

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, PE, SCHAUMBURG, IL

02-27-2026 LETTING ITEM 069

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

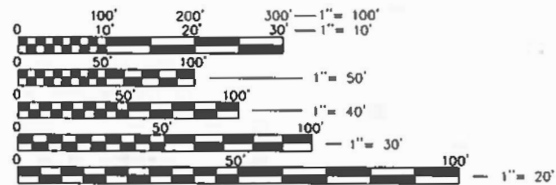
FOR INDEX SHEETS, SEE SHEET NO. 2
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

BARRINGTON AVENUE
DESIGN DESIGNATION: MINOR COLLECTOR
CURRENT ADT = 2000 (2023)
PROJECTED ADT = 4000 (2040)
POSTED & DESIGN SPEED: 25 M.P.H.

**FAU ROUTE 1286 BARRINGTON AVENUE:
VAN BUREN STREET TO ILLINOIS
ROUTE 68 (PENNY AVE.)
RESURFACING**

**SECTION NO.: 24-00050-00-RS
PROJECT NO.: 8S99(995)
JOB NO.: C-91-134-25**

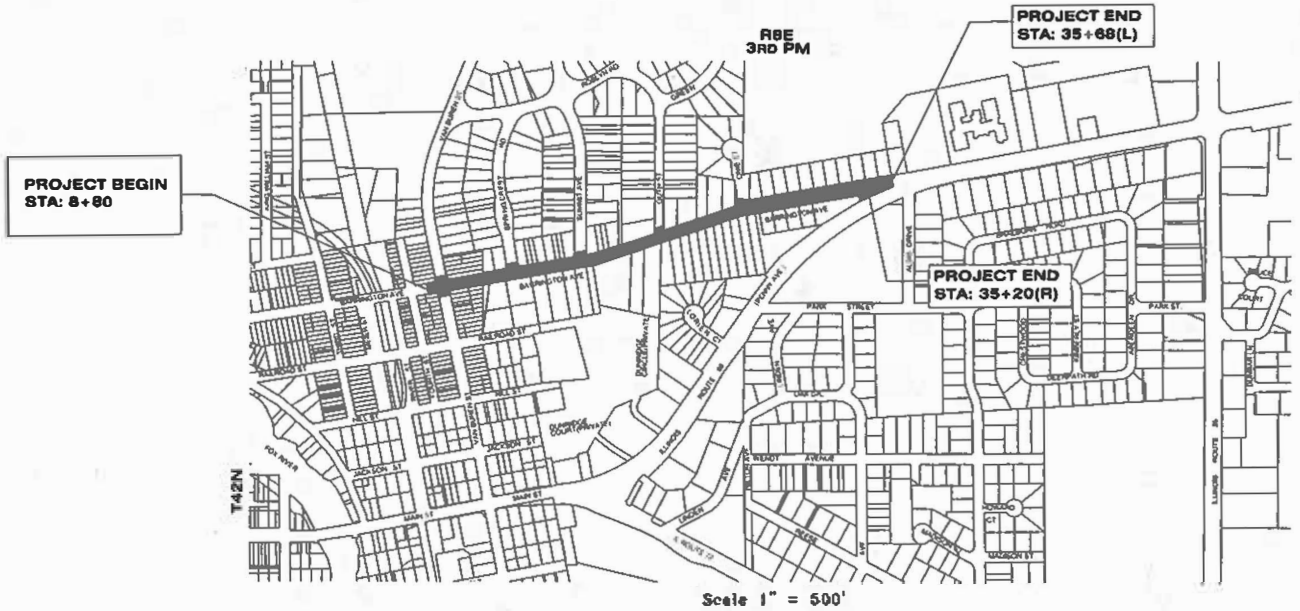
**VILLAGE OF EAST DUNDEE
KANE COUNTY**



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.
FOR UNDERGROUND UTILITY LOCATION
CALL J.U.L.I.E., TOLL FREE
PHONE NO.: 811

CONTRACT NO. 61L66



DUNDEE TOWNSHIP

GROSS LENGTH OF IMPROVEMENT - 2888 FEET (0.51 MILES)
NET LENGTH OF IMPROVEMENT - 2888 FEET (0.51 MILES)

GERALD L. HEINZ & ASSOCIATES, INC.
208 NORTH RIVER STREET
EAST DUNDEE, ILLINOIS
PHONE: (847) 428-4535
STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-002048 (EXPIRE 4-30-2027)



Joseph D. Heinz
JOSEPH D. HEINZ, P.E.
ILLINOIS REGISTERED PROFESSIONAL ENGINEER
NO. 51301 (LICENSE EXPIRES 11-30-27)
DESIGN FIRM REGISTRATION NO. 184-002048

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1286	24-00050-00-RS	KANE	21	1
		ILLINOIS	CONTRACT NO. 61L66	



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS	
APPROVED	December 18th 20 25 <i>[Signature]</i>
VILLAGE OF EAST DUNDEE DIRECTOR OF PUBLIC WORKS	
PASSED	DEC 30 20 25 <i>[Signature]</i>
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS	
RELEASING FOR BID BASED ON LIMITED REVIEW	January 5 20 26 <i>[Signature]</i>
DEPUTY DIRECTOR OF HIGHWAYS, REGION 1 ENGINEER	

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GLHA JOB NO. ED-1984, DATE: 02-04-2025
REVISED 08-04-2025
12-17-2025

INDEX OF SHEETS		LEGEND	
SHEET NO.	DESCRIPTION		
1	COVER SHEET		
2	INDEX OF SHEETS, GENERAL NOTES, LISTING OF HIGHWAY STANDARDS		
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19	DISTRICT ONE TYPICAL PAVEMENT MARKING (TC-13)		
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STANDARDS			
000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS		
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424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS		
424011-06	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS		
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS		
424021-07	DEPRESSED CORNER FOR SIDEWALKS		
442201-04	CLASS C AND D PATCHES		
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606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER		
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE		
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS		
701311-03	LANE CLOSURE, 2L 2W MOVING OPERATIONS - DAY ONLY		
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED		
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION		
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE		
701901-11	TRAFFIC CONTROL DEVICES		
780001-05	TYPICAL PAVEMENT MARKING		
A. GENERAL NOTES			
1. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THESE ENGINEERING PLANS AS PREPARED BY GERALD L. HEINZ & ASSOCIATES, INC. FOR THE VILLAGE. PROPER CONSTRUCTION TECHNIQUES AND SAFETY PROCEDURES REQUIRED BY OSHA MUST BE FOLLOWED DURING INSTALLATION OF IMPROVEMENTS INDICATED ON THE ENGINEERING PLANS.		12. SPECIAL CARE SHALL BE TAKEN IN EXCAVATING AND GRADING NEAR UTILITIES AND TREES TO BE SAVED IN ORDER TO AVOID UNNECESSARY DAMAGE. CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREE SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.	
2. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:		13. ANY SALVAGEABLE MATERIAL SHALL BECOME THE PROPERTY OF THE VILLAGE OF EAST DUNDEE AND SHALL BE STOCKPILED WITHIN THE RIGHT-OF-WAY LIMITS BY THE CONTRACTOR AT A LOCATION SPECIFIED BY THE ENGINEER FOR PICK-UP BY THE VILLAGE.	
A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.		14. REMOVED PAVEMENT, SIDEWALK, ABUTMENTS, ETC., SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT-OF-WAY AT LOCATIONS PROVIDED OR ARRANGED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE SAWING OF EXISTING HMA OR CONCRETE AREAS NECESSARY FOR THE REMOVAL OF ITEMS NOTED ON PLANS, SHALL BE AS SPECIFIED IN ARTICLE 440.03 OF THE STANDARD SPECIFICATIONS, OR AS DIRECTED BY THE ENGINEER.	
B. TRAFFIC CONTROL SIGNS REMOVED MUST BE RE-ERECTED AT TEMPORARY LOCATIONS IN A WORKMANLIKE MANNER AND VISIBLE TO TRAFFIC ON THE STREET OR HIGHWAY. ALL SUCH SIGNS MUST BE MAINTAINED STRAIGHT AND NEAT APPEARING FOR THE DURATION OF THE TEMPORARY SETTING.		15. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.	
3. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE PROTECTION FOR THE TRAFFIC AS DIRECTED BY THE ENGINEER AND AS CALLED FOR IN THE TYPICAL APPLICATIONS OF THE TRAFFIC CONTROL DEVICES FOR ALL WORK ALONG EXISTING PAVEMENTS.		16. THE THICKNESS OF HMA MIXTURES SHOWN ON THE TYPICAL SECTION AND PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACE OR BASES ON WHICH THE HMA MIXTURES ARE TO BE PLACED.	
4. WHEN, DURING CONSTRUCTION OPERATIONS, ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR DRAINAGE STRUCTURES SO THAT NATURAL FLOW OF WATER IS OBSTRUCTED, IT SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL DRAINAGE STRUCTURES, EFFECTED BY THE WORK UNDER THIS CONTRACT SHALL BE CLEANED AND LEFT FREE FROM DIRT AND OTHER DEBRIS.			
5. VERTICAL DATUM IS: NAVD 88			
6. ANY REFERENCE TO STANDARDS WITHIN THESE PLANS OR THE SPECIAL PROVISIONS SHALL BE INTERPRETED TO MEAN THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION AS SHOWN ON THIS SHEET.			
7. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING JOINT UTILITY LOCATING INFORMATION FOR EXCAVATION (J.U.L.I.E.) AT 811 AND THE VILLAGE OF EAST DUNDEE (PHIL COTTER, 847-844-1256) AT LEAST FORTY-EIGHT (48) HOURS BEFORE COMMENCING CONSTRUCTION TO VERIFY IN THE FIELD THE LOCATION OF ALL UNDERGROUND INSTALLATIONS AND TO ARRANGE FOR THE ADJUSTMENT OR MOVING OF UTILITIES WHICH WILL CONFLICT WITH THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT.			
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNER OF ALL EXISTING UTILITIES TO ARRANGE FOR THE ADJUSTMENT OR MOVING OF UTILITIES WHICH WILL CONFLICT WITH THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT, IF NECESSARY, PRIOR TO COMMENCING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.			
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND PRESERVE ALL PROPERTY PINS WHICH ARE LOCATED AND MARKED BY THE VILLAGE ENGINEER PRIOR TO CONSTRUCTION. SHOULD IT BE NECESSARY THAT ANY OF THESE MARKED PROPERTY PINS BE REMOVED DUE TO THE CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING. THE ENGINEER SHALL TIE-IN THE PROPERTY CORNER BY OFFSET MEASUREMENTS AND SHALL BE RESPONSIBLE FOR RESETTING SAME. IF THE CONTRACTOR FAILS TO NOTIFY THE ENGINEER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING THE PROPERTY PIN. THIS WORK SHALL BE PERFORMED BY AN ILLINOIS SURVEYOR APPROVED BY THE ENGINEER.			
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES WHETHER OR NOT THEY ARE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AND THE UTILITY OWNER.			
11. ALL EXISTING STORM SEWERS, CULVERTS, FIELD TILE DRAINS, CATCH BASINS, OR OTHER DRAINAGE STRUCTURES WHICH ARE DISTURBED BY CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO THE SATISFACTION OF THE ENGINEER.			

SUMMARY OF QUANTITIES

			CONSTRUCTION TYPE CODE
			STP FUNDS
			75% FEDERAL / 25% VILLAGE
			ROADWAY IMPROVEMENTS 0005- URBAN
CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
20101100	TREE TRUNK PROTECTION	EACH	1
20101200	TREE ROOT PRUNING	EACH	1
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	146
25000110	SEEDING, CLASS 1A	ACRE	0.25
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23
25100630	EROSION CONTROL BLANKET	SQ YD	146
35101400	AGGREGATE BASE COURSE, TYPE B	TON	31
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7094
40600370	LONGITUDINAL JOINT SEALANT	FOOT	3054
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	15
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	297
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	1177

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

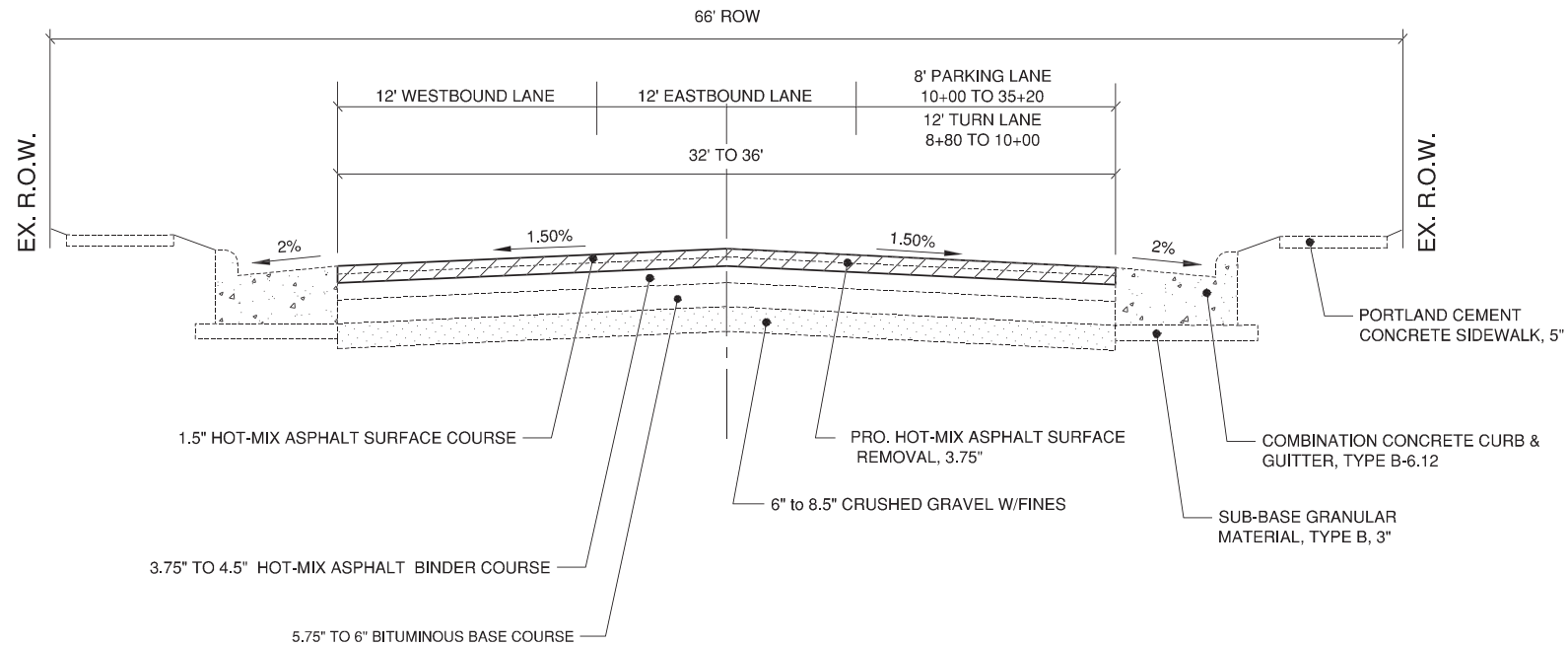
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1177
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1498
42400800	DETECTABLE WARNINGS	SQ FT	303
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	10511
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	372
44000600	SIDEWALK REMOVAL	SQ FT	1320
44201692	CLASS D PATCHES, TYPE II, 4 INCH	SQ YD	45
44201694	CLASS D PATCHES, TYPE III, 4 INCH	SQ YD	61
44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	400
60255500	MANHOLES TO BE ADJUSTED	EACH	1
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	3
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	330
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	42
67100100	MOBILIZATION	L SUM	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1

* SPECIALTY ITEM

SUMMARY OF QUANTITIES

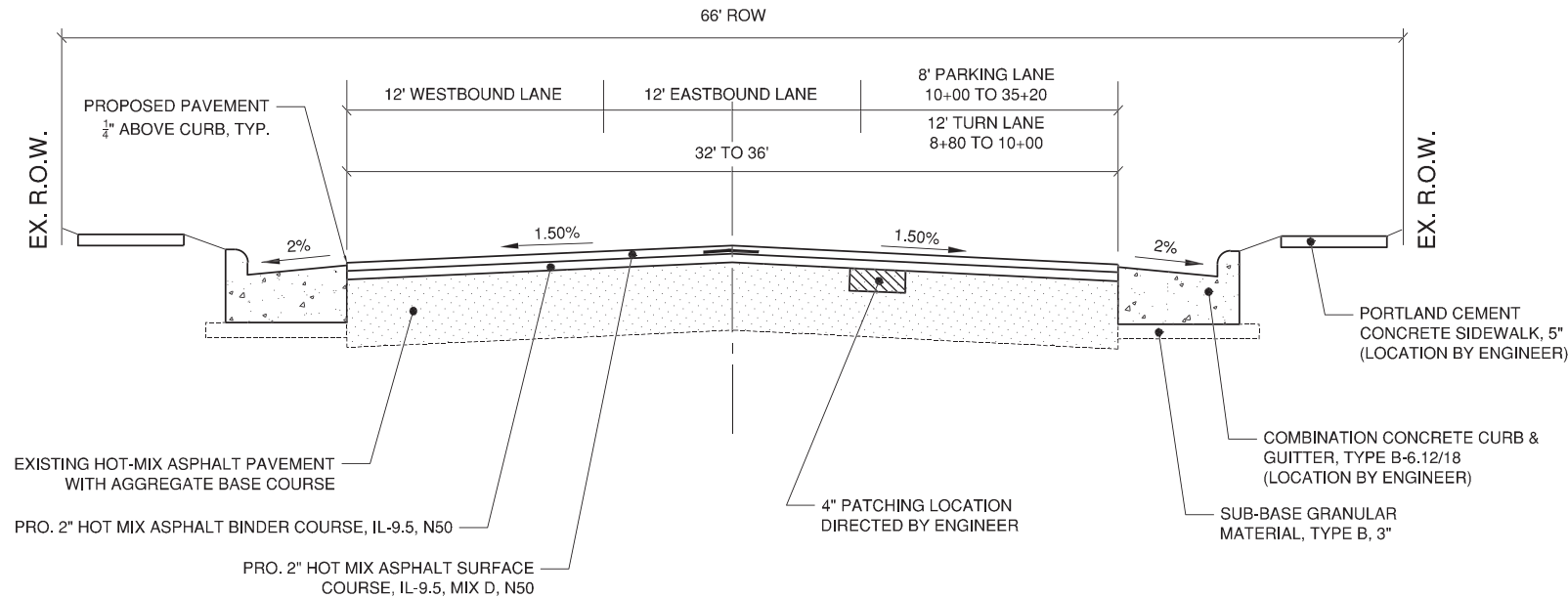
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1222
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	407
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	53
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	3228
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	682
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	241
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	184
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	53
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3228
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	682
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	241
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	184
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2077
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	52

* SPECIALTY ITEM



BARRINGTON AVENUE EXISTING TYPICAL CROSS-SECTION

STA: 8+80 TO 35+20



BARRINGTON AVENUE PROPOSED TYPICAL CROSS-SECTION

STA: 8+80 TO 35+20

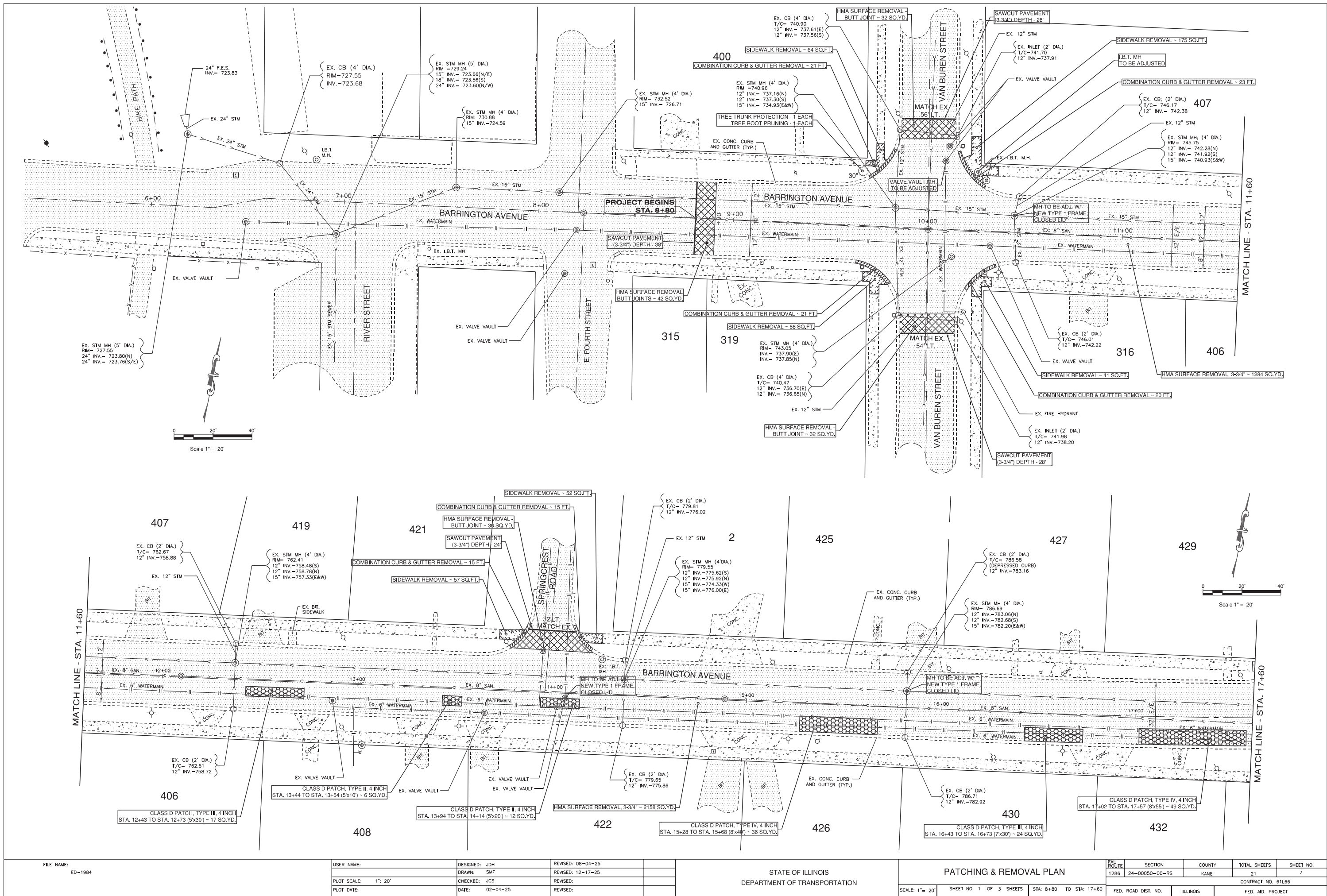
HOT -MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR VOIDS	QMP
PAVEMENT RESURFACING:		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 (2")	4% @ 50 GYR	LR1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50 (2")	4% @ 50 GYR	LR1030-2
PATCHING:		
CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 70 GYR	LR1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURES IS 112 LBS/SQ.YD./IN.
*THE "AC TYPE" FOR POLYMERIZED HMA SHALL BE "SBS/SBR PG 76-22" AND FOR
NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY
RECLAIMED MATERIALS SPECIFICATIONS.

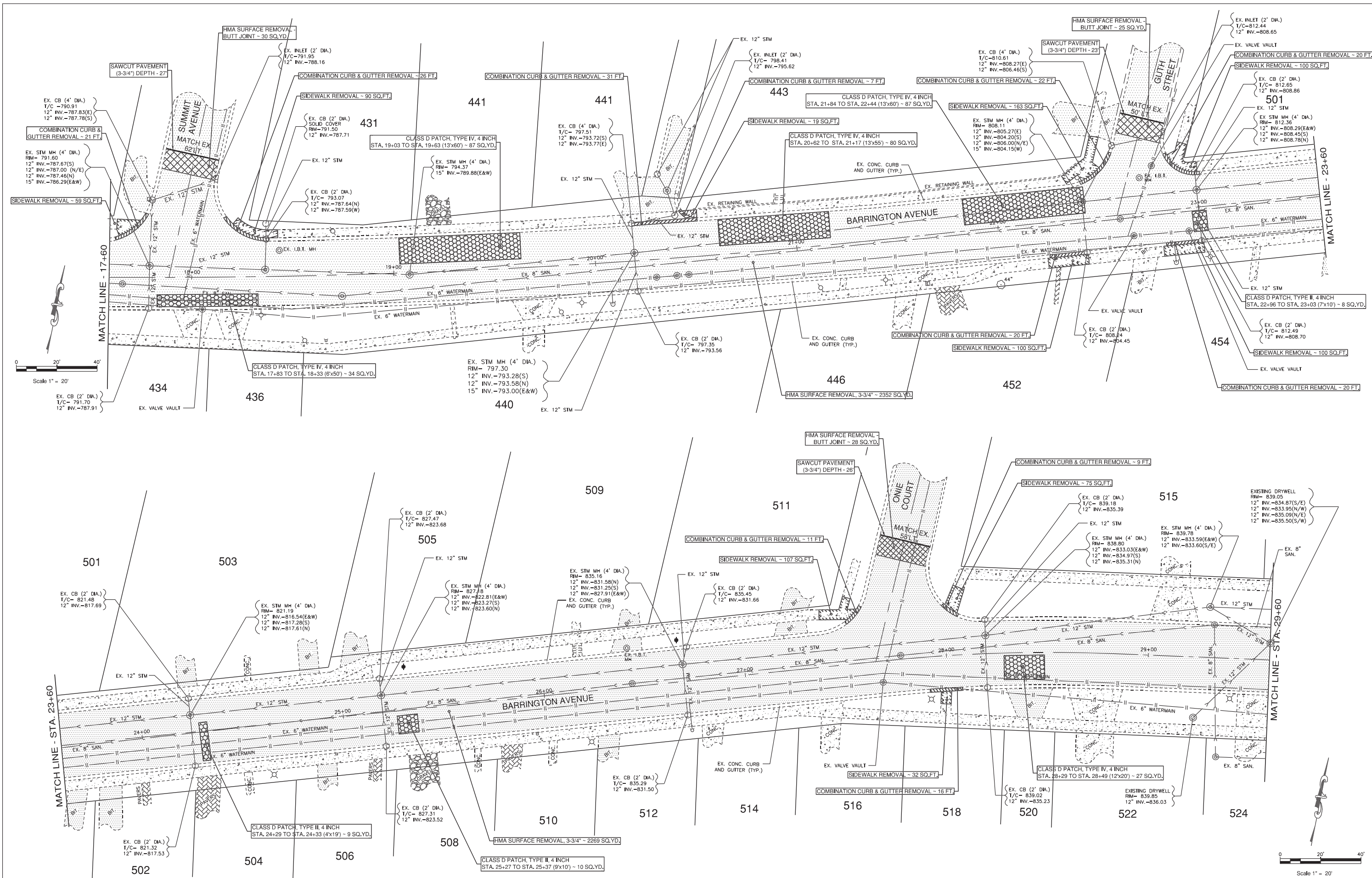
CLASS D PATCHES SCHEDULE

STATION	SIDE	SIZE	AREA (SQ.YD.)	TYPE II (5-14)	TYPE III (15-24)	TYPE IV (25+)
12+58	RIGHT	5 X 30	17		17	
13+49	RIGHT	5 X 10	6	6		
14+04	RIGHT	5 X 20	12	12		
15+88	RIGHT	8 X 40	36			36
16+58	RIGHT	7 X 30	24		24	
17+29	RIGHT	8 X 55	49			49
18+08	RIGHT	6 X 50	34			34
19+33	LEFT	13 X 60	87			87
20+90	LEFT	13 X 55	80			80
22+14	LEFT	13 X 60	87			87
23+01	RIGHT	7 X 10	8	8		
24+31	RIGHT	4 X 19	9	9		
25+32	RIGHT	9 X 10	10	10		
28+39	RIGHT	12 X 20	27			27
31+41	RIGHT	9 X 20	20		20	
TOTAL:				45	61	400

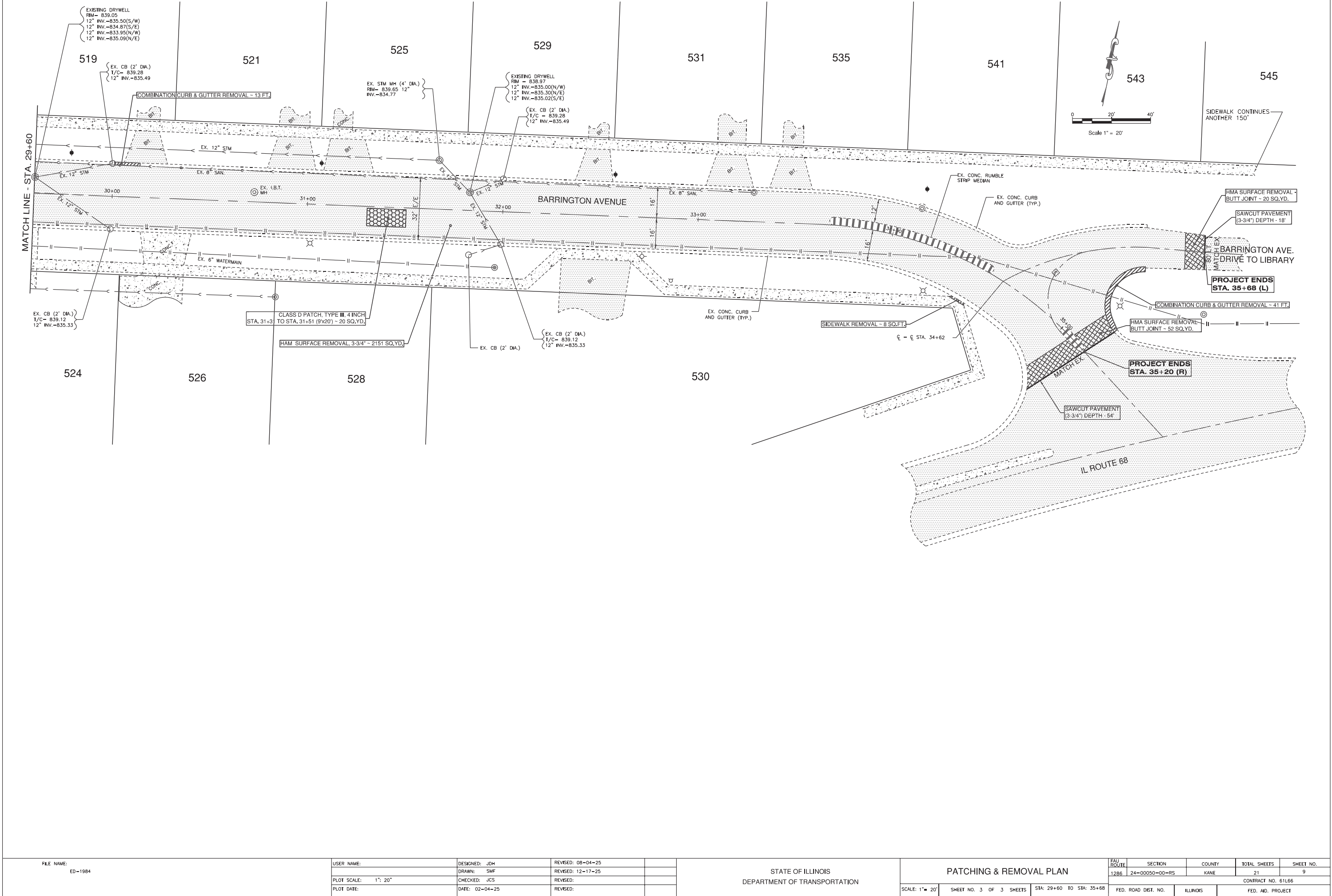
FILE NAME: ED-1984	GERALD L. HEINZ & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 206 NORTH RIVER STREET EAST DUNDEE, ILLINOIS 60118	USER NAME:	DESIGNED: JDH	REVISED: 08-04-25	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS AND PATCHING SCHEDULE			FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN: SMF	REVISED: 12-17-25					1286	24-00050-00-RS	KANE	21	6
		PLOT SCALE: NTS	CHECKED: JCS	REVISED:		CONTRACT NO. 61L66							
		PLOT DATE:	DATE: 02-04-25	REVISED:		SCALE: NTS	SHEET NO. 1 OF 1 SHEETS	STA: TO STA:	FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT		

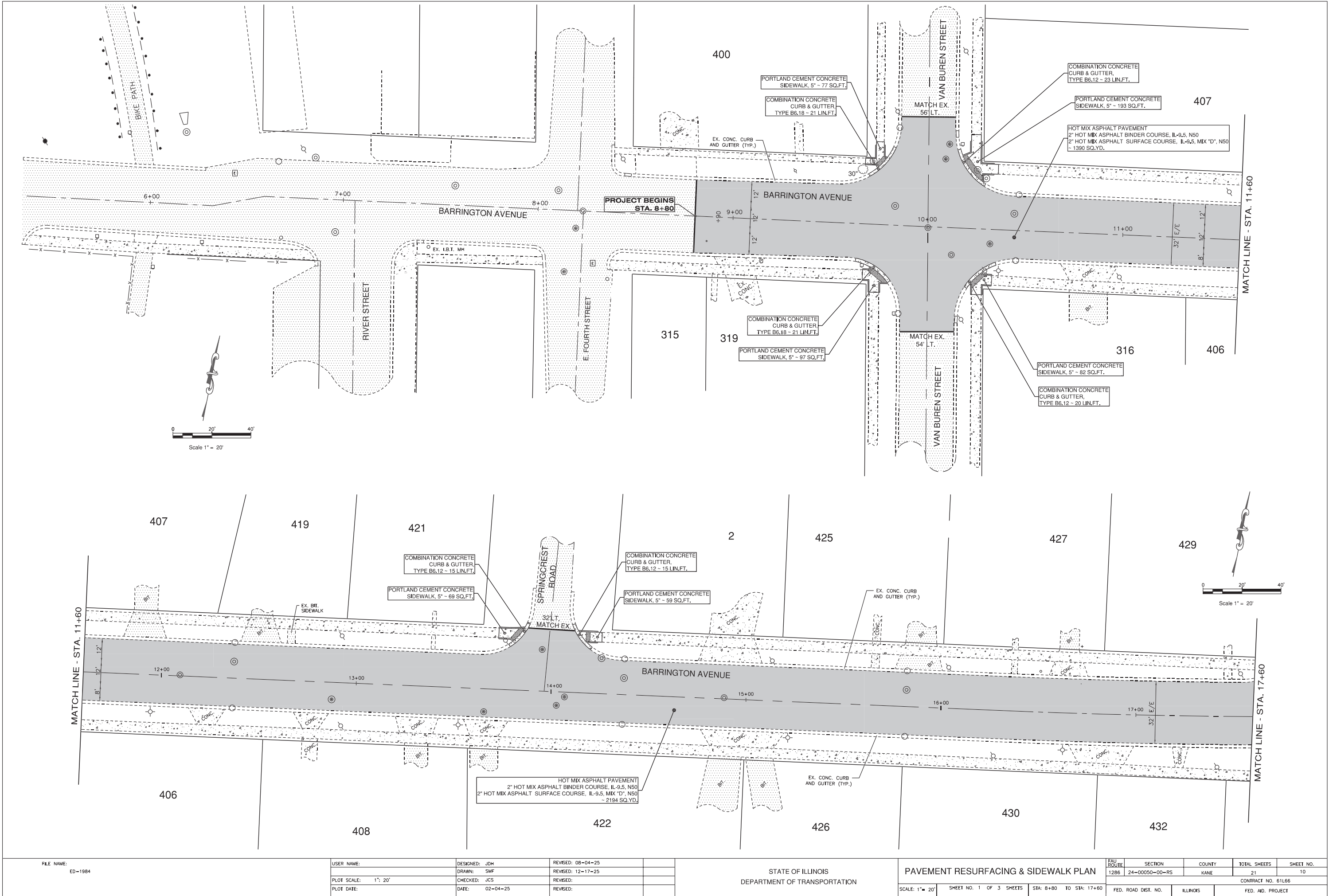


FILE NAME: ED-1984	USER NAME:	DESIGNED: JDM	REVISED: 08-04-25		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PATCHING & REMOVAL PLAN				FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN: SMF	REVISED: 12-17-25							1286	24-00050-00-RS	KANE	21	7
	PLOT SCALE: 1"= 20'	CHECKED: JCS	REVISED:			CONTRACT NO. 61L66								
	PLOT DATE:	DATE: 02-04-25	REVISED:			SCALE: 1"= 20'	SHEET NO. 1 OF 3 SHEETS	STA: 8+80 TO STA: 17+60	FED. ROAD DIST. NO.	ILLINOIS	FED. AID, PROJECT			

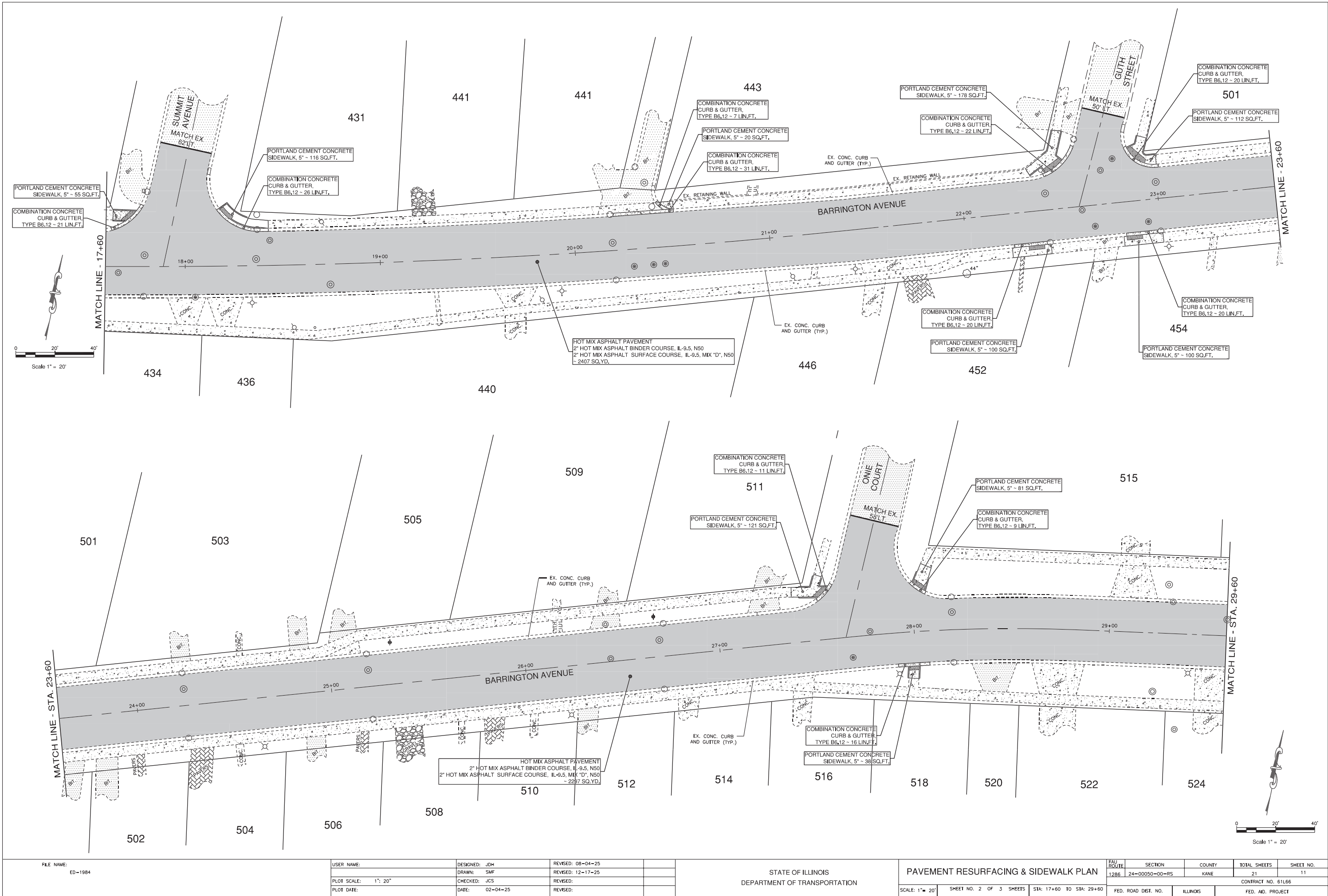


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		DRAWN: SMF	REVISED: 12-17-25				24-00050-00-RS	KANE	21	8			
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	PLOT DATE:	DATE: 02-04-25	REVISED:										
SCALE: 1"= 20'						SHEET NO. 2	OF 3	SHEETS	STA: 17+60	TO STA: 29+60	FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT

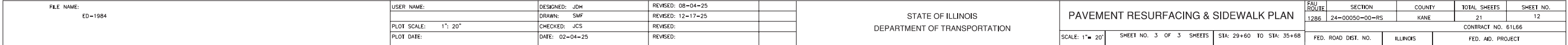


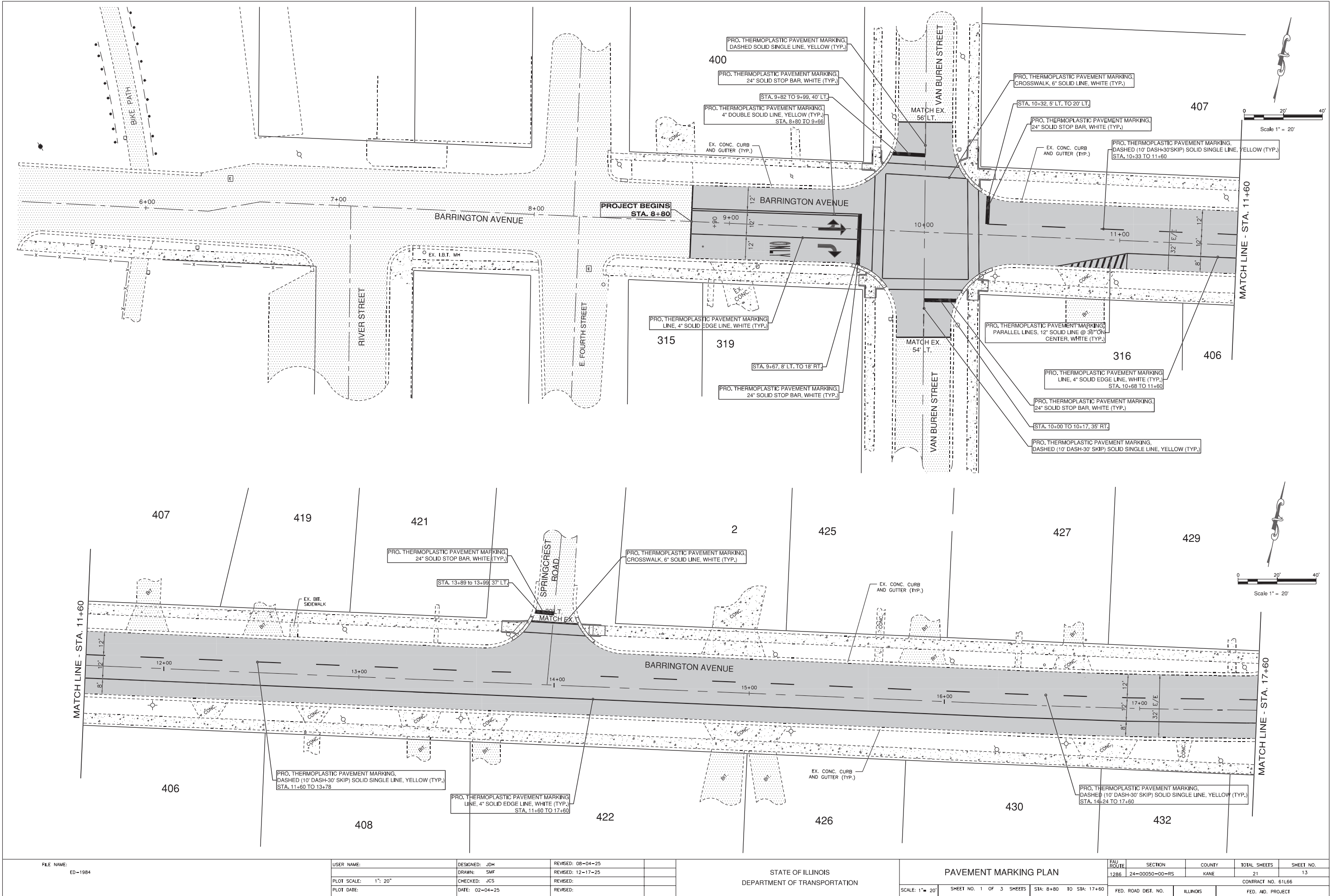


FILE NAME: ED-1984	USER NAME:		DESIGNED: JDH	REVISED: 08-04-25	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT RESURFACING & SIDEWALK PLAN		FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN: SMF		REVISED: 12-17-25	1286				24-00050-00-RS	KANE	21	10		
	PLOT SCALE: 1" = 20'		CHECKED: JCS	REVISED:		CONTRACT NO. 61L66							
	PLOT DATE:		DATE: 02-04-25	REVISED:		SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA: 8+80 TO STA: 17+60	FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT		

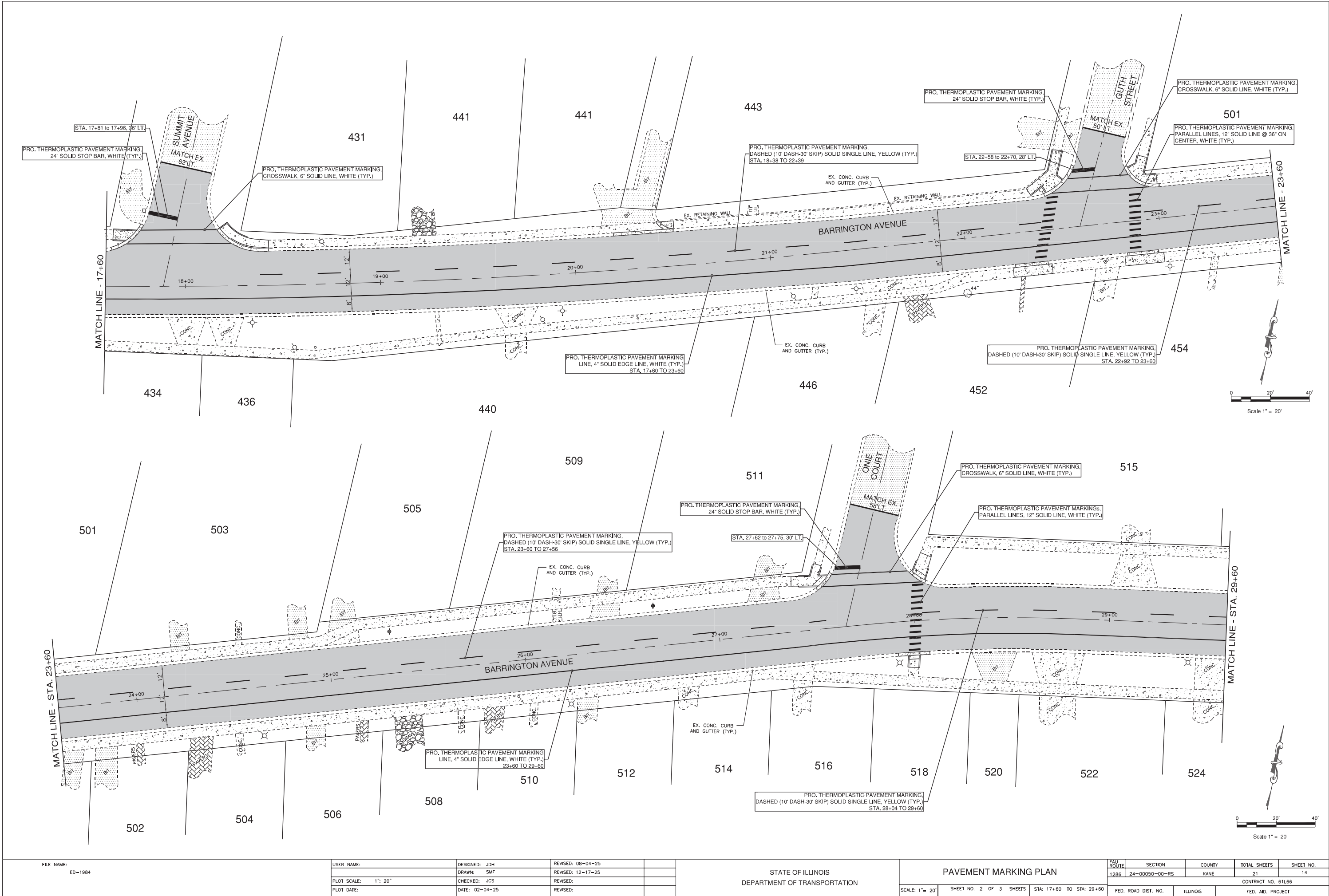


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		DRAWN: SMF	REVISED: 12-17-25				1286	24-00050-00-RS	KANE	21	11
	PLOT SCALE: 1" = 20"	CHECKED: JCS	REVISED:				CONTRACT NO. 61L66				
	PLOT DATE:	DATE: 02-04-25	REVISED:				SCALE: 1" = 20'	SHEET NO. 2 OF 3 SHEETS	STA: 17+60 TO STA: 29+60	FED. ROAD DIST. NO.	ILLINOIS

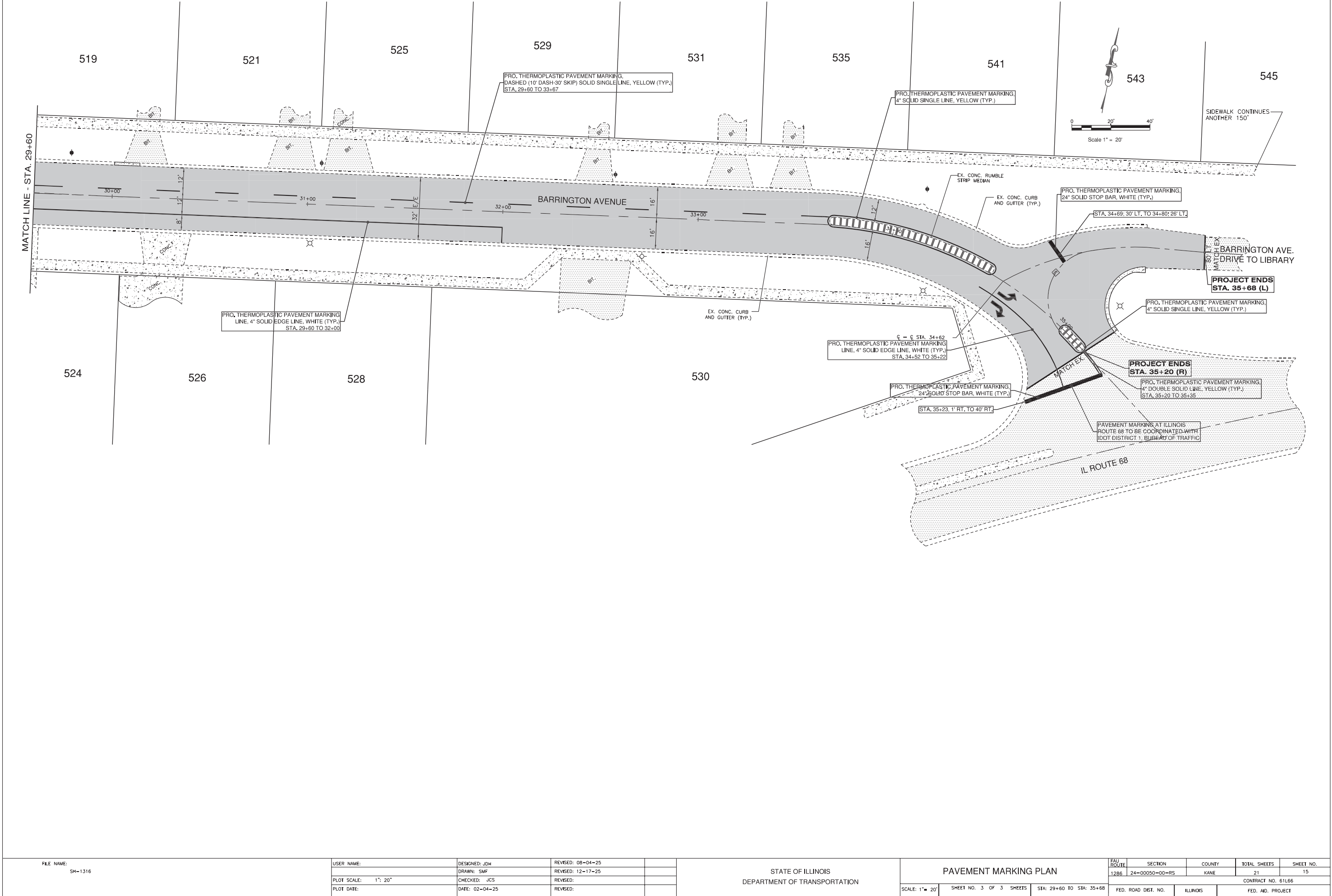




FILE NAME: ED-1984	USER NAME:	DESIGNED: JDH	REVISED: 08-04-25		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN					FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN: SMF	REVISED: 12-17-25								1286	24-00050-00-RS	KANE	21	13
	PLOT SCALE: 1" = 20"	CHECKED: JCS	REVISED:			CONTRACT NO. 61L66									
	PLOT DATE:	DATE: 02-04-25	REVISED:			SCALE: 1" = 20'	SHEET NO. 1 OF 3 SHEETS	STA: 8+80 TO STA: 17+60	FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT				



FILE NAME: ED-1984	USER NAME:		DESIGNED: JDH	REVISED: 08-04-25	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN		FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN: SMF		CHECKED: JCS	REVISED: 12-17-25		SCALE: 1" = 20'		1286	24-00050-00-RS	KANE	21	14
	PLOT SCALE: 1" = 20'		DATE: 02-04-25	REVISED:		SHEET NO. 2 OF 3 SHEETS		CONTRACT NO. 61L66				
	PLOT DATE:					STA: 17+60 TO STA: 29+60		FED. ROAD DIST. NO.	ILLINOIS	FED. AID, PROJECT		

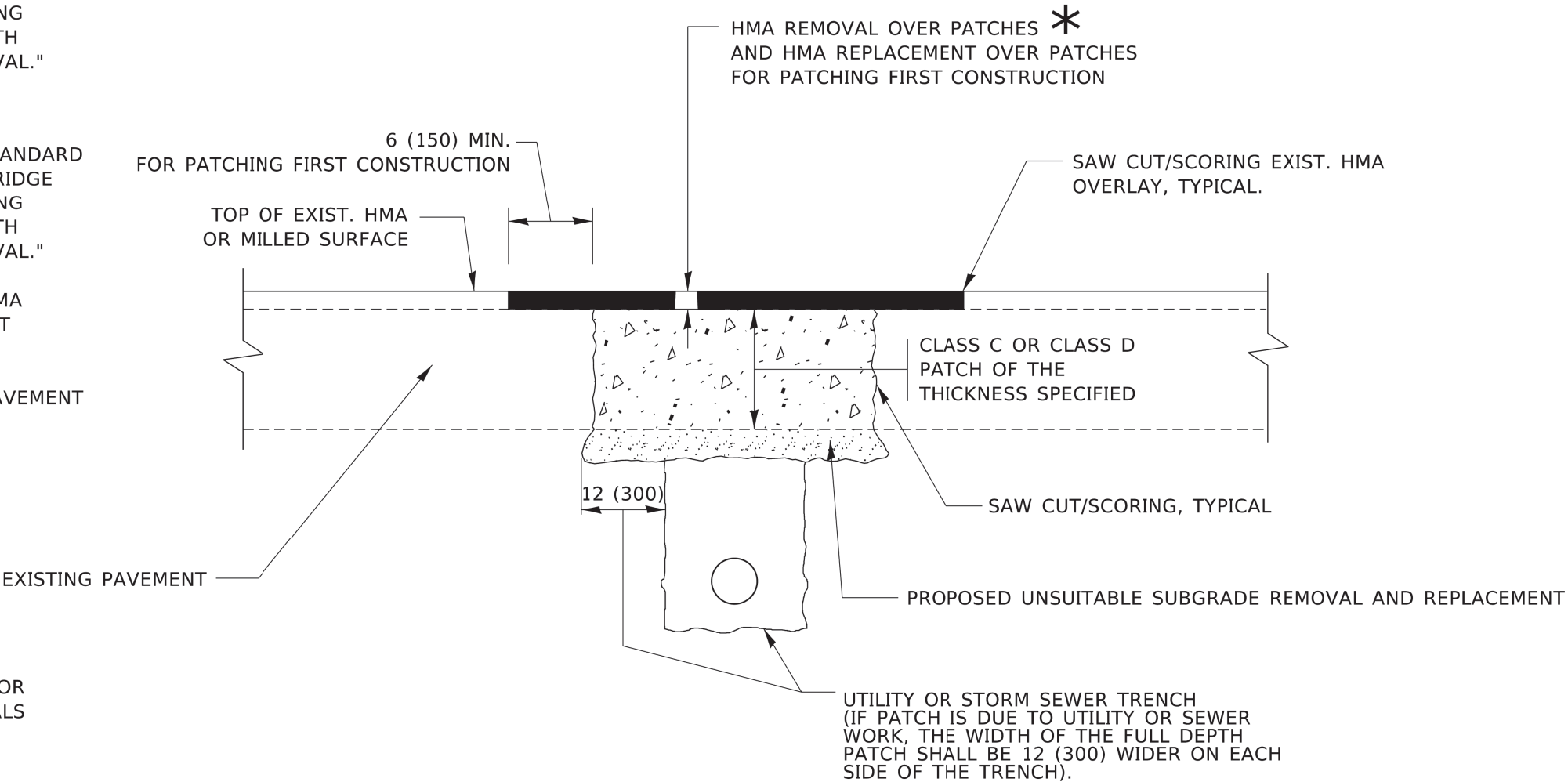


METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

- 1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
- 2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
- 3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

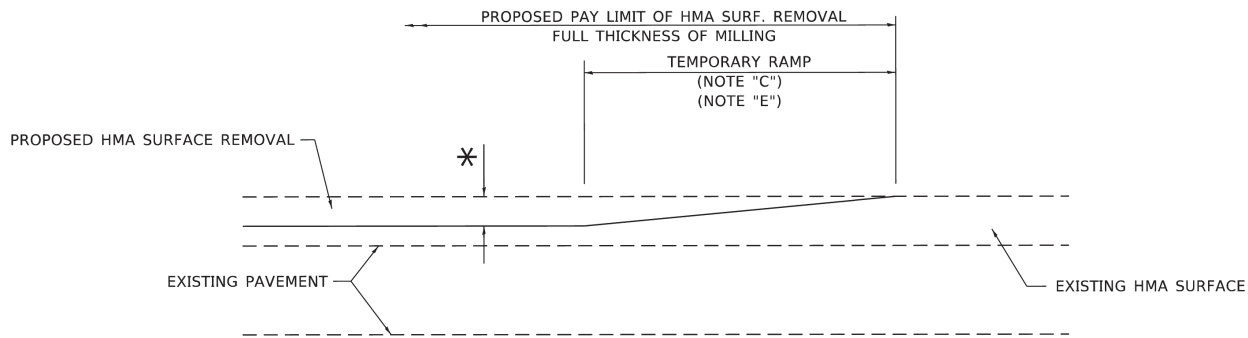
SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

- 1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

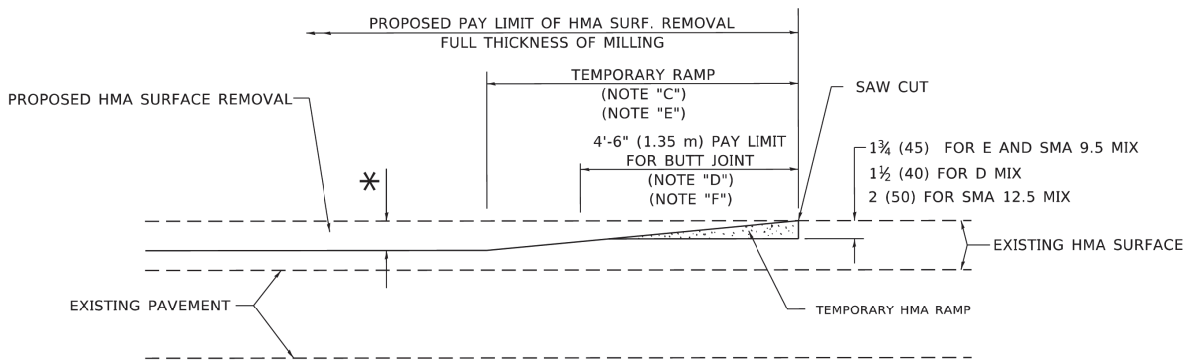
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

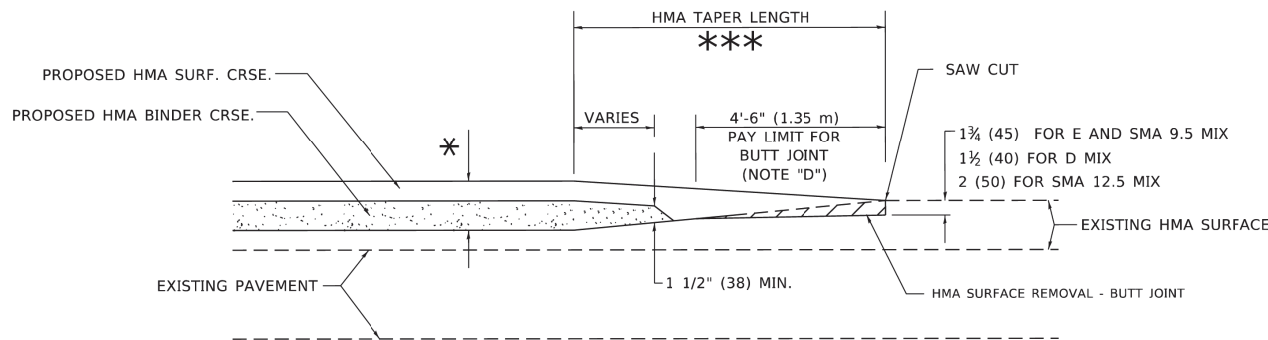


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

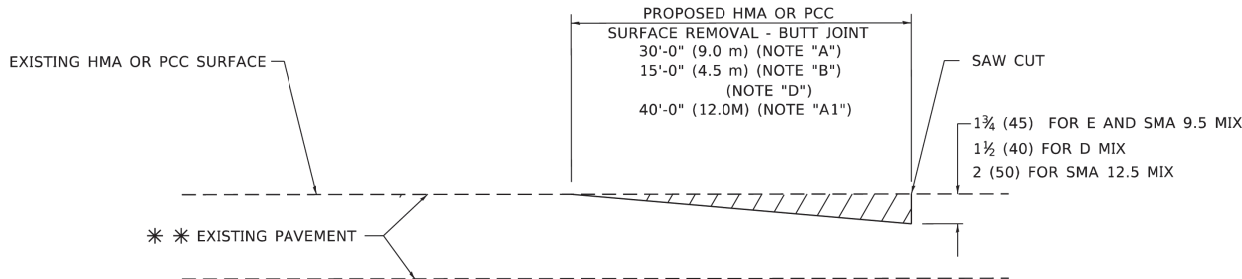
OPTION 2

TYPICAL TEMPORARY RAMP

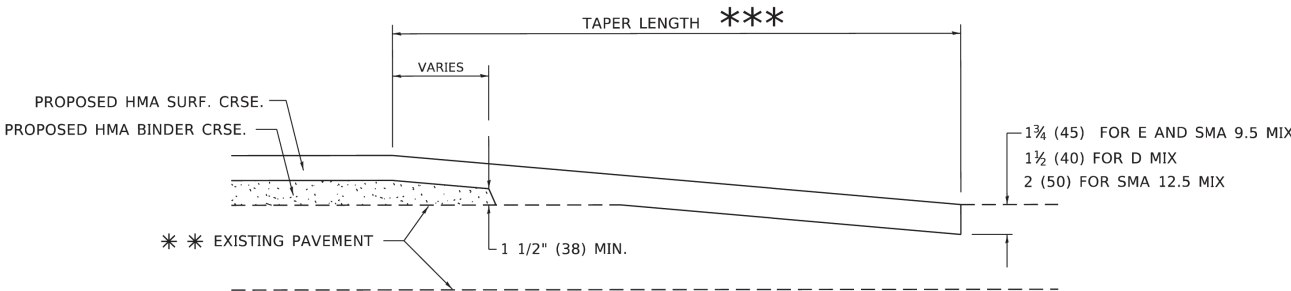


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
 - INTERSTATES
 - MINOR SIDE ROADS.
- THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
 - *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 - 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

FILE NAME:
SP-1986

GERALD L. HEINZ & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
206 NORTH RIVER STREET
EAST DUNDEE, ILLINOIS 60118

USER NAME:
PLOT SCALE: NTS
PLOT DATE:

DESIGNED: M. DE YONG
DRAWN:
CHECKED:
DATE: 06-13-90

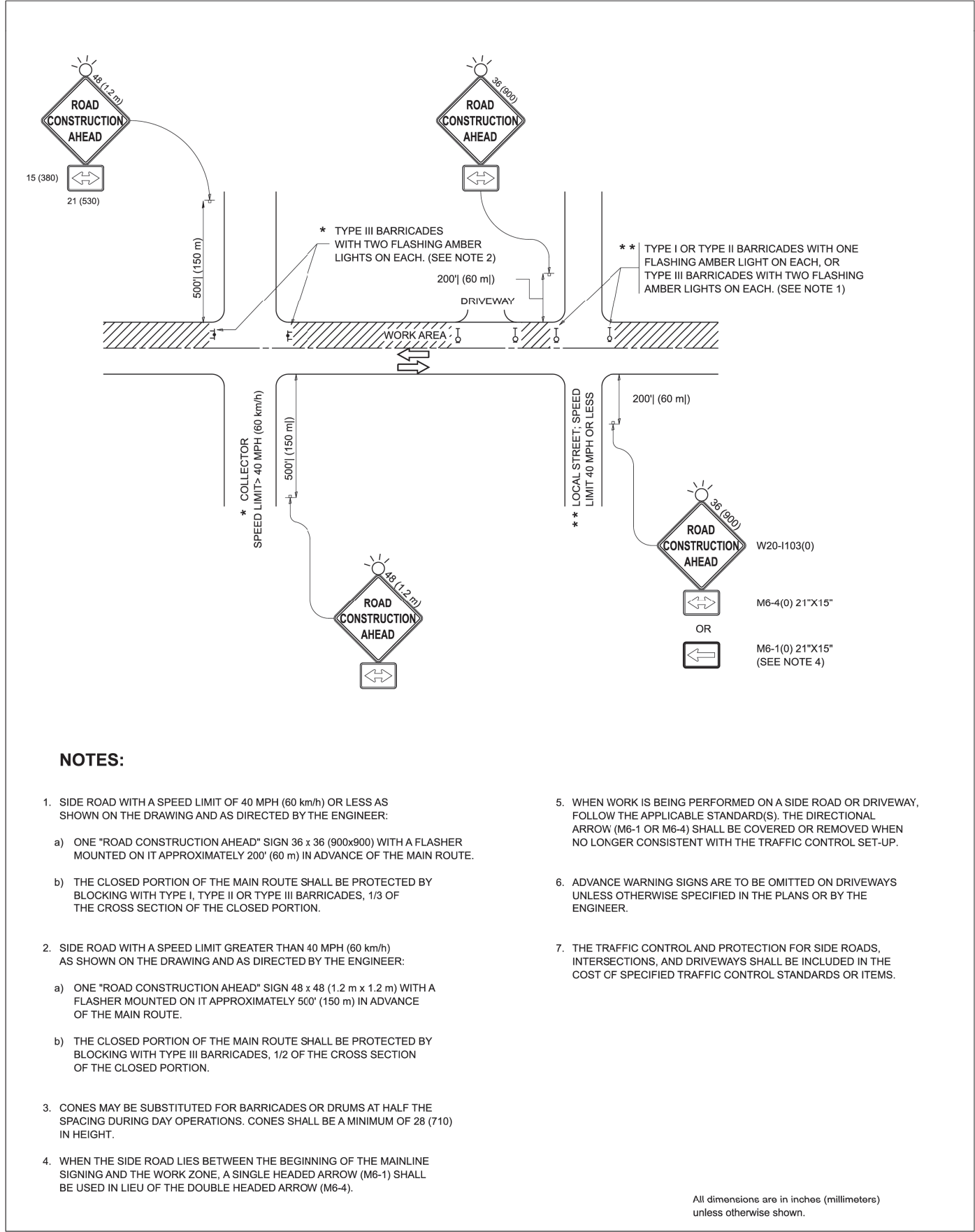
REVISED: A. ABBAS
REVISED: M. GOMEZ
REVISED: R. BORO
REVISED: K. SMITH

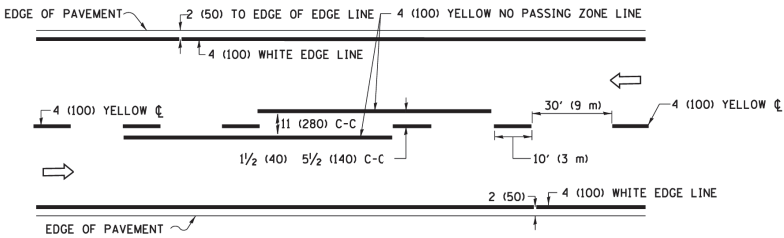
03-21-97
04-06-01
01-01-07
11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

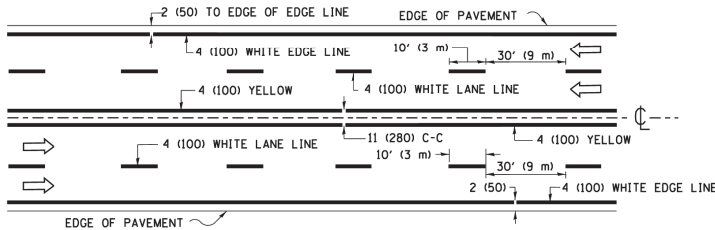
BUTT JOINT & HMA TAPER DETAILS (BD-32)

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1286	24-00050-00-RS	KANE	21	17
CONTRACT NO. 61L66				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID, PROJECT	

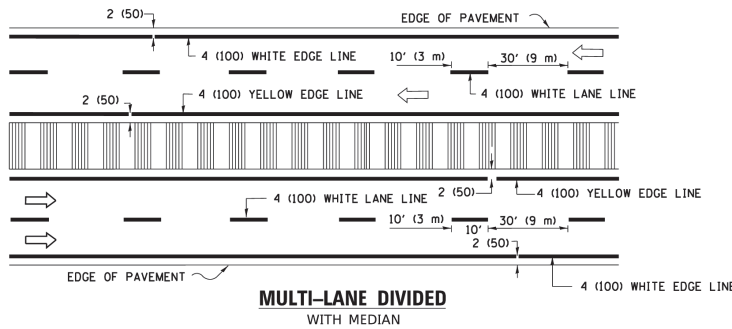




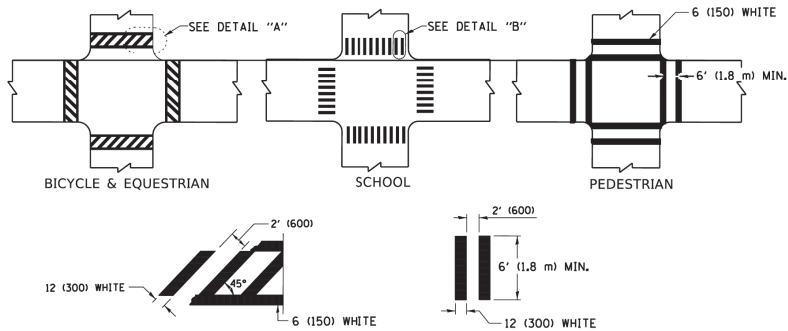
2-LANE ROADWAY



MULTI-LANE UNDIVIDED

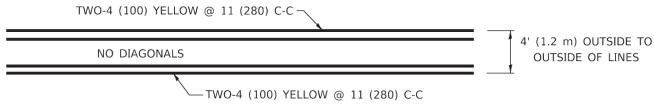


TYPICAL LANE AND EDGE LINE MARKING

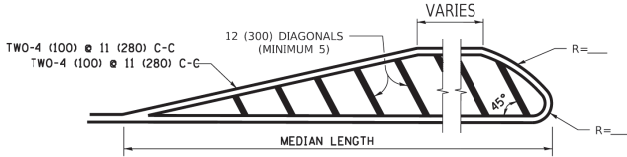


DETAIL "A" TYPICAL CROSSWALK MARKING

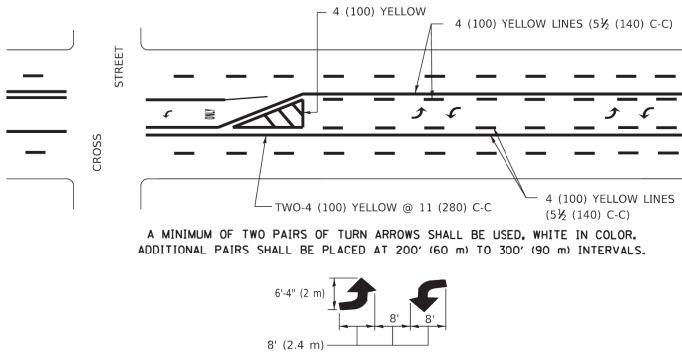
MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



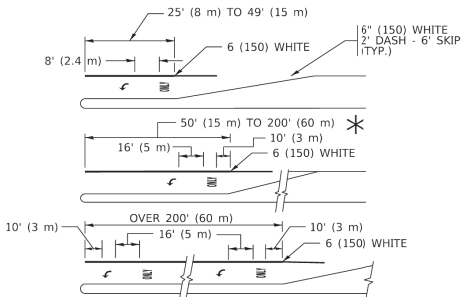
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

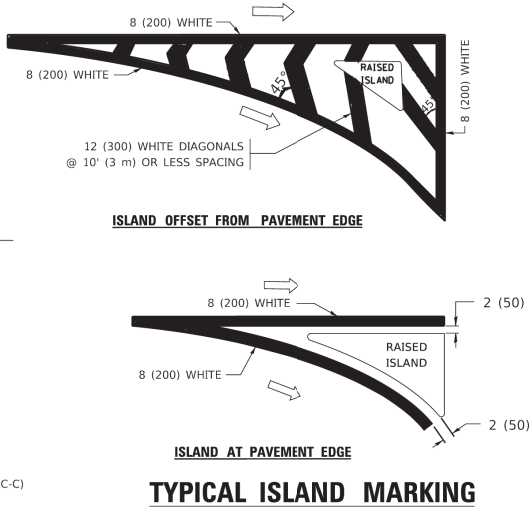


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

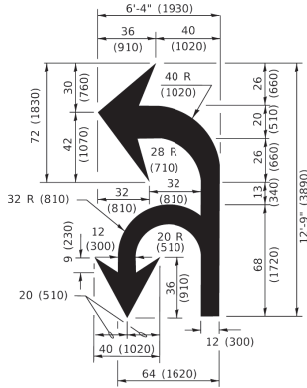


TYPICAL LEFT (OR RIGHT) TURN LANE

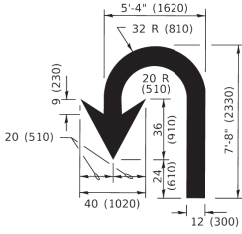
TYPICAL TURN LANE MARKING



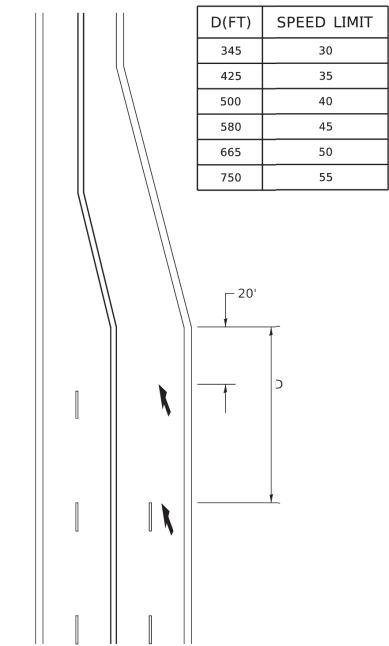
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



LANE REDUCTION TRANSITION

LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m²) EACH "X"=54.0 SQ. FT. (5.0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 3')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME:
ED-1984

GERALD L. HEINZ & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
206 NORTH RIVER STREET
EAST DUNDEE, ILLINOIS 60118

USER NAME:
PLOT SCALE: NTS
PLOT DATE:

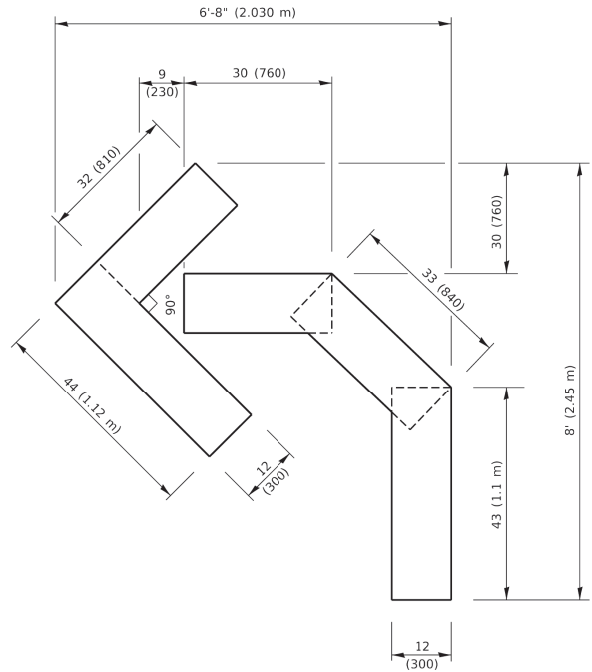
DESIGNED: EVERS
DRAWN:
CHECKED: C. JUCIUS
DATE: 03-19-90

REVISED: C. JUCIUS
REVISED: C. JUCIUS
REVISED: C. JUCIUS
REVISED: C. JUCIUS
07-01-13
12-21-15
04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

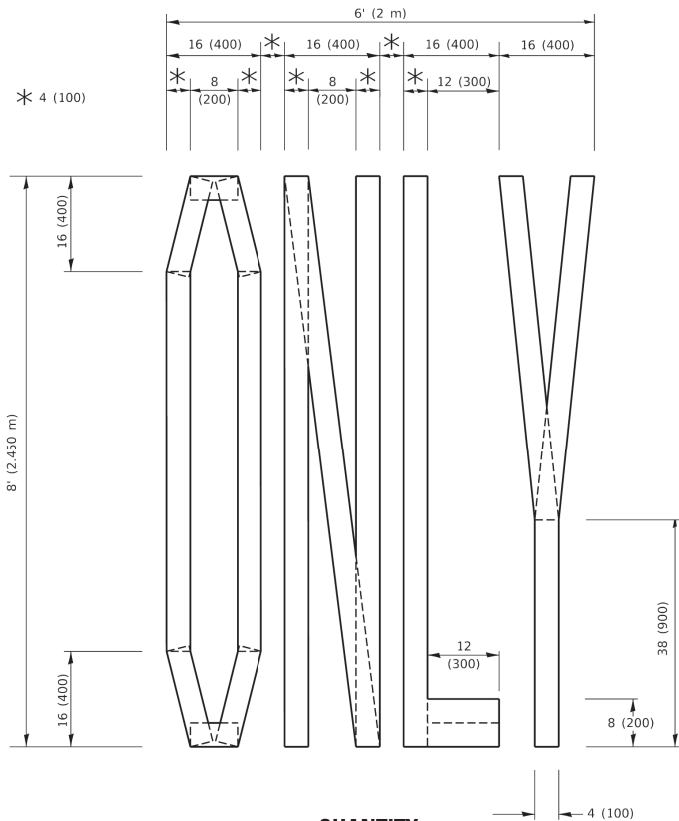
DISTRICT ONE TYPICAL PAVEMENT
MARKING (TC-13)

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1286	24-00050-00-RS	KANE	21	19
CONTRACT NO. 61L66				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT		



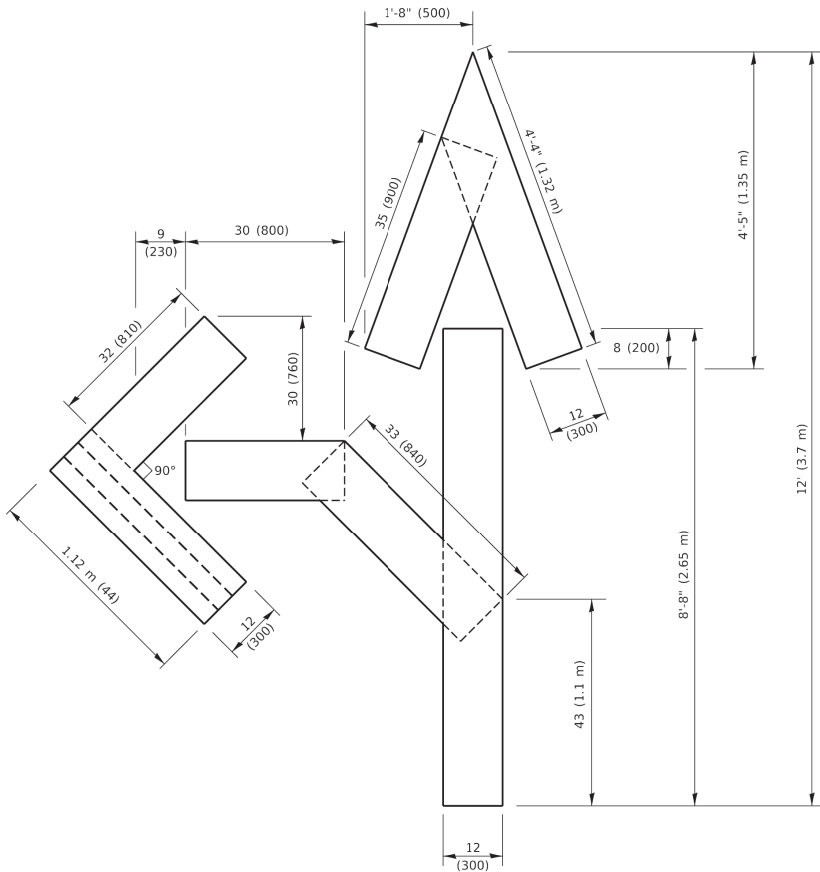
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

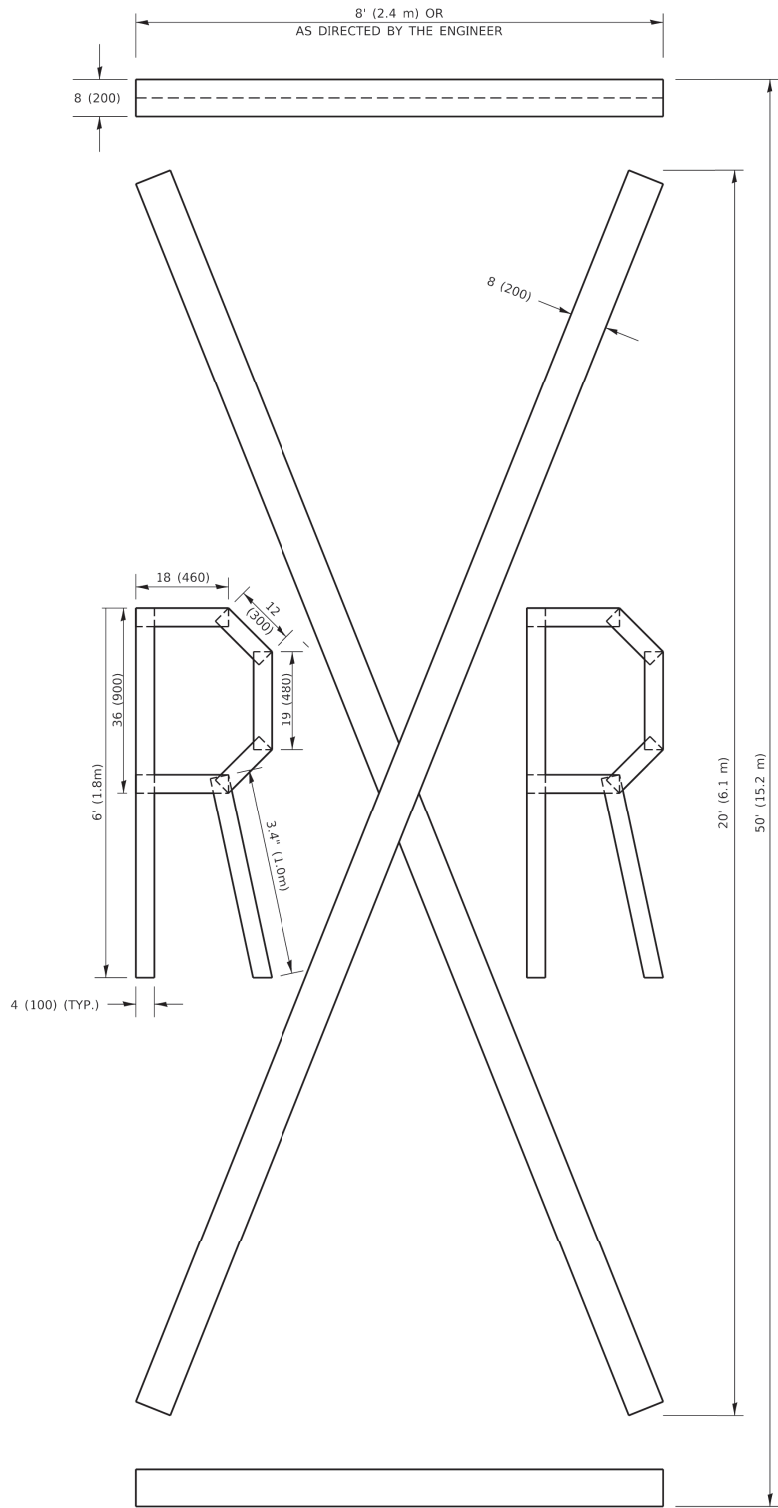


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

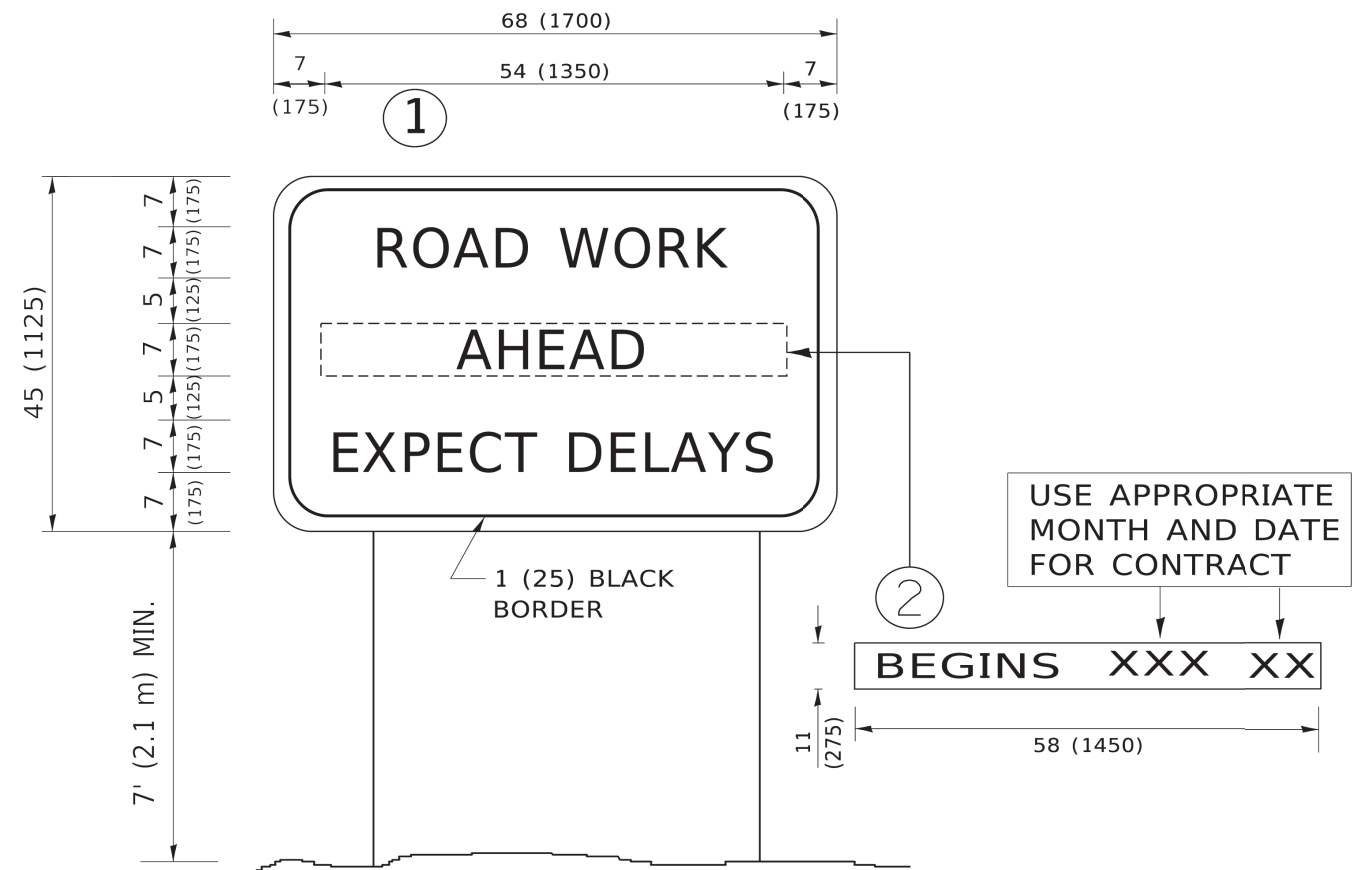
ALL QUANTITIES OF PLACEMENT ARE REPRESENTED
IN LINEAR FEET OF 4" LINES TO MATCH THE
4" TEMPORARY TAPE PAY ITEM AND REPRESENTS
THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME: ED-1984	GERALD L. HEINZ & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 206 NORTH RIVER STREET EAST DUNDEE, ILLINOIS 60118	USER NAME:	DESIGNED:	REVISED: R. MIRS	04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN (TC-22)	FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE: NTS	DRAWN:	REVISED: R. MIRS	12-11-97			1286	24-00050-00-RS	KANE	21	21
		PLOT DATE:	CHECKED:	REVISED: T. RAMMACHER	02-02-99			CONTRACT NO. 61L66				
			DATE:	REVISED: C. JUCIUS	01-31-07			FED. ROAD DIST. NO.	ILLINOIS	FED. AID, PROJECT		