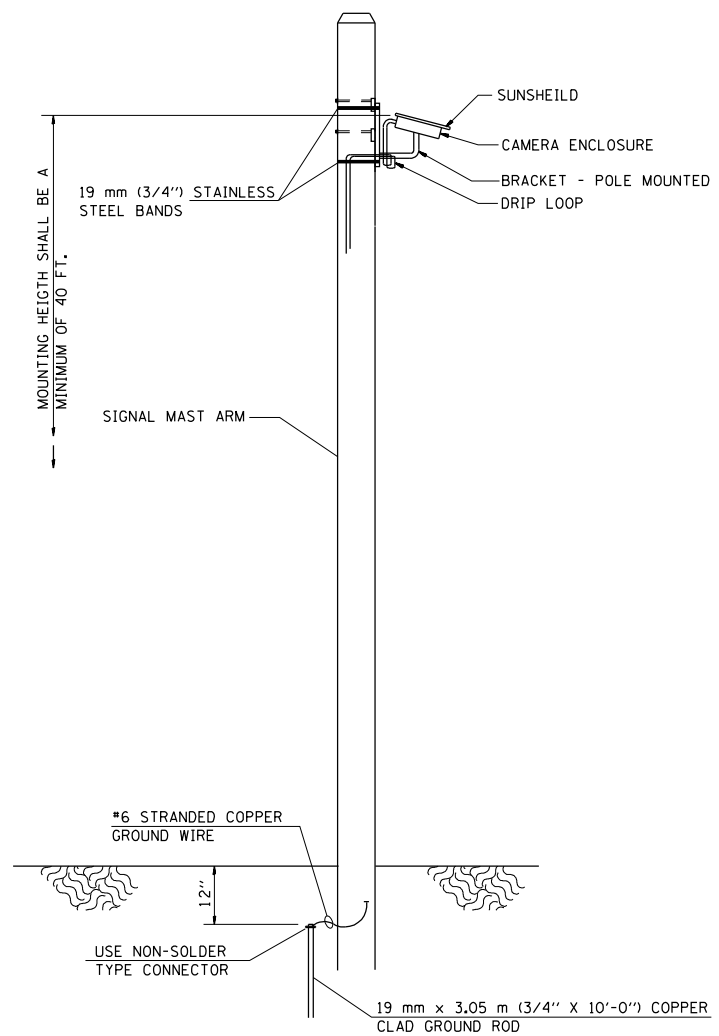
ILLINOIS DEPARTMENT OF TRANSPORTATION
LEGEND FOR TRAFFIC SIGNAL DETAILS
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

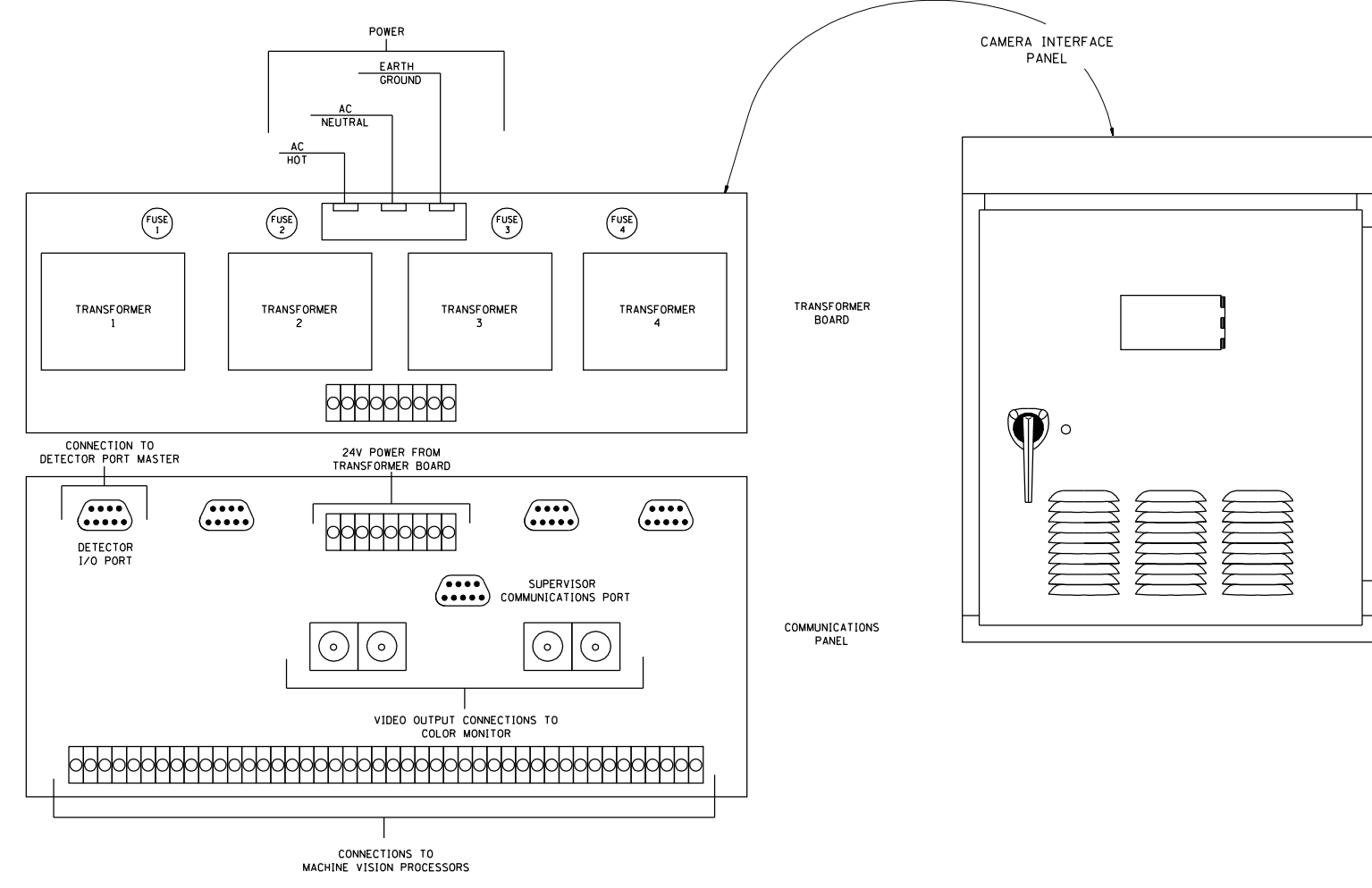
DATE _____ DRAWN BY _____
 CHECKED BY _____

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 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
714	(135)RS-6,TS	CHRISTIAN	47	46
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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



PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
**VIDEO DETECTION SYSTEM
INSTALLATION DETAIL
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY**

SCALE: VERT. _____
 HORIZ. _____

DRAWN BY _____
CHECKED BY _____

