

**INDEX OF SHEETS**

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406101-D4 780001-D4  
440001-D4

**HIGHWAY STANDARDS**

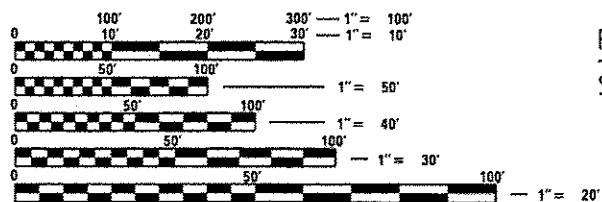
000001-06	701301-04	701901-05
442201-03	701306-03	780001-05
701001-02	701311-03	781001-04
701011-04	701336-06	
701201-04	701501-06	

**DESIGN DESIGNATION**

ADT = 4,175 (2013)  
 MU% = 2.63%  
 SU% = 5.47%

**PROJECT DESCRIPTION**

THIS PROJECT CONSISTS OF RESURFACING AND ALL COLLATERAL WORK ALONG IL ROUTE 17 FROM WEST OF 19TH AVENUE TO 220TH STREET IN ALEDO.



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

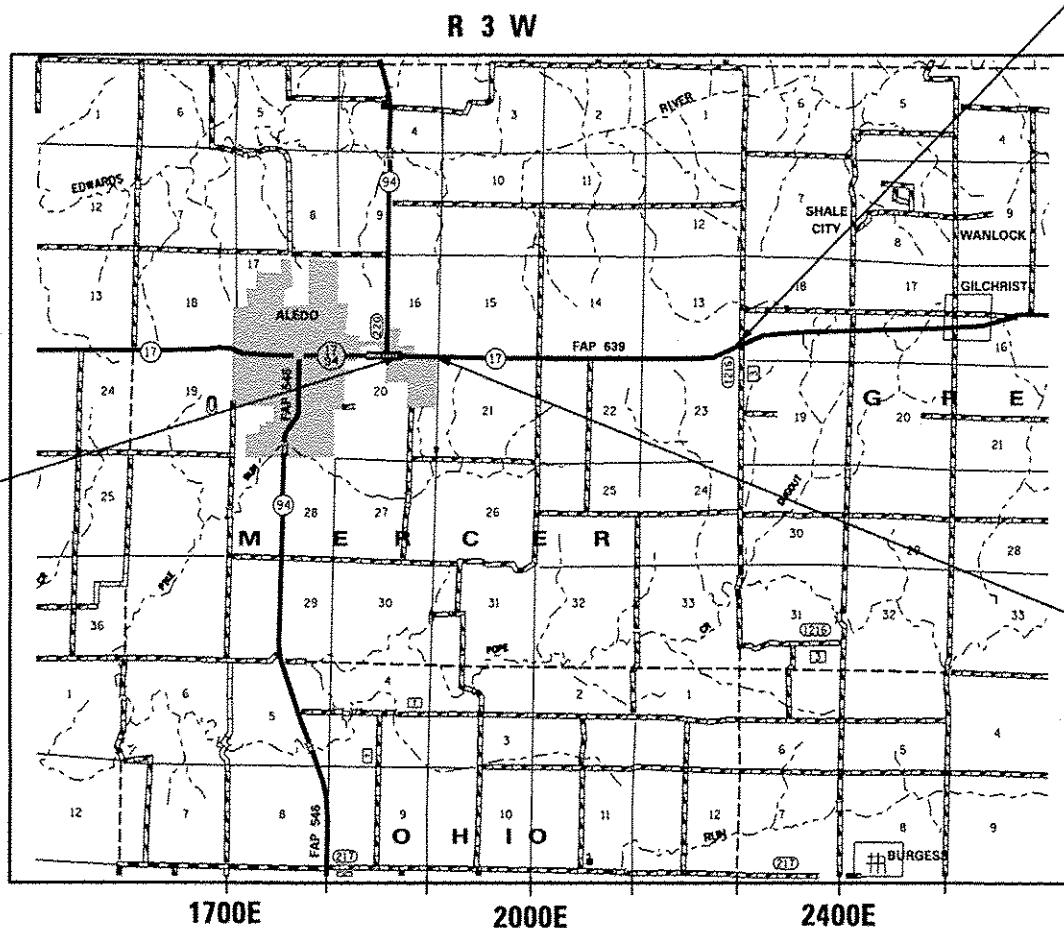
J.U.L.I.E.  
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
 1-800-892-0123  
 OR 811

PROJECT ENGINEER: LEONEL CRESPO  
 PROJECT MANAGER: MIKE LEWIS  
 CATALOG NO. 035268-00D  
 CONTRACT NO. 68C60

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
**PROPOSED**  
**HIGHWAY PLANS**

FAP 639 ROUTE IL 17  
 SECTION 125RS-5  
 PROJECT ACSTP-0639(020)  
 RESURFACING  
 MERCER COUNTY

C-94-079-15



PROJECT ENDS  
 STA. 1005+30.00

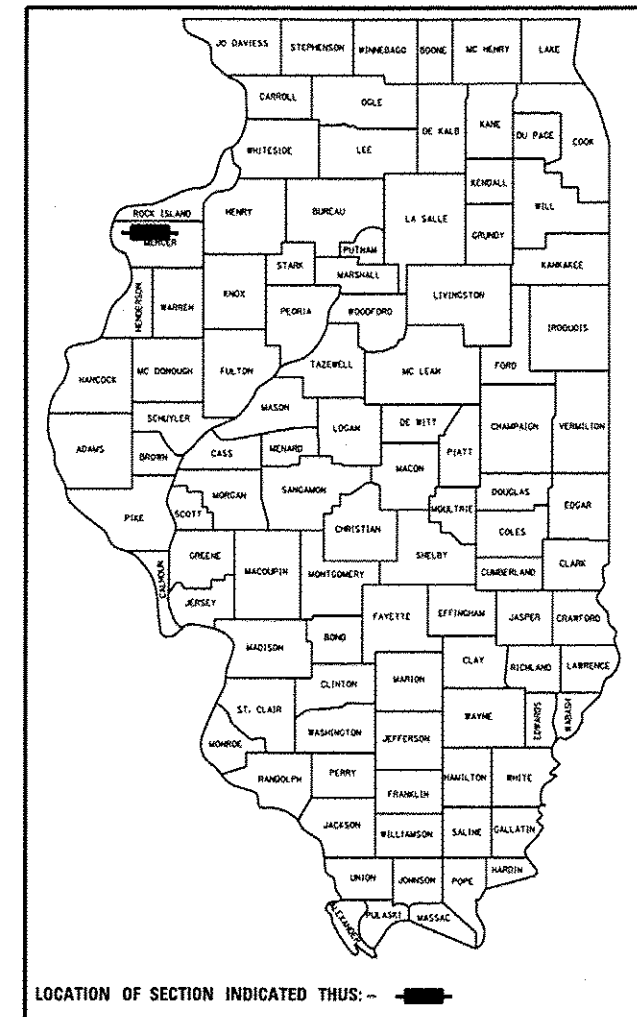
PROJECT BEGINS  
 STA. 827+20.34

STA. EQUATION  
 STA. 869+25.40 BK=  
 STA. 869+28.10 AH

GROSS LENGTH = 17,806.96 FT. = 3.37 MILE  
 NET LENGTH = 17,806.96 FT. = 3.37 MILE

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	1
ILLINOIS			CONTRACT NO. 68C60	

D-94-041-15



STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED 1/29 2016  
*Kenneth A. Garnett*  
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 18 2016  
*Maureen M. Addis, P.E.*  
 ENGINEER OF DESIGN AND ENVIRONMENT

March 18 2016  
*Omer Osman, P.E.*  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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**OF THE STATE OF ILLINOIS**

**COMMITMENTS**

No commitments have been made in this project.

**DESIGN CRITERIA**

This project was designed in accordance with 3P policies, procedures and guidelines.

**GENERAL NOTES**

**ENVIRONMENTAL REVIEWS**

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- \* BDE Form 2289 (Cultural and Natural Resources Review of Borrow Areas)
- \* BDE Form 2290 (Waste/Use Area Review)
- \* A location map showing the size limits and location of the use area
- \* Color photographs depicting the use area
- \* Borrow Area Entry Agreement form - D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications. Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites. Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

**PERMANENT SURVEY MARKER**

Contractor shall notify the Resident Engineer two weeks prior to any hot-mix asphalt surface removal to allow sufficient time to located existing survey markers.

**AGGREGATE WEDGE SHOULDER, TYPE B**

Aggregate (Description), Type B shall be required for all granular construction of side roads, entrances, and mailbox turnouts, whether or not portions of the surfaces thus constructed are to be covered with a bituminous surface, except where noted differently on the plans.

**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.

**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.

**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.

FILE NAME *	USER NAME * jonesmas	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES ILLINOIS ROUTE 17</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRFT\STDA\PLANS\EGUARD\13\100 Proj	2014\68C60-IL 17 Alena\68C60-Aerial.DGN	DRAWN -	REVISED -			639	125RS-5	MERCER	28	2
PLOT SCALE * 1/8"=1'-0"	CHECKED -	REVISED -				CONTRACT NO. 68C60				
Default	PLOT DATE * 1/29/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.

**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.

**ENGINEER'S FIELD OFFICE**

Add the following sentence to the end of paragraph 670.02 (i) and 670.04 (e):  
All of the telephone lines provided shall have unpublished numbers.

**NO PASSING ZONE VERIFICATION**

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

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

The following mixture requirements are applicable to this project:

Mixture Use(s):	Polymer Surface 1.5"	Polymer Level Binder 3/4"	Class D Patches	Shoulders (Surface Lift)
ACPG:	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
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 4.75	IL 19.0	IL 9.5FG
Friction Aggregate:	Mix E	N.A.	N.A.	Mix C
Quality Management Program:	QCP	QCQA	QCQA	QCQA

- Note:1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer.*  
 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y/in., unless otherwise noted.  
 3) Sublot sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

FILE NAME *	USER NAME = jonesros	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES ILLINOIS ROUTE 17</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRIFT\STD&PLANS\504032\Leo Pro...	cta\BSCGD-IL 17 A\Edo\BSCGD-A\m11.DGN	DRAWN -	REVISED -			639	125RS-5	MERCER	28	3
	PLOT SCALE = 1/28.8223' / in.	CHECKED -	REVISED -			CONTRACT NO. 68C60				
Default	PLOT DATE = 1/29/2010	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET	OF	SHEETS	STA. TO STA.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				0005
				MERCER CO. 80% FEDERAL 20% STATE
40600285	POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT)	POUND	87775	87775
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	2028	2028
40600982	HOT-MIX-ASPHALT SURFACE REMOVAL-BUTT JOINT	SOYD	580	580
40600990	TEMPORARY RAMP	SOYD	160	160
40603560	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50	TON	4138	4138
44000152	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SOYD	74227	74227
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SOYD	11852	11852
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SOYD	662	662
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SOYD	72	72
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SOYD	432	432
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	867	867
48203100	HOT-MIX ASPHALT SHOULDERS	TON	4870	4870
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3
67100100	MOBILIZATION	LSUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	LSUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	LSUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	5352	5352
70300220	TEMPORARY PAVEMENT MARKING-LINE 4"	FOOT	41254	41254
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	589	589
* 78009004	MODIFIED URETHANE PAVEMENT MARKING-LINE 4"	FOOT	41254	41254
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	221	221
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	165	165
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SOYD	989	989
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	35614	35614
Z0034105	MATERIAL TRANSFER DEVICE	TON	4138	4138
28 78300100	PAVEMENT MARKING REMOVAL	SQ FT	13,614	13,614

\* SPECIALTY ITEM

FILE NAME *	USER NAME * jonesra	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES ILLINOIS ROUTE 17</b>				F.A. RTE. 639	SECTION 125RS-5	COUNTY MERCER	TOTAL SHEETS 28	SHEET NO. 4
S:\GEN\DRAPT\STO&PLNS\SDUND\3\Lea Pro	cts\68C60-IL 17 Aleda\68C60-Header1.DGN	DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 68C60		
	PLOT SCALE * 1/20.0000' / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT								
Default	PLOT DATE * 1/27/2016	DATE -	REVISED -										

**TABULATION OF RESURFACING QUANTITIES**

LOCATION	EXISTING ROADWAY WIDTH	TOTAL ROADWAY WIDTH	LENGTH	AREA ROAD + SHOULDER	H.M.A. SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	H.M.A. SURFACE REMOVAL 2 IN	H.M.A. SURFACE REMOVAL 0.75 IN	POLY. BIT. MATERIALS PRIME COAT	POLY.LEVELING BINDER (MM) IL 4.75 N50 0.75 IN	POLY. H.M.A. SURF CSE MIX E, N50 IL 9.5, 1.5 IN	LONGITUDINAL JOINT SEALANT	HOT-MIX ASPHALT SHOULDERS		AGGREGATE WEDGE SHOULDER TYPE B		HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL								
													LEFT SIDE	RIGHT SIDE	LEFT SIDE	RIGHT SIDE									
													TON	TON	TON	TON									
STA. 827 + 20.34 TO 827 + 50.34	26.99	31.81	30.00	106.03	106.03	13.33			120.81	3.78	7.70	30.00		2.14		0.73	1.67								
STA. 827 + 50.34 TO 827 + 69.28	26.24	31.97	18.94	67.28			67.28		75.91	2.32	4.73	18.94		1.62			1.05								
STA. 827 + 69.28 TO 828 + 88.50	24.95	41.95	119.22	555.70			555.70		576.76	13.88	28.32	119.22	16.85	15.18	3.11	1.57	6.62								
STA. 828 + 88.50 TO 829 + 68.42	24.00	33.00	79.92	293.04			293.04		319.68	8.95	18.28	79.92		10.17		1.30	4.44								
STA. 829 + 68.42 TO 830 + 40.14	24.00	43.00	71.72	342.66			342.66		350.63	8.03	16.40	71.72	10.13	9.13	1.87	0.91	3.98								
STA. 830 + 40.14 TO 832 + 09.89	24.00	34.00	169.75	641.28			641.28		694.09	19.01	38.82	169.75	0.22		3.38		9.43								
STA. 832 + 09.89 TO 832 + 45.89	24.00	43.00	36.00	172.00			172.00		176.00	4.03	8.23	36.00	5.09	4.58	0.94	0.94	2.00								
STA. 832 + 45.89 TO 833 + 30.23	24.00	33.00	84.34	309.25			309.25		337.36	9.45	19.29	84.34		10.74		2.20	4.69								
STA. 833 + 30.23 TO 834 + 98.69	24.00	43.00	168.46	804.86			804.86		823.58	18.87	38.52	168.46	23.81	21.45	4.40	3.44	9.36								
STA. 834 + 98.69 TO 835 + 59.87	24.00	33.00	61.18	224.33			224.33		244.72	6.85	13.99	61.18		7.79		1.21	3.40								
STA. 835 + 59.87 TO 836 + 23.75	24.00	43.00	63.88	305.20			305.20		312.30	7.15	14.61	63.88	9.03	8.13	1.67	1.67	3.55								
STA. 836 + 23.75 TO 836 + 83.33	24.00	33.00	59.58	218.46			218.46		238.32	6.67	13.62	59.58		7.59		0.43	3.31								
STA. 836 + 83.33 TO 838 + 80.56	24.00	43.00	197.23	942.32			942.32		964.24	22.09	45.10	197.23	27.87	25.11	5.15	4.40	10.96								
STA. 838 + 80.56 TO 840 + 28.24	24.00	33.00	147.68	541.49			541.49		590.72	16.54	33.77	147.68		18.80		3.38	8.20								
STA. 840 + 28.24 TO 852 + 94.25	24.00	43.00	1266.01	6048.71			6048.71		6189.38	141.79	289.49	1266.01	178.90	161.18	28.66	30.28	70.33								
STA. 852 + 94.25 TO 853 + 68.58	24.00	34.00	74.33	280.80			280.80		303.93	8.32	17.00	74.33	9.92		1.94		4.13								
STA. 853 + 68.58 TO 853 + 78.58	24.00	44.00	10.00	48.89	48.89	13.33			49.78	1.12	2.29	10.00	1.41	1.41	0.26	0.26	0.56								
STA. 853 + 78.58 TO 869 + 25.40	24.00	44.00	1546.82	7562.23				7562.23	7699.73	173.24	353.71	1546.82	218.59	218.59	38.50	40.37	85.93								
Sta. Eq. 869+25.40 (BK) = 869+28.10 (AH)																									
STA. 869 + 28.10 TO 1005 + 00.00	24.00	44.00	13571.90	66351.51				66351.51	67557.90	1520.05	3103.44	13571.90	1917.88	1917.88	342.51	339.95	753.99								
STA. 1005 + 00.00 TO 1005 + 30.00	24.00	44.00	30.00	146.67	146.67	13.33			149.33	3.36	6.86	30.00	4.24	4.24	0.78	0.78	1.67								
<b>SIDE ROADS</b>																									
Rt. S.E. 19th Ave. (Sta. 831 + 27.39)						13.33																			
Lt. 187th St. (Sta. 831 + 49.94)						13.33				2.87	5.74														
Rt. S.E. 5th Ave. (Sta. 847 + 34.71)					29.45	13.33	56.78			3.62	7.24														
Rt. S.E. 5th Ave. (Sta. 851 + 44.18)					64.55	13.33	47.94			4.72	9.43														
Rt. 200th St. (Sta. 897 + 75.24)					65.86	13.33		106.00		7.22	14.43														
Rt. 200th St. (Sta. 897 + 73.04)					50.74	13.33		78.59		5.42	10.84														
Rt. 205th St. (Sta. 924 + 25.95)					67.62	13.33		128.31		8.23	16.45														
Rt. 220th St. (Sta. 1004 + 21.77)						13.33																			
Lt. 220th St. (Sta. 1004 + 20.52)						13.33																			
<b>SUB-TOTAL</b>																									
<b>2 - APPLICATIONS</b>																									
<b>GRAND-TOTAL</b>																									
													17,807												
													35,614												
													580	160	11,852	74,227	87,775	2,028	4,138	35,614	2,424	2,446	433	434	989
													<b>TOTAL</b>		4,870	<b>TOTAL</b>		867							

FOR INFORMATION ONLY

LONGITUDINAL JOINT SEALANT		TOTAL POUNDS BY APPLICATION
1 APPLICATION	18" WIDE	26,176
2 APPLICATION	18" WIDE	26,176
RATE:		1.47 lb /ft

PRIME COAT CONVERSION FACTORS	
SURFACE TYPE	BITUMINOUS PRIME COAT (GAL/SQYD)
COLD MILLED SURFACES	0.1
EXISTING PAVEMENT	0.05

BITUMINOUS & AGGREGATE CONVERSION FACTORS	
SURFACE TYPE	
BITUMINOUS SURFACE COURSES	112 LB/SQYD/IN
ALL OTHER BIT.	112 LB/SQYD/IN
AGGREGATE SHOULDERS	2.05 TONS/CUYD

CLASS D PATCHES				
EASTBOUND LOCATION STA. TO STA.	NO. OF PATCHES	TYPE 2 SQ.YD.	TYPE 3 SQ.YD.	TYPE 4 SQ.YD.
STA. 827+20 TO STA. 850+00	23	281.4		
	6			256.2
*STA. 850+00 TO STA. 869+25.40	11	118.4		
STA. 869+28.10 TO STA. 910+00	1		24.0	
STA. 910+00 TO STA. 1005+30	6	73.6		
	1		24.0	
SUB-TOTALS		473.4	48.0	256.2

CLASS D PATCHES				
WESTBOUND LOCATION STA. TO STA.	NO. OF PATCHES	TYPE 2 SQ.YD.	TYPE 3 SQ.YD.	TYPE 4 SQ.YD.
STA. 827+20 TO STA. 850+00	8	86.4		
	4			176.2
*STA. 850+00 TO STA. 869+25.40	8	86.4		
STA. 869+28.10 TO STA. 910+00	1		24.0	
STA. 910+00 TO STA. 1005+30	1	16.0		
SUB-TOTALS		188.8	24.0	176.2
GRAND TOTAL		662.2	72.0	432.4

MATERIAL TRANSFER DEVICE	
STA. TO STA.	TON
*STA. 827+20.34 TO STA. 869+25.40	4,138
STA. 869+28.10 TO STA. 1005+30.00	
TOTAL	4,138

SHORT TERM PAVEMENT MARKING	
STA. TO STA.	LENGTH(FT.)
*STA. 827+20.34 TO STA. 869+25.40	1,784
STA. 869+28.10 TO STA. 1005+30.00	
TOTAL (3 Applications)	5,352

ENGINEER'S FIELD OFFICE, TYPE A	
STA. TO STA.	CAL MO
JOBSITE	3
TOTAL	3

PAVEMENT MARKING REMOVAL	
STA. TO STA.	AREA(SQ.FT.)
*STA. 827+20.34 TO STA. 869+25.40	13,614
STA. 869+28.10 TO STA. 1005+30.00	
TOTAL	13,614

TRAFFIC CONTROL AND PROTECTION, STANDARD 701201		
LOCATION	UNIT	QTY.
JOBSITE	L. SUM	1
TOTAL=		1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701306		
LOCATION	UNIT	QTY.
JOBSITE	L. SUM	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701336		
LOCATION	UNIT	QTY.
JOBSITE	L. SUM	1
TOTAL=		1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701501		
LOCATION	UNIT	QTY.
JOBSITE	L. SUM	1
TOTAL=		1

CONSTRUCTION STATION LAYOUT	
STA. TO STA.	L SUM
JOBSITE	1
TOTAL	1

RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	
STA. TO STA.	EACH
*STA. 828+27.54 TO STA. 869+25.40	165
STA. 869+28.10 TO STA. 1005+30.00	
TOTAL	165

RAISED REFLECTIVE PAVEMENT MARKER	
STA. TO STA.	EACH
*STA. 828+27.54 TO STA. 869+25.40	221
STA. 869+28.10 TO STA. 1005+30.00	
TOTAL	221

MOBILIZATION		
LOCATION	UNIT	QTY.
JOBSITE	L. SUM	1
TOTAL		1

SHORT TERM PAVEMENT MARKING REMOVAL	
STA. TO STA.	SQFT
*STA. 827+20.34 TO STA. 869+25.40	589
STA. 869+28.10 TO STA. 1005+30.00	
TOTAL	589

TEMPORARY PAVEMENT MARKING-LINE 4"					
DESCRIPTION	STATION	WHITE 4" (FOOT)	DOUBLE YELLOW 4" (FOOT)	SOLID LINE-YELLOW 4" (FOOT)	SKIP DASH-YELLOW 4" (FOOT)
EDGE OF PAVEMENT	*STA. 827+20.34 TO STA. 869+25.40 STA. 869+28.10 TO 1005+30.00	35,614			
MEDIAN	STA. 827+20.34 TO STA. 828+27.54		429		
NO PASSING ZONE	STA. 828+27.54 TO STA. 836+08.62			781	200
CENTER LINE	*STA. 836+08.62 TO STA. 869+25.40 STA. 869+28.10 TO STA. 1005+30.00				4,230
SUB-TOTALS =		35,614	429	781	4,430
TOTAL =					41,254

MODIFIED URETHANE PAVEMENT MARKING-LINE 4"					
DESCRIPTION	STATION	WHITE 4" (FOOT)	DOUBLE YELLOW 4" (FOOT)	SOLID LINE-YELLOW 4" (FOOT)	SKIP DASH-YELLOW 4" (FOOT)
EDGE OF PAVEMENT	*STA. 827+20.34 TO STA. 869+25.40 STA. 869+28.10 TO 1005+30.00	35,614			
MEDIAN	STA. 827+20.34 TO STA. 828+27.54		429		
NO PASSING ZONE	STA. 828+27.54 TO STA. 836+08.62			781	200
CENTER LINE	*STA. 836+08.62 TO STA. 869+25.40 STA. 869+28.10 TO STA. 1005+30.00				4,230
SUB-TOTALS		35,614	429	781	4,430
TOTAL =					41,254

NOTE: \*STATION EQUATION: STA 869+25.40 (BK) = STA. 869+28.10 (AH)

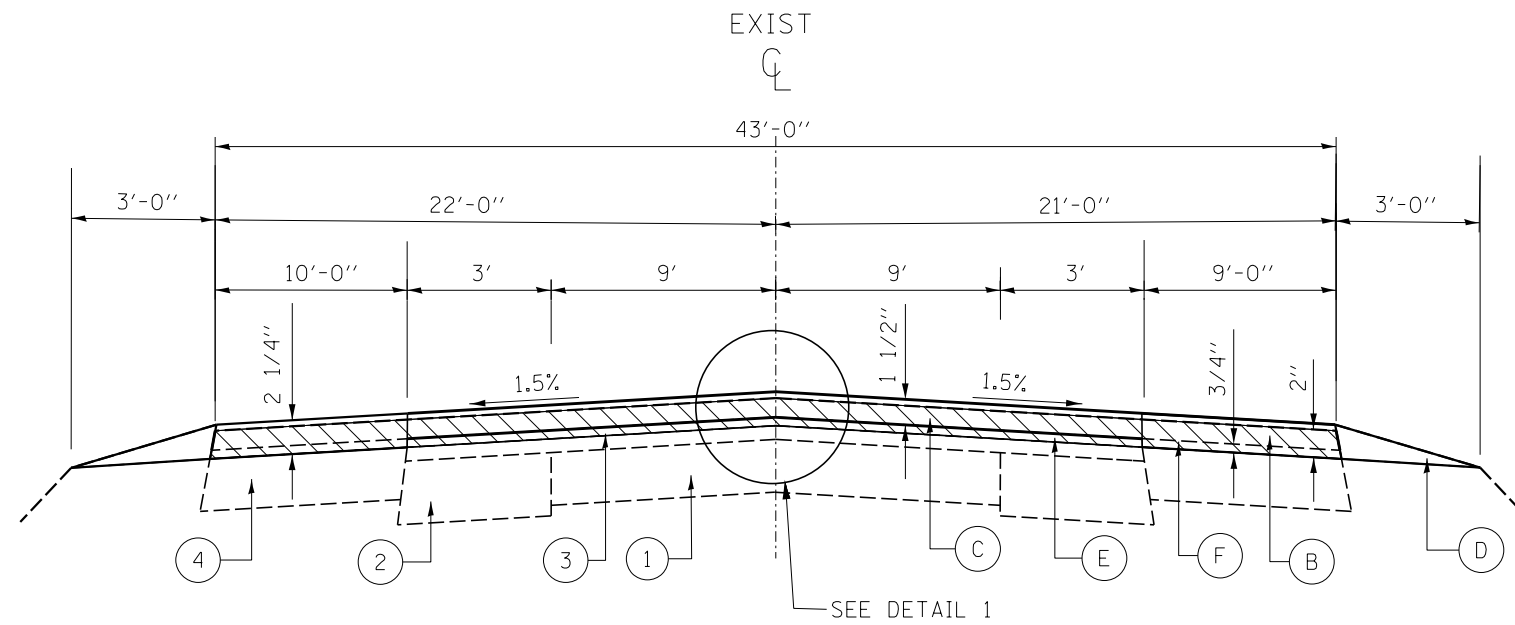
LEGEND:

EXISTING:

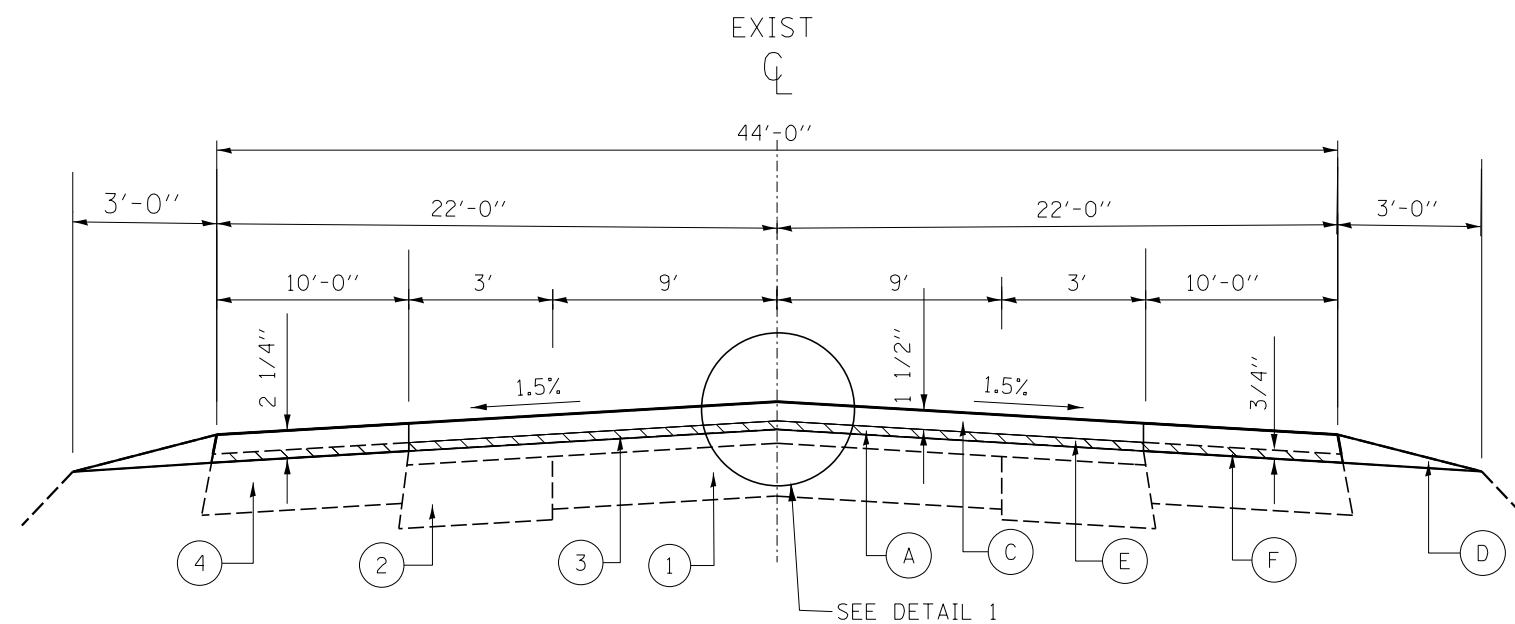
- ① P.C.C. PAVEMENT
- ② BITUMINOUS BASE COURSE WIDENING
- ③ HOT-MIX ASPHALT OVERLAY, 5"
- ④ ASPHALT SHOULDERS, 8" WITH AGGREGATE WEDGE & A-1 SHOULDER TREATMENT

PROPOSED:

- Ⓐ HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
- Ⓑ HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- Ⓒ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50, 1 1/2"
- Ⓓ AGGREGATE WEDGE SHOULDER, TYPE B
- Ⓔ POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- Ⓕ HOT-MIX ASPHALT SHOULDERS

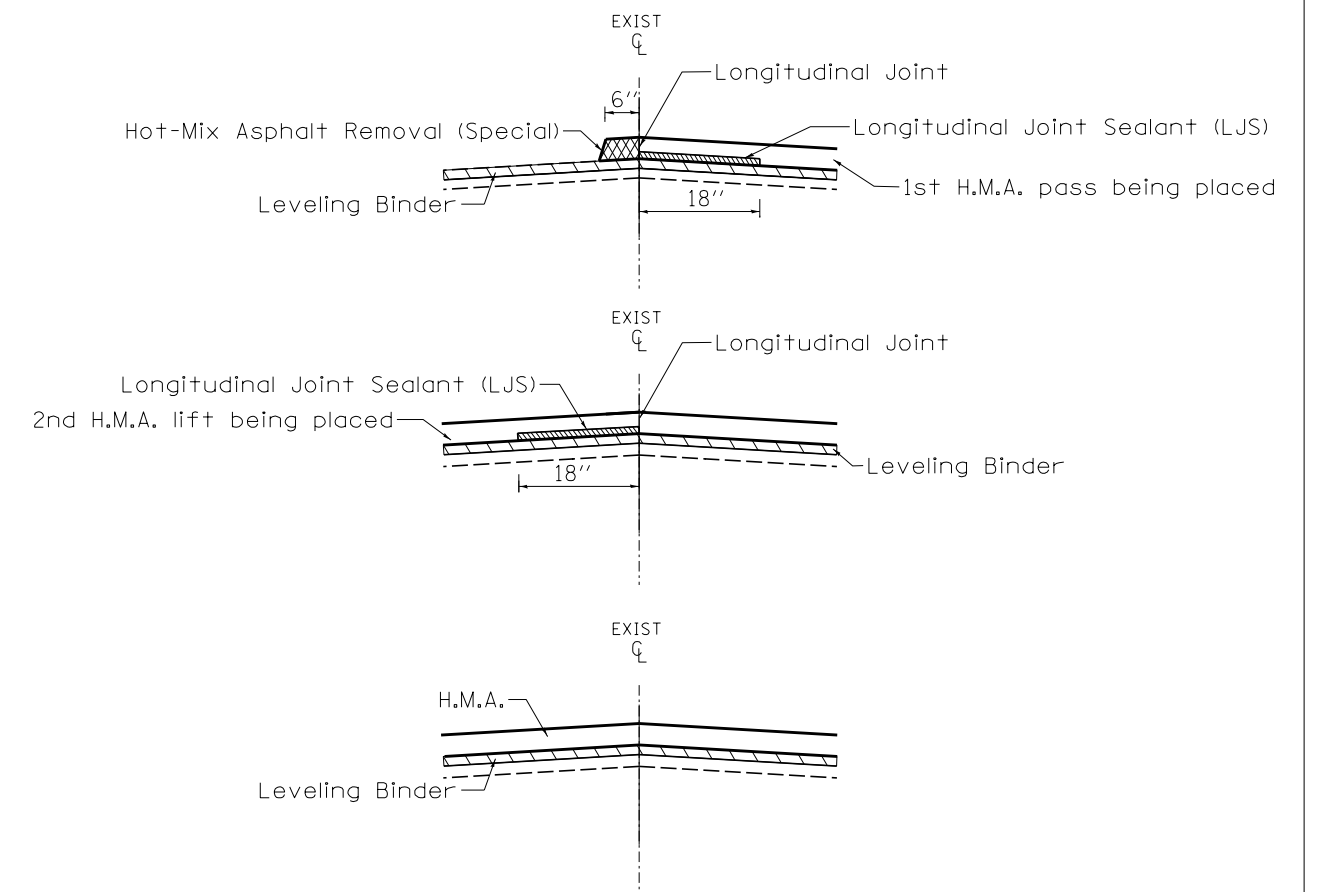


STA. 827+20.34 TO STA. 853+78.58  
(IN TOWN LOCATION)



STA. 853+78.58 TO STA. 1005+30.00  
STA. EQUATION = 869+25.40 (BK) = 869+28.10 (AH)  
(OUTSIDE OF TOWN LOCATION)

DETAIL 1



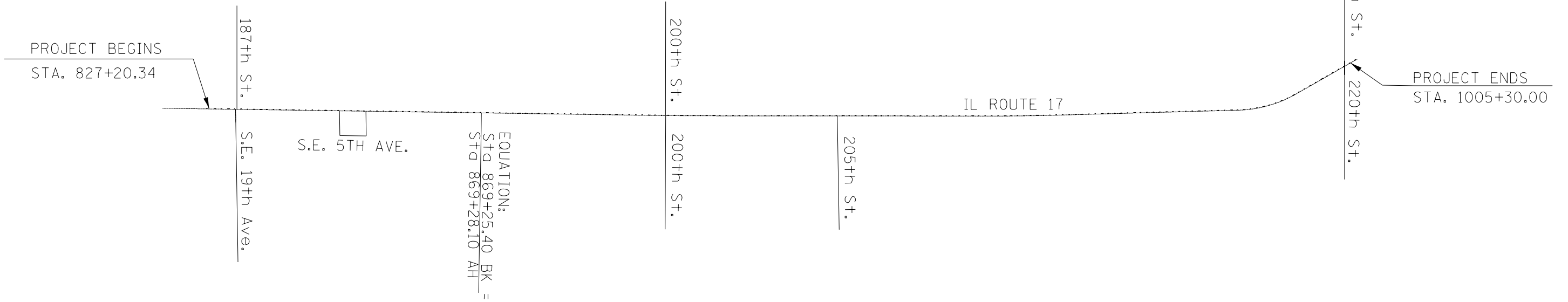
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Default	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 1/29/2016	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
ILLINOIS ROUTE 17

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	7
CONTRACT NO. 68C60				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -
S:\GEN\DRAWING\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60-Aerial.DGN		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2016	DATE -	REVISED -

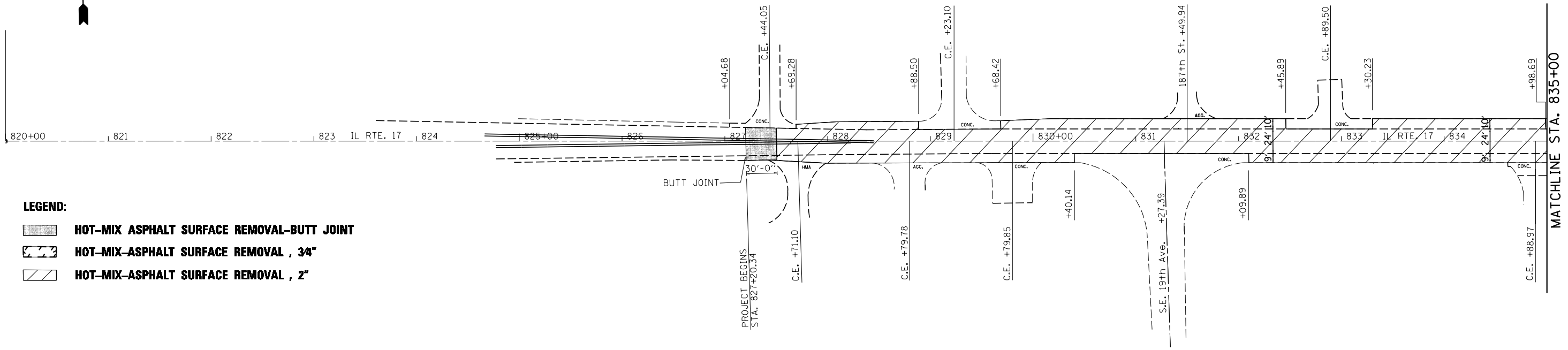
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 17  
LINE DIAGRAM**

SCALE: SHEET OF SHEETS STA. TO STA.

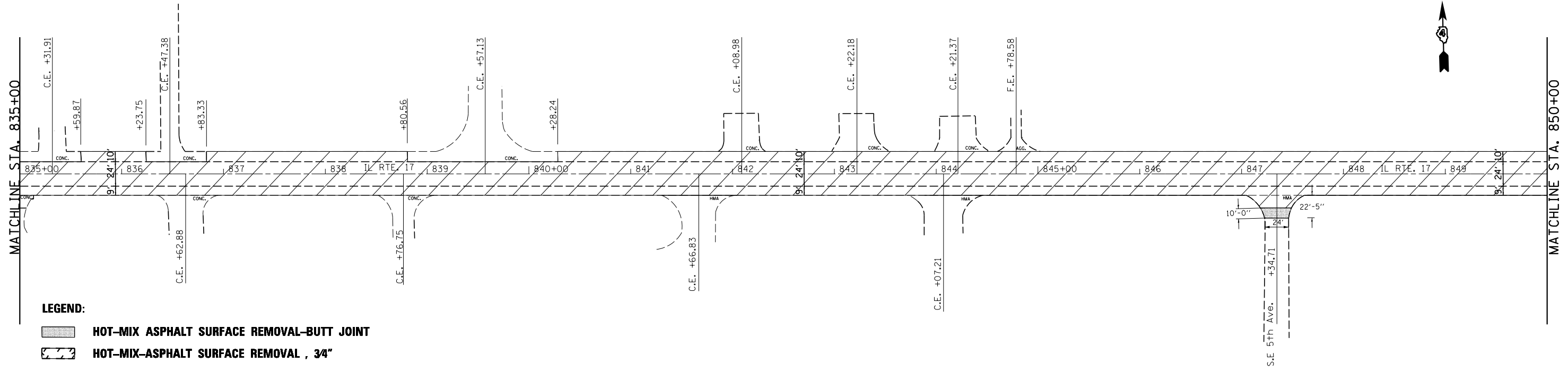
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	8
CONTRACT NO. 68C60				
ILLINOIS FED. AID PROJECT				





**LEGEND:**

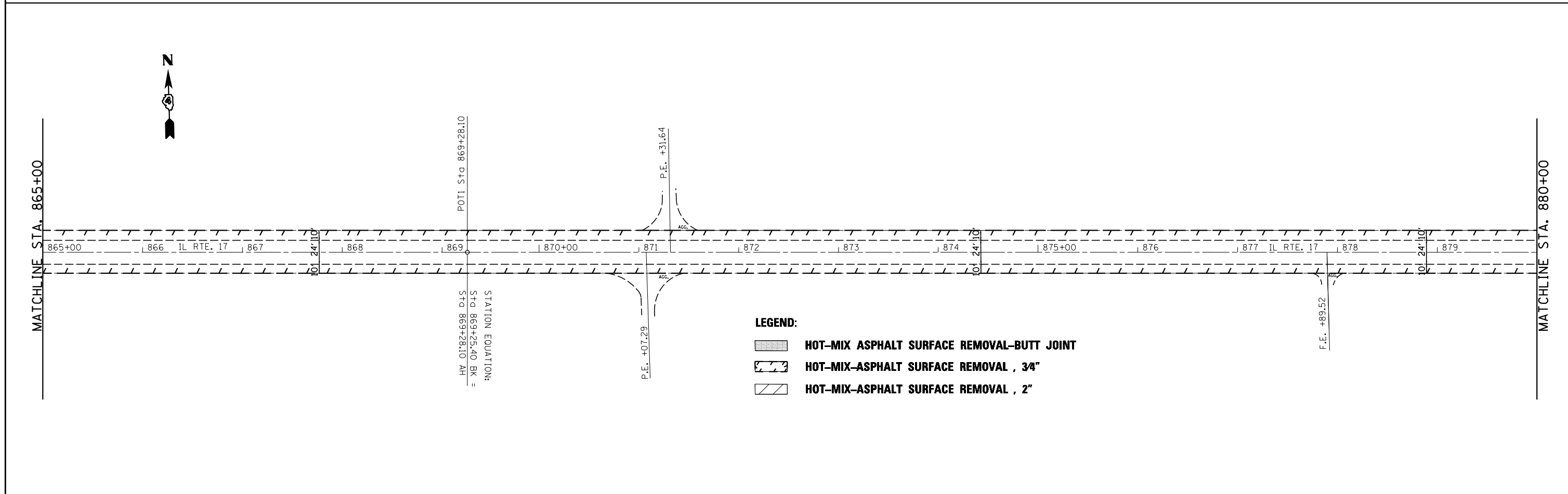
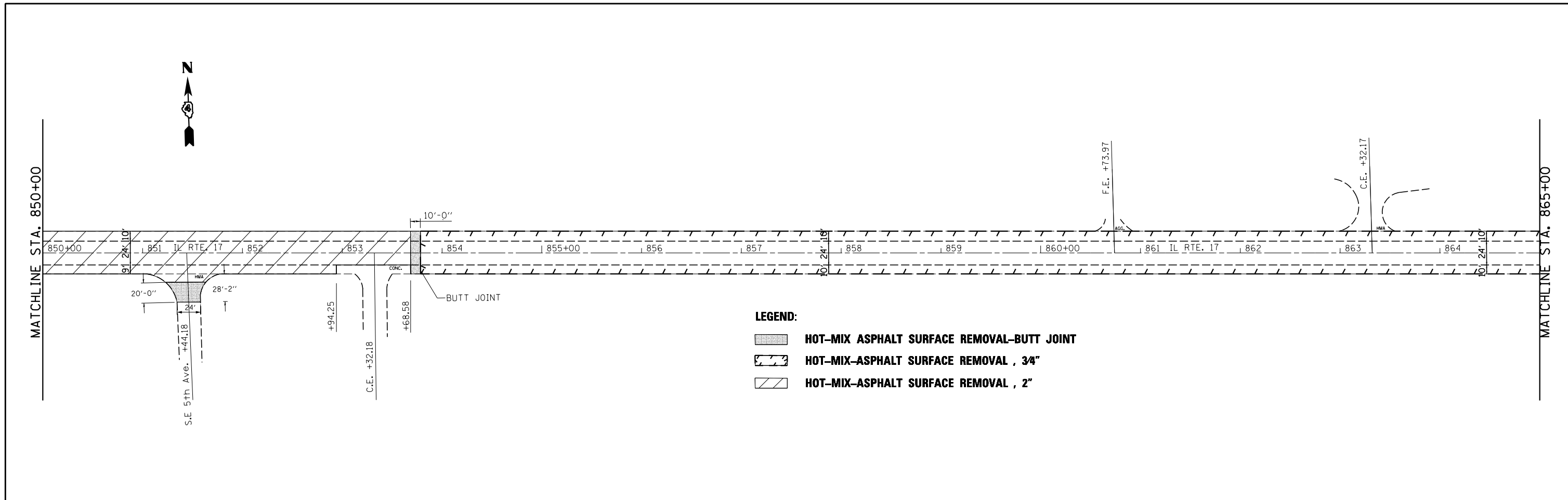
- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 3/4"**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 2"**



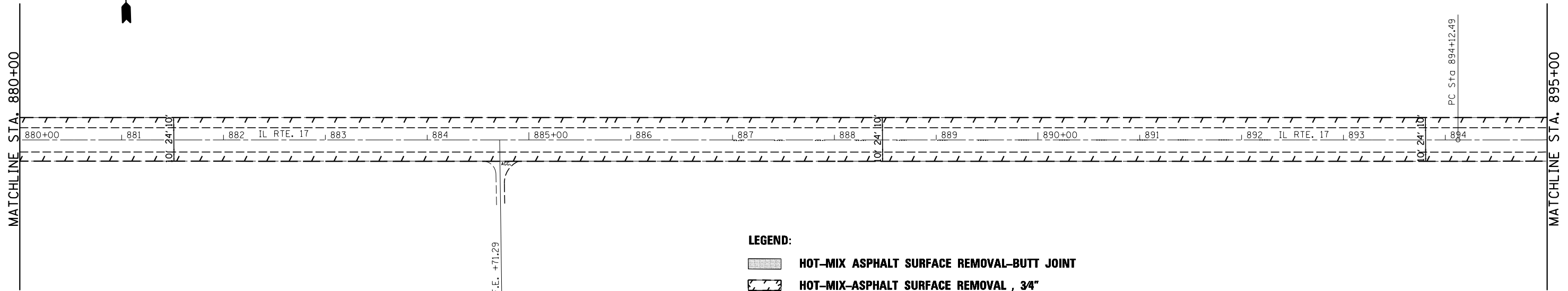
**LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 3/4"**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 2"**

FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS ILLINOIS ROUTE 17</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	639	125RS-5	MERCER	28	9
		CHECKED -	REVISED -									CONTRACT NO. 68C60				
ESR Special Waste	PLOT DATE = 1/29/2016	DATE -	REVISED -									ILLINOIS FED. AID PROJECT				

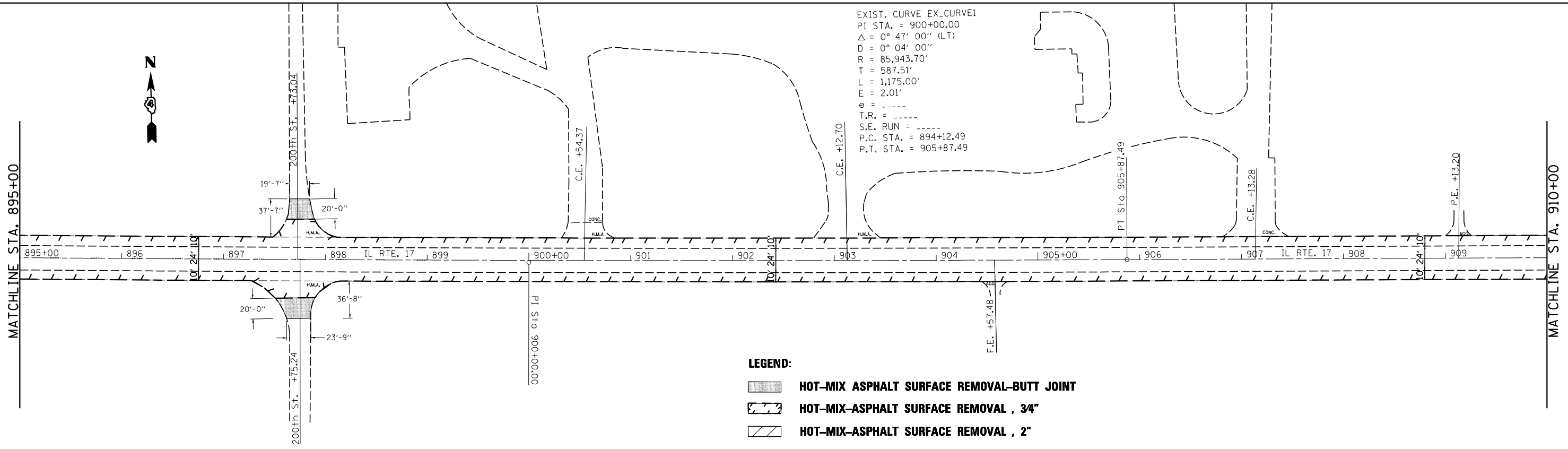


FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REMOVAL PLANS ILLINOIS ROUTE 17</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRAWING\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60-REMOVAL-SHT.dwg		DRAWN -	REVISED -						639	125RS-5	MERCER	28	10
ESR Special Waste	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 68C60				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 1/29/2016	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



**LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 3/4"**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 2"**



**LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 3/4"**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 2"**

FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -
S:\GEN\DRAW\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60-REMOVAL-SHT.dwg		DRAWN -	REVISED -
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ESR Special Waste	PLOT DATE = 1/29/2016	DATE -	REVISED -




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLANS ILLINOIS ROUTE 17</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

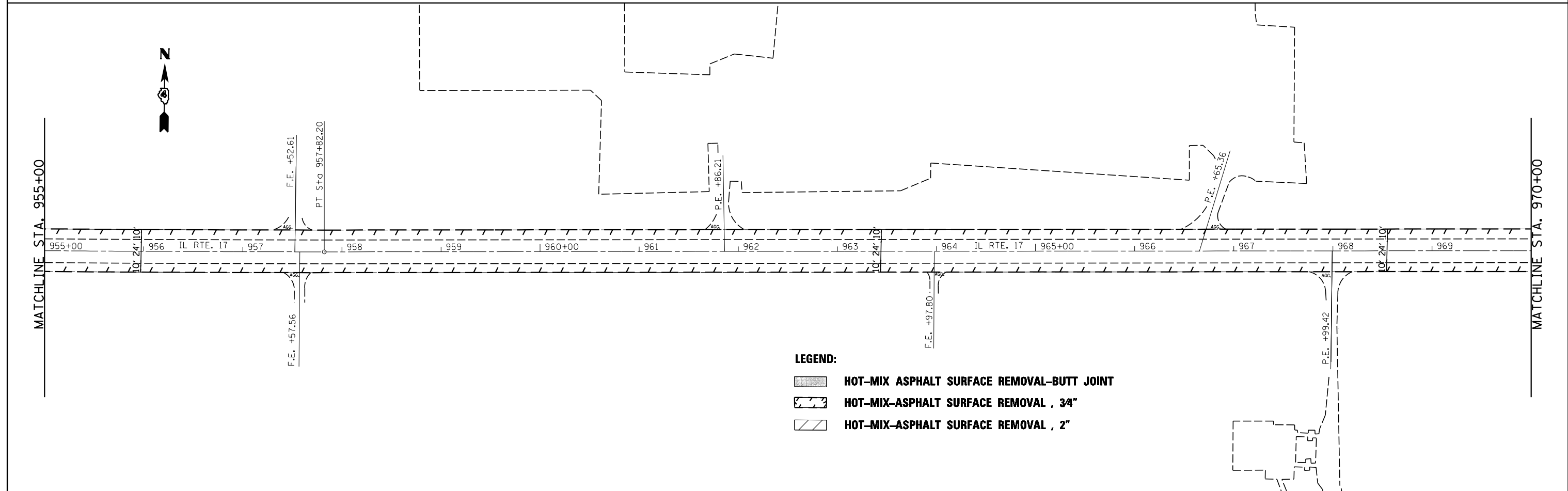
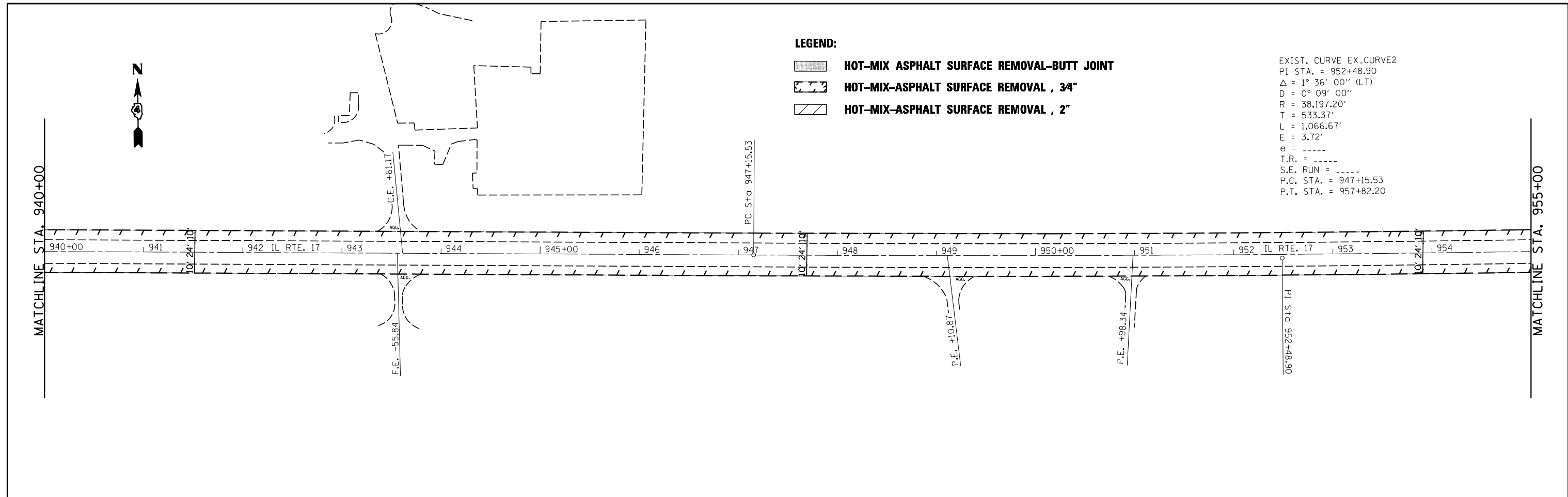
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	11
CONTRACT NO. 68C60				
ILLINOIS FED. AID PROJECT				






**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
-  HOT-MIX-ASPHALT SURFACE REMOVAL , 34"
-  HOT-MIX-ASPHALT SURFACE REMOVAL , 2"

EXIST. CURVE EX\_CURVE2  
 PI STA. = 952+48.90  
 $\Delta$  = 1° 36' 00" (LT)  
 D = 0° 09' 00"  
 R = 38,197.20'  
 T = 533.37'  
 L = 1,066.67'  
 E = 3.72'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 947+15.53  
 P.T. STA. = 957+82.20



**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
-  HOT-MIX-ASPHALT SURFACE REMOVAL , 34"
-  HOT-MIX-ASPHALT SURFACE REMOVAL , 2"

FILE NAME = S:\GEN\DRAWING\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60-REMOVAL-SHT.dwg	USER NAME = jonesros	DESIGNED -	REVISED -
ESR Special Waste	PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
	PLOT DATE = 1/29/2016	CHECKED -	REVISED -
		DATE -	REVISED -




**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

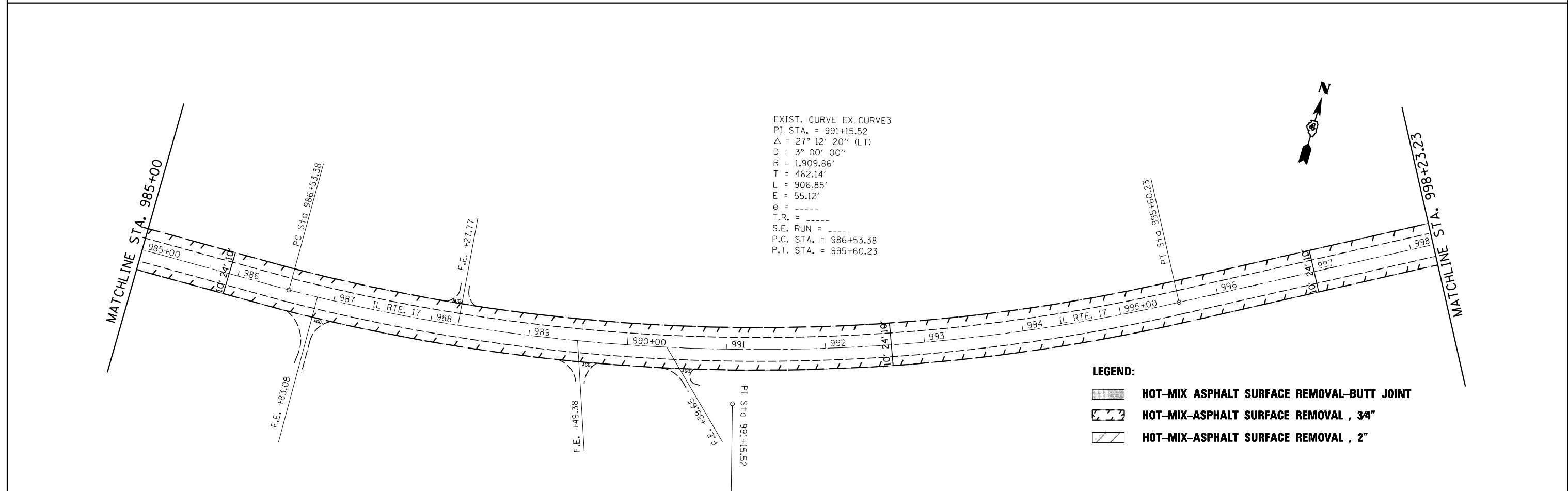
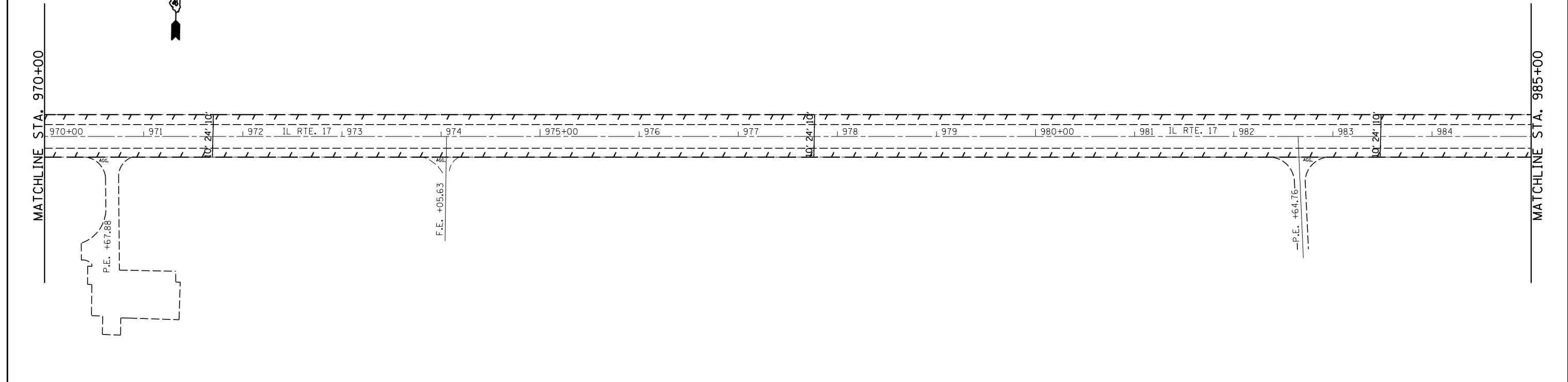
**REMOVAL PLANS  
ILLINOIS ROUTE 17**

SCALE: SHEET OF SHEETS STA. TO STA.




F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	13
CONTRACT NO. 68C60				
ILLINOIS FED. AID PROJECT				

**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
-  HOT-MIX-ASPHALT SURFACE REMOVAL , 3/4"
-  HOT-MIX-ASPHALT SURFACE REMOVAL , 2"



**LEGEND:**

-  HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT
-  HOT-MIX-ASPHALT SURFACE REMOVAL , 3/4"
-  HOT-MIX-ASPHALT SURFACE REMOVAL , 2"

FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
ESR Special Waste	PLOT DATE = 1/29/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**REMOVAL PLANS  
ILLINOIS ROUTE 17**

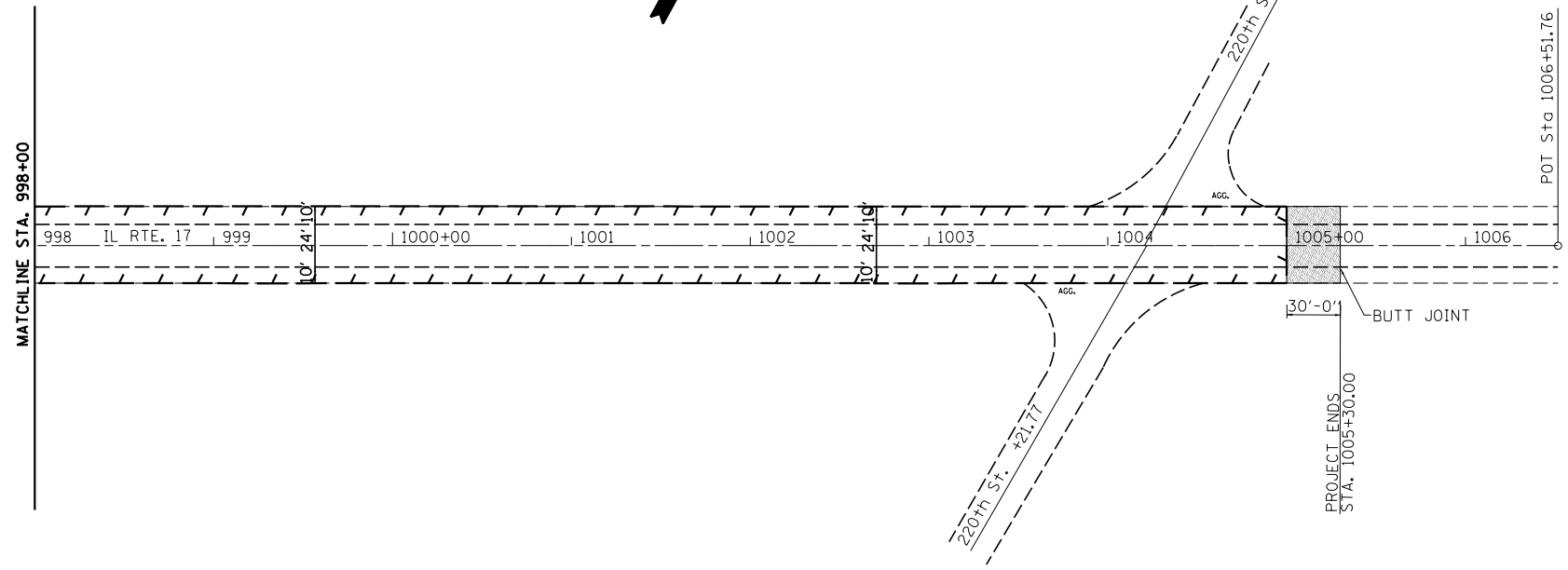
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	14
CONTRACT NO. 68C60				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- HOT-MIX ASPHALT SURFACE REMOVAL-BUTT JOINT**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 3"**
- HOT-MIX-ASPHALT SURFACE REMOVAL , 2"**

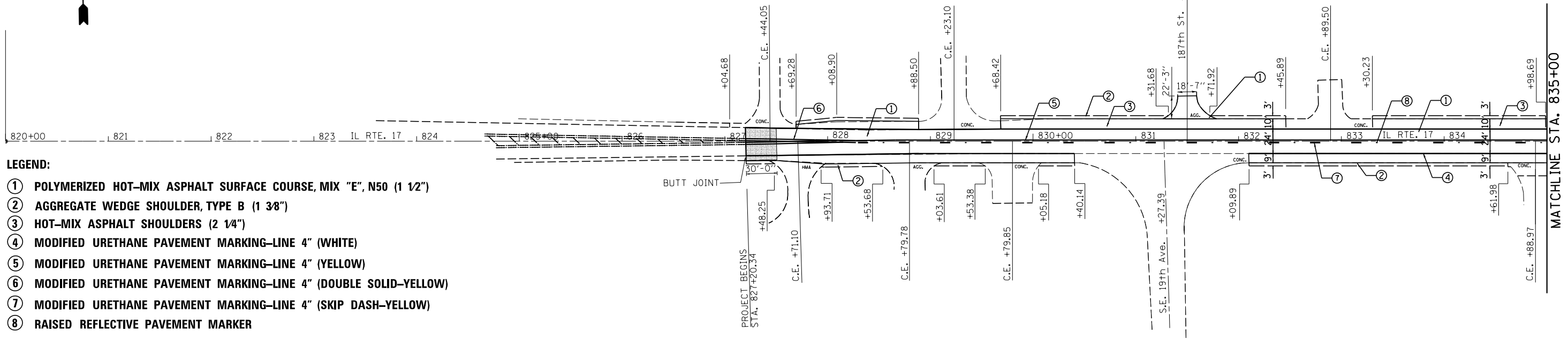


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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
ESR Special Waste	PLOT DATE = 1/29/2016	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>REMOVAL PLANS ILLINOIS ROUTE 17</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

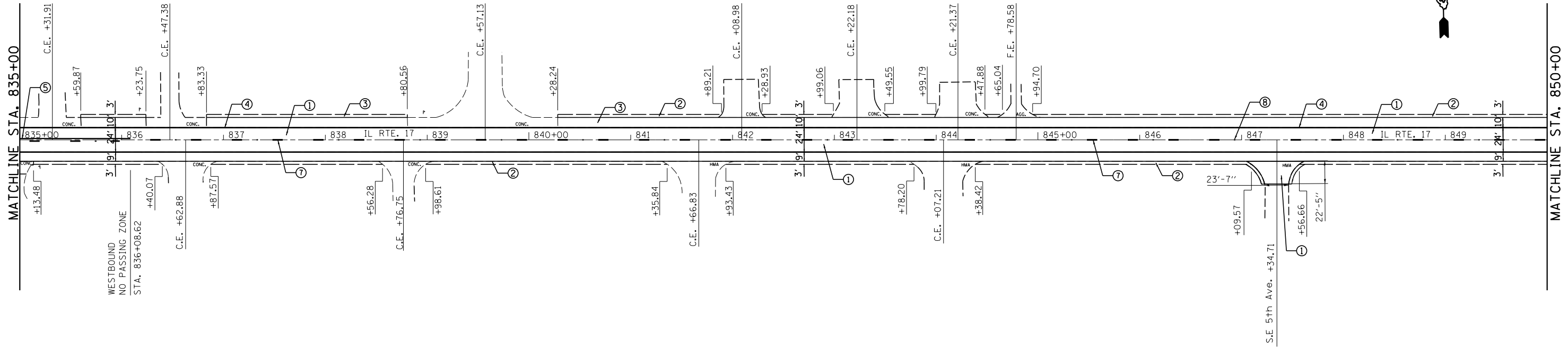
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	15
<b>CONTRACT NO. 68C60</b>				
ILLINOIS FED. AID PROJECT				



**LEGEND:**

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50 (1 1/2")
- ② AGGREGATE WEDGE SHOULDER, TYPE B (1 3/8")
- ③ HOT-MIX ASPHALT SHOULDERS (2 1/4")
- ④ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (YELLOW)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (DOUBLE SOLID-YELLOW)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (SKIP DASH-YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER

MATCHLINE STA. 835+00

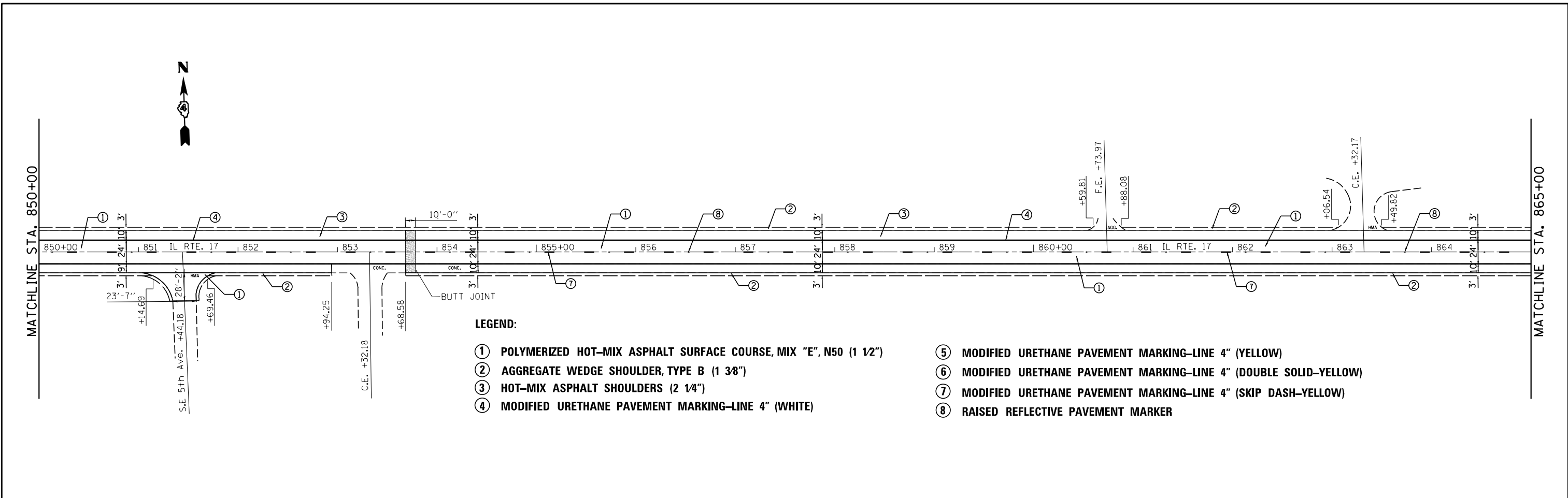


MATCHLINE STA. 835+00

MATCHLINE STA. 850+00

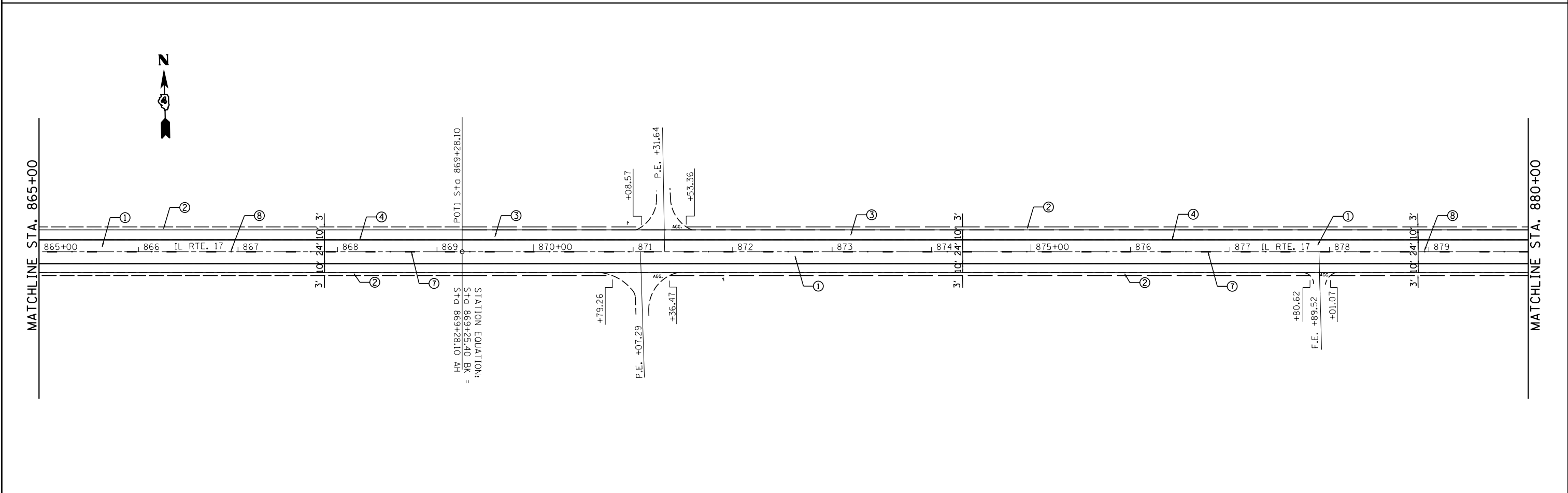
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -						SCALE: SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 68C60			
ESR Special Waste	PLOT DATE = 1/29/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT									



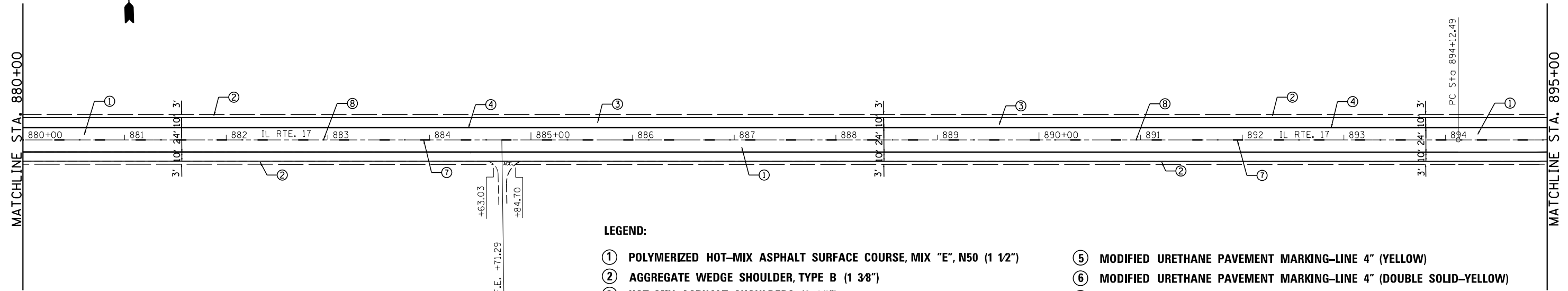


**LEGEND:**

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50 (1 1/2")
- ② AGGREGATE WEDGE SHOULDER, TYPE B (1 3/8")
- ③ HOT-MIX ASPHALT SHOULDERS (2 1/4")
- ④ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (YELLOW)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (DOUBLE SOLID-YELLOW)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (SKIP DASH-YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER

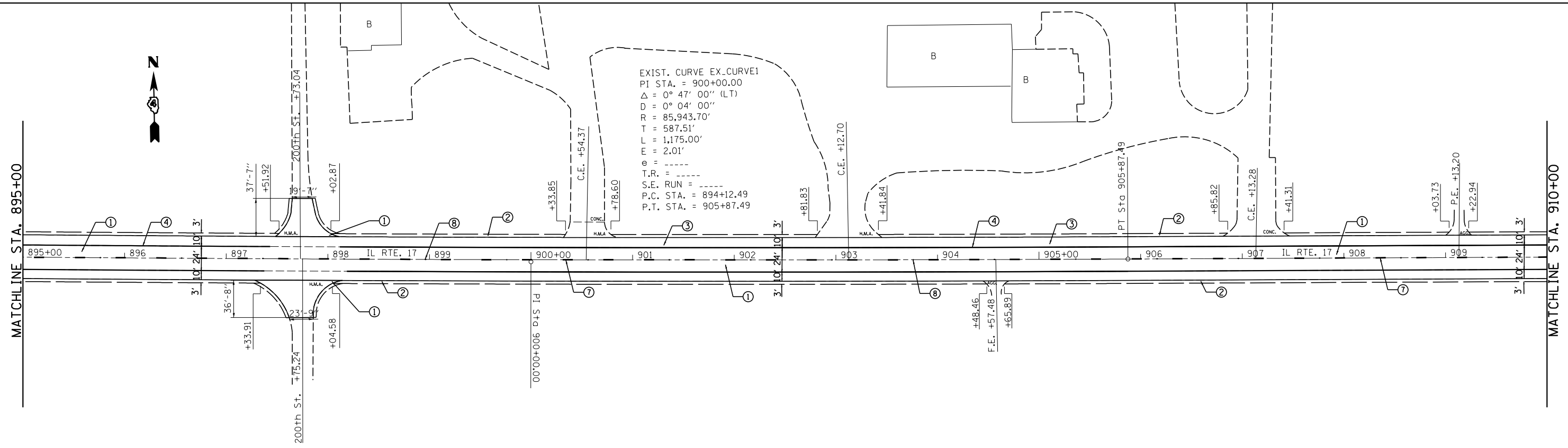


FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLANS &amp; PAVEMENT MARKING PLANS ILLINOIS ROUTE 17</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRAW\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60\PLNSH-PVMT MKG	DRAWN -	REVISED -	REVISED -						639	125RS-5	MERCER	28	17
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		<b>CONTRACT NO. 68C60</b>								
ESR Special Waste	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT								



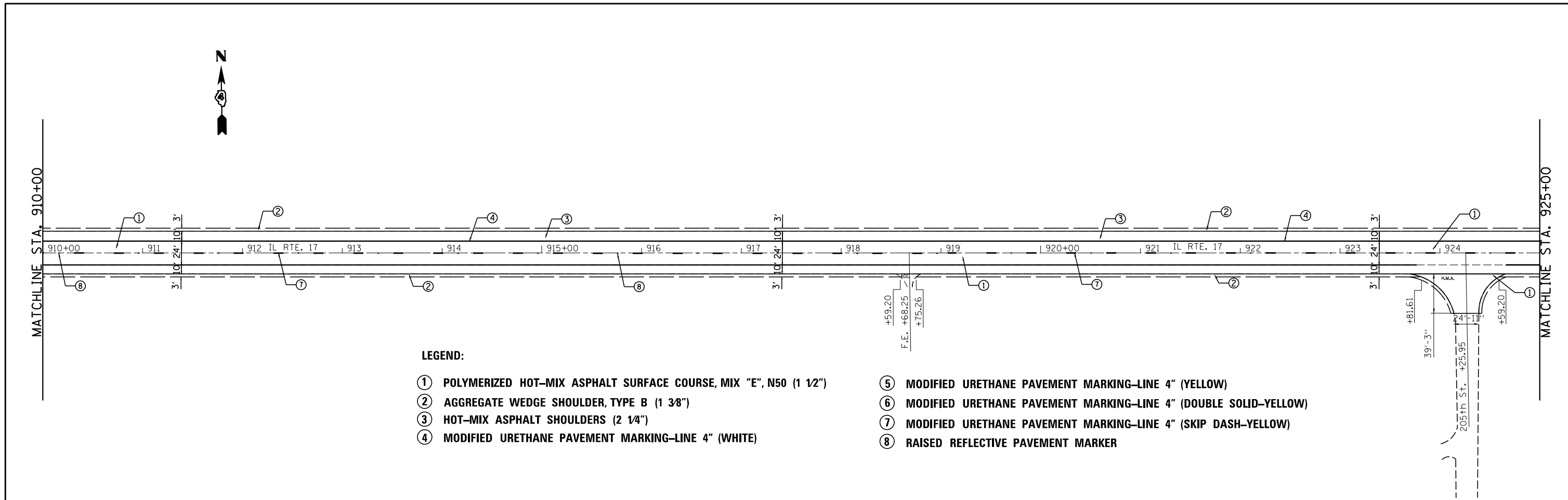
**LEGEND:**

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50 (1 1/2")
- ② AGGREGATE WEDGE SHOULDER, TYPE B (1 3/8")
- ③ HOT-MIX ASPHALT SHOULDERS (2 1/4")
- ④ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (YELLOW)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (DOUBLE SOLID-YELLOW)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (SKIP DASH-YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER



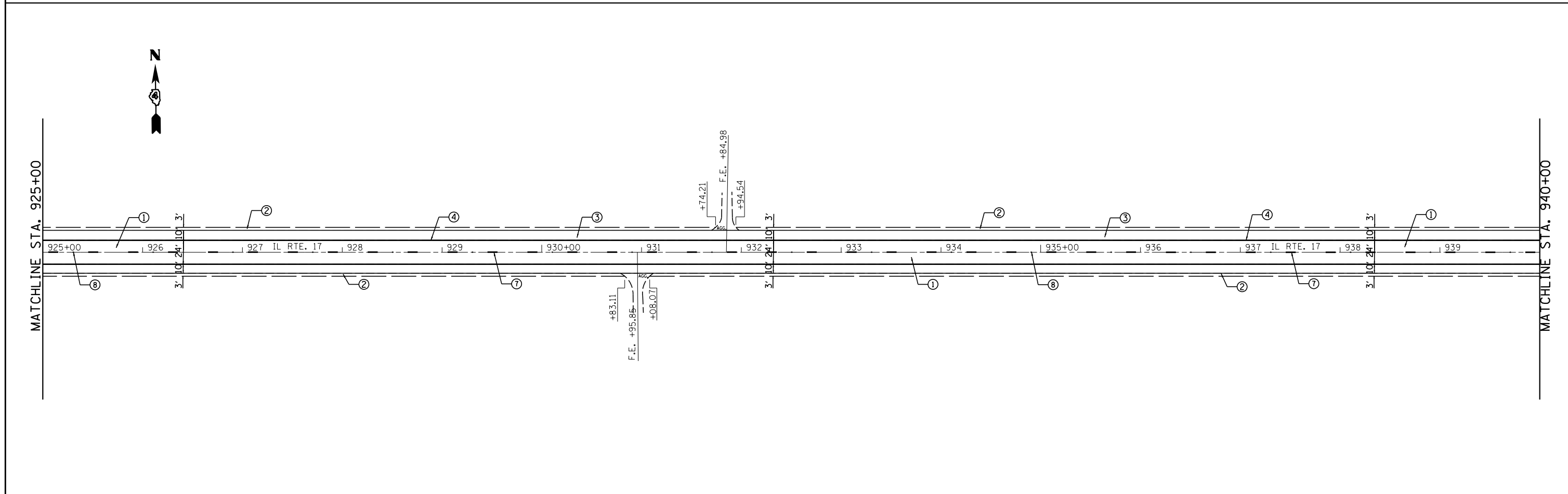
EXIST. CURVE EX\_CURVE1  
 PI STA. = 900+00.00  
 Δ = 0° 47' 00" (LT)  
 D = 0° 04' 00"  
 R = 85,943.70'  
 T = 587.51'  
 L = 1,175.00'  
 E = 2.01'  
 e = ---  
 T.R. = ---  
 S.E. RUN = ---  
 P.C. STA. = 894+12.49  
 P.T. STA. = 905+87.49

FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLANS &amp; PAVEMENT MARKING PLANS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRAW\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60\PLANS\PVMT MKG		DRAWN -	REVISED -		<b>ILLINOIS ROUTE 17</b>				639	125RS-5	MERCER	28	18
		CHECKED -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 68C60				
ESR Special Waste		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

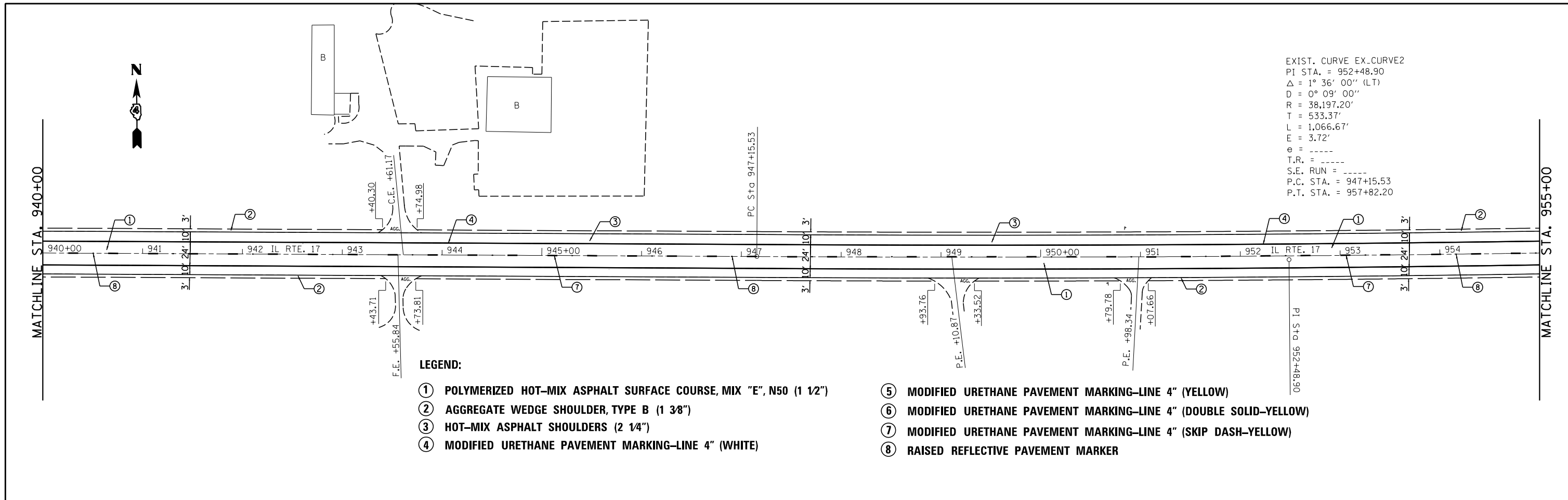


**LEGEND:**

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50 (1 1/2")
- ② AGGREGATE WEDGE SHOULDER, TYPE B (1 3/8")
- ③ HOT-MIX ASPHALT SHOULDERS (2 1/4")
- ④ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (YELLOW)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (DOUBLE SOLID-YELLOW)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (SKIP DASH-YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER



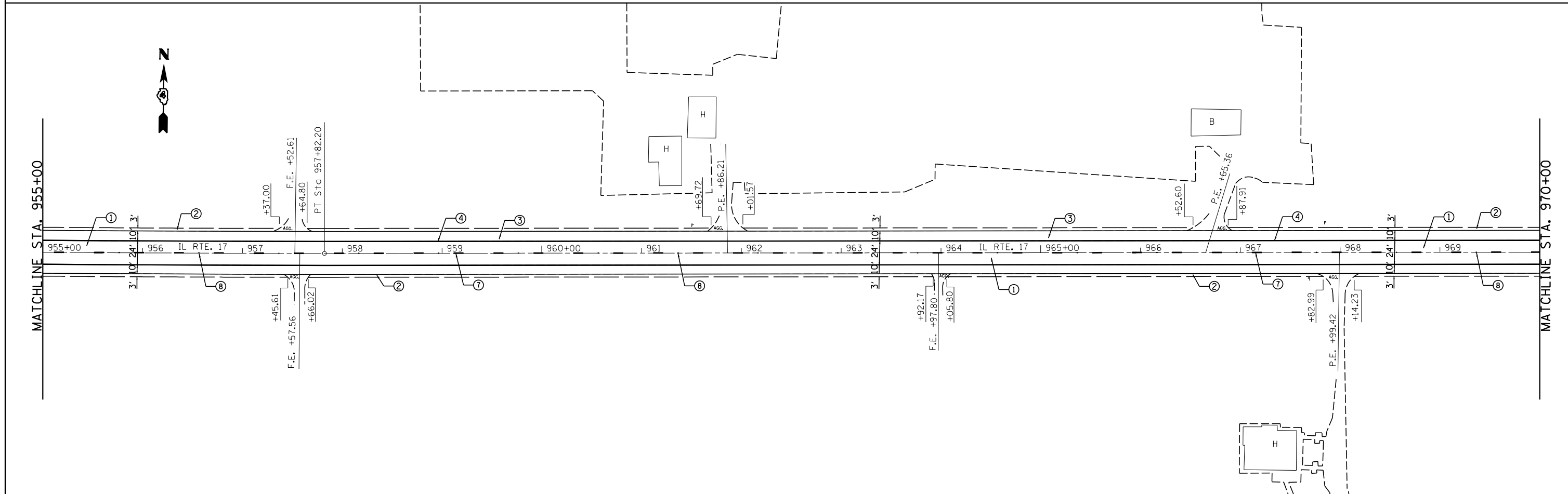
FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLANS &amp; PAVEMENT MARKING PLANS ILLINOIS ROUTE 17</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ESR Special Waste	Projects\68C60-IL 17 Aledo\68C60\PLANS-PVMT MKG	DRAWN -	REVISED -			639	125RS-5	MERCER	28	19	
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -			CONTRACT NO. 68C60					
	PLOT DATE = 1/29/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



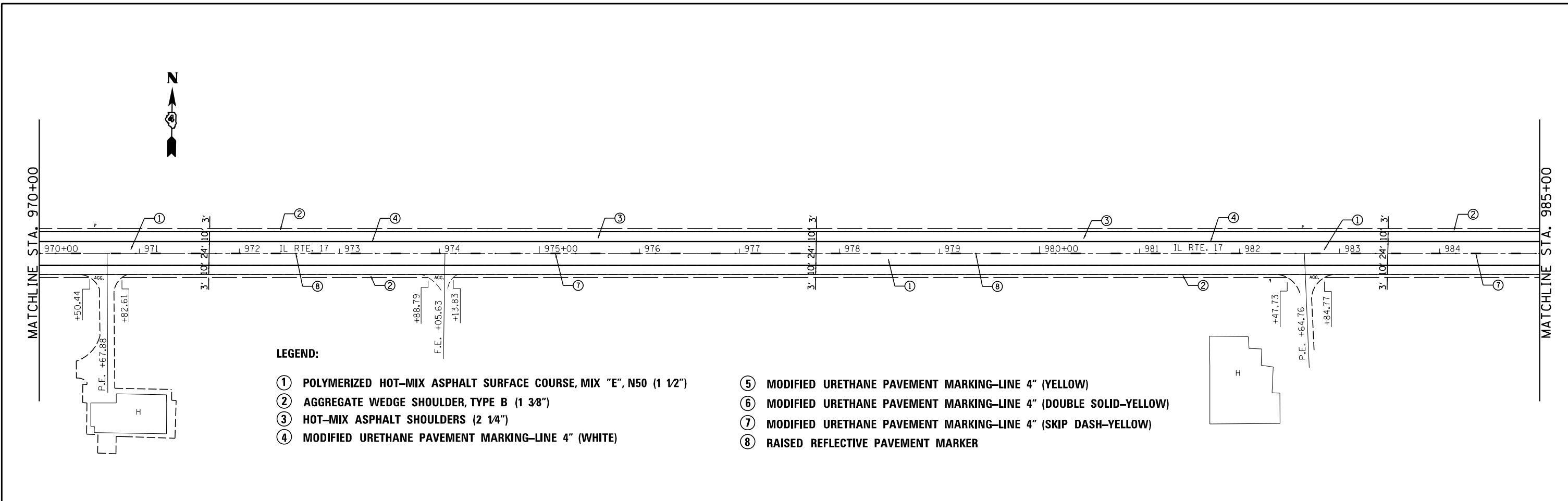
EXIST. CURVE EX\_CURVE2  
 PI STA. = 952+48.90  
 $\Delta$  = 1° 36' 00" (LT)  
 D = 0° 09' 00"  
 R = 38,197.20'  
 T = 533.37'  
 L = 1,066.67'  
 E = 3.72'  
 e = -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 947+15.53  
 P.T. STA. = 957+82.20

**LEGEND:**

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50 (1 1/2")
- ② AGGREGATE WEDGE SHOULDER, TYPE B (1 3/8")
- ③ HOT-MIX ASPHALT SHOULDERS (2 1/4")
- ④ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (YELLOW)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (DOUBLE SOLID-YELLOW)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (SKIP DASH-YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER



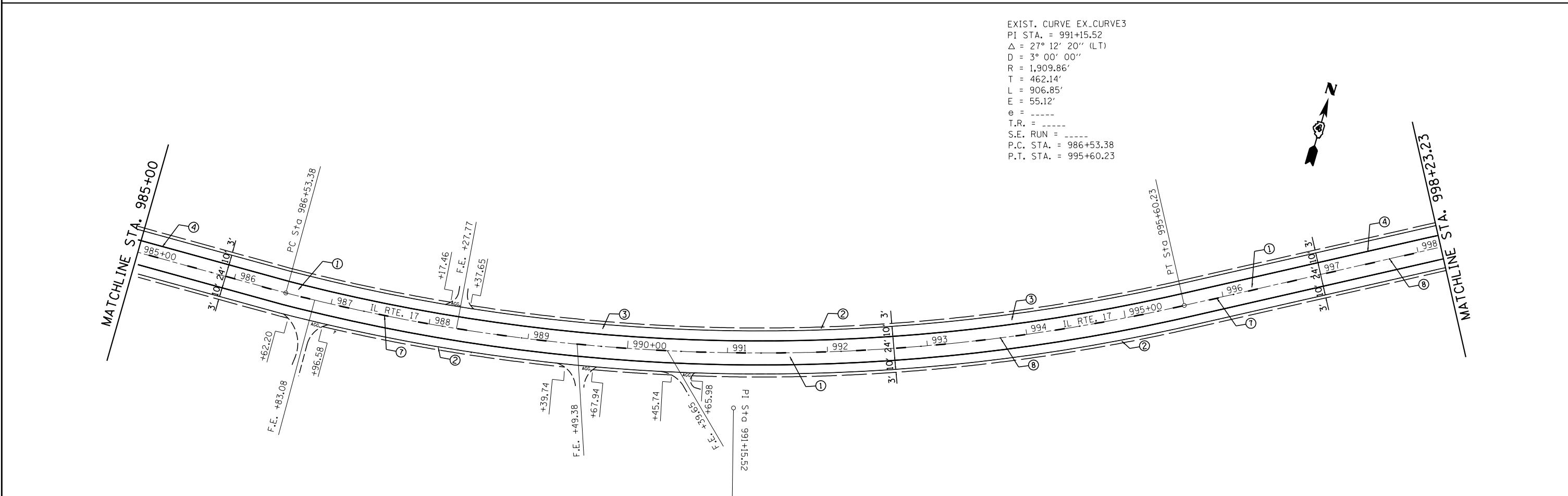
FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLANS &amp; PAVEMENT MARKING PLANS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\GEN\DRAW\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60\PLANS\PVMT MKG		DRAWN -	REVISED -		<b>ILLINOIS ROUTE 17</b>				639	125RS-5	MERCER	28	20
		CHECKED -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 68C60				
ESR Special Waste		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



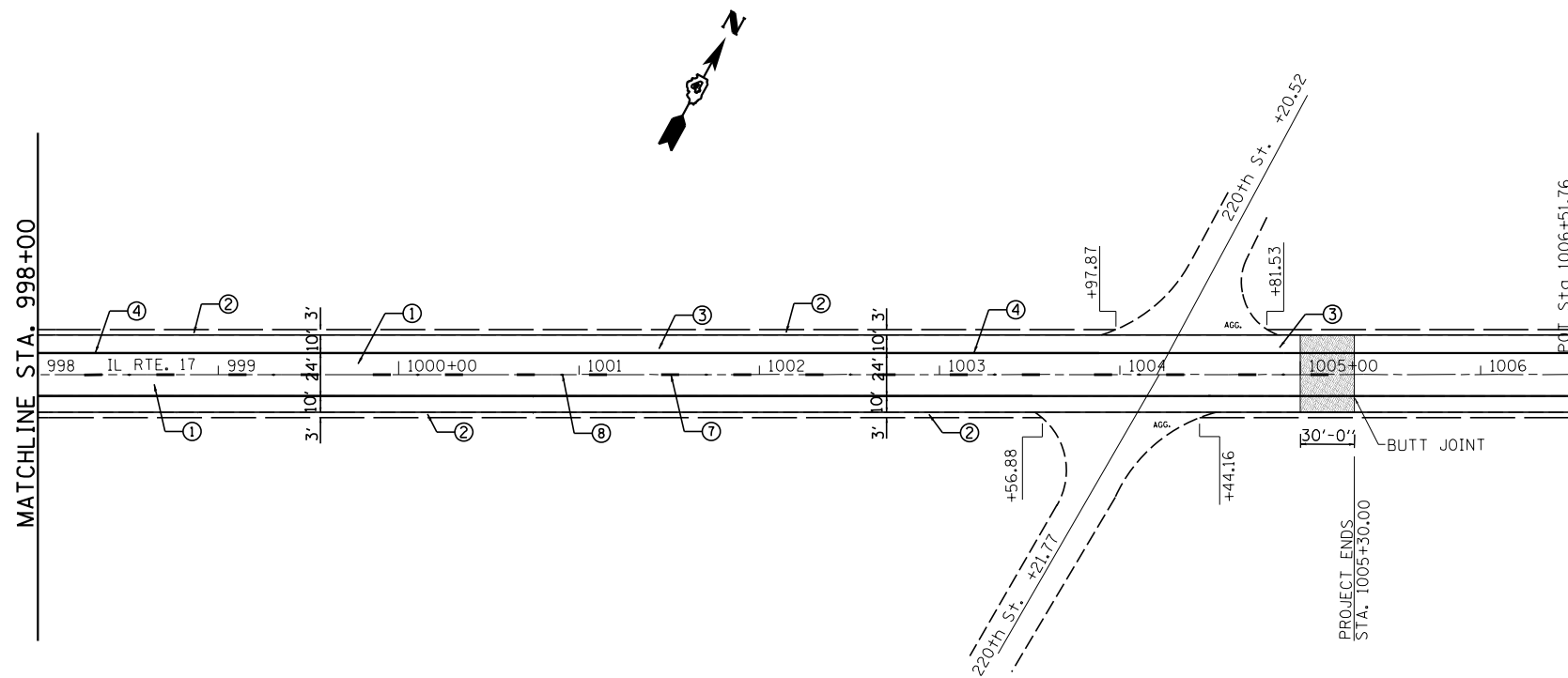
**LEGEND:**

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50 (1 1/2")
- ② AGGREGATE WEDGE SHOULDER, TYPE B (1 3/8")
- ③ HOT-MIX ASPHALT SHOULDERS (2 1/4")
- ④ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (YELLOW)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (DOUBLE SOLID-YELLOW)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (SKIP DASH-YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER

EXIST. CURVE EX\_CURVE3  
 PI STA. = 991+15.52  
 $\Delta = 27^\circ 12' 20''$  (LT)  
 $D = 3^\circ 00' 00''$   
 $R = 1,909.86'$   
 $T = 462.14'$   
 $L = 906.85'$   
 $E = 55.12'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 986+53.38$   
 $P.T. \text{ STA.} = 995+60.23$



FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED PLANS &amp; PAVEMENT MARKING PLANS</b>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ESR Special Waste	S:\GEN\DRAWING\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60\PLANS-PVMT MKG	DRAWN -	REVISED -		<b>ILLINOIS ROUTE 17</b>				639	125RS-5	MERCER	28	21
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				<b>CONTRACT NO. 68C60</b>				
	PLOT DATE = 1/29/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



**LEGEND:**

- ① POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N50 (1 1/2")
- ② AGGREGATE WEDGE SHOULDER, TYPE B (1 3/8")
- ③ HOT-MIX ASPHALT SHOULDERS (2 1/4")
- ④ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (WHITE)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (YELLOW)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (DOUBLE SOLID-YELLOW)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING-LINE 4" (SKIP DASH-YELLOW)
- ⑧ RAISED REFLECTIVE PAVEMENT MARKER

FILE NAME =	USER NAME = jonesros	DESIGNED -	REVISED -
S:\GEN\DRAW\STD&PLNS\SQUAD13\Leo Projects\68C60-IL 17 Aledo\68C60\PLANS\PVMT MKG		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
ESR Special Waste	PLOT DATE = 1/29/2016	DATE -	REVISED -

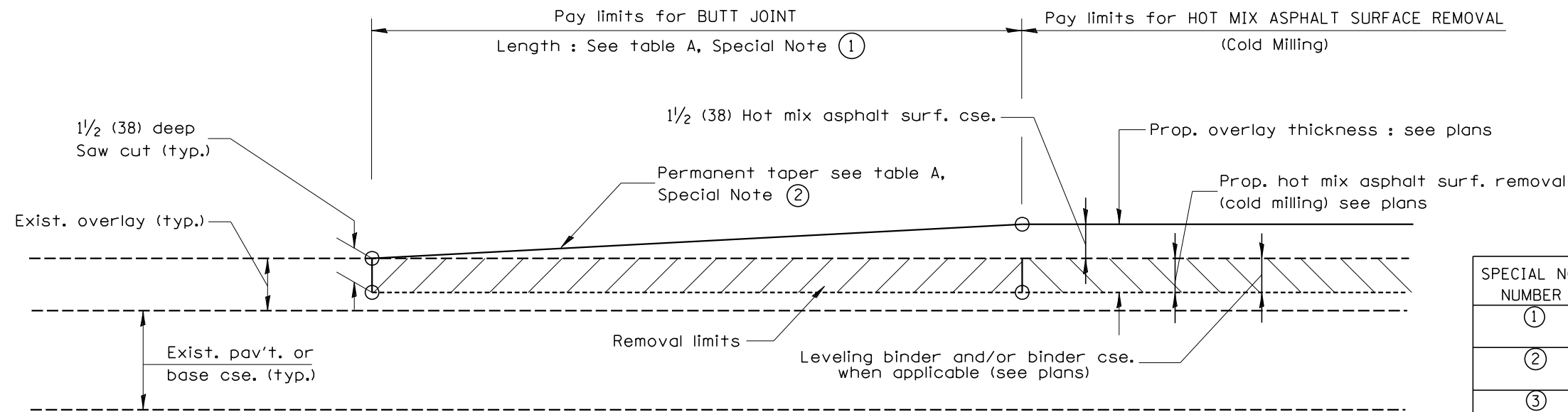
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED PLANS & PAVEMENT MARKING PLANS  
ILLINOIS ROUTE 17**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	22
CONTRACT NO. 68C60				
ILLINOIS FED. AID PROJECT				

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).



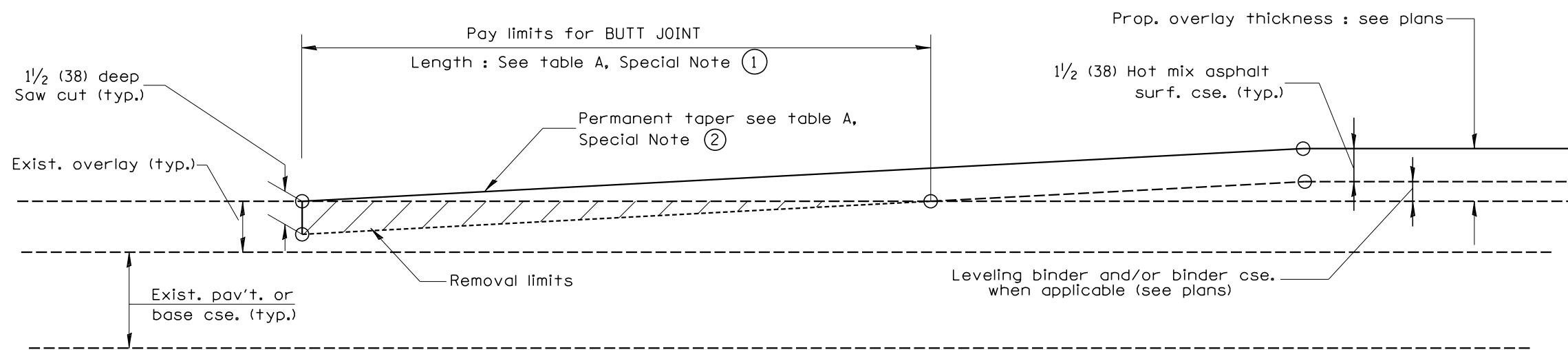
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**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)

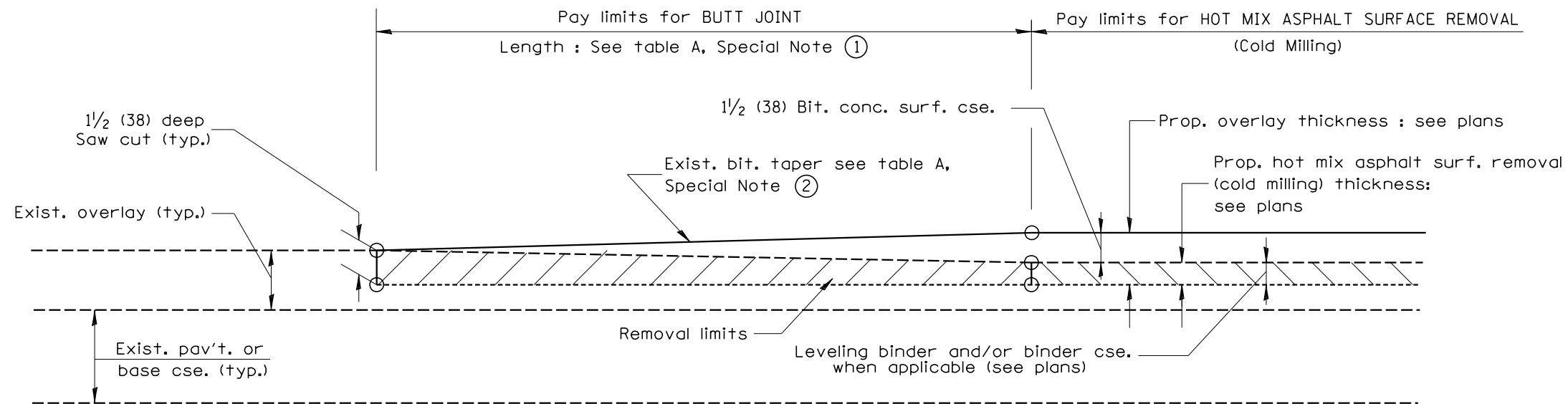
**GENERAL NOTES**

- 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.

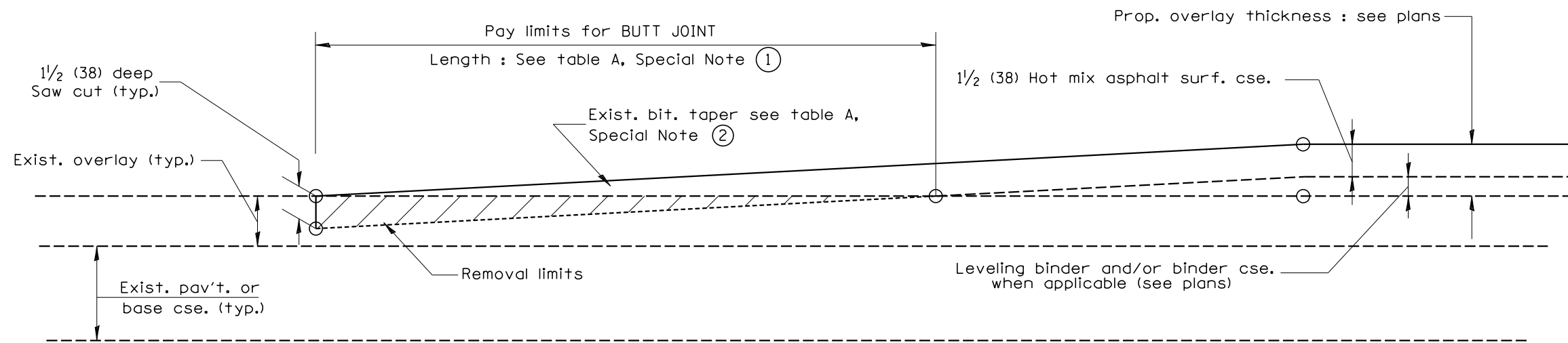


**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

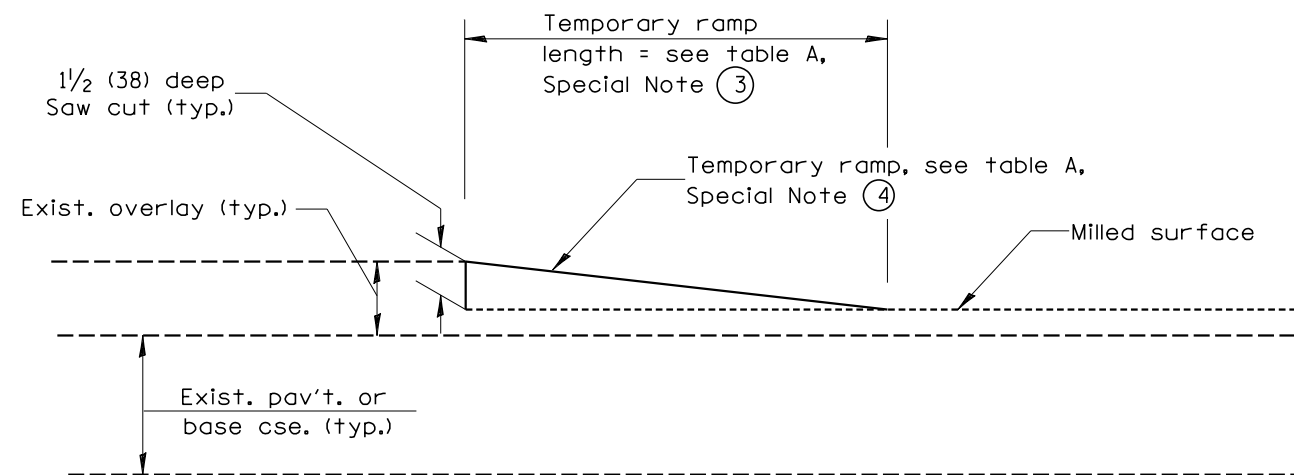
All dimensions are in inches (millimeters) unless otherwise noted.



**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

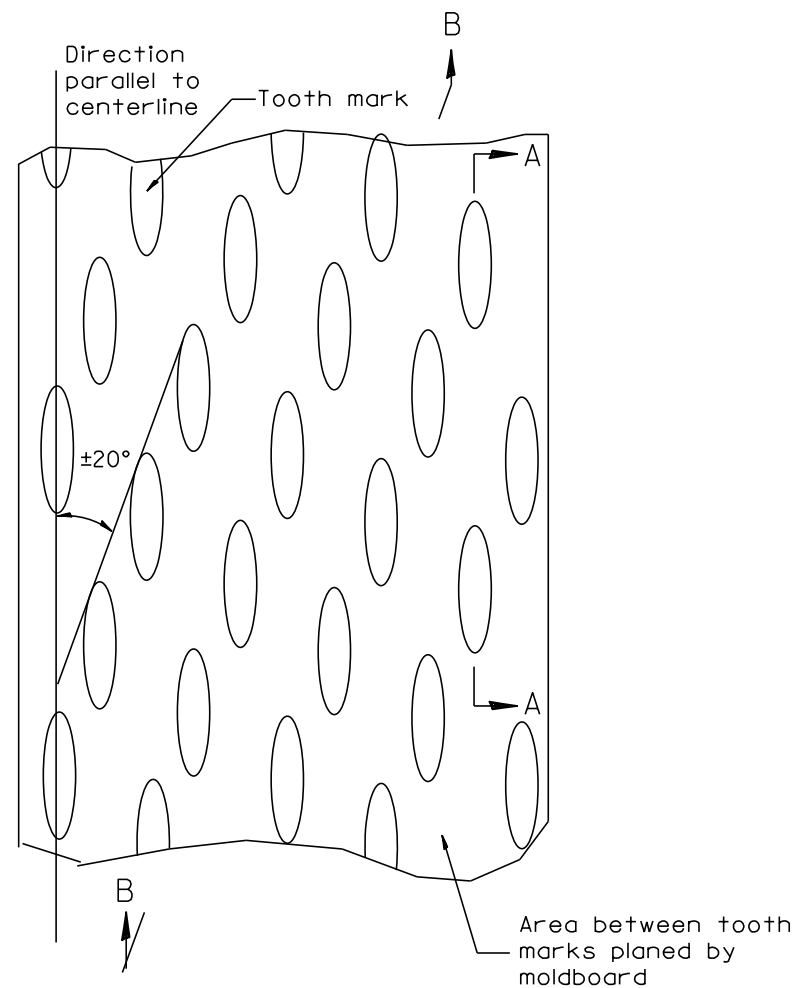
NOT TO SCALE

SHT. 2 OF 3  
CADD STD. 406101-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125RS-5	MERCER	28	24
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C60	



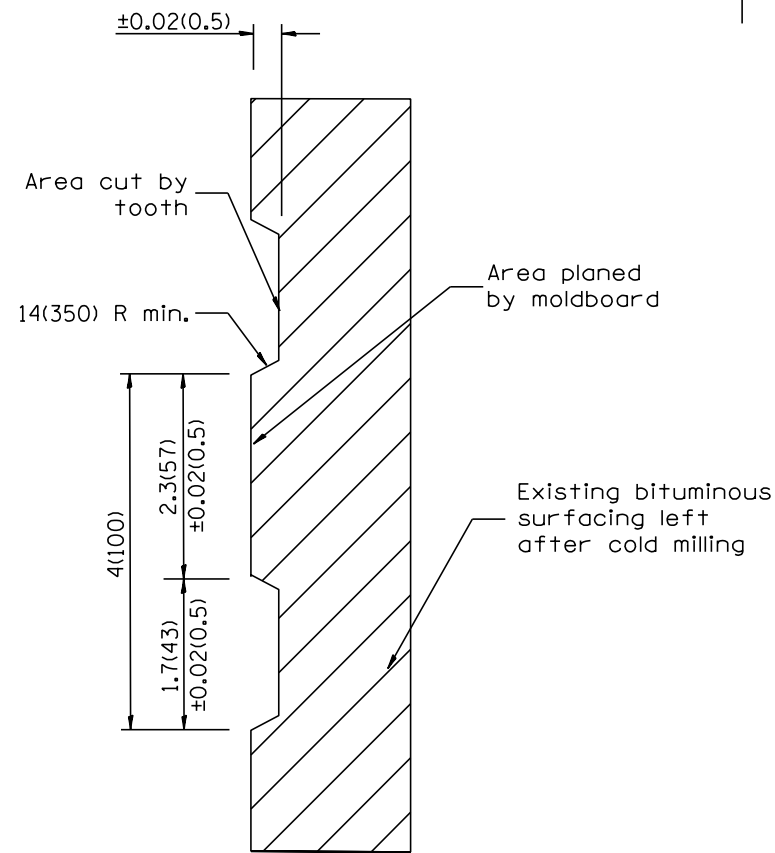




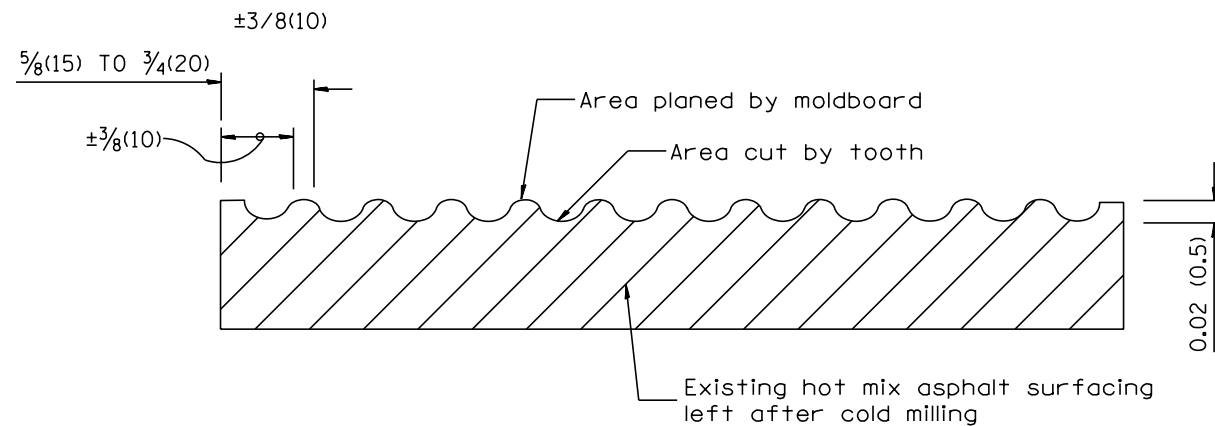
PLAN

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.

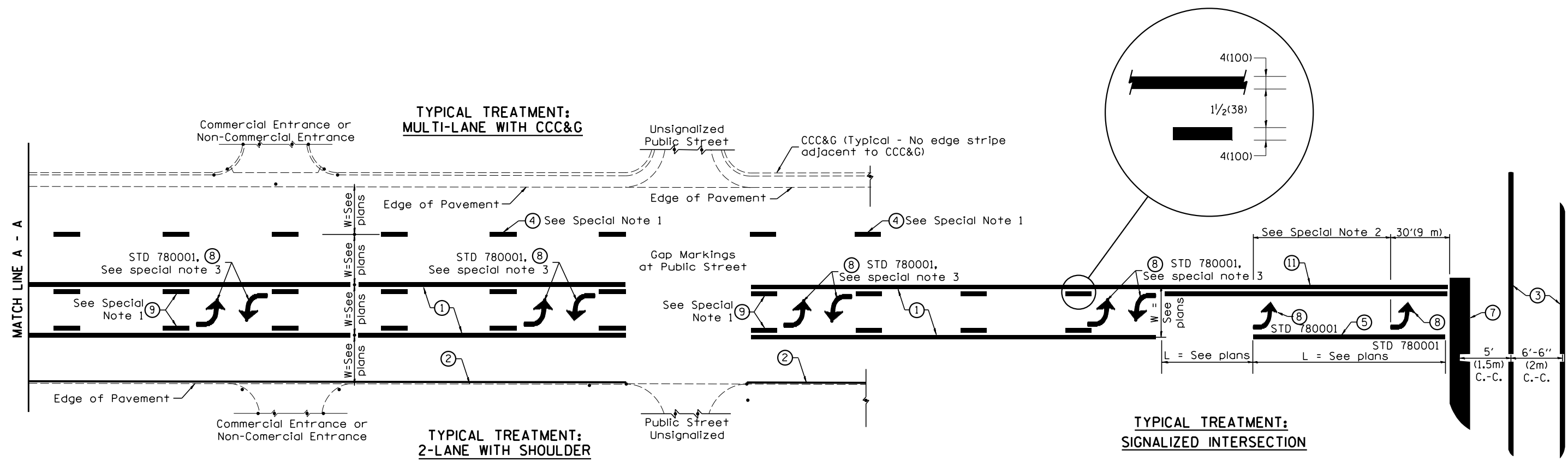
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)

NOT TO SCALE

CADD STD. 440001-D4

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
639	125R5-5	MERCER	28	26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 68C60	



**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) 45°
- ⑪ 4(100) Double Solid (Yellow) 11(280) C.-C. 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).

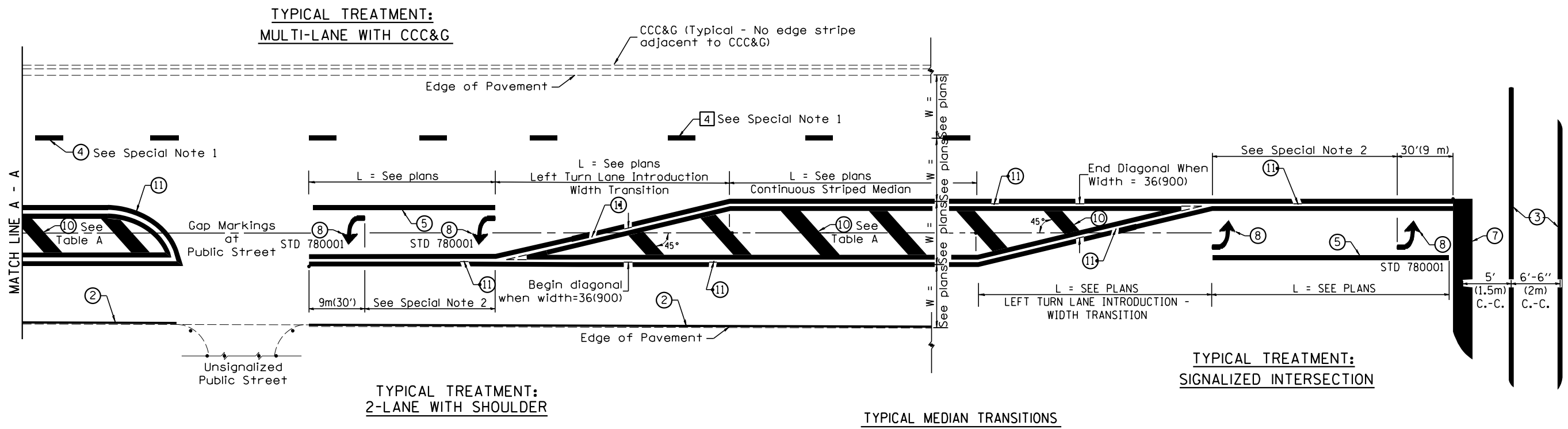
**GENERAL NOTES**

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.

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

01-01-97	RENUM. F-8.03, NEW REVISION BOX	T.P.	10-16-06	REVISED TO 2007 SPEC.	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL PAVEMENT MARKINGS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
02-07-97	ADD BI DIRECTIONAL DIMENSION	J.A.					639	125RS-5	MERCER	28	27	
10-97	CORRECT BI DIRECTIONAL DIMENSION	J.A.					SHT. 1 OF 2 CADD STD. 780001-D4					
08-02	ADD CROSSWALK DMNS. WITH T.S.	M.A.					CONTRACT NO. 68C60					

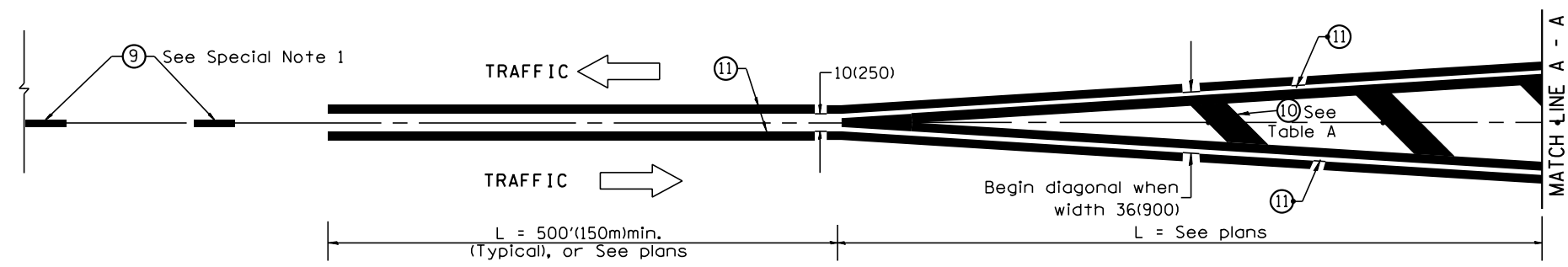
NOT TO SCALE



FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE

TABLE A  
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

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



MEDIAN INTRODUCTION - WIDTH TRANSITIONS

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