

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

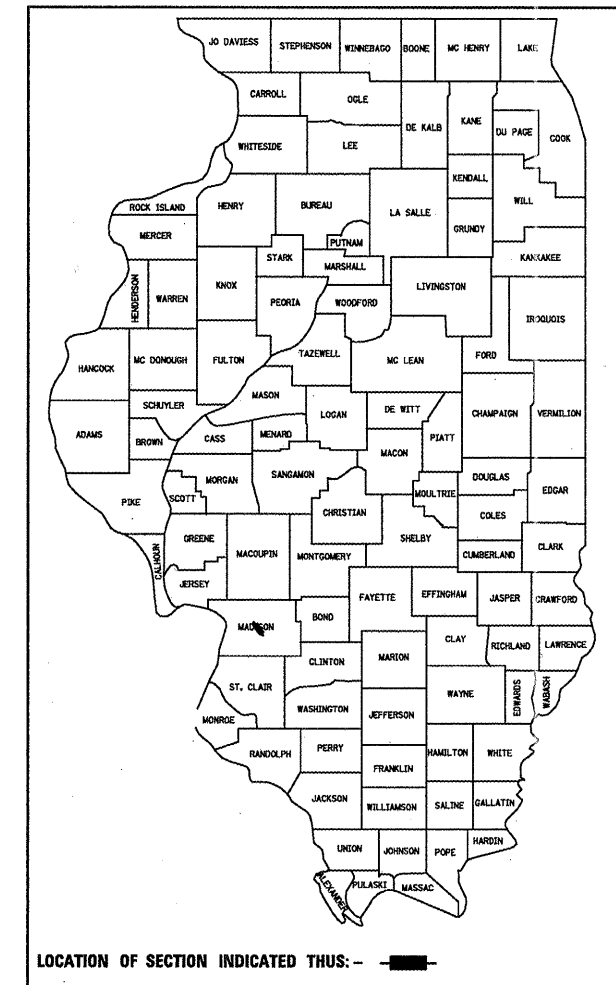
**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 789 (IL 143)
SECTION (7Z, 125)RS-4
PROJECT ACF-0789(049)
RESURFACING
MADISON COUNTY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	(7Z, 125) RS-4	Madison	19	1
ILLINOIS			CONTRACT NO. 76E39	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

D-98-099-10



2011 ADT = 14700
2031 ADT = 17900
SU = 2.7%
MU = 0.9%

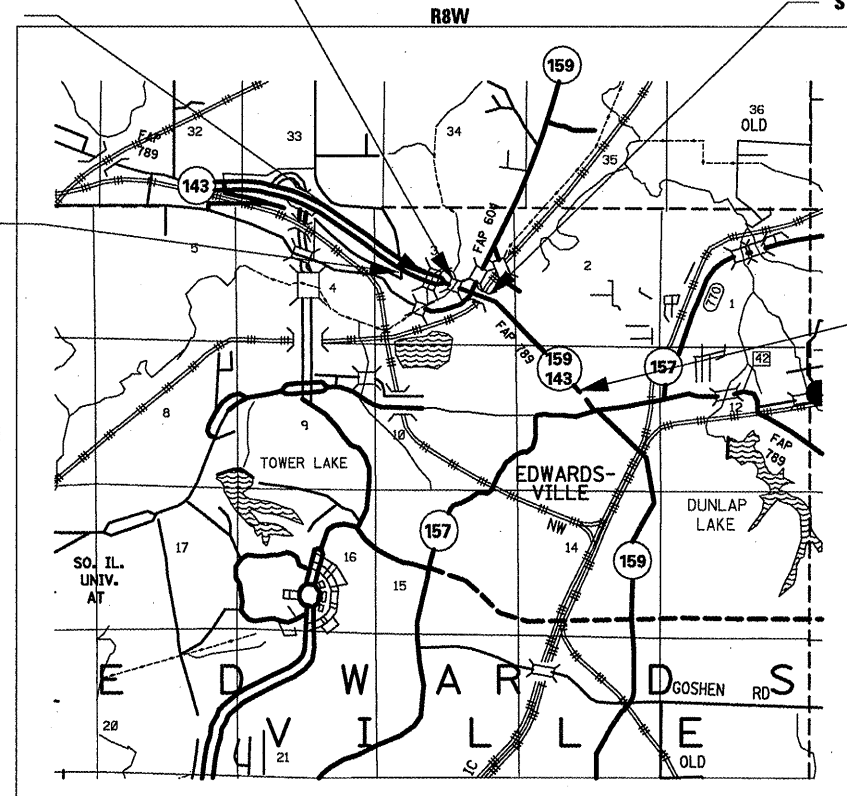
C-98-124-10
BRIDGE OMISSION
STA. 416+44.78 TO STA. 418+79.75

BRIDGE OMISSION
STA. 407+39.41 TO STA. 409+77.38

BRIDGE OMISSION
STA. 425+47.56 TO STA. 427+44.85

BEGIN PROJECT
STA. 402+56.19

END PROJECT
STA. 474+60.77

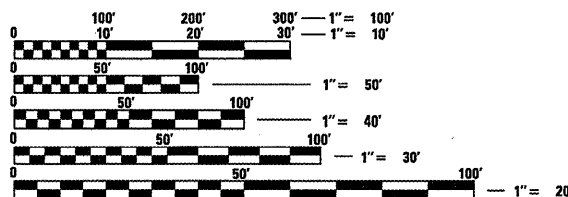


LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 7204.58 FT. = 1.36 MILE
NET LENGTH = 6534.35 FT. = 1.24 MILE

GROSS LENGTH = 7204.58'
BRIDGE OMISSION 1 = 237.29'
BRIDGE OMISSION 2 = 234.97'
BRIDGE OMISSION 3 = 197.97'
NET LENGTH = 6534.35'

DESIGN DESIGNATION N/A



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 PATTI LEBEAU 618-346-3179
PROJECT MANAGER ART MUEHLFELD 618-346-3209

CONTRACT NO. 76E39

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 24 20 11
Mary C Jamie
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

May 13 20 11
Scott E. Stippel
actg ENGINEER OF DESIGN AND ENVIRONMENT

May 13 20 11
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES & COMMITMENTS
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- 5 - 6 TYPICAL SECTIONS
- 7 - 8 SCHEDULES OF QUANTITIES
- 9 - 15 PLAN SHEETS
- 16 - 18 TRAFFIC SIGNAL DETAILS
- 19 DISTRICT DETAILS

HIGHWAY STANDARDS

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 630001-09 STEEL PLATE BEAM GUARDRAIL
- 631031-09 TRAFFIC BARRIER TERMINAL TYPE 6
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 701001-02 OFF ROAD OPERATIONS
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS = 45 MPH
- 701421-03 LANE CLOSURE MULTILANE, DAY OPERATIONS ONLY
- 701502-04 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701701-07 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-01 TRAFFIC CONTROL DEVICES
- 720001-01 SIGN PANEL MOUNTING DETAILS
- 720006-02 SIGN PANEL ERECTION DETAILS
- 720016-02 MAST ARM MOUNTED STREET NAME SIGNS
- 780001-02 TYPICAL PAVEMENT MARKINGS
- 781001-03 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 873001-02 TRAFFIC SIGNAL GROUNDING AND BONDING
- 877002-01 STEEL MAST ARM ASSEMBLY AND POLE 56' THROUGH 75'
- 878001-08 CONCRETE FOUNDATION DETAILS
- 880006-01 TRAFFIC SIGNAL MOUNTING DETAILS
- 886001-01 DETECTOR LOOP INSTALLATIONS
- 886006-01 TYPICAL LAYOUTS FOR DETECTION LOOPS

701501-06

701602-05

GENERAL NOTES

1. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
AMERENIL
AT&T ILLINOIS
CHARTER COMMUNICATIONS, INC.
CITY OF EDWARDSVILLE
CITY OF EDWARDSVILLE PUBLIC WORKS
KEYSTONE PIPELINE
MARATHON PIPELINE LLC
NORTHEAST CENTRAL COUNTY PUBLIC WATER DISTRICT
MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY * NON- J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
3. THE THICKNESS OF HOT-MIX ASPHALT SURFACE MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESSES. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.
4. THE WIDTHS OF HMA SURFACE REMOVAL SHOWN ON THE PLANS ARE THE NOMINAL WIDTHS. IRREGULARITIES IN THE SURFACE WIDTH MAY OCCUR THROUGHOUT THE LENGTH OF THE SECTION. BITUMINOUS SURFACE REMOVAL WILL BE PAID FOR IN SQUARE YARDS BASED UPON THE NOMINAL WIDTHS INDICATED.
5. AN ESTIMATED QUANTITY OF 3950 TONS OF CUTTINGS IS FROM THE HOT-MIX ASPHALT SURFACE REMOVAL OPERATION.
6. THERE ARE CONCRETE PATCHES ALONG THE ROADWAY TO BE MILLED. THE MILLING OF THE CONCRETE PATCHES WILL BE INCLUDED IN THE COST OF THE HOT MIX SURFACE REMOVAL AND WILL NOT BE PAID FOR SEPARATELY.
7. THE PCC SURFACE REMOVAL AT STATION 419+15.23 WILL BE INCLUDED IN THE COST OF THE HOT MIX SURFACE REMOVAL AND WILL NOT BE PAID FOR SEPARATELY.
8. THE USE OF VIBRATORY ROLLERS WILL NOT BE PERMITTED FOR THIS PROJECT. THIS DOES NOT RELIEVE THE CONTRACTOR OF DENSITY REQUIREMENTS FOR THE CONSTRUCTION OF THE BITUMINOUS PAVEMENTS AS SPECIFIED IN SECTIONS 406 & 407 OF THE STANDARD SPECIFICATIONS.
9. SIDE ROADS WILL BE MILLED AND RESURFACED TO THE BACK OF THE RADIUS RETURNS.
10. "ROAD CONSTRUCTION AHEAD" SIGNS WILL BE PLACED AT EACH END OF THE PROJECT AND AT ALL INTERSECTING SIDE ROADS.
11. NO OVERNIGHT CLOSURES WILL BE PERMITTED.
12. FLAGGERS SHALL BE REQUIRED AT ALL TIMES DURING PATCHING OPERATIONS
13. ANY EXCAVATION OR DROP-OFF OF MORE THAN 3" AT THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTING.
14. THE RESIDENT ENGINEER SHALL VERIFY THE EXISTENCE OF HIGHWAY LIGHTING AND/OR I.T.S. UTILITIES WITHIN THE PROJECT LIMITS. IF HIGHWAY LIGHTING AND/OR I.T.S. EXISTS WITHIN THE PROJECT LIMITS, AND IF THESE ITEMS REQUIRE LOCATING, THE CONTRACTOR SHALL BE DIRECTED TO DO SO ACCORDING TO SECTION 803 OF THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 803.04 OF THE STANDARD SPECIFICATIONS. IF "LOCATING UNDERGROUND CABLE" IS NOT INCLUDED AS PART OF THE PLANS, THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
15. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
16. SHORT-TERM PAVEMENT MARKING SHALL BE APPLIED TO THE MILLED, PRIME, AND FINAL HMA SURFACE. A QUANTITY FOR TEMPORARY PAVEMENT MARKING EQUAL TO THE AMOUNT OF PERMANENT PAVEMENT MARKING HAS BEEN INCLUDED IN THE PLANS. "WORK ZONE PAVEMENT MARKING REMOVAL" SHALL BE PAID FOR THE FINAL SURFACE ONLY.

COMMITMENTS

NONE

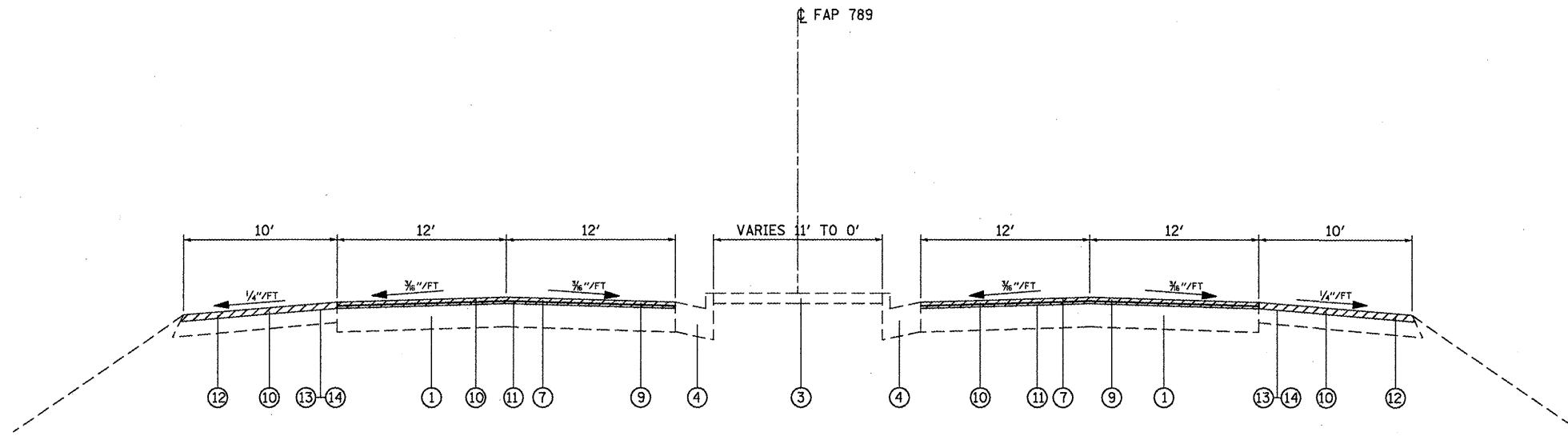
FILE NAME *	USER NAME * USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
*FILE#		DRAWN -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	789	(72, 125) RS-4	MADISON	19	2
		CHECKED -	REVISED -										
		DATE -	REVISED -										
		PLOT SCALE * #SCALE*											
		PLOT DATE * #DATE*											
ILLINOIS FED. AID PROJECT													

SUMMARY OF QUANTITIES

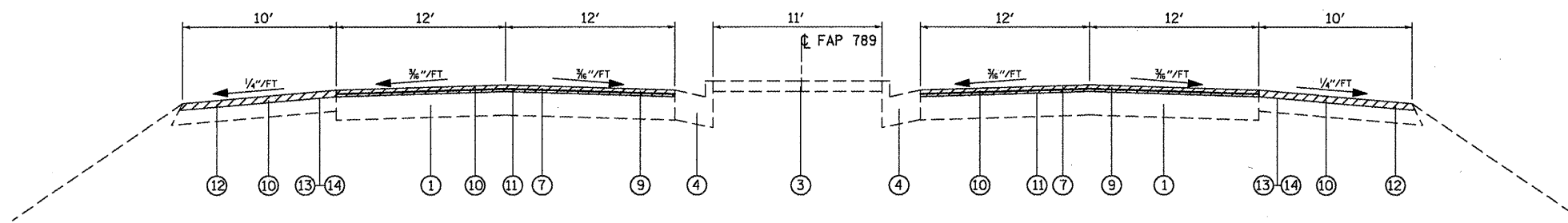
SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		80% FED. 20% STATE 0005	50% CITY 50% STATE 0005	80% FED. 20% STATE 0021	CODE NO	ITEM	UNIT		80% FED. 20% STATE 0005	50% CITY 50% STATE 0005	80% FED. 20% STATE 0021
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	49.3	46	3.3	70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	275	275			
40600300	AGGREGATE (PRIME COAT)	TON	48	45	3	70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	242	242			
40600825	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50	TON	1245	1155	90	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	12,388	12,388			
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	30	30		* 72000100	SIGN PANEL - TYPE 1	SQ FT	26	26			
40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	2436	2256	180	* 73000100	WOOD SIGN SUPPORT	FOOT	58	58			
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	54	54		* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	624	624			
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	31344	29203	2141	* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	28,175	28,175			
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	36	36		* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	243	243			
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	149	149		* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	275	275			
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	266	266		* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	242	242			
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	1438	1438		* 78008200	POLYUREA PAVEMENT MARKING TYPE I - LETTERS AND SYMBOLS	SQ FT	62.4	62.4			
48203100	HOT-MIX ASPHALT SHOULDERS	TON	296	296		* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	3,119	3,119			
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2287.5	2287.5		* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	355	355			
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1		* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	45	45			
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	12	12		* 78200520	BARRIER WALL MARKERS, TYPE B	EACH	16	16			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	10	10		* 78200530	BARRIER WALL MARKERS, TYPE C	EACH	16	16			
63200310	GUARDRAIL REMOVAL	FOOT	2773	2773		* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	10	10			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		78300100	PAVEMENT MARKING REMOVAL	SQ FT	1071	1071			
67100100	MOBILIZATION	L SUM	1	1		78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	190	190			
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1		80300100	LOCATING UNDERGROUND CABLE	FOOT	100		100		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	15		15		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1655		1655		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1		* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1318		1318		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		* 87701330	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT. (SPECIAL)	EACH	1		1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21		21		
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,555	1,555		* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5		5		
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	686.4	686.4		* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4		4		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	31,294	31,294		* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4		4		
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	243	243									

* SPECIALTY ITEM

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -			789	(7Z, 125) RS4	MADISON	19	3
		PLOT SCALE = #SCALE#	CHECKED -						CONTRACT NO. 76E39	
		PLOT DATE = #DATE#	DATE -						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	
			REVISED -		SCALE:		SHEET NO. 1 OF 2 SHEETS	STA.		TO STA.



TYPICAL SECTION
STA. 407+77.38 TO STA 414+96.35



TYPICAL SECTION
STA. 402+56.19 TO STA 407+39.41

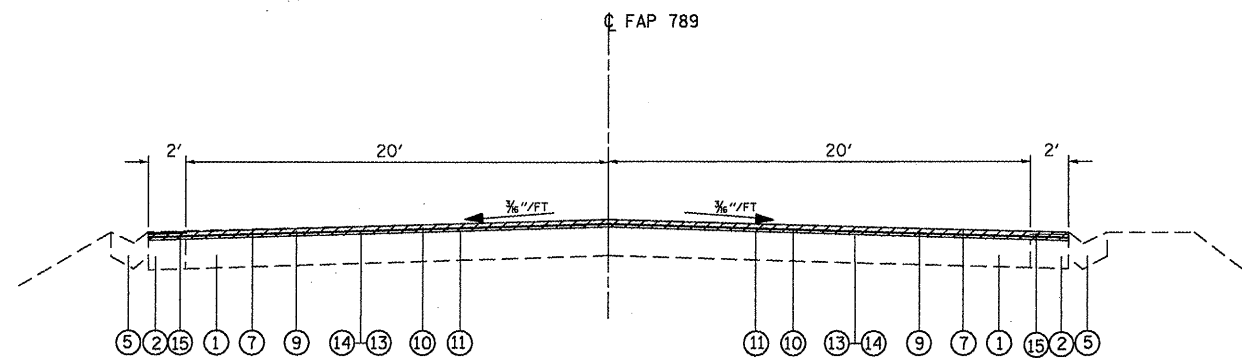
LEGEND

- ① EXISTING CONCRETE PAVEMENT 9"
- ② EXISTING CONCRETE WIDENING 9"
- ③ EXISTING MEDIAN SURFACE 4"
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING TYPE B GUTTER
- ⑥ EXISTING CONCRETE CURB
- ⑦ EXISTING HMA SURFACE 2 1/2"
- ⑧ EXISTING HMA SURFACE VARIES 2 1/2" TO 14 1/2"
- ⑨ PROPOSED HMA SURFACE REMOVAL 2 1/4"
- ⑩ PROPOSED HMA SURFACE COURSE 1 1/2"
- ⑪ PROPOSED HMA LEVEL BINDER 3/4"
- ⑫ PROPOSED SHOULDER SURFACE 2 1/4"
- ⑬ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑭ PROPOSED AGGREGATE (PRIME COAT)
- ⑮ STRIP REFLECTIVE CRACK CONTROL

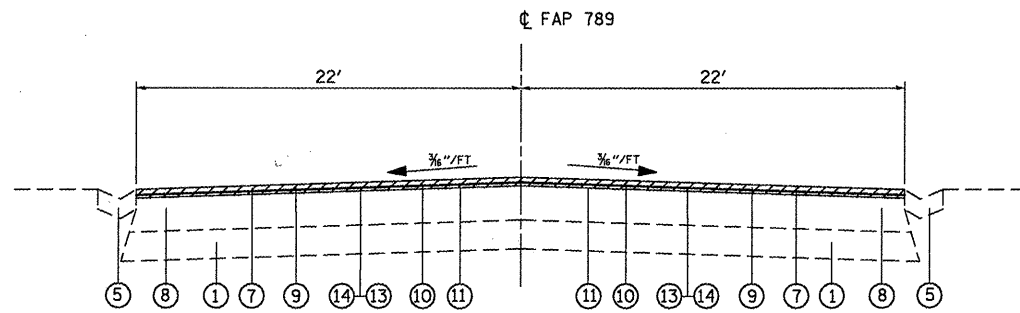
MIXTURE USE	POLY SURFACE	POLY-LEVEL BINDER	PATCHING	INCIDENTAL SURFACE	SHOULDER < 2.5
AC/PG	SBS PG 76-22	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE CONTRACT RAP
DESIGN AIR VOIDS	4% @ Ndes=70	4% @ Ndes=50	4% @ Ndes=70	4% @ Ndes=70	SPECIAL PROVISION
MIX COMPOSITION (GRADATION MIXTURE)	IL 12.5/9.5	IL 4.75	IL 19.0		* 2.0% @ Ndes=30
FRICTION AGG	MIXTURE D	MIXTURE C	MIXTURE B	MIXTURE C	

* TOP LIFT OF SHOULDERS - DESIGN THIS MIX 2.0 % VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

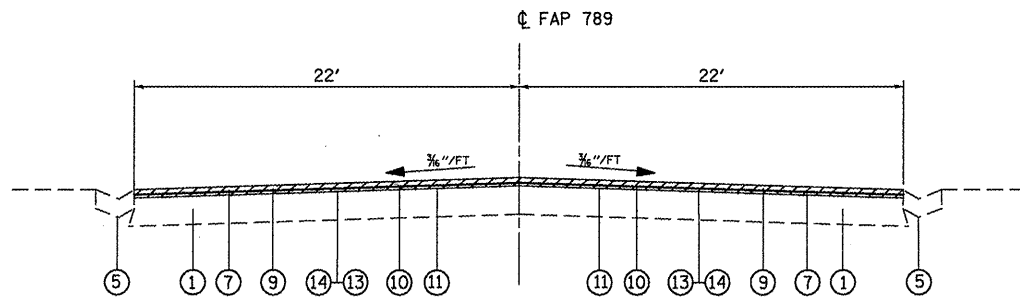
DENOTES HMA SURFACE REMOVAL



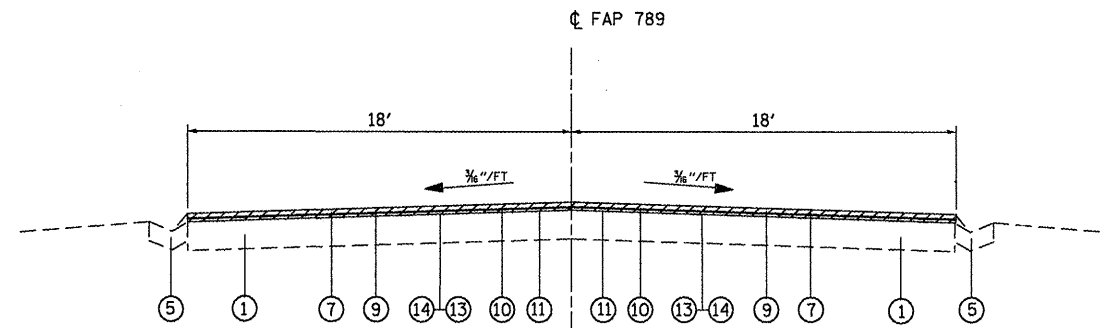
STA. 414+96.35 TO STA. 416+44.78
 STA. 419+15.23 TO STA. 423+69.87



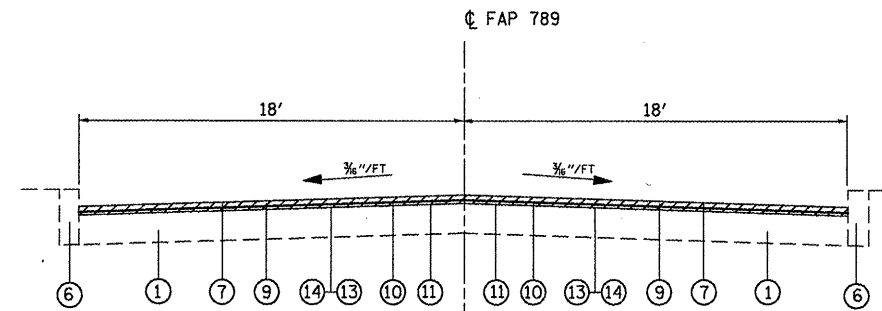
STA. 423+69.87 TO STA. 425+47.56
 STA. 427+44.85 TO STA. 432+25



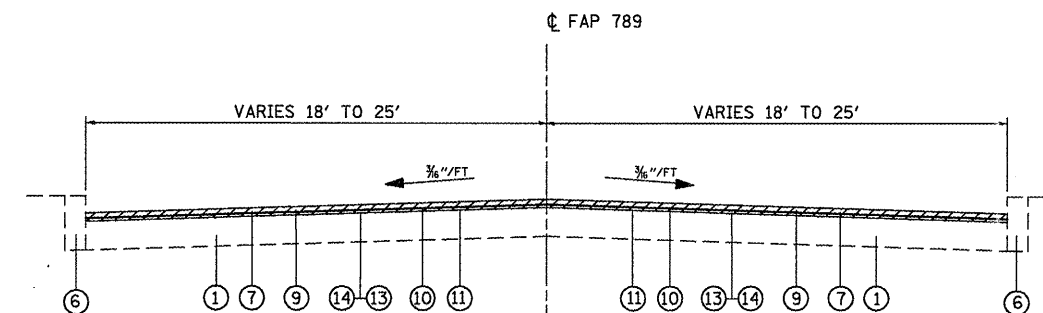
STA. 432+25 TO STA. 437+22



STA. 437+22 TO STA. 439+27



STA. 439+27 TO STA. 472+19.67



STA. 472+19.67 TO STA. 474+60.77

LEGEND

- ① EXISTING CONCRETE PAVEMENT 9"
- ② EXISTING CONCRETE WIDENING 9"
- ③ EXISTING MEDIAN SURFACE 4"
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING TYPE B GUTTER
- ⑥ EXISTING CONCRETE CURB
- ⑦ EXISTING HMA SURFACE 2 1/2"
- ⑧ EXISTING HMA SURFACE VARIES 2 1/2" TO 14 1/2"
- ⑨ PROPOSED HMA SURFACE REMOVAL 2 1/4"
- ⑩ PROPOSED HMA SURFACE COURSE 1 1/2"
- ⑪ PROPOSED HMA LEVEL BINDER 3/4"
- ⑫ PROPOSED SHOULDER SURFACE 2 1/4"
- ⑬ PROPOSED BITUMINOUS MATERIALS (PRIME COAT)
- ⑭ PROPOSED AGGREGATE (PRIME COAT)
- ⑮ PROPOSED STRIP REFLECTIVE CRACK CONTROL

MIXTURE USE	POLY SURFACE	POLY-LEVEL BINDER	PATCHING	INCIDENTAL SURFACE	SHOULDER < 2.5
AC/PG	SBS PG 76-22	SBS PG 76-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE SPEC.	SEE CONTRACT RAP
DESIGN AIR VOIDS	4% @ Ndes=70	4% @ Ndes=50	4% @ Ndes=70	4% @ Ndes=70	SPECIAL PROVISION
MIX COMPOSITION					• 2.0% @ Ndes=30
(GRADATION MIXTURE)	IL 12.5/9.5	IL 4.75	IL 19.0		NMAS 1/2"
FRICTION AGG	MIXTURE D	MIXTURE C	MIXTURE B	MIXTURE C	

• TOP LIFT OF SHOULDERS - DESIGN THIS MIX 2.0 % VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

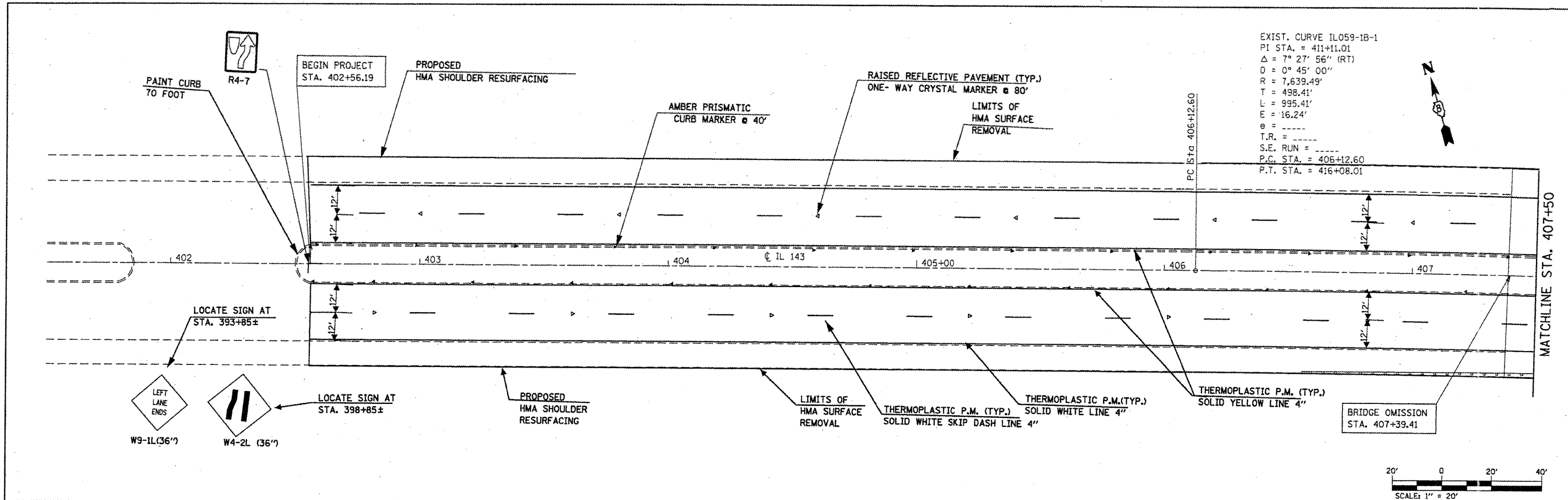
DENOTES HMA SURFACE REMOVAL

PAVEMENT MARKING SCHEDULE																			
LOCATION		THERMOPLASTIC 4 INCH WHITE SOLID LINE FEET	THERMOPLASTIC 4 INCH WHITE (SKIP-DASH) FEET	THERMOPLASTIC 4 INCH YELLOW SOLID LINE FEET	THERMOPLASTIC 4 INCH YELLOW (SKIP-DASH) FEET	PAV. MARK. REMOVAL SQ. FEET	POLYUREA 4 INCH WHITE SOLID LINE FEET	POLYUREA 4 INCH YELLOW SOLID LINE FEET	POLYUREA 4 INCH YELLOW (SKIP-DASH) FEET	THERMOPLASTIC 8 INCH WHITE SOLID LINE FEET	THERMOPLASTIC 12 INCH WHITE SOLID LINE FEET	THERMOPLASTIC 12 INCH YELLOW SOLID LINE FEET	THERMOPLASTIC 24 INCH WHITE SOLID LINE FEET	THERMOPLASTIC LETTERS & SYMBOLS SQ. FEET	POLYUREA LETTERS & SYMBOLS SQ. FEET	AMBER RAISED REFLECTIVE P. M. EACH	CRYSTAL RAISED REFLECTIVE P. M. EACH	RAISED REFLECTIVE P. M. REMOVAL EACH	
402+56.19	407+50.00	966.44	240.00	966.44		17.44	31.18	21.18								25		10	
407+50.00	413+50.00	745.24	90.00	745.24		336.17	554.76	454.76								16	6	22	
413+50.00	419+50.00	807.64	134.00	935.34		411.16	608.09	470.00	60.00			105.00			35	13	24		
419+50.00	425+50.00	1766.06	80.00	1030.46		3.25	9.76			243.00	130.00		242.00	109.2	46.8	55	4	28	
425+50.00	431+50.00	873.45	86.00	810.30	200.00	302.80	389.70	389.70	129.90					78.0		30		15	
431+50.00	437+50.00	1200.00	26.00	1200.00	300.00									93.6		30		15	
437+50.00	443+50.00	955.90		1200.00	300.00									93.6		30		15	
443+50.00	449+50.00	1142.80		1200.00	300.00									93.6		30		15	
449+50.00	455+50.00	1013.30		1200.00	300.00									93.6		30		15	
455+50.00	461+50.00	1020.40		1370.60	260.00							30.00		62.4		30		15	
461+50.00	467+50.00	831.00		1341.00								10.00				8	6	9	
467+50.00	473+50.00	913.15		1200.00													8	8	
473+50.00	474+60.77	202.12		221.54															
SUBTOTAL		12438	656	13421	1660	1071	1593	1336	190	243	130	145	242	624.00	62.40	319	36	190	
TOTAL				28175		1071	3119			243		275	242	624.00	62.40	355		190	

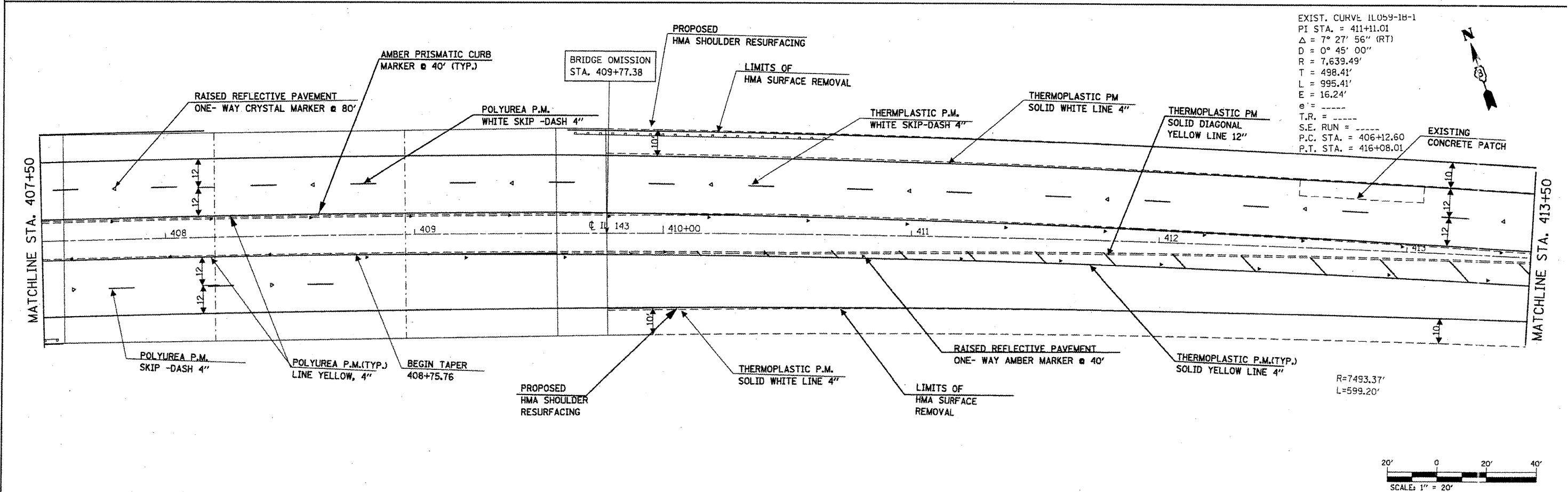
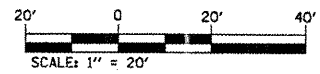
PAVEMENT PATCHING							
LOCATION STATION	SIDE RT/LT	LENGTH FT	WIDTH FT	AREA SQ YD	12 INCHES		
					TYPE I	TYPE II	TYPE IV
410+20	LT	8	12	10.67		10.67	
410+20	LT	8	12	10.67		10.67	
410+95	RT	25	12	33.33			33.33
410+95	RT	25	12	33.33			33.33
410+95	LT	25	12	33.33			33.33
420+00	RT	18	11	22.00			22.00
420+01	RT	18	11	22.00			22.00
420+02	LT	18	11	22.00			22.00
420+03	LT	18	11	22.00			22.00
420+90	RT	4	11	4.89	4.89		
420+90	RT	4	11	4.89	4.89		
421+35	RT	4	11	4.89	4.89		
421+35	RT	4	11	4.89	4.89		
421+75	RT	8	11	9.78		9.78	
421+75	RT	8	11	9.78		9.78	
423+50	RT	4	11	4.89	4.89		
423+50	RT	4	11	4.89	4.89		
442+95	RT	4	12	5.33		5.33	
445+95	RT	6	12	8.00		8.00	
445+95	RT/LT	6	12	8.00		8.00	
445+95	LT	6	12	8.00		8.00	
446+90	RT	4	12	5.33		5.33	
447+15	LT	8	12	10.67		10.67	
455+10	LT	6	12	8.00		8.00	
458+60	RT	6	12	8.00		8.00	
458+60	RT/LT	6	12	8.00		8.00	
462+20	LT	4	12	5.33		5.33	
462+80	RT	6	12	8.00		8.00	
SUB-TOTAL				29.33	123.56	221.33	
ANTICIPATED FAILURES (20%)				5.87	24.71	44.27	
TOTAL				35.20	148.27	265.60	
Rounded				36	149	266	

RESURFACING SCHEDULE									
LOCATION		HMA ASPHALT SURFACE REMOVAL 2 1/4 "	STRIP REFL. CRACK CONTROL TREATMENT FEET	BITUMINOUS MATERIALS (PRIME COAT) TON	AGGREGATE (PRIME COAT) TON	POLYMERIZED LEVELING BINDER (MACHINE METHOD), N50 TON	POLYMERIZED HMA SURFACE CSE. MIXTURE "D" N70 TON	INCIDENTAL HMA SURFACE TON	HMA SHOULDERS TON
402+56.19	407+50.00	3651.00		5.7	5.5	108.2	216.5		135.3
407+50.00	413+50.00	2770.82	1145.24	4.3	4.2	80.3	160.6		108.3
413+50.00	419+50.00	2120.73	292.70	3.6	3.4	98.5	143.6		51.9
419+50.00	425+50.00	4090.82		6.4	6.1	171.8	343.6		
425+50.00	431+50.00	1980.73		3.1	3.0	83.2	166.4		
431+50.00	437+50.00	2902.87		4.5	4.4	121.9	243.8		
437+50.00	443+50.00	523.78		0.8	0.8	22.0	44.0	15.4	
443+50.00	449+50.00	2450.86		3.8	3.7	102.9	205.9	2.8	
449+50.00	455+50.00	2548.78		4.0	3.8	107.0	214.1	8.3	
455+50.00	461+50.00	2539.47		4.0	3.8	106.7	213.3	7.8	
461+50.00	467+50.00	2609.21		4.1	3.9	109.6	219.2	11.7	
467+50.00	473+50.00	2565.59		4.0	3.8	107.8	215.5	7.2	
473+50.00	474+60.77	588.48		0.9	0.9	24.7	49.4		
TOTAL		31343.14	1437.94	49.3	47.3	1244.6	2435.9	53.3	295.5
ROUNDED		31344	1438	49.3	48	1245	2436	54	296

GUARDRAIL SCHEDULE												
LOCATION			SIDE	GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 6	TRAFFIC BARRIER TERMINAL, TYPE 2	GUARDRAIL MARKERS, TYPE A	BARRIER WALL MARKERS, TYPE B	BARRIER WALL MARKERS, TYPE C	TERMINAL MARKER - DIRECT APPLIED
STATION	TO	STATION	RT/LT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	EACH	EACH
405+23.04	TO	407+58.21	RT	99	150	1	1		3			1
407+58.21	TO	409+56.86	RT/LT							6	6	
409+56.86	TO	411+52.64	LT	104	112.5	1	1		2			1
415+39.96	TO	416+62.08	RT		37.5	1	1		2			1
415+64.90	TO	416+99.12	LT		50	1	1		2			1
416+62.08	TO	419+97.92	RT/LT							6	6	
418+60.88	TO	420+20.26	RT	207	87.5	1	1		2			1
418+97.92	TO	836+51.08	LT	442	375		2		6			
836+51.08	TO	425+79.04	LT	331	262.5		2		6			
425+25.27	TO	425+60.70	RT	54			1		2			
425+60.70	TO	427+31.71	RT/LT							4	4	
427+13.74	TO	427+89.15	RT	60	37.5		1	1	2			
427+31.71	TO	428+16.09	LT	88		1	1		1			1
429+35.59	TO	434+10.59	RT	476	375		2		6			2
431+18.00	TO	439+10.30	LT	912	800		2		11			2
TOTALS				2773	2287.5	10	12	1	45	16	16	10

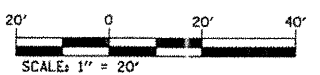


EXIST. CURVE ILO59-1B-1
 PI STA. = 411+11.01
 $\Delta = 7^\circ 27' 56''$ (RT)
 $D = 0^\circ 45' 00''$
 $R = 7,639.49'$
 $T = 498.41'$
 $L = 995.41'$
 $E = 16.24'$
 $e = \text{---}$
 $T.R. = \text{---}$
 S.E. RUN = ---
 P.C. STA. = 406+12.60
 P.T. STA. = 416+08.01

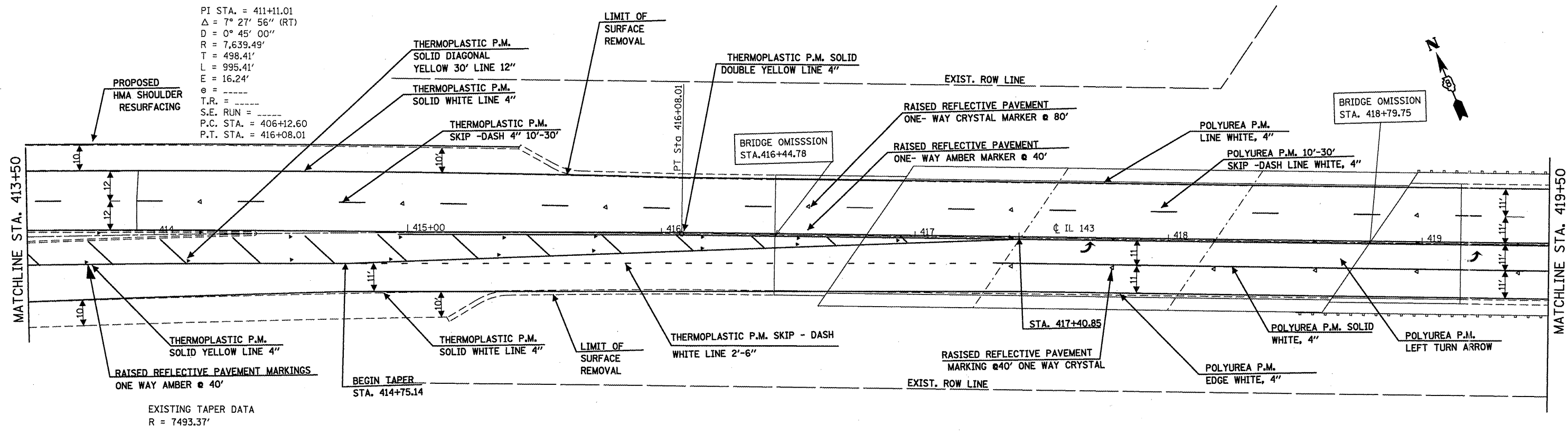


EXIST. CURVE ILO59-1B-1
 PI STA. = 411+11.01
 $\Delta = 7^\circ 27' 56''$ (RT)
 $D = 0^\circ 45' 00''$
 $R = 7,639.49'$
 $T = 498.41'$
 $L = 995.41'$
 $E = 16.24'$
 $e = \text{---}$
 $T.R. = \text{---}$
 S.E. RUN = ---
 P.C. STA. = 406+12.60
 P.T. STA. = 416+08.01

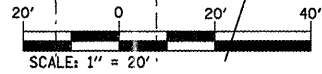
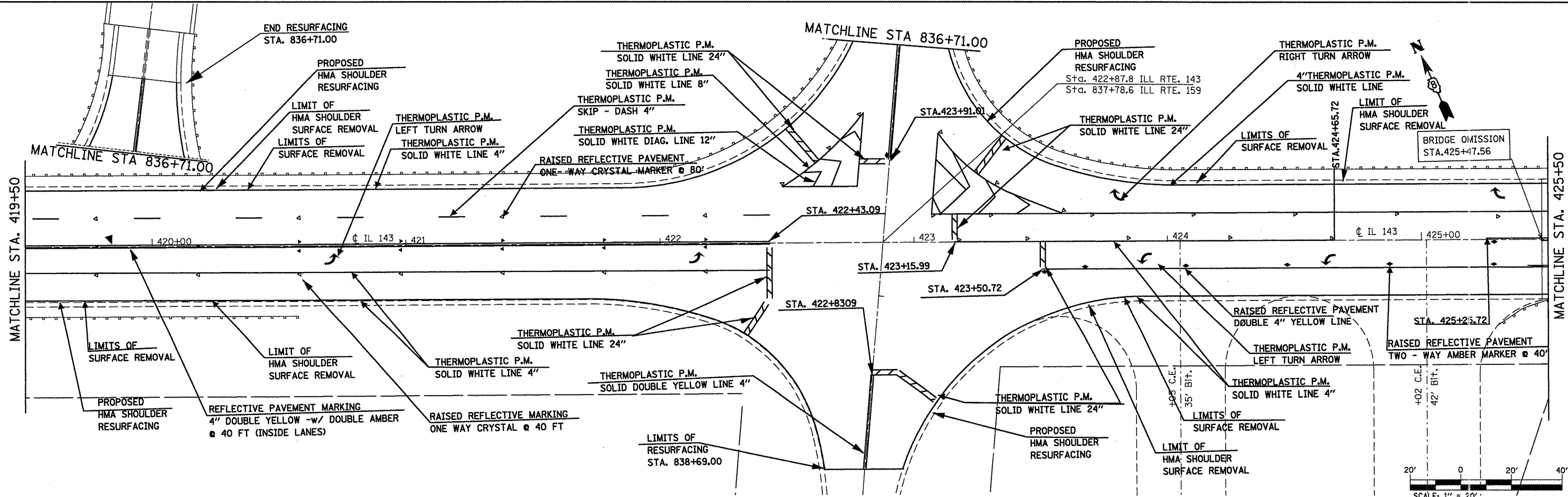
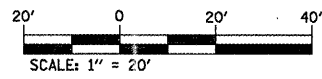
$R=7493.37'$
 $L=599.20'$



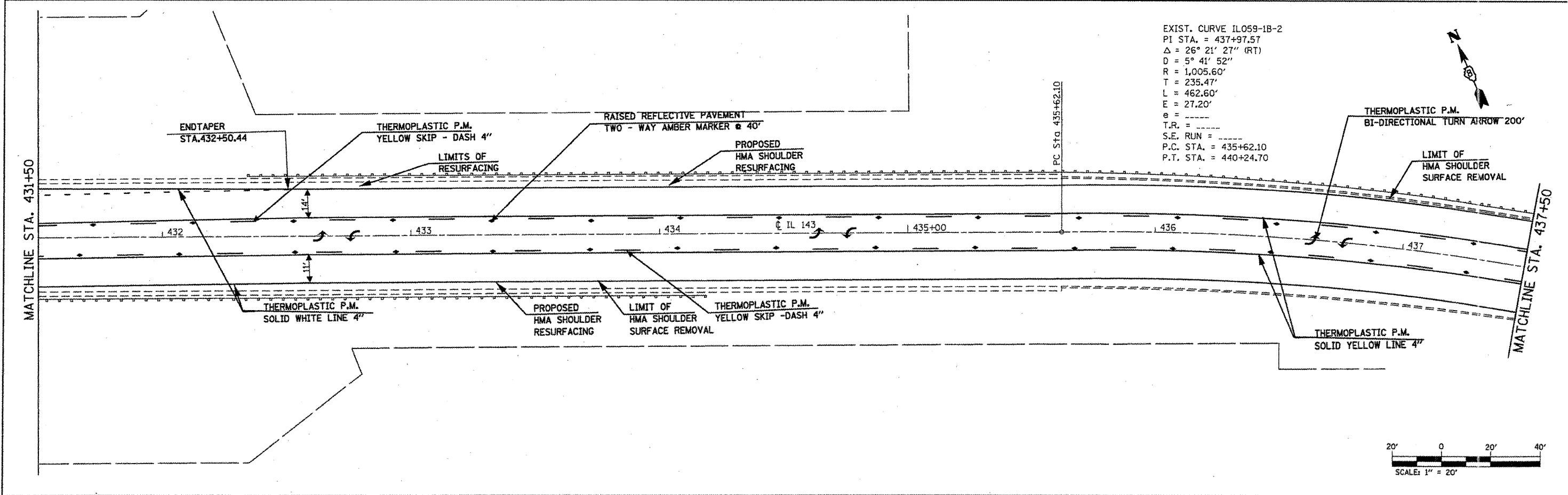
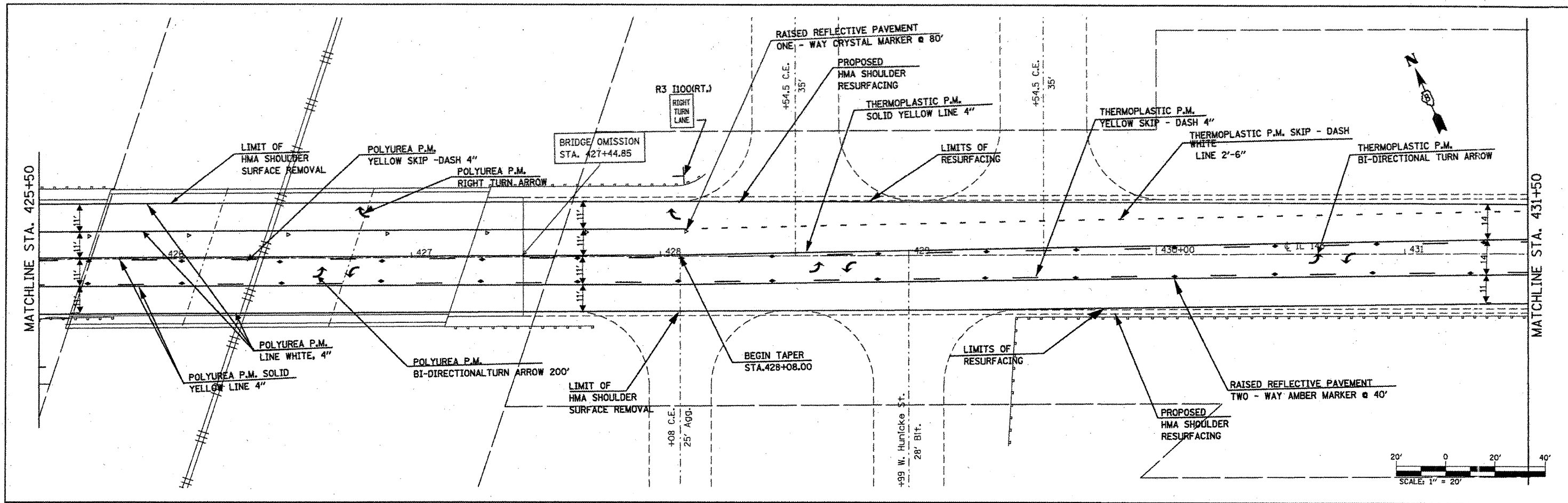
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#FILE#		DRAWN -	REVISED -			789	(7Z, 12S) RS-4	MADISON	19	9	
PLOT SCALE = *SCALE*		CHECKED -	REVISED -			CONTRACT NO. 76E39					
PLOT DATE = *DATE*		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



PI STA. = 411+11.01
 $\Delta = 7^\circ 27' 56''$ (RT)
 $D = 0^\circ 45' 00''$
 $R = 7,639.49'$
 $T = 498.41'$
 $L = 995.41'$
 $E = 16.24'$
 $\phi = \dots$
 $T.R. = \dots$
 $S.E. RUN = \dots$
 $P.C. STA. = 406+12.60$
 $P.T. STA. = 416+08.01$

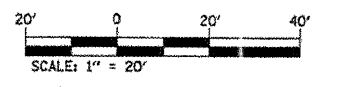
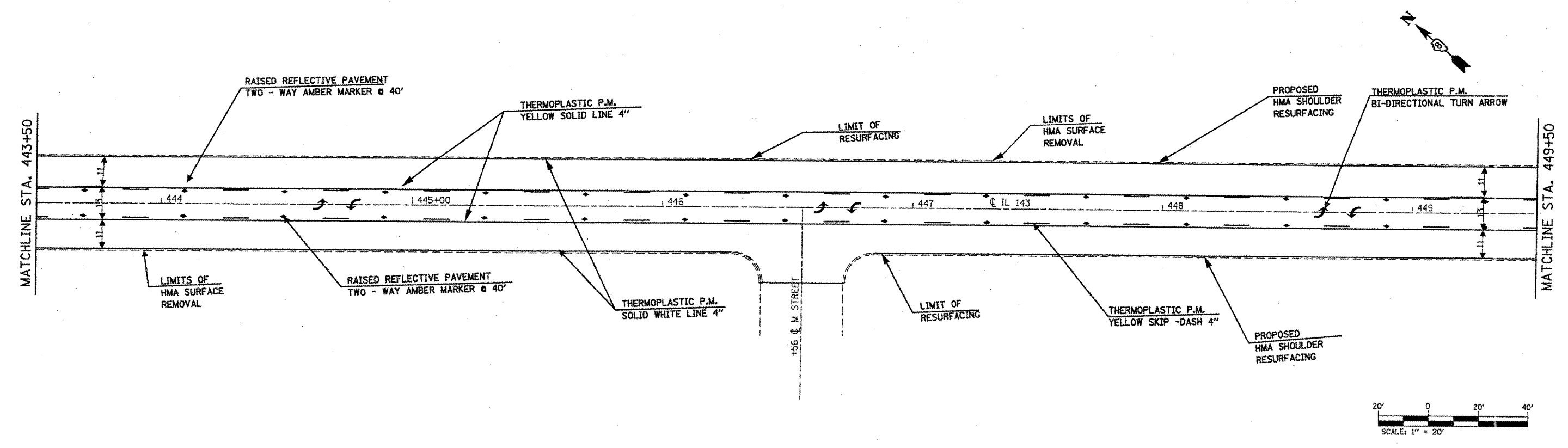
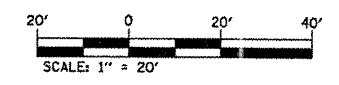
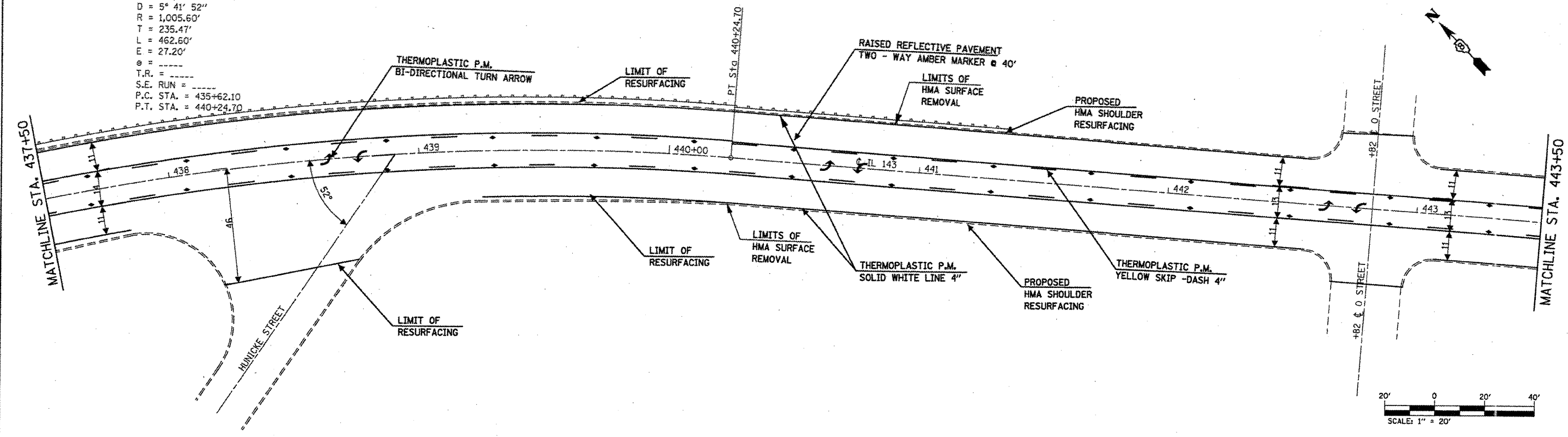


FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -			789	(72, 125) RS-4	MADISON	19	10	
		CHECKED -	REVISED -			CONTRACT NO. 76E39					
		DATE -	REVISED -			FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT					



FILE NAME =	USER NAME = #USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 3 OF 7 SHEETS	STA. 425+50 TO STA. 437+50	789	(72, 125) RS-4	MADISON	19	11
	PLOT SCALE = #SCALE*	CHECKED -	REVISED -		CONTRACT NO. T6E39							
	PLOT DATE = #DATE*	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

EXIST. CURVE ILO59-1B-2
 PI STA. = 437+97.57
 $\Delta = 26^\circ 21' 27''$ (RT)
 $D = 5^\circ 41' 52''$
 $R = 1,005.60'$
 $T = 235.47'$
 $L = 462.60'$
 $E = 27.20'$
 $s =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 435+62.10
 P.T. STA. = 440+24.70



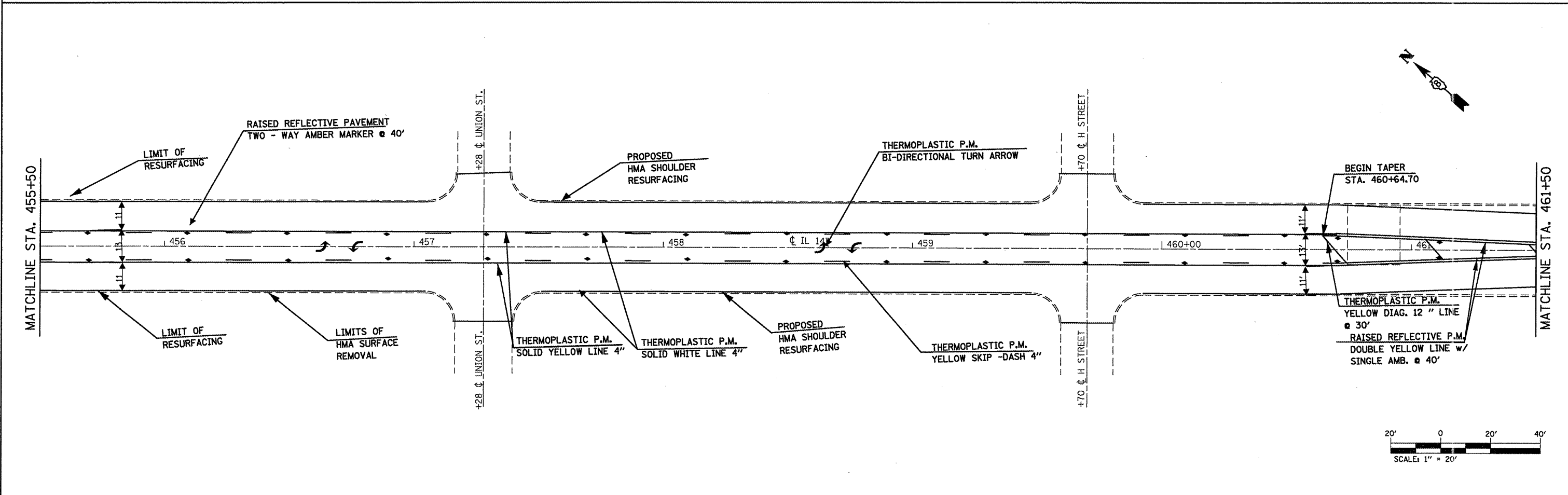
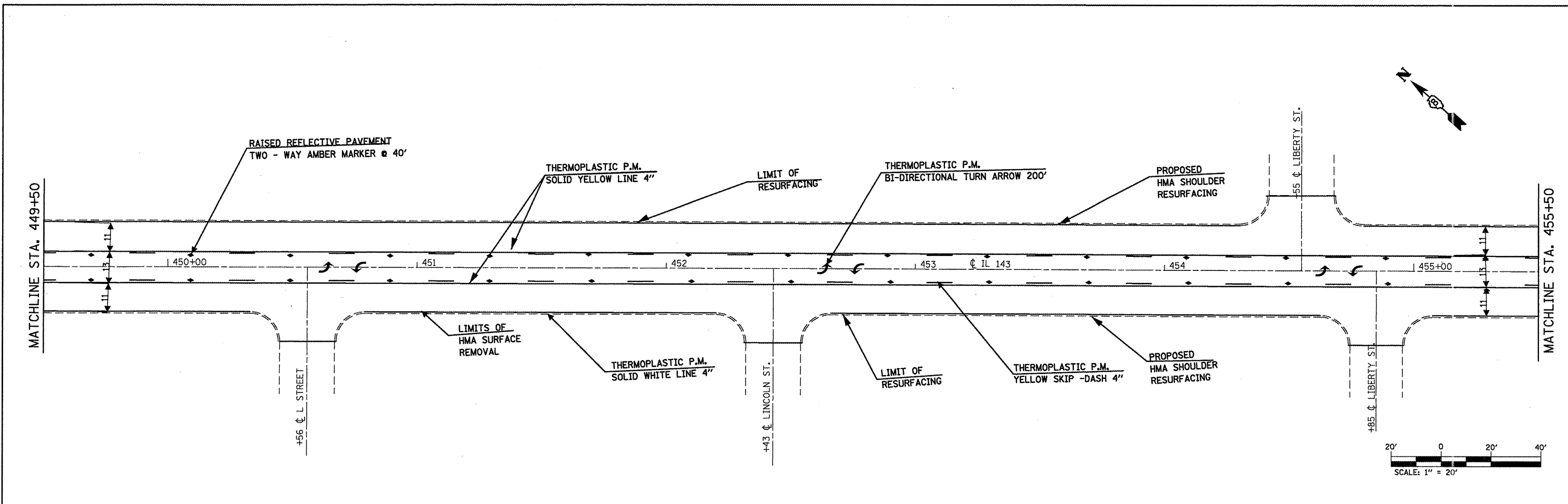
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#FILE#		DRAWN -	REVISED -
PLOT SCALE = #SCALE#		CHECKED -	REVISED -
PLOT DATE = #DATE#		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

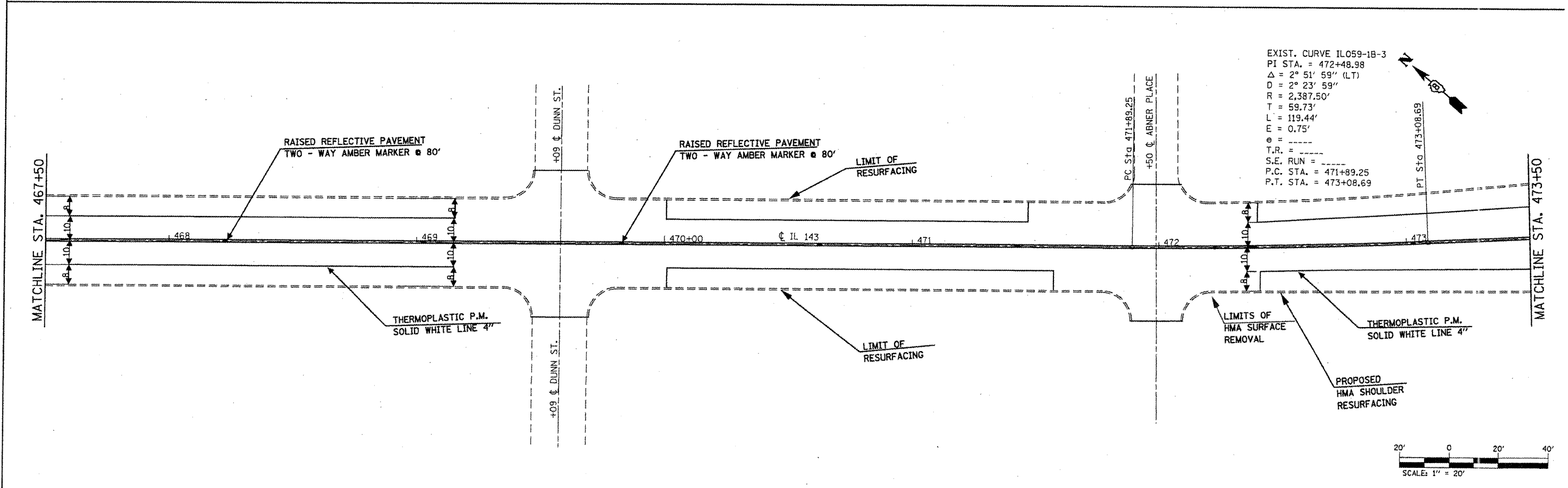
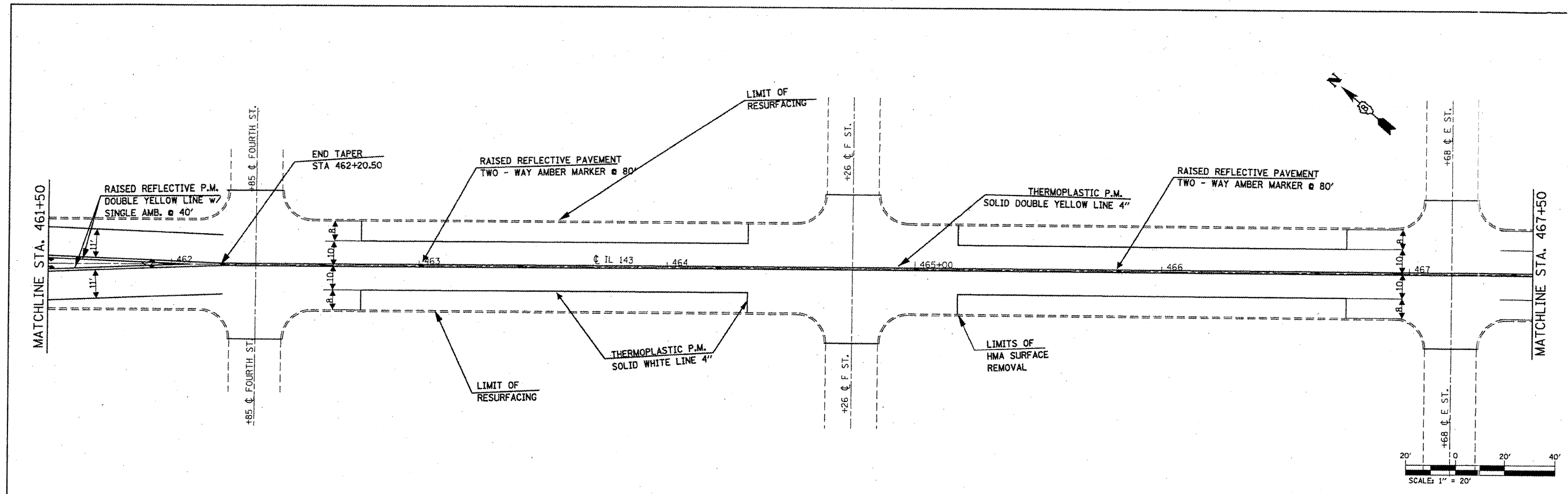
PLAN SHEET

SCALE: 1"=20' SHEET NO. 4 OF 7 SHEETS STA. 437+50 TO STA. 449+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	(7Z, 125) RS-4	MADISON	19	12
CONTRACT NO. 76E39			ILLINOIS FED. AID PROJECT	

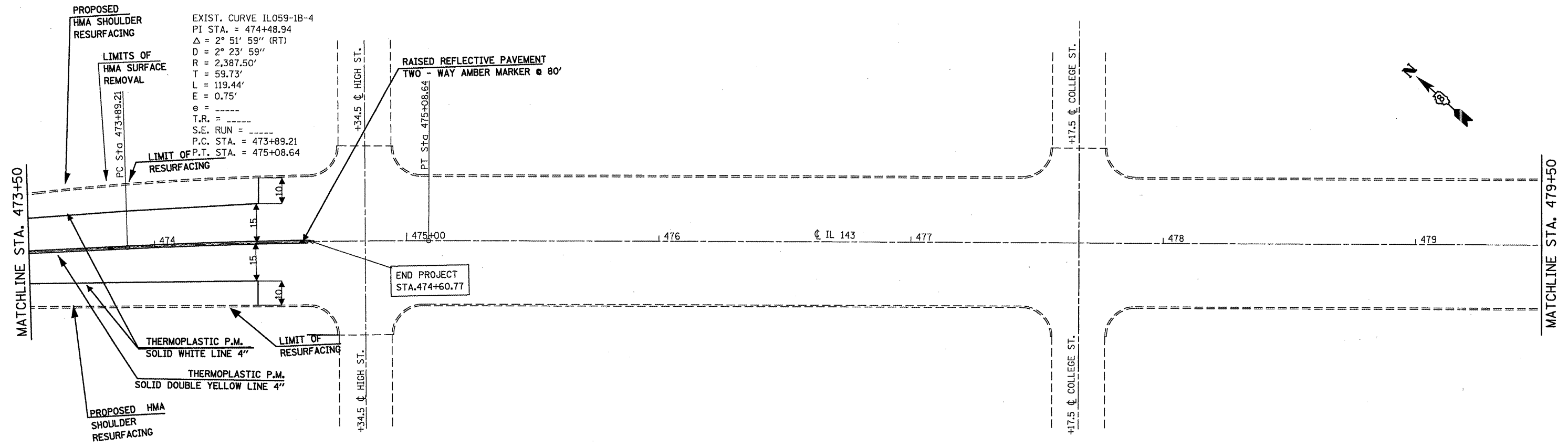


FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 5 OF 7 SHEETS	STA. 449+50 TO STA. 461+50	789	(7Z, 125) RS-4	MADISON	19	13	
		CHECKED -	REVISED -										CONTRACT NO. 76E39
		DATE -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				

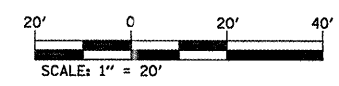
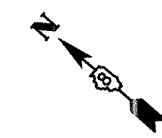
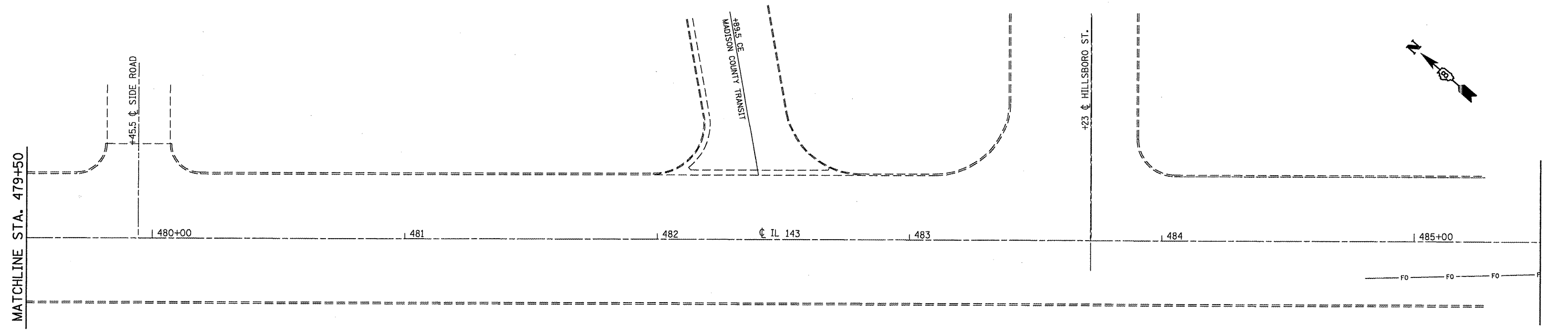
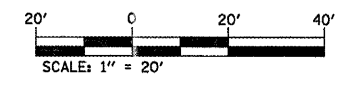
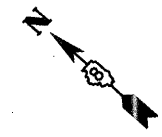


EXIST. CURVE IL059-1B-3
 PI STA. = 472+48.98
 $\Delta = 2^\circ 51' 59''$ (LT)
 $D = 2^\circ 23' 59''$
 $R = 2,387.50'$
 $T = 59.73'$
 $L = 119.44'$
 $E = 0.75'$
 $\theta =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 471+89.25$
 $P.T. STA. = 473+08.69$

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 6 OF 7 SHEETS	789	(7Z, 125) RS-4	MADISON	19	14
		CHECKED -	REVISED -		STA. 461+50	TO STA. 473+50	CONTRACT NO. 76E39				
		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



EXIST. CURVE ILO59-1B-4
 PI STA. = 474+48.94
 $\Delta = 2^\circ 51' 59''$ (RT)
 $D = 2^\circ 23' 59''$
 $R = 2,387.50'$
 $T = 59.73'$
 $L = 119.44'$
 $E = 0.75'$
 $\phi = \dots$
 T.R. = \dots
 S.E. RUN = \dots
 P.C. STA. = 473+89.21
 P.T. STA. = 475+08.64



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.P. RTE. 789	SECTION (7Z, 125) RS-4	COUNTY MADISON	TOTAL SHEETS 19	SHEET NO. 15	
#FILEL#	PLOT SCALE = #SCALE#	DRAWN -	REVISED -		SCALE: 1"=20'	SHEET NO. 7 OF 7 SHEETS	STA. 473+50 TO STA. 474+60.77	CONTRACT NO. 76E39					
	PLOT DATE = #DATE#	CHECKED -	REVISED -					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -										

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0021		
80300100	LOCATING UNDERGROUND CABLE	FOOT	100	100		
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	15	15		
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1655	1655		
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1318	1318		
87701330	STEEL MAST ARM ASSEMBLY AND POLE, 60 FT. (SPECIAL)	EACH	1	1		
87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21	21		
88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5	5		
88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4	4		
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4	4		
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4	4		
88200100	TRAFFIC SIGNAL BACKPLATE	EACH	9	9		
88600600	DETECTOR LOOP REPLACEMENT	FOOT	1652	1652		
89502200	MODIFY EXISTING CONTROLLER	EACH	1	1		
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1	1		
89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	537	537		
89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	3269	3269		
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	1		
X0325592	REMOVE AND REPLACE STONE RIPRAP	CU YD	20	20		

TRAFFIC SIGNALS LEGEND

- PVCC POLYVINYL CHLORIDE CONDUIT
- EXISTING SIGNAL HEAD
- EXISTING TRAFFIC SIGNAL MAST ARM
- EXISTING HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING DETECTOR LOOP
- EXISTING CONTROLLER
- EXISTING STREET NAME SIGN/TRAFFIC SIGN
- EXISTING SERVICE INSTALLATION
- EXISTING CONDUIT
- PROPOSED SIGNAL HEAD WITH BACKPLATE, MAST ARM MOUNTED
- PROPOSED DETECTOR LOOP
- PROPOSED CONDUIT: "T" TRENCH, "P" PUSH, SIZE SPECIFIED
- PROPOSED STREET NAME SIGN/TRAFFIC SIGN
- PROPOSED SIGNAL

DETECTOR LOOP REQUIREMENTS AND CALCULATIONS FOR IL 143 AND IL 159

LOOP	PHASE (Ø)	LOOP SIZE(FT)	REQUIRED # OF TURNS	CALCULATED INDUCTANCE MICROHENRIES (µH)	CALCULATED RESISTANCE OHMS (Ω)
1. SEB CCO	6	6 X 6	6	373.7	3.1
2. SEB CCO	6	6 X 6	6	365.3	2.9
3. SEB LT CD	1	6' X 50'-0"	3-6-3	839.2	2.8
4. SEB THRU CD	6	6' X 50'-0"	3-6-3	831.1	2.6
5. SEB RT CD	6	6' X 20'-0"	3-6-3	382.2	1.7
6. NEB CCO	4	6 X 6	6	NA	NA
7. NEB THRU/LT CD	4	6' X 50'-0"	3-6-3	808.9	2.1
8. NEB RT CD	4	6' X 20'-0"	3-6-3	360	1.2
9. NWB CCO	2	6 X 6	6	NA	NA
10. NWB CCO	2	6 X 6	6	NA	NA
11. NWB LT CD	5	6' X 50'-0"	3-6-3	821.4	2.4
12. NWB THRU CD	2	6' X 50'-0"	3-6-3	818.3	2.3
13. NWB RT CD	2	6' X 40'-0"	3-6-3	665.5	2
14. SWB CCO	3	6 X 6	6	NA	NA
15. SWB THRU/LT CD	3	6' X 50'-0"	3-6-3	841.9	2.9
16. SWB RT CD	3	6' X 45'-0"	3-6-3	765.3	2.7

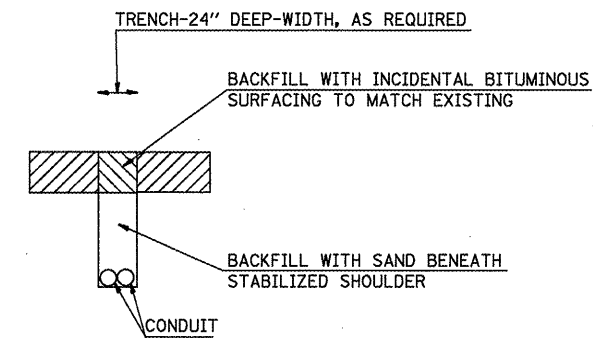
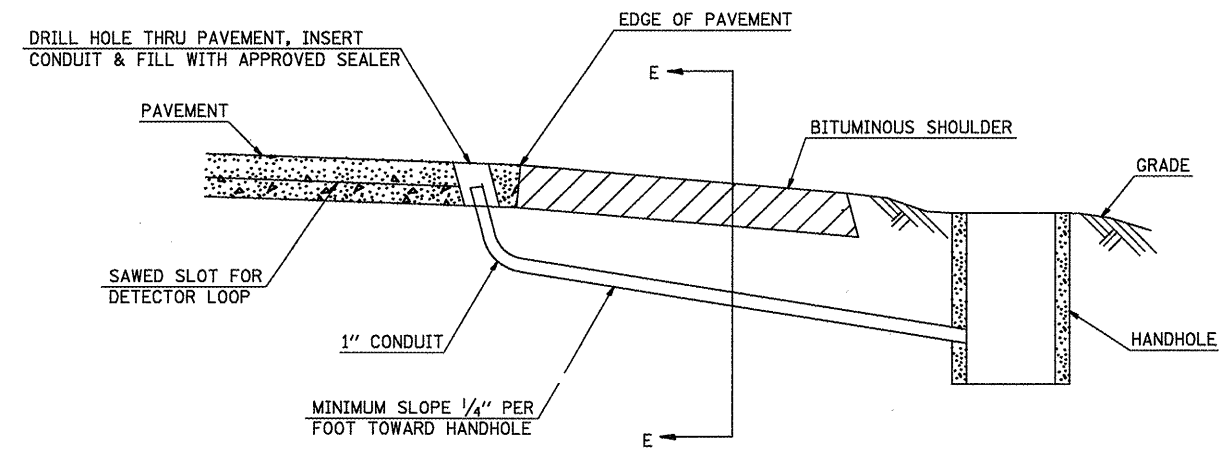
THE ABOVE VALUES ARE CALCULATED OF COMBINED LOOP AND LEAD-IN INDUCTANCE AND RESISTANCE. ACTUAL MEASURED VALUES SHOULD BE WITHIN +/- 20% OF THESE VALUES.

STANDARDS

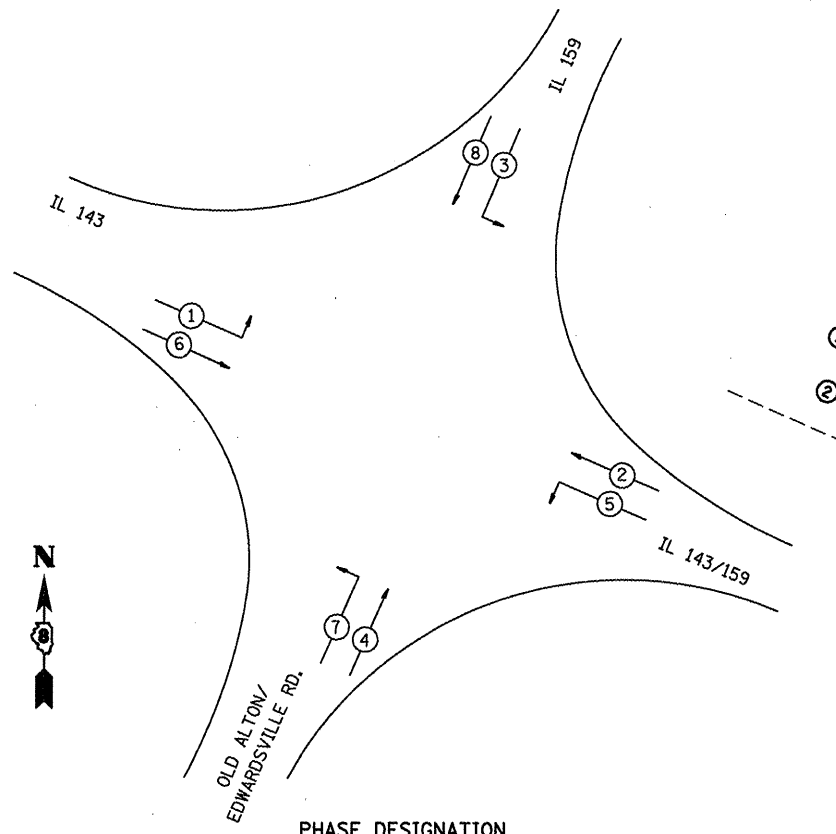
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- 878001-08 880006-01 886001-01
- 886006-01

TRAFFIC SIGNAL GENERAL NOTES

- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL HAVE 12" SECTIONS. MOUNTING HARDWARE SHALL BE UNPAINTED ALUMINUM. ALL BOLTS, SCREWS, NUTS AND WASHERS SHALL BE STAINLESS STEEL. ANTI-SEIZE PASTE COMPOUND SHALL BE USED ON ALL MOUNTING HARDWARE FIELD CONNECTIONS.
- BACKPLATES SHALL BE ABS PLASTIC.
- THE LOCATION OF MAST ARM SUPPORTS SHALL BE APPROVED BY THE ENGINEER BEFORE FOUNDATIONS ARE CONSTRUCTED. MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 10 FEET FROM THE EDGE OF PAVEMENT OR 2 FEET FROM THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. IN CURBED SECTIONS, THE MAST ARM POLES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM THE FACE OF THE CURB. THESE DISTANCES ARE TO THE NEAR FACE OF THE MAST ARM POLE.
- ALL TRAFFIC SIGNAL CABLES SHALL BE #14 AWG STRANDED COPPER UNLESS OTHERWISE SPECIFIED. TERMINAL ENDS SHALL HAVE CRIMPED-ON RING TONGUE CONNECTORS.
- THE LOCATION OF ALL DETECTOR LOOPS SHALL BE APPROVED BY THE ENGINEER BEFORE ANY SLOTS ARE SAWED IN THE PAVEMENT.
- DETECTOR LOOP LEAD-IN SPLICES SHALL BE MADE IN A HANDHOLE PER SECTION 873 OF THE STANDARD SPECIFICATIONS. CONDUCTORS SHALL BE SPLICED IN A RIGID MOLD FILLED WITH NON-HARDENING EPOXY FILLER. ROSIN-CORE SOLDER SHALL BE USED.
- THE HANDHOLE COVER CAST IN PLACE LEGEND SHALL READ "TRAFFIC SIGNALS". SLOPE HANDHOLE COVERS TO MATCH PROPOSED GRADE ELEVATIONS.
- DETECTOR LOOPS SHALL BE SAWED INTO THE PAVEMENT AFTER MILLING AND PRIOR TO INSTALLING THE FINAL HMA SURFACE.

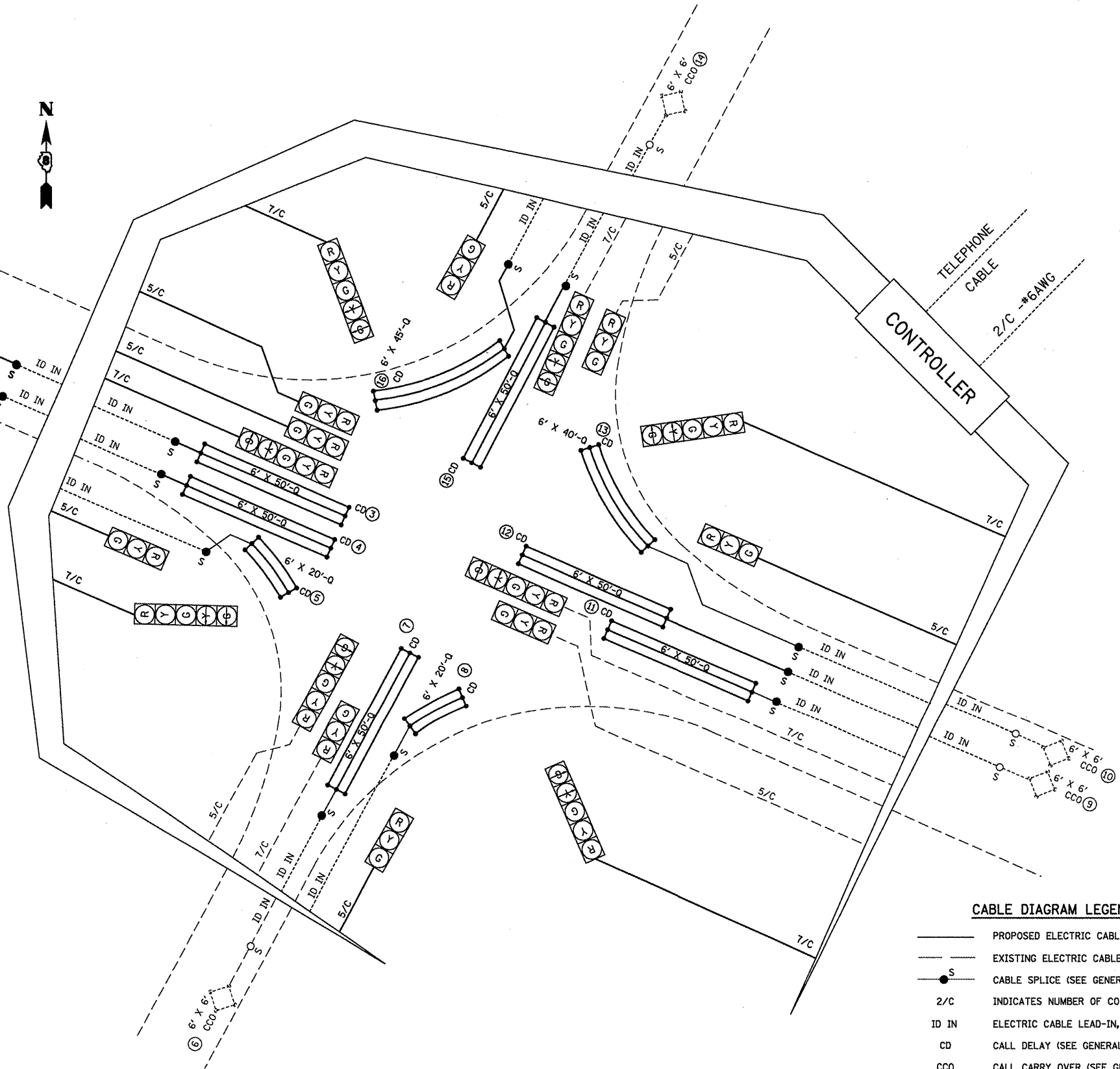


DETAIL A
TRENCH AND BACKFILL FOR ELECTRICAL WORK (SPECIAL)
(NO SCALE)



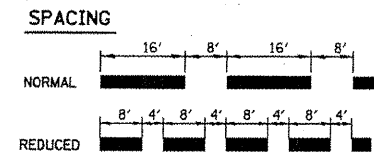
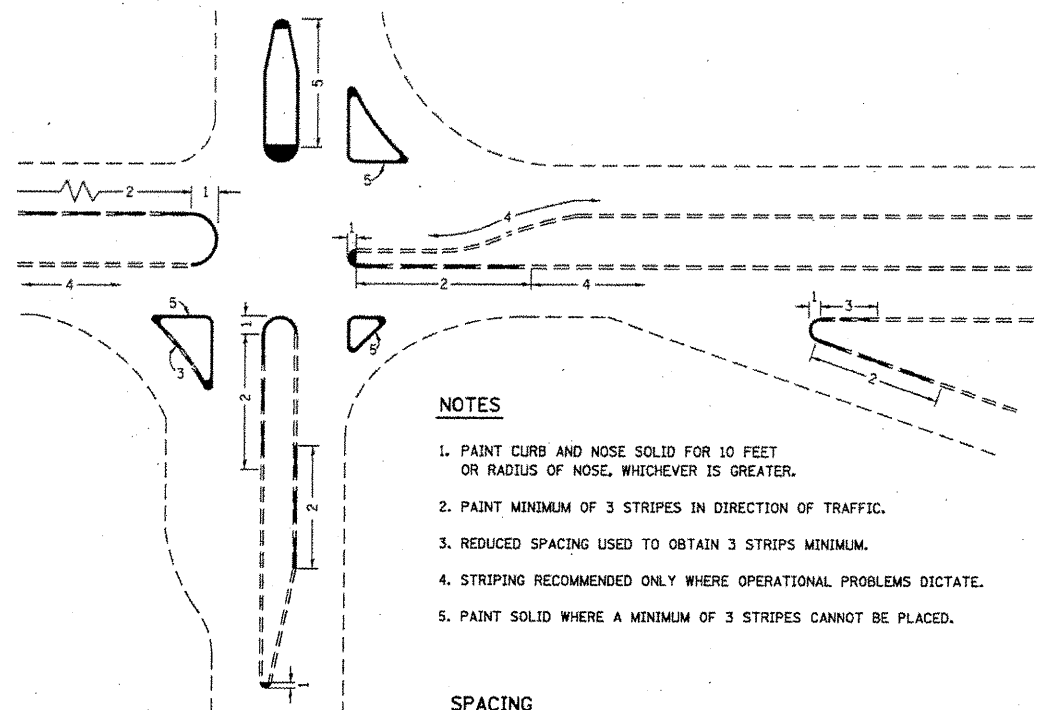
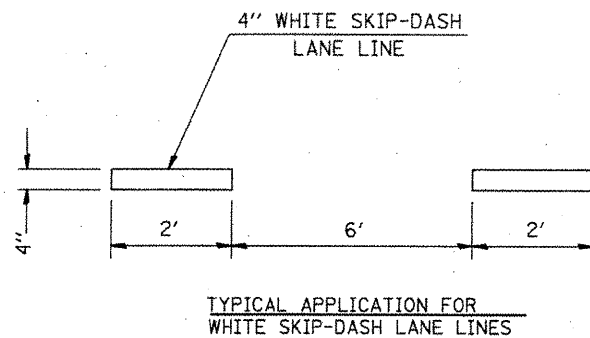
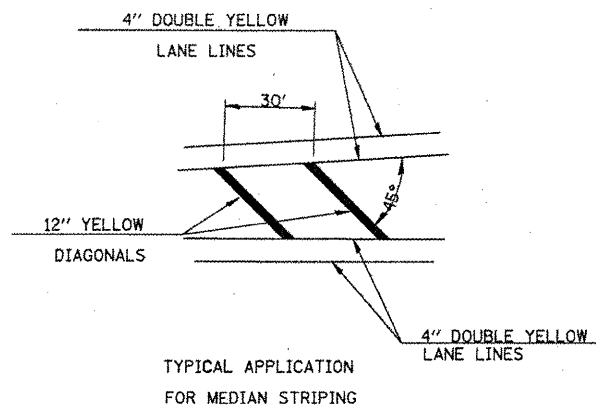
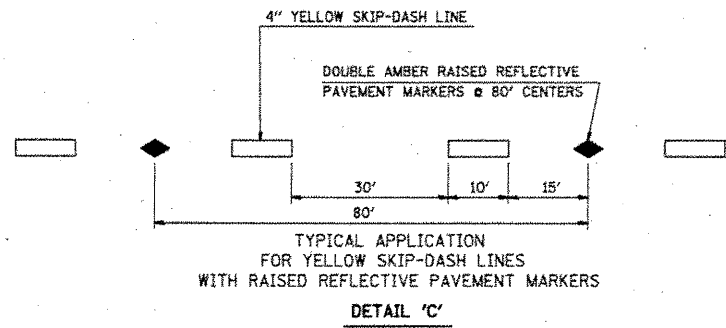
PHASE DESIGNATION DIAGRAM

EXISTING SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT							NOT	NOT
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	NONE	NONE	1 OR 2	1 OR 2	USED	USED
PROPOSED SEQUENCE OF OPERATION								
PHASE	1	2	3	4	5	6	7	8
MOVEMENT								
CONCURRENT MOVEMENT PERMITTED	5 OR 6	5 OR 6	7 OR 8	7 OR 8	1 OR 2	1 OR 2	3 OR 4	3 OR 4

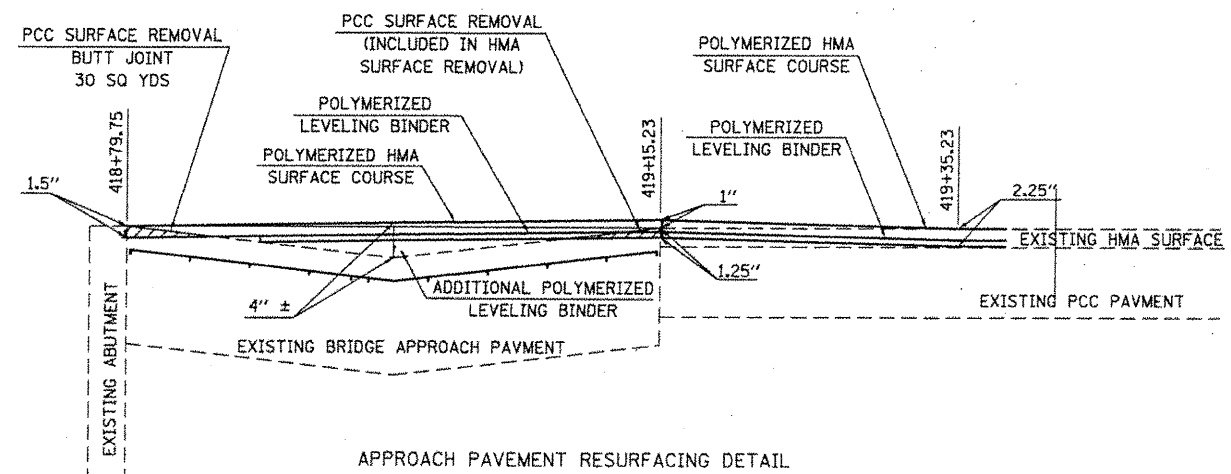
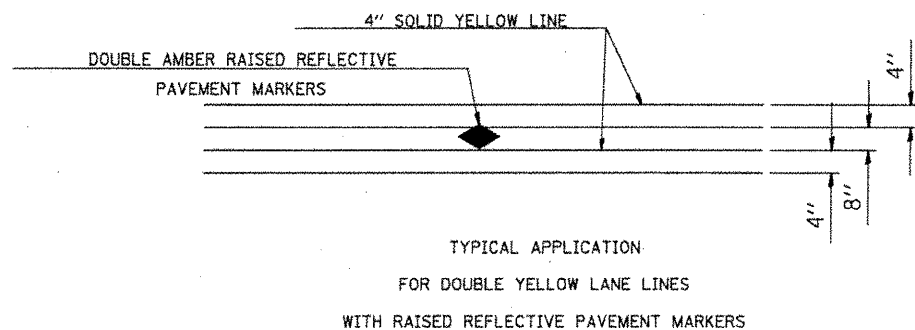
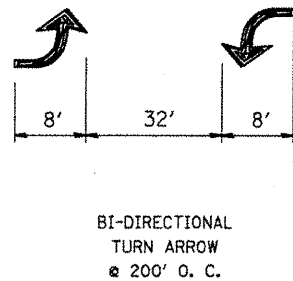
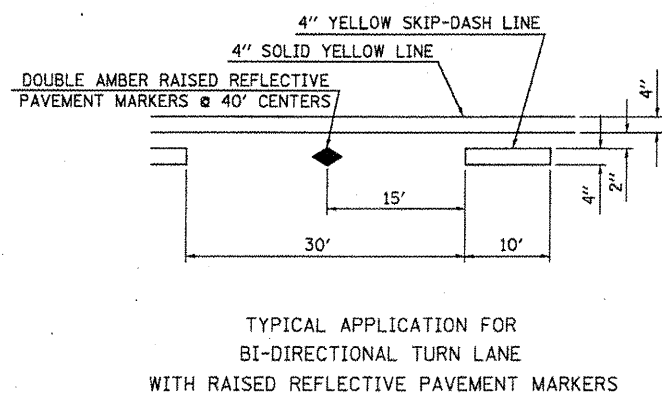


CABLE DIAGRAM LEGEND

- PROPOSED ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- CABLE SPLICE (SEE GENERAL NOTES)
- INDICATES NUMBER OF CONDUCTORS IN CABLE
- ELECTRIC CABLE LEAD-IN, 1 PAIR
- CALL DELAY (SEE GENERAL NOTES)
- CALL CARRY OVER (SEE GENERAL NOTES)
- SERVICE INSTALLATION
- *6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)



CURB MARKING



FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -
#FILE#		DRAWN -	REVISED -
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -
	PLOT DATE = #DATE#	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
789	(72, 125)RS-4	MADISON	19	19
CONTRACT NO. 76E39			ILLINOIS FED. AID PROJECT	