



**AVAILABILITY OF ELECTRONIC FILES**

MicroStation and GEOPAK files of this project will be made available to the Contractor after contract award. 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 sole 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.

**PROPERTY OWNER ACCESS REQUIREMENT**

Access must be maintained to all existing properties during construction per Article 107.09 unless arrangements are made in writing by the Contractor with the property owners with a copy to the Engineer for short-term closures.

**CONSECUTIVE SIDE STREET (ROAD) CLOSURE – PROHIBITED**

1. No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).
2. Adjacent sideroads will not be closed simultaneously, BLR Standard 21 shall be used for all local road closures without any entrances within the closed area. BLR Standard 22 can be used where it is necessary to allow local traffic access.

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

Earth excavation and backfill for proposed curb and gutters and driveway pavements shall be included in the unit cost of the various items.

**PAVEMENT STATION 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 (20 mm) wide, 5 inches (125 mm) high and 5/8 inch (15 mm) 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 (150 mm) 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 placed 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 included in the cost of the associated pavement and/or overlay pay items.

**POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES**

Surface Type

Estimated Truck Application Rate

Residual Rate

Milled (HMA or PCC)

0.10 gal/sy (0.0004 ton/sy)

0.05 gal/sy

Existing Pavement

0.05 gal/sy (0.00022 ton/sy)

0.025 gal/sy

Fog Coat (between lifts)

0.05 gal/sy (0.00022 ton/sy)

0.025 gal/sy

Note: Estimated truck application rate is used for estimating quantities.

**BUTT JOINT CUTTING TIME RESTRICTION**

Butt joints shall not be milled more than three (3) days prior to placement of the HMA 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.

**ORDERING LENGTH CONFIRMATION – DRAINAGE ITEMS**

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

**EXISTING DRAINAGE PIPES CONNECTED TO NEW STRUCTURES**

In accordance with Section 602 of the Standard Specifications, the connecting of existing drain tiles, pipe culverts, or storm sewers to the proposed drainage system structures will not be paid for separately but shall be considered as included in the pay items provided.

**TAPER REMOVAL FRAME & GRATES ADJUSTED BY OTHERS**

At locations where frames and grates have previously been adjusted by others and they are surrounded by hot-mix asphalt tapers, the contractor for this contract shall remove and dispose of the hot-mix asphalt taper material prior to the placement of the hot-mix asphalt surface course. This work will not be paid for separately, but will be considered as included in the cost of the HOT-MIX ASPHALT SURFACE COURSE pay item.

**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.

FILE NAME : D46BC59-ent-genote.dgn	USER NAME : kaitbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE : 200.0000 ' / in.	DRAWN -	REVISED -						669	11RS-11	TAZEWELL	74	2
	Default	PLOT DATE : 5/15/2015	CHECKED -		REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 68C59	

**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 (100 mm). The holes shall be 24 inches (600 mm) in diameter or 24 inches (600 mm) square and they shall be free of any obstruction, except earth, for a depth of 5 feet (1.5 m) at the locations 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 (100 mm). The top 3 inches (75 mm) 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 (square meter) for ISLAND PAVEMENT and/or CONCRETE MEDIAN of the type specified, or CONCRETE MEDIAN SURFACE, 4 inches (100 mm).

**TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION**

Ten feet (10 ft.) (3 m) transitions shall be used to match proposed items of work to existing items in the field unless otherwise shown. The transition shall be paid for at the contract unit price for the proposed item of work specified.

**NO PASSING ZONE VERIFICATION**

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

**JOB SPECIFIC NOTES**

IDOT personnel shall establish the centerline on IL Route 29, Rusche Avenue, and Highland Avenue. Layout and stationing pay items are provided in the plans for contractor use.

IDOT operations shall remove and replace the reflector posts located in the center barrier median on IL Route 29.

**STATUS OF UTILITIES**

AMEREN ILLINOIS (GAS)

ROUTE	OFFSET	LOCATION	TYPE OF UTILITY	TYPE OF CONFLICT	DISPOSITION
US 24	30' RT	87+50 TO 88+00	BURIED GAS	GUARDRAIL	CAUTION
WESLEY RD	39' RT	11+00	BURIED GAS	CURB	CAUTION
ITV-3					
US 24	28' LT	94+62 TO 95+25	BURIED FIBER	GUARDRAIL	CAUTION

PAY ITEMS	40603560	40600827	X3550015	48203003
	POLY. HMA SURFACE COURSE, MIX "E", NSO	POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, NSO	HMA BASE COURSE	HMA SHOULDERS
Mixture Use(s):	Polymer Surface Course (1.5")	Polymer Level Binder (3/4")	Base Course	HMA Shoulder (Surface Lift)
AC/PG:	SBS or SBR 76-22	SBS or SBR 76-22	PG 64-22	PG 64-22
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
	IL 9.5	IL 4.75	IL 9.5	IL 9.5
Friction Aggregate:	Mixture E	N.A.	N/A	Mixture C
Quality Management Program:	OCP	OC/OA	OC/OA	OC/OA

FILE NAME : 0400C59-shr-gennote.dgn	USER NAME : kashbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL &amp; JOB SPECIFIC NOTES STATUS OF UTILITIES &amp; HMA MIX REQ.</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
Default	PLOT SCALE : 200.0000' / 1" =	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	669	11RS-11	TAZEWELL	74	3
	PLOT DATE : 5/15/2019	CHECKED -	REVISED -												
		DATE -	REVISED -												

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	SAFETY	TRAFFIC SIGNAL CREVE COEUR
				0005	0021	0021
				80/20	80/20	80/13.3/6.7
				FED/STATE	FED/STATE	FED/ST/CITY
28000400	PERIMETER EROSION BARRIER	FOOT	870	870		
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SO YD	150	150		
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQ YD	114	114		
35301400	PORTLAND CEMENT CONCRETE BASE COURSE (VARIABLE DEPTH)	SQ YD	19	19		
35400100	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 6"	SO YD	52	52		
35400500	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 10"	SO YD	123	123		
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	28558	28558		
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4, 75, N50	TON	1647	1647		
40600982	HOT - MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	992	992		
40600990	TEMPORARY RAMP	SQ YD	241	241		
40603560	POLYMERIZED HOT - MIX ASPHALT SURFACE COURSE, MIX "E", N50	TON	3286	3286		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	228	228		
44000100	PAVEMENT REMOVAL	SO YD	91	91		
42400800	DETECTABLE WARNINGS	SQ FT	20	20		
44000155	HOT - MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	4561	4561		
44000158	HOT - MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	37641	37641		

FILE NAME = 046059-411-S00.dgn

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 PLOT DATE = 5/15/2015

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	4
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

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CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	SAFETY	TRAFFIC SIGNAL CREVE COEUR
				0005	0021	0021
				80/20	80/20	80/13.3/6.7
				FED/STATE	FED/STATE	FED/ST/CITY
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	951	951		
<del>4400600</del>	<del>SIDEWALK REMOVAL</del>	<del>SQ FT</del>	<del>212</del>	<del>212</del>		
44003510	MEDIAN REMOVAL PARTIAL DEPTH	SQ FT	18122	18122		
44004250	PAVED SHOULDER REMOVAL	SQ YD	18.3	18.3		
48203100	HOT - MIX ASPHALT SHOULDERS	TON	387	387		
60260100	INLETS TO BE ADJUSTED	EACH	2	2		
60500090	REMOVING INLETS TO MAINTAIN FLOW	EACH	3	3		
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	556	556		
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	334	334		
60623800	CONCRETE BARRIER MEDIAN	SQ FT	15605	15605		
60625600	ISLAND PAVEMENT (6")	SQ YD	150	150		
* 63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	1525		1525	
* 63100041	TRAFFIC BARRIER TERMINAL, TYPE 1B	EACH	1		1	
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	5		5	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4		4	

\* SPECIALTY ITEM

FILE NAME =  
D458C59-shr-500.dgn

USER NAME = kaitAbr  
PLOT SCALE = 100.0000' / 1" =  
PLOT DATE = 5/15/2015

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	5
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

REV.

CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	SAFETY	TRAFFIC SIGNAL CREVE COEUR
				0005	0021	0021
				80/20	80/20	80/13, 3/6, 7
				FED/STATE	FED/STATE	FED/ST/CITY
63200310	GUARDRAIL REMOVAL	FOOT	1728		1728	
<b>64200108</b>	<b>SHOULDER RUMBLE STRIPS, 8 INCH</b>	<b>FOOT</b>	<b>7382</b>	<b>7382</b>		
67100100	MOBILIZATION	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	5		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	8	8		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	2323		2323	
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	150		150	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	25042		25042	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2900		2900	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	3065		3065	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	570.5		570.5	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	253.5		253.5	

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PLOT DATE = 5/15/2015

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	6
			CONTRACT NO. 68C59	

ILLINOIS FED. AID PROJECT

REV.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	SAFETY	TRAFFIC SIGNAL CREVE COEUR
				0005	0021	0021
				80/20	80/20	80/13.3/6.7
URBAN				FED/STATE	FED/STATE	FED/ST/CITY
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	50 FT	13455		13455	
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TB-INLAID-LINE 6"	FOOT	2900		2900	
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	50 FT	150		150	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	25042		25042	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	3065		3065	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	570.5		570.5	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	253.5		253.5	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	120		120	
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	26		26	
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	4		4	
* 78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	148		148	
* 81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	20			20
* 81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	280			280
* 81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3			3

\* SPECIALTY ITEM

FILE NAME : 0468C59-441-500.dgn

USER NAME : kaitabr

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PLOT SCALE : 100.0000 / 1"

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PLOT DATE : 5/15/2015

DATE -

REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.  
RTE.

SECTION

COUNTY

TOTAL SHEETS

SHEET NO.

669

11RS-11

TAZEWELL

74

7

CONTRACT NO. 68C59

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	SAFETY	TRAFFIC SIGNAL CREVE COEUR
				0005	0021	0021
				80/20 FED/STATE	80/20 FED/STATE	80/13, 3/6, 7 FED/ST/CITY
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	846.5			846.5
* 87301515	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	680			680
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	369			369
* 87502490	TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1			1
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	22			22
* 87900200	DRILL EXISTING HANDHOLE	EACH	4			4
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4			4
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2			2
* 88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6			6
* 88600100	DETECTOR LOOP, TYPE I	FOOT	1544	1544		
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1			1
* 89502378	REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1	1		
* 89502380	REMOVE EXISTING HANDHOLE	EACH	3			3
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	2			2

\* SPECIALTY ITEM

FILE NAME = D468059-shl-500.dgn	USER NAME = kcalhbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			669	11R5-11	TAZEWELL	74	8	
		CHECKED -	REVISED -			CONTRACT NO. 68C59					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
		PLOT SCALE = 100.0000' / in.									
		PLOT DATE = 5/15/2015									



CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE		
				ROADWAY	SAFETY	TRAFFIC SIGNAL CREVE COEUR
				0005	0021	0021
				80/20	80/20	80/13.3/6.7
				FED/STATE	FED/STATE	FED/ST/CITY
* X0326851	ADJUST EXISTING DETECTOR LOOP RISER	EACH	15	15		
X3550015	HOT-MIX ASPHALT BASE COURSE, (VARIABLE DEPTH)	TON	35	35		
X4402400	CURB REMOVAL (SPECIAL)	FOOT	518	518		
X4402800	ISLAND PAVEMENT REMOVAL	SQ YD	176	176		
X4402805	ISLAND REMOVAL	SQ FT	1880	1880		
X6020076	INLETS, SPECIAL, WITH SPECIAL FRAME AND GRATE	EACH	1	1		
X6020082	INLETS, TYPE G-1	EACH	1	1		
X6021065	INLETS, TYPE G-1, (SPECIAL)	EACH	1	1		
X6060052	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 (SPECIAL)	FOOT	318	318		
* X7830060	GROOVING FOR RECESSED PAVEMENT MARKING, LETTERS AND SYMBOLS	SQ FT	149.6		149.6	
* X7830070	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	25042		25042	
* X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	3065		3065	
* X7830078	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	570.5		570.5	
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	253.5		253.5	
14						

\* SPECIALTY ITEM

FILE NAME : 0460C59-shl-500.dgn	USER NAME : kaithbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE : 100.0000' / in	DRAWN -	REVISED -			669	11RS-11	TAZEWELL	74	9	
	PLOT DATE : 5/15/2015	CHECKED -	REVISED -			CONTRACT NO. 68C59					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



MEDIAN REMOVAL PARTIAL DEPTH	
LOCATION	SO FT
IL 29	
STA. 86+56 TO 91+18	7509.7
STA. 91+86 TO 98+75	6629.3
STA. 136+67 TO 139+00	1703.3
STA. 139+00 TO 141+71	1004.4
142+55 TO 143+81	580.0
HIGHLAND AVE.	
STA. 0+40.5 TO 1+55	427.4
RUSCHE ST.	
STA. 0+39 TO 1+12	268.2
<b>TOTAL</b>	<b>18122</b>

• AREA MEASURED IN CAD

CURB REMOVAL (SPECIAL)	
LOCATION	FEET
IL 29	
LT. STA. 120+54 TO 125+49	518
<b>TOTAL</b>	<b>518</b>

JOBSITE QUANTITIES		
	L. SUM	
MOBILIZATION	L. SUM	1
CONSTRUCTION STATION LAYOUT	L. SUM	1
CONSTRUCTION LAYOUT	L. SUM	1
TRAFFIC CONTROL AND PROTECTION STD. 701601	L. SUM	1
TRAFFIC CONTROL AND PROTECTION STD. 701602	L. SUM	1
TRAFFIC CONTROL AND PROTECTION STD. 701701	L. SUM	1
TRAFFIC CONTROL AND SURVEILLANCE	CAL. DAY	5
4 CHANGEABLE MESSAGE BOARDS @ 2 MONTHS EACH	CAL. MO.	8

LOCATION	PERIMETER EROSION BARRIER
	FOOT
IL 29	520
WESLEY RD.	350
HIGHLAND/RUSCHE	
<b>TOTAL</b>	<b>870</b>

LOCATION	TEMPORARY RAMP		HMA SURFACE COURSE REMOVAL - BUTT JOINT		HMA SURFACE REMOVAL, 2 1/4" (MAINLINE)	HMA SURFACE REMOVAL, 1.5" (SHOULDERS)
	2 1/4" @1:40		30' - NO TAPER			
	LENGTH FEET	AREA SQ. YD.	LENGTH FEET	AREA SQ. YD.	AREA SQ. YD.	AREA SQ. YD.
IL 29						
STA. 86+25 TO 86+32.5	65.8	55				
STA. 86+25 TO 86+55			65.8	219		
STA. 86+25 TO 98+75					7764	589
STA. 98+75 TO 139+00					23008	3973
• STA. 139+00 TO 145+00					6226	
STA. 144+92.5 TO 145+00	66.4	55				
STA. 144+70 TO 145+00			66.4	221		
WESLEY ROAD						
STA. 10+36.3 TO 11+43	36.4	30	36.4 (AVG)	120	643	
RUSCHE						
STA. 1+04.5 TO 1+12	69.6	58				
STA. 0+82 TO 1+12			80 (AVG)	261		
HIGHLAND						
STA. 1+47.5 TO 1+55	51.0	43				
STA. 1+25 TO 1+55			51	170		
<b>TOTAL</b>		<b>241</b>		<b>992</b>	<b>37641</b>	<b>4561</b>

• PAVEMENT AREA INCLUDES TO STA 1+12 (RUSCHE) & TO STA 1+55 (HIGHLAND)

LOCATION	REMOVING INLETS TO MAINTAIN FLOW	COMB. CURB & GUTTER REMOVAL	ISLAND PAVEMENT REMOVAL	ISLAND REMOVAL	PAVED SHOULDER REMOVAL	PAVEMENT REMOVAL
	EACH	FT.	SO. YD.	SO. FT.	SO. YD.	SO. YD.
IL 29						
STA. 88+32 (MEDIAN)	1					7.3
RT. STA. 90+12.7 TO RT. STA. 11+43 (WESLEY)		184.5				19.5
RT. STA. 92+65 TO 92+90					18.3	
LT. STA. 11+38 (WESLEY) TO RT. STA. 92+62.5		181.2				
RT. STA. 11+83	1					
STA. 134+65 TO 136+67		402	106.6			
WESLEY RD. INTERSECTION						
NE QUAD ISLAND		89	48.2			
NW QUAD ISLAND		56.5	21.6			
RUSCHE ST. INTERSECTION						
LT. STA. 0+72	1					
NE QUAD ISLAND				428.9		18
NW QUAD ISLAND				148		11.4
SE QUAD ISLAND				889.3		14.7
SW QUAD ISLAND				413.4		20.3
<b>TOTAL</b>	<b>3</b>	<b>913</b>	<b>176</b>	<b>1880</b>	<b>18</b>	<b>91</b>

GUARDRAIL									
EXISTING STATIONING	PROPOSED STATIONING	GUARDRAIL REMOVAL (MEASURED IN CADD)	STEEL PLATE BEAM GUARDRAIL, TY A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TY 1B	TRAFFIC BARRIER TERMINAL, TY 2	TRAFFIC BARRIER TERMINAL, TY 1 (SPECIAL) TANGENT	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER-DIRECT APPLIED	GUARDRAIL AGGREGATE EROSION CONTROL
		FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	TON
RT. STA. 87+29 TO 88+00	RT. STA. 87+25 TO 88+00	71	12.5		1	1	3	1	47.8
LT. STA. 94+64 TO 95+25	LT. STA. 94+62.5 TO 95+25	61	25	1	1		3		31.6
RT. STA. 96+77 TO 104+00	RT. STA. 96+00 TO 104+00	737.7	737.5		1	1	9	1	169.1
RT. STA. 120+43.5 TO 122+00	RT. STA. 120+40 TO 122+02.5	156.5	100		1	1	3	1	62.5
LT. STA. 120+86 TO 127+59	LT. STA. 120+85 TO 127+97.5	701.8	650		1	1	8	1	154.4
<b>TOTAL</b>		<b>1728</b>	<b>1525</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>26</b>	<b>4</b>	<b>465</b>

FILE NAME = D468C59-shr-S00.dgn  
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USER NAME = keathbr  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 5/15/2015

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	I1RS-11	TAZEWELL	74	11
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

RESURFACING TABLE								
LOCATION	PAVEMENT AREA	SHOULDER AREA	POLY. PRIME COAT .05LB/SO FT (MILLED SURF.)	POLY. PRIME COAT .025LB/SO FT (BET. LIFTS)	POLY. LEVELING BINDER (MACHINE METHOD) IL-4.75, NSO	POLY. HMA SURFACE COURSE, MIX "E", NSO	HMA SHOULDERS	MATERIAL TRANSFER DEVICE-SURFACE ONLY
	SO. YD.	SO. YD.	POUND	POUND	THICKNESS= 3/4" TON	THICKNESS= 1.5" TON	THICKNESS= 1.5" TON	TON
<b>IL 29</b>								
STA. 86+25 TO 98+75	8245	640	3998.3	1855.1	346.3	693	54	693
ADD. 1/4" OF L.B. ON BARE CONC. (MEDIAN & ISLAND REM. AREAS)	220				3.1			
STA. 98+75 TO 139+00	23008	3973	12141.5	5176.9	966.3	1933	334	1933
*STA. 139+00 TO 145+00	7052		3173.4	1586.7	296.2	592		592
ADD. 1/4" OF L.B. ON BARE CONC. (MEDIAN & ISLAND REM. AREAS)	63				0.9			
PRIME COAT FOR HMA BASE CSE. AREAS								
STA. 139+00 TO 141+71	112		50.2					
STA. 142+55 TO 143+81	64		29.0					
<b>WESLEY ROAD</b>								
STA. 10+36.3 TO 11+43	810		364.6	182.3	34.0	68		68
ADD. 1/4" OF L.B. ON BARE CONC. ( ISLAND REM. AREAS)	42				0.6			
SUB-TOTAL			19756.9	8800.9				
<b>TOTAL</b>			28558		1647	3286	387	3286

\* PAVEMENT AREA INCLUDES TO STA 1+12 (RUSCHE) & TO STA 1+55 (HIGHLAND)

LOCATION	CONCRETE BARRIER MEDIAN	PCC BASE COURSE WIDENING, 6"	PCC BASE COURSE WIDENING, 10"	PCC BASE COURSE, 10"	PCC BASE COURSE, VAR. DEPTH	HMA BASE COURSE, VAR. DEPTH	INLET, TY G-1, SPECIAL	INLET, TY G-1	INLETS, SPECIAL WITH SPECIAL FRAME & GRATE	INLET TO BE ADJUSTED	COMB. CC&G TY B-6.12	COMB. CC&G TY B-6.24	COMB. CC&G TY B-6.24 SPECIAL	ISLAND PAVEMENT 6"	SUB-BASE GRAN. MAT. TY A 4"
	SO. FT.	SO. YD.	SO. YD.	SO. YD.	SO. YD.	TON	EACH	EACH	EACH	EACH	FT.	FT.	FT.	SO. YD.	SO. YD.
STA. 86+70 TO 91+17.5	5793.2														
L.T. STA. 88+33							1								
STA. 91+86 TO 98+75	6629.3														
R.T. STA. 111+83									1						
STA. 120+54 TO 125+49											518				
STA. 134+65 TO 139+00	2660.4														
L.T. STA. 138+33									1						
STA. 139+00 TO 141+71						21.9									
STA. 142+55 TO 143+81						12.6									
STA. 0+39 TO 1+12 (RUSCHE)	190.7				8.4										
STA. 0+40.5 TO 1+55 (HIGHLAND)	331.4				10.6										
NE QUADRANT (WESLEY RD.)			70.8	48.3								197			
NW QUADRANT (WESLEY RD.)		51.6	52.2	21.6								137			
NE QUADRANT (HIGHLAND)												86	42.3	42.3	
NW QUADRANT (HIGHLAND)												50.7	16.9	16.9	
SE QUADRANT (RUSCHE)				44				1				92	50.2	50.2	
SW QUADRANT (RUSCHE)												89.3	40.2	40.2	
<b>PROJECT TOTAL</b>	15605	52	123	114	19	35	1	1	1	1	518	334	318	150	150

LOCATION	SHOULDER RUMBLE STRIPS, 8"
<b>IL 29</b>	FOOT
L.T. STA. 99+00 TO 136+00	3677
R.T. STA. 99+00 TO 136+00	3705
<b>TOTAL</b>	7382

CURB RAMP RECONSTRUCTION						
LOCATION	CC&G REMOVAL	CC&G, TY B-6.12	SIDEWALK REMOVAL	PCC SIDEWALK, 4"	DETECTABLE WARNING	INLETS TO BE ADJUSTED
	FOOT	FOOT	SO. FT.	SO. FT.	SO. FT.	EACH
INTERSECTION OF IL29 & HIGHLAND AVE. NW QUADRANT	19.6	19.6	90.3	90	10	
INTERSECTION OF IL29 & RUSCHE AVE. SW QUADRANT	18.5	18.5	121.2	138	10	1
<b>TOTAL</b>	38	38	212	228	20	1



SHORT-TERM PAVEMENT MARKING	
LOCATION	FOOT
LEVELING BINDER	1162
SURFACE COURSE	1162
<b>TOTAL</b>	<b>2323</b>

WORK ZONE PAVEMENT MARKING REMOVAL	
LOCATION	SO FT
SURFACE COURSE (SHORT-TERM MARKING)	387
JOB LENGTH (TEMPORARY MARKINGS)	13068
<b>TOTAL</b>	<b>13455</b>

LOCATION	TEMPORARY PAVEMENT MARKING								LETTERS AND SYMBOLS (SMALL WHITE TURN ARROW)
	LINE 4"			LINE 6"	LINE 8"		LINE 12"	LINE 24"	
	SOLID YELLOW	YELLOW SKIP-DASH	SOLID WHITE-E.O.P.	WHITE SKIP-DASH	WHITE SOLID	WHITE SKIP-DASH	SOLID WHITE	WHITE STOP BAR	
	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	SO. FT.
<b>IL 29</b>									
RT. 86+25 TO 90+12.68			387.0						
LT. 86+25 TO 92+90			670.0						
RT. & LT. 86+25 TO 92+90				340.0					
CL 86+62.57 TO 91+17.66 (MEDIAN)	916.0								
RT 86+56.59 TO 88+83.76 (TURN LANE TRAN)							75.0		
RT. 88+83.76 TO 90+50.5					167.0				17.6
RT. 91+09.17								24.0	
LT. 91+90.08 TO 93+84.13					195.0			36.0	26.4
CL 91+86.13 TO 139+00	10613.0								
RT. & LT. 92+90 TO 139+00			9200.0	2300.0					
RT. 93+84.73 TO 95+67 (TURN LANE TRAN)							60.0		
LT. 137+71 TO 141+00 (TURN LANE TRAN)							111.0		
RT. 138+45.3 TO 140+14.8 (TURN LANE TRAN)							57.0		
CL 139+00 TO 141+55.8 (MEDIAN)	512.0							12.5	26.4
RT. 139+00 TO 141+67				60.0					
LT. 139+00 TO 141+94				80.0					
RT. 139+48.73 TO 141+67					436.0		62.0	28.0	
RT. 140+14.8 TO 141+05.6					91.0				17.6
LT. 141+00 TO 141+48					48.0				
142+67.93 (CROSSWALK)					218.0				
CL 142+67.93 TO 144+65.3	396.0								
LT. 142+72.93 TO 143+86.70					230.0		34.0	60.0	17.6
RT. & LT. 142+72.93 TO 145+00				120.0					
LT. 142+96.6 TO 143+41.6					45.0				8.8
LT. 143+41.6 TO 144+59						39.0			
LT. 143+86.70 TO 144+65.38						27.0			
CL 144+65.3 TO 145+00	70.0	20.0							
<b>WESLEY</b>									
LT. 10+26.53 TO 11+33			200.0						
LT. 10+39.94 TO 11+34			170.0						
CL 10+49.6 TO 11+00	102.0							15.0	
LT. STA. 10+36								18.0	
NW QUAD ISLAND					126.0		84.0		
NE QUAD ISLAND					230.0		197.5		
<b>RUSCHE ST.</b>									
0+32.44 TO 1+12.26			284.0						
0+32.44 TO 1+32.51			346.0						
0+41.13 TO 1+11.68					71.0			12.0	
0+62.45 TO 1+11.68	109.0							12.0	17.6
SW QUAD ISLAND					153.0		16.0		
SE QUAD ISLAND					206.0		85.0		
<b>HIGHLAND AVE.</b>									
0+32.54 TO 2+31.88			438.0						
0+32.54 TO 2+31.88			418.0						
0+38.38 TO 1+45.81					108.0			24.0	
0+62.58 TO 1+54.7	191.0							12.0	17.6
1+45.81 TO 2+31.88						30.0			
NW QUAD					93.0		14.0		
NE QUAD					249.0		78.0		
SUB-TOTAL	12909.0	20.0	12113.0	2900.0	2666.0	399.0	570.5	253.5	149.6
<b>TOTAL</b>		<b>25042.0</b>		<b>2900.0</b>		<b>3065.0</b>	<b>570.5</b>	<b>253.5</b>	<b>149.6</b>

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

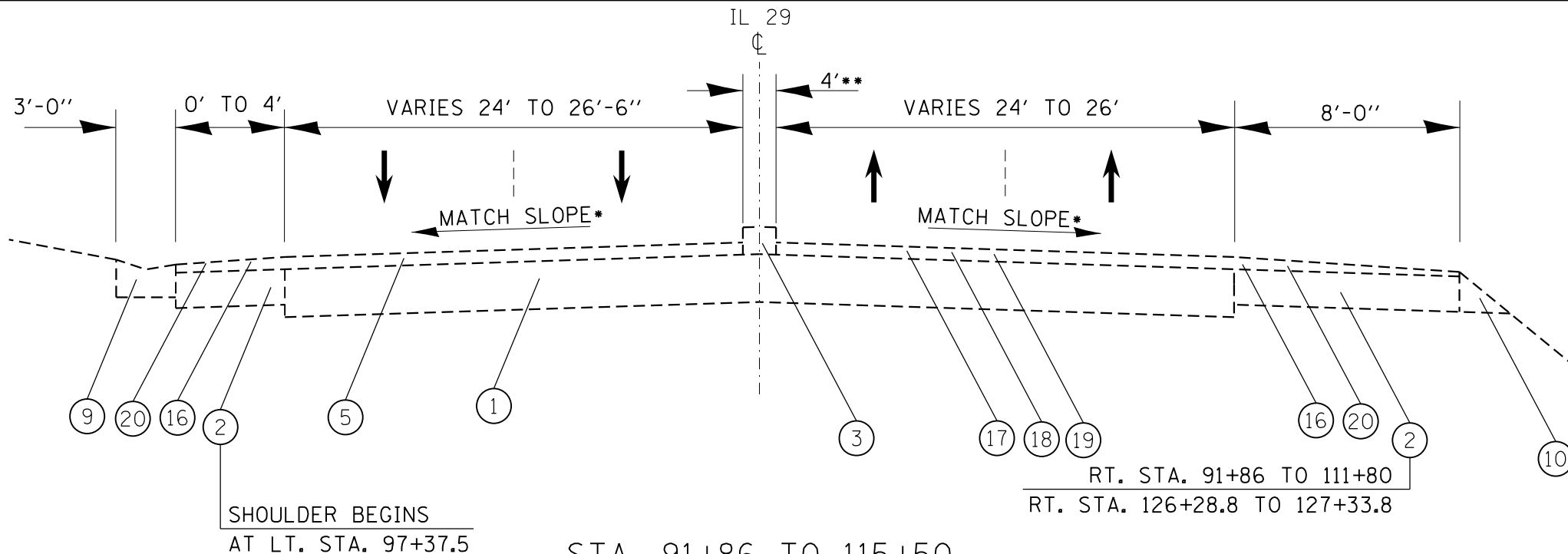
**SCHEDULE OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	IIRS-11	TAZEWELL	74	14
CONTRACT NO. 68C59			ILLINOIS FED. AID PROJECT	

**NOTES:**

- \* 3/16"/FT. IN THE TANGENT SECTIONS AND VARIABLE IN THE SUPERELEVATED SECTIONS
- \*\* MEDIAN WIDTH VARIES 4' TO 18' FROM STA. 91+86 TO 98+53
- \*\*\* GAP IN TYPICALS THROUGH THE WESLEY AND RUSCHE INTERSECTIONS



STA. 91+86 TO 115+50  
LOOKING SOUTH

SEE REMOVAL AND PROP. PLAN SHEETS FOR CONC. MEDIAN DETAILS

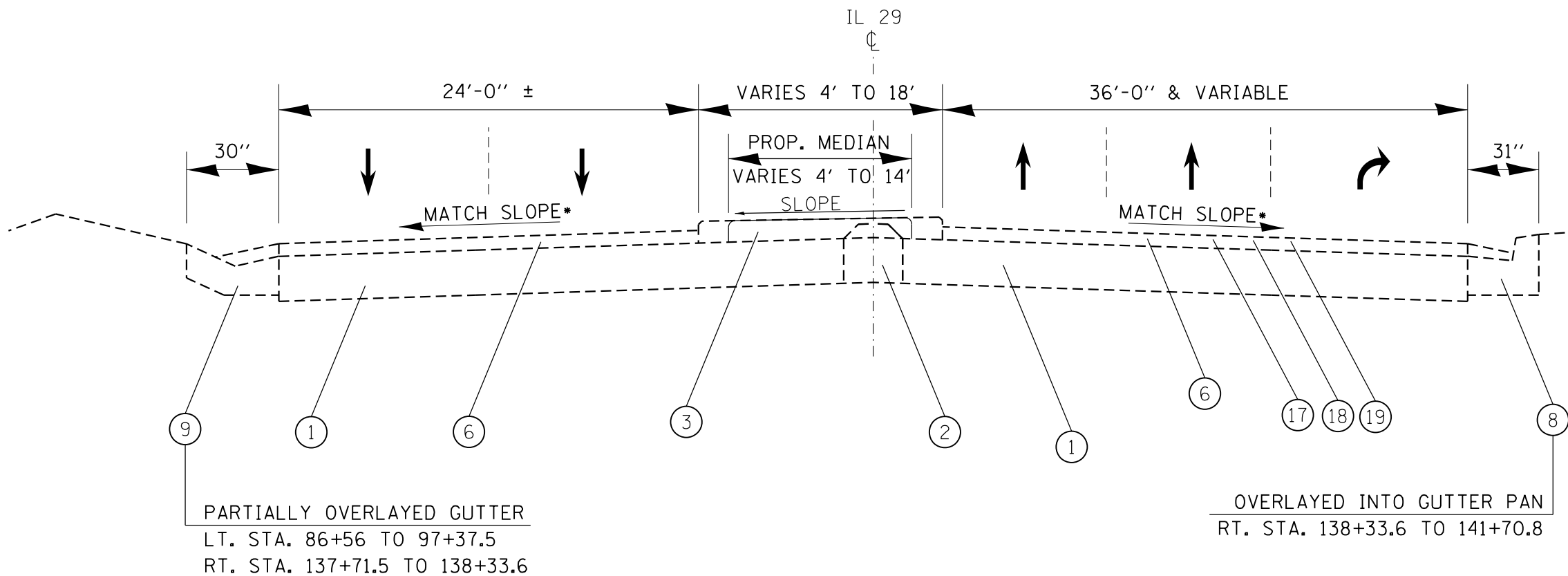
**LEGEND**

**EXISTING ITEMS**

- 1 - PCC PAVEMENT (10")
- 2 - SHOULDER
- 3 - CONCRETE MEDIAN
- 4 - ISLAND PAVEMENT
- 5 - 3" HMA OVERLAY
- 6 - 6.25" HMA OVERLAY
- 7 - 10" P.C.C. WIDENING
- 8 - CCC&G TYPE B-6.24
- 9 - CONC. GUTTER, TYPE A (MODIFIED)
- 10 - AGGREGATE SHOULDER

**PROPOSED ITEMS**

- 16 - HMA SURFACE REMOVAL, 1 1/2"
- 17 - HMA SURFACE REMOVAL, 2 1/4"
- 18 - POLY LEV. BINDER, IL-4.75, N50 3/4"
- 19 - POLY HMA SURF CSE, MIX "E", N50, 1 1/2"
- 20 - HMA SHOULDERS, 1 1/2"



STA. 86+56 TO 91+10.6 (ISLAND ENDS)  
LOOKING SOUTH

FILE NAME = D468C59-sh-typical.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -					669	IIRS-11	TAZEWELL	74	15
	PLOT DATE = 5/15/2015	CHECKED -	REVISED -		SCALE:      SHEET    OF    SHEETS    STA.                    TO STA.			CONTRACT NO. 68C59				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

**NOTES:**

- \* 3/16"/FT. IN THE TANGENT SECTIONS AND VARIABLE IN THE SUPERELEVATED SECTIONS
- \*\* 4' WIDE CURB AND HMA MEDIAN, 134+65 TO 136+66. THIS IS THE ONLY LOCATION THE MEDIAN IS NOT SOLID CONCRETE. MEDIAN WIDTH VARIES 4' TO 9'-6" FROM 136+66 TO 139+12
- \*\*\* GAP IN TYPICALS THROUGH THE WESLEY AND RUSCHE INTERSECTIONS

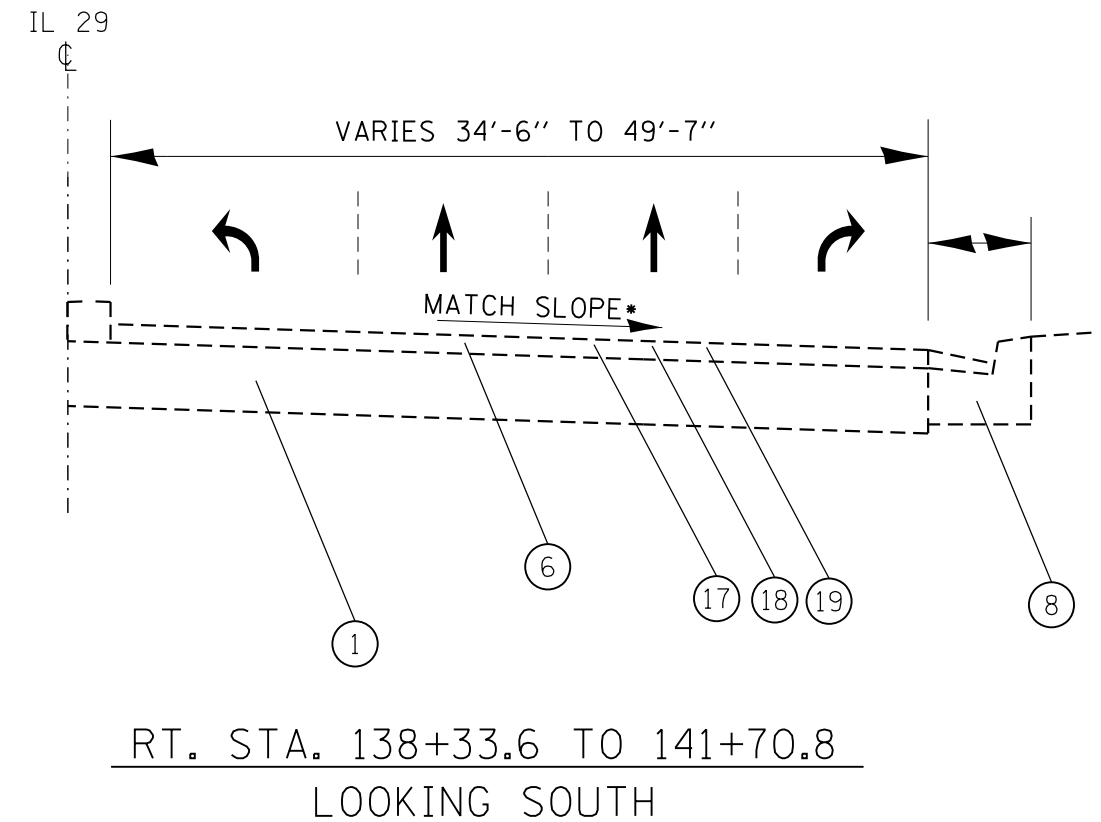
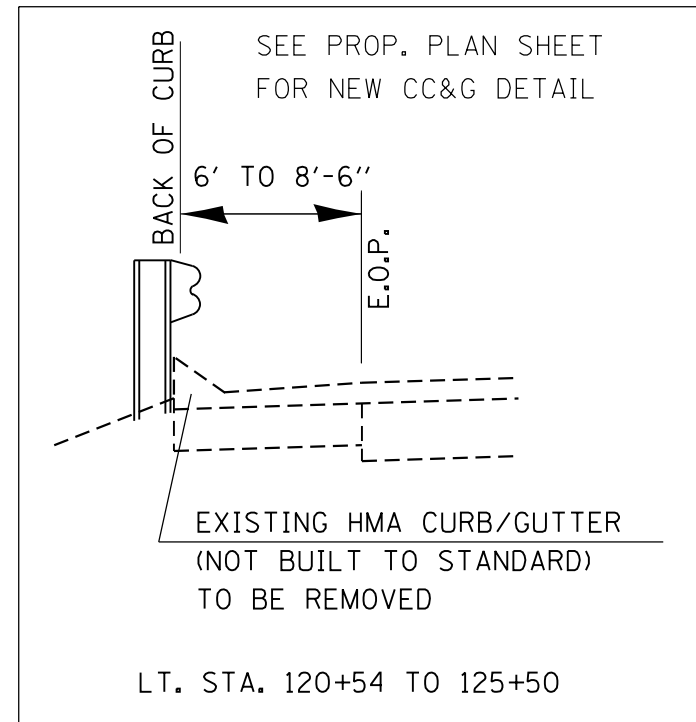
**LEGEND**

**EXISTING ITEMS**

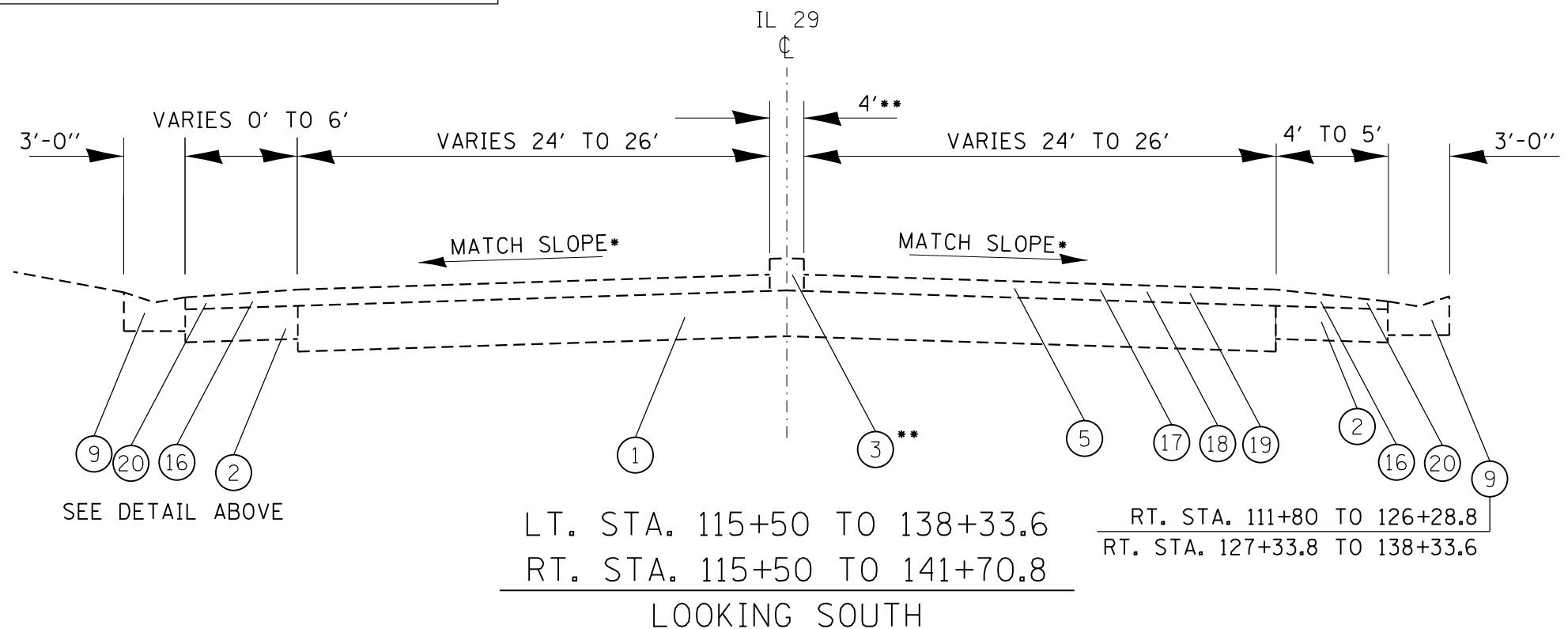
- 1 - PCC PAVEMENT (10")
- 2 - SHOULDER
- 3 - CONCRETE MEDIAN
- 4 - ISLAND PAVEMENT
- 5 - 3" HMA OVERLAY
- 6 - 6.25" HMA OVERLAY
- 7 - 10" P.C.C. WIDENING
- 8 - CCC&G TYPE B-6.24
- 9 - CONC. GUTTER, TYPE A (MODIFIED)
- 10 - AGGREGATE SHOULDER

**PROPOSED ITEMS**

- 16 - HMA SURFACE REMOVAL, 1 1/2"
- 17 - HMA SURFACE REMOVAL, 2 1/4"
- 18 - POLY LEV. BINDER, IL-4.75, N50 3/4"
- 19 - POLY HMA SURF CSE, MIX "E", N50, 1 1/2"
- 20 - HMA SHOULDERS, 1 1/2"



SEE REMOVAL AND PROP. PLAN SHEETS FOR CONC. MEDIAN DETAILS



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		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	I1RS-11	TAZEWELL	74	16
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				





SIGANL MODERNIZATION  
ISLAND REMOVAL  
& RADIUS WIDENING

TO PEORIA

WESLEY RD.

IMPROVEMENT BEGINS  
STA. 86+25

CONC. MEDIAN REMOVAL  
& REPLACEMENT  
STA. 86+70 TO 98+75

US 24 / IL 29

STATION EQUATION  
112+01.73 BK =  
111+92.46 AH

HMA CURB REMOVAL  
& REPLACEMENT WITH CC&G  
STA. 120+54 TO 125+49

CONC. MEDIAN REMOVAL  
(NO REPLACEMENT)  
STA. 139+00 TO 143+81  
(REMOVE & RECONSTRUCT  
ISLANDS @ INTERSECTION)

STATION EQUATION  
127+10.06 BK =  
127+13.97 AH

N. HIGHLAND ST.

CONC. & HMA MEDIAN REMOVAL  
& REPLACEMENT  
STA. 134+65 TO 139+00

IMPROVEMENT ENDS  
STA. 145+00

RUSCHE ST.

PROJECT LIMITS:  
RUSCHE AVENUE = 1+12  
HIGHLAND AVENUE = 1+55  
WESLEY ROAD = 11+43

N. MAIN ST.

TO PEKIN

DRAWING NOT TO SCALE

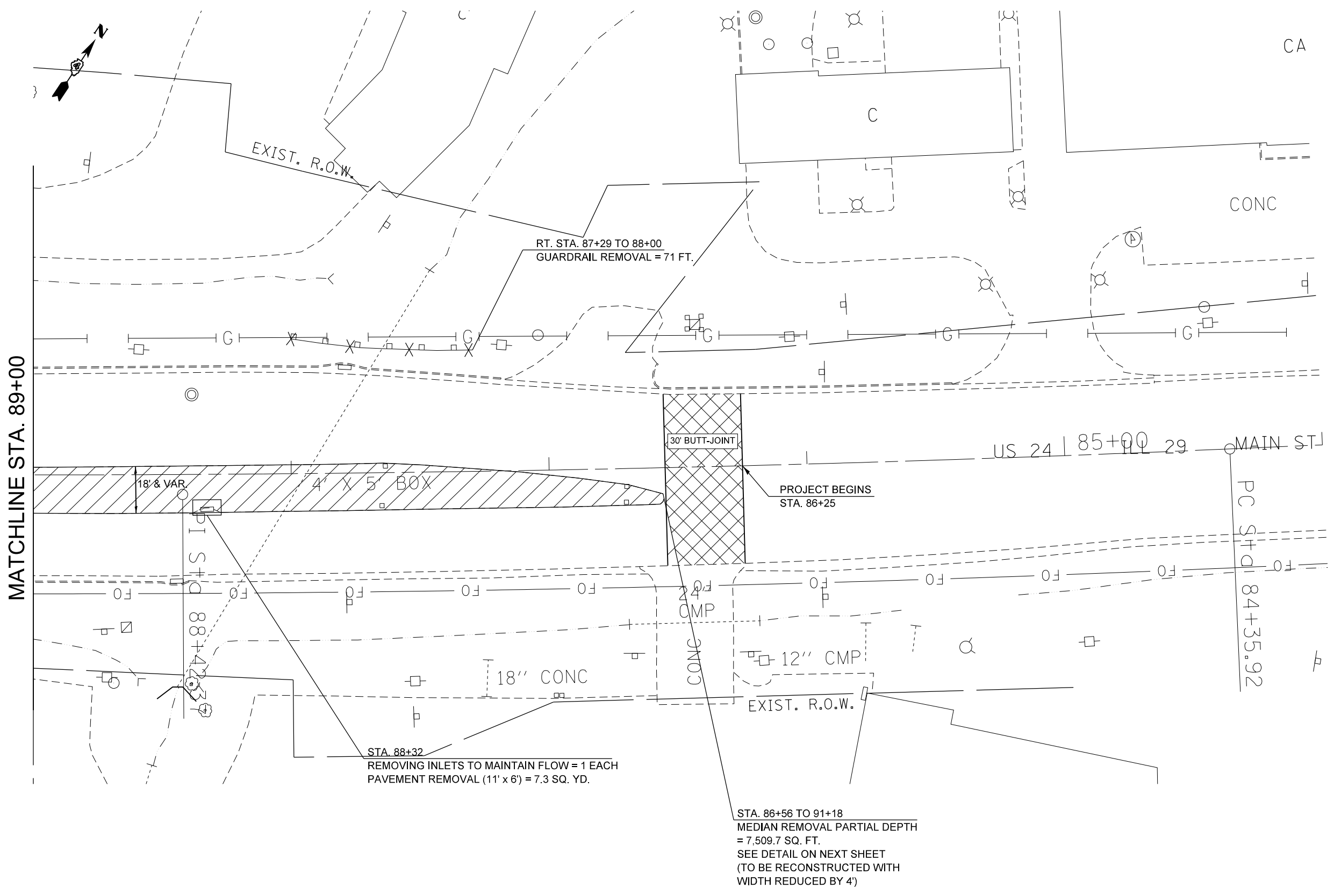
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN SCHEMATIC

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	17
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



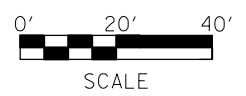
MATCHLINE STA. 89+00

CA

CONC

US 24 | 85+00 | 29 | MAIN ST

PC STA 84+35.92



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		DATE -	REVISED -

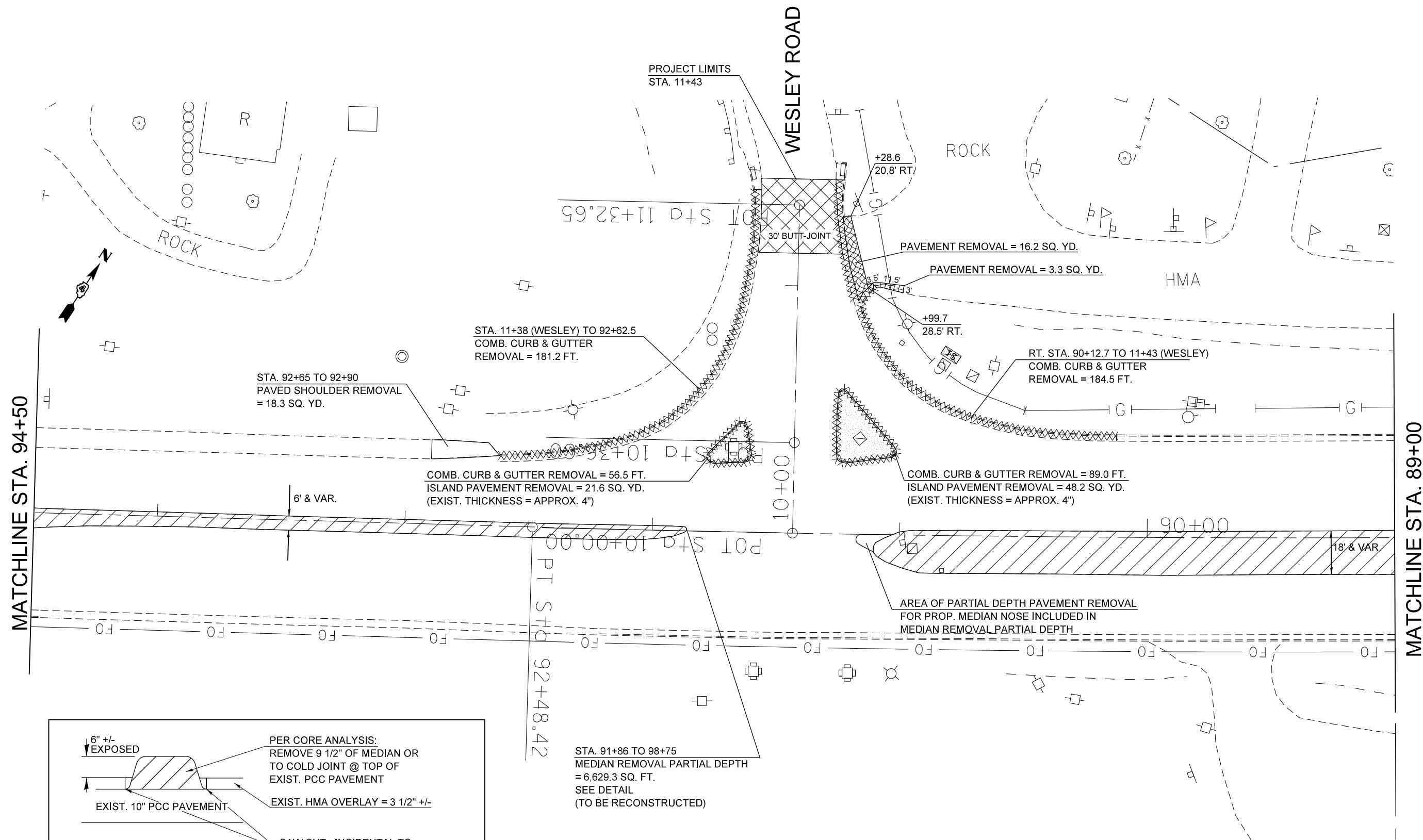
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	I1RS-11	TAZEWELL	74	18
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

STA. 88+32  
REMOVING INLETS TO MAINTAIN FLOW = 1 EACH  
PAVEMENT REMOVAL (11' x 6') = 7.3 SQ. YD.

STA. 86+56 TO 91+18  
MEDIAN REMOVAL PARTIAL DEPTH  
= 7,509.7 SQ. FT.  
SEE DETAIL ON NEXT SHEET  
(TO BE RECONSTRUCTED WITH  
WIDTH REDUCED BY 4')

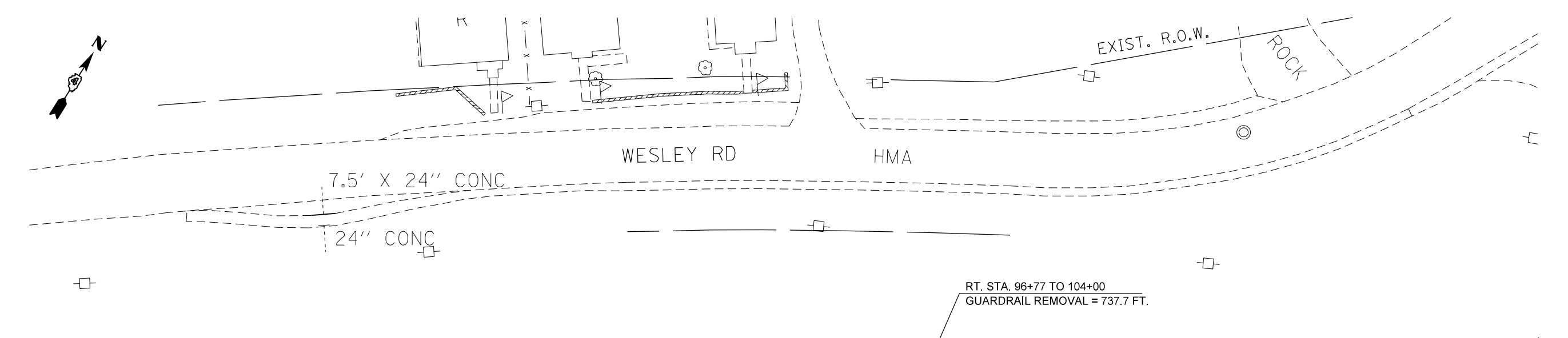


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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

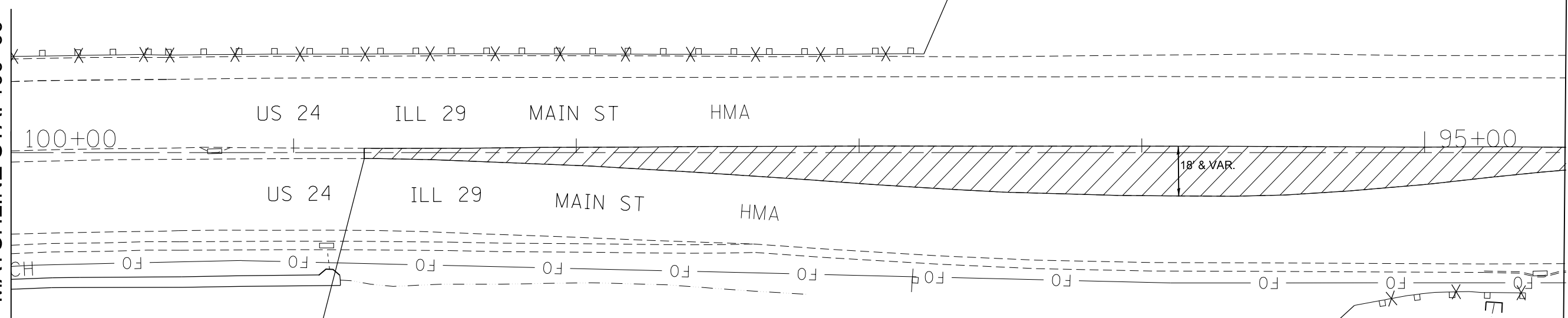
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	19
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

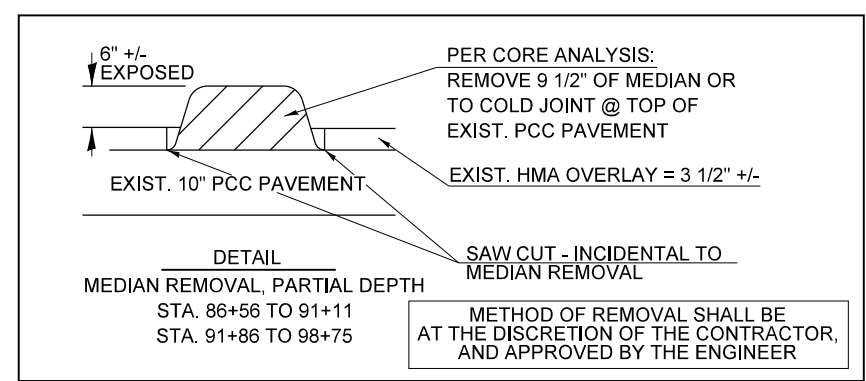


MATCHLINE STA. 100+00

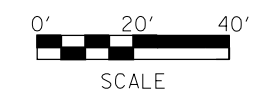
MATCHLINE STA. 94+50



STA. 91+86 TO 98+75  
 MEDIAN REMOVAL PARTIAL DEPTH  
 = 6,629.3 SQ. FT.  
 SEE DETAIL  
 (TO BE RECONSTRUCTED)



LT. STA. 94+64 TO 95+25  
 GUARDRAIL REMOVAL = 61 FT.

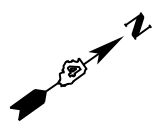


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		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	20
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



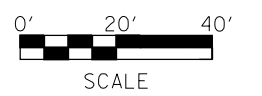
RT. STA. 96+77 TO 104+00  
 GUARDRAIL REMOVAL = 737.7 FT.

MATCHLINE STA. 105+50

105+00

MATCHLINE STA. 100+00

PC STA. 100+36.71  
 PAVED DIT



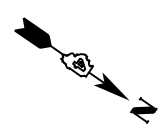
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	PLOT DATE = 5/15/2015	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

REMOVAL ITEMS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	21
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 111+50



110+00

CREVEE (

MATCHLINE STA. 105+50



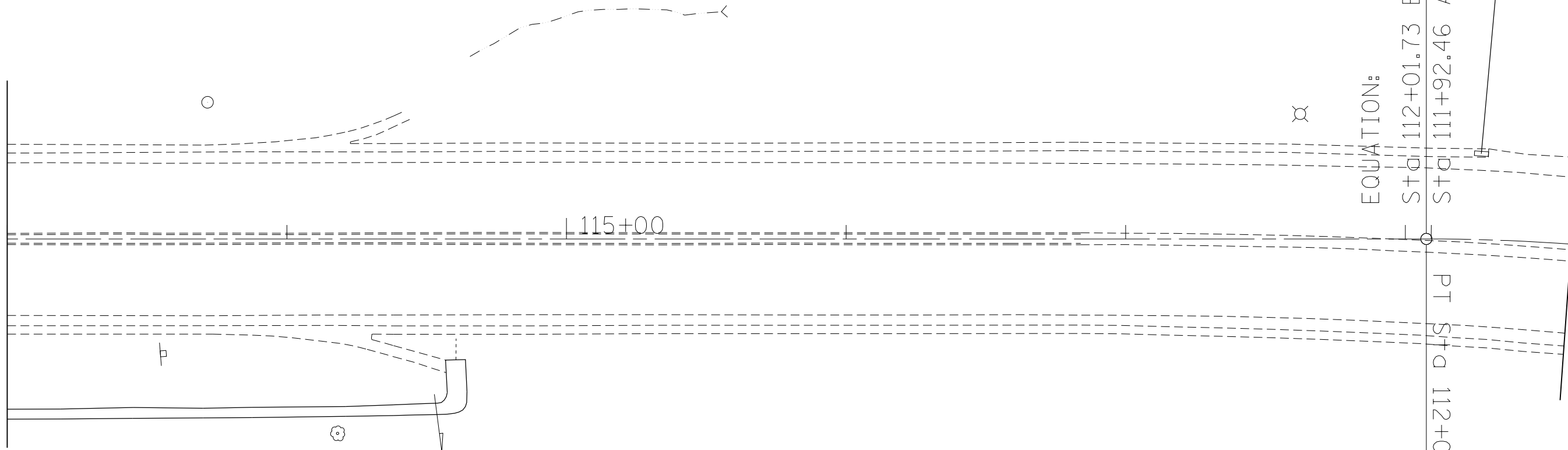
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL ITEMS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE. 669	SECTION 11RS-11	COUNTY TAZEWELL	TOTAL SHEETS 74	SHEET NO. 22
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

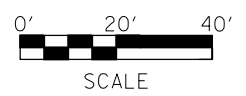
MATCHLINE STA. 117+00



RT. STA. 111+83  
REMOVING INLETS TO MAINTAIN FLOW = 1 EACH

EQUATION:  
STA 112+01.73 BK =  
STA 111+92.46 AH

MATCHLINE STA. 111+50



FILE NAME = D468C59-sht-plan.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
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	PLOT DATE = 5/15/2015	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL ITEMS</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE. 669	SECTION IIRS-11	COUNTY TAZEWELL	TOTAL SHEETS 74	SHEET NO. 23
CONTRACT NO. 68C59			ILLINOIS FED. AID PROJECT	



MATCHLINE STA. 122+50

MATCHLINE STA. 117+00

RT. STA. 120+43.5 TO 122+00  
 GUARDRAIL REMOVAL = 156.5 FT.

LT. STA. 120+86 TO 127+59  
 GUARDRAIL REMOVAL = 701.8 FT.

LT. STA. 120+54 TO 125+49  
 CURB REMOVAL (SPECIAL) = 518 FT.

PC STA. 120+68.30

US 24  
 120+00

ILL 29

HMA

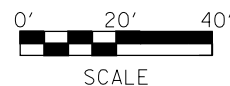
US 24

ILL 29

HMA

PAVED DITCH

CREVE COEUR



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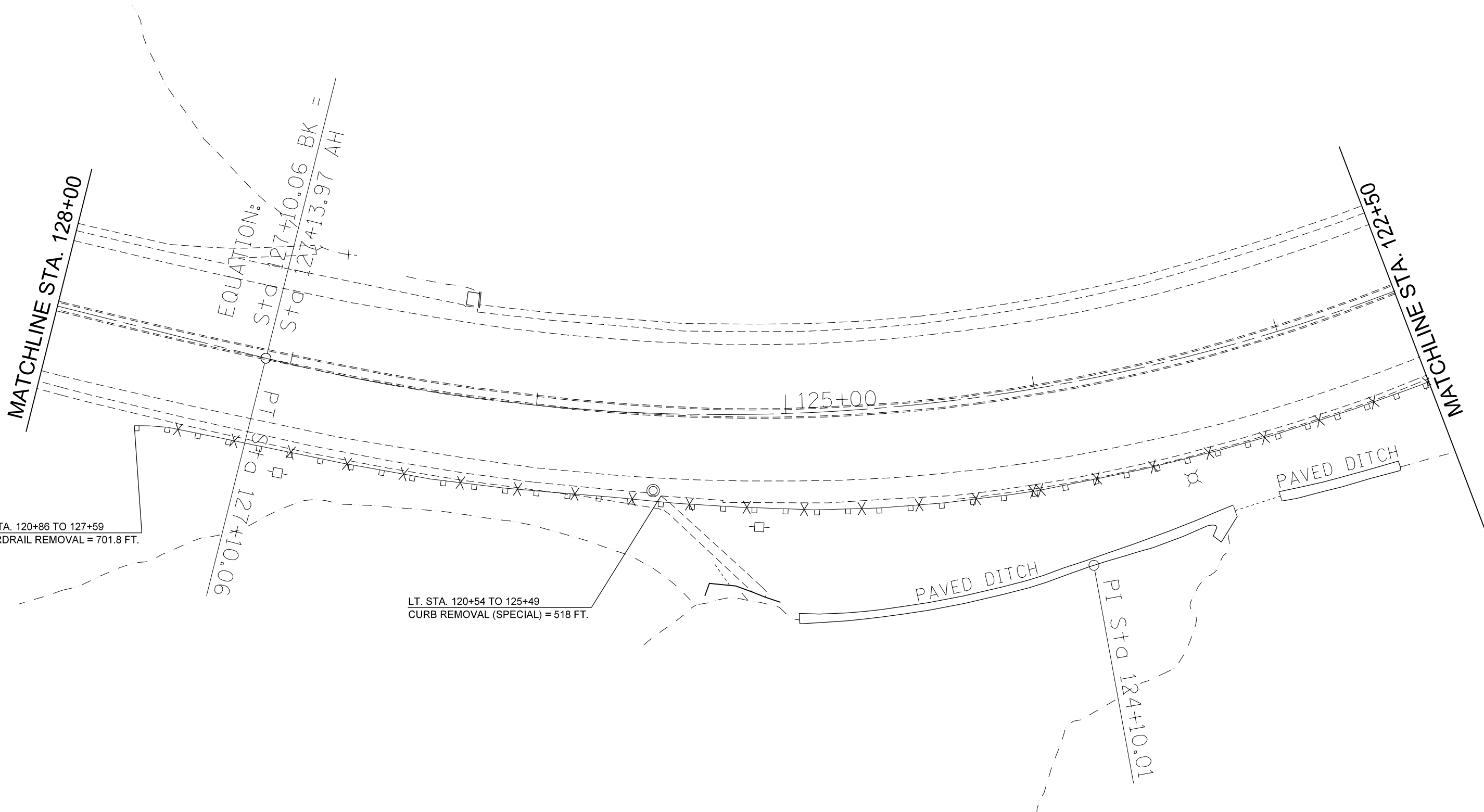
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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REMOVAL ITEMS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	24
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



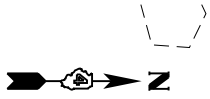


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Default	PLOT DATE = 5/15/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL ITEMS</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	IIRS-11	TAZEWELL	74	25
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

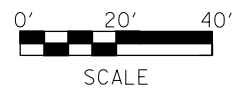


MATCHLINE STA. 133+50

PC STA. 132+62.83

130+00

MATCHLINE STA. 128+00



FILE NAME =  
D468C59-sht-plan.dgn  
Default

USER NAME = keithbr  
PLOT SCALE = 40.0000' / in.  
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DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

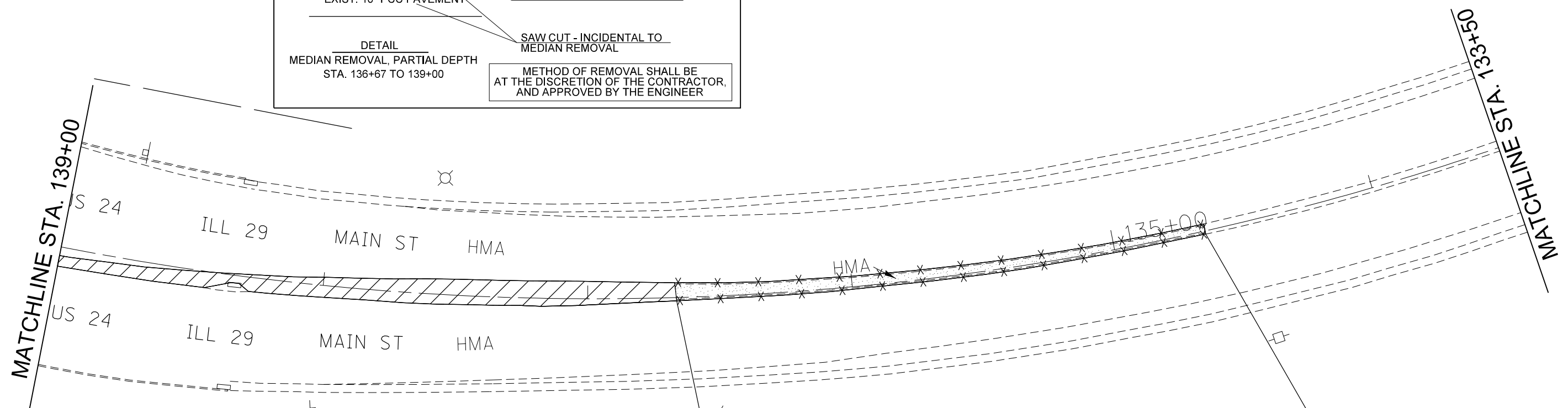
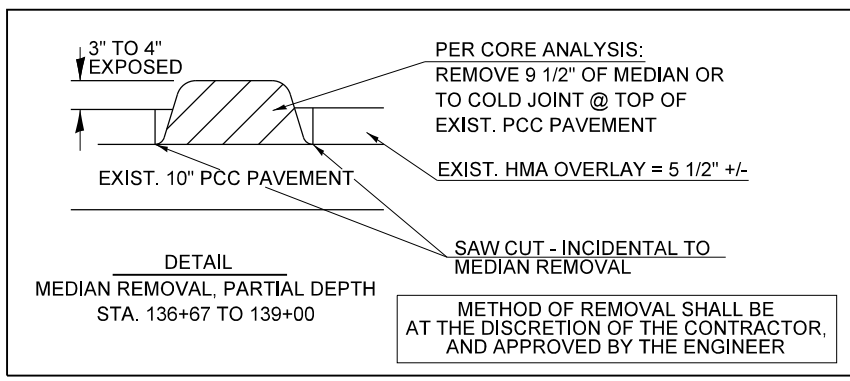
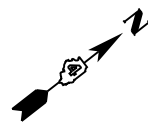
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REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. TO STA.

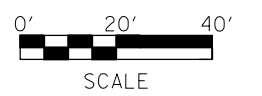
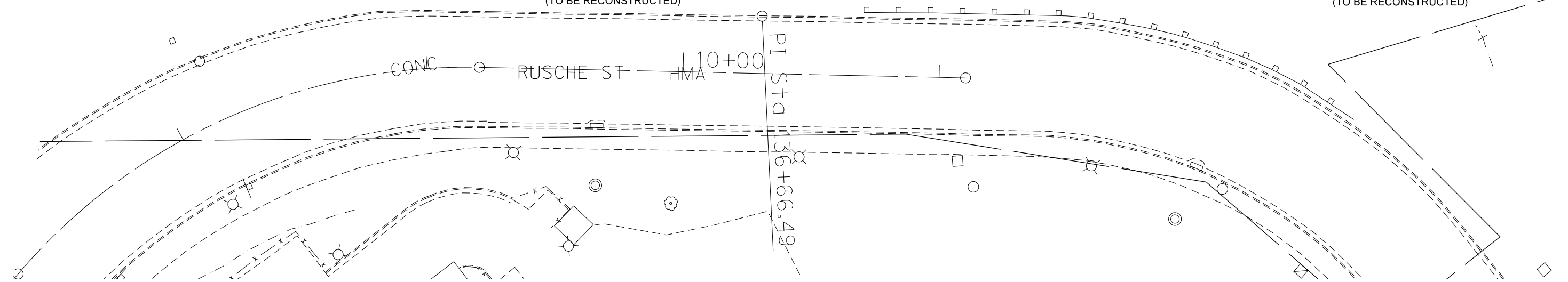
**REMOVAL ITEMS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	26
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



STA. 136+67 TO 139+00  
MEDIAN REMOVAL PARTIAL DEPTH  
= 1,703.3 SQ. FT.  
SEE DETAIL  
(TO BE RECONSTRUCTED)

STA. 134+65 TO 136+67  
COMB. CURB & GUTTER REMOVAL = 402 FT.  
REMOVAL OF EXIST. HMA CAP PAID AS -  
ISLAND PAVEMENT REMOVAL = 106.6 SQ. YD.  
(TO BE RECONSTRUCTED)



FILE NAME = D468C59-sht-plan.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 5/15/2015	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET OF SHEETS		STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	27
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

PROJECT LIMITS = STA. 1+55

STA. 0+40.5 TO 1+55  
 MEDIAN REMOVAL PARTIAL DEPTH  
 = 427.4 SQ. FT.

30' BUTT-JOINT  
 (NOT SHOWN)

PROJECT ENDS STA. 145+00

STA. 142+55 TO 143+81  
 MEDIAN REMOVAL PARTIAL DEPTH  
 = 580 SQ. FT.  
 (NOT TO BE RECONSTRUCTED)

30' BUTT-JOINT  
 (NOT SHOWN)

ISLAND REMOVAL = 148 SQ. FT.  
 EXIST. THICKNESS = 10" +/-  
 PAVEMENT REMOVAL (LIMITS OF PROP. ISLAND)  
 = 11.4 SQ. YD.

ISLAND REMOVAL = 428.9 SQ. FT.  
 EXIST. THICKNESS = 10" +/-  
 PAVEMENT REMOVAL (LIMITS OF PROP. ISLAND)  
 = 18 SQ. YD.

ISLAND REMOVAL = 413.4 SQ. FT.  
 EXIST. THICKNESS = 10" +/-  
 (INCLUDES DEPRESSED RAMP AND CURB)  
 PAVEMENT REMOVAL (LIMITS OF PROP. ISLAND)  
 = 20.3 SQ. YD.

ISLAND REMOVAL = 889.3 SQ. FT.  
 EXIST. THICKNESS = 10" +/-  
 PAVEMENT REMOVAL (LIMITS OF PROP. ISLAND)  
 = 14.7 SQ. YD.

LT. STA. 0+72  
 REMOVING INLETS TO MAINTAIN FLOW = 1 EACH

STA. 139+00 TO 141+71  
 MEDIAN REMOVAL PARTIAL DEPTH  
 = 1,004.4 SQ. FT.  
 (NOT TO BE RECONSTRUCTED)

STA. 0+39 TO 1+12  
 MEDIAN REMOVAL PARTIAL DEPTH  
 = 268.2 SQ. FT.

PROJECT LIMITS = STA. 1+12

30' BUTT-JOINT

30' BUTT-JOINT

RUSCHE ST

RUSCHE ST

FDN

BILLBOARD

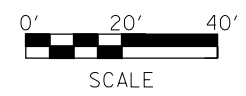
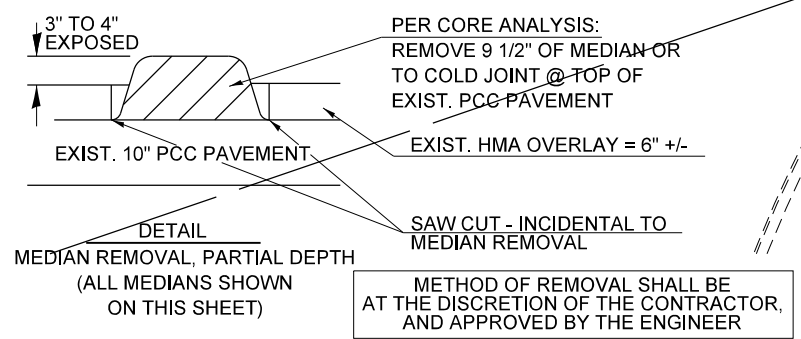
BILLBOARD

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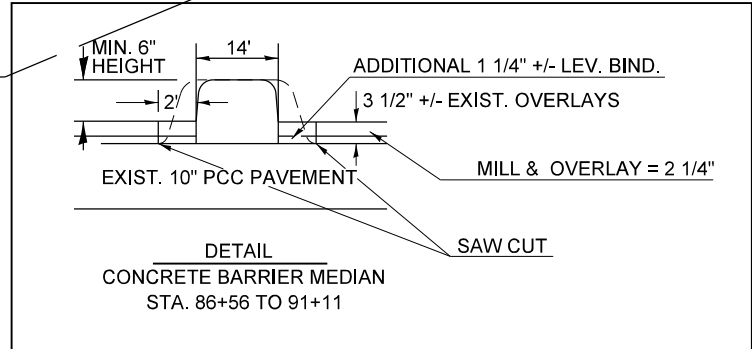
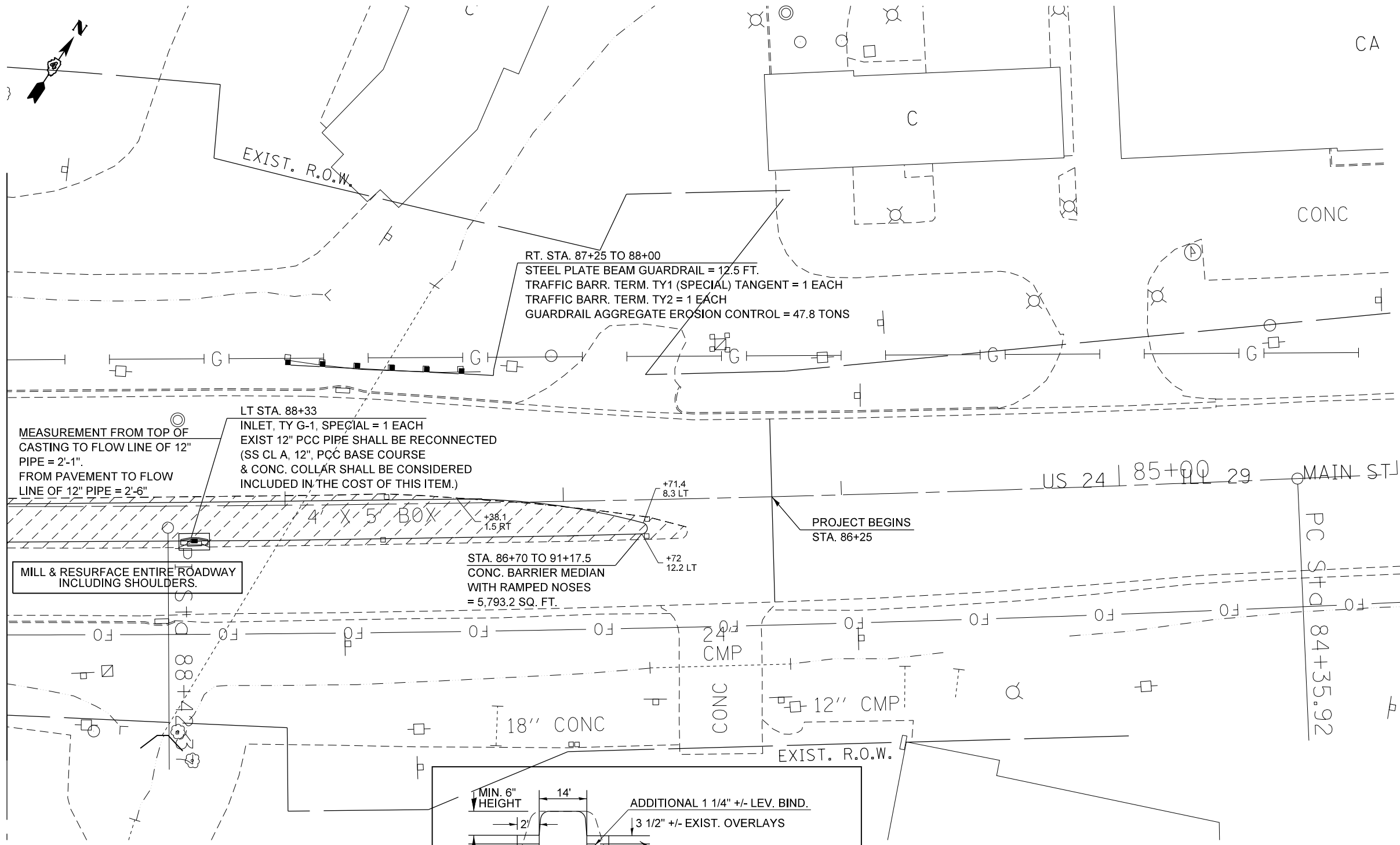
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		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

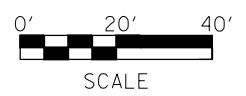
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	28
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 89+00



**NOTE**  
SOLID CONCRETE BARRIER MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE TO CADD STD. 606301, INCLUDING THE FABRIC, AND HIGHWAY STD. 606301



FILE NAME = D468C59-sh1-plan.dgn  
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PLOT DATE = 5/15/2015

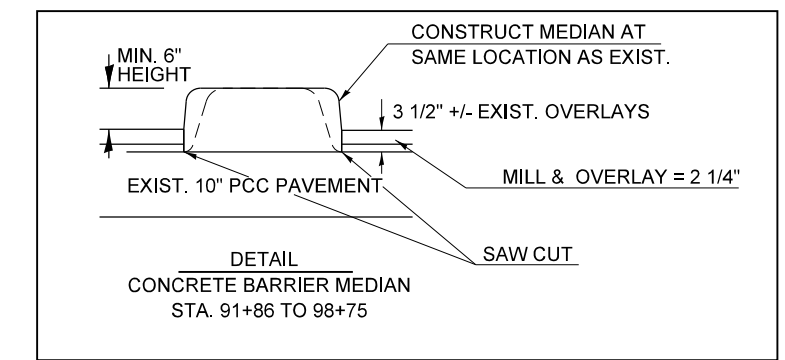
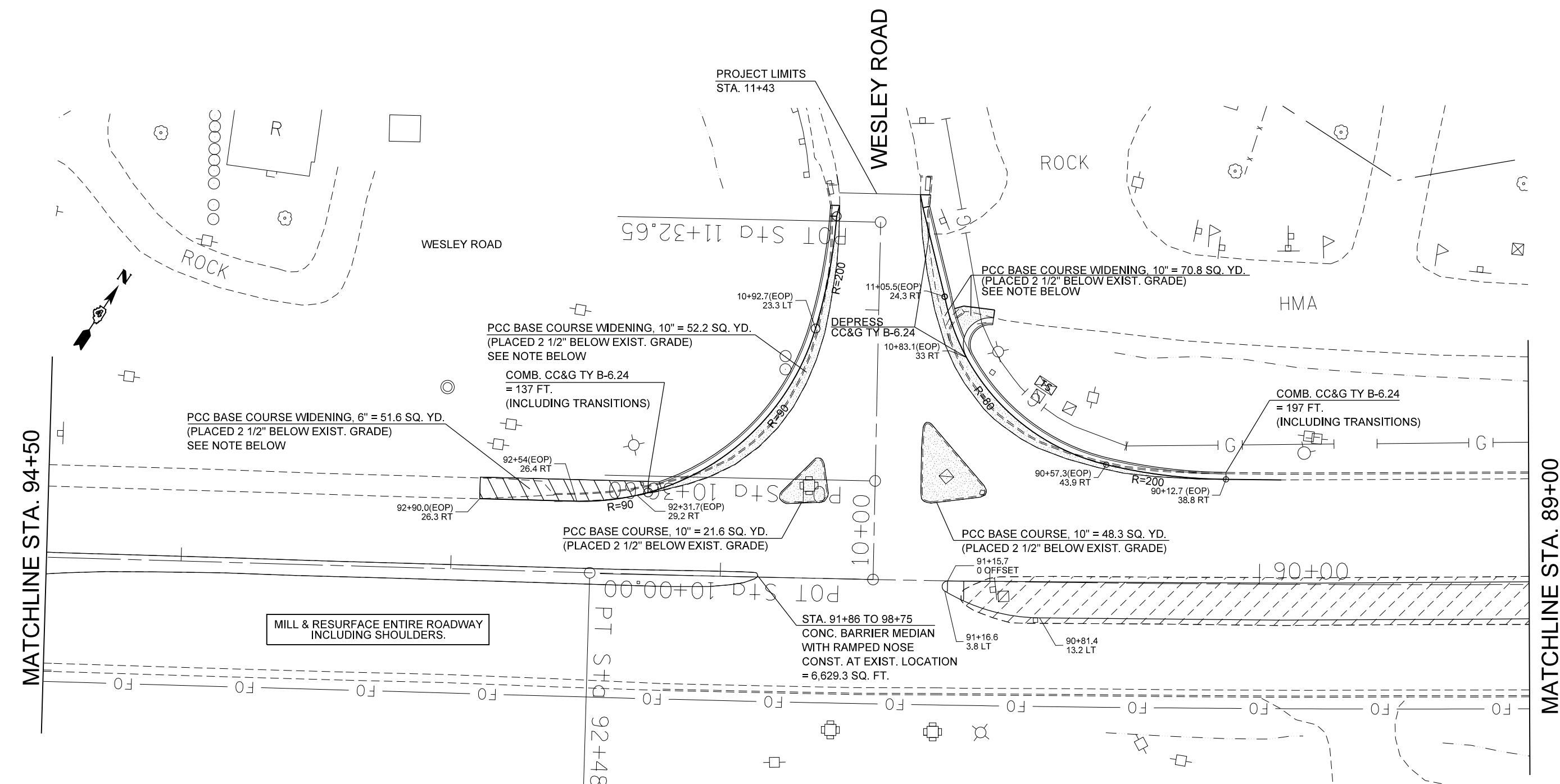
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

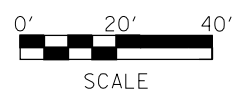
**PROPOSED PLAN**  
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	I1RS-11	TAZEWELL	74	29
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



**NOTE**  
SOLID CONCRETE BARRIER MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE TO CADD STD. 606301, INCLUDING THE FABRIC, AND HIGHWAY STD. 606301

**NOTE**  
PRIOR TO PLACING THE PROP PCC BASE COURSE WIDENING, THE RESIDENT SHALL DETERMINE IF IT CAN PROPERLY BE TIED TO THE EXIST. CONC. PAVEMENT. IF SO, THE CONTRACTOR SHALL USE NO. 6 TIE BARS 24" LONG, AT 24" CENTERS DRILLED 8" INTO THE EXIST. PAVEMENT. THIS WORK SHALL BE PAID FOR PER ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

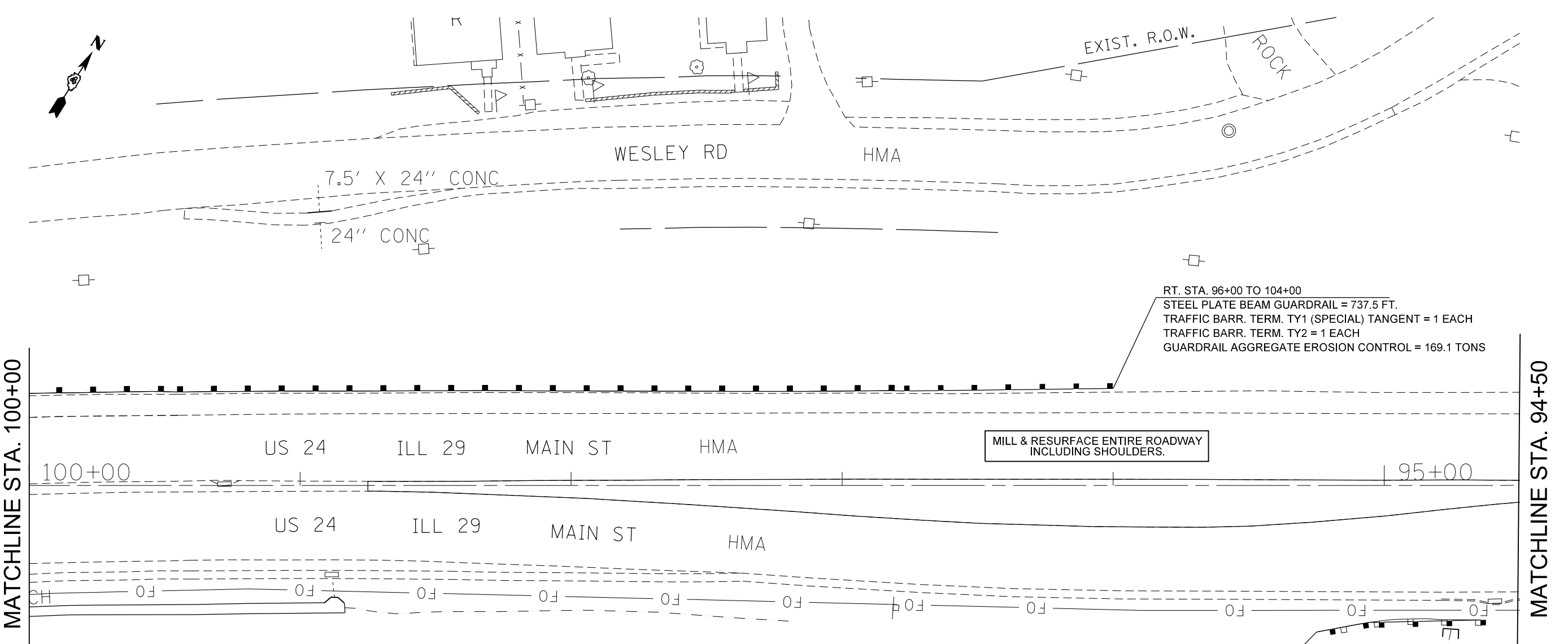


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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED PLAN</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

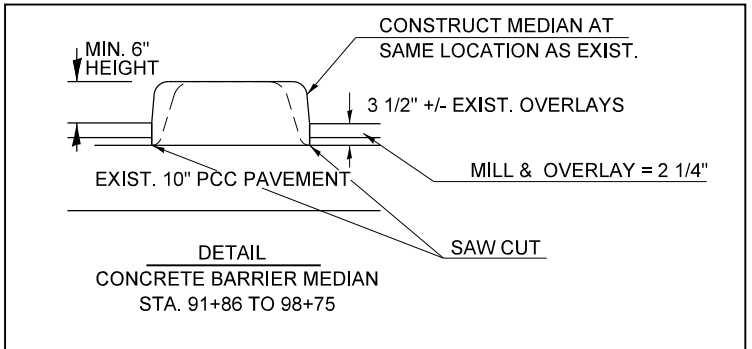
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	30
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



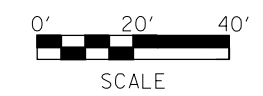
RT. STA. 96+00 TO 104+00  
 STEEL PLATE BEAM GUARDRAIL = 737.5 FT.  
 TRAFFIC BARR. TERM. TY1 (SPECIAL) TANGENT = 1 EACH  
 TRAFFIC BARR. TERM. TY2 = 1 EACH  
 GUARDRAIL AGGREGATE EROSION CONTROL = 169.1 TONS

MILL & RESURFACE ENTIRE ROADWAY INCLUDING SHOULDERS.

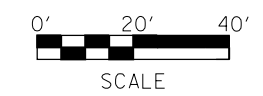
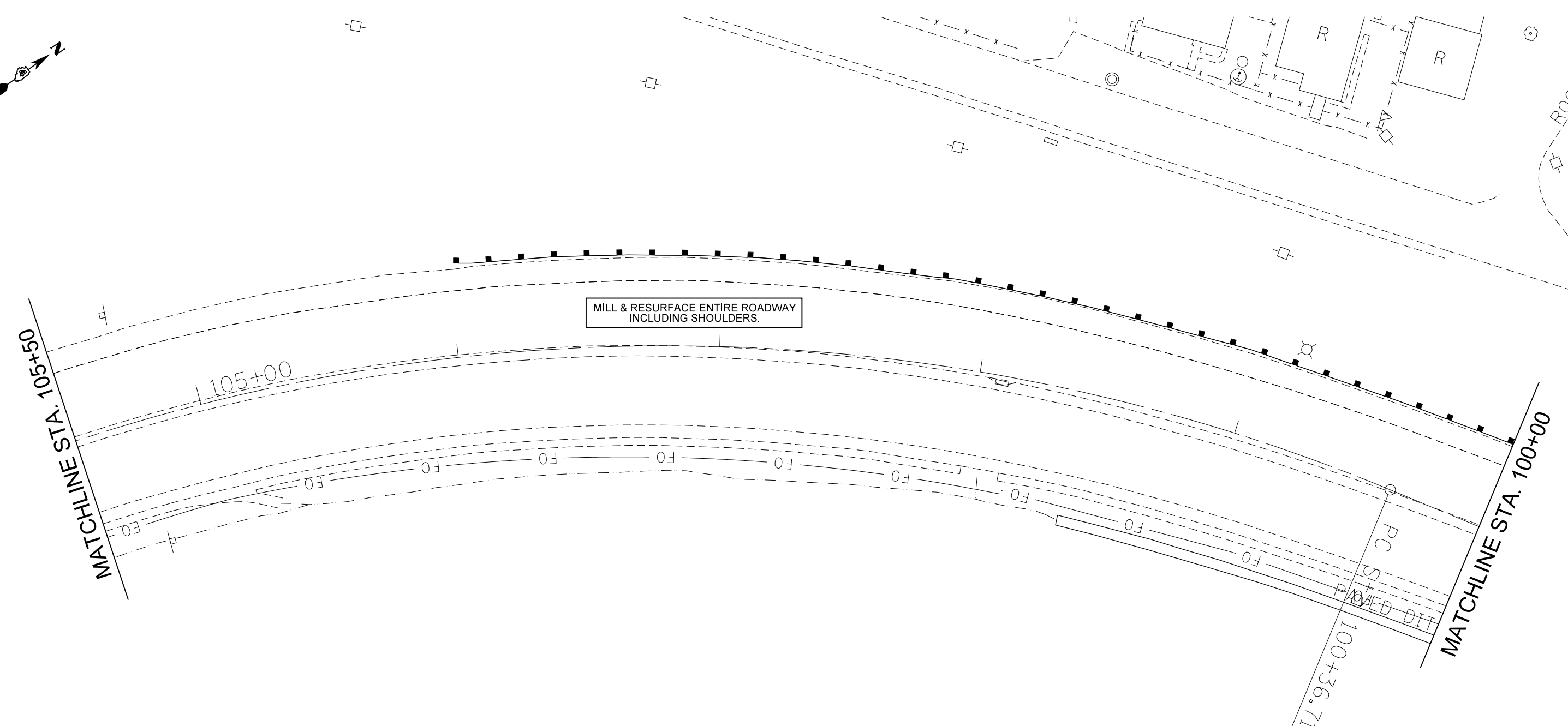
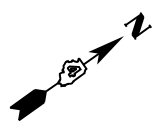
LT. STA. 94+62.5 TO 95+25  
 STEEL PLATE BEAM GUARDRAIL = 25 FT.  
 TRAFFIC BARR. TERM. TY1B = 1 EACH  
 TRAFFIC BARR. TERM. TY2 = 1 EACH  
 GUARDRAIL AGGREGATE EROSION CONTROL = 31.6 TONS



**NOTE**  
 SOLID CONCRETE BARRIER MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE TO CADD STD. 606301, INCLUDING THE FABRIC, AND HIGHWAY STD. 606301



FILE NAME = D468C59-sh1-plan.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLAN</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	DRAWN -	REVISED -						669	IIRS-11	TAZEWELL	74	31
Default	PLOT DATE = 5/15/2015	CHECKED -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 68C59		



FILE NAME = D468C59-sht-plan.dgn	USER NAME = keathbr	DESIGNED -	REVISED -
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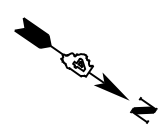
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED PLAN</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 669	SECTION 11RS-11	COUNTY TAZEWELL	TOTAL SHEETS 74	SHEET NO. 32
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 111+50

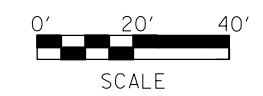


110+00

MILL & RESURFACE ENTIRE ROADWAY INCLUDING SHOULDERS.

CREVE (

MATCHLINE STA. 105+50



FILE NAME = D468C59-sht-plan.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
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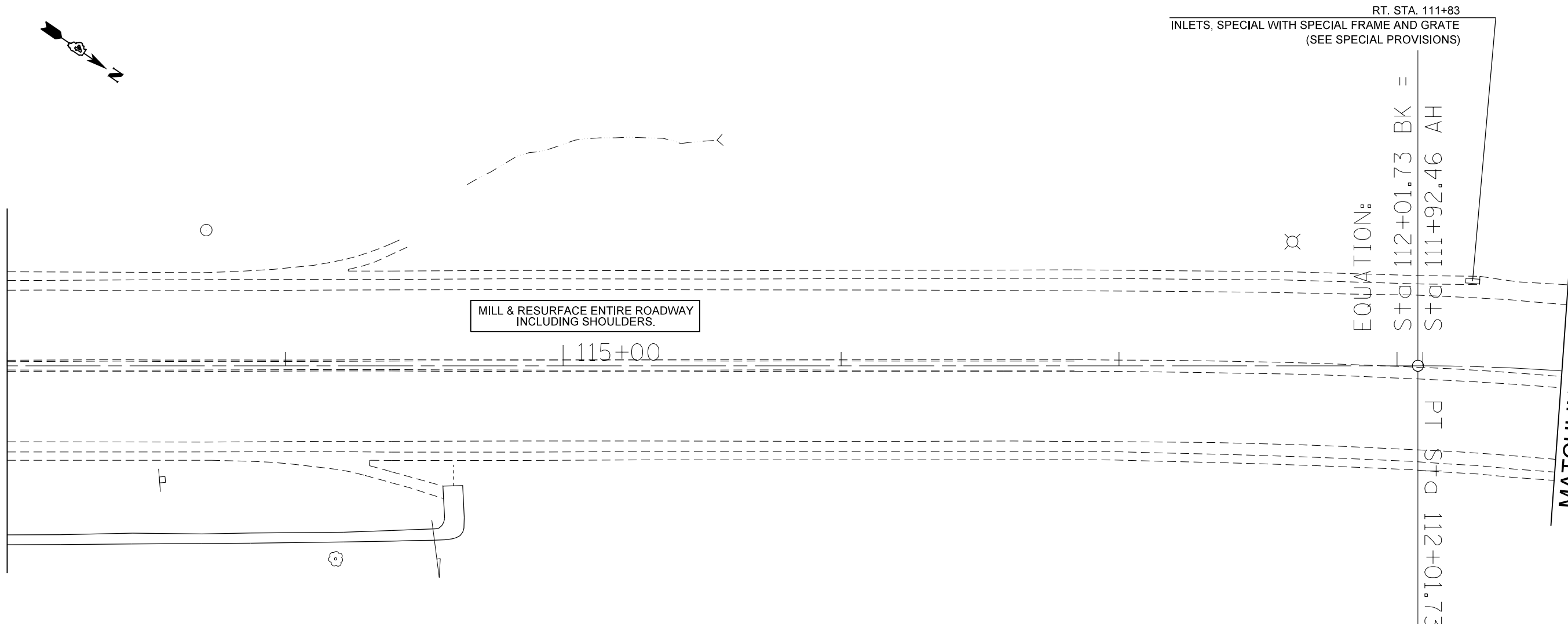
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	33
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 117+00



MILL & RESURFACE ENTIRE ROADWAY INCLUDING SHOULDERS.

115+00

RT. STA. 111+83  
INLETS, SPECIAL WITH SPECIAL FRAME AND GRATE  
(SEE SPECIAL PROVISIONS)

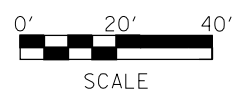
EQUATION:

Sta 112+01.73 BK =

Sta 111+92.46 AH

PT Sta 112+01.73

MATCHLINE STA. 111+50



FILE NAME = D468C59-sht-plan.dgn	USER NAME = keithbr	DESIGNED -	REVISED -
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	PLOT DATE = 5/15/2015	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED PLAN</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	34
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 122+50

MATCHLINE STA. 117+00

RT. STA. 120+40 TO 122+02.5  
 STEEL PLATE BEAM GUARDRAIL = 100 FT.  
 TRAFFIC BARR. TERM. TY1 (SPECIAL) TANGENT = 1 EACH  
 TRAFFIC BARR. TERM. TY2 = 1 EACH  
 GUARDRAIL AGGREGATE EROSION CONTROL = 62.5 TONS

MILL & RESURFACE ENTIRE ROADWAY INCLUDING SHOULDERS.

US 24 ILL 29 HMA  
 120+00  
 US 24 ILL 29 HMA

ADDITIONAL CONCRETE  
 APP. 21 SQ. YD.

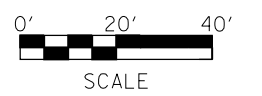
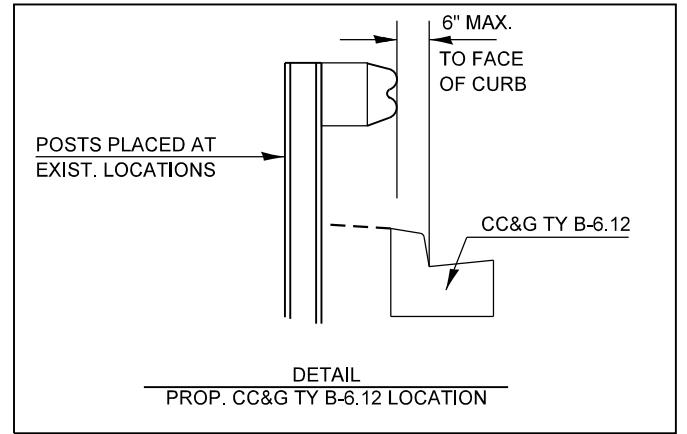
PC STA. 120+68.30

PAVED DITCH

LT. STA. 120+54 TO 125+49  
 CC&G TYPE B-6.12 = 518 FT.  
 (SEE SPECIAL PROVISIONS)

CREVE COEUR

LT. STA. 120+85 TO 127+97.5  
 STEEL PLATE BEAM GUARDRAIL = 650 FT.  
 TRAFFIC BARR. TERM. TY1 (SPECIAL) TANGENT = 1 EACH  
 TRAFFIC BARR. TERM. TY2 = 1 EACH  
 GUARDRAIL AGGREGATE EROSION CONTROL = 154.4 TONS

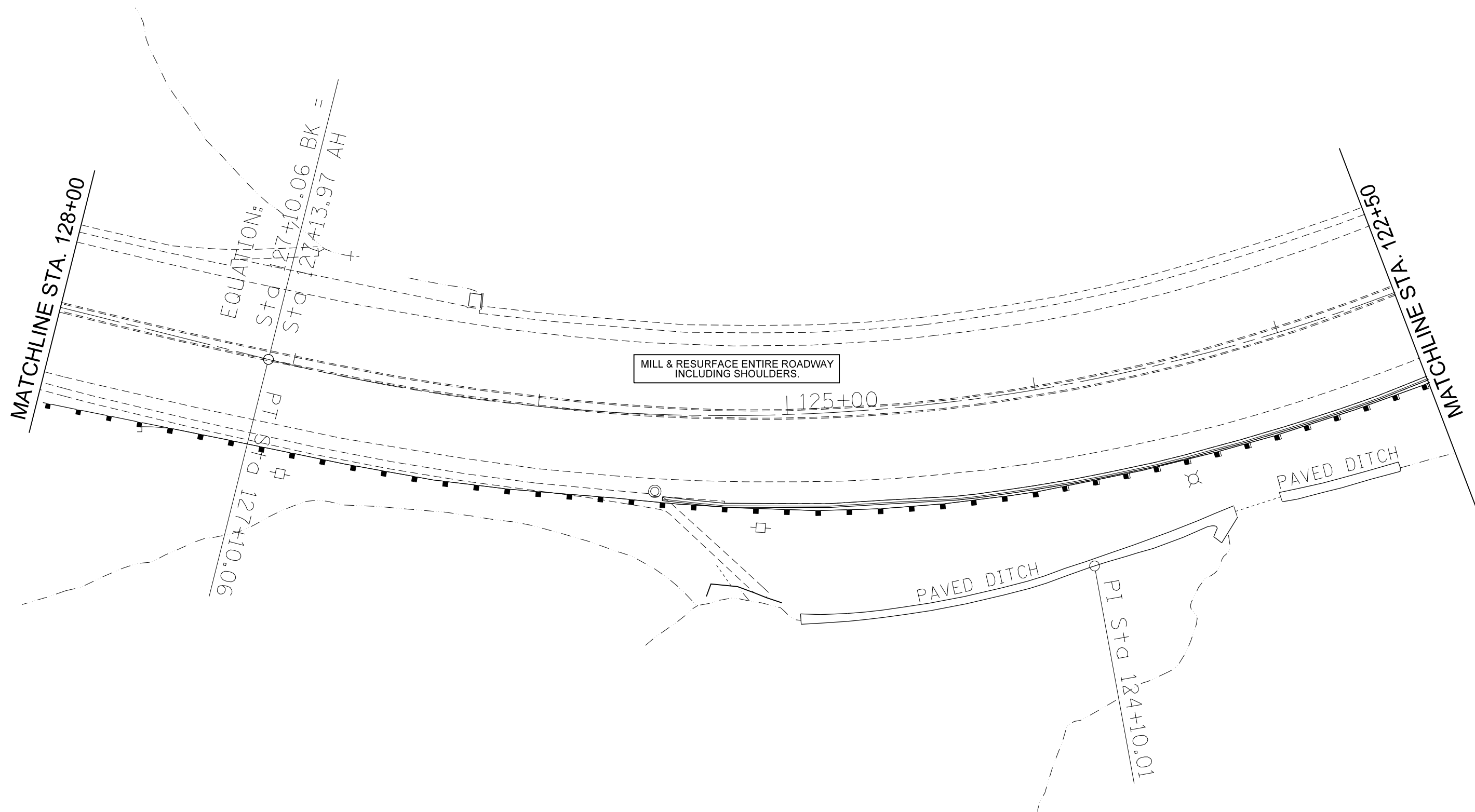


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		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	IIRS-11	TAZEWELL	74	35
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

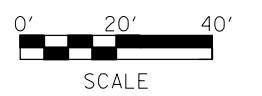


MILL & RESURFACE ENTIRE ROADWAY INCLUDING SHOULDERS.

PAVED DITCH

PAVED DITCH

PI STA 124+10.01

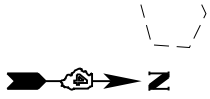


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PROPOSED PLAN</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	36
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 133+50

PC STA. 132+62.83

MILL & RESURFACE ENTIRE ROADWAY  
INCLUDING SHOULDERS.

130+00

MATCHLINE STA. 128+00



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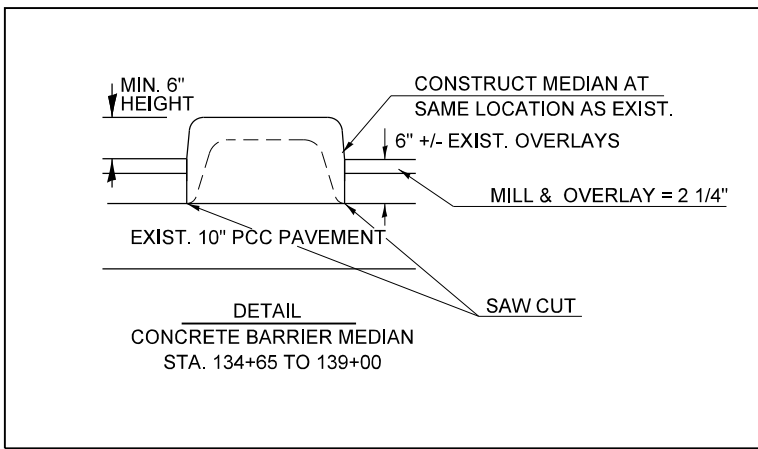
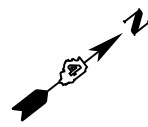
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	37
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



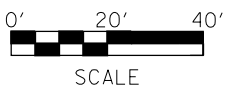
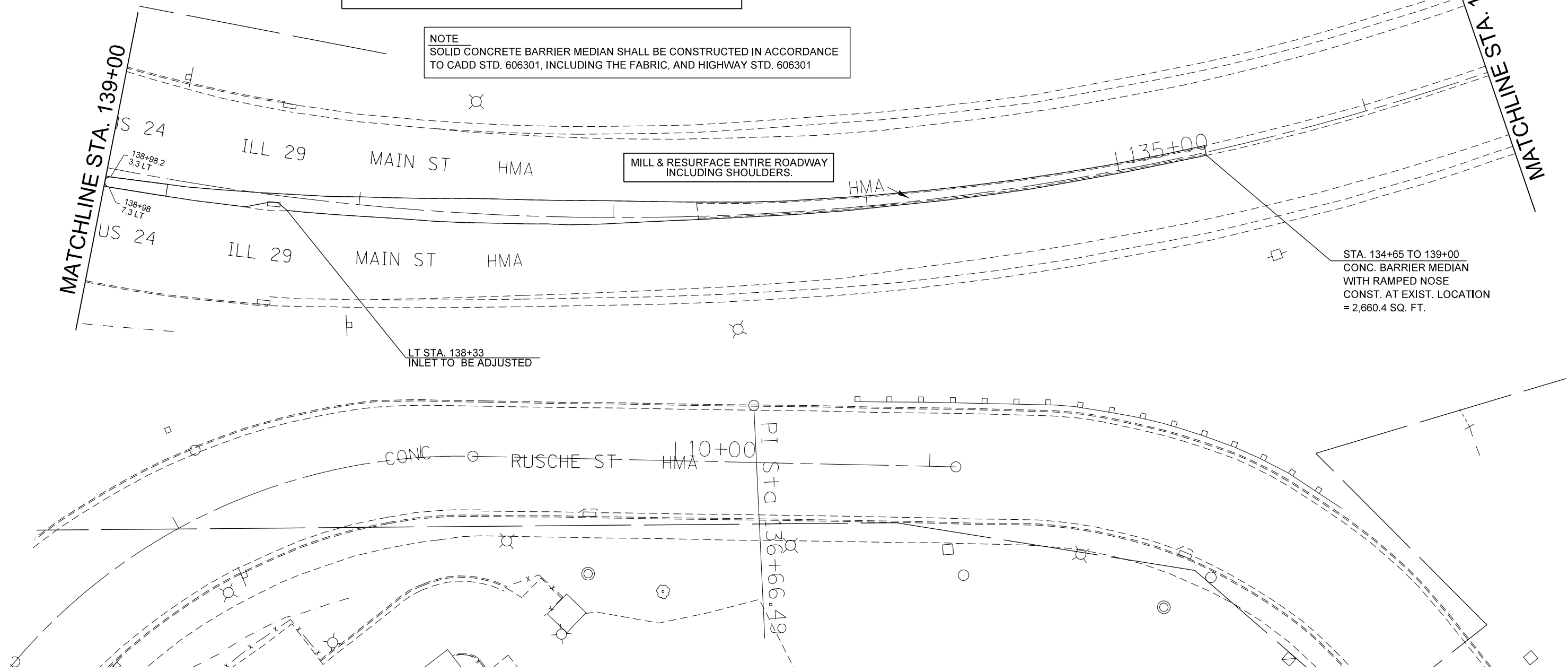
NOTE  
 SOLID CONCRETE BARRIER MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE TO CADD STD. 606301, INCLUDING THE FABRIC, AND HIGHWAY STD. 606301

MILL & RESURFACE ENTIRE ROADWAY INCLUDING SHOULDERS.

STA. 134+65 TO 139+00  
 CONC. BARRIER MEDIAN WITH RAMPED NOSE  
 CONST. AT EXIST. LOCATION  
 = 2,660.4 SQ. FT.

MATCHLINE STA. 139+00

MATCHLINE STA. 133+11



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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

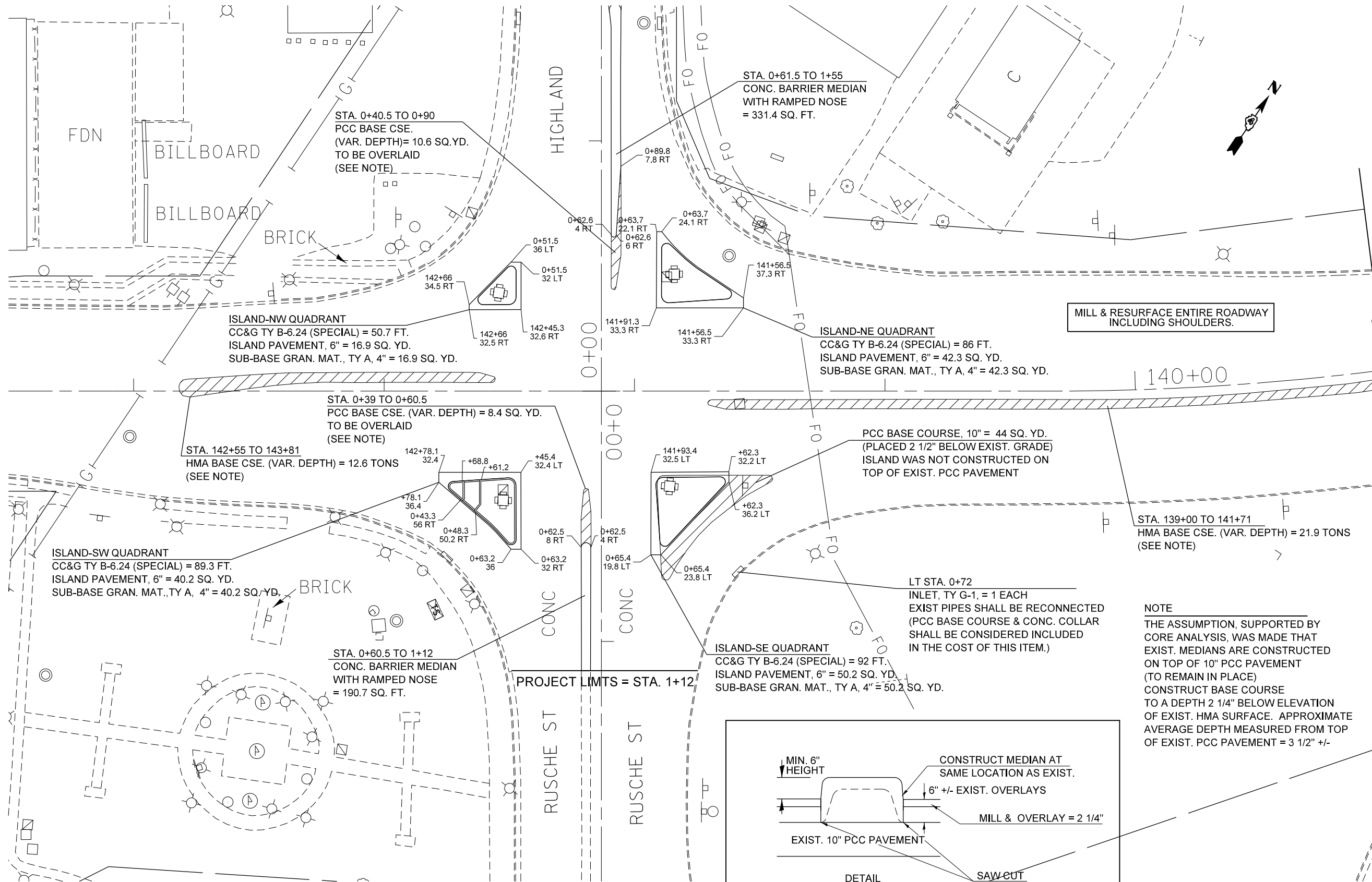
PROPOSED PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	38
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

PROJECT LIMITS = STA. 1+55

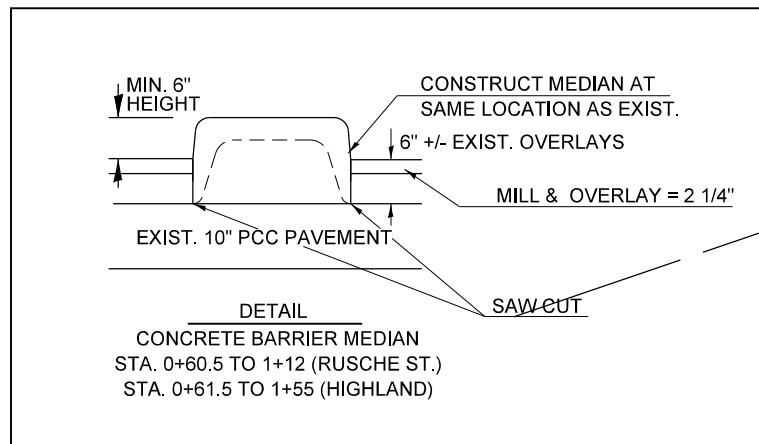
PROJECT ENDS STA. 145+00

MATCHLINE STA. 139+00



MILL & RESURFACE ENTIRE ROADWAY INCLUDING SHOULDERS.

**NOTE**  
SOLID CONCRETE BARRIER MEDIAN SHALL BE CONSTRUCTED IN ACCORDANCE TO CADD STD. 606301, INCLUDING THE FABRIC, AND HIGHWAY STD. 606301



**NOTE**  
THE ASSUMPTION, SUPPORTED BY CORE ANALYSIS, WAS MADE THAT EXIST. MEDIANS ARE CONSTRUCTED ON TOP OF 10" PCC PAVEMENT (TO REMAIN IN PLACE)  
CONSTRUCT BASE COURSE TO A DEPTH 2 1/4" BELOW ELEVATION OF EXIST. HMA SURFACE. APPROXIMATE AVERAGE DEPTH MEASURED FROM TOP OF EXIST. PCC PAVEMENT = 3 1/2" +/-



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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

PROPOSED PLAN

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	39
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

PAVEMENT MARKING LEGEND

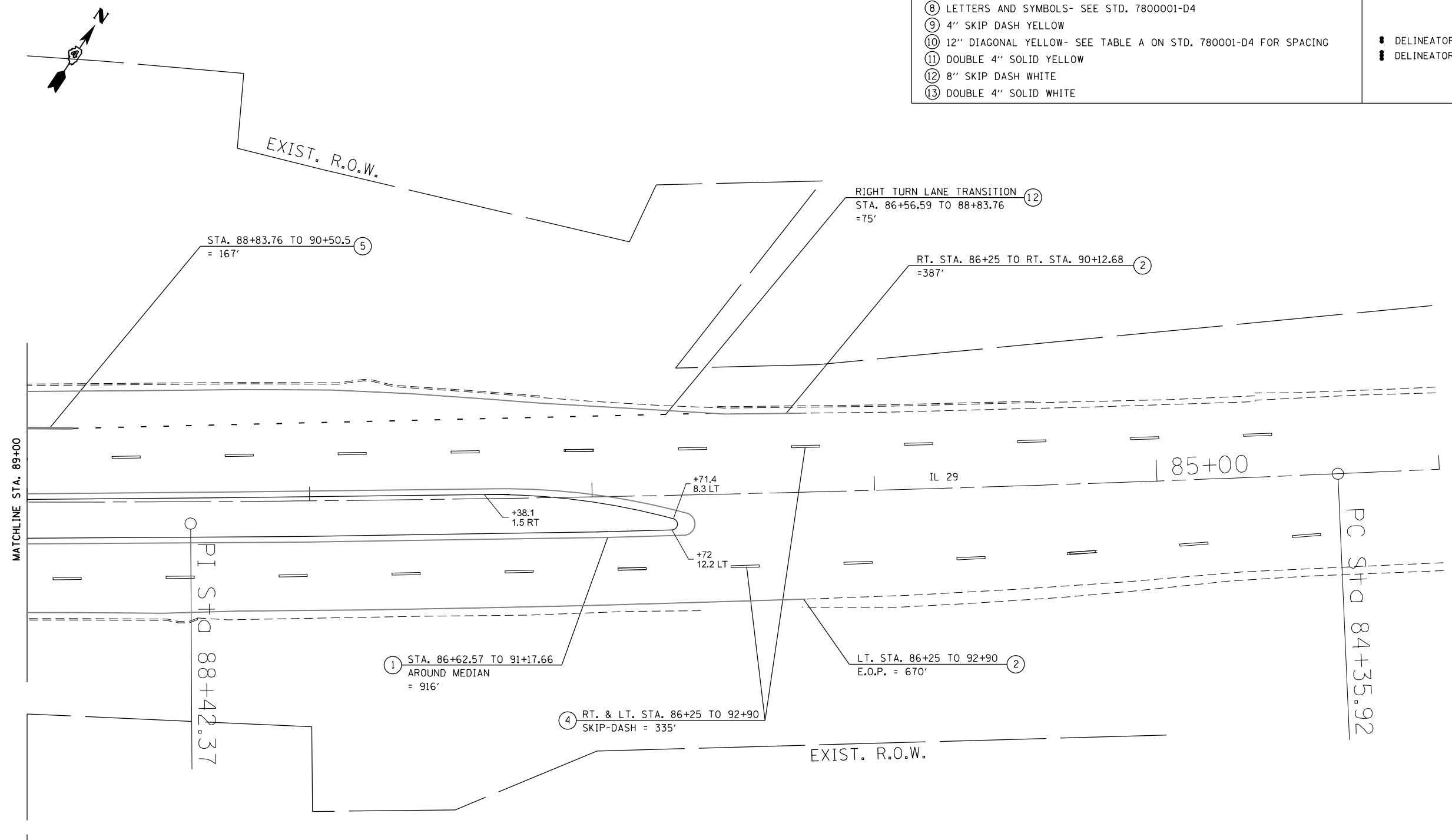
- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 780001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)

- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ◆ TWO-WAY AMBER MARKER AT 40' CENTERS

DELINEATORS

- ▬ DELINEATOR WITH TWO AMBER REFLECTORS
- ▬ DELINEATOR WITH THREE AMBER REFLECTORS



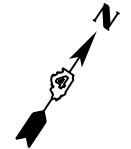
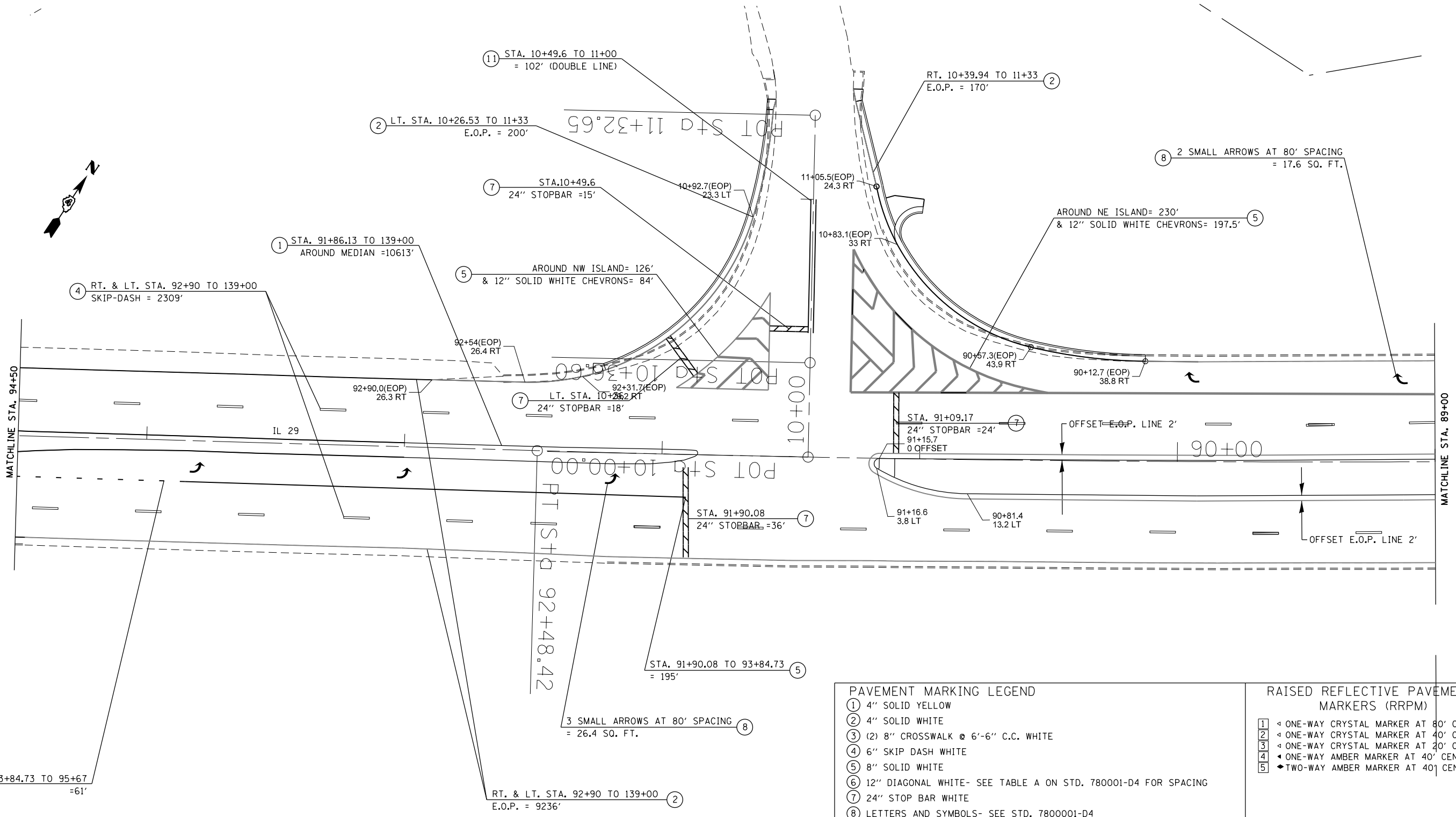
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	IIRS-11	TAZEWELL	74	40
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				





PAVEMENT MARKING LEGEND	
1	4" SOLID YELLOW
2	4" SOLID WHITE
3	(2) 8" CROSSWALK @ 6'-6" C.C. WHITE
4	6" SKIP DASH WHITE
5	8" SOLID WHITE
6	12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
7	24" STOP BAR WHITE
8	LETTERS AND SYMBOLS- SEE STD. 7800001-D4
9	4" SKIP DASH YELLOW
10	12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
11	DOUBLE 4" SOLID YELLOW
12	8" SKIP DASH WHITE
13	DOUBLE 4" SOLID WHITE

RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)	
1	◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
2	◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
3	◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
4	◀ ONE-WAY AMBER MARKER AT 40' CENTERS
5	◆ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS

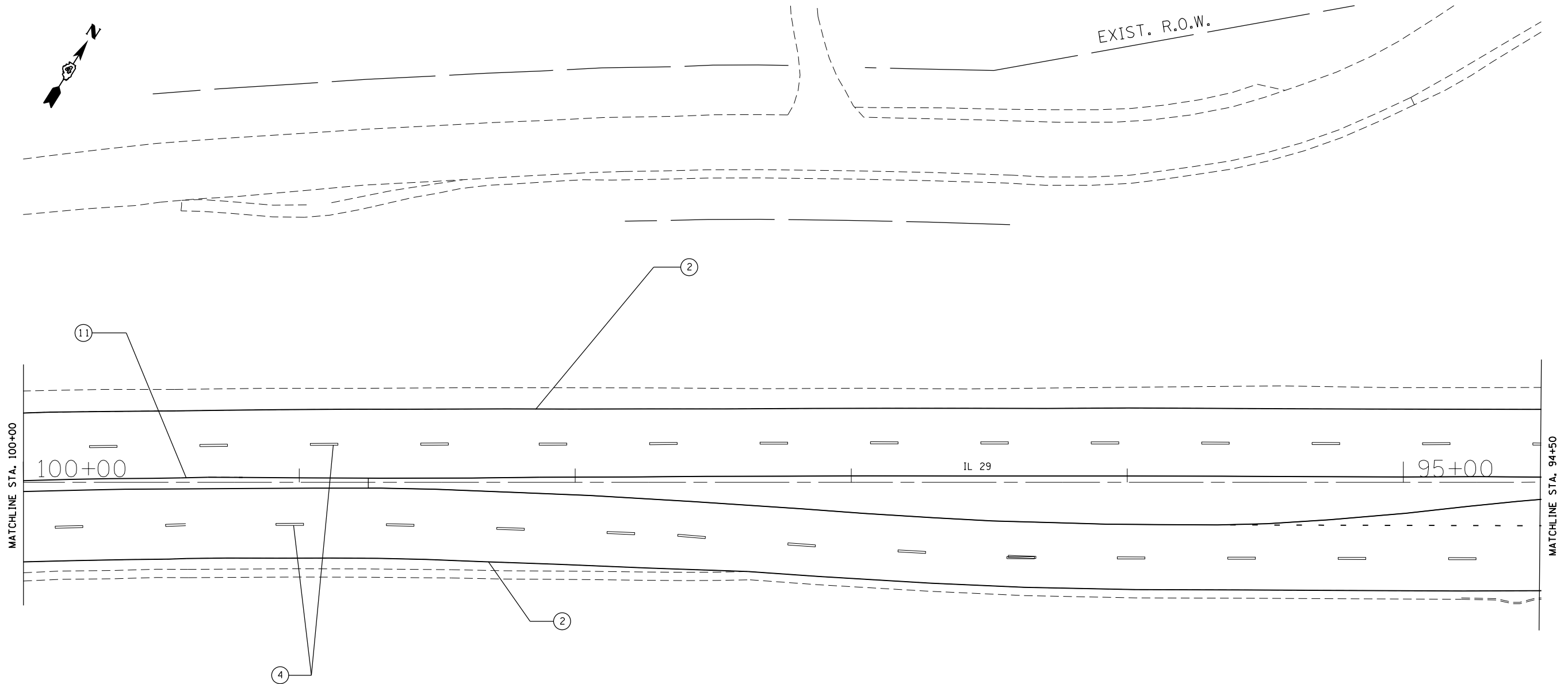
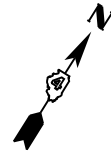
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	IIRS-11	TAZEWELL	74	41
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ▶ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS

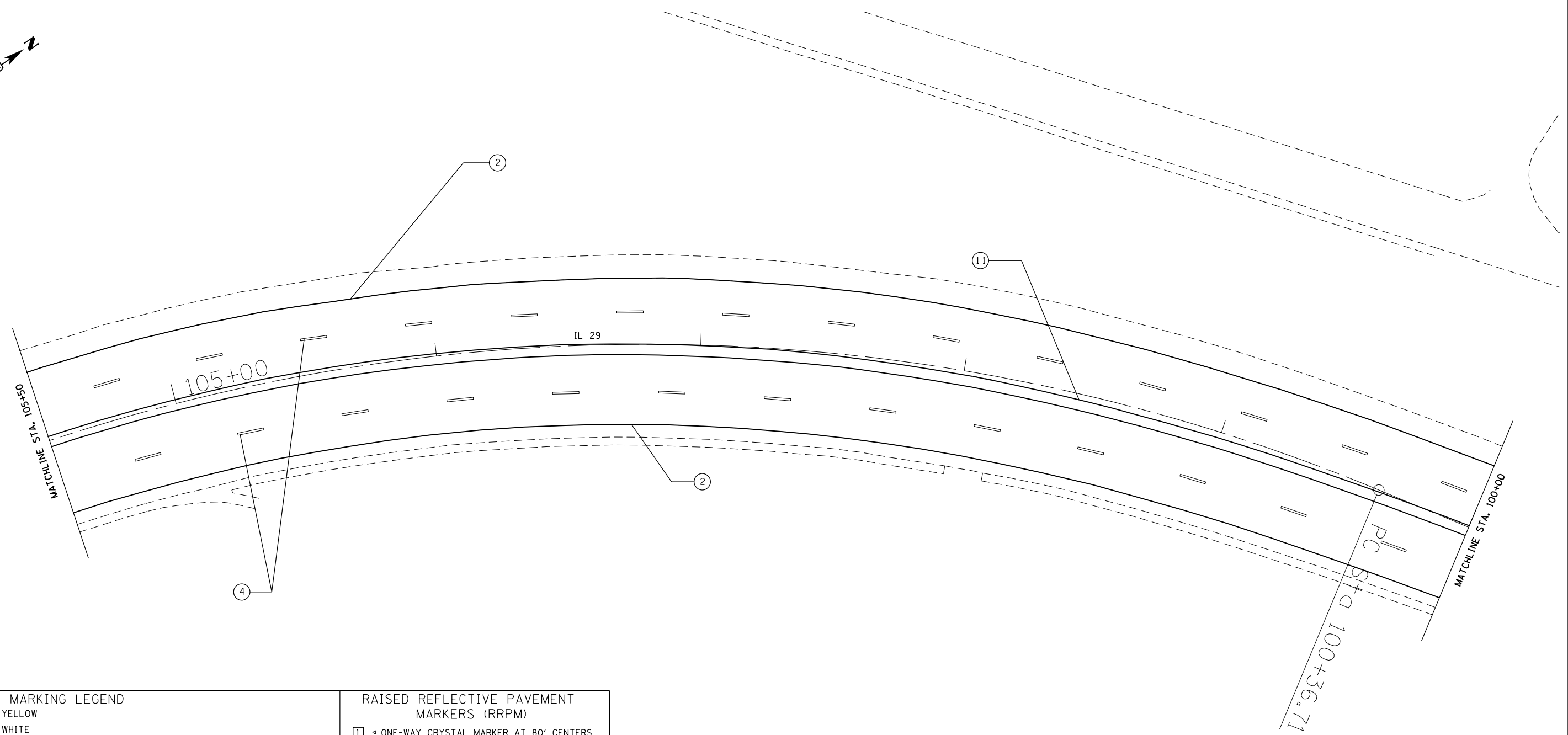
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	IIRS-11	TAZEWELL	74	42
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ◁ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◁ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◁ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◁ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ◆ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS

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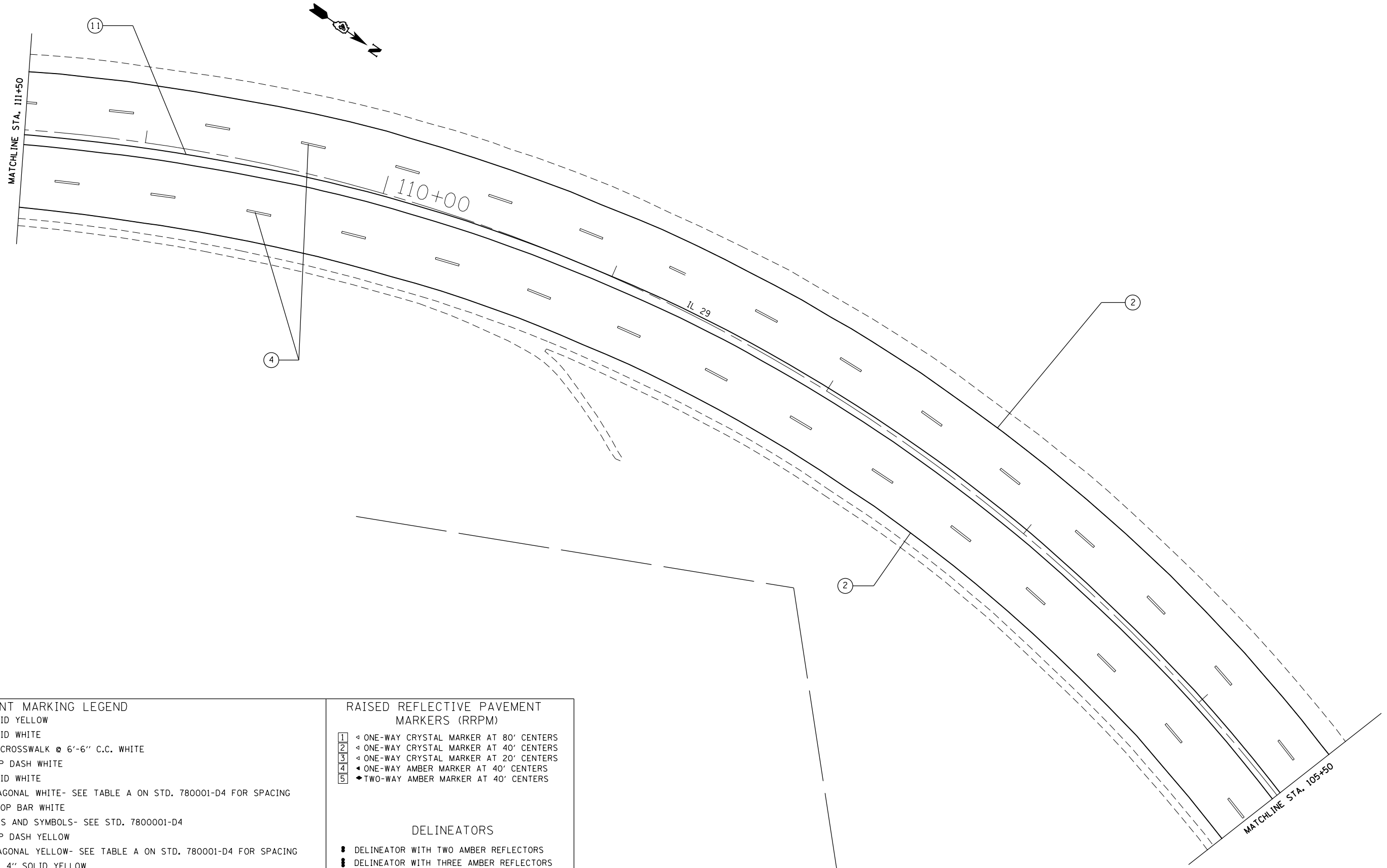
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	43
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◆ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ◆ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS

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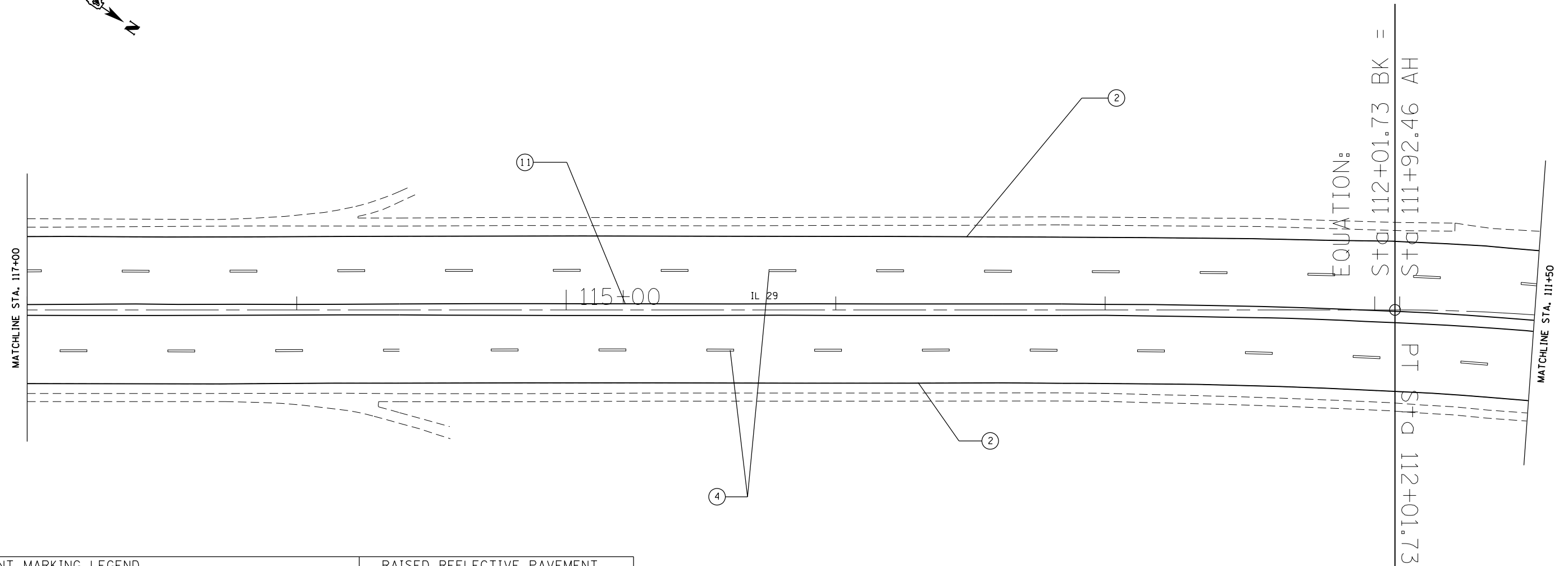
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	44
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ◁ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◁ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◁ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◁ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ◄ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- ▬ DELINEATOR WITH THREE AMBER REFLECTORS

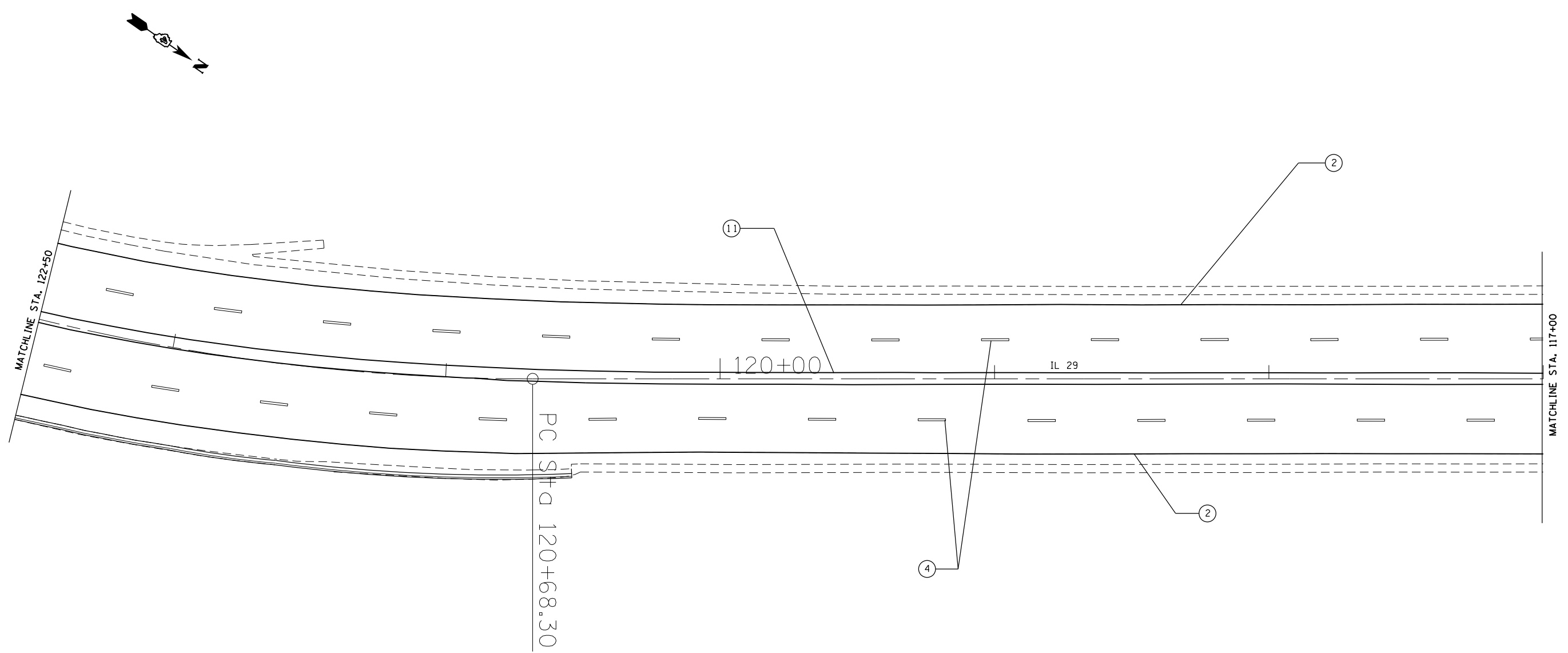
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE:      SHEET    OF    SHEETS    STA.            TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	45
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 780001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ◁ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◁ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◁ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◁ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ◆ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS

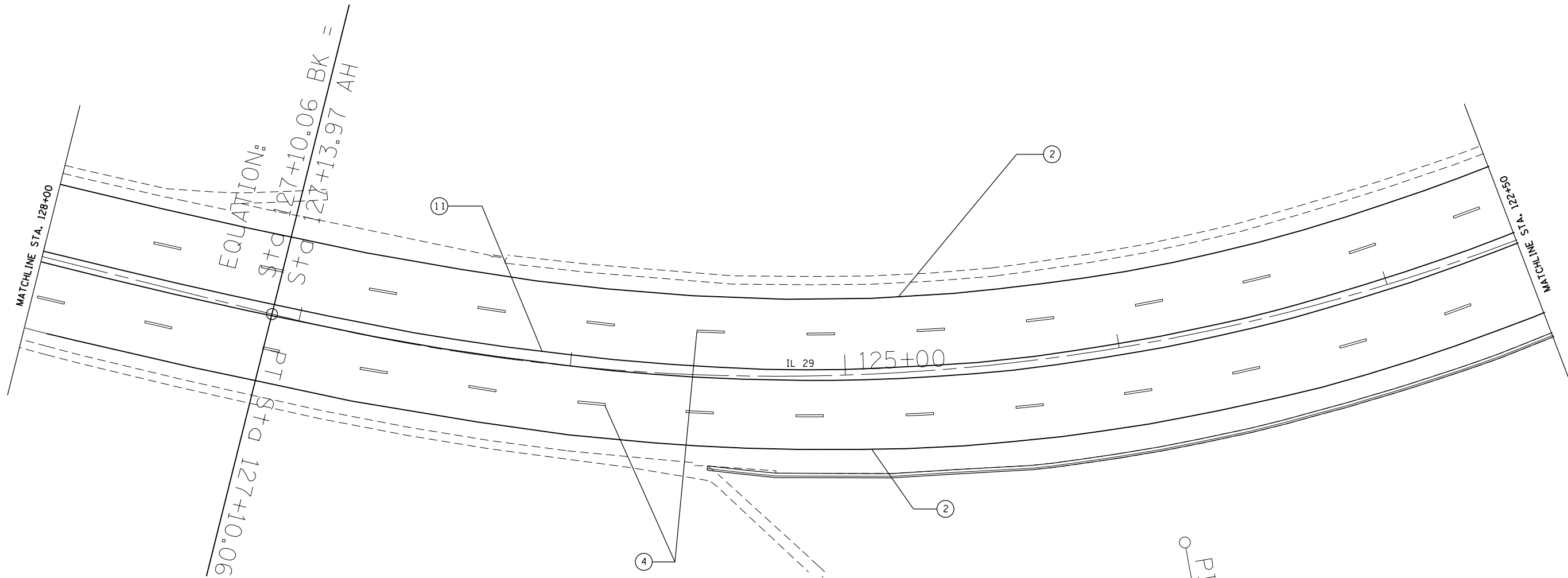
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	46
CONTRACT NO. 68C59			ILLINOIS FED. AID PROJECT	



**PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ▶ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS

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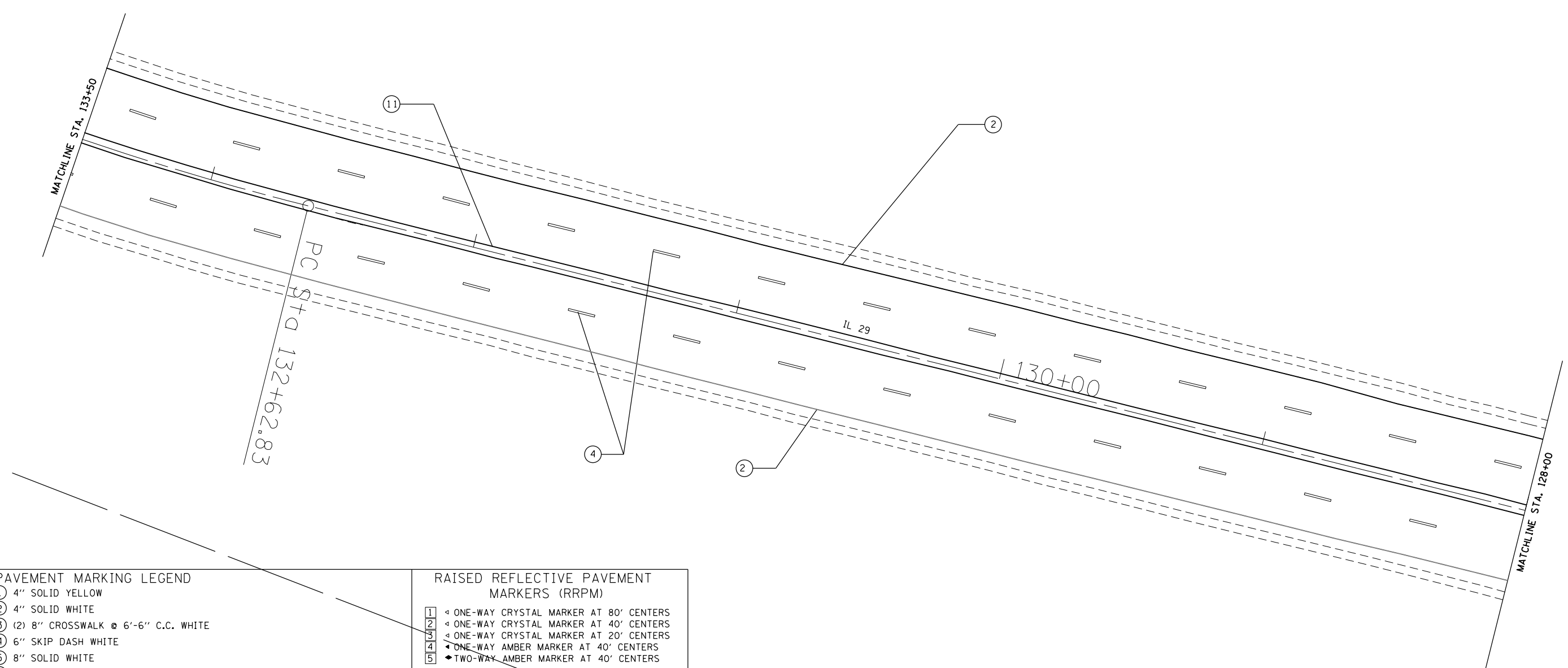
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	47
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)
① 4" SOLID YELLOW	① ◁ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
② 4" SOLID WHITE	② ◁ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE	③ ◁ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
④ 6" SKIP DASH WHITE	④ ◁ ONE-WAY AMBER MARKER AT 40' CENTERS
⑤ 8" SOLID WHITE	⑤ ◆ TWO-WAY AMBER MARKER AT 40' CENTERS
⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING	
⑦ 24" STOP BAR WHITE	
⑧ LETTERS AND SYMBOLS- SEE STD. 780001-D4	
⑨ 4" SKIP DASH YELLOW	
⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING	
⑪ DOUBLE 4" SOLID YELLOW	
⑫ 8" SKIP DASH WHITE	
⑬ DOUBLE 4" SOLID WHITE	

DELINEATORS

DELINEATOR WITH TWO AMBER REFLECTORS  
 DELINEATOR WITH THREE AMBER REFLECTORS

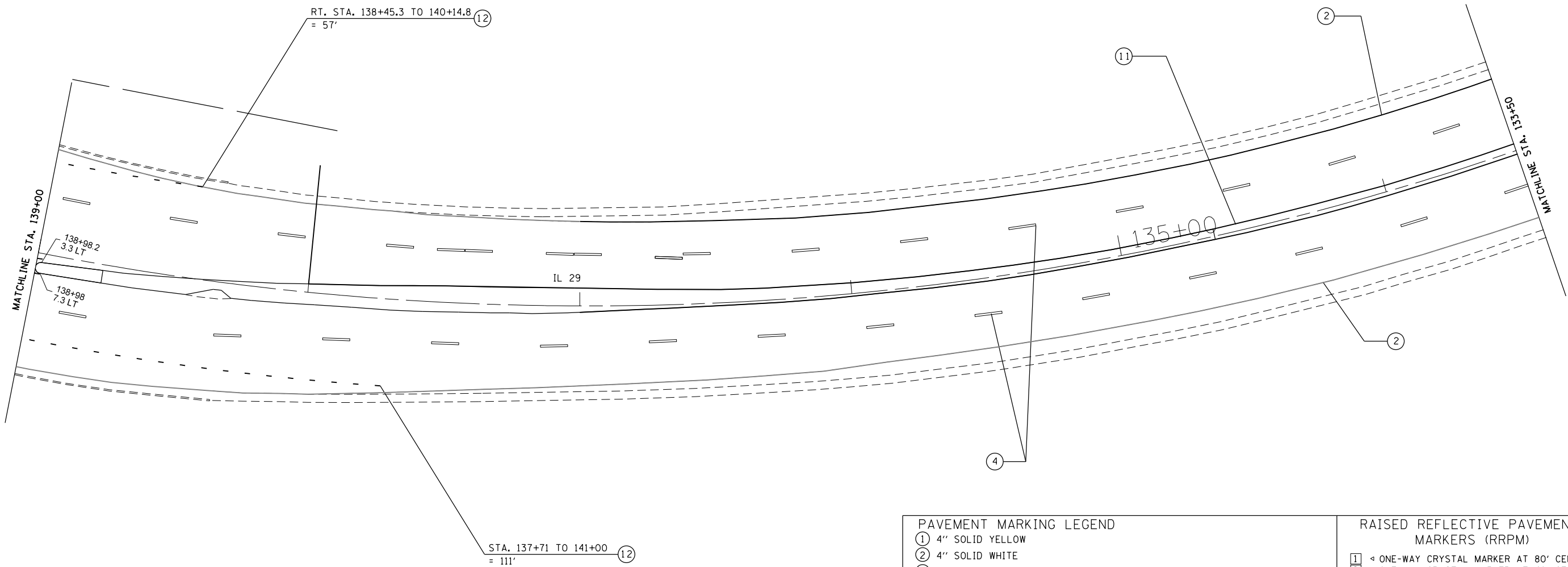
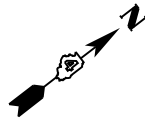
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVEMENT MARKING			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	74	48
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				





**PAVEMENT MARKING LEGEND**

- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ◀ ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ◀ ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ◀ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ◀ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ ▶ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS

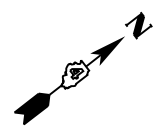
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	PLOT DATE = 5/15/2015	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE:      SHEET    OF    SHEETS    STA.            TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	IIRS-11	TAZEWELL	74	49
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

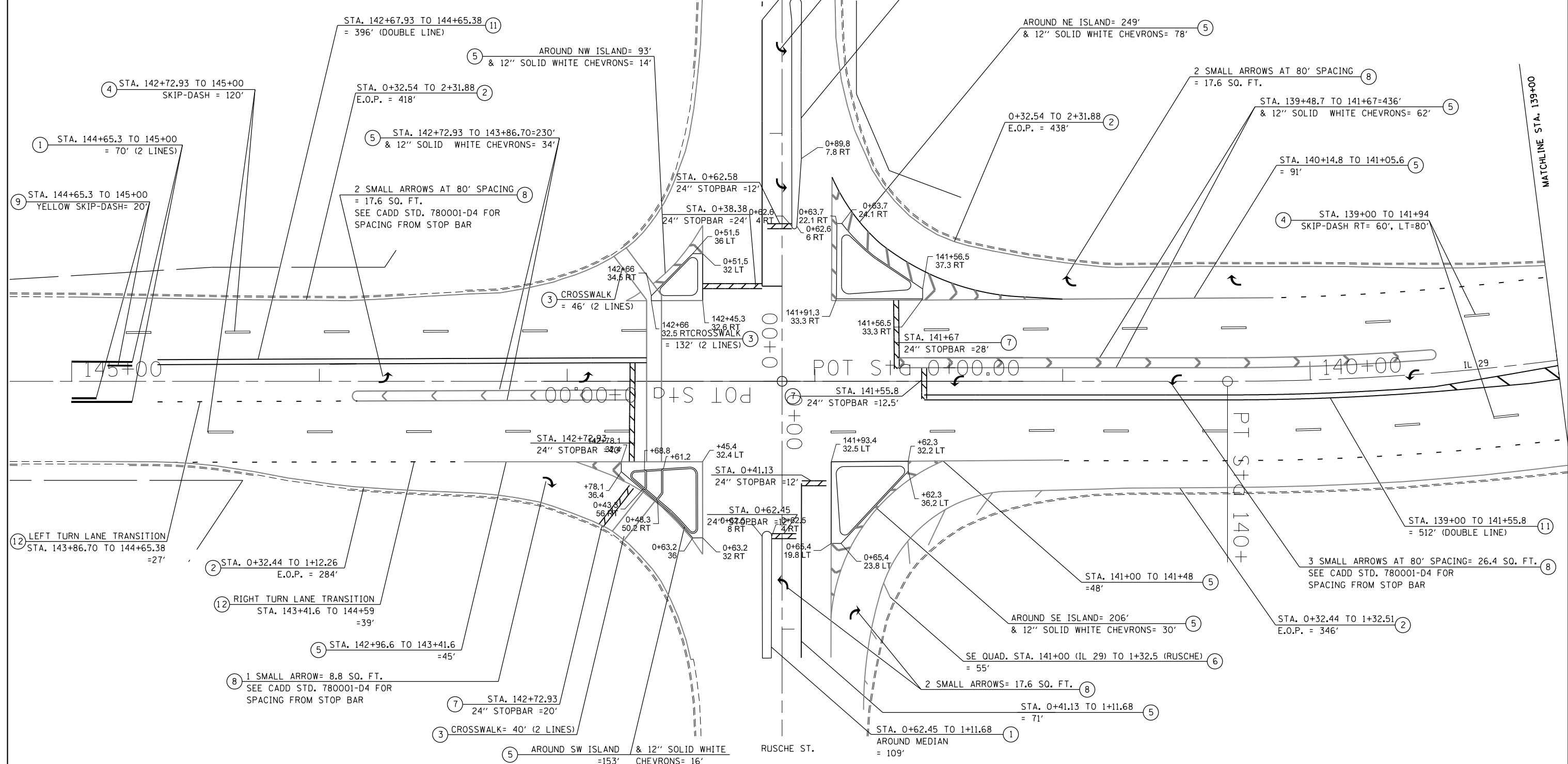
- ① 4" SOLID YELLOW
- ② 4" SOLID WHITE
- ③ (2) 8" CROSSWALK @ 6'-6" C.C. WHITE
- ④ 6" SKIP DASH WHITE
- ⑤ 8" SOLID WHITE
- ⑥ 12" DIAGONAL WHITE- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑦ 24" STOP BAR WHITE
- ⑧ LETTERS AND SYMBOLS- SEE STD. 7800001-D4
- ⑨ 4" SKIP DASH YELLOW
- ⑩ 12" DIAGONAL YELLOW- SEE TABLE A ON STD. 780001-D4 FOR SPACING
- ⑪ DOUBLE 4" SOLID YELLOW
- ⑫ 8" SKIP DASH WHITE
- ⑬ DOUBLE 4" SOLID WHITE

**RAISED REFLECTIVE PAVEMENT MARKERS (RRPM)**

- ① ONE-WAY CRYSTAL MARKER AT 80' CENTERS
- ② ONE-WAY CRYSTAL MARKER AT 40' CENTERS
- ③ ONE-WAY CRYSTAL MARKER AT 20' CENTERS
- ④ ONE-WAY AMBER MARKER AT 40' CENTERS
- ⑤ TWO-WAY AMBER MARKER AT 40' CENTERS

**DELINEATORS**

- DELINEATOR WITH TWO AMBER REFLECTORS
- DELINEATOR WITH THREE AMBER REFLECTORS



FILE NAME =	USER NAME = keathbr	DESIGNED -	REVISED -
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Default		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PAVEMENT MARKING**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	I1RS-11	TAZEWELL	74	50
CONTRACT NO. 68C59				
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. PROPOSED HANDHOLES SHALL BE CAST IN PLACE CONCRETE HANDHOLES.
12. 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.
13. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
14. COILABLE POLYETHYLENE DUCT MAY BE SUBSTITUTED FOR PVC PUSHED OR TRENCHED.
15. 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.
16. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATION.
17. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
18. THE EXISTING TRAFFIC SIGNALS SHALL REMAIN IN OPERATION DURING CONSTRUCTION OF THE PROPOSED TRAFFIC SIGNALS.
19. ANY MAINTENANCE OF EXISTING TRAFFIC SIGNALS SHALL BE CONSIDERED EXTRA WORK IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
20. 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.
21. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING DEPARTMENT LIGHTING, TRAFFIC SIGNAL, AND ITS FACILITIES. THIS WORK SHALL BE INCLUDED IN THE CONTRACT BID PRICE.
23. THE PROPOSED CONDUIT SHALL BE COUPLED TO THE EXISTING CONDUIT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PROPOSED CONDUIT PAY ITEMS.

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.

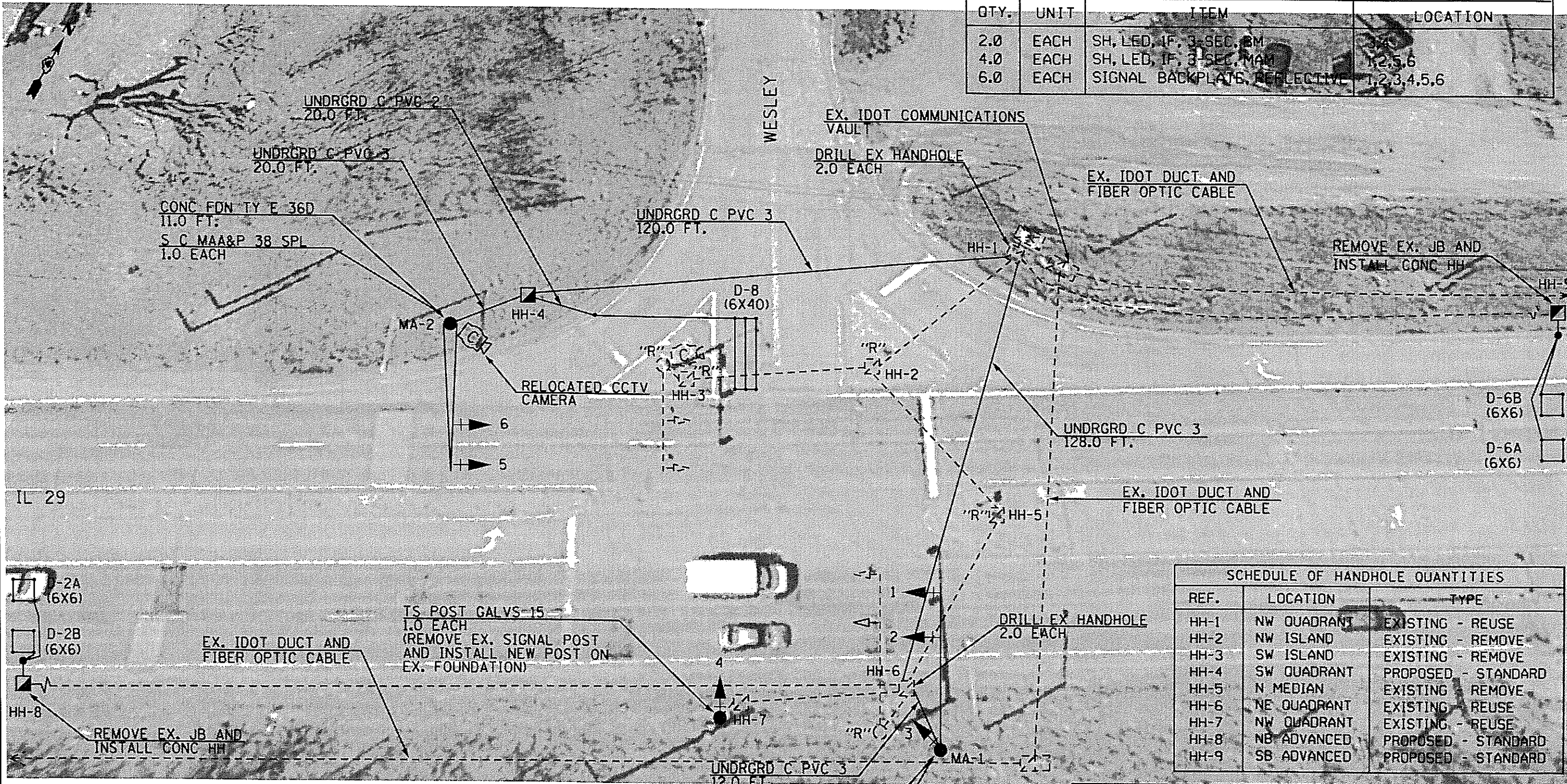
SCHEDULE OF QUANTITIES				
ITEM DESCRIPTION	UNIT	TOTAL QTY.	IL 29 & WESLEY	IL 29 & HIGHLAND/RUSCHE
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	20	20	
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	280	280	
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3	3	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	846.5	846.5	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 3 PAIR	FOOT	680	680	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	369	369	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1	1	
CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER	FOOT	22	22	
DRILL EXISTING HANDHOLE	EACH	4	4	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4	4	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	2	
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	6	6	
DETECTOR LOOP, TYPE I	FOOT	1544	302	1242
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1	
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1		1
REMOVE EXISTING HANDHOLE	EACH	3	3	
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2	2	
ADJUST EXISTING DETECTOR LOOP RISER	EACH	15	5	10
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	EACH	1	1	
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT. (SPECIAL)	EACH	1	1	

NOT TO SCALE  
TRAFFIC SIGNALS  
SHEET 1 OF 4

FILE NAME =	USER NAME = noltera	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL CONSTRUCTION NOTES SCHEDULE OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pw_work\pvidot\noltera\0441879\68C59	- IL 29 & Wesley Road Traffic Signal Plans	DRAWN B-B-151.dgn	REVISED -			669	11RS-11	TAZEWELL	34	51	
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 68C59					
	PLOT DATE = 5/15/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



MAST ARMS FOR IL 29 SHALL BE LOCATED A MINIMUM OF 18 FT. FROM THE EDGE OF TRAVELLED WAY.



SCHEDULE OF TRAFFIC SIGNAL HEADS			
QTY.	UNIT	ITEM	LOCATION
2.0	EACH	SH, LED, 1F, 3-SEC, BM	1,2,5,6
4.0	EACH	SH, LED, 1F, 3-SEC, MAM	1,2,3,4,5,6
6.0	EACH	SIGNAL BACKPLATE, REFLECTIVE	1,2,3,4,5,6

SCHEDULE OF HANDHOLE QUANTITIES		
REF.	LOCATION	TYPE
HH-1	NW QUADRANT	EXISTING - REUSE
HH-2	NW ISLAND	EXISTING - REMOVE
HH-3	SW ISLAND	EXISTING - REMOVE
HH-4	SW QUADRANT	PROPOSED - STANDARD
HH-5	N MEDIAN	EXISTING - REMOVE
HH-6	NE QUADRANT	EXISTING - REUSE
HH-7	NW QUADRANT	EXISTING - REUSE
HH-8	NB ADVANCED	PROPOSED - STANDARD
HH-9	SB ADVANCED	PROPOSED - STANDARD

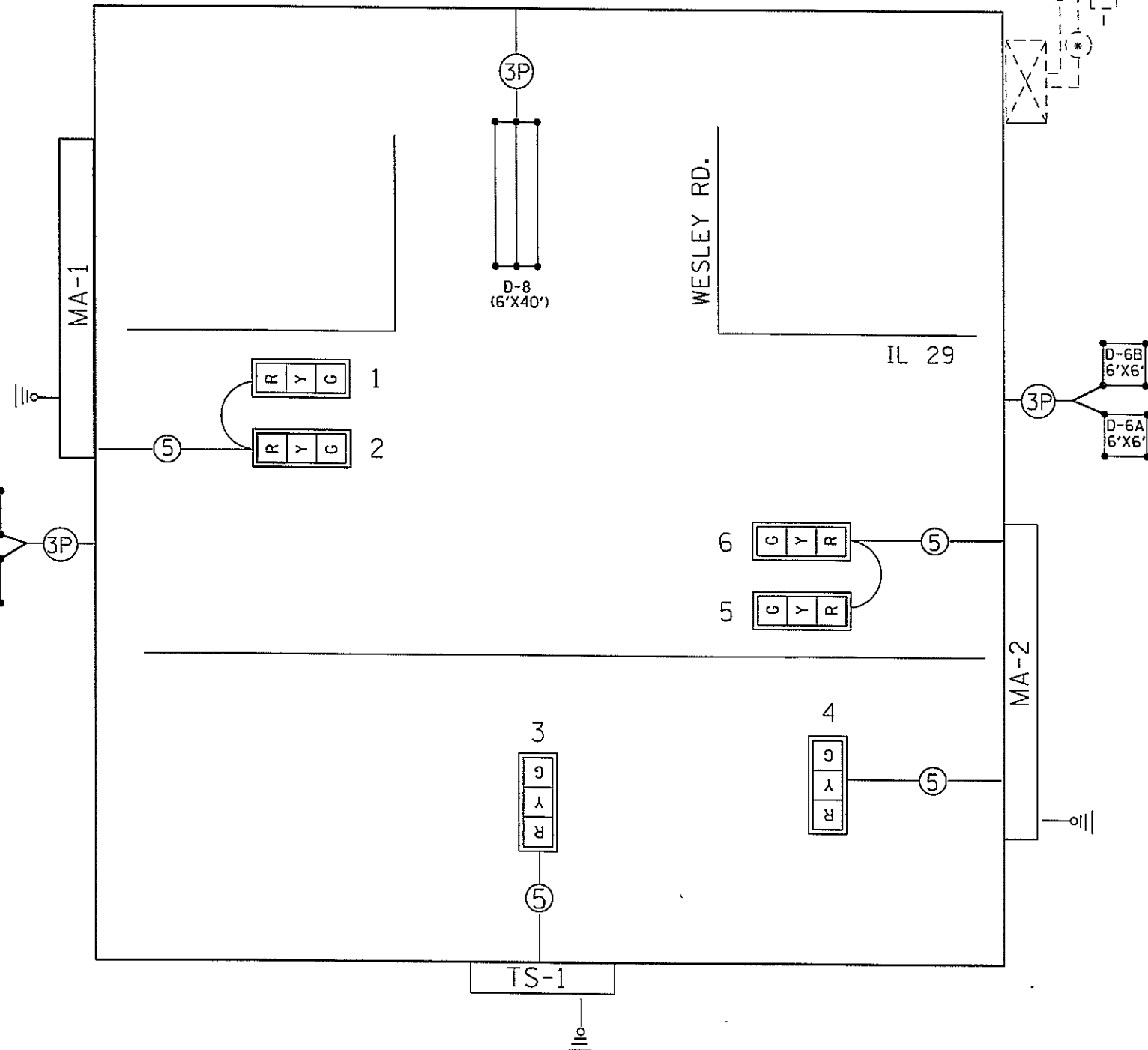
SCHEDULE OF SIGNAL POSTS AND MAST ARM ASSEMBLIES			
REF.	LOCATION	TYPE	LENGTH
MA-1	SW QUADRANT	S C MAA & P (SPL)	38 FT.
MA-2	NE QUADRANT	S MAA & P (SPL)	38 FT.
TS-1	NW QUADRANT	TS POST GALV	15 FT.

TRAFFIC SIGNAL LEGEND	
"R" ---	EX. STL MAST ARM TO BE REMOVED
"R" [ ]	EX. HANDHOLE TO BE REMOVED
[ ]	EX. HANDHOLE
---	EX. CONDUIT
[ ]	EX. CONTROLLER CABINET (SIGNAL)
+	EX. ELECTRICAL SERVICE
+	EX. TRAFFIC SIGNAL HEAD
+	EX. TRAFFIC SIGNAL HEAD W/ BACKPLATE
+	EX. STL MAST ARM ASSEMBLY AND POLE
[ ]	PROP. HANDHOLE
---	PROP. CONDUIT
[ ]	PROP. DETECTOR LOOP (QUAD)
[ ]	PROP. DETECTOR LOOP (6' x 6')
+	PROP. TRAFFIC SIGNAL HEAD
+	PROP. TRAFFIC SIGNAL HEAD W/ BACKPLATE
•	PROP. TRAFFIC SIGNAL POST
"G"	PROP. GROUND/SAFETY BOND OF EX STRUCTURE
+	PROP. STL COMB MAST ARM ASSEMBLY AND POLE (SPL)
+	PROP. STL MAST ARM ASSEMBLY AND POLE (SPL)

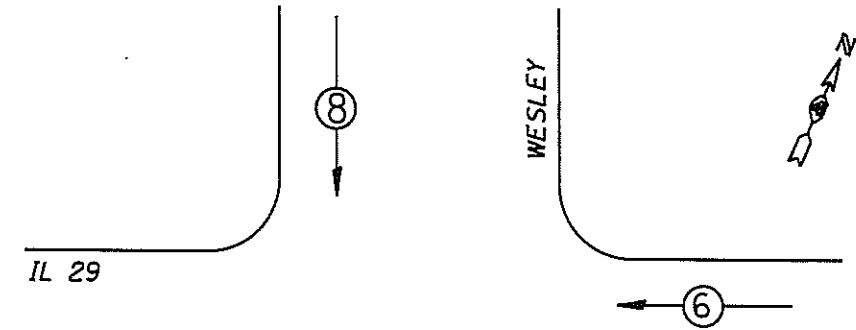
EXISTING LIGHTING IS NOT SHOWN ON THE PLANS

NOT TO SCALE  
TRAFFIC SIGNALS  
SHEET 2 OF 4

ALL TRAFFIC SIGNAL MAST ARMS, CONTROLLER CABINETS, HANDHOLES (LIDS AND FRAMES), AND EXPOSED METALLIC CONDUITS SHALL BE GROUNDED AND SAFETY BONDED IN ACCORDANCE WITH NEC REQUIREMENTS.



EXISTING AND PROPOSED PHASE DIAGRAM  
 NAME OF INTERSECTION IL 29 & WESLEY ROAD - EAST PEORIA  
 EXISTING CONTROLLER: ECONOLITE ASC/3-2100 (TS-2 TY 2)  
 IN TYPE IV TS-2 CABINET (16 POS.)



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

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE  
 IL 29 & WESLEY RD - EAST PEORIA

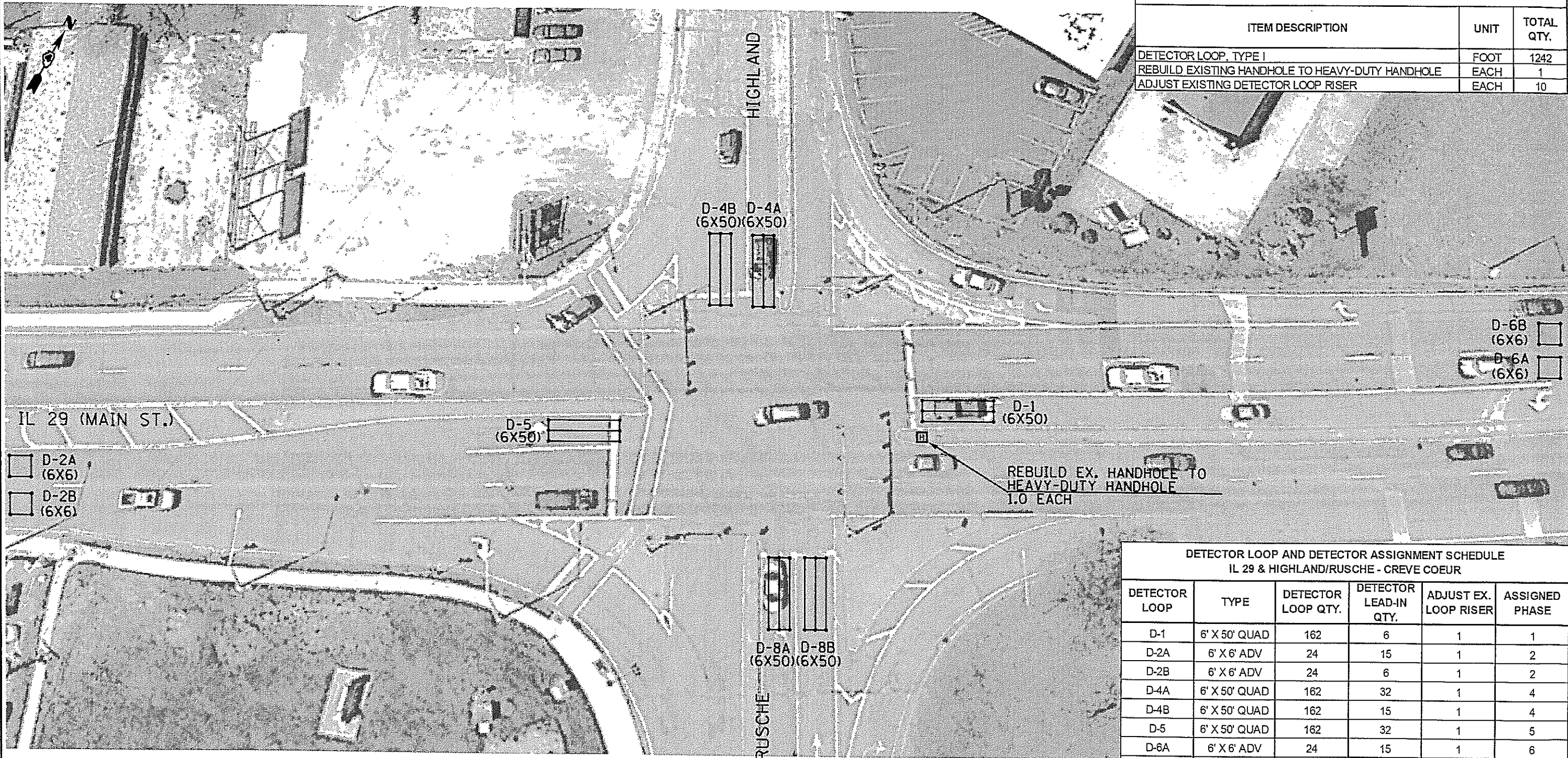
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ADJUST EX. LOOP RISER	ASSIGNED PHASE
D-2A	6' X 6' ADV	24	15	1	2
D-2B	6' X 6' ADV	24	6	1	2
D-6A	6' X 6' ADV	24	15	1	6
D-6B	6' X 6' ADV	24	6	1	6
D-8	6' X 40' QUAD	132	32	1	8
<b>TOTAL:</b>		<b>228</b>	<b>74</b>	<b>5</b>	

TRAFFIC SIGNALS LEGEND

- R Y G PROP. 3 SEC. SIGNAL HEAD W/BACKPLATE
- Ⓢ 5/C NO. 14 SIGNAL CABLE
- G Y R PROP. DETECTOR LOOP (QUAD)
- X EX. CONTROLLER (SIGNAL)
- F EX. FIBER INTERCONNECT
- ||— PROP. GROUND/SAFETY BOND
- Ⓢ #18 3-PR DETECTOR LOOP CABLE
- G Y R PROP. DETECTOR LOOP (6'X6')
- EX. SERVICE INSTALLATION
- \* EX. SERVICE CABLE (1/C #6)

NOT TO SCALE  
 TRAFFIC SIGNALS  
 SHEET 3 OF 4





BILL OF MATERIALS		
ITEM DESCRIPTION	UNIT	TOTAL QTY.
DETECTOR LOOP, TYPE I	FOOT	1242
REBUILD EXISTING HANDHOLE TO HEAVY-DUTY HANDHOLE	EACH	1
ADJUST EXISTING DETECTOR LOOP RISER	EACH	10

- D-2A (6X6)
- D-2B (6X6)

- D-6B (6X6)
- D-6A (6X6)

REBUILD EX. HANDHOLE TO HEAVY-DUTY HANDHOLE 1.0 EACH

DETECTOR LOOP AND DETECTOR ASSIGNMENT SCHEDULE IL 29 & HIGHLAND/RUSCHE - CREVE COEUR					
DETECTOR LOOP	TYPE	DETECTOR LOOP QTY.	DETECTOR LEAD-IN QTY.	ADJUST EX. LOOP RISER	ASSIGNED PHASE
D-1	6' X 50' QUAD	162	6	1	1
D-2A	6' X 6' ADV	24	15	1	2
D-2B	6' X 6' ADV	24	6	1	2
D-4A	6' X 50' QUAD	162	32	1	4
D-4B	6' X 50' QUAD	162	15	1	4
D-5	6' X 50' QUAD	162	32	1	5
D-6A	6' X 6' ADV	24	15	1	6
D-6B	6' X 6' ADV	24	6	1	6
D-8A	6' X 50' QUAD	162	32	1	8
D-8B	6' X 50' QUAD	162	15	1	8
<b>TOTAL:</b>		<b>1068</b>	<b>174</b>	<b>10</b>	

- TRAFFIC SIGNAL LEGEND**
- PROP. HEAVY-DUTY HANDHOLE
  - PROP. DETECTOR LOOP (QUAD)
  - PROP. DETECTOR LOOP (6' X 6')

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	PLLOT DATE = 5/15/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TRAFFIC SIGNALS  
IL 29 & HIGHLAND/RUSCHE - CREVE COEUR

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
669	11RS-11	TAZEWELL	24	54
CONTRACT NO. 68C59				
ILLINOIS FED. AID PROJECT				

NOT TO SCALE  
TRAFFIC SIGNALS  
SHEET 4 OF 4

**SIGNALIZED CAPACITY DESIGN ANALYSIS**

PROGRAM USED: \_\_\_\_\_ VERSION: \_\_\_\_\_ SIGNAL TYPE: \_\_\_\_\_ AREA TYPE: \_\_\_\_\_  
 NUMBER OF PHASES: (A.M.) \_\_\_\_\_ (P.M.) \_\_\_\_\_ CYCLE LENGTH: (A.M.) \_\_\_\_\_ SEC. (P.M.) \_\_\_\_\_ SEC. PEAK HOUR FACTOR: \_\_\_\_\_  
 INTERSECTION DELAY/LEVEL-OF-SERVICE A.M. SECONDS LOS \_\_\_\_\_ P.M. SECONDS LOS \_\_\_\_\_

APPROACH	A.M.		P.M.		A.M.		P.M.		A.M.		P.M.	
LANE GROUP												
NUMBER OF LANES												
20 <sup>TH</sup> 30 <sup>TH</sup> MAX. HOUR TRAFFIC (veh/h)												
BASE SATURATION FLOW RATE (veh/h)												
LANE WIDTH (FT)												
VOLUME OF RIGHT TURN ON RED (veh/h)												
PEDESTRIANS/HOUR (ped/h)												
ARRIVAL TYPE												
LANE UTILIZATION ADJ. FACTOR												
GREEN TIME (SECONDS)												
GREEN RATIO (g/C)												
CAPACITY (c)												
v/c RATIO (X)												
STORAGE QUEUE (FEET OR VEHICLES)												
LANE GROUP DELAY (SECONDS)												
LANE GROUP LEVEL-OF-SERVICE												
APPROACH DELAY (SECONDS/VEHICLE)												
APPROACH LEVEL-OF-SERVICE												

**ELEMENTS CONTROLLING DESIGN**

PREFERRED ROUTE:  
 F.A.P. ROUTE NUMBER: 669, MARKED ROUTE NUMBER: US24 / IL29.  
 STREET NAME: MAIN STREET, SRA ROUTE? Y/N NO.  
 FUNCTIONAL CLASSIFICATION: OTHER PRINCIPAL ARTERIAL, OSOW DESIGN? Y/N NO.  
 EXISTING ADT: 11,900(2013) VPD, DESIGN YEAR ADT: 13,280(2035) VPD,  
 PROPOSED DESIGN SPEED: 45 MPH, PROPOSED POSTED SPEED: 45 MPH.

SECONDARY ROUTE:  
 F.A.U. ROUTE NUMBER: 6715, MARKED ROUTE NUMBER: N/A.  
 STREET NAME: BUSCH ST / HIGHLAND AVE, SRA ROUTE? Y/N NO.  
 FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR, OSOW DESIGN? Y/N NO.  
 EXISTING ADT: 5,300(2014) VPD, DESIGN YEAR ADT: 5,890(2035) VPD,  
 PROPOSED DESIGN SPEED: 35 MPH, PROPOSED POSTED SPEED: 35 MPH.

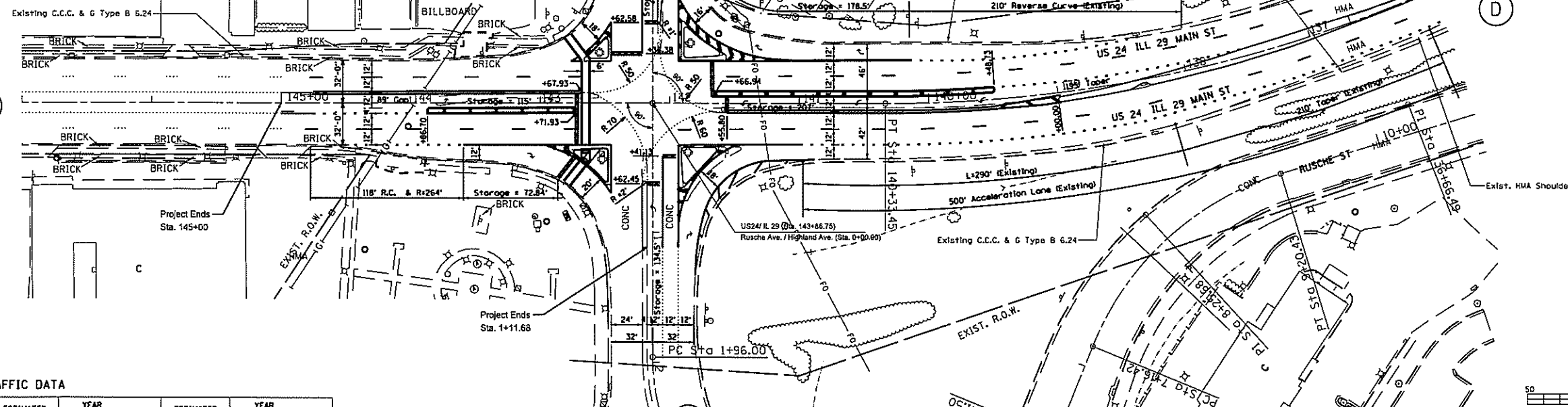
IMPROVEMENT TYPE: 3P, ANTICIPATED YEAR OF CONSTRUCTION: 2015.  
 EXISTING METHOD OF TRAFFIC CONTROL: SIGNALS, PROPOSED METHOD: SIGNALS REMAIN.  
 SIGNAL WARRANT: N/A.  
 DESIGN VEHICLE: WB-50 (APPROACH "A"), WB-55 (ALL THE OTHER APPROACHES).  
 DESIGN YEAR: 2035 WHICH IS A 20 YEAR DESIGN.  
 TRUCK ROUTE DESIGNATION: PREFERRED ROADWAY: CLASS II TRUCK ROUTE.  
 SECONDARY ROADWAY: N/A.  
 DESIGN CRITERIA CHAPTER 36 BDE MANUAL.

**GENERAL NOTES**

ARE PROFILES PROVIDED? YES/NO. IF NOT, STATE REASON WHY. EXISTING GRADES REMAIN TYPE B 6.24 CURB AND GUTTER ON THE OUTSIDE OF THE ROADWAY/SHOULDERS. TYPE B CURB ON THE APPROACH MEDIAN. TYPE B 6.06, 6.24 CURB AND GUTTER ON THE CORNER ISLANDS. ALL DIMENSIONS ARE (E-E OR F-F) EDGE TO EDGE, UNLESS OTHERWISE NOTED. THE RIGHT-OF-WAY LIMITS ARE PRELIMINARY. DESIGN VEHICLE TURNING MOVEMENTS ARE ACCOMMODATE PER AUTOTURN SOFTWARE, VERSION 9.0. THE SCOPE OF WORK: MILLING AND RESURFACING, MEDIAN & ISLANDS RECONSTRUCTION, AND INTERSECTION IMPROVEMENTS.

- INTERSECTION DESIGN EXCEPTIONS:
- DESIGN VEHICLE AND ENCROACHMENT: POLICY VEHICLE IS WB-65, INTERSECTION ONLY ACCOMMODATED A WB-55 WITHOUT ENCROACHMENT ON APPROACHES B,C AND D.
  - DESIGN VEHICLE AND ENCROACHMENT: POLICY VEHICLE IS WB-65, INTERSECTION ONLY ACCOMMODATED A WB-50 WITHOUT ENCROACHMENT ON APPROACH "A".
  - WESTBOUND LEFT TURN LANE STOP BAR GREATER THAN 30 FEET.

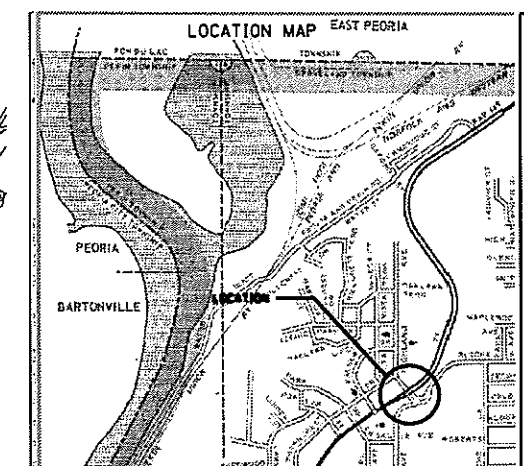
ADDITIONAL NOTES: INTERSECTION IS A HIGH CRASH LOCATION.



**TRAFFIC DATA**

MOVEMENT	YEAR 30TH MAXIMUM HOUR TRAFFIC		PERCENT TRUCK TRAFFIC IN 30TH MAX. HOUR		ESTIMATED PERCENT INCREASE BY	YEAR 30TH MAXIMUM HOUR TRAFFIC		ESTIMATED PERCENT INCREASE BY		YEAR 30TH MAXIMUM HOUR TRAFFIC	
	A.M.	P.M.	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
AD (L)											
AB (T)											
AC (R)											
BC (L)											
BA (T)											
BD (R)											
CA (L)											
CD (T)											
CB (R)											
DB (L)											
DC (T)											
DA (R)											
TOTAL A											
TOTAL B											
TOTAL C											
TOTAL D											

T = THROUGH, L = LEFT, R = RIGHT



**INTERSECTION DESIGN STUDY**

FAP ROUTE 669 (US 24 / IL 29)  
 WITH FAU ROUTE 6715 (RUSCHE ST / HIGHLAND AVE.)

SEC. NO. 11RS-11 PROJ. NO. D-94-040-15  
 SCALE 50:1 COUNTY TAZEWELL  
 SJN: \_\_\_\_\_ REV. NO. \_\_\_\_\_

DESIGNED BY: L. CRESPO (IDOT) DATE: 4/30/15

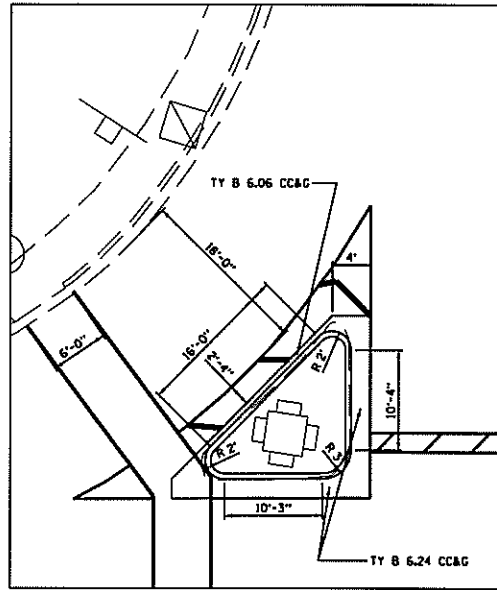
SATISFACTORY \_\_\_\_\_ DISTRICT GEOMETRICS ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_  
 SATISFACTORY \_\_\_\_\_ DISTRICT PROGRAM DEVELOPMENT ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_  
 SATISFACTORY \_\_\_\_\_ DISTRICT OPERATIONS ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

APPROVED \_\_\_\_\_ DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

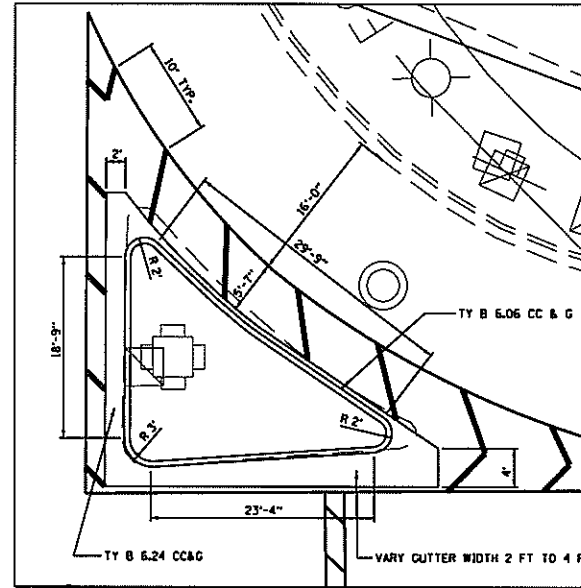
CADD FILE NAME: C I.D.S. SHEET 1 OF 3

PLOT DATE = 5/14/2015  
 FILE NAME = c:\pwork\work\peoria\11rs-11\11rs-11-05-105-Sheet\_Rushc.dgn  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = nollter

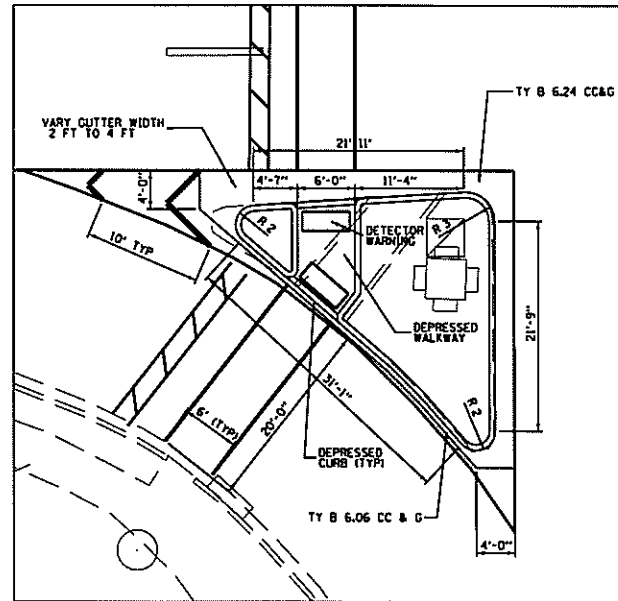
PLOT DATE = 5/14/2015  
 FILE NAME = c:\pwworkspace\10466655-105-TURNING MOVEMENT.dgn  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = nollere



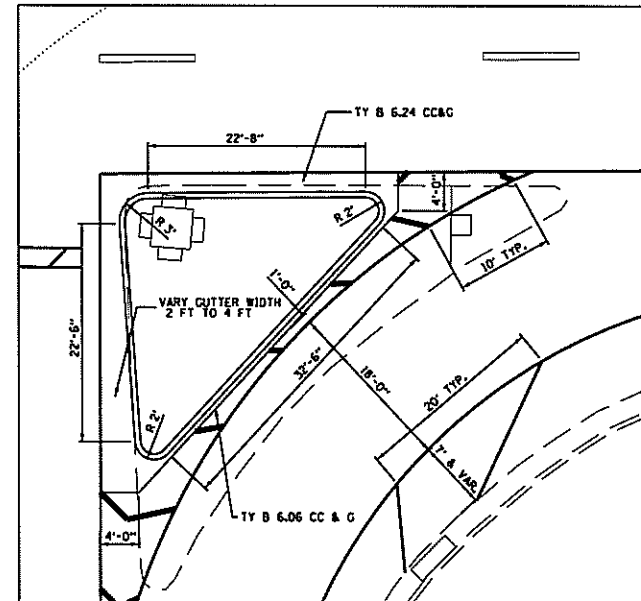
NORTHWEST QUAD



NORTHEAST QUAD



SOUTHWEST QUAD



SOUTHEAST QUAD

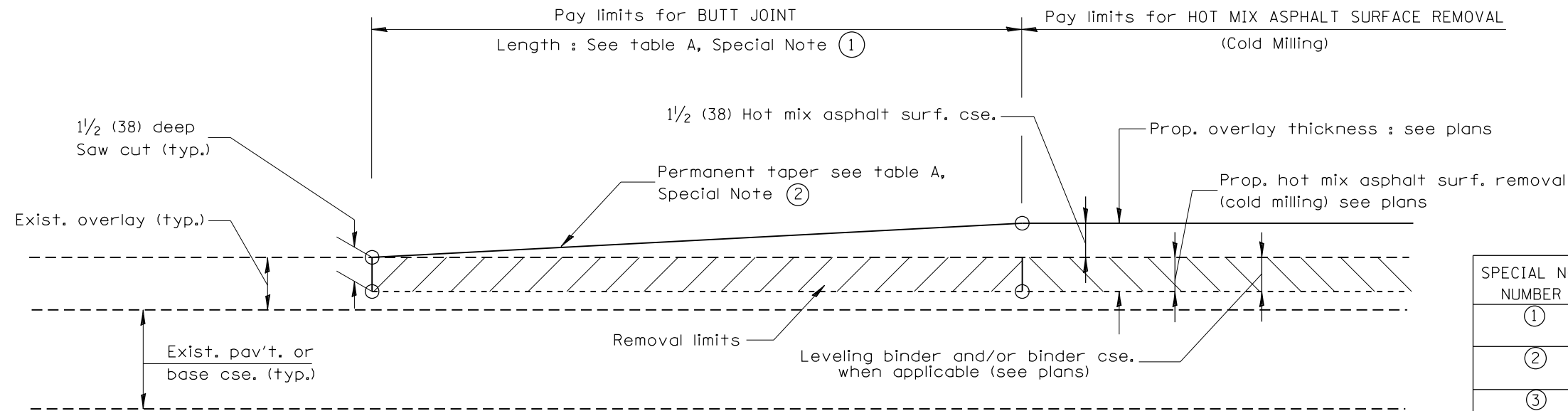
**INTERSECTION DESIGN STUDY**  
 F&P ROUTE 669 (US 24 / IL 29 I)  
 FAU ROUTE 6715 WITH (RUSCHE ST/HIGHLAND AVE.)  
 SEC. NO. 11RS-11  
 SCALE 50:1 COUNTY TAZEWELL  
 SJN : \_\_\_\_\_ PROJ. NO. D-94-040-15  
 I.D.S. SHEET 3 OF 3

SHT 56 OF 7A





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).



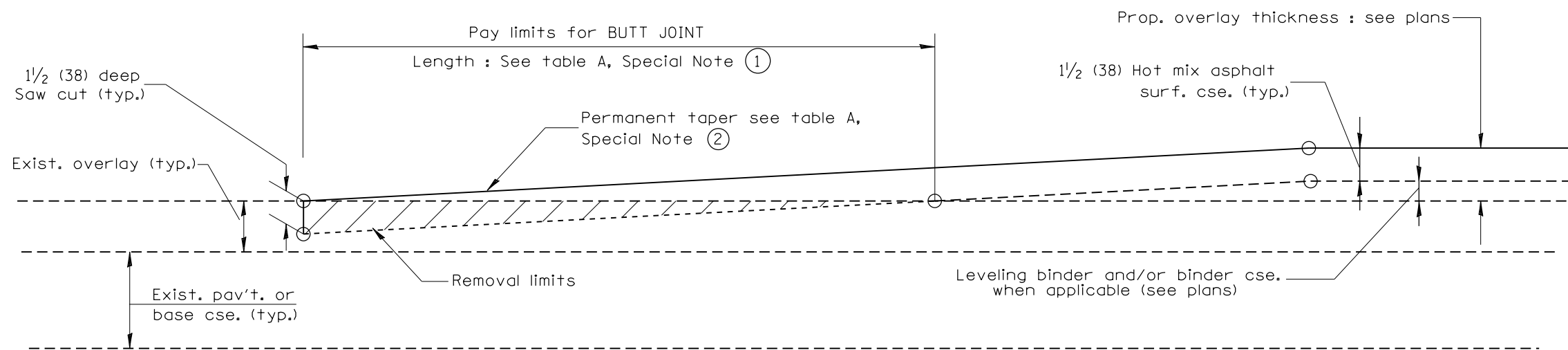
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**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.

01-01-97	RENUM. C-23.01, NEW REVISION BOX	T.P.
04-01-97	CORRECTION TO DEPTH	J.A.
09-15-05	REVISED DESIGNER NOTE	M.M.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

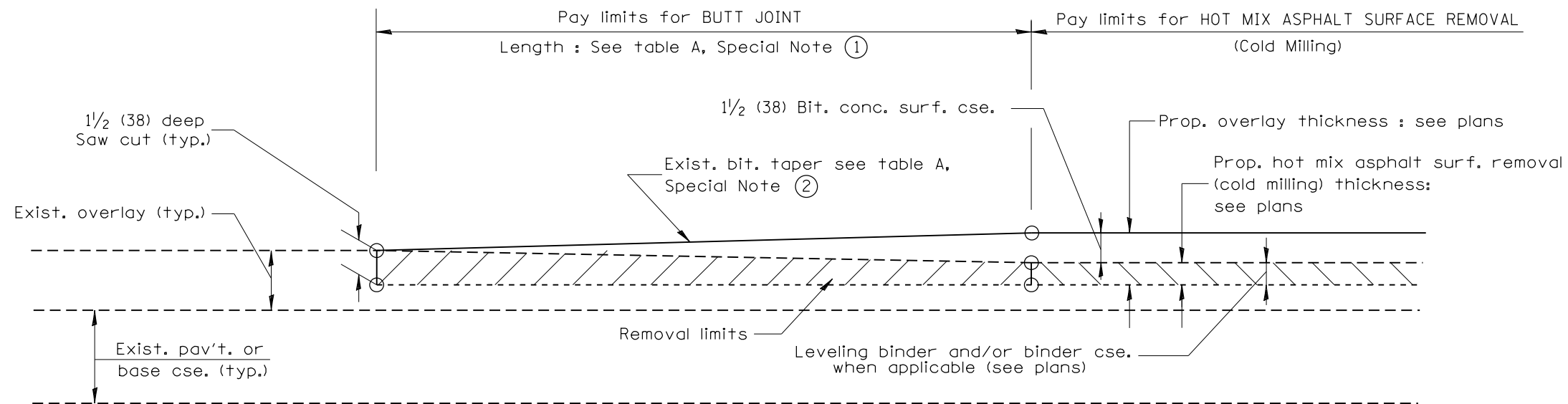
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**BUTT JOINTS**

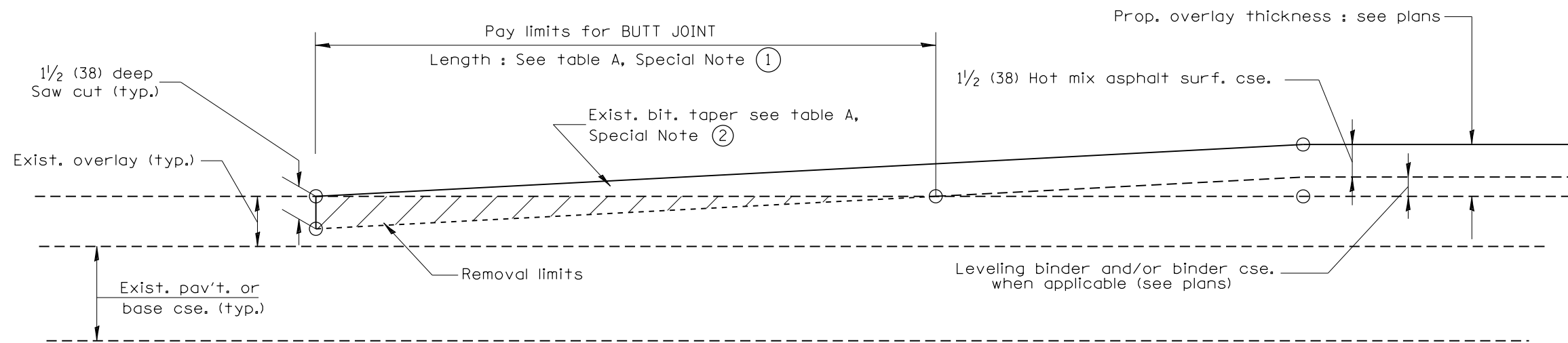
NOT TO SCALE

SHT. 1 OF 3  
CADD STD. 406101-D4

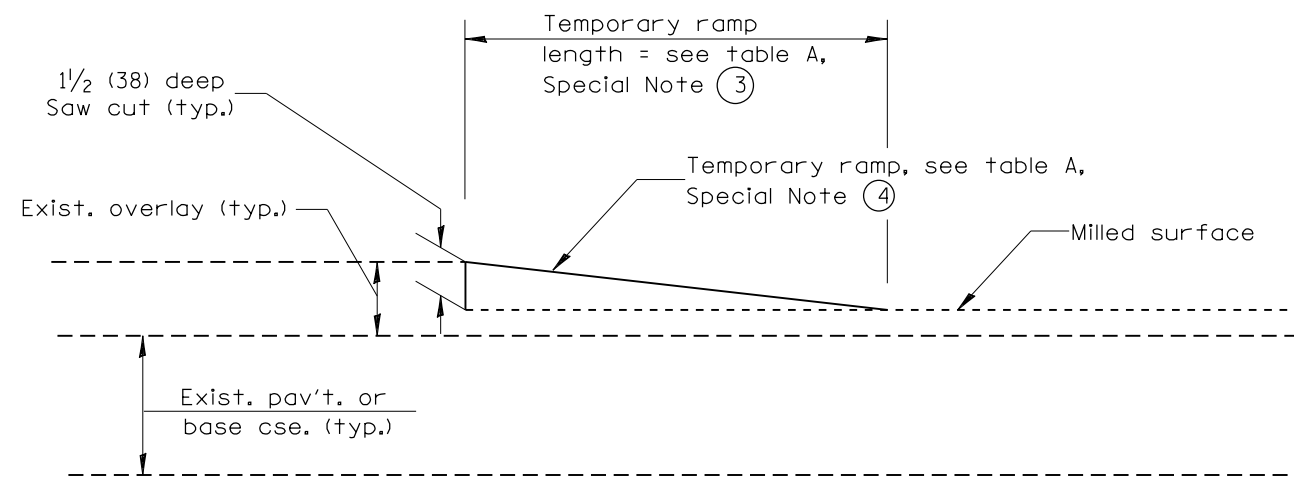
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	58
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C59	



**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.


**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

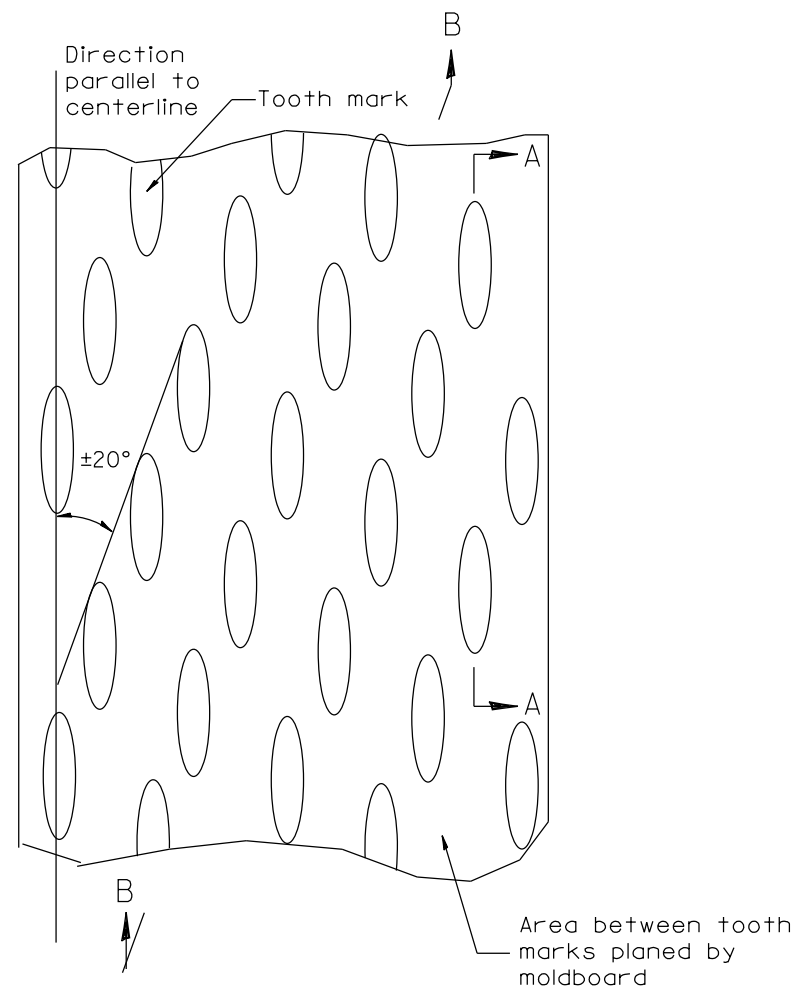
**BUTT JOINTS**

NOT TO SCALE

SHT. 2 OF 3  
CADD STD. 406101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	59
			CONTRACT NO. 68C59	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

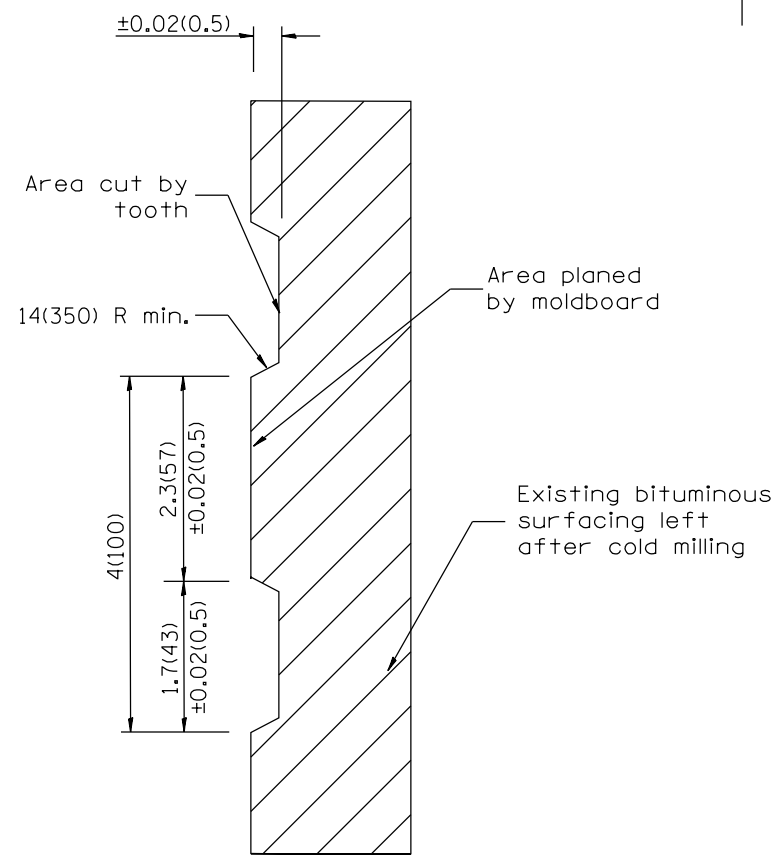




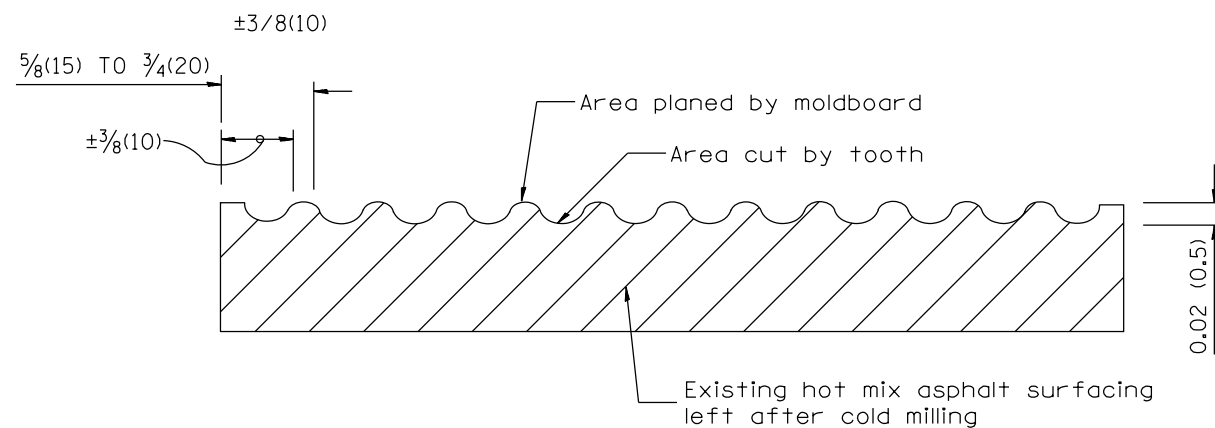
PLAN

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

DESIGNER NOTES:  
1. INCLUDE DISTRICT SPECIAL PROVISION, IF APPLICABLE.

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

01-01-97	RENUM. C-104.01, NEW REVISION BOX	T.P.
04-20-98	REMOVED MILLING DETAIL FROM STANDARD	J.A.
09-08-98	CORRECT NOTE LEADER PLACEMENT	R.W.
10-16-06	REVISED TO 2007 SPEC.	M.A.

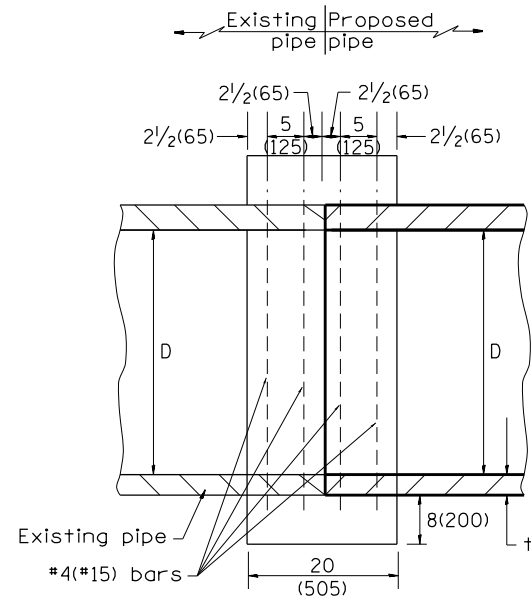
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

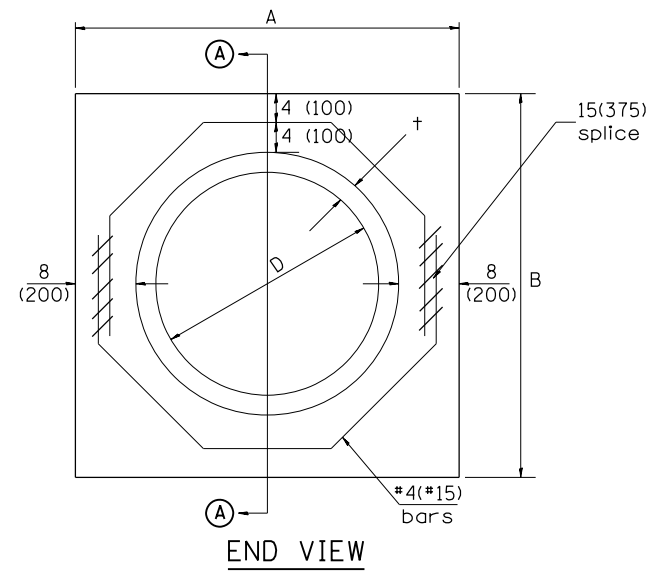
NOT TO SCALE

CADD STD. 440001-D4

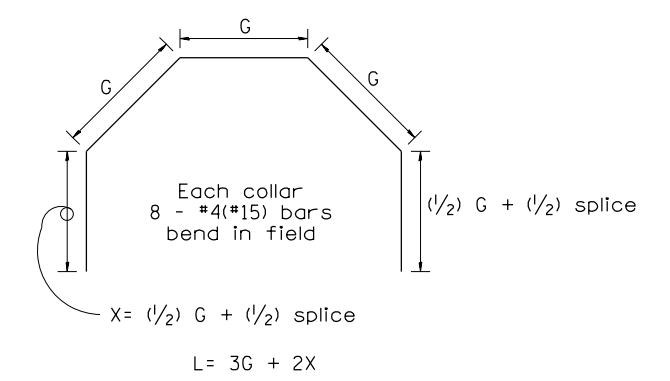
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	61
CONTRACT NO. 68C59				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SECTION A - A



END VIEW



Each Collar									
					Reinforcement Bars				
D	t	A	B	CL. SI CONC.	G	X	L	Weight	
in (mm)	in (mm)	ft (m)	ft (m)	cu.yd. (m <sup>3</sup> )	in (mm)	in (mm)	ft (m)	lb (kg)	
12 (300)	2.00 (51)	2.67 (0.814)	2.67 (0.814)	0.4 (0.270)	9 <sup>15</sup> / <sub>16</sub> (253)	12 <sup>7</sup> / <sub>16</sub> (317)	4.57 (1.393)	24 (11)	
15 (375)	2.25 (57)	2.96 (0.902)	2.96 (0.902)	0.4 (0.315)	11 <sup>3</sup> / <sub>8</sub> (290)	13 <sup>3</sup> / <sub>16</sub> (335)	5.05 (1.541)	27 (12)	
18 (450)	2.50 (64)	3.25 (0.991)	3.25 (0.991)	0.5 (0.362)	12 <sup>13</sup> / <sub>16</sub> (327)	13 <sup>7</sup> / <sub>8</sub> (354)	5.54 (1.689)	30 (14)	
21 (525)	2.75 (70)	3.54 (1.079)	3.54 (1.079)	0.5 (0.411)	14 <sup>1</sup> / <sub>4</sub> (364)	14 <sup>5</sup> / <sub>8</sub> (372)	6.02 (1.836)	32 (15)	
24 (600)	3.00 (76)	3.83 (1.167)	3.84 (1.167)	0.6 (0.460)	15 <sup>11</sup> / <sub>16</sub> (401)	15 <sup>5</sup> / <sub>16</sub> (391)	6.51 (1.984)	35 (16)	
27 (675)	3.25 (83)	4.13 (1.259)	4.13 (1.259)	0.7 (0.516)	17 <sup>1</sup> / <sub>4</sub> (438)	16 <sup>1</sup> / <sub>16</sub> (409)	6.99 (2.131)	37 (17)	
30 (750)	3.50 (89)	4.42 (1.347)	4.42 (1.347)	0.7 (0.570)	18 <sup>11</sup> / <sub>16</sub> (475)	16 <sup>3</sup> / <sub>4</sub> (428)	7.48 (2.279)	40 (18)	
33 (825)	3.75 (95)	4.71 (1.436)	4.71 (1.436)	0.8 (0.624)	20 <sup>1</sup> / <sub>8</sub> (512)	17 <sup>1</sup> / <sub>2</sub> (446)	7.96 (2.426)	43 (19)	
36 (900)	4.00 (102)	5.00 (1.524)	5.00 (1.524)	0.9 (0.682)	21 <sup>9</sup> / <sub>16</sub> (549)	18 <sup>3</sup> / <sub>16</sub> (465)	8.44 (2.574)	45 (20)	
42 (1050)	4.50 (114)	5.58 (1.701)	5.58 (1.701)	1.0 (.800)	24 <sup>7</sup> / <sub>16</sub> (622)	19 <sup>3</sup> / <sub>4</sub> (501)	9.41 (2.869)	50 (23)	
48 (1200)	5.00 (127)	6.17 (1.881)	6.17 (1.881)	1.2 (0.930)	27 <sup>5</sup> / <sub>16</sub> (696)	21 <sup>3</sup> / <sub>16</sub> (538)	10.38 (3.164)	55 (25)	

GENERAL NOTES

1. THE COLLAR SHALL BE CONSTRUCTED ENTIRELY OF CLASS SI CONCRETE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 503 OF THE STANDARD SPECIFICATIONS. REINFORCEMENT BARS SHALL CONFORM TO SECTION 508.
2. This work shall be paid for by the cubic yard (cubic meter) for CONCRETE COLLAR and by the pound (kg) for REINFORCEMENT BARS.

QUANTITIES	
CALC. BY: R. J. D.	2-2-98 DATE:
CHECKED BY: R. D. H.	2-6-98 DATE:

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

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

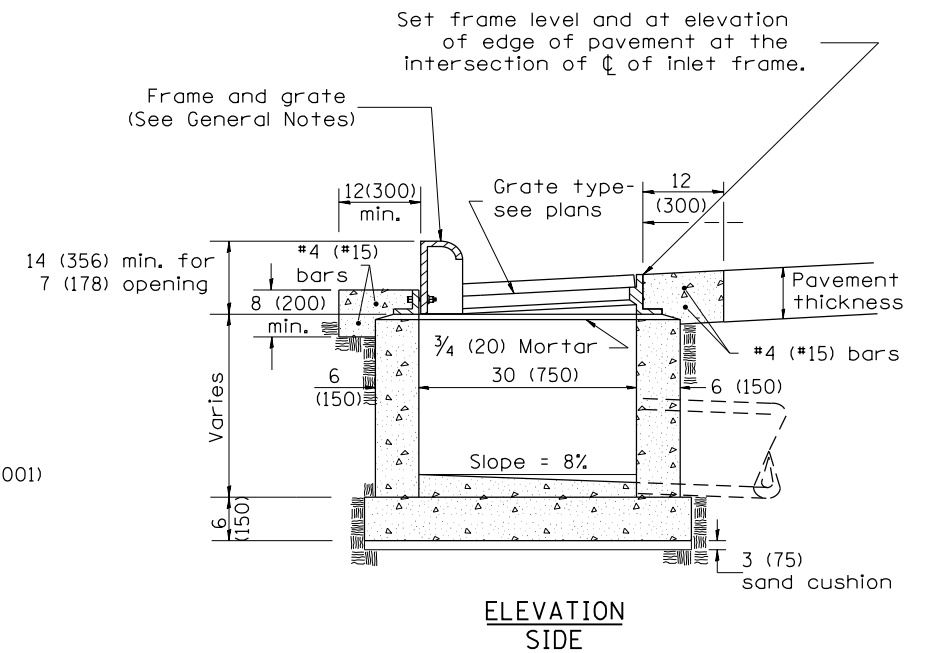
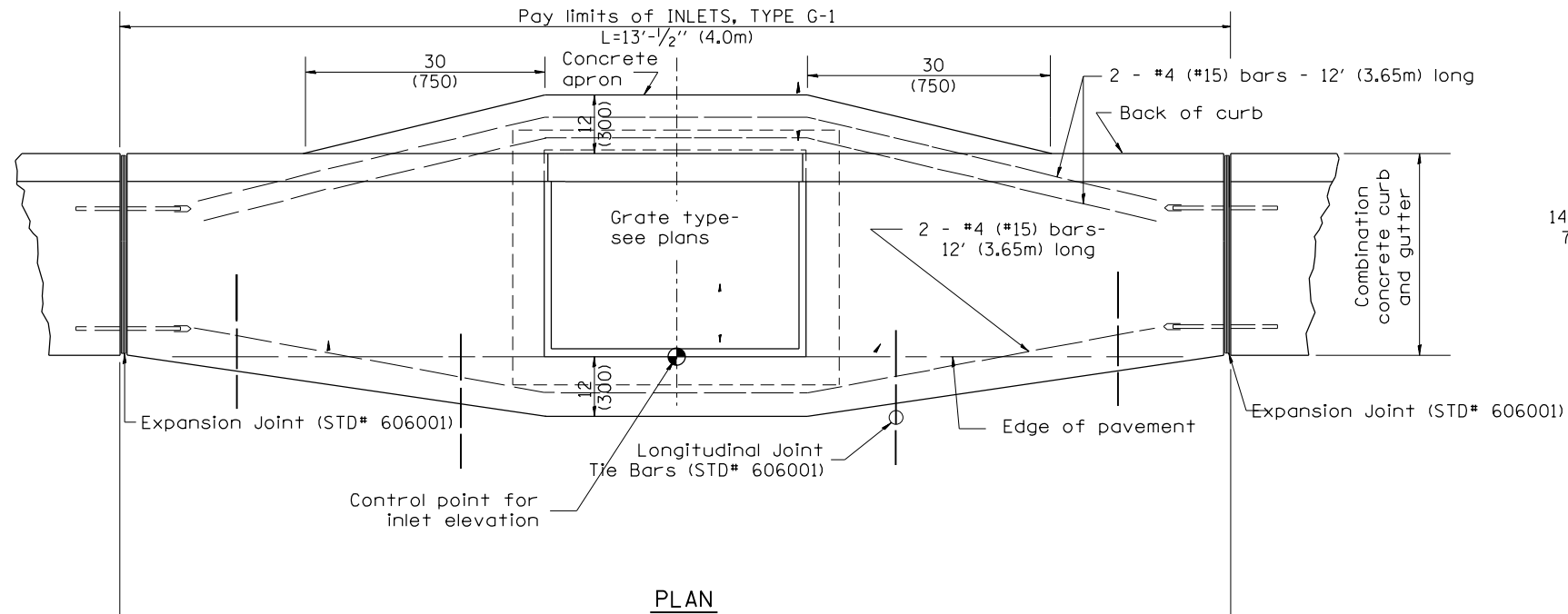
01-01-97	RENUM. B-8.03, NEW REVISION BOX, REVISED	T.P.	09-01-00	CORRECT WEIGHT	J.A.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PIPE CULVERT EXTENSION COLLAR (WITHOUT END SECTION)</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	TITLE BOX, ADDED QUANTITY CALCULATION BOX		10-16-06	REV. TO 2007 SPEC., CORRECT mm UNITS	M.A.						74	62	
04-01-97	CORRECT BAR	J.A.	2-15-11	ADDED GENERAL NOTE #2	R.D.			CONTRACT NO. 68C59					
02-10-98	REVISE QUANTITIES	J.A.						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

NOT TO SCALE

CADD STD. 542016-D4

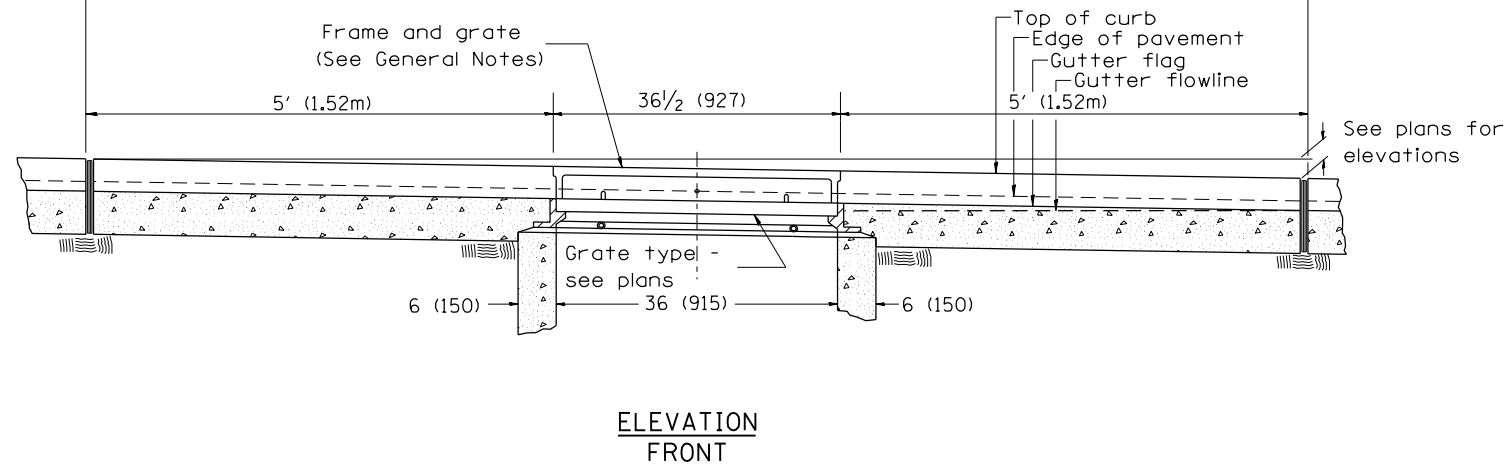
DESIGNER NOTES:

1. Include State Standard 606001 for combination concrete curb and gutter details.
2. Include State Standard 420001 for pavement joints.
3. Include District CADD Standard for frame and grates and specify grate type in plans.
4. Include District CADD Standard for frame and grates. Pay item includes transitional c.c.c. & g., inlet and frame and grate removal.
5. The designer should include pavement removal quantities when the apron requires pavement removal.



GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb & Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.



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

01-01-97	RENUM. B-4.01, NEW REVISION BOX	T.P.
10-99	REVISION TO GENERAL NOTES	J.A.
02-00	REVISION TO DESIGNER NOTES	J.A.
10-16-06	REVISED TO 2007 SPEC.	M.A.

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

NOT TO SCALE

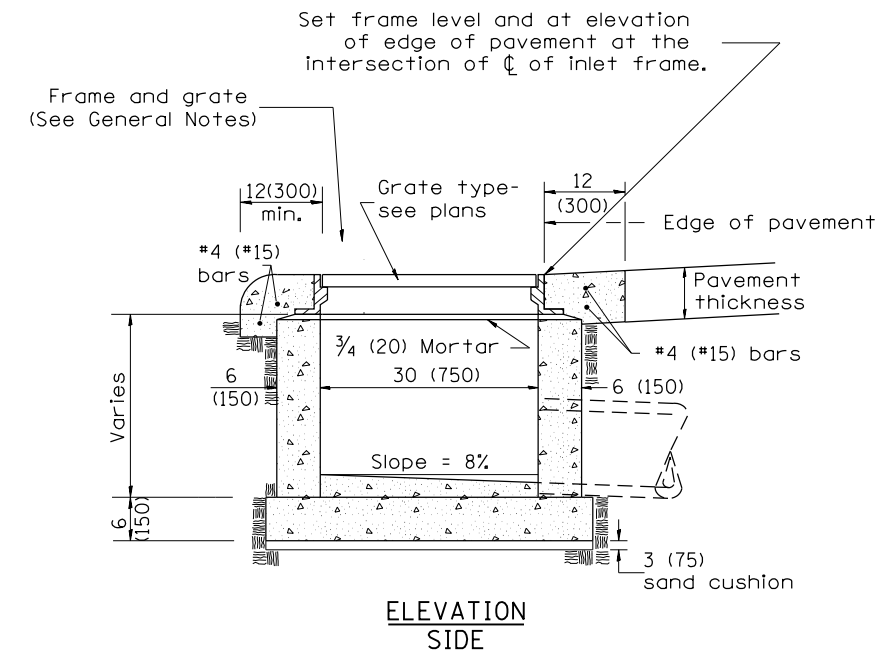
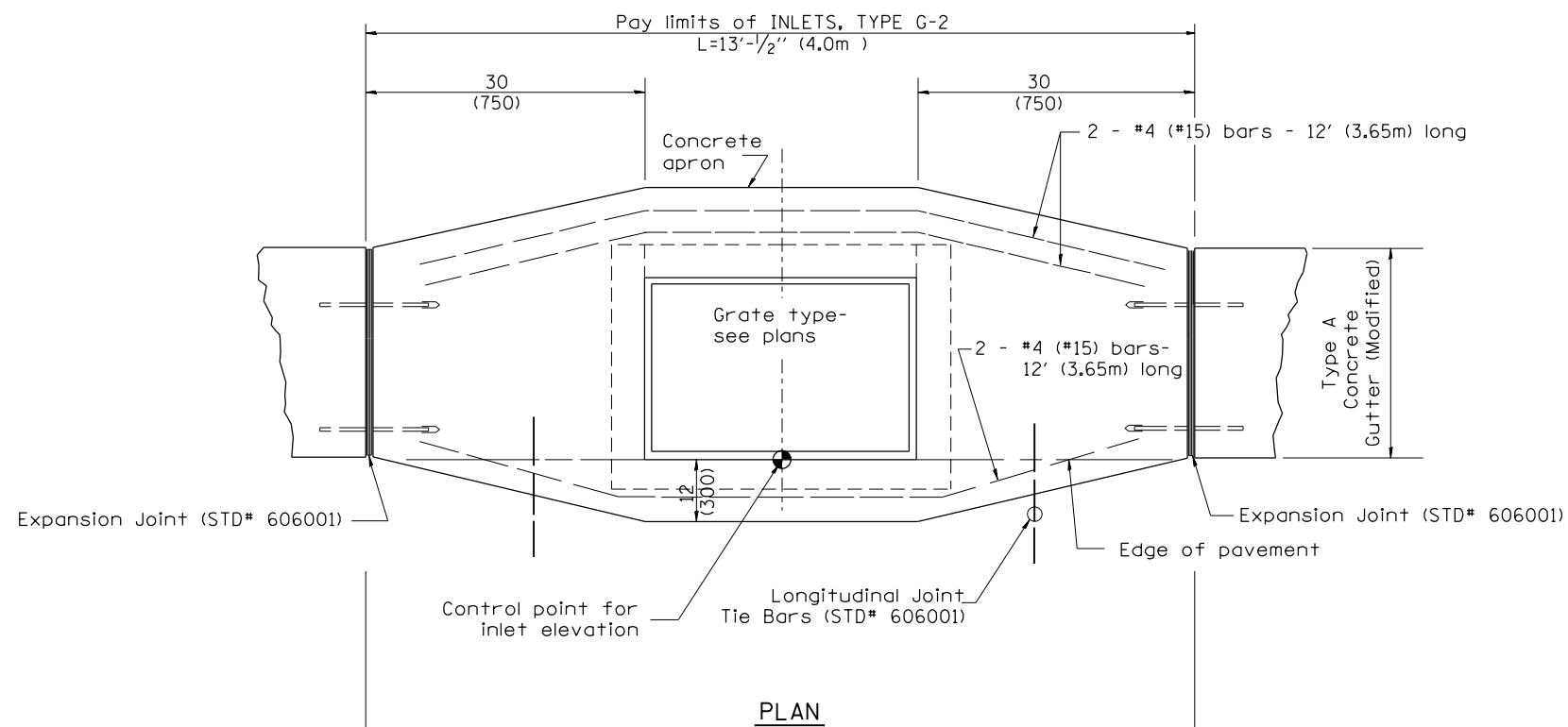
INLETS, TYPE G-1

CADD STD. 602001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	63
			CONTRACT NO. 68C59	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

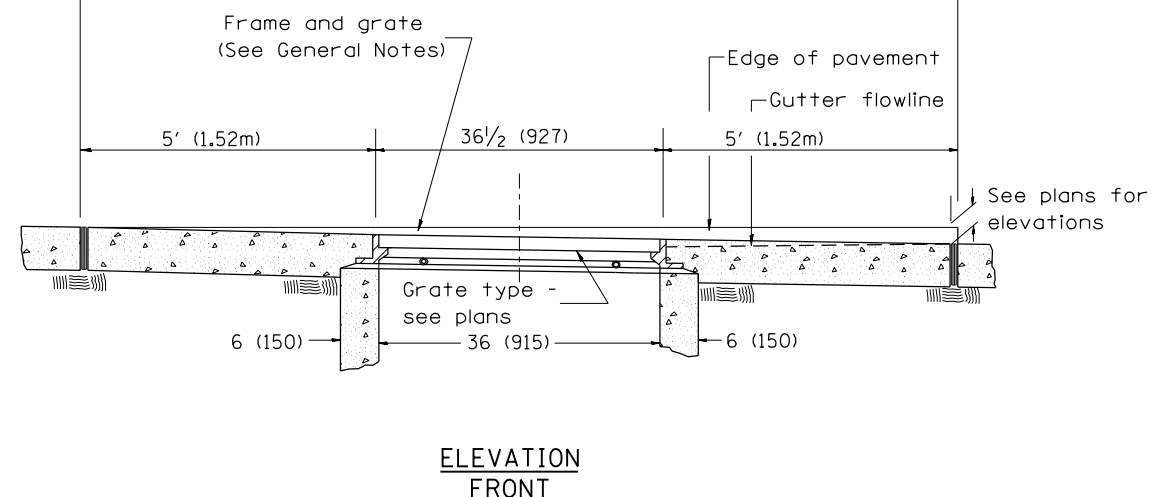
DESIGNER NOTES:

1. Include District CADD Standard 606101 for Type A Gutter (Modified) details.
2. Include State Standard 420001 for pavement joints.
3. Include District CADD Standard for frame and grates and specify grate type in plans.
4. Include District CADD Special Provision. Pay item includes transitional gutter, inlet and frame and grate.
5. The designer should include pavement removal quantities when the apron requires pavement removal.



GENERAL NOTES

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Type A Concrete Gutter (Modified) shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604002-D4 for frame and grate.



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

10-99	NEW D-4 CADD STD.	J.A.							
02-00	REVISION TO DESIGNER & GEN NOTES	J.A.							
03-00	REMOVE REFERENCE TO FACE-OF-CURB								
10-16-06	REVISED TO 2007 SPEC.	M.A.							

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

INLETS, TYPE G-2

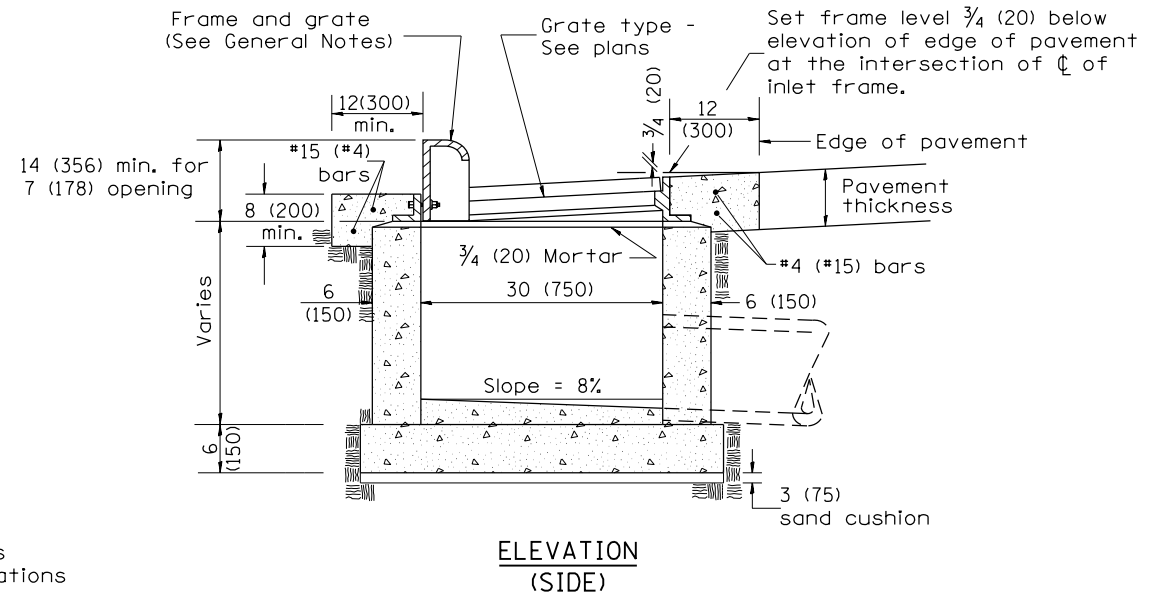
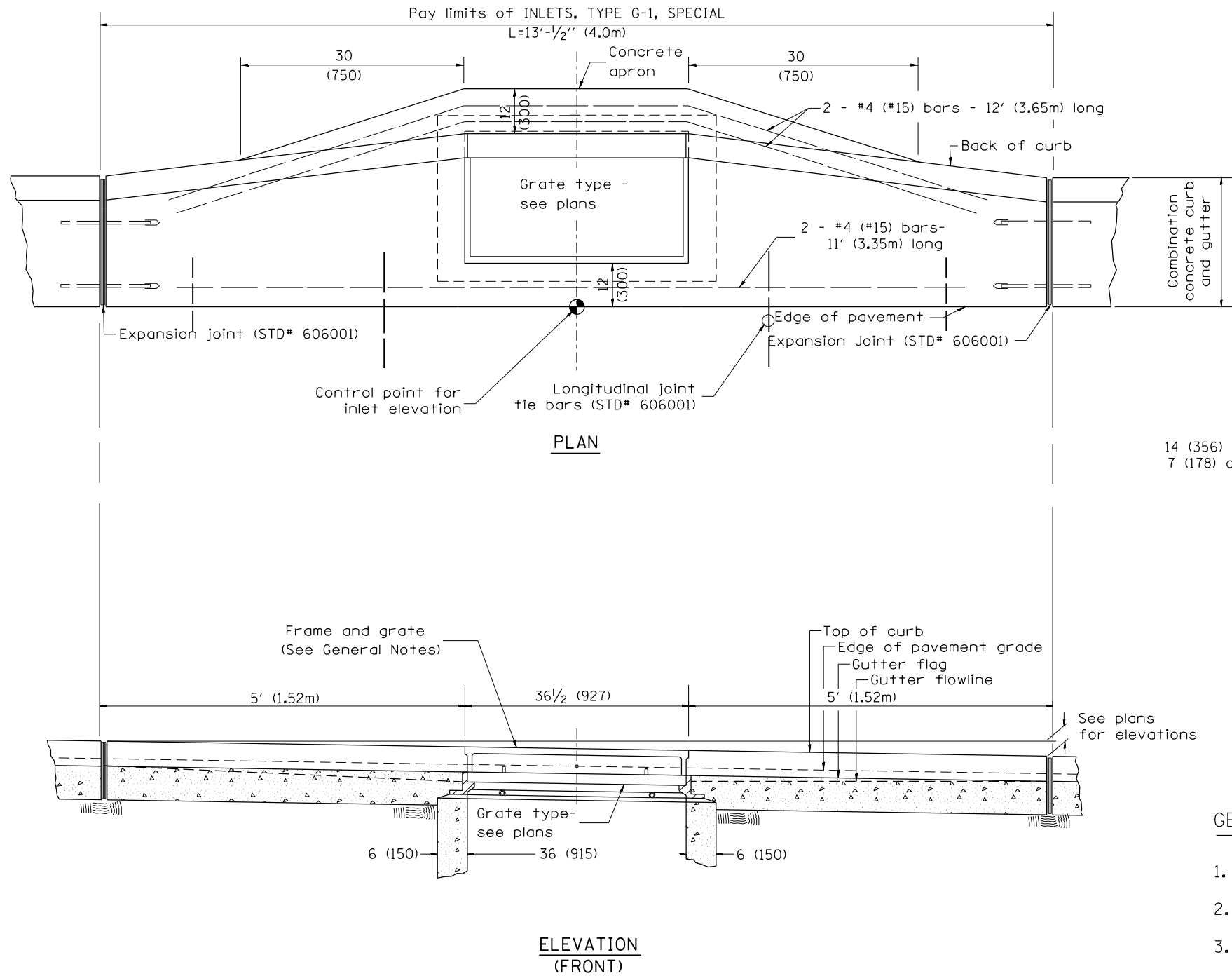
NOT TO SCALE

CADD STD. 602002-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	64
			CONTRACT NO. 68C59	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



DESIGNER NOTES: 1. Include State Standard 606001 for combination concrete curb and gutter details.  
 2. Include State Standard 420001 for pavement joints.  
 3. Include District CADD Standard for frame and grates.  
 4. Include District Special Provision. Pay item includes transitional c.c.c. & g., inlet and frame and grate. All work within pay limits.  
 5. Specify grate type in plans



**GENERAL NOTES**

1. Inlet construction shall be in accordance with Section 602 of the Standard Specifications.
2. Combination Concrete Curb and Gutter shall be constructed in accordance with Section 606 of the Standard Specifications.
3. See District CADD Standard 604001-D4 for frame and grates.

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

01-01-97	RENUM. B-4.02, NEW REVISION BOX								
12-01-98	CORRECT E.O.P. NOTE	J.A.							
10-99	REVISION TO GENERAL NOTES	J.A.							
10-16-06	REVISED TO 2007 SPEC.	M.A.							

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

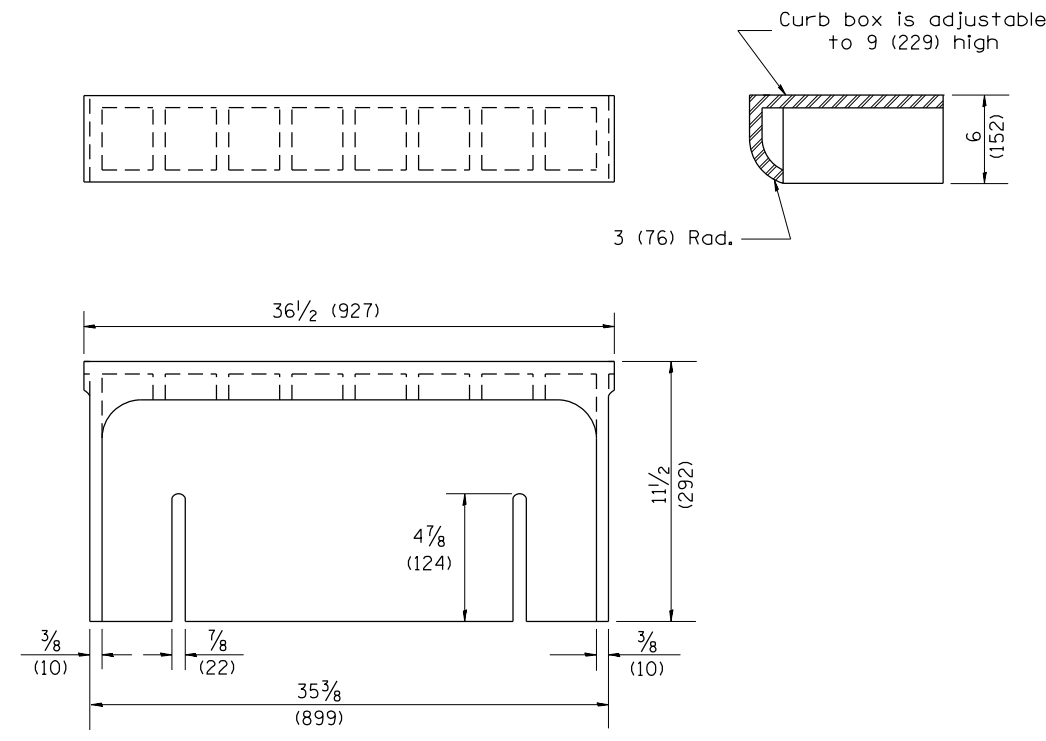
**INLETS, TYPE G-1, SPECIAL**

NOT TO SCALE

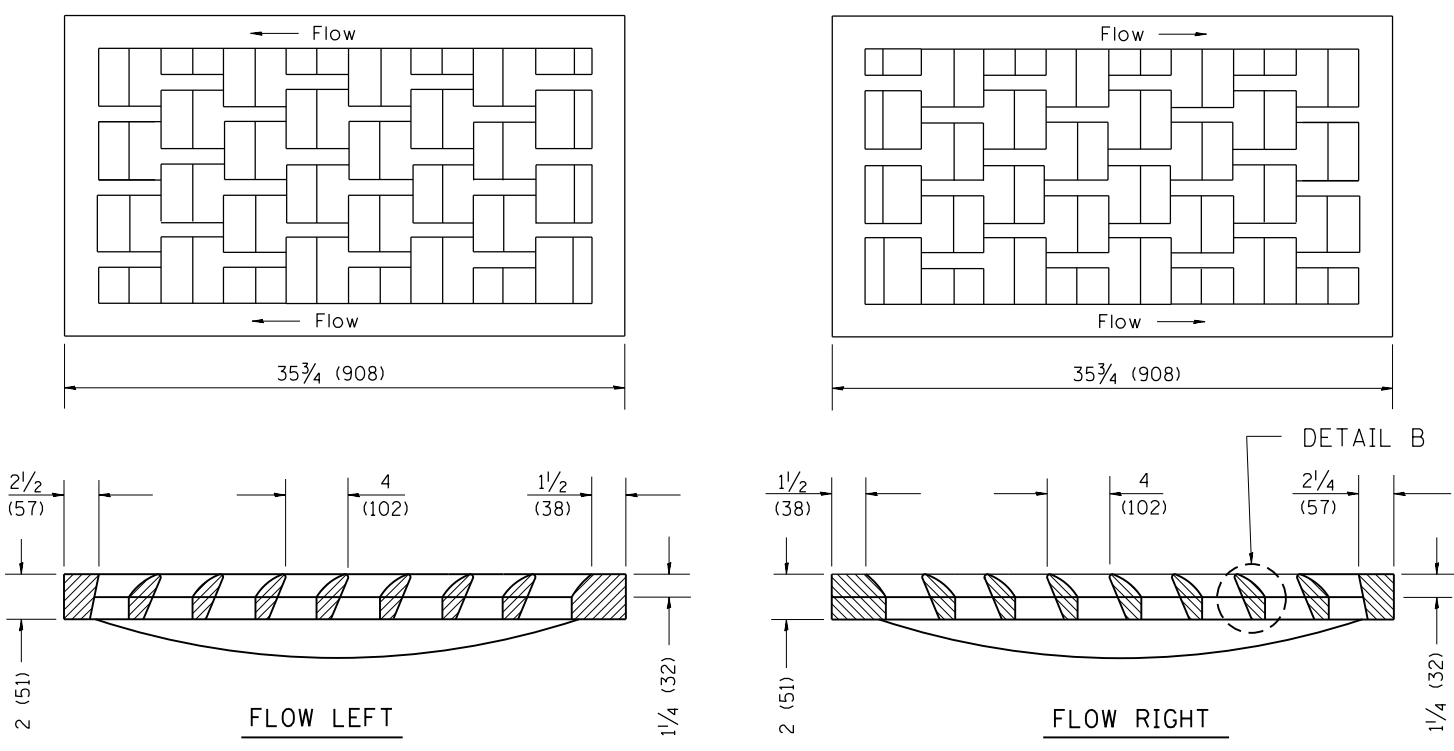
CADD STD. 602006-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	65
CONTRACT NO. 68C59				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

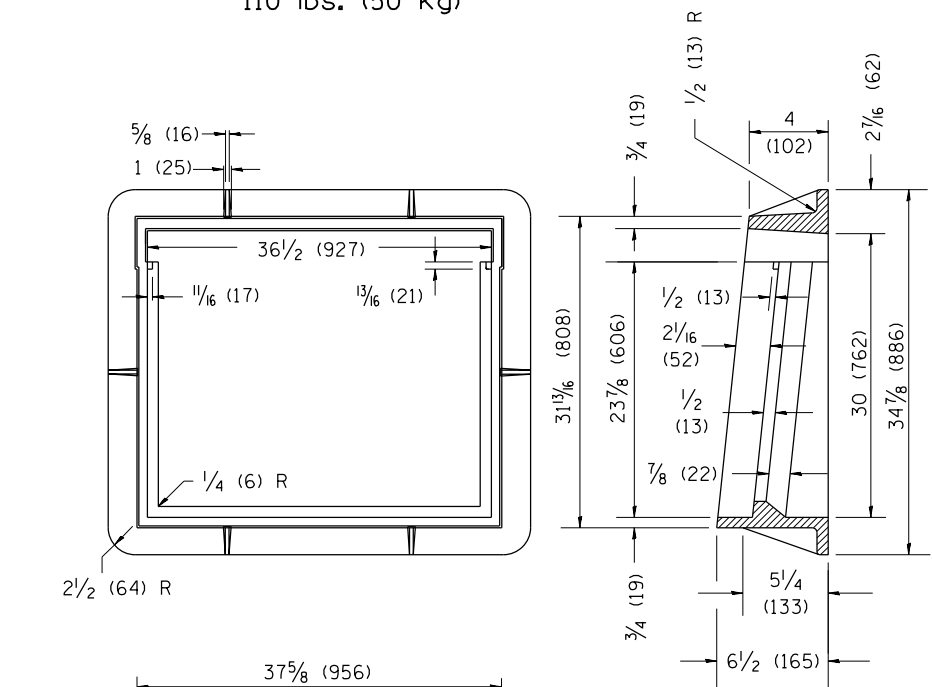
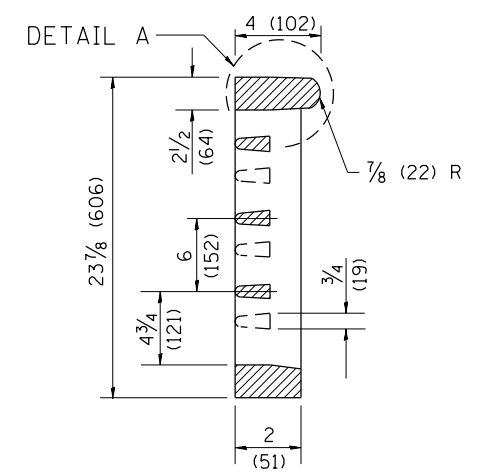
1. Include this standard with all Type G-1 and Type G-1, Special Drainage Structures.  
 2. Specify grate types and flow directions in plans.  
 3. These castings are included in the cost of the drainage structures as per District Special Provision.  
 4. This drawing based upon "NEENAH" designs as follows: Inlet Frame: R-3246-A, Curb Box: R-3290  
 Reversible Diagonal Grate: R-3246-A  
 Vane Grates: R-3246-AL(flow left)  
 R-3246-AL(flow right)



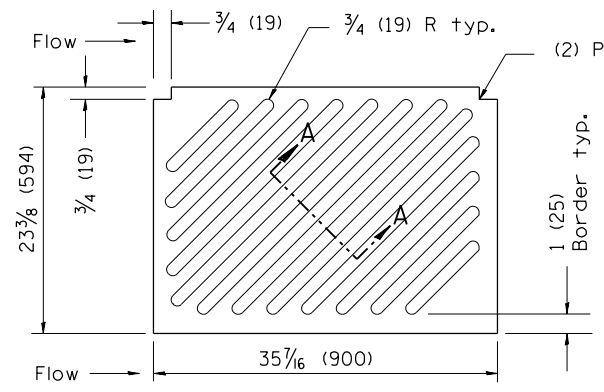
**CAST CURB BOX**  
110 lbs. (50 kg)



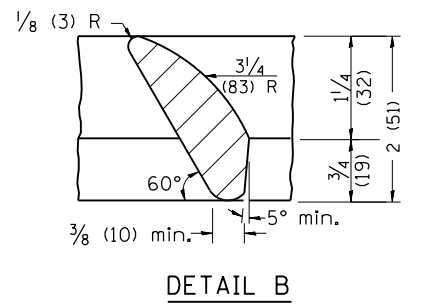
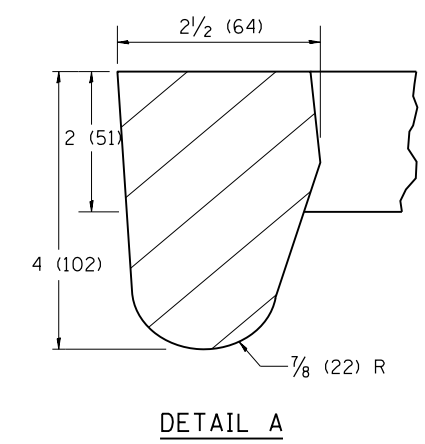
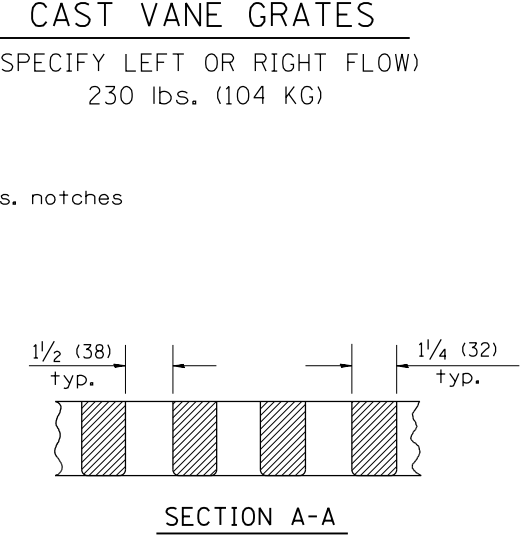
**CAST VANE GRATES**  
(SPECIFY LEFT OR RIGHT FLOW)  
230 lbs. (104 KG)



**CAST FRAME**  
271 lbs. (123 kg)



**CAST DIAGONAL GRATE**  
(Reversible for flow)  
217 lbs. (98 kg)



**GENERAL NOTES**

1. The frame and grate shown on this drawing are for use with all TYPE G-1 and TYPE G-1, SPECIAL DRAINAGE STRUCTURES. See plans for grate type and flow direction.
2. Flow direction: As viewed from street side.
3. Material: cast gray iron.

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

01-01-97	RENUM. B-10.01, NEW REVISION BOX	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

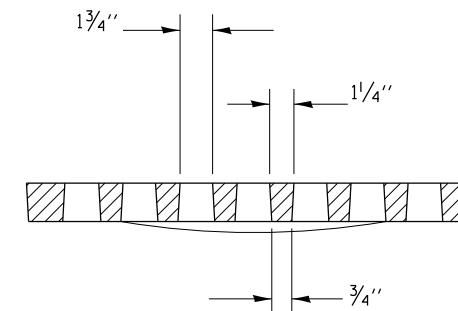
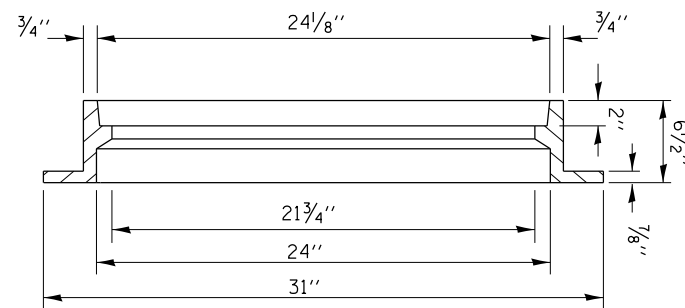
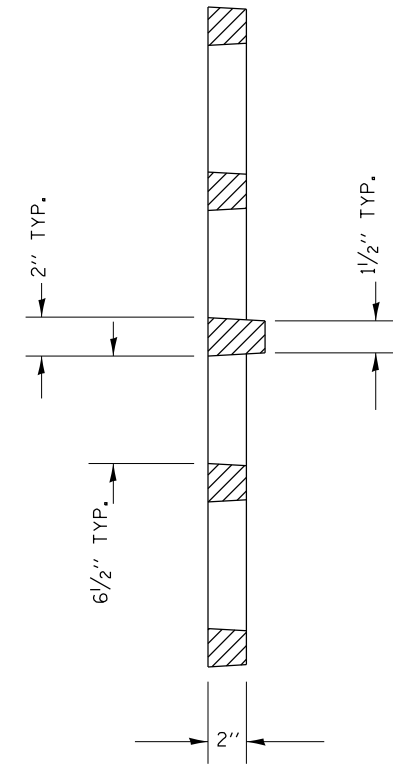
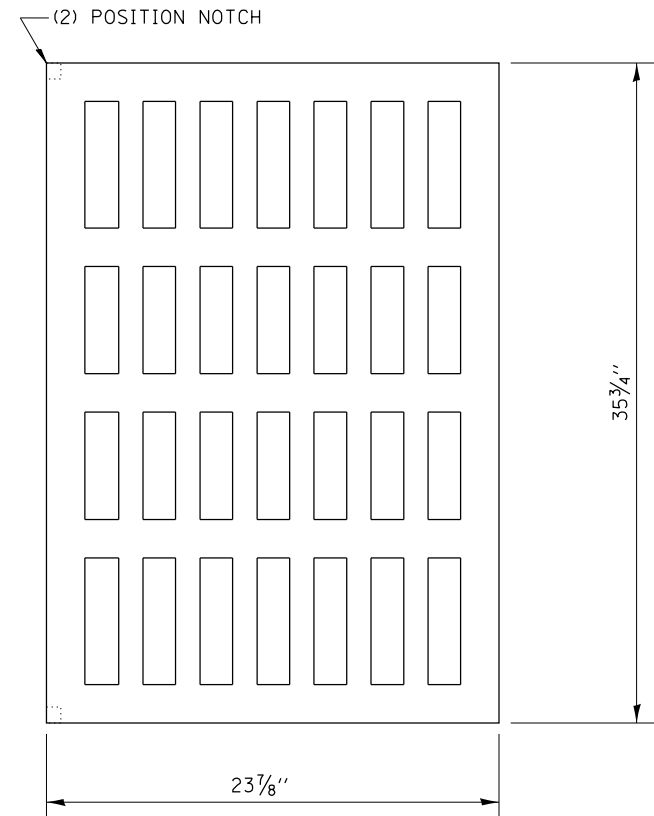
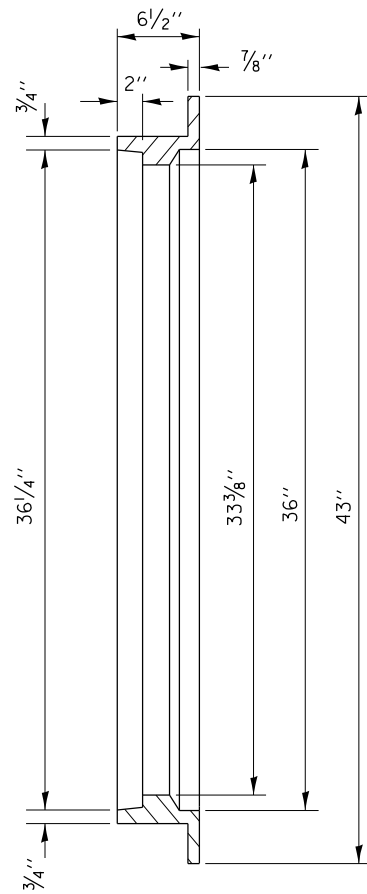
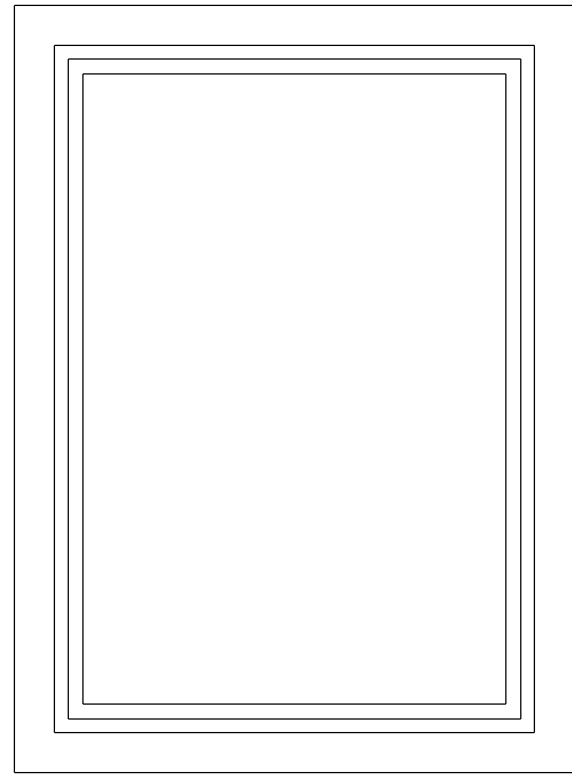
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FRAME & GRATES FOR TYPE G-1 AND TYPE G-1,**  
**SPECIAL DRAINAGE STRUCTURES**  
NOT TO SCALE

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	66
CONTRACT NO. 68C59				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

CADD STD. 604001-D4

DESIGNER NOTES: 1. Include this standard District CADD Std. 602002-D4.  
 2. Frame & Grate included in cost of G-2 Inlet.  
 3. This drawing based upon "NEENAH" designs as follows: Inlet Frame: R-3454-B, Reversible Diagonal Grate: R-3246-A.



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

10-99	NEW STANDARD	J.A.			
02-00	ADD NOTE & DESIGNER NOTES	J.A.			

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

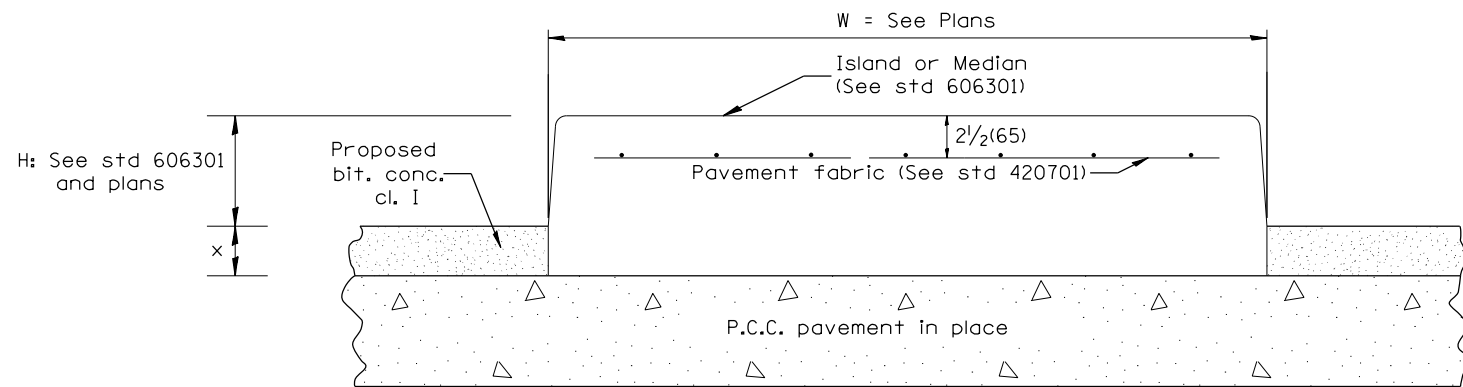
FRAME AND GRATES FOR TYPE G-2 DRAINAGE STRUCTURES

NOT TO SCALE

CADD STD. 604002-D4

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	67
CONTRACT NO. 68C59				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		





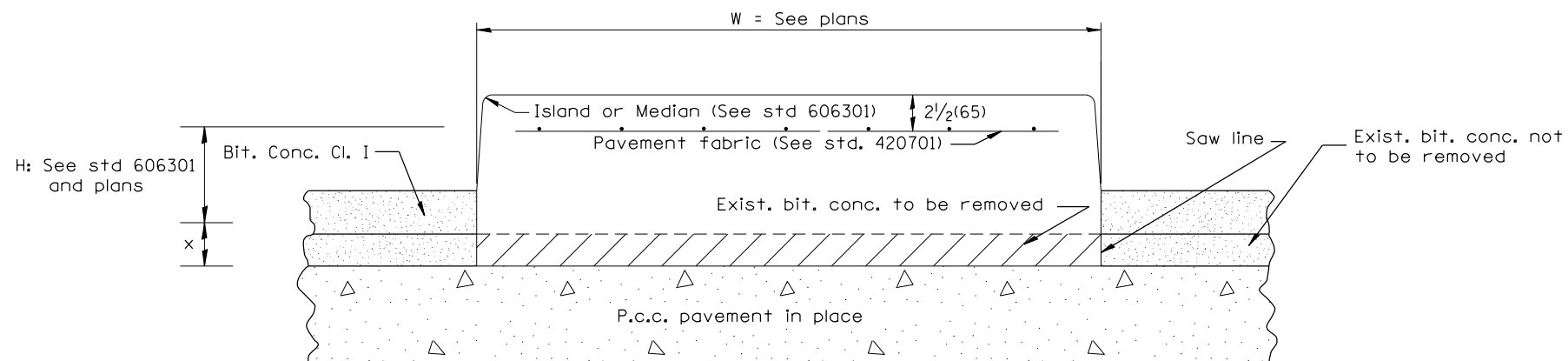
P.C.C. PAVEMENT

LEGEND

- X = thickness of proposed overlay (see plans)
- H = height of island or median (see std 606301 and plans)
- W = width of island or median (see plans)

GENERAL NOTES:

1. This work shall consist of constructing P.C. concrete Islands and medians of variable width as shown on the plans and in accordance to the applicable portions of section 606 of the Standard Specifications and Standard 606301.



PREVIOUSLY RESURFACED P.C.C. PAVEMENT

DESIGNER NOTES: 1. INCLUDE STD 420701 AND 606301  
2. INCLUDE DISTRICT SPECIAL PROVISION

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

01-01-97	RENUM. A-7.05, & A-7.07, NEW REVISION BOX, NEW FORMAT, REVISED TITLE BOX, REVISED NOTES	T.P.
10-16-06	REVISED TO 2007 SPEC.	M.A.

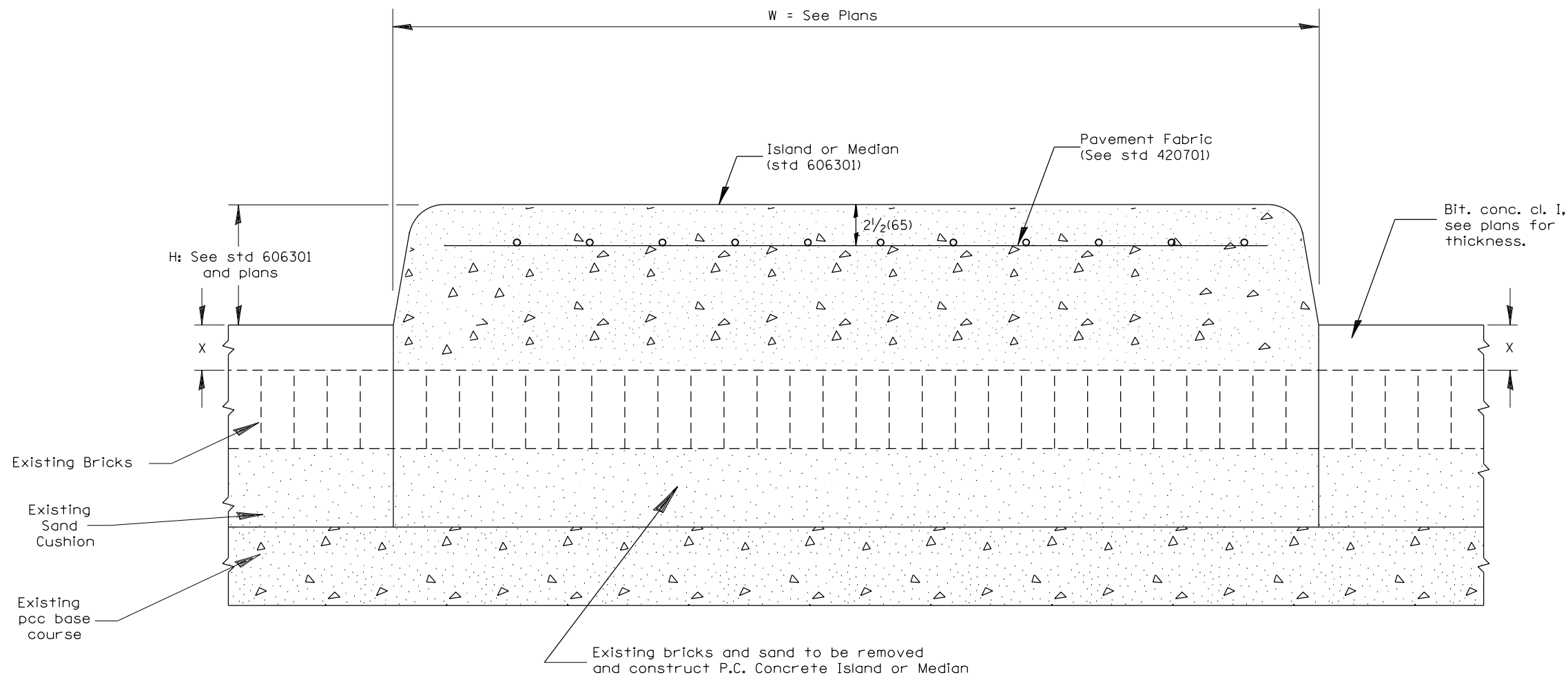
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**P.C. CONCRETE ISLANDS AND MEDIANS  
(CONSTRUCTED ON TOP OF EXISTING PAVEMENT)**

NOT TO SCALE

SHT. 1 OF 2  
CADD STD. 606301-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	69
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C59	



**BRICK PAVEMENT**

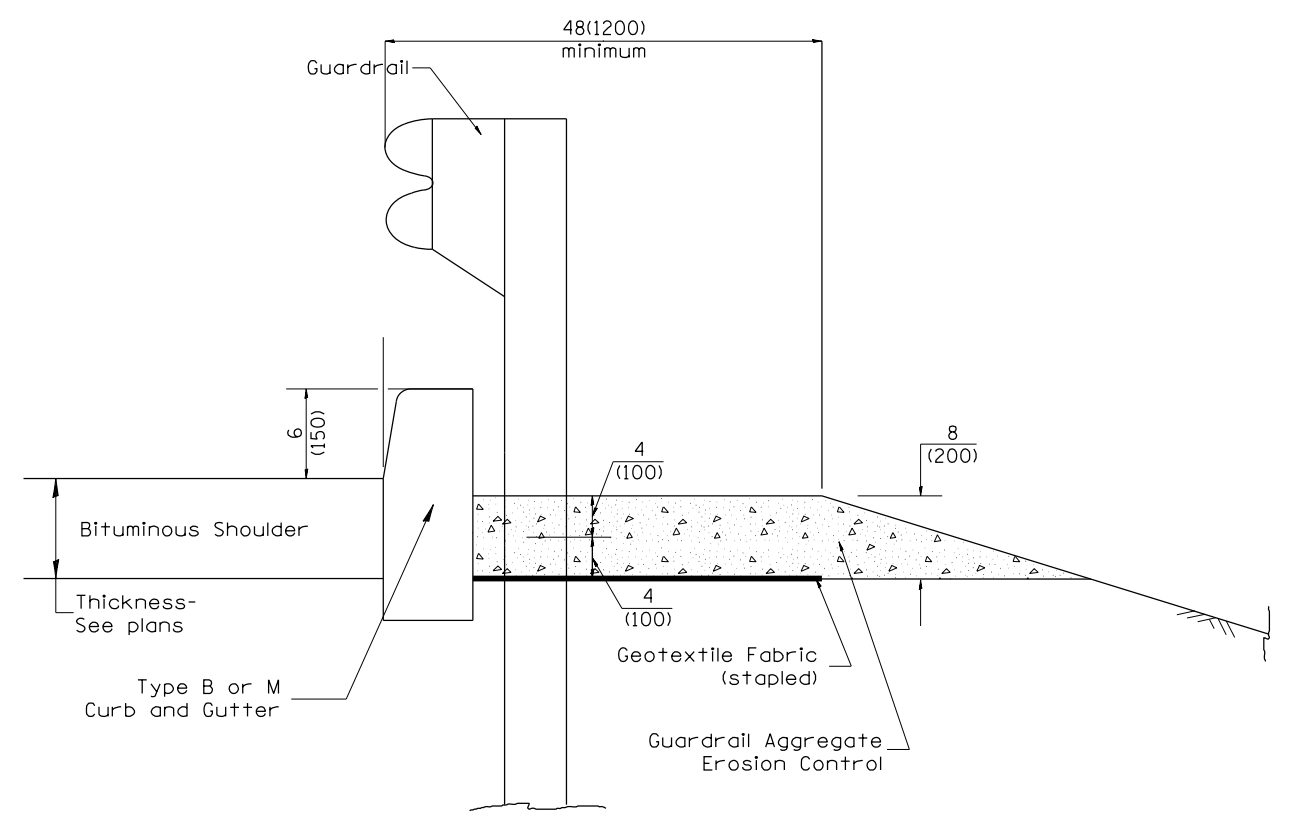
**LEGEND**

- X = thickness of proposed overlay (see plans)
- H = height of island or median (see std 606301 and plans)
- W = width of island or median (see plans)

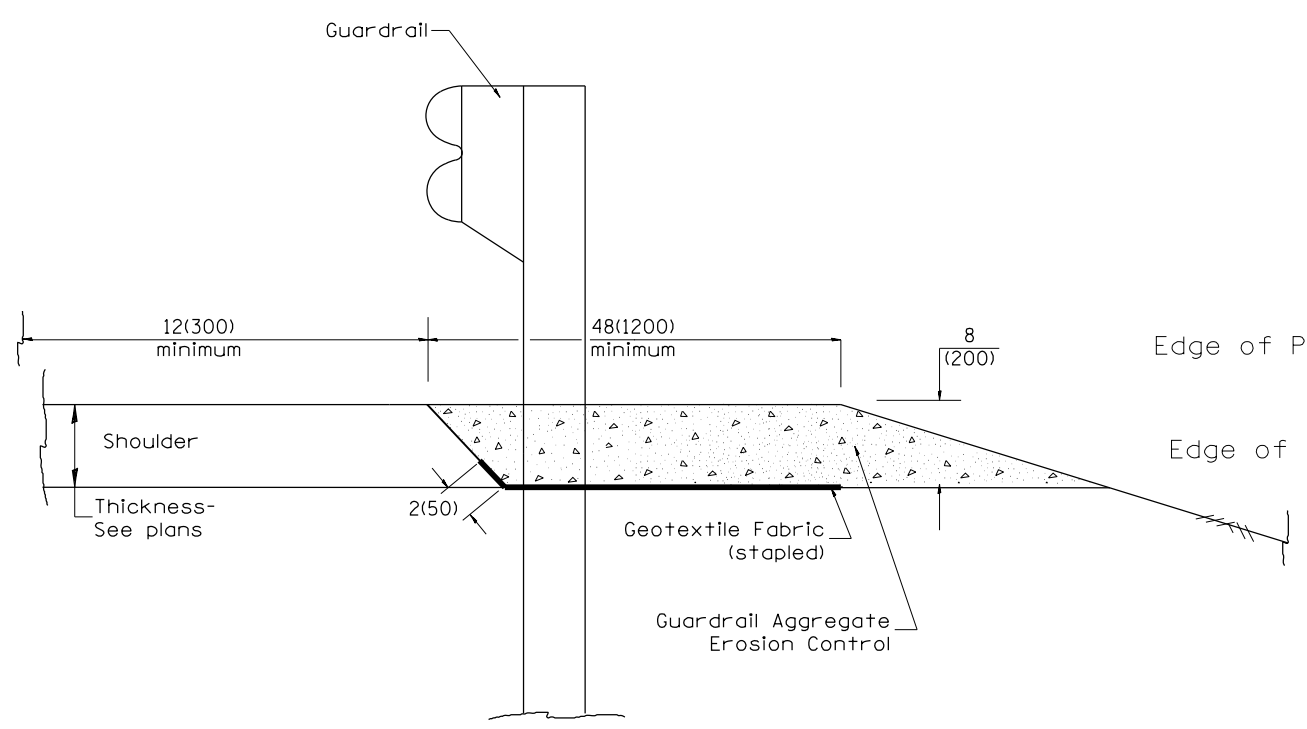
All dimensions are in inches (millimeters) unless otherwise noted.

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>				<b>P.C. CONCRETE ISLANDS AND MEDIANS (CONSTRUCTED ON TOP OF EXISTING PAVEMENT)</b>				SHT. 2 OF 2	
				NOT TO SCALE				CADD STD. 606301-D4	
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
			74	70	CONTRACT NO. 68C59				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT							

DESIGNER NOTES:  
 1. Consider using a "B" curb pay item at guardrail installations where grades are equal to or greater than 1% and at inlets. (Include District Special Provision)  
 2. Use GUARDRAIL AGGREGATE EROSION CONTROL at guardrail installations where grades are less than 1%. (Include District Special Provision)  
 3. Include State Standards 609001, 609006 or 610001 if applicable.  
 4. Include the following District Cadd Standards as needed: Slope Drains for Exposed Pipes; Slope Drains for Buried Pipes; Seepage Collars for Buried Pipes; Seepage Collars for Exposed Pipes; Concrete Thrust Blocks and Pipe Elbow.  
 5. Include District Special Provision "Aggregate Quality" for projects located in the Western Area of the District - approx. dividing line is IL 97.



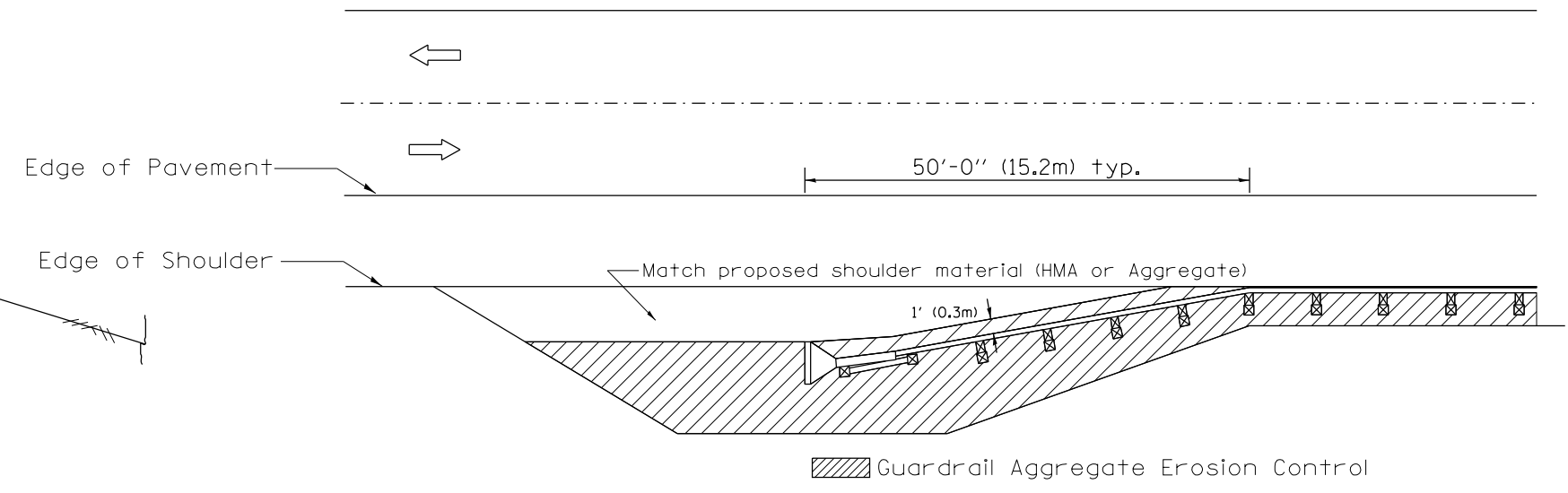
**TYPICAL SECTION WITH EROSION CONTROL CURB**



**TYPICAL SECTION WITHOUT EROSION CONTROL CURB**

**GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL**

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12(300) minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
  - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
  - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



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

01-01-97	RENUM. C-22.01, NEW REVISION BOX	T.P.	3-7-11	Added Detail showing plan view	R.D.
03-01-97	CORRECT STD. NUMBERS IN NOTES PG. 2	J.A.	8-10-12	Revised curb "B" and aggregate	R.D.
11-03-00	CORRECTION TO NOTES	M.A.			
10-16-06	REVISED TO 2007 SPEC.	M.A.			

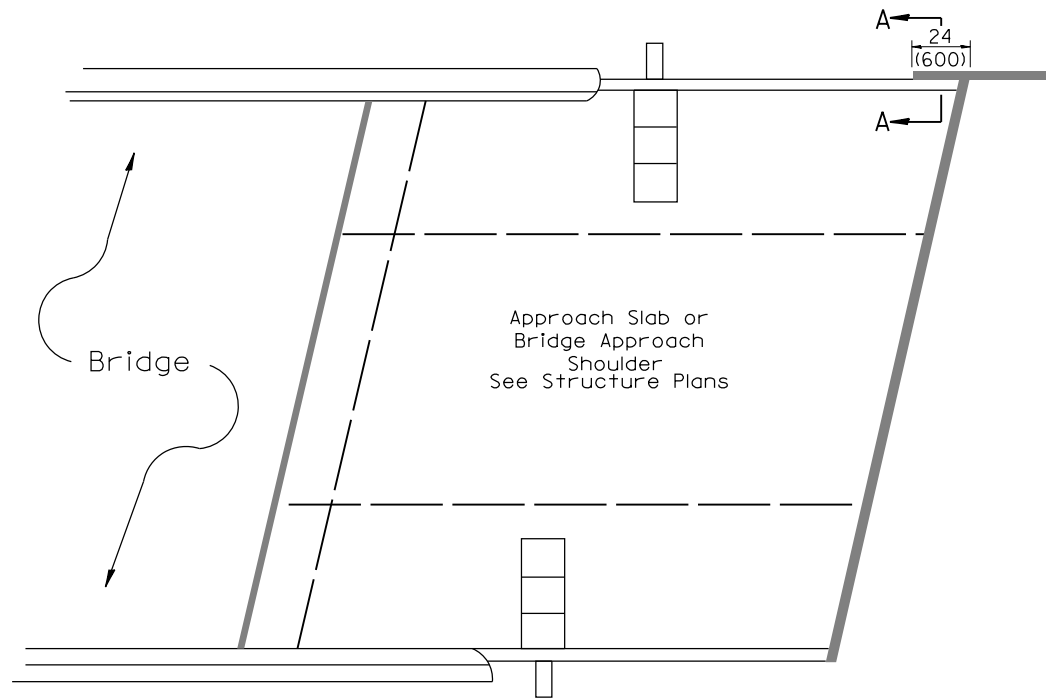
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL EROSION CONTROL TREATMENTS**

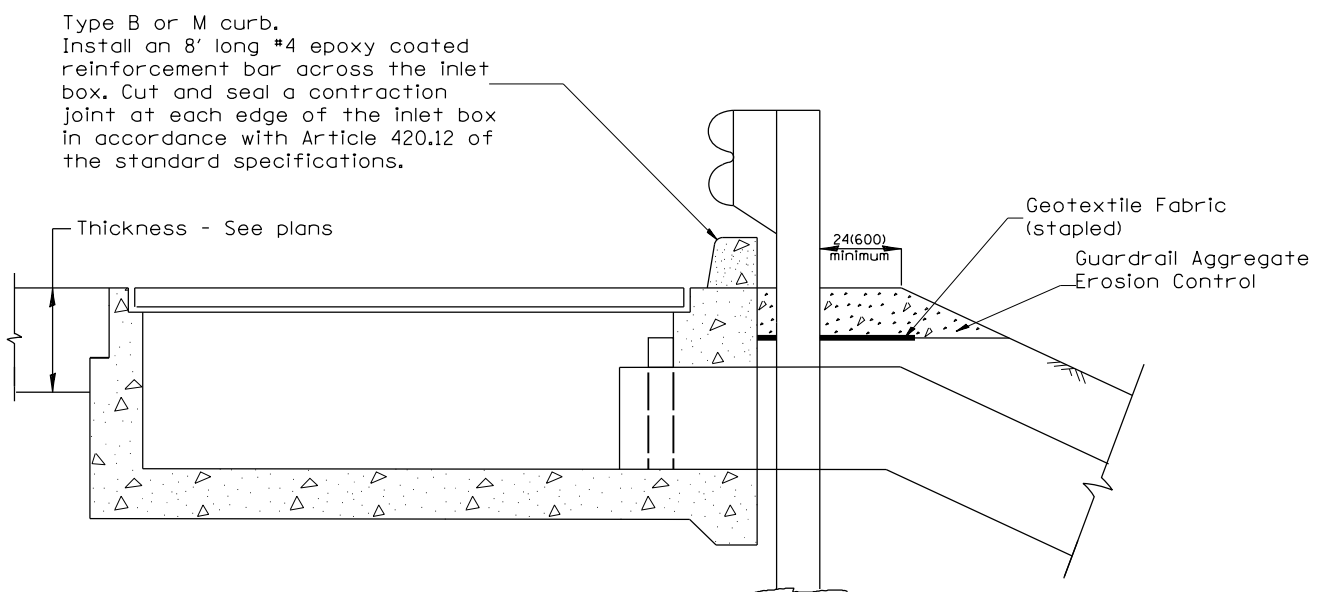
NOT TO SCALE

SHT. 1 OF 2  
 CADD STD. 630101-D4

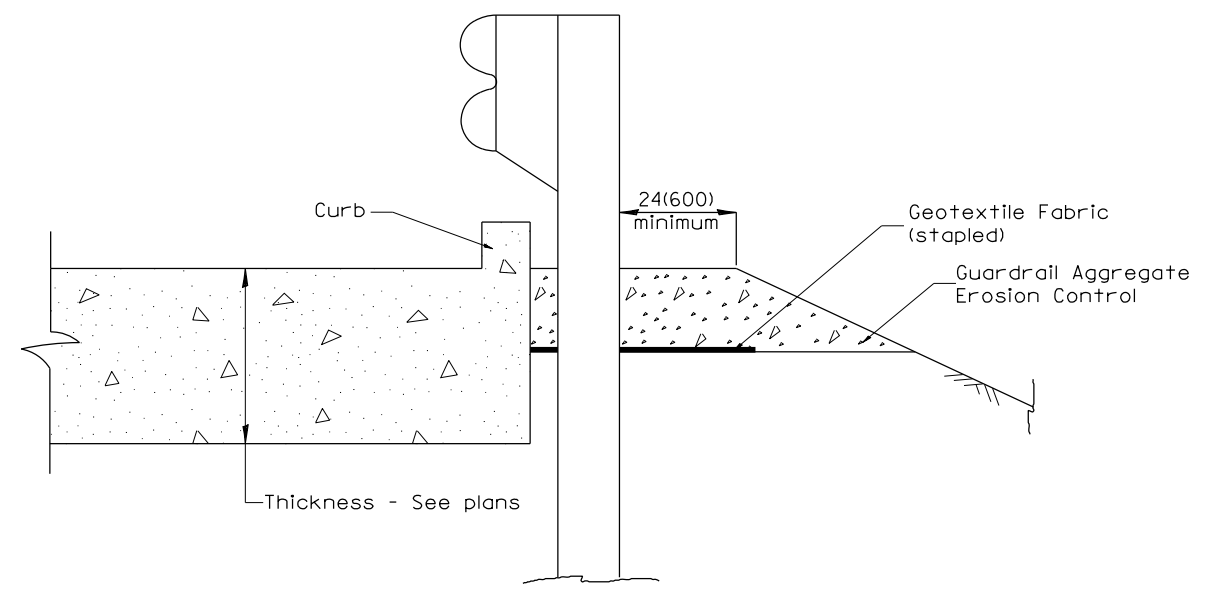
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	71
			CONTRACT NO. 68C59	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



**PLAN VIEW**  
**APPROACH SLAB OR BRIDGE APPROACH SHOULDER**  
 (STANDARD 609001 or 609006)



**TYPICAL SECTION AT INLETS**  
 TYPE E & F (STANDARD 610001)



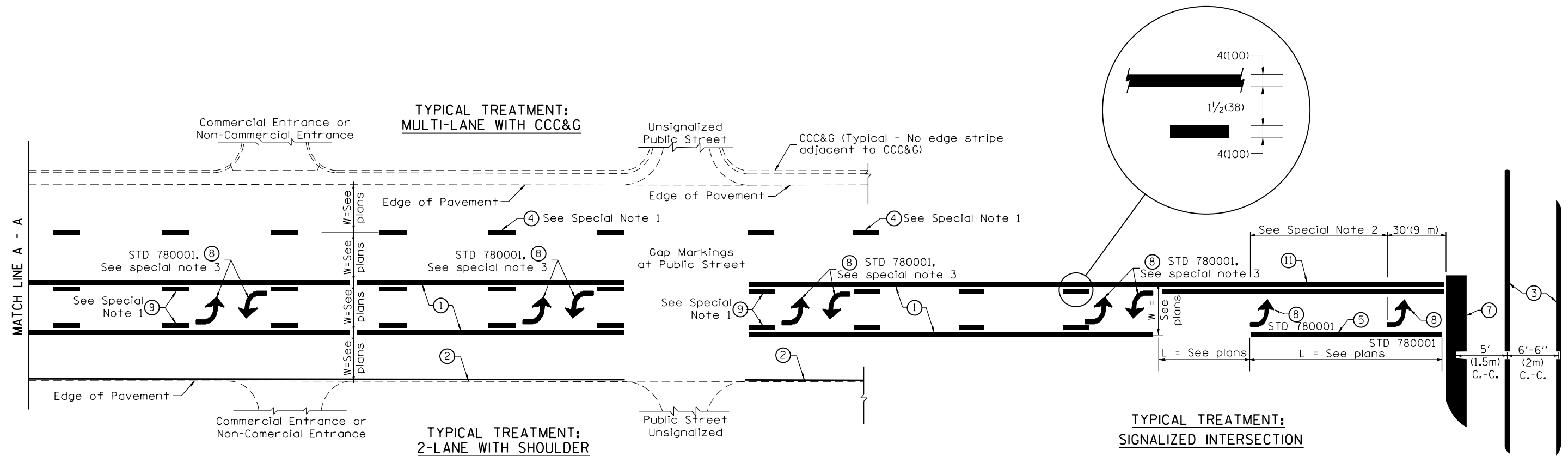
**SECTION A-A**  
 TYPICAL SECTION WITH BRIDGE APPROACH CURB

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

				<b>STATE OF ILLINOIS</b>	<b>GUARDRAIL EROSION CONTROL TREATMENTS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				<b>DEPARTMENT OF TRANSPORTATION</b>	NOT TO SCALE				74	72
					SHT. 2 OF 2	CONTRACT NO. 68C59				
					CADD STD. 630101-D4	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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



**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)min C.-C. (White)  
2-8(200) Crosswalk @ 6'-6" (2m)min 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.

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.		
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.		
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.		

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL PAVEMENT MARKINGS**

NOT TO SCALE

SHT. 1 OF 2  
CADD STD. 780001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	73
			CONTRACT NO. 68C59	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

