

02-27-2026 LETTING ITEM 069

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	Sheet No
1286	24-00050-00-RS	KANE	21	I

ILLINOIS CONTRACT NO. 61L66

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

BARRINGTON AVENUE

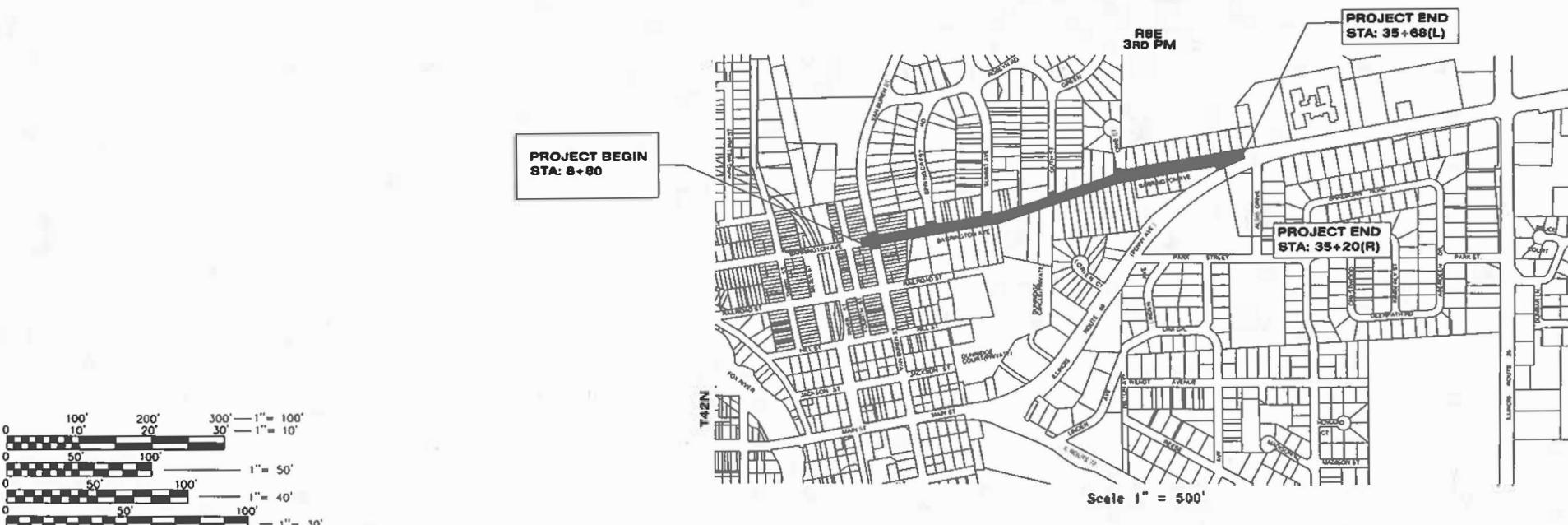
DESIGN DESIGNATION: MINOR COLLECTOR
CURRENT ADT = 2000 (2023)
PROJECTED ADT = 4000 (2040)
POSTED & DESIGN SPEED: 25 M.P.H.

PLANS FOR PROPOSED
FEDERAL AID HIGHWAY

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

GERALD L. HEINZ & ASSOCIATES, INC.
208 NORTH RIVER STREET
EAST DUNDEE, ILLINOIS
PHONE: (847) 426-4535
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. 062-051301 (LICENSE EXPIRES 11-30-27)

DESIGN FIRM REGISTRATION NO 184-002048

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS		
APPROVED	December 18th	20 25
RELL, W 2023		
VILLAGE OF EAST DUNDEE DIRECTOR OF PUBLIC WORKS		
PASSED	DEC 30 20 25	C. Heinz
DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS		
RELEASING FOR BID BASED ON LIMITED REVIEW		
January 5 20 26		
9/2023		
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

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES, LISTING OF HIGHWAY STANDARDS
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6	TYPICAL SECTIONS AND PATCHING SCHEDULE
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17	BUTT JOINT & HMA TAPER DETAILS (BD-32)
18	TRAFFIC CONTROL AND PROTECTION FOR SIDES ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
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20	SHORT TERM PAVEMENT MARKINGS LETTERS AND SYMBOLS (TC-16)
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STANDARDS

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
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
604001-05	FRAME AND LIDS, TYPE 1
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.
2. ALL WORK INVOLVING SIGNS SHALL BE GOVERNED BY THE FOLLOWING REQUIREMENTS:
 - A. SIGNS SHALL NOT BE MOVED UNTIL PROGRESS OF WORK NECESSITATES IT.
 - 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.
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.
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.

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.
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.
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.
15. THE CONTRACTOR SHALL PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
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.

LEGEND
◎ EXISTING MANHOLE
◎ EXISTING VALVE VAULT
● IRON PIPE FOUND
□ EXISTING INLET
○ EXISTING CATCH BASIN
◎ VALVE BOX
◎ EXISTING FIRE HYDRANT
◎ EXISTING UTILITY POLE
◎ EXISTING STREET SIGN
○ EXISTING SIGN
◎ EXISTING STREET LIGHT
◎ EXISTING HMA PAVEMENT
◎ EXISTING CONCRETE PAVEMENT
◎ EXISTING GRAVEL
◎ EXISTING PAVER PAVEMENT
◎ HMA SURFACE REMOVAL (BUTT JOINTS)
◎ PROPOSED HMA PAVEMENT
◎ PROPOSED PATCHING
◎ PROPOSED DETECTABLE WARNING
◎ REMOVAL

B. REFERENCED SPECIFICATIONS

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PROJECT PLANS OR SPECIFICATIONS:
 - ~ STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022 BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT STANDARD SPECIFICATIONS).
 - ~ THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR THE STREET AND HIGHWAYS".
 - ~ THE "MANUAL OF TEST PROCEDURES OF MATERIALS" IN EFFECT ON THE DATE OF INVITATION FOR BIDS".
 - ~ THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2025
 - ~ THE DETAILS AND STANDARDS CONTAINED IN THESE PLANS
 - ~ VILLAGE OF EAST DUNDEE STANDARDS.

C. NOTIFICATION

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE FOLLOWING:

- ~ THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KAPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- ~ THE DIRECTOR OF PUBLIC WORKS, PHIL COTTER (847) 844-1256 AND THE VILLAGE ENGINEER, JOSEPH HEINZ (847) 426-4535, FOR THE VILLAGE OF EAST DUNDEE 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ~ THE ELECTRIC, TELEPHONE, AND GAS UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. (J.U.L.I.E. 811)

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 DRAWN: SMF PLOT SCALE: NTS PLOT DATE: 02-04-25	REVISED: 08-04-25 REVISED: 12-17-25 CHECKED: JCS REVISED: DATE: 02-04-25 REVISED:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, GENERAL NOTES SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA: TO STA:	FAU ROUTE SECTION COUNTY TOTAL SHEETS SHEET NO. 1286 24-00050-00-RS KANE 21 2 CONTRACT NO. 61L66 FED. ROAD DIST. NO. ILLINOIS FED. AID. PROJECT
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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

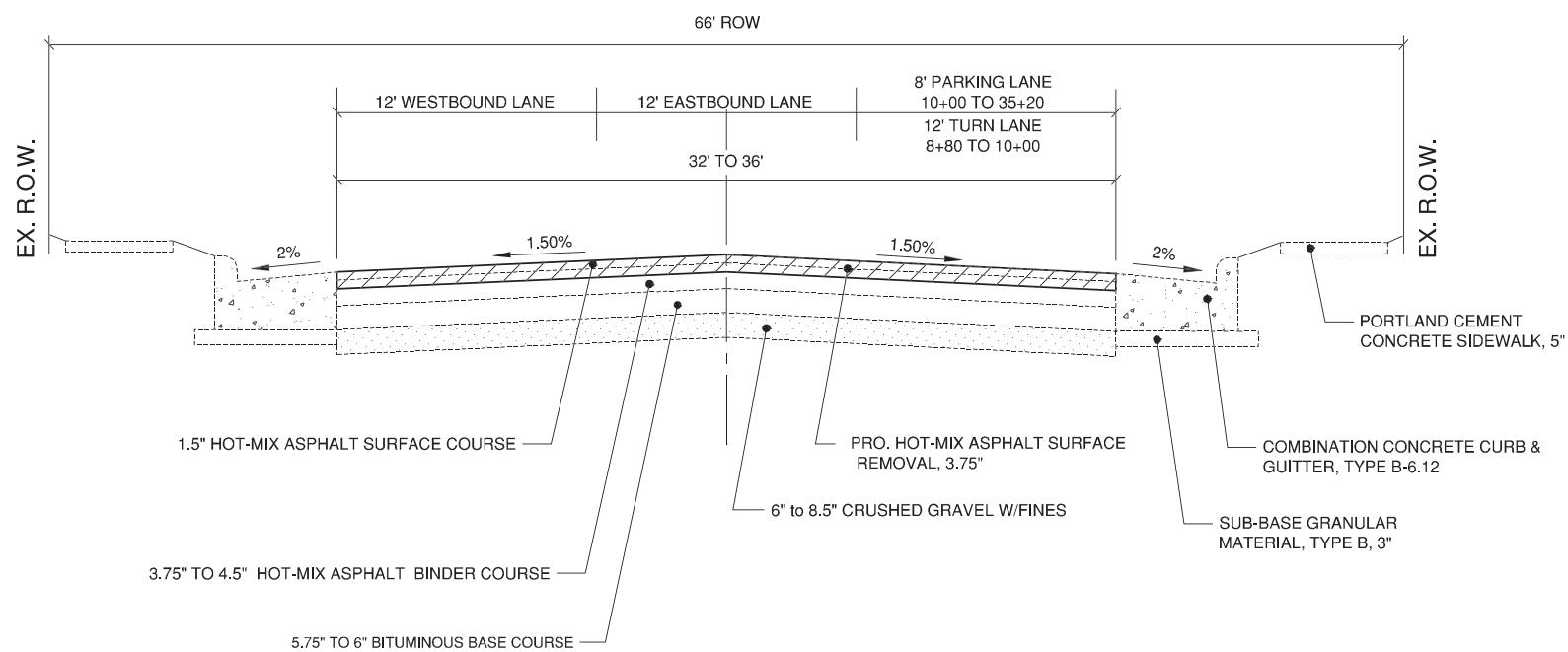
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					FAIR ROUTE 1286	SECTION 24-00050-00-RS	COUNTY KANE	TOTAL SHEETS 21	SHEET NO. 4
					CONTRACT NO. 61166				
					SCALE: NTS	SHEET NO. 2 OF 3 SHEETS	STA:	TO STA:	FED. ROAD DIST. NO. ILLINOIS FED. A.D. PROJECT

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

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		DRAWN: SMF	REvised: 12-17-25	FAU ROUTE		SECTION	COUNTY	TOTAL SHEETS	sheet no 21 5	
		PLOT SCALE: NTS	CHECKED: JCG	REvised:		1288	24-00050-00-RS	KANE		CONTRACT NO. 61165
		PLOT DATE:	DATE: 08-04-25	REvised:	SCALE: NTS	sheet no. 3	of 3 sheets	STA:	TO STA:	FED. ROAD DIST. NO. RUNDIS FED. AD. PROJECT



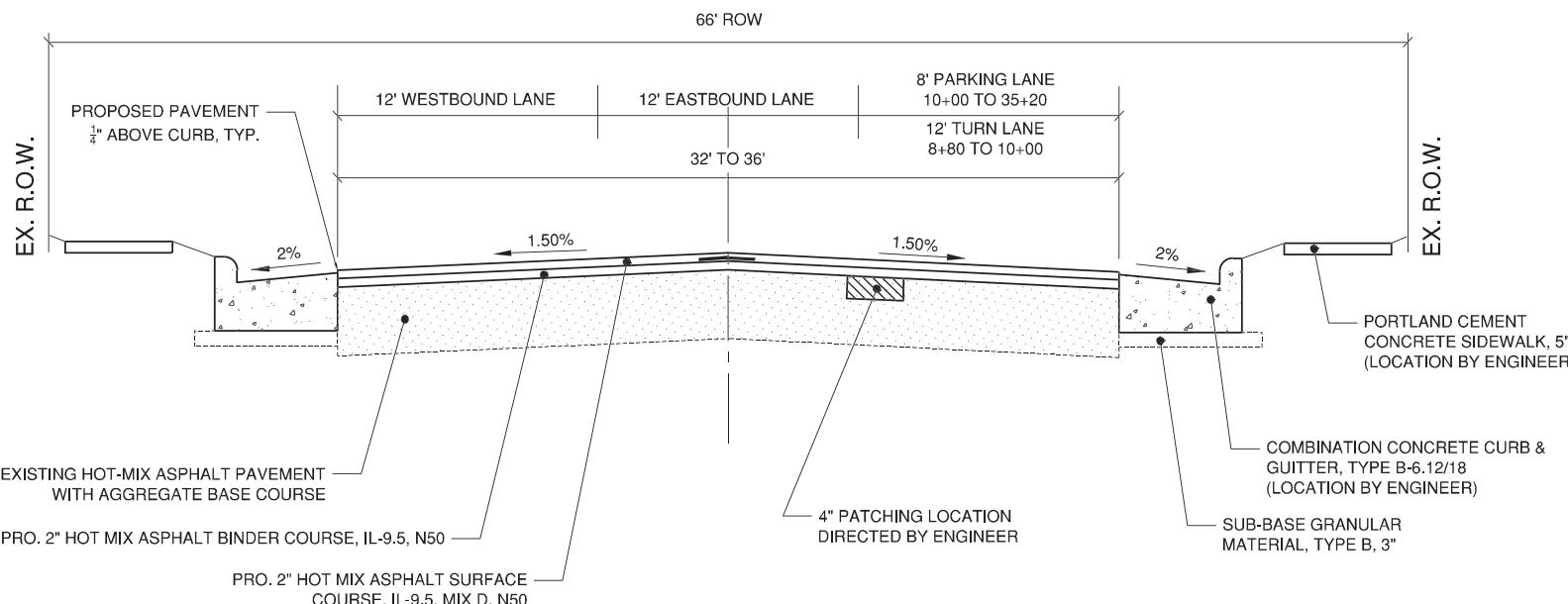
BARRINGTON AVENUE EXISTING TYPICAL CROSS-SECTION

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.



NOTE: THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HOT MIX ASPHALT BINDER COURSE, IL-9.5, N50

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	

BARRINGTON AVENUE PROPOSED TYPICAL CROSS-SECTION

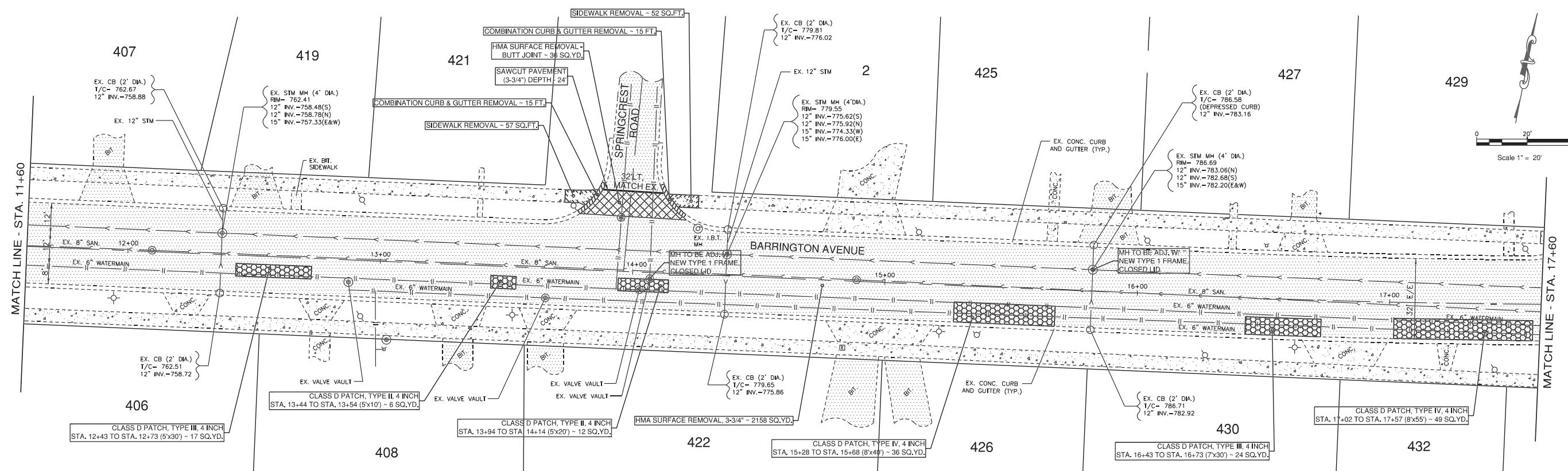
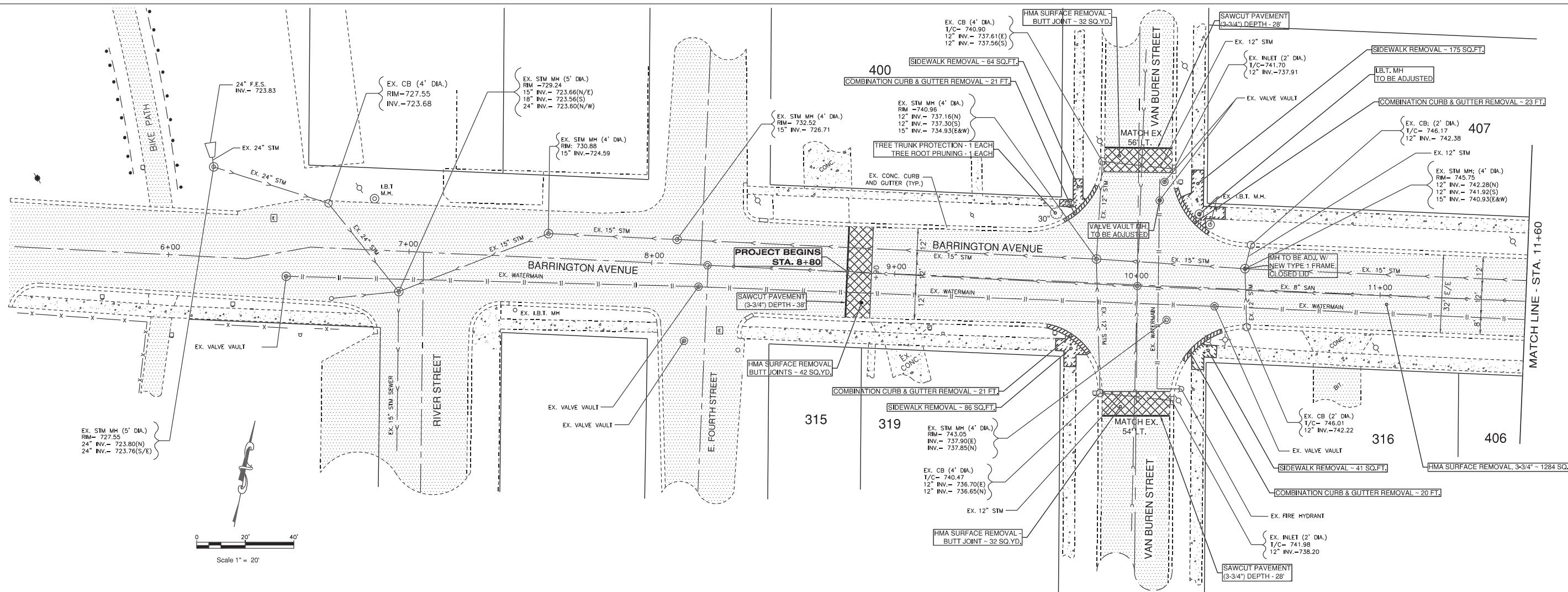
STA: 8+80 TO 35+20

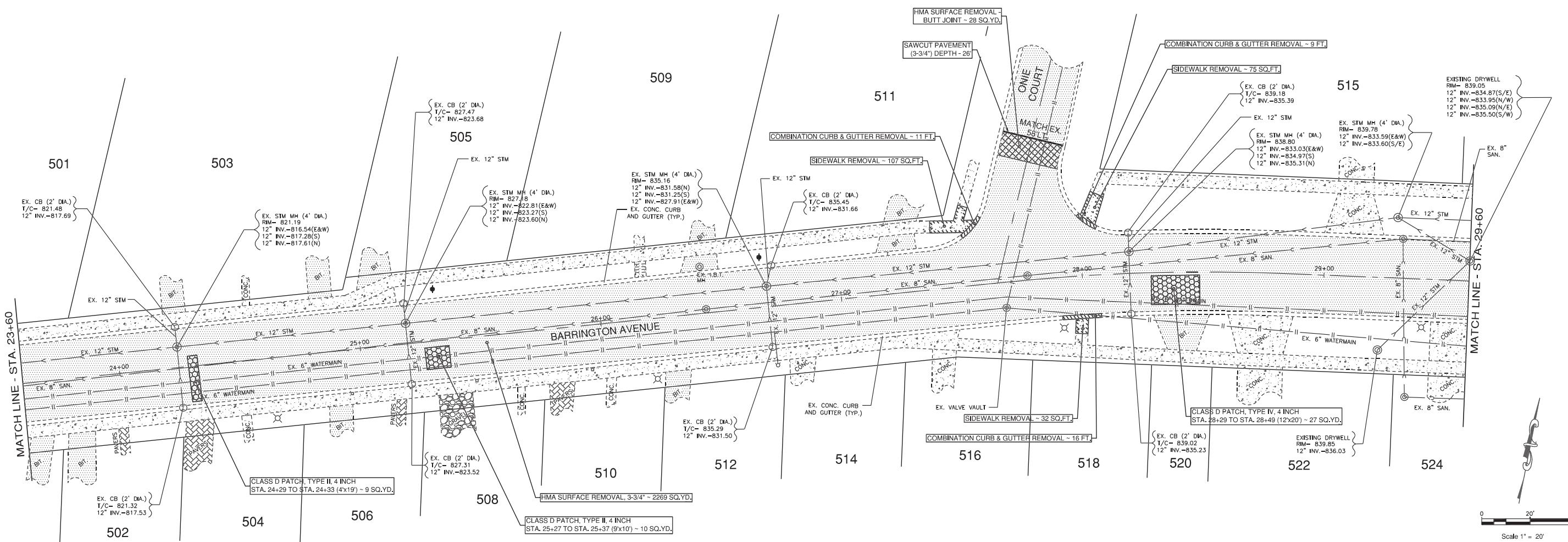
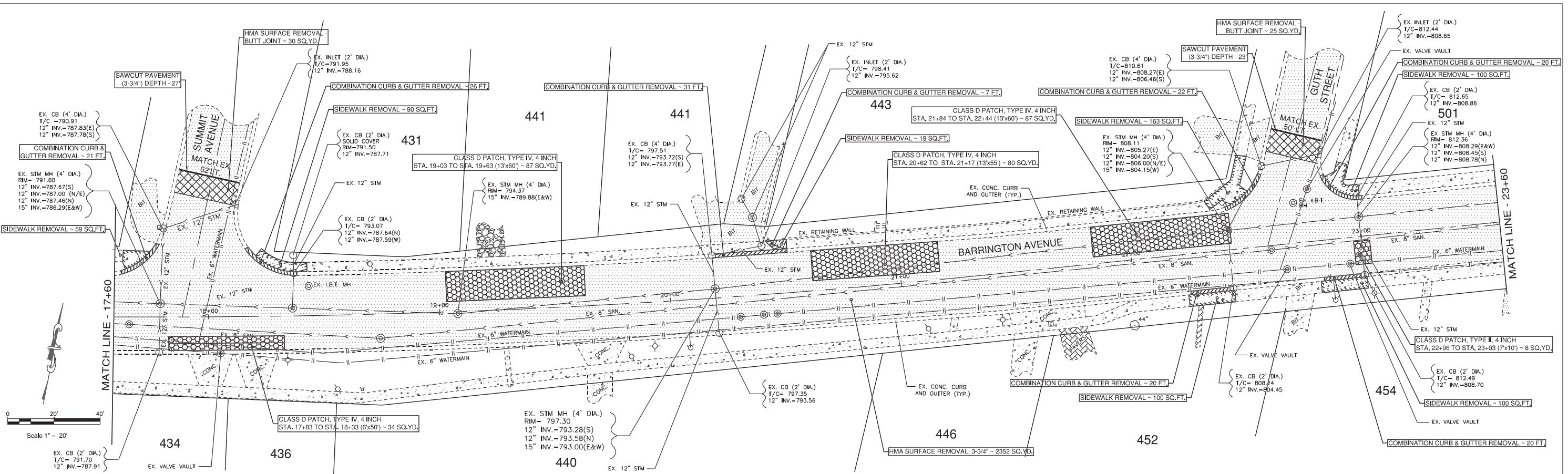
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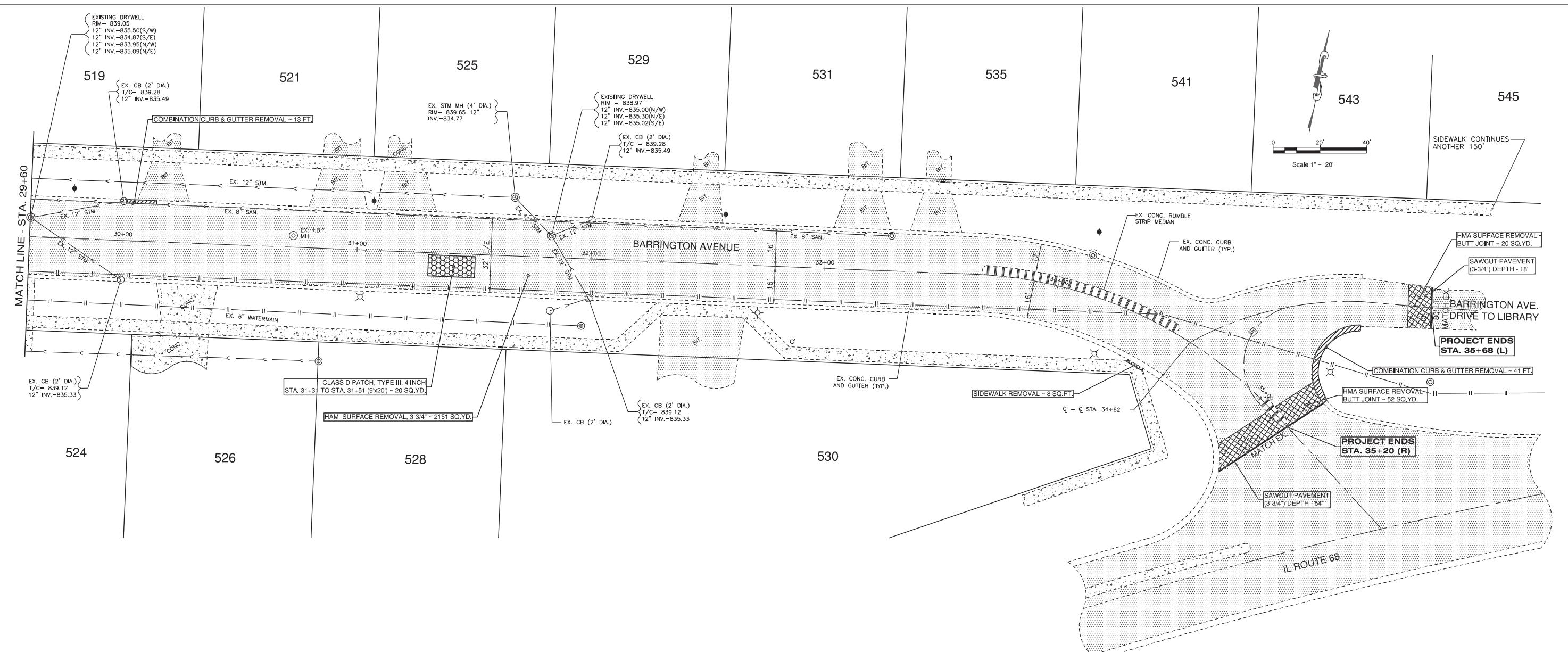
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND PATCHING SCHEDULE				
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				CONTRACT NO. 61166

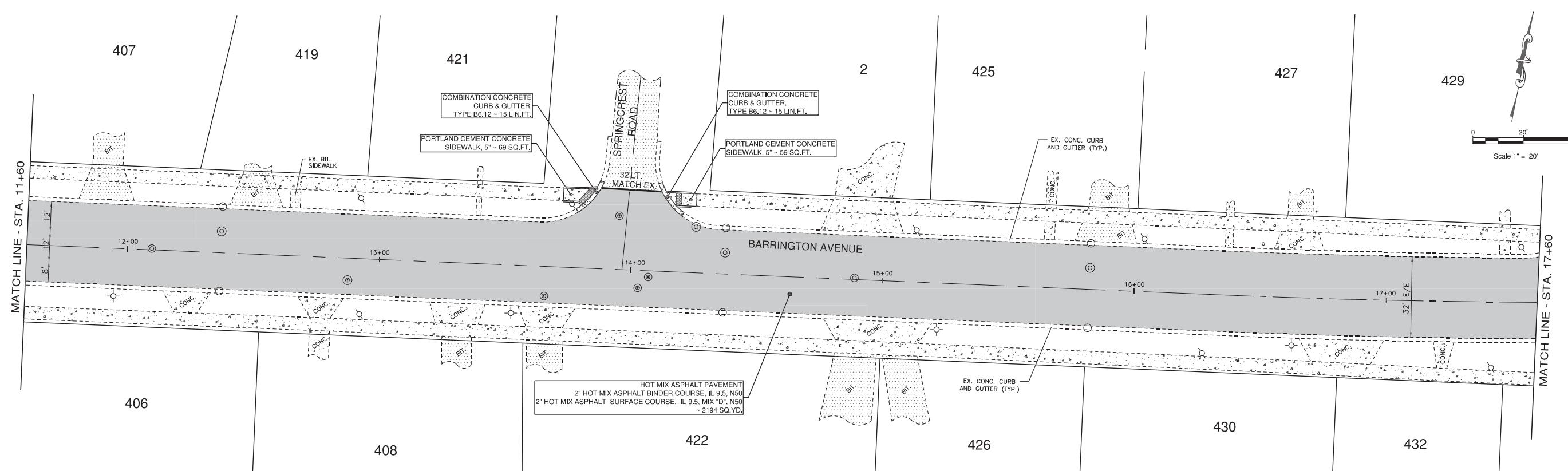
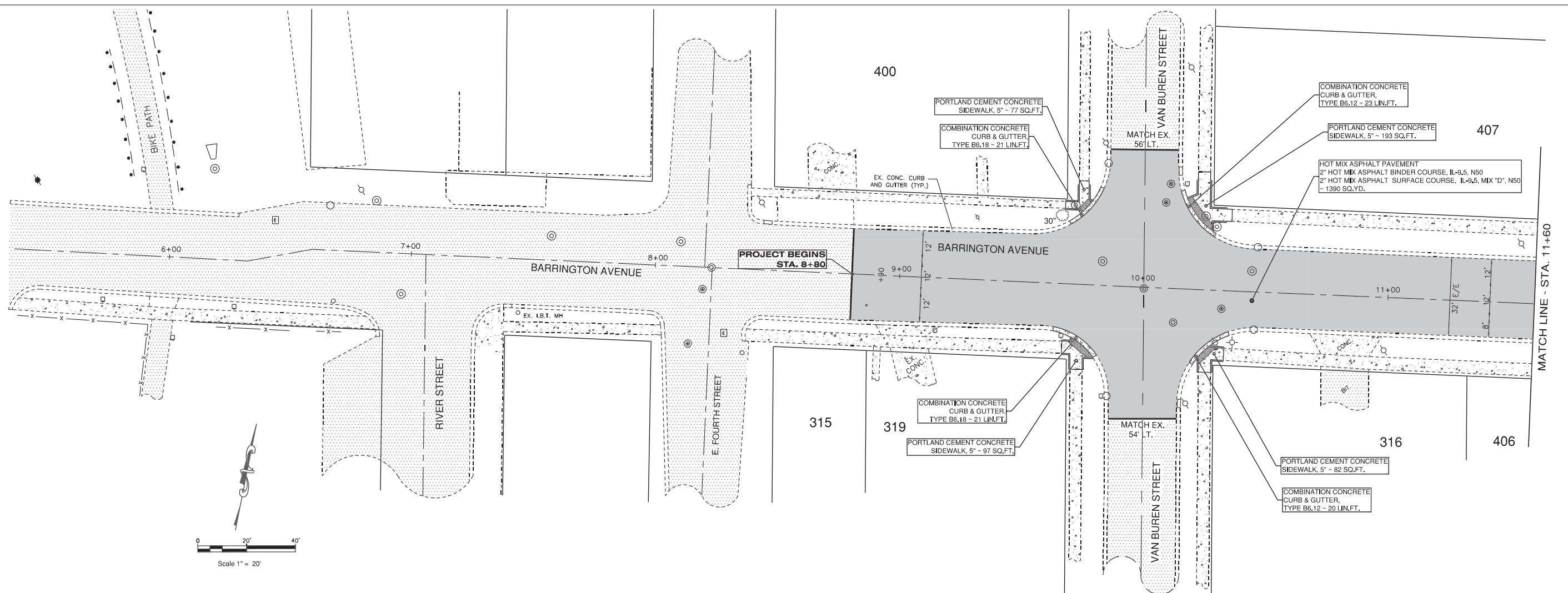
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FED. ROAD DIST. NO. ILLINOIS FED. AID. PROJECT

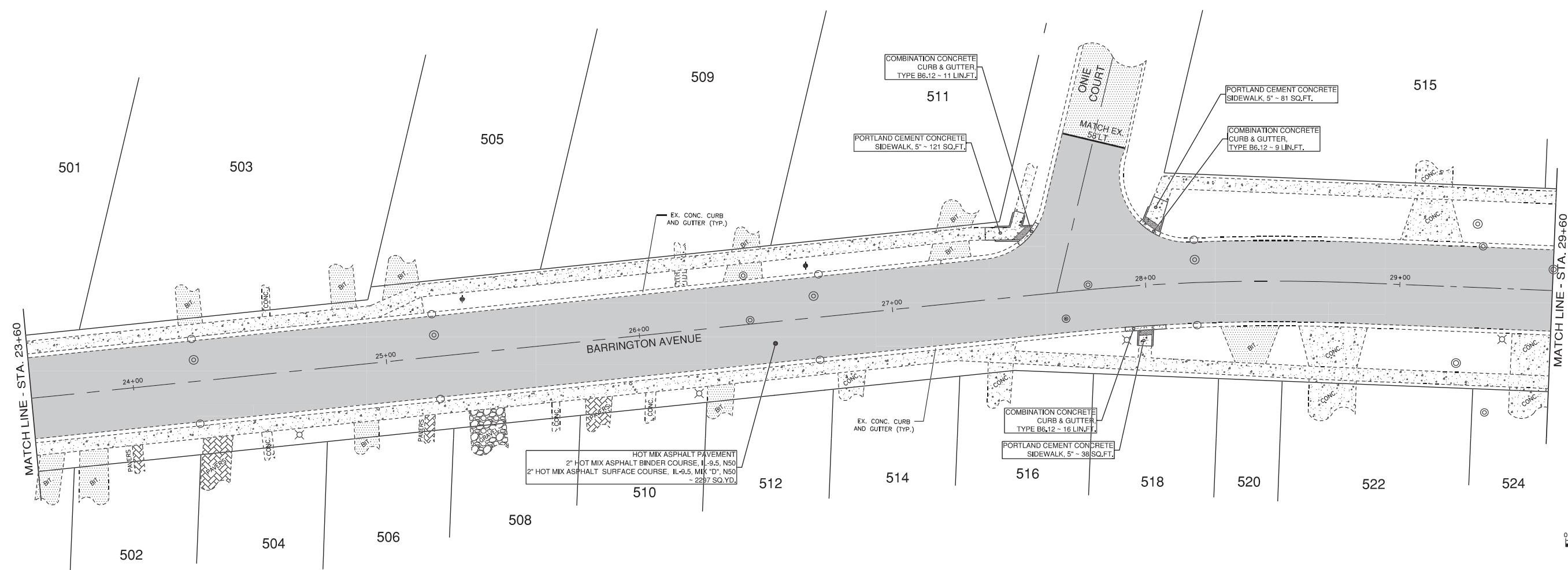
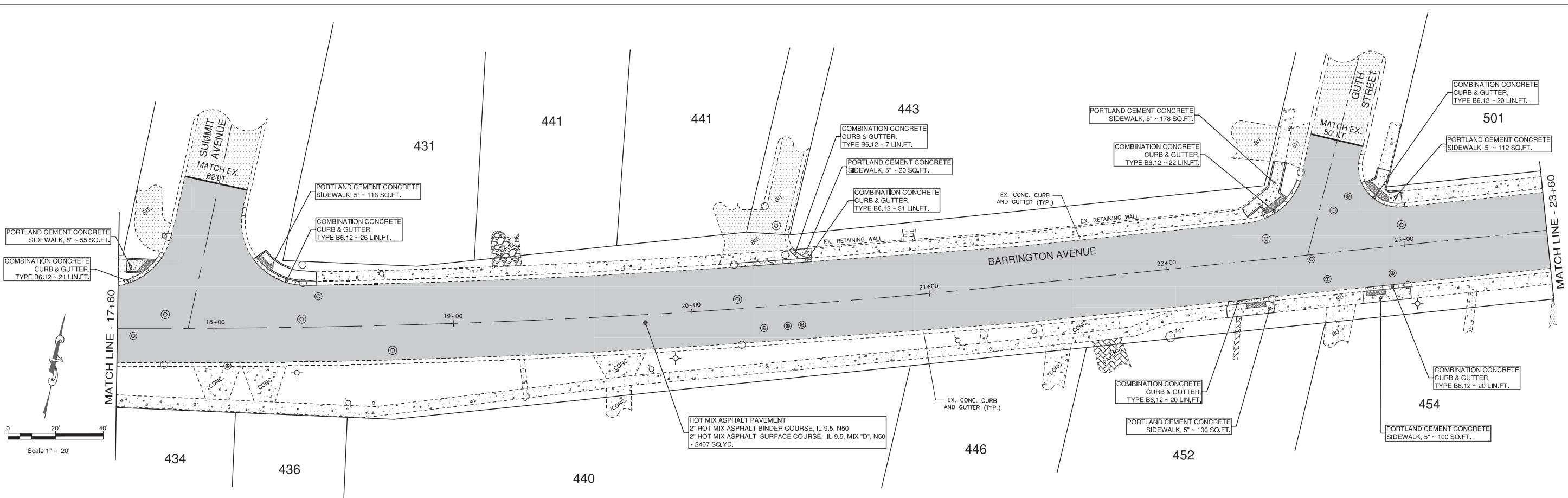


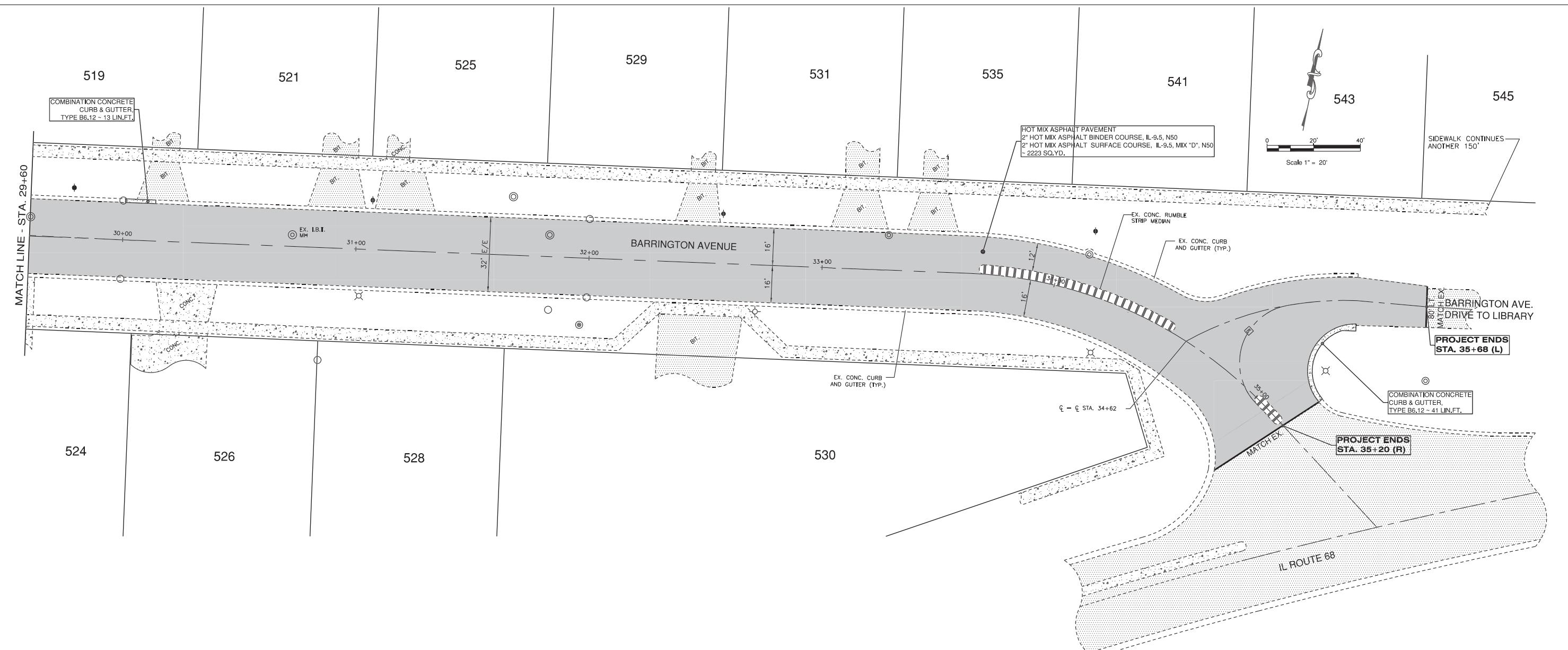




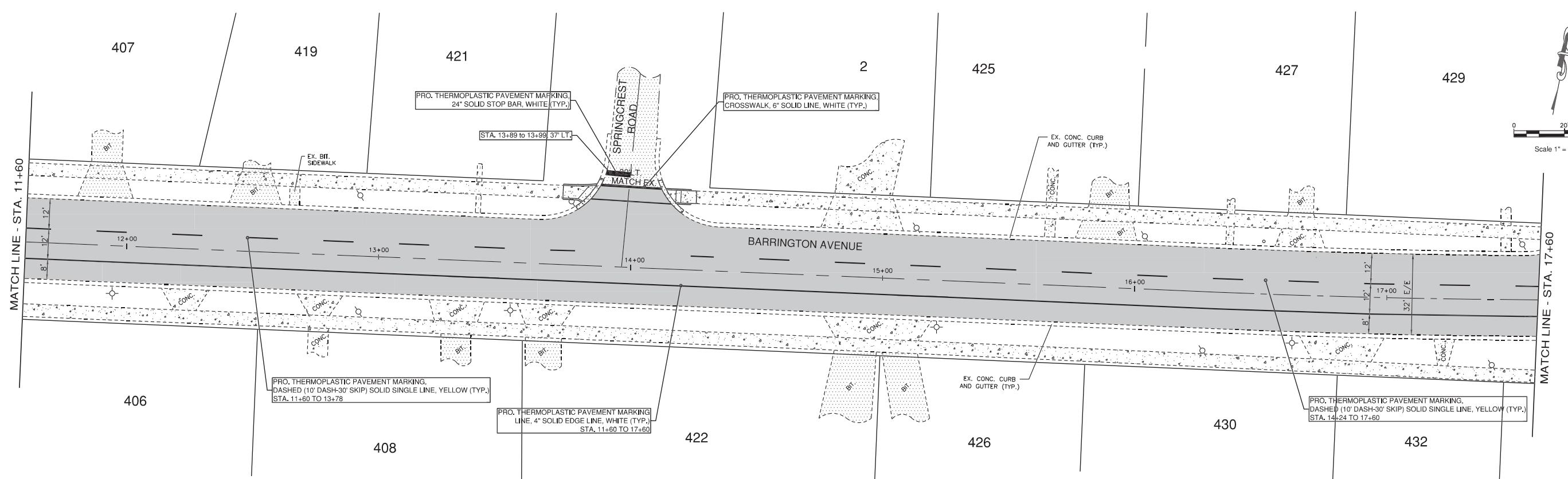
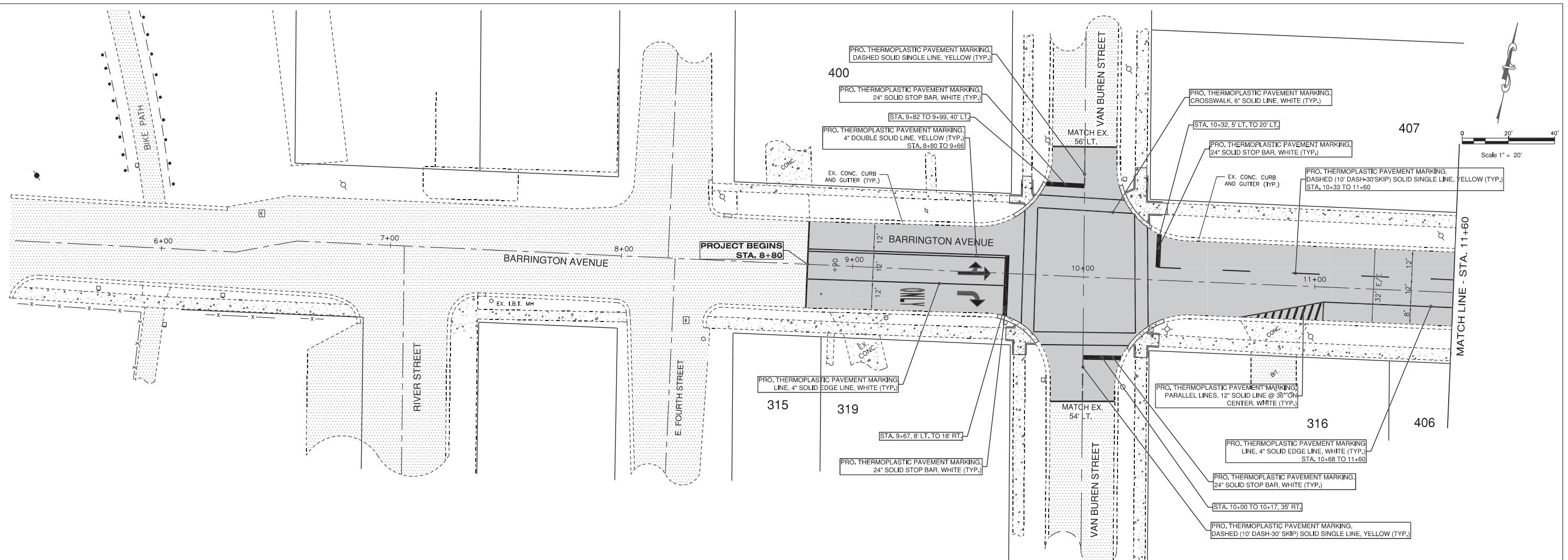
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	DRAWN: SMF	REVISED: 12-17-25		1286					24-00050-00-RS	KANE	21	9	
	PLOT SCALE: 1": 20"	CHECKED: JCS	REVISED:				CONTRACT NO. 61L66						
	PLOT DATE: 02-04-25	DATE: 02-04-25	REVISED:	SCALE: 1": 20'		SHEET NO. 3 OF 3 SHEETS	STA: 29+60 TO STA: 35+68	FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT			

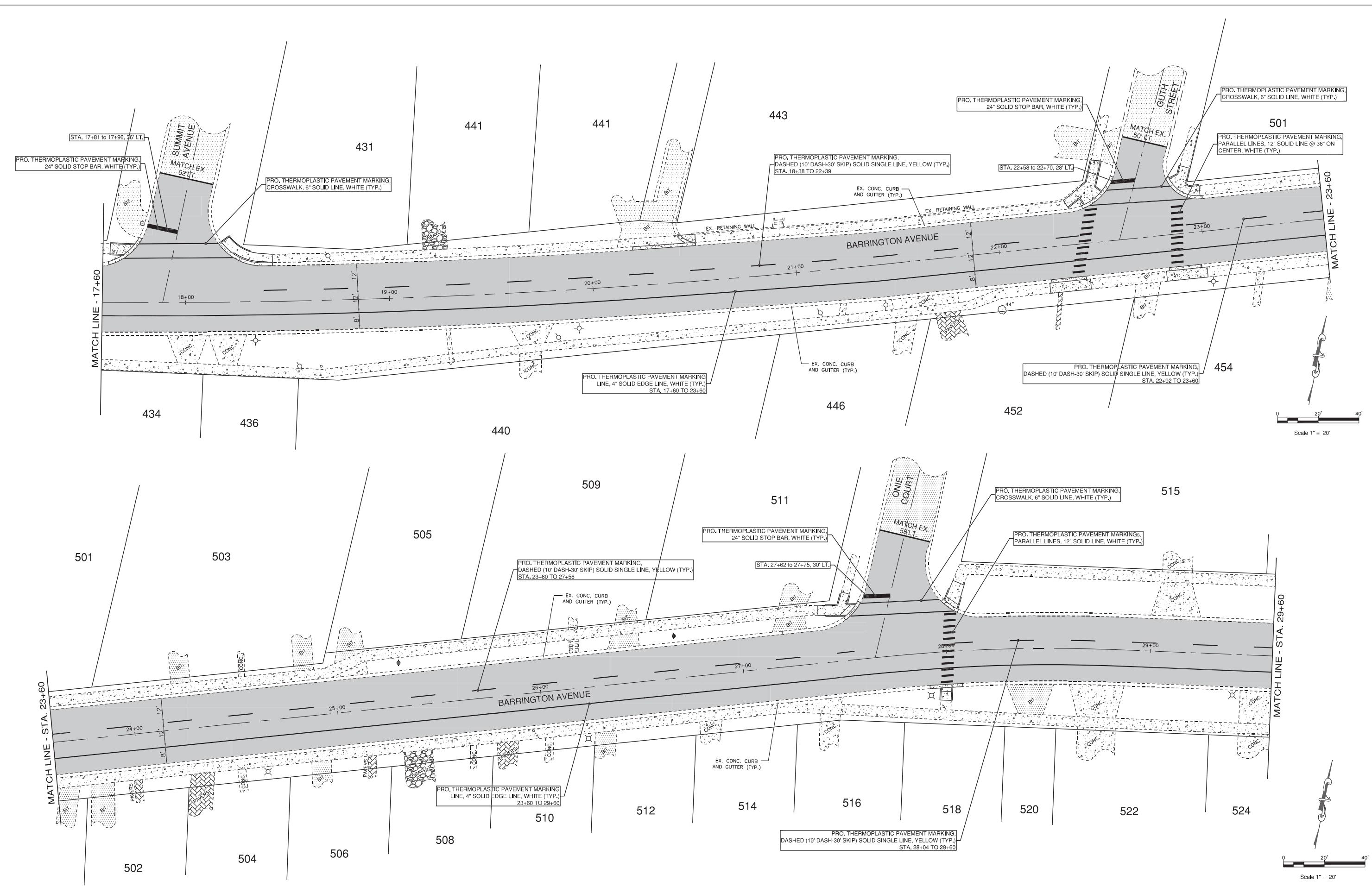






FILE NAME: ED-1984	USER NAME:	DESIGNED: JDH	REVISED: 08-04-25			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT RESURFACING & SIDEWALK PLAN	FAIR ROUTE 1286	SECTION 24-00050-00-RS	COUNTY KANE	TOTAL SHEETS 21	SHEET NO. 12
		DRAWN: SMF	REVISED: 12-17-25									
	PLOT SCALE: 1": 20"	CHECKED: JCS	REVISED:									
	PLOT DATE:	DATE: 02-04-25	REVISED:				SCALE: 1" = 20'	SHEET NO. 3 OF 3 SHEETS	STA: 29+60 TO STA: 35+68	FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT





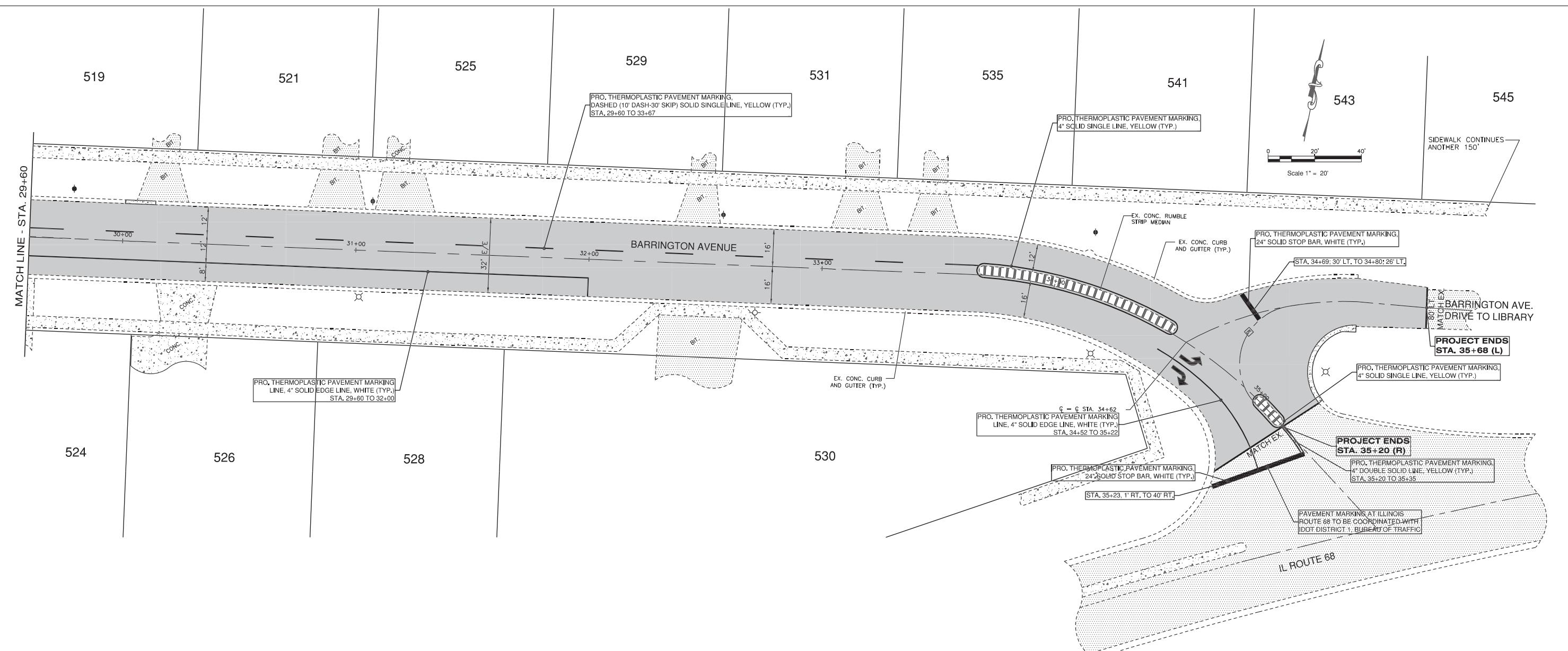
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USER NAME:	DESIGNED: JDH	REVISED: 08-04-25
	DRAWN: SMF	REVISED: 12-17-25
PLOT SCALE: 1": 20"	CHECKED: JCS	REVISED:
PLOT DATE:	DATE: 02-04-25	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

PAVEMENT MARKING PLAN					FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
					1286	24-00050-00-RS	KANE	21	14	
					CONTRACT NO. 61L66					
SCALE: 1" = 20'	SHEET NO.	2	OF	3	SHEETS	STA: 17+60	TO STA: 29+60	FED. ROAD DIST. NO.	ILLINOIS	FED. AID. PROJECT



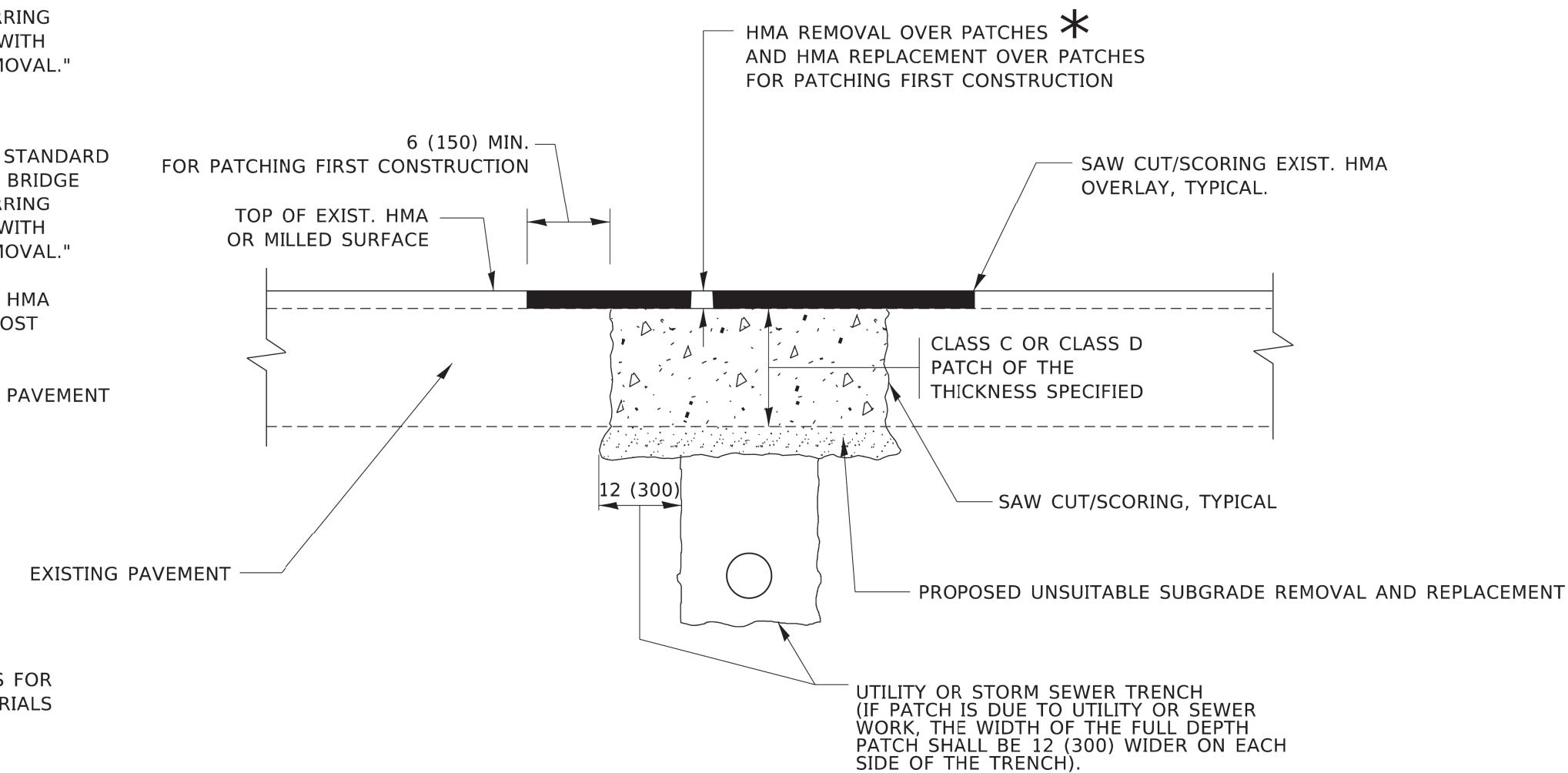
FILE NAME: SH-1316	USER NAME:	DESIGNED: JDH	REVISED: 08-04-25			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING PLAN	FAU ROUTE 1286	SECTION 24-00050-00-RS	COUNTY KANE	TOTAL SHEETS 21	HEET NO. 15
	DRAWN: SMF	REVISED: 12-17-25										
PLOT SCALE: 1": 20"	CHECKED: JCS	REVISED:										CONTRACT NO. 61L66
PLOT DATE: DATE: 02-04-25	REVISED:					SCALE: 1": 20"	SHEET NO. 3 OF 3 SHEETS	STA: 29+60 TO STA: 35+68	FED. ROAD DIST. NO.	ILLINOIS	FED. AD. 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.



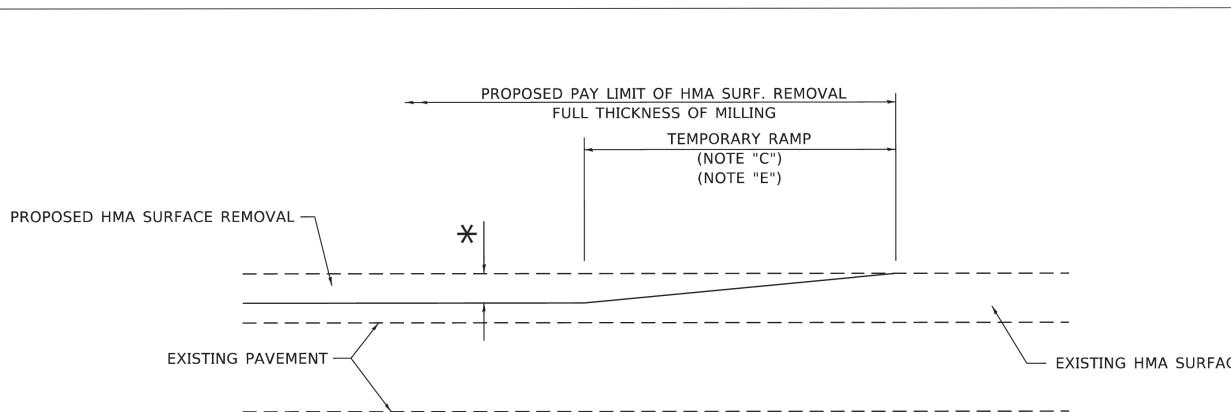
SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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 $4\frac{1}{2}$ 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.

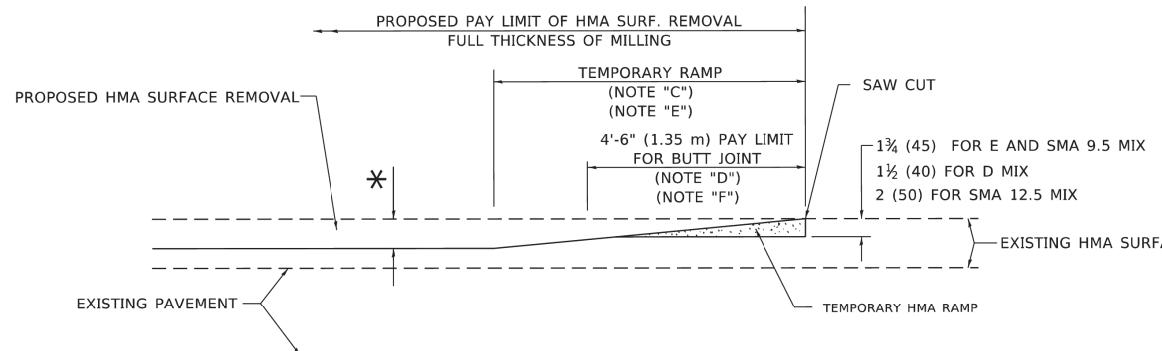
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

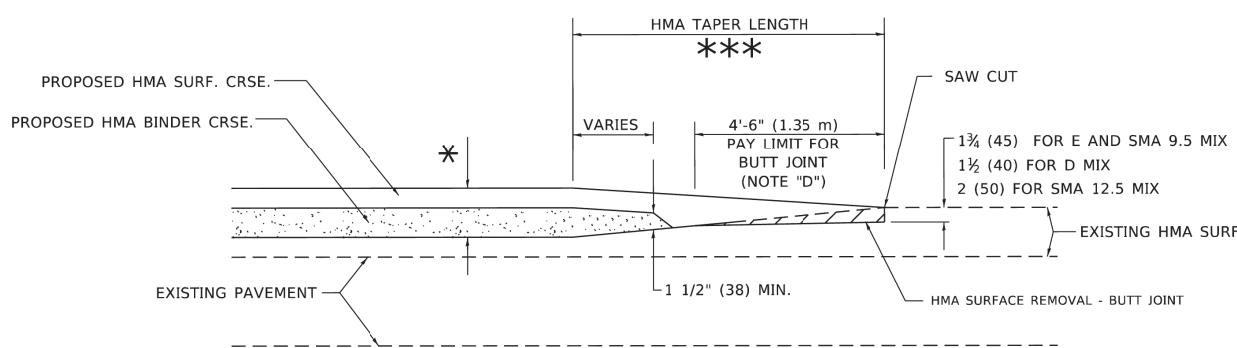


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

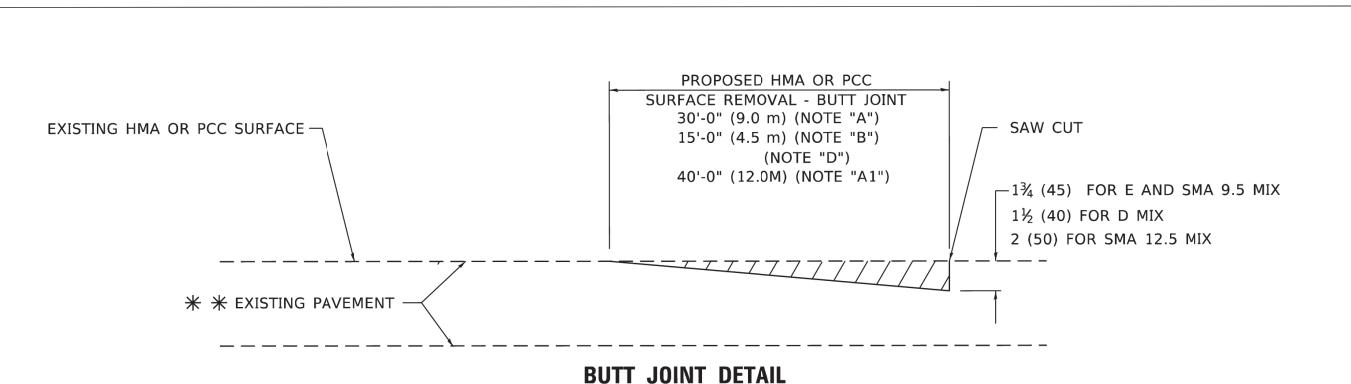
OPTION 2

TYPICAL TEMPORARY RAMP

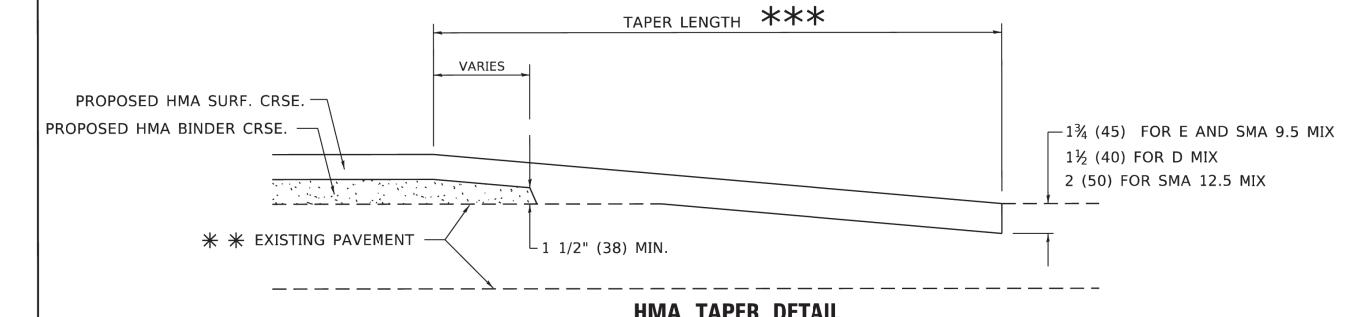


BUTT JOINT AND HMA TAPER

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.

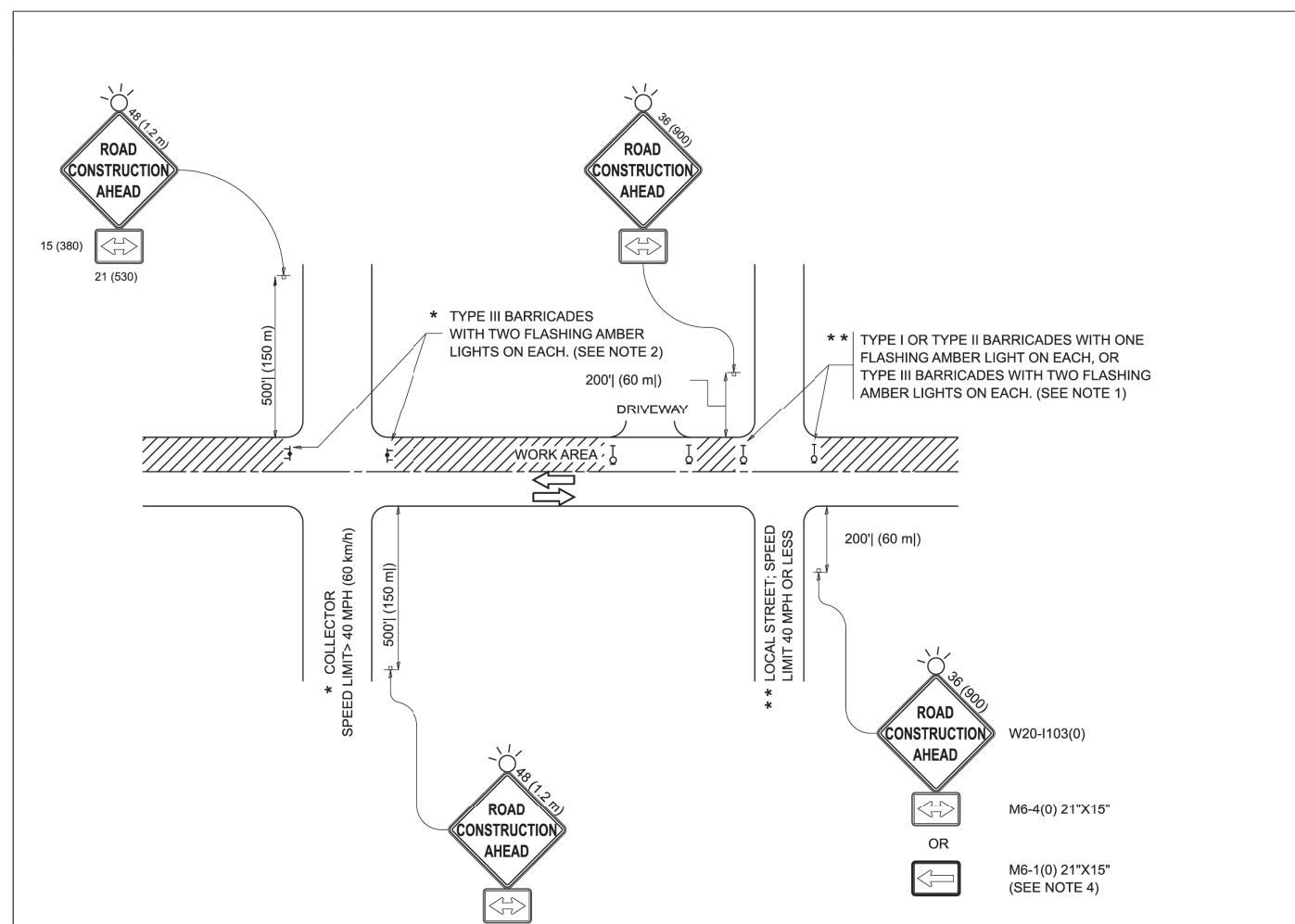
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. 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.
- F. 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

1. 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".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

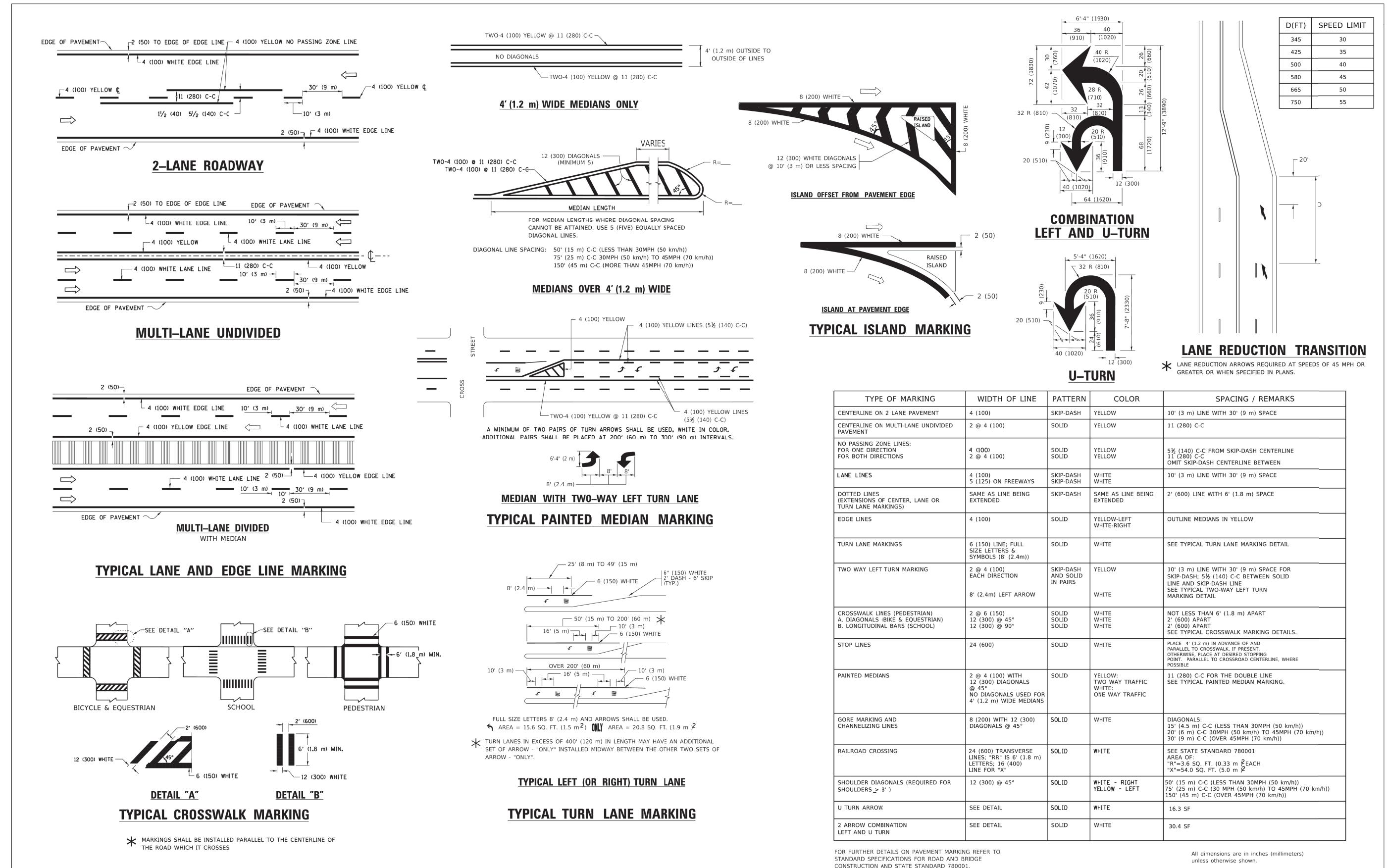
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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 MEDIANES 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 MEDIANES	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANES	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 m \times 10.8 m) "X"=34.0 SQ. FT. (5.0 m \times 6.8 m)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS \geq 8')	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.

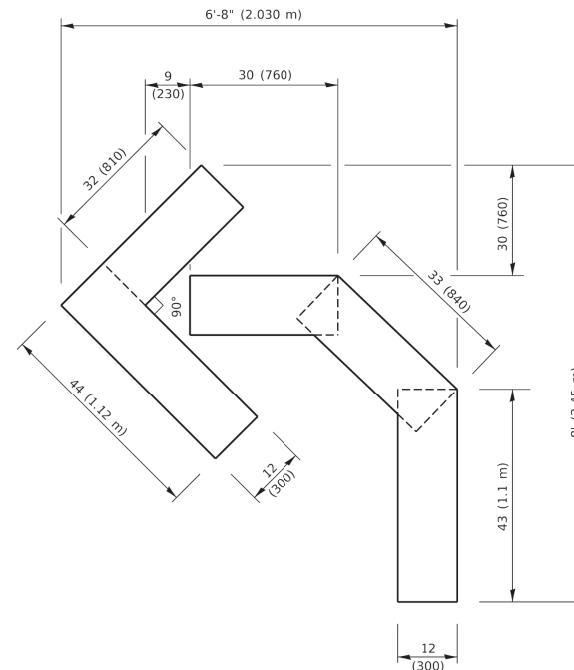
dimensions are in inches (millimeters) less otherwise shown.

FILE NAME: ED-1984	GERALD L. HEINZ & ASSOCIATES, INC. CONSULTING ENGINEERS & LAND SURVEYORS 206 NORTH RIVER STREET EAST DUNDEE, ILLINOIS 60118	USER NAME:	DESIGNED: EVER	REVISED: C. JUCIUS
		DRAWN:		REVISED: C. JUCIUS
		PLOT SCALE: NTS	CHECKED:	REVISED: C. JUCIUS
		PLOT DATE:	DATE: 03-19-90	REVISED: C. JUCIUS

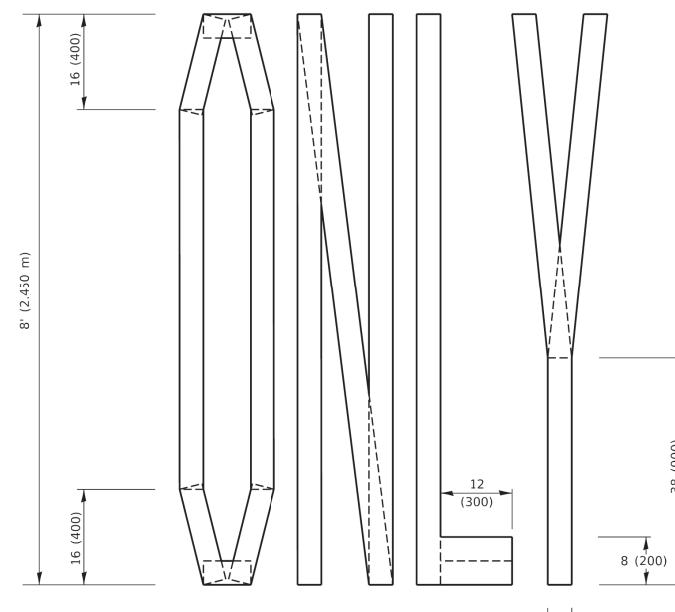
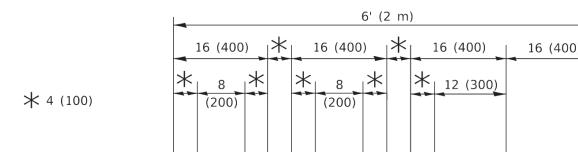
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKING (TC-13)

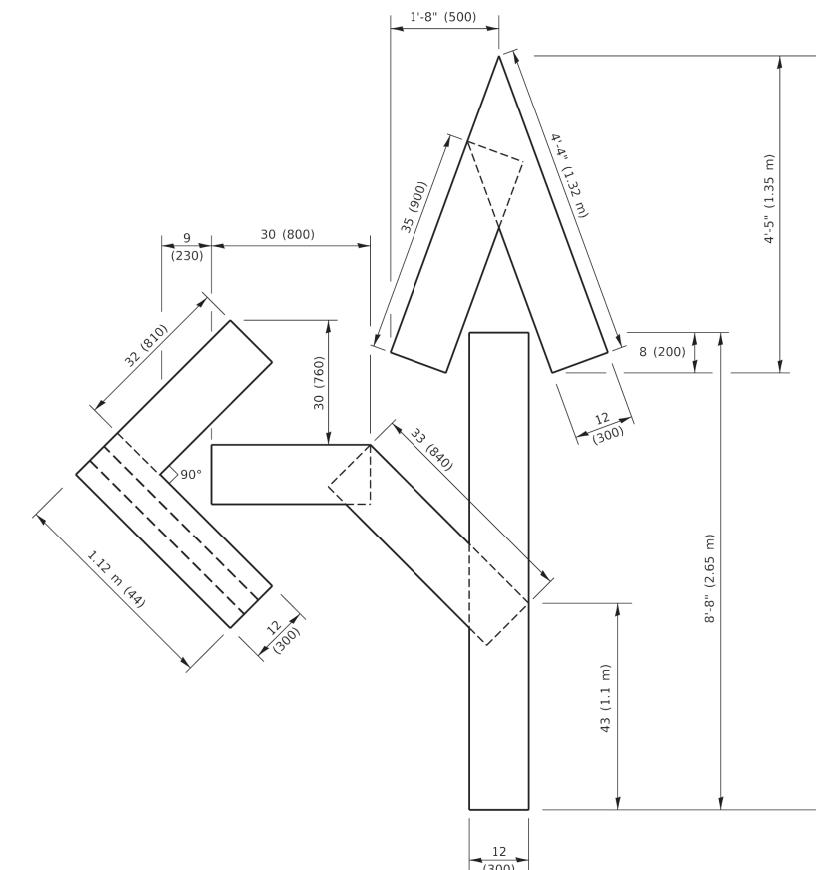
FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1286	24-00050-00-RS	KANE	21	19
CONTRACT NO. 61L66				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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



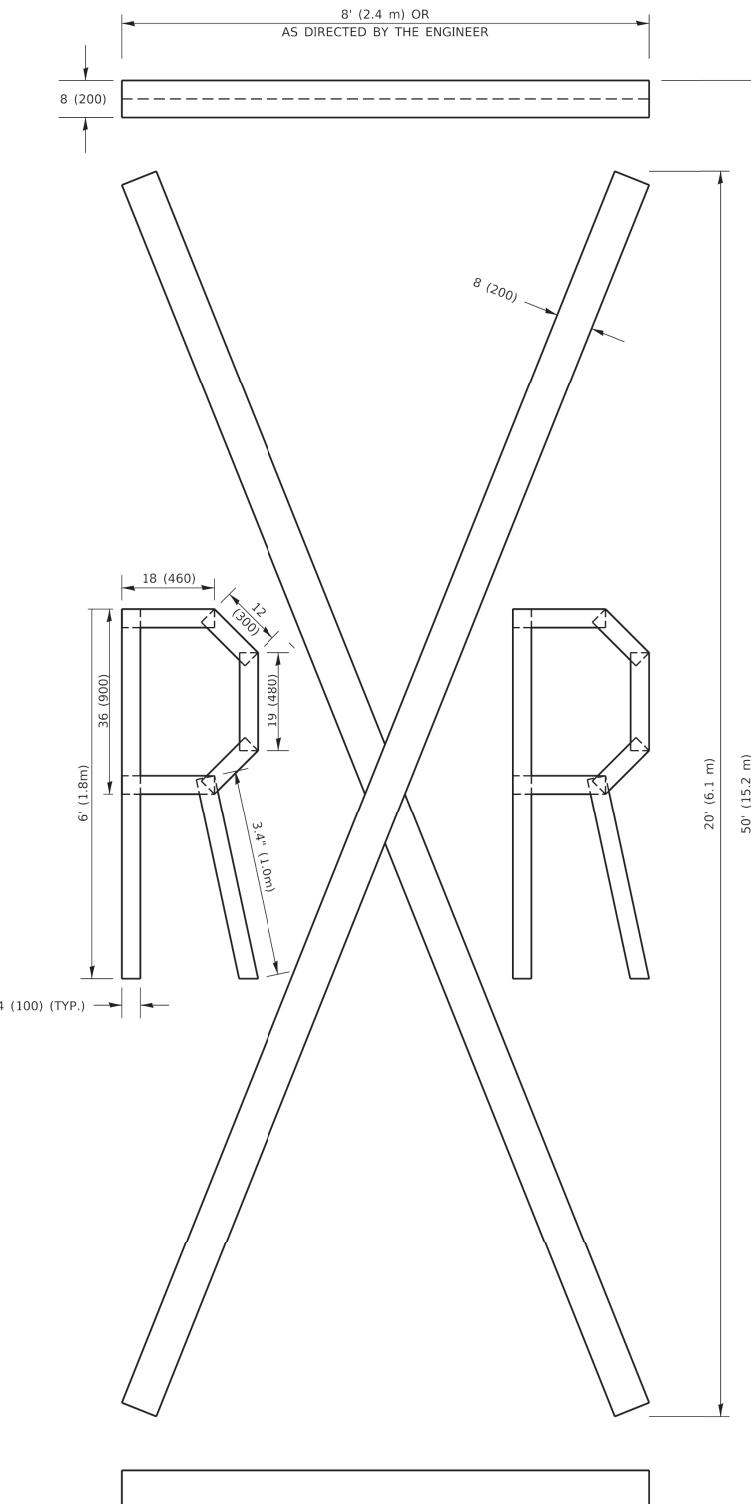
QUANTITY
4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)



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

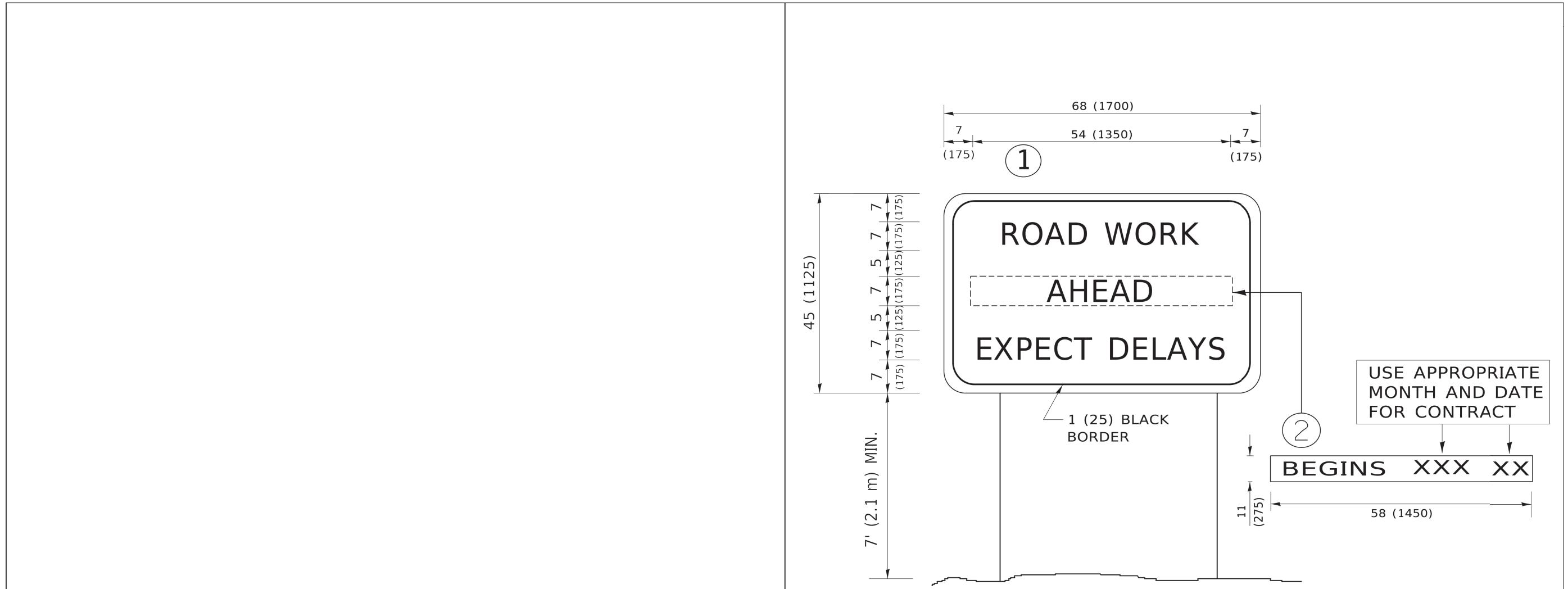
NOTE:

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 SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON 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.