

06-12-2026 LETTING ITEM 041

FOR INDEX OF SHEETS, SEE SHEET NO. 2

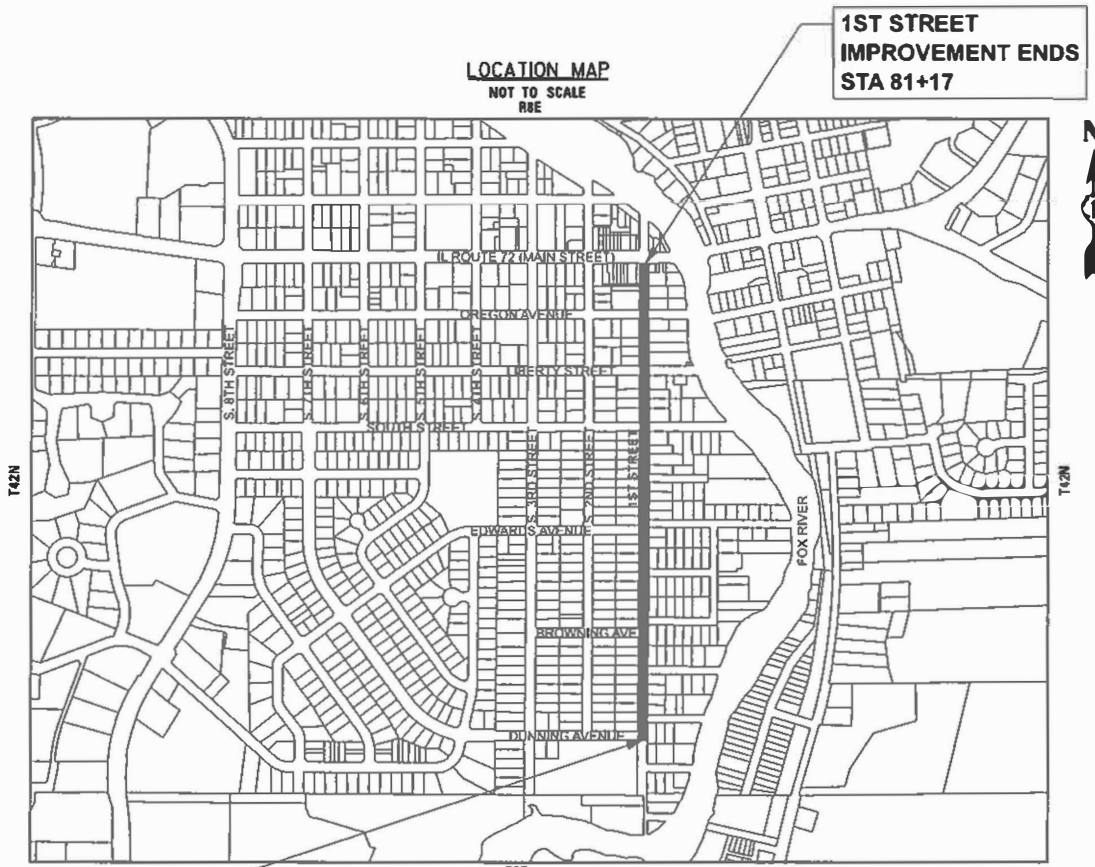
FOR INDEX OF HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA
1ST STREET
MINOR COLLECTOR
POSTED SPEED 25 MPH
DESIGN SPEED 25 MPH

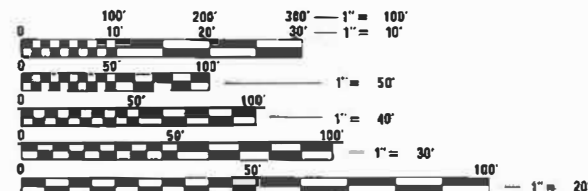
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU 2409 1ST STREET
FROM DUNNING AVENUE TO IL ROUTE 72 (W MAIN STREET)
RESURFACING
SECTION: 24-00059-00-RS
PROJECT: IJ1F(336)
VILLAGE OF WEST DUNDEE
KANE COUNTY
C-91-128-25

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-RS	KANE	27	I
IJ1F(336)		ILLINOIS	CONTRACT NO. 61M44	



JONATHAN D. MILLER
 067-68953
 LICENSED PROFESSIONAL ENGINEER
 OF THE STATE OF ILLINOIS
 1/4/26
 EXPIRES 11-30-2027



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. DESIGN STAGE REQUEST
DIG. No. X242760826

Call Before You Dig
 CONTACT JULIE AT 811 OR 800-892-0123 WITH THE FOLLOWING:
 COUNTY = KANE
 CITY-TOWNSHIP = WEST DUNDEE - DUNDEE
 SEC. & 1/4 SEC. NO. = 22SE 23SW 26NW 27NE
 48 HOURS (2 working days) BEFORE YOU DIG

1ST STREET IMPROVEMENT BEGINS STA 50+83

GROSS LENGTH = 3,034 FT. = 0.575 MILE
NET LENGTH = 3,034 FT. = 0.575 MILE

BAXTER & WOODMAN
Consulting Engineers

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED Eric Babcock 1/5/26
Eric Babcock
VILLAGE OF WEST DUNDEE

PASSED April 9, 2026
DISTRICT 1 ENGINEER OF LOCAL ROADS

RELEASING FOR BID BASED ON LIMITED REVIEW April 9th, 2026
REGIONAL ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FEDERAL AID PROGRAM ENGINEER: CARMEN E. RAMOS, P.E., SCHAMBERG, IL

CONTRACT NO. 61M44

COMMITMENTS

NONE

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE DETAILS IN THE PLANS, THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS, AND THE FOLLOWING STATE OF ILLINOIS SPECIFICATIONS: "THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (REFERRED TO AS THE "STANDARD SPECIFICATIONS"), THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", THE "MANUAL OF TEST PROCEDURES FOR MATERIALS" AND THE "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS".
- UTILITY LOCATIONS HAVE NOT BEEN SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES, INCLUDING SPRINKLER SYSTEMS, EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS
- THE CONTRACTOR SHALL NOTIFY THE VILLAGE PUBLIC WORKS ADMINISTRATOR AT LEAST 48 HOURS IN ADVANCE OF BEGINNING WORK TO OBTAIN VILLAGE UTILITY LOCATIONS.
- THE CONTRACTOR MAY OBTAIN MUNICIPAL WATER IN BULK, AT NO CHARGE, AS LONG AS THERE IS NOT A "WATERING BAN" IN EFFECT. THE INDISCRIMINATE USE OF FIRE HYDRANTS IS STRICTLY PROHIBITED. WATER FOR CONSTRUCTION SHALL BE METERED OR OTHERWISE ACCOUNTED FOR AND A DAILY LOG MAINTAINED. THE CONTRACTOR SHALL PROVIDE THE WATER TRUCK AND DRIVER REQUIRED TO OBTAIN AND TRANSPORT THIS WATER. THE VILLAGE RESERVES THE RIGHT TO RESTRICT OR REFUSE THE USE OF VILLAGE WATER IF DEEMED NECESSARY.
- THE CONTRACTOR SHALL SUBMIT A PREPLANNED SEQUENCE OF WORK AT THE PRECONSTRUCTION CONFERENCE FOR REVIEW AND APPROVAL. WORK SHALL BE SCHEDULED TO MINIMIZE INCONVENIENCE TO RESIDENTS AND BUSINESSES AND TO MAINTAIN A REASONABLE LEVEL OF CONSTRUCTION EFFICIENCY. THE ENGINEER RESERVES THE RIGHT TO RESTRICT WORK ON ANY ROADWAY SEGMENT IF CONSTRUCTION OPERATIONS ON A PREVIOUS SEGMENT ARE UNACCEPTABLE; TRAFFIC CONTROL OPERATIONS BECOME UNACCEPTABLE; OR AN EROSION CONTROL DEFICIENCY EXISTS.
- ACCESS TO PRIVATE/COMMERCIAL DRIVEWAYS SHALL BE PROVIDED AT ALL TIMES EXCEPT DURING ACTUAL CONSTRUCTION ADJACENT THERE TO. DRIVEWAY REPLACEMENT AND CURB AND GUTTER REPLACEMENT ACROSS COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED HALF AT A TIME TO MAINTAIN ACCESS.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER, RESIDENTS/BUSINESSES, AND THE VILLAGE WHEN ACCESS TO DRIVEWAYS WILL BE TEMPORARILY CLOSED DUE TO CURB AND GUTTER AND/OR DRIVEWAY REPLACEMENT. THE CONTRACTOR SHALL DISTRIBUTE NOTICES PROVIDED BY THE VILLAGE TO RESIDENTS/BUSINESSES AT LEAST 24 HOURS PRIOR TO PLANNED CLOSURE. EVERY EFFORT SHALL BE MADE TO ACCOMMODATE ACCESS TO THESE PROPERTIES INCLUDING KNOCKING ON DOORS WHEN DRIVEWAYS ARE ABOUT TO BE CLOSED.
- ALL STREETS SHALL BE OPEN TO TWO-WAY TRAFFIC AT THE END OF EACH DAY.
- DURING CONSTRUCTION, THE CONTRACTOR WILL BE PERMITTED TO LIMIT ON-STREET PARKING IN ORDER TO COMPLETE CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE WITH THE MUNICIPALITY A MINIMUM OF 48 HOURS IN ADVANCE. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PLACE ADVANCE SIGNS TO ALERT RESIDENTS AND COMMUTERS OF THE PARKING RESTRICTIONS. THE PLACEMENT OF THESE SIGNS SHALL TAKE PLACE 48 HOURS IN ADVANCE IN ORDER TO ALLOW SUFFICIENT TIME FOR RESIDENTS AND GENERAL PUBLIC TO REVISE THEIR PARKING PATTERNS.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- INLET FILTERS SHALL BE INSTALLED ON OPEN LID STRUCTURES AS DIRECTED BY ENGINEER.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT ENGINEER.

000001-09	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-04	CLASS C AND D PATCHES
602301-04	INLET - TYPE A
604001-05	FRAME AND LIDS TYPE 1
604051-04	FRAME AND GRATE TYPE 11
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
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
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
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
780001-05	TYPICAL PAVEMENT MARKINGS

INDEX OF SHEETS

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19	MISCELLANEOUS DETAILS
20	BD-08 DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
21	BD-22 PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
22	BD-24 CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
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PLOT DATE = 3/31/2026	DATE - 3/31/2026				ILLINOIS FED. AID PROJECT I1F(336)							

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				1ST STREET 75% FED 25% LOCAL	ROADWAY 0005 URBAN
20101100	TREE TRUNK PROTECTION	EACH	11	11	
20101200	TREE ROOT PRUNING	EACH	11	11	
20200100	EARTH EXCAVATION	CU YD	130	130	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	145	145	
21001000	GEO TECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	290	290	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	505	505	
25200110	SODDING, SALT TOLERANT	SQ YD	505	505	
25200200	SUPPLEMENTAL WATERING	UNIT	28	28	
28000510	INLET FILTERS	EACH	19	19	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	88	88	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,168	1,168	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	7,110	7,110	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	3,034	3,034	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	14	14	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	210	210	

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-RS	KANE	27	3
CONTRACT NO. 61M44			ILLINOIS FED. AID PROJECT 11F(336)	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				1ST STREET	75% FED 25% LOCAL
				ROADWAY	
				0005	
				URBAN	
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	434		434
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1,031		1,031
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	420		420
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5,610		5,610
42400800	DETECTABLE WARNINGS	SQ FT	330		330
44000100	PAVEMENT REMOVAL	SQ YD	128		128
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	10,520		10,520
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	420		420
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	520		520
44000600	SIDEWALK REMOVAL	SQ FT	5,460		5,460
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	211		211
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	316		316
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	526		526
60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	4		4
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	3		3

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U. RTE: 2409	SECTION 24-00059-00-R5	COUNTY KANE	TOTAL SHEETS 27	SHEET NO. 4
CONTRACT NO. 61M44			ILLINOIS FED. AID PROJECT U11F0361	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				1ST STREET 75% FED 25% LOCAL	ROADWAY 0005 URBAN
60500060	REMOVING INLETS	EACH	4		4
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	540		540
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	156		156
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4		4
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1		1
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		1
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30		30
67100100	MOBILIZATION	L SUM	1		1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1		1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	700		700
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	240		240
* 72000100	SIGN PANEL - TYPE 1	SQ FT	67		67
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	120		120
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	350		350

* INDICATES SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	5
CONTRACT NO. 61M44			ILLINOIS FED. AID PROJECT 11F(336)	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				1ST STREET	75% FED
				25% LOCAL	ROADWAY
				0005	URBAN
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	270	270	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	264	264	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	90	90	
K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	9	9	
Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	2	2	
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	21	21	
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	122	122	
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	485	485	
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	9	9	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	22	22	
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	52	52	

* INDICATES SPECIALTY ITEM

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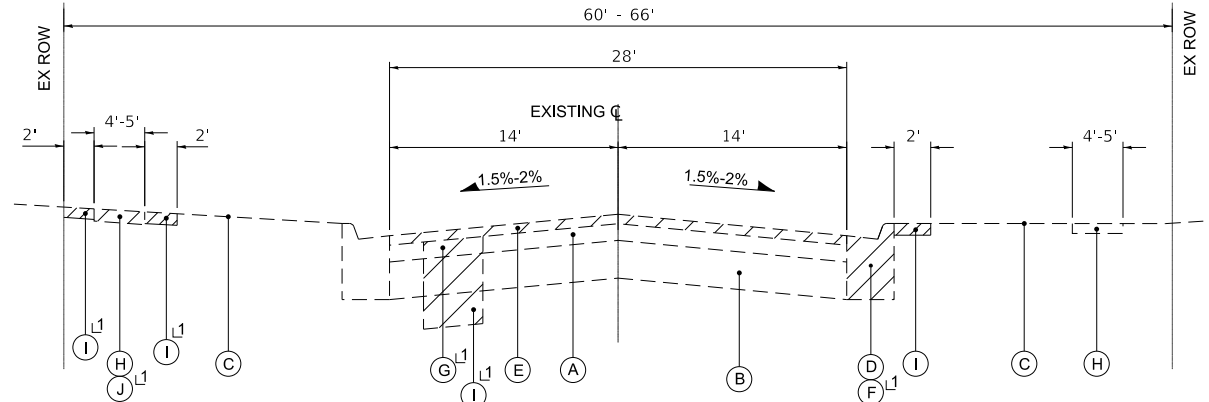
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

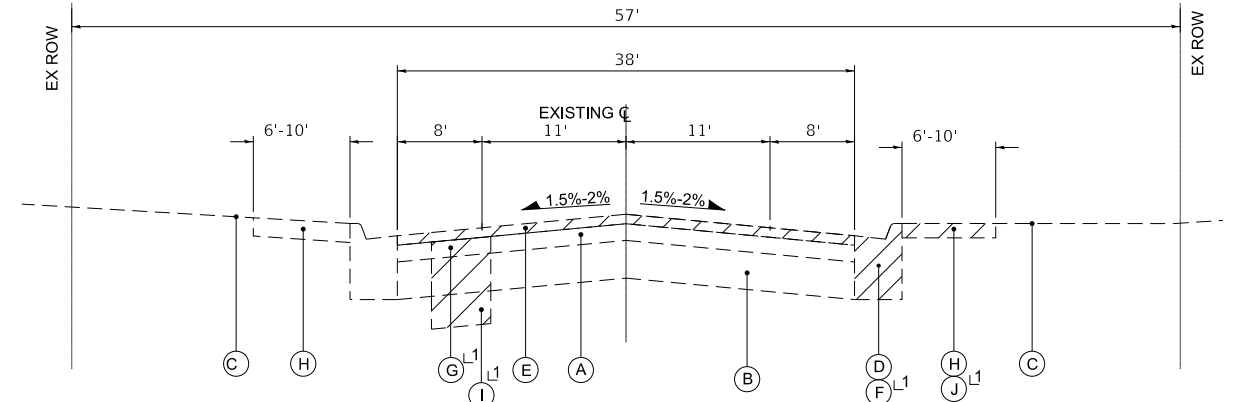
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61M44			ILLINOIS FED. AID PROJECT 11F(336)	



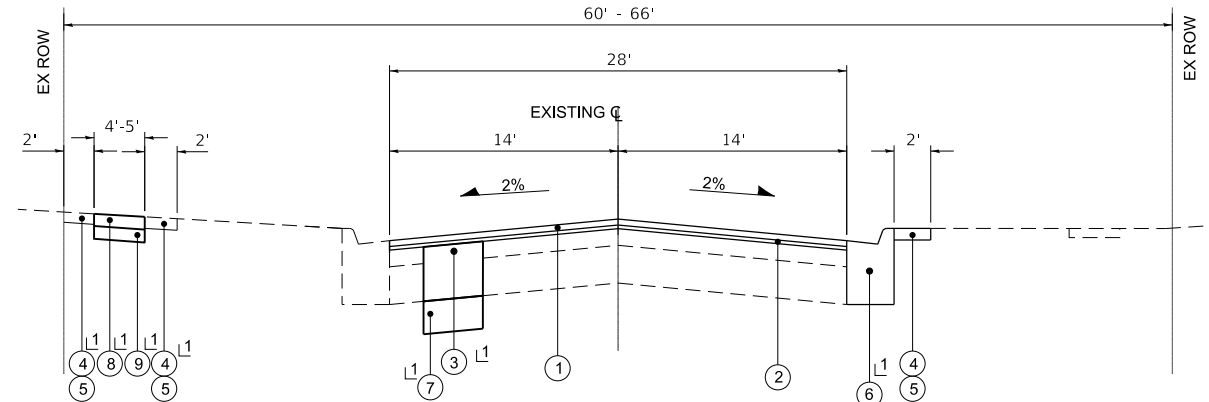
EXISTING TYPICAL SECTION

1ST STREET
FROM DUNNING AVENUE TO OREGON AVENUE
STA 50+83 TO STA 78+71
L1 LOCATIONS DETERMINED BY ENGINEER



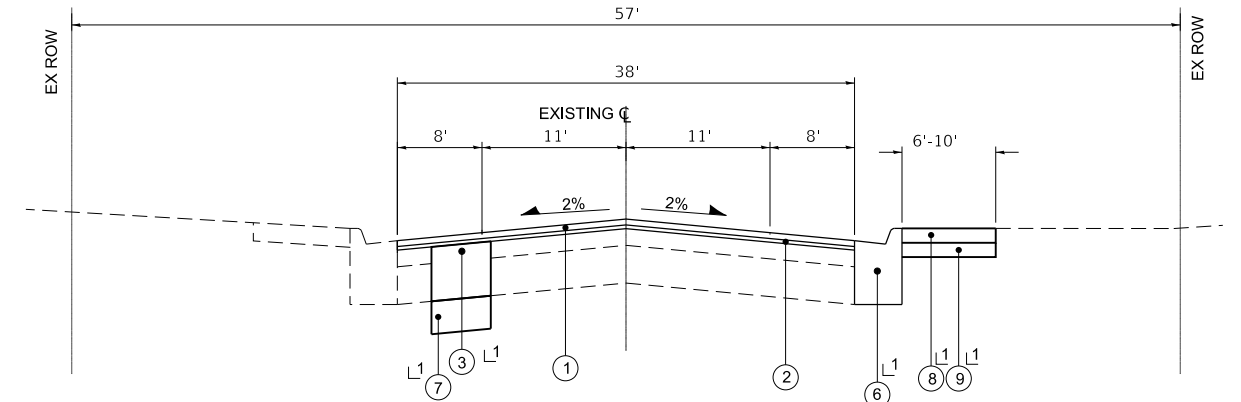
EXISTING TYPICAL SECTION

1ST STREET
FROM OREGON AVENUE TO IL ROUTE 72
STA 78+71 TO STA 81+17
L1 LOCATIONS DETERMINED BY ENGINEER



PROPOSED TYPICAL SECTION

1ST STREET
FROM DUNNING AVENUE TO OREGON AVENUE
STA 50+83 TO STA 78+71
L1 LOCATIONS DETERMINED BY ENGINEER



PROPOSED TYPICAL SECTION

1ST STREET
FROM OREGON AVENUE TO IL ROUTE 72
STA 78+71 TO STA 81+17
L1 LOCATIONS DETERMINED BY ENGINEER

EXISTING LEGEND

- (A) EXISTING HMA BINDER & SURFACE COURSE (3.5" - 5.25")
- (B) EXISTING PCC BASE COURSE (6" - 9")
- (C) GROUND SURFACE
- (D) EXISTING COMBINATION CURB AND GUTTER
- (E) HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- (F) REMOVE EXISTING COMBINATION CURB & GUTTER
- (G) REMOVAL FOR PATCHING
- (H) EXISTING SIDEWALK
- (I) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS
- (J) SIDEWALK REMOVAL
- [Hatched Box] REMOVAL ITEM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.75"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 0.75"
- (3) CLASS D PATCHES 10"
- (4) TOPSOIL FURNISH AND PLACE, 4"
- (5) SODDING, SALT TOLERANT
- (6) COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT
- (7) AGGREGATE SUBGRADE IMPROVEMENT
- (8) PORTLAND CEMENT CONCRETE SIDEWALK, 4"
- (9) AGGREGATE BASE COURSE, TYPE B 4"

LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50.

NOTE:
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE STANDARD SPECIFICATIONS AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50; 1 3/4"	4% @ 50 Gyr.	LR1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 Gyr.	LR1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0mm); 10"	4% @ 70 Gyr.	LR1030-2
QMP designation: Quality Control/Quality Assurance (QC/QA) PER LR1030-2		

- NOTES:
1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES 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.

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
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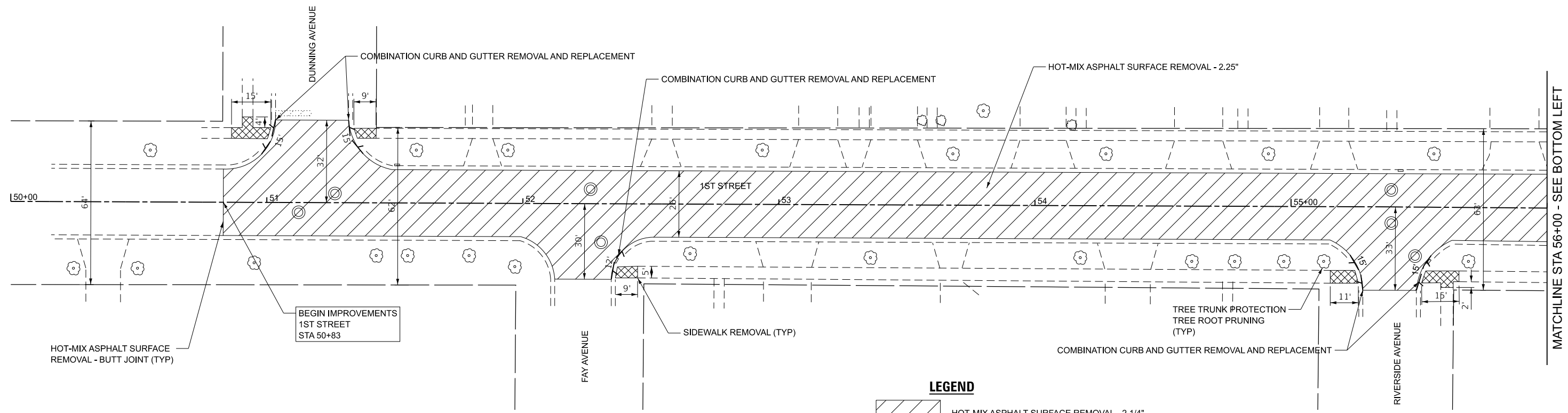
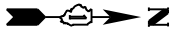
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS AND
HOT-MIX ASPHALT MIXTURE REQUIREMENTS

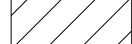


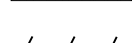
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CONTRACT NO. 61M44				
ILLINOIS FED. AID PROJECT 11F(336)				

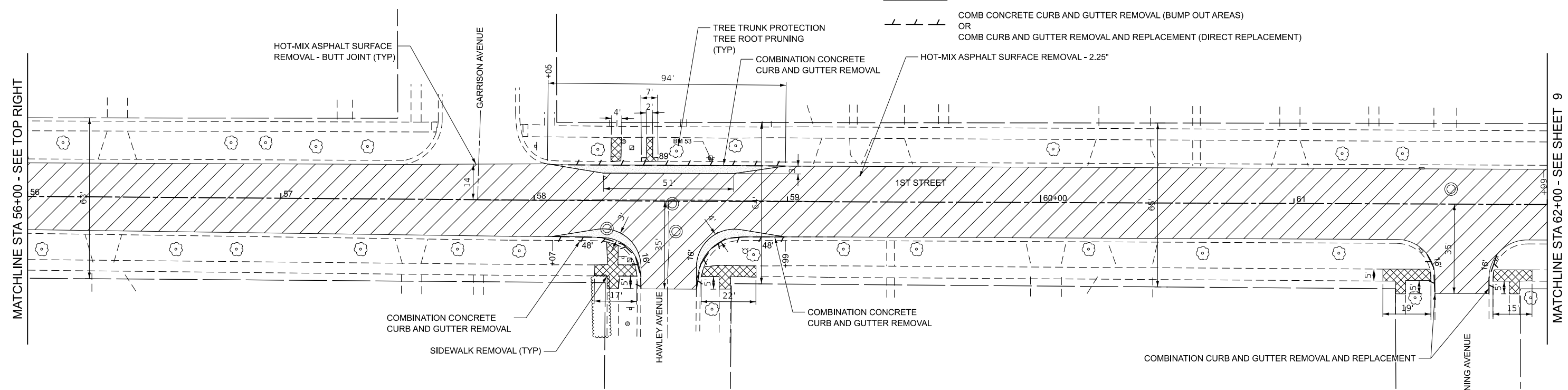
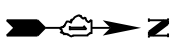
SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.



MATCHLINE STA 56+00 - SEE BOTTOM LEFT

LEGEND

-  HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
-  SIDEWALK REMOVAL
-  PAVEMENT REMOVAL
-  COMB CONCRETE CURB AND GUTTER REMOVAL (BUMP OUT AREAS)
OR
COMB CURB AND GUTTER REMOVAL AND REPLACEMENT (DIRECT REPLACEMENT)



MATCHLINE STA 56+00 - SEE TOP RIGHT

MATCHLINE STA 62+00 - SEE SHEET 9

BM 53 = 1976021.434, 999453.573, 743.712
RAILROAD SPIKE ON EAST SIDE OF POWER POLE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 jtmiller
 FILE NAME: P:\W\DIV\0222433-1st St STP Imps\CAD\Sheets\222433_ORD-SHT-Removal1.dgn



USER NAME = jtmiller	DESIGNED - JDM	REVISED -
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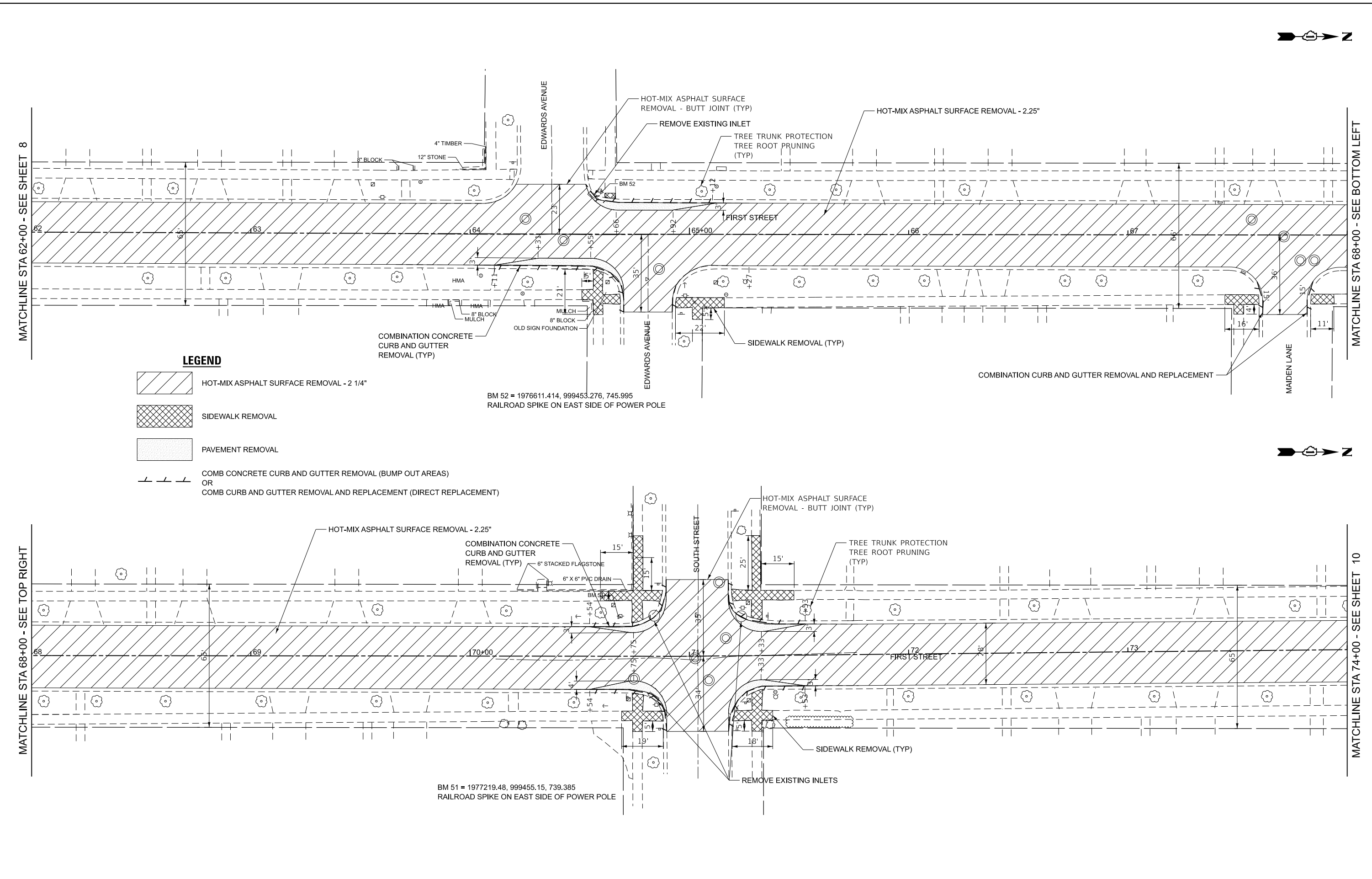
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION




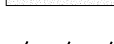
REMOVAL PLAN
1ST STREET

SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 50+83 TO STA. 62+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	8
CONTRACT NO. 61M44				
ILLINOIS FED. AID PROJECT 11F(336)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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 FILE NAME: P:\W\UNV\0222433-1st St STP Imps\CAD\Sheets\222433_ORD-SHT-Removal2.dgn



- LEGEND**
-  HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
 -  SIDEWALK REMOVAL
 -  PAVEMENT REMOVAL
 -  COMB CONCRETE CURB AND GUTTER REMOVAL (BUMP OUT AREAS) OR COMB CURB AND GUTTER REMOVAL AND REPLACEMENT (DIRECT REPLACEMENT)

BM 52 = 1976611.414, 999453.276, 745.995
 RAILROAD SPIKE ON EAST SIDE OF POWER POLE

BM 51 = 1977219.48, 999455.15, 739.385
 RAILROAD SPIKE ON EAST SIDE OF POWER POLE

MATCHLINE STA 62+00 - SEE SHEET 8

MATCHLINE STA 68+00 - SEE BOTTOM LEFT

MATCHLINE STA 68+00 - SEE TOP RIGHT

MATCHLINE STA 74+00 - SEE SHEET 10



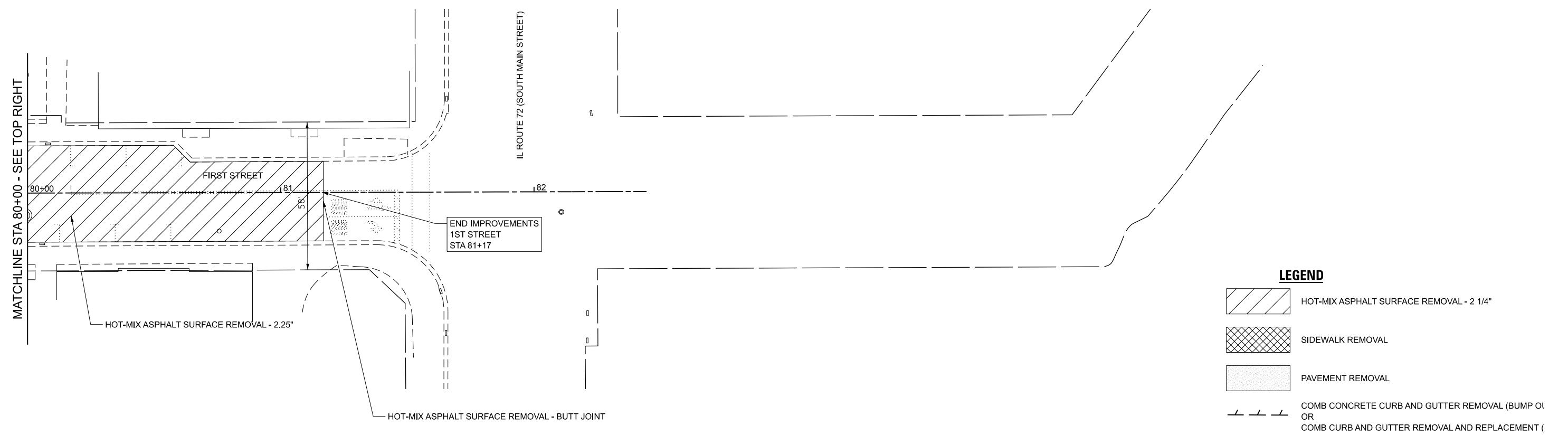
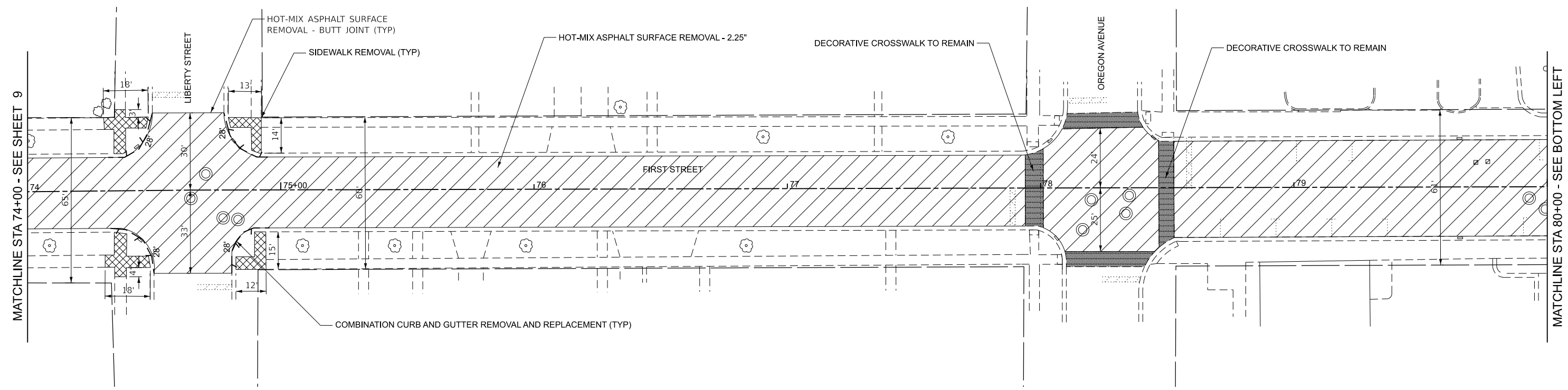
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PLOT DATE = 3/31/2026	DATE - 3/31/2026	FILE - 222433_ORD-SHT-Removal2.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

REMOVAL PLAN
1ST STREET

SCALE: 1" = 20' SHEET 2 OF 3 SHEETS STA. 62+00 TO STA. 74+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	9
CONTRACT NO. 61M44				
ILLINOIS FED. AID PROJECT I11F(336)				



LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL - 2 1/4"
	SIDEWALK REMOVAL
	PAVEMENT REMOVAL
	COMB CONCRETE CURB AND GUTTER REMOVAL (BUMP OR COMB CURB AND GUTTER REMOVAL AND REPLACEMENT (

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 jtmiller
 FILE NAME: P:\W\DIV\0222433-1E_S1_STP\Imps\CAD\Sheets\222433_ORD-SHT-Removal3.dgn



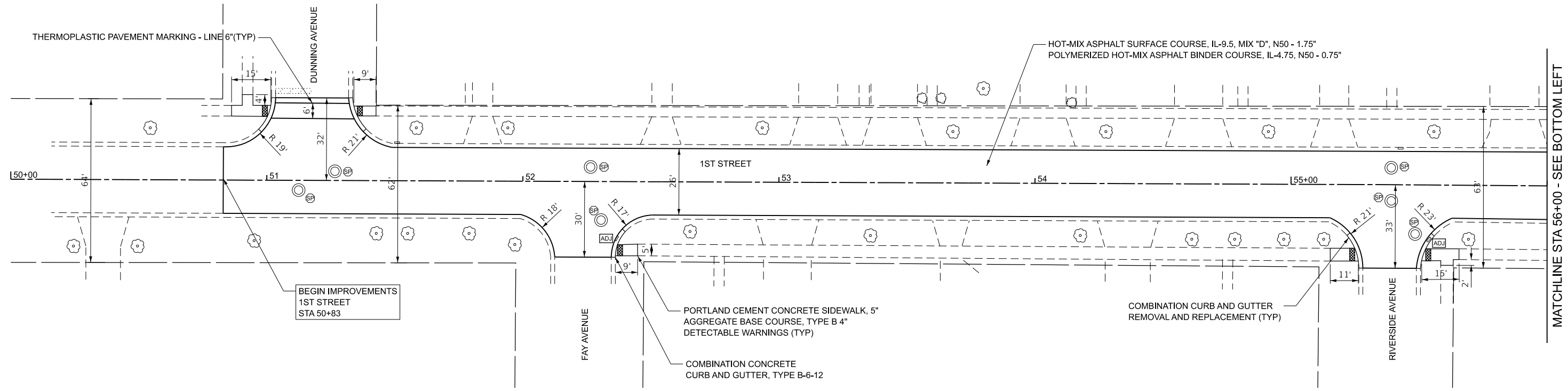
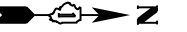
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PLOT DATE = 3/31/2026	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

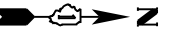
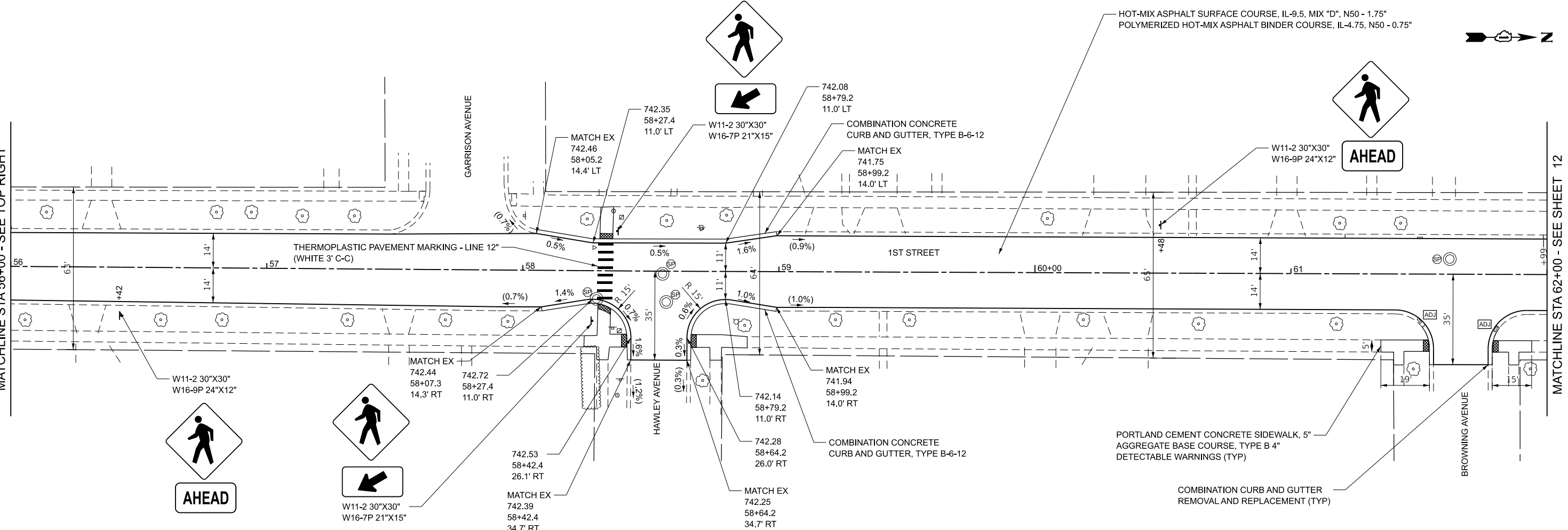
REMOVAL PLAN
1ST STREET

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 74+00 TO STA. 81+16

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	10
				CONTRACT NO. 61M44
ILLINOIS FED. AID PROJECT 111F(336)				



MATCHLINE STA 56+00 - SEE BOTTOM LEFT



MATCHLINE STA 62+00 - SEE SHEET 12

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 jtmiller 3/31/2026 10:34:59 AM
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MATCHLINE STA 56+00 - SEE TOP RIGHT



USER NAME = jtmiller	DESIGNED - JDM	REVISED -
PLOT SCALE = 20.000' / in.	DRAWN - MVV	REVISED -
PLOT DATE = 3/31/2026	CHECKED -	REVISED -
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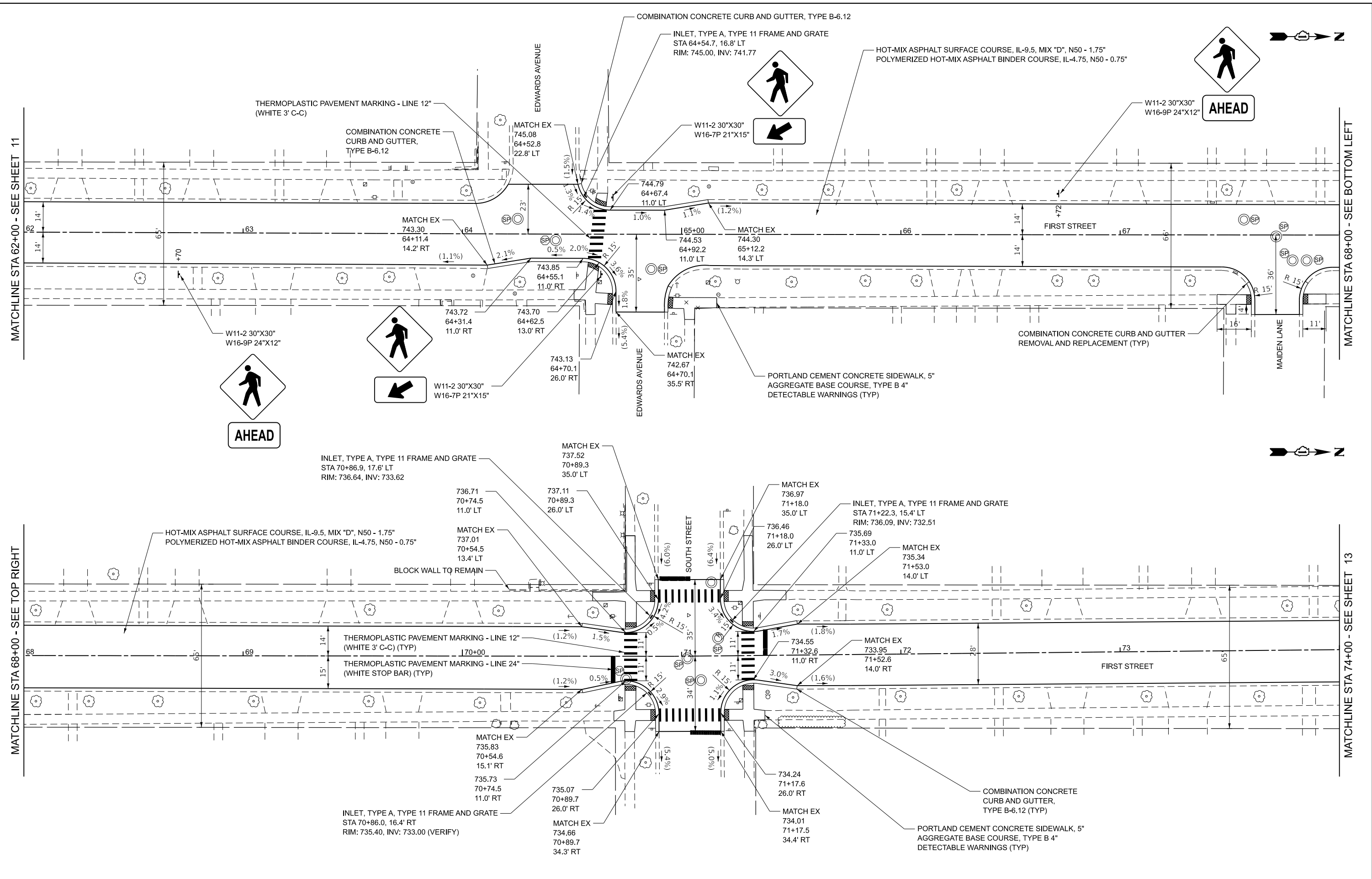
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
 1ST STREET

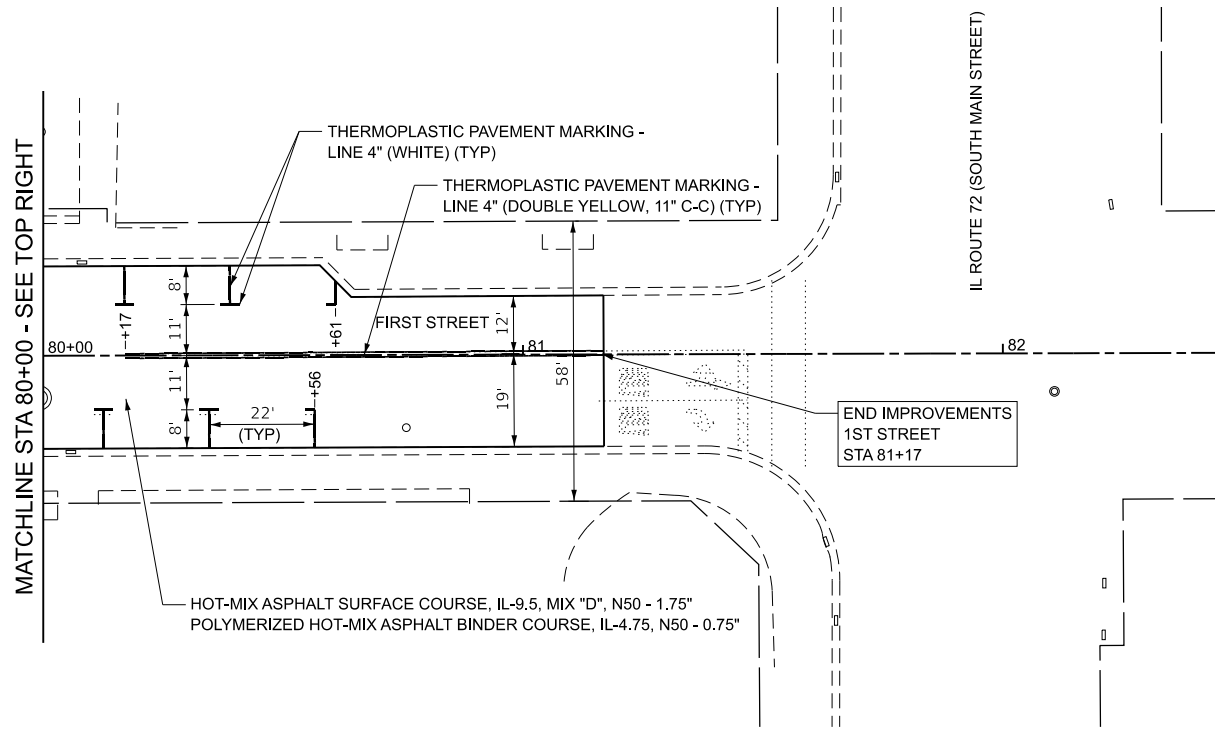
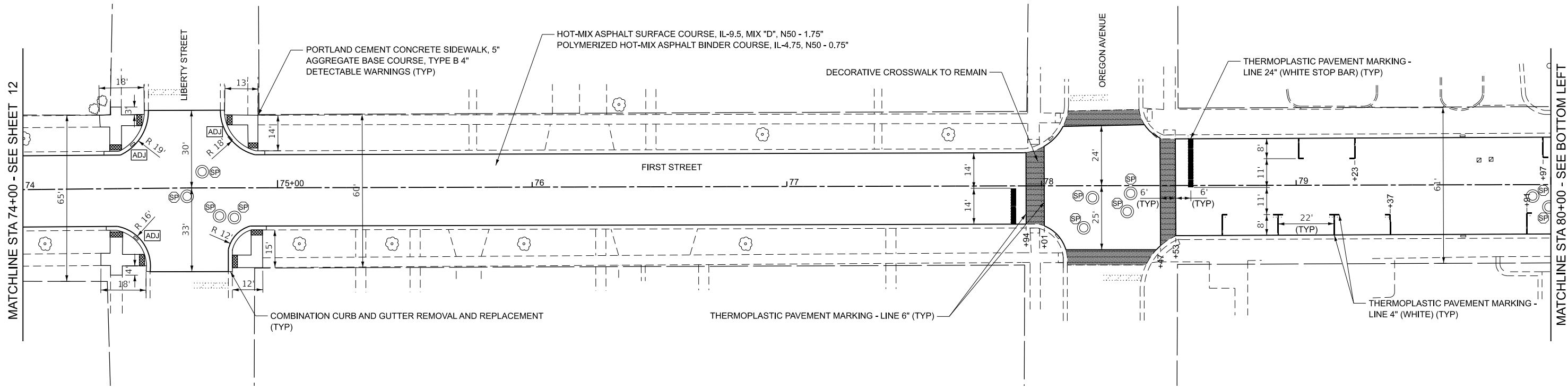
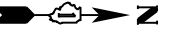
SCALE: 1" = 20' SHEET 1 OF 3 SHEETS STA. 50+83 TO STA. 62+00

F.A.U. RTE. 2409	SECTION 24-00059-00-R5	COUNTY KANE	TOTAL SHEETS 27	SHEET NO. 11
CONTRACT NO. 61M44				
ILLINOIS FED. AID PROJECT 11F(336)				

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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	USER NAME = jtmiller	DESIGNED - JDM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN 1ST STREET			F.A.U. RTE. 2409	SECTION 24-00059-00-R5	COUNTY KANE	TOTAL SHEETS 27	SHEET NO. 12	
	PLOT SCALE = 20.000' / in.	CHECKED -	REVISED -		SCALE: 1" = 20'	SHEET 2 OF 3 SHEETS	STA. 62+00 TO STA. 74+00	CONTRACT NO. 61M44					
	PLOT DATE = 3/31/2026	DATE - 3/31/2026	FILE - 222433_ORD-SHT-Plan2.dgn			ILLINOIS FED. AID PROJECT I1JF(336)							



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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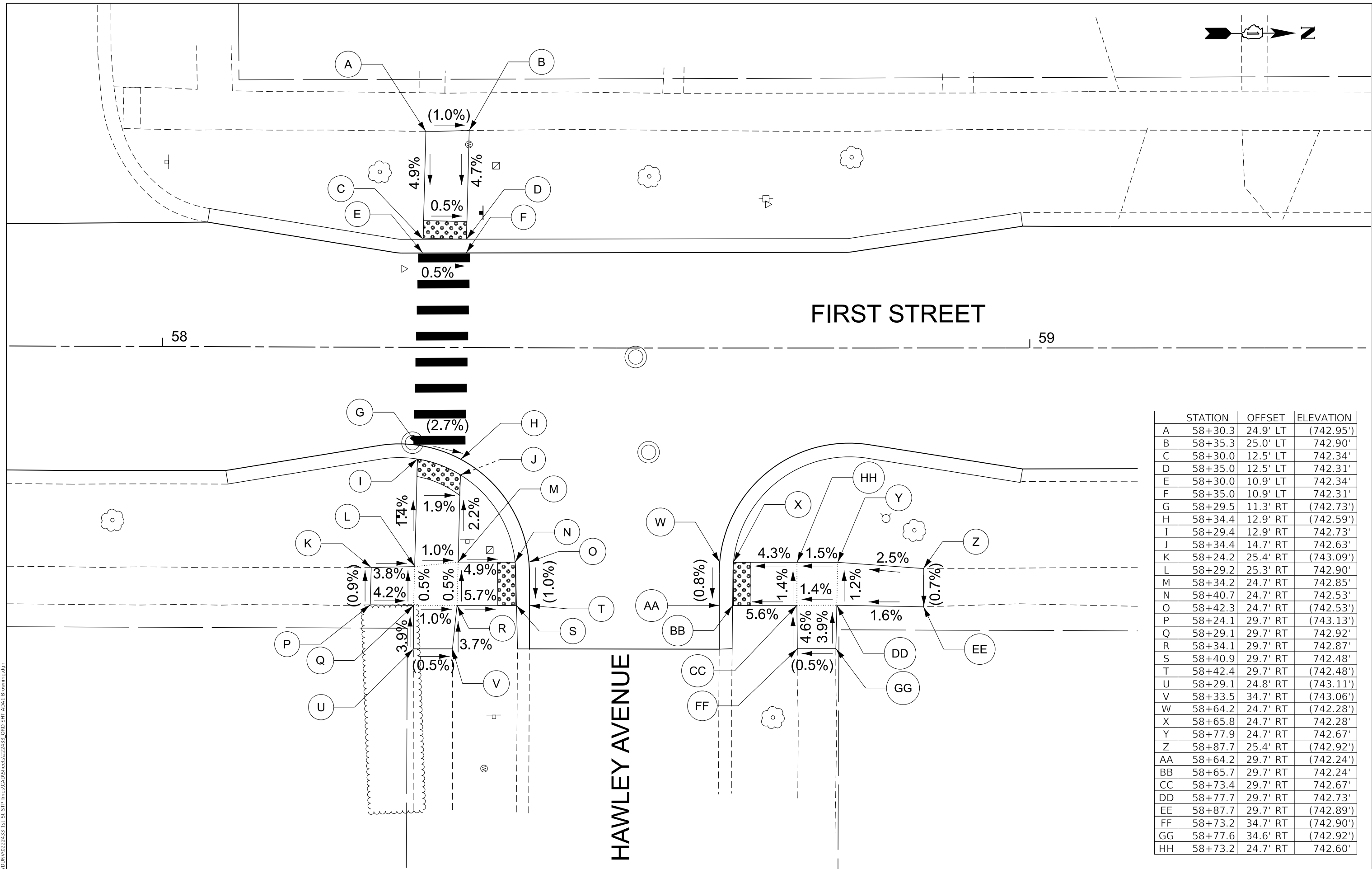
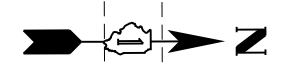
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PLOT DATE = 3/31/2026	DATE - 3/31/2026	FILE - 222433_ORD-SHT-Plan3.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
 1ST STREET

SCALE: 1" = 20' SHEET 3 OF 3 SHEETS STA. 74+00 TO STA. 81+16

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	13
CONTRACT NO. 61M44				
ILLINOIS FED. AID PROJECT 111F(336)				



	STATION	OFFSET	ELEVATION
A	58+30.3	24.9' LT	(742.95')
B	58+35.3	25.0' LT	742.90'
C	58+30.0	12.5' LT	742.34'
D	58+35.0	12.5' LT	742.31'
E	58+30.0	10.9' LT	742.34'
F	58+35.0	10.9' LT	742.31'
G	58+29.5	11.3' RT	(742.73')
H	58+34.4	12.9' RT	(742.59')
I	58+29.4	12.9' RT	742.73'
J	58+34.4	14.7' RT	742.63'
K	58+24.2	25.4' RT	(743.09')
L	58+29.2	25.3' RT	742.90'
M	58+34.2	24.7' RT	742.85'
N	58+40.7	24.7' RT	742.53'
O	58+42.3	24.7' RT	(742.53')
P	58+24.1	29.7' RT	(743.13')
Q	58+29.1	29.7' RT	742.92'
R	58+34.1	29.7' RT	742.87'
S	58+40.9	29.7' RT	742.48'
T	58+42.4	29.7' RT	(742.48')
U	58+29.1	24.8' RT	(743.11')
V	58+33.5	34.7' RT	(743.06')
W	58+64.2	24.7' RT	(742.28')
X	58+65.8	24.7' RT	742.28'
Y	58+77.9	24.7' RT	742.67'
Z	58+87.7	25.4' RT	(742.92')
AA	58+64.2	29.7' RT	(742.24')
BB	58+65.7	29.7' RT	742.24'
CC	58+73.4	29.7' RT	742.67'
DD	58+77.7	29.7' RT	742.73'
EE	58+87.7	29.7' RT	(742.89')
FF	58+73.2	34.7' RT	(742.90')
GG	58+77.6	34.6' RT	(742.92')
HH	58+73.2	24.7' RT	742.60'

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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	DATE = 3/31/2026	FILE - 222433_ORD-SHT-ADA1-Browning.dgn	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA DETAIL
HAWLEY AVENUE

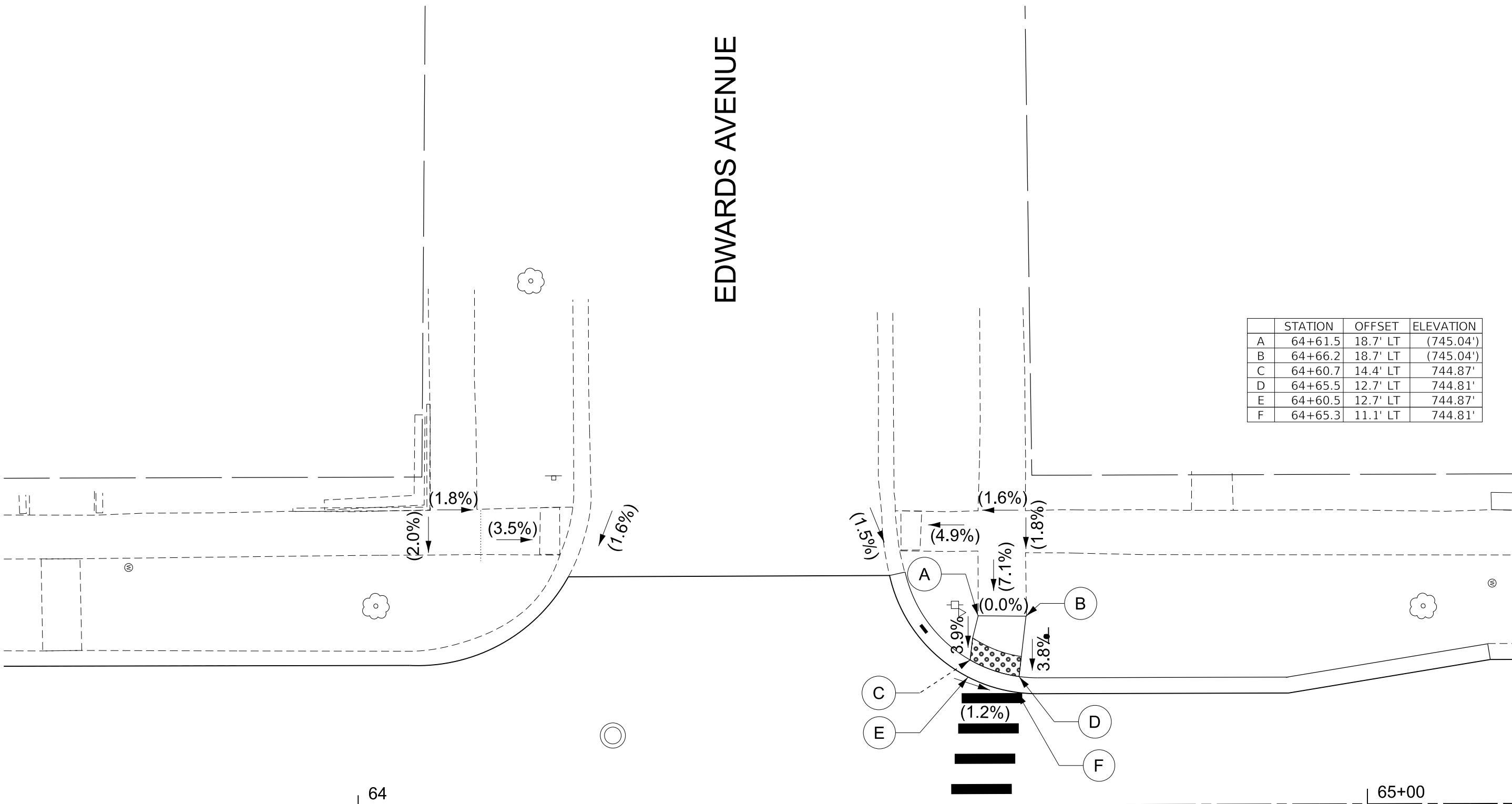
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	14
CONTRACT NO. 61M44				
ILLINOIS FED. AID PROJECT 111F(336)				



EDWARDS AVENUE

FIRST STREET



	STATION	OFFSET	ELEVATION
A	64+61.5	18.7' LT	(745.04')
B	64+66.2	18.7' LT	(745.04')
C	64+60.7	14.4' LT	744.87'
D	64+65.5	12.7' LT	744.81'
E	64+60.5	12.7' LT	744.87'
F	64+65.3	11.1' LT	744.81'

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA DETAIL
 EDWARDS AVENUE

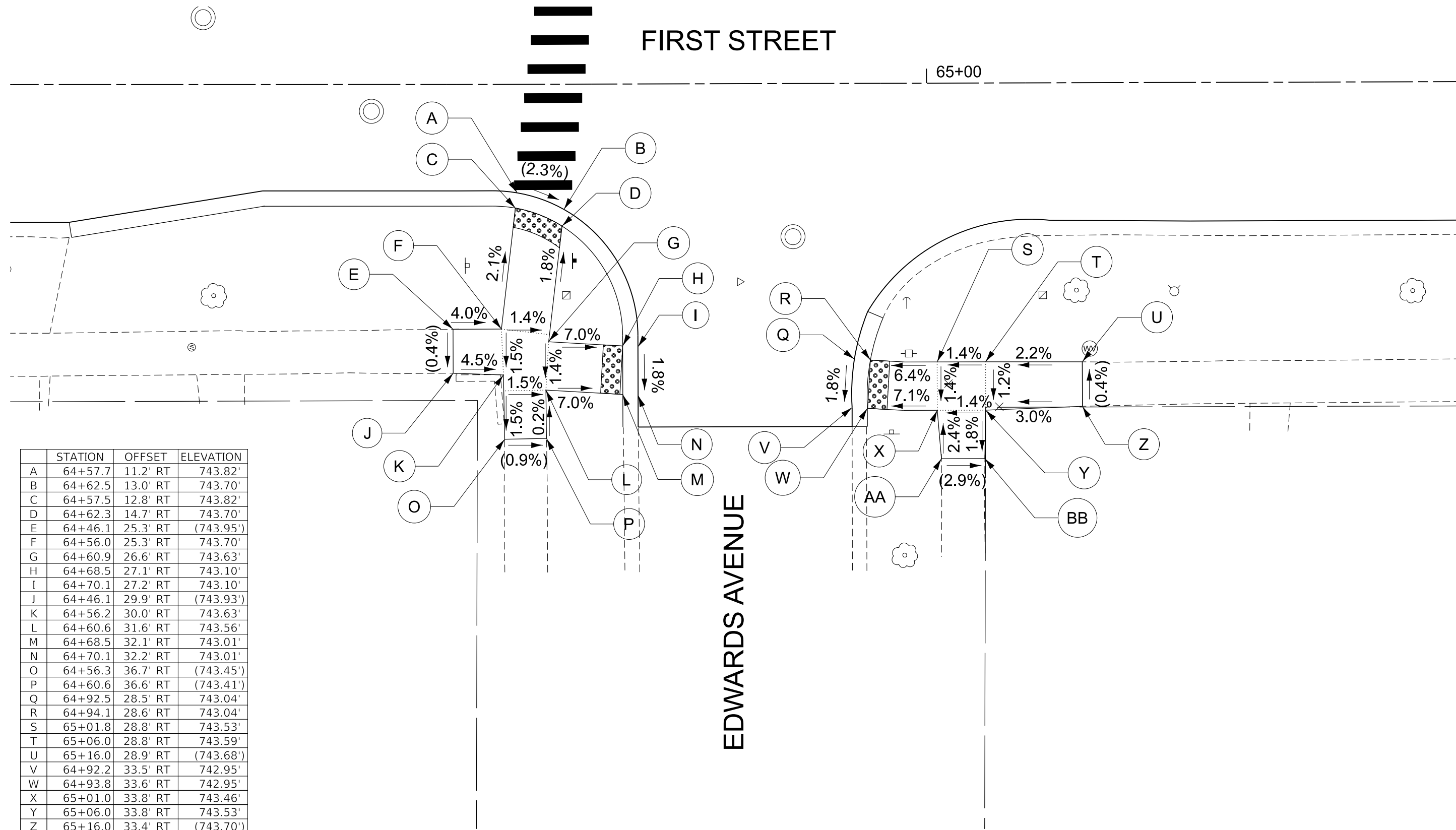
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	15
CONTRACT NO. 61M44				
ILLINOIS FED. AID PROJECT 111F(336)				



FIRST STREET

65+00



	STATION	OFFSET	ELEVATION
A	64+57.7	11.2' RT	743.82'
B	64+62.5	13.0' RT	743.70'
C	64+57.5	12.8' RT	743.82'
D	64+62.3	14.7' RT	743.70'
E	64+46.1	25.3' RT	(743.95')
F	64+56.0	25.3' RT	743.70'
G	64+60.9	26.6' RT	743.63'
H	64+68.5	27.1' RT	743.10'
I	64+70.1	27.2' RT	743.10'
J	64+46.1	29.9' RT	(743.93')
K	64+56.2	30.0' RT	743.63'
L	64+60.6	31.6' RT	743.56'
M	64+68.5	32.1' RT	743.01'
N	64+70.1	32.2' RT	743.01'
O	64+56.3	36.7' RT	(743.45')
P	64+60.6	36.6' RT	(743.41')
Q	64+92.5	28.5' RT	743.04'
R	64+94.1	28.6' RT	743.04'
S	65+01.8	28.8' RT	743.53'
T	65+06.0	28.8' RT	743.59'
U	65+16.0	28.9' RT	(743.68')
V	64+92.2	33.5' RT	742.95'
W	64+93.8	33.6' RT	742.95'
X	65+01.0	33.8' RT	743.46'
Y	65+06.0	33.8' RT	743.53'
Z	65+16.0	33.4' RT	(743.70')
AA	65+01.0	38.8' RT	(743.45')
BB	65+05.9	38.8' RT	(743.31')

EDWARDS AVENUE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

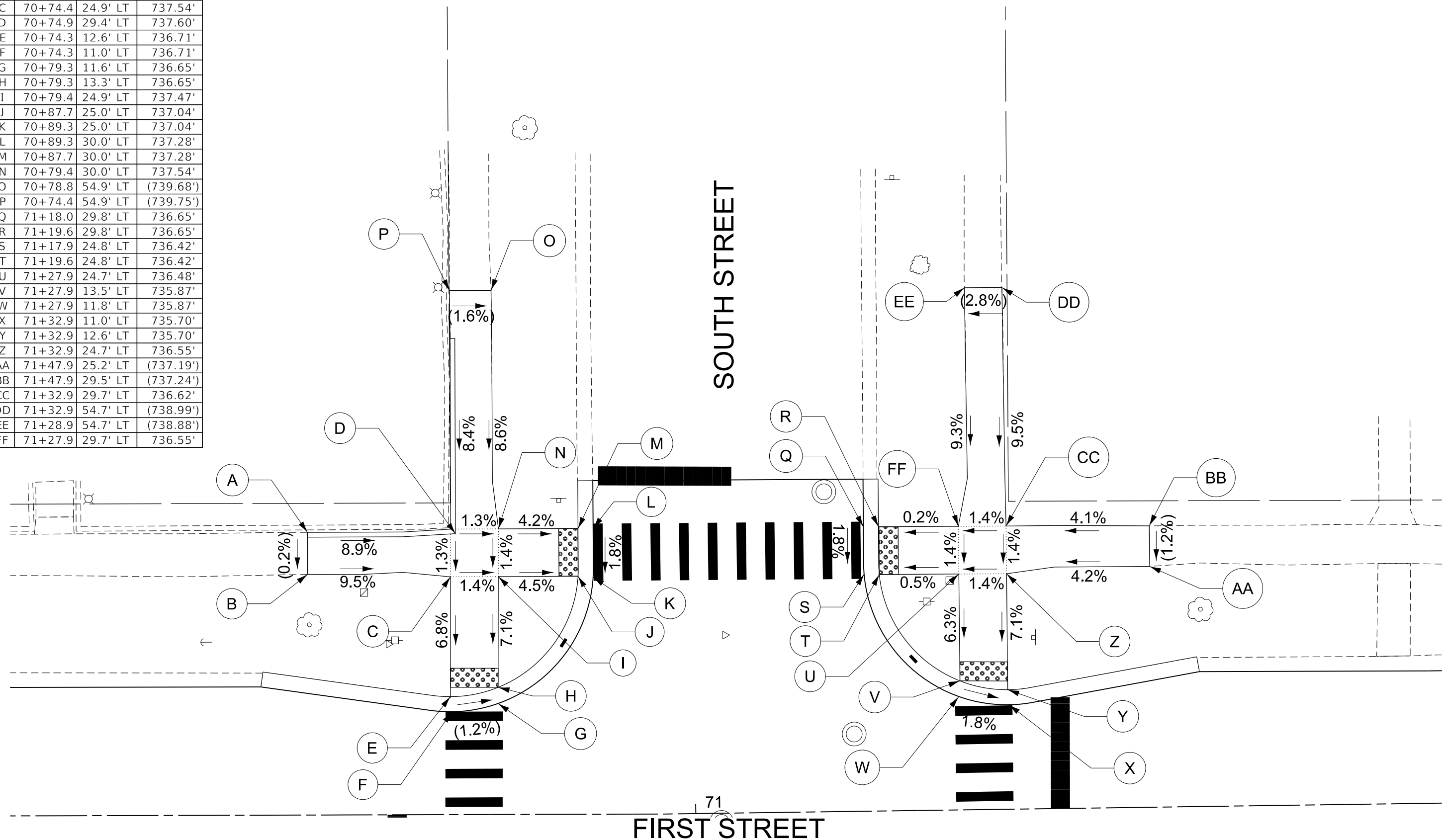
ADA DETAIL
EDWARDS AVENUE

SCALE: 1" = 5' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	16
CONTRACT NO. 61M44			ILLINOIS FED. AID PROJECT 111F(336)	



	STATION	OFFSET	ELEVATION
A	70+59.4	29.6' LT	(738.98')
B	70+59.4	25.2' LT	(738.97')
C	70+74.4	24.9' LT	737.54'
D	70+74.9	29.4' LT	737.60'
E	70+74.3	12.6' LT	736.71'
F	70+74.3	11.0' LT	736.71'
G	70+79.3	11.6' LT	736.65'
H	70+79.3	13.3' LT	736.65'
I	70+79.4	24.9' LT	737.47'
J	70+87.7	25.0' LT	737.04'
K	70+89.3	25.0' LT	737.04'
L	70+89.3	30.0' LT	737.28'
M	70+87.7	30.0' LT	737.28'
N	70+79.4	30.0' LT	737.54'
O	70+78.8	54.9' LT	(739.68')
P	70+74.4	54.9' LT	(739.75')
Q	71+18.0	29.8' LT	736.65'
R	71+19.6	29.8' LT	736.65'
S	71+17.9	24.8' LT	736.42'
T	71+19.6	24.8' LT	736.42'
U	71+27.9	24.7' LT	736.48'
V	71+27.9	13.5' LT	735.87'
W	71+27.9	11.8' LT	735.87'
X	71+32.9	11.0' LT	735.70'
Y	71+32.9	12.6' LT	735.70'
Z	71+32.9	24.7' LT	736.55'
AA	71+47.9	25.2' LT	(737.19')
BB	71+47.9	29.5' LT	(737.24')
CC	71+32.9	29.7' LT	736.62'
DD	71+32.9	54.7' LT	(738.99')
EE	71+28.9	54.7' LT	(738.88')
FF	71+27.9	29.7' LT	736.55'



STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 jtmiller
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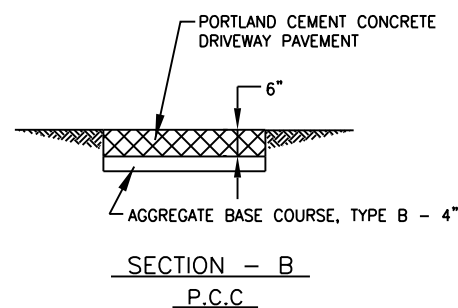
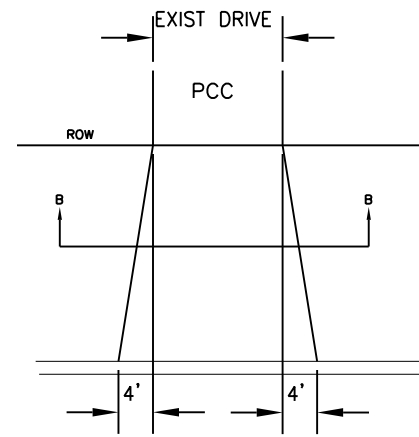
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

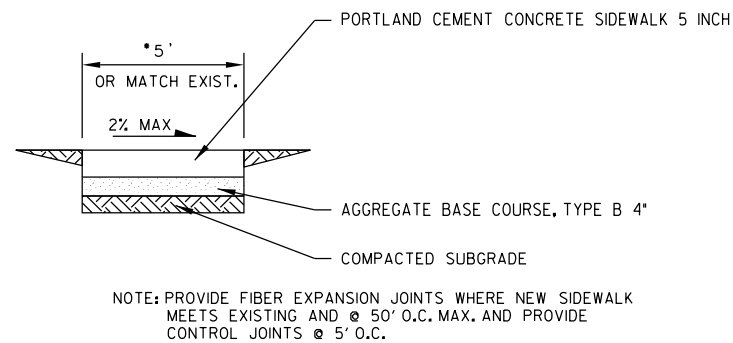
ADA DETAIL
SOUTH STREET

SCALE: 1" = 5' SHEET 4 OF 5 SHEETS STA. TO STA.

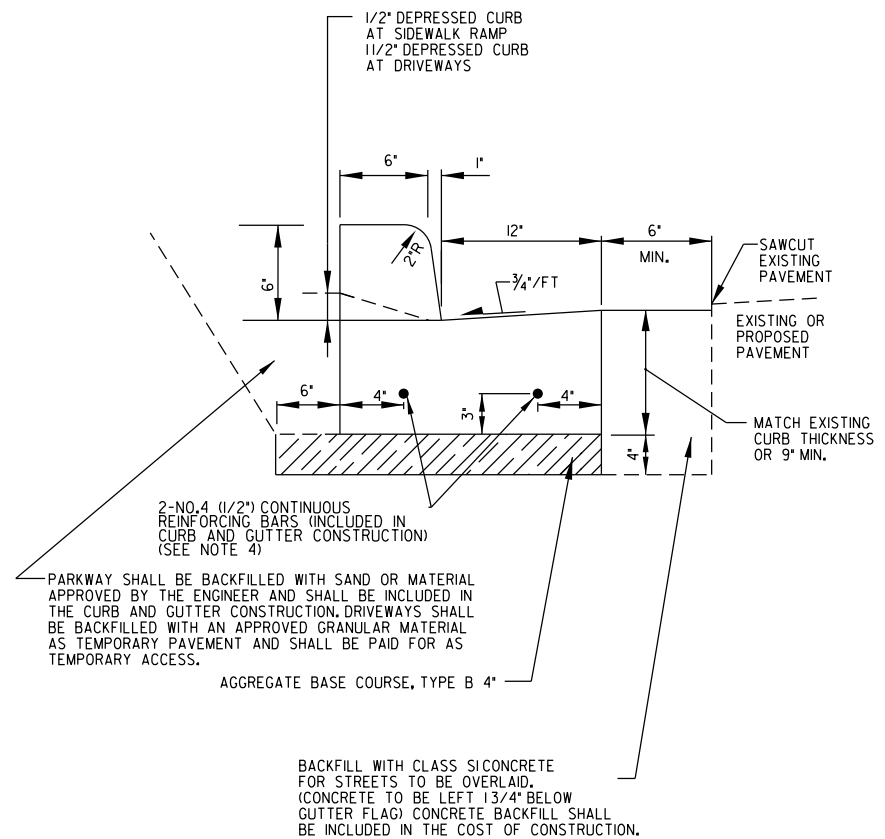
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2409	24-00059-00-R5	KANE	27	17
CONTRACT NO. 61M44				
ILLINOIS FED. AID PROJECT 11F(336)				



DRIVEWAY PAVEMENT DETAIL
NO SCALE

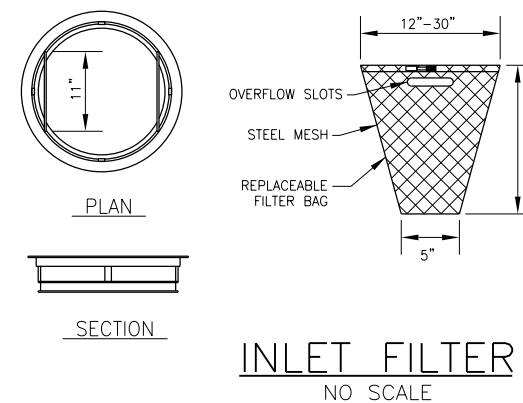


PORTLAND CEMENT CONCRETE SIDEWALK
NO SCALE



- NOTES:
1. PROVIDE A ONE-INCH EXPANSION JOINT EVERY 60 FEET AND AT ALL STRUCTURES.
 2. PROVIDE CONTRACTION JOINTS EVERY 15 FEET TO A DEPTH OF 2 INCHES AND AT ALL POINTS OF CURVATURE.
 3. STAMP CURB WITH 'S', 'W' AND 'ST' AT SANITARY, WATER AND STORM SERVICE LOCATIONS.
 4. CONTINUOUS REINFORCING BARS SHALL BE PROVIDED FOR ALL SECTIONS OF CURB AND GUTTER.

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
NO SCALE



- GENERAL NOTES:
- FRAME: TOP RING CONSTRUCTED FROM 1 1/4" x 1 1/4" x 1/8" ANGLE. BASE RING CONSTRUCTED OF 1 1/2" x 1/2" x 1/8" CHANNEL. HANDLES & SUSPENSION BRACKETS CONSTRUCTED FROM 1/4" x 1 1/4" FLAT. ALL STEEL CONFORMING TO ASTM-A36.
 - REPLACEABLE BAG: CONSTRUCTED FROM 4 OZ./SQ. YD. NON-WOVEN POLYPROPYLENE GEOTEXTILE REINFORCED WITH POLYESTER MESH. CONNECTED TO BASE RING WITH STAINLESS STEEL STRAP & LOCK.
 - STEEL MESH: REMOVABLE STAINLESS STEEL MESH STRAINER BASKET. 1/4" DIA. HOLE SIZE, 58% OPEN AREA.

INLET FILTER
NO SCALE

STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2025
 jtmiller
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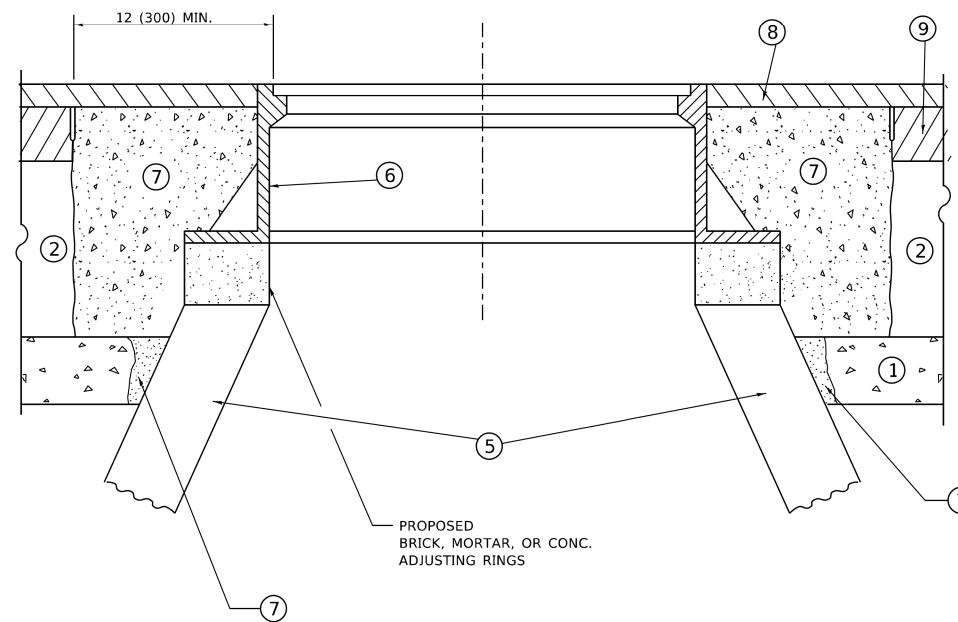
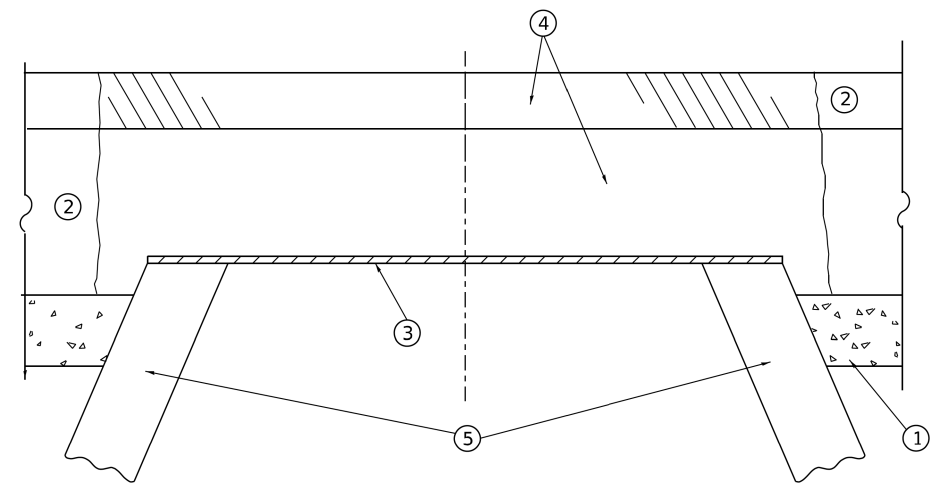
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	19
CONTRACT NO. 61M44				



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

NOTES

1. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
2. IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
4. THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.
5. THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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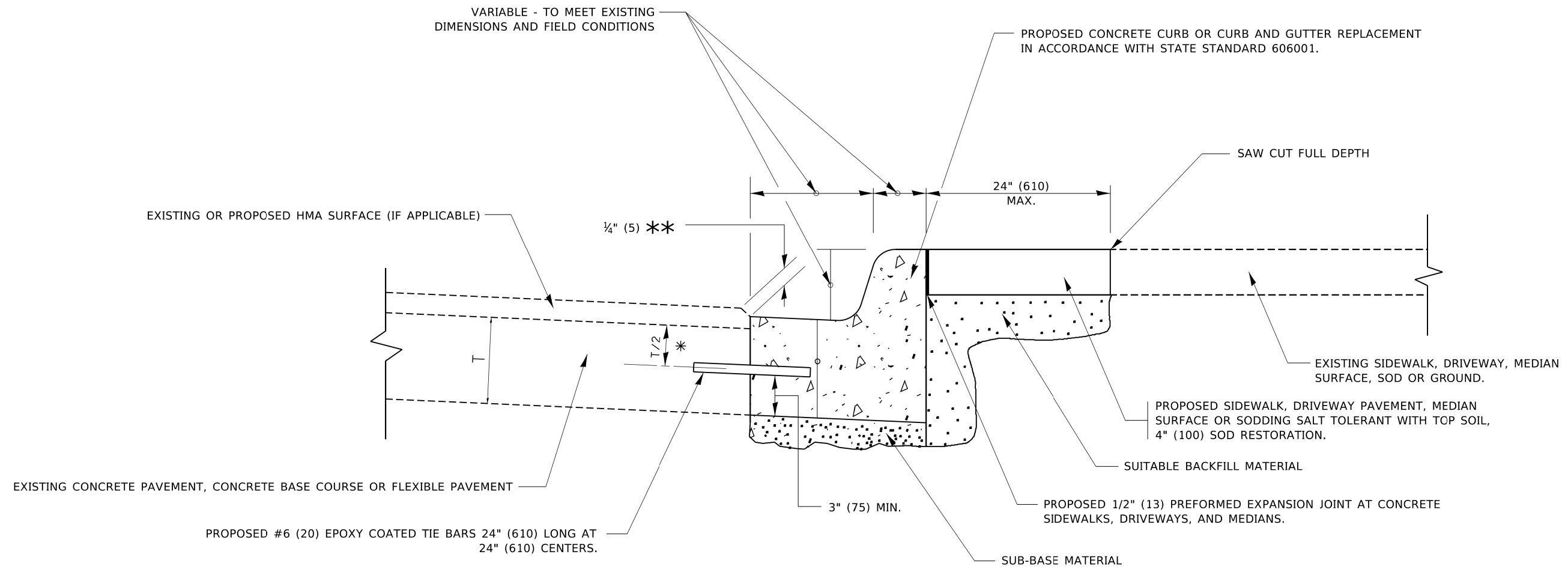
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	DRAWN -	REVISED - R. BORO 12-06-11
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	20
BD600-03 (BD-08)			CONTRACT NO. 61M44	
ILLINOIS FED. AID PROJECT 111F(336)				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

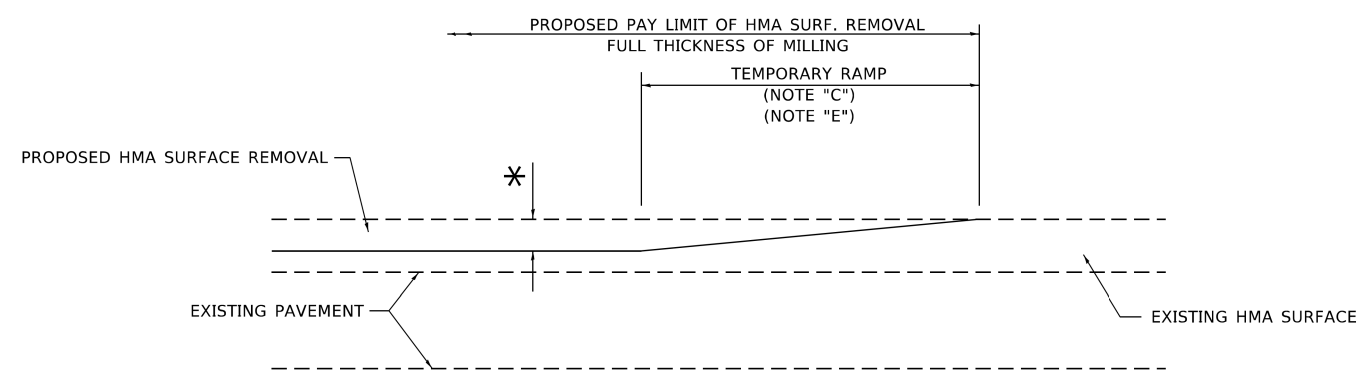
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

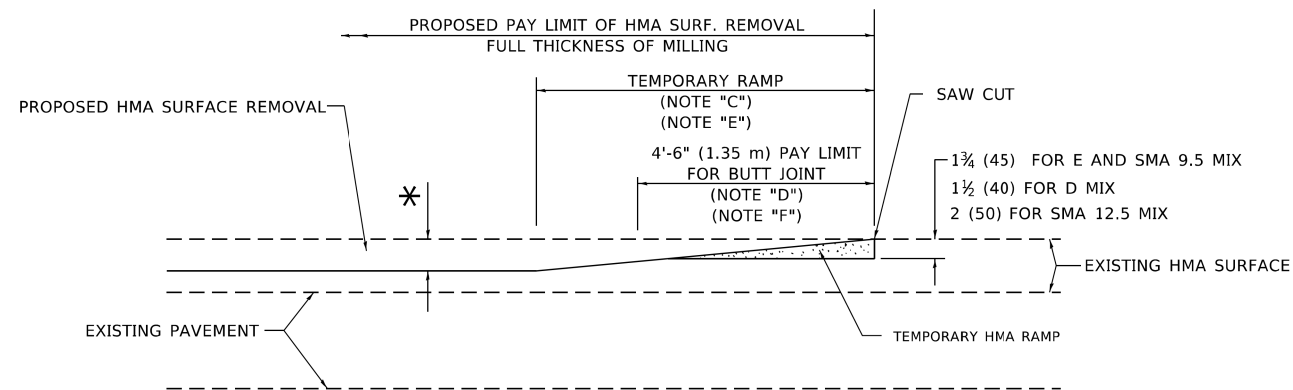
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	22
BD600-06 (BD-24)		CONTRACT NO. 61M44		
ILLINOIS FED. AID PROJECT 1J1F(336)				



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

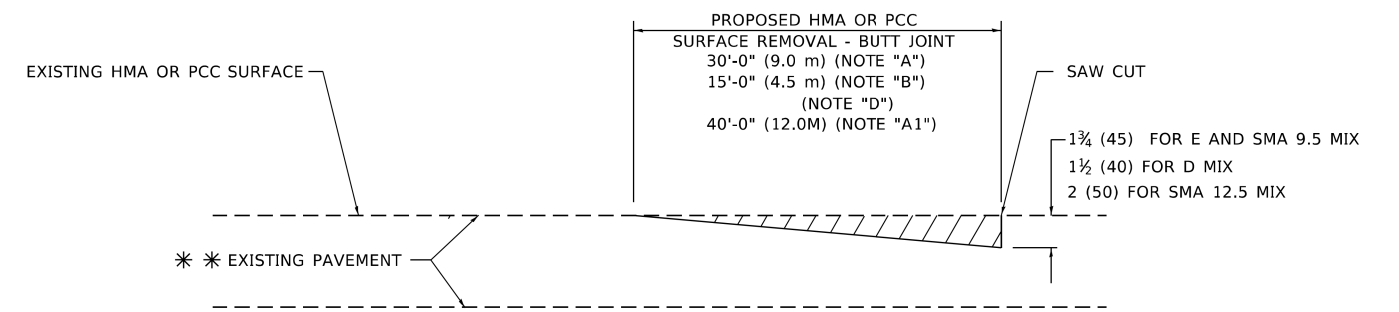
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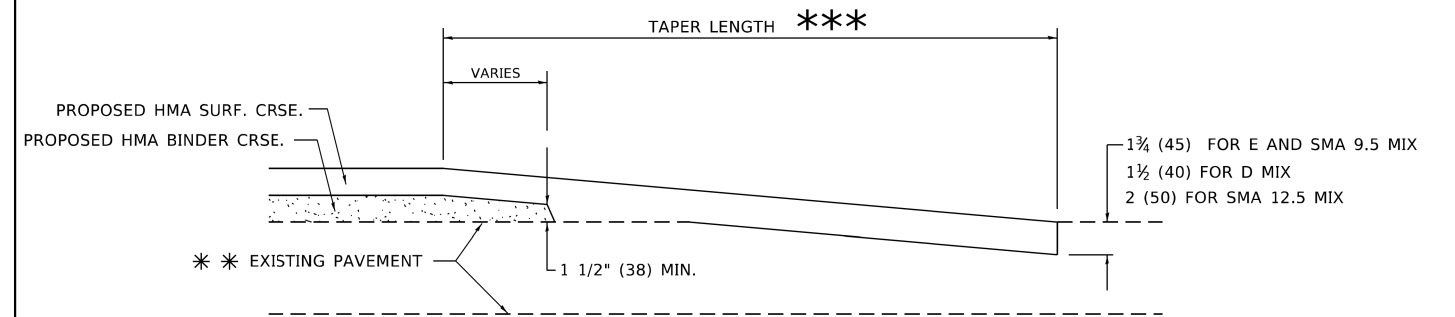
HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

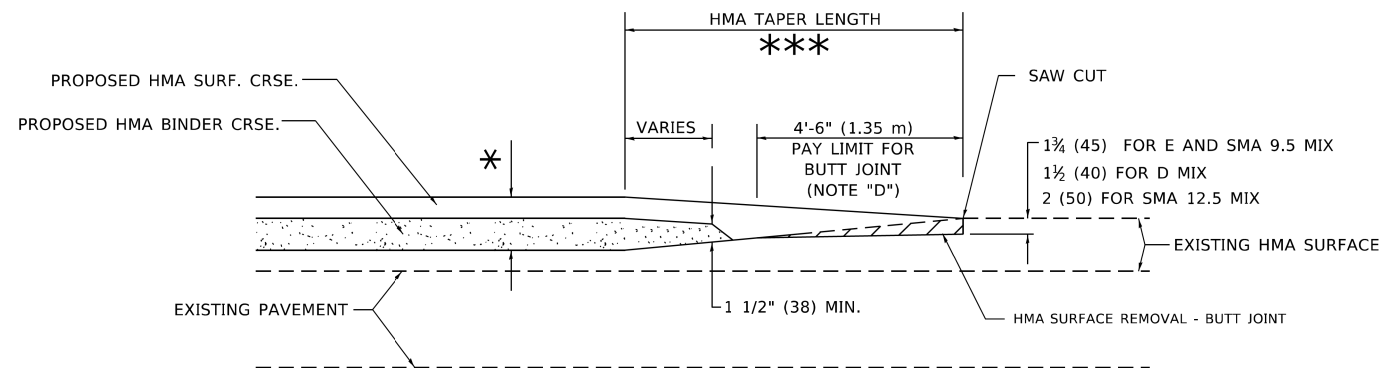
GENERAL NOTES

- 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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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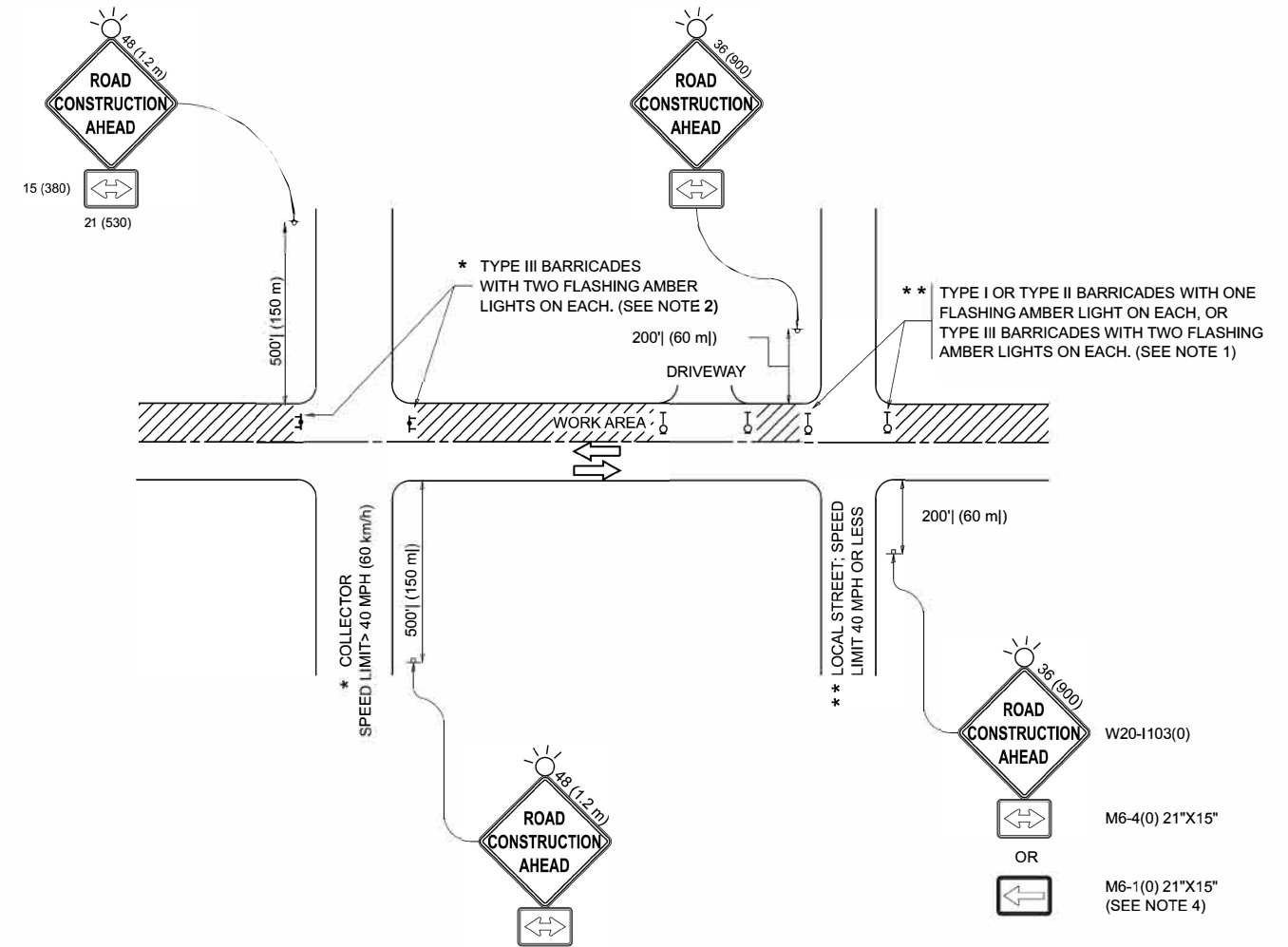
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PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	23
BD400-05 BD-32		CONTRACT NO. 61M44		
ILLINOIS FED. AID PROJECT 111F(336)				



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.

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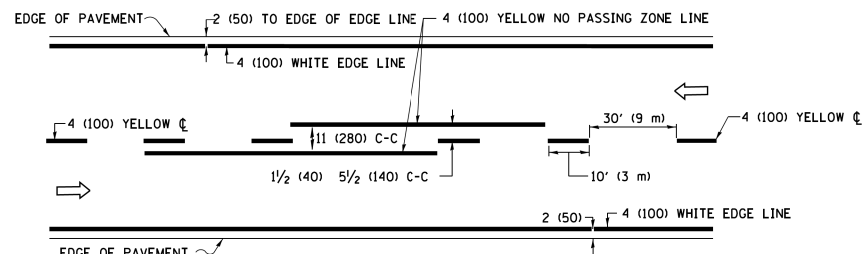
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PLOT DATE = 10/2/2025	DATE - 06-89	REVISED - A. SCHUETZE 09-15-06
		REVISED - D. SENDERAK 05-03-25

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

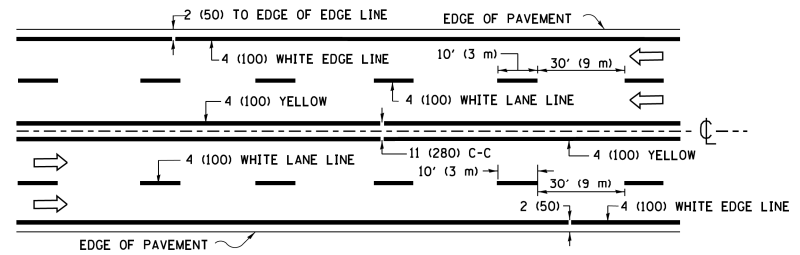
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: SHEET OF SHEETS STA. TO STA.

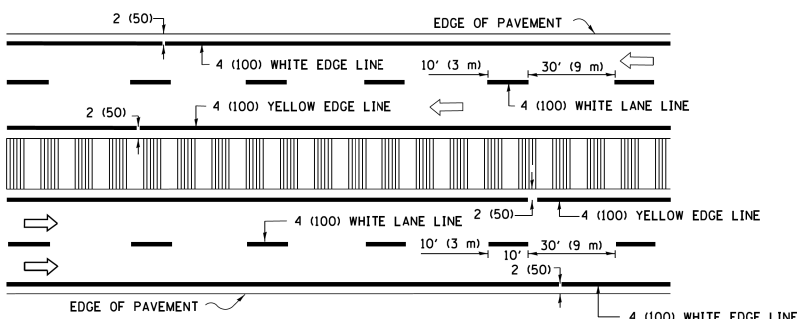
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2409	24-00059-00-R5	KANE	27	24
TC-10			CONTRACT NO. 61M44	
ILLINOIS FED. AID PROJECT IJ1F(336)				



2-LANE ROADWAY

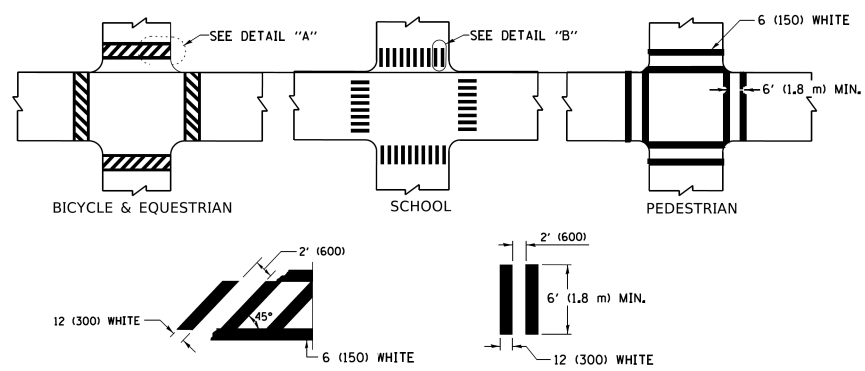


MULTI-LANE UNDIVIDED



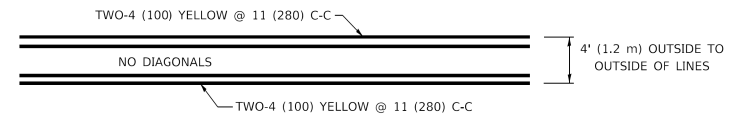
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

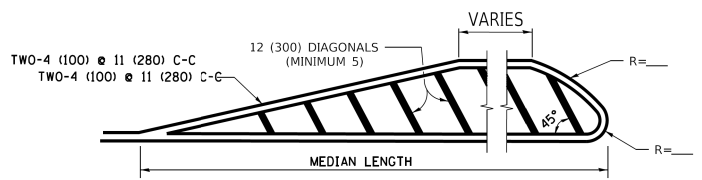


TYPICAL CROSSWALK MARKING

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

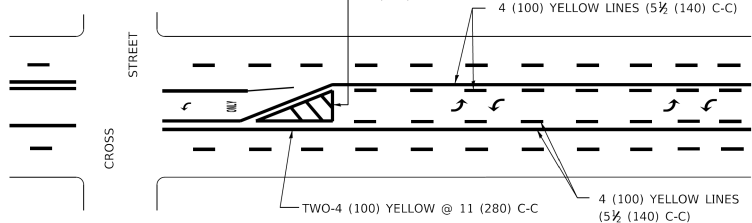


4' (1.2 m) WIDE MEDIANS ONLY



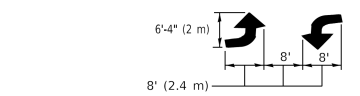
MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

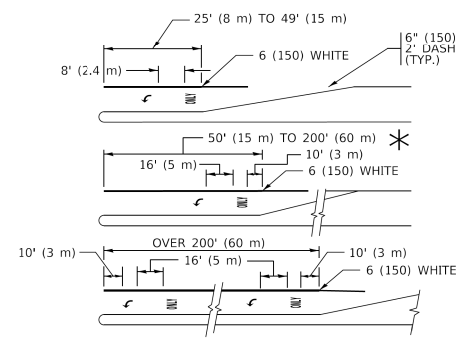


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

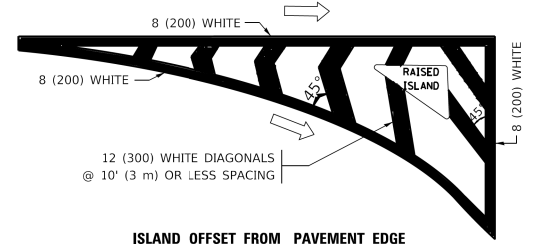


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

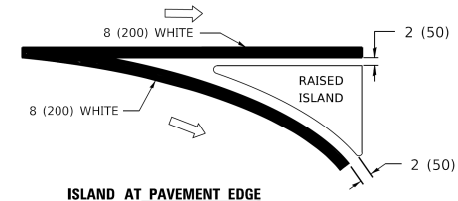


FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

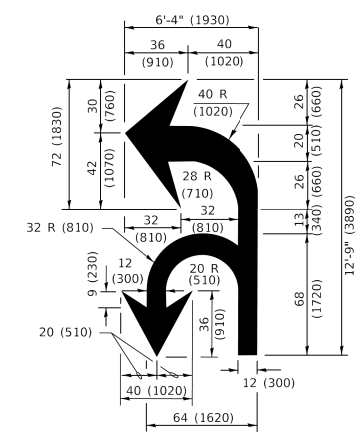
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



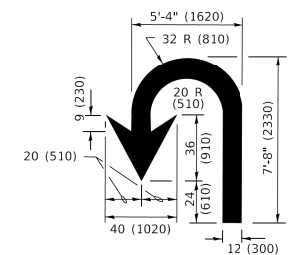
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE 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.

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	5 1/2 (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; 5 1/2 (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" 15' 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 ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 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.

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

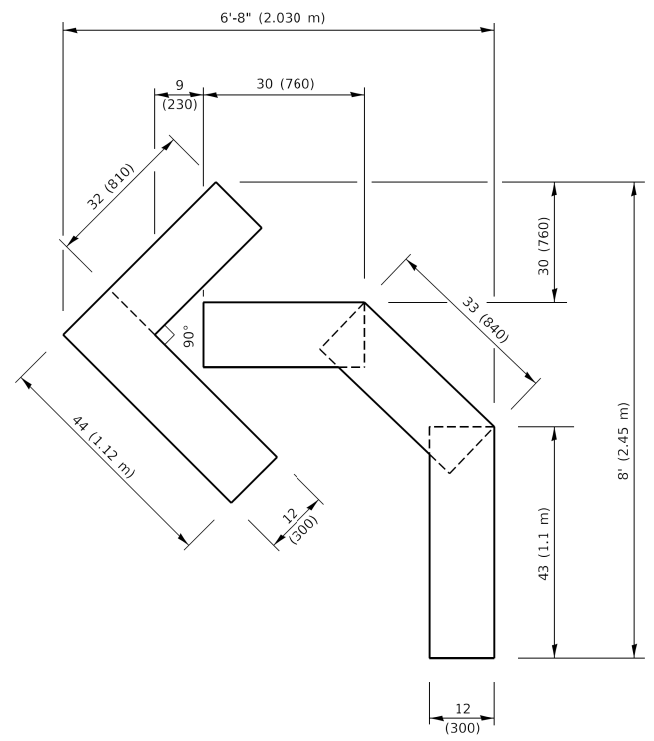
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USER NAME = [footem]	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

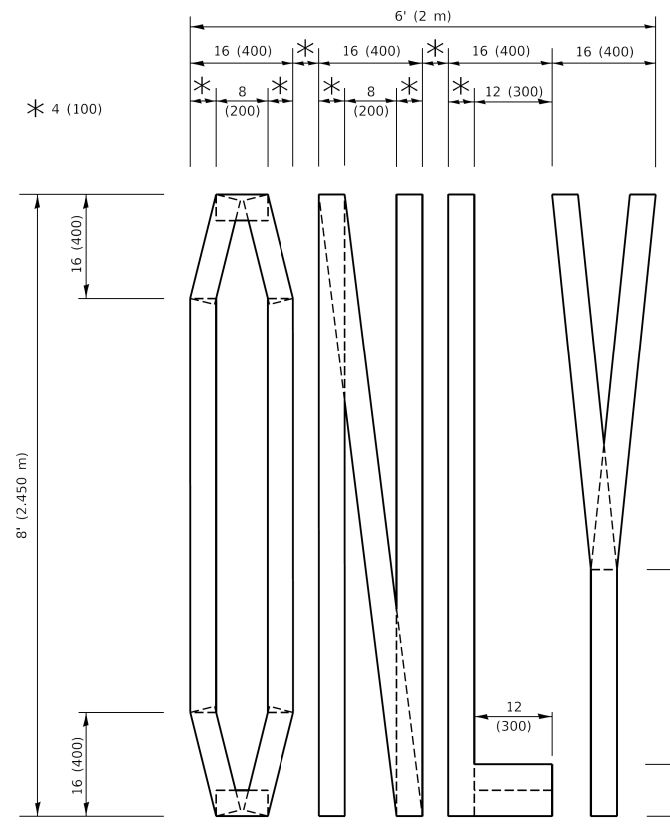
DISTRICT ONE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS		2409	24-00059-00-R5	KANE	27	25
SCALE: NONE		TC-13		CONTRACT NO. 61M44		
SHEET 1	OF 2 SHEETS	STA.	TO STA.			

ILLINOIS	FED. AID PROJECT	I1F(1336)
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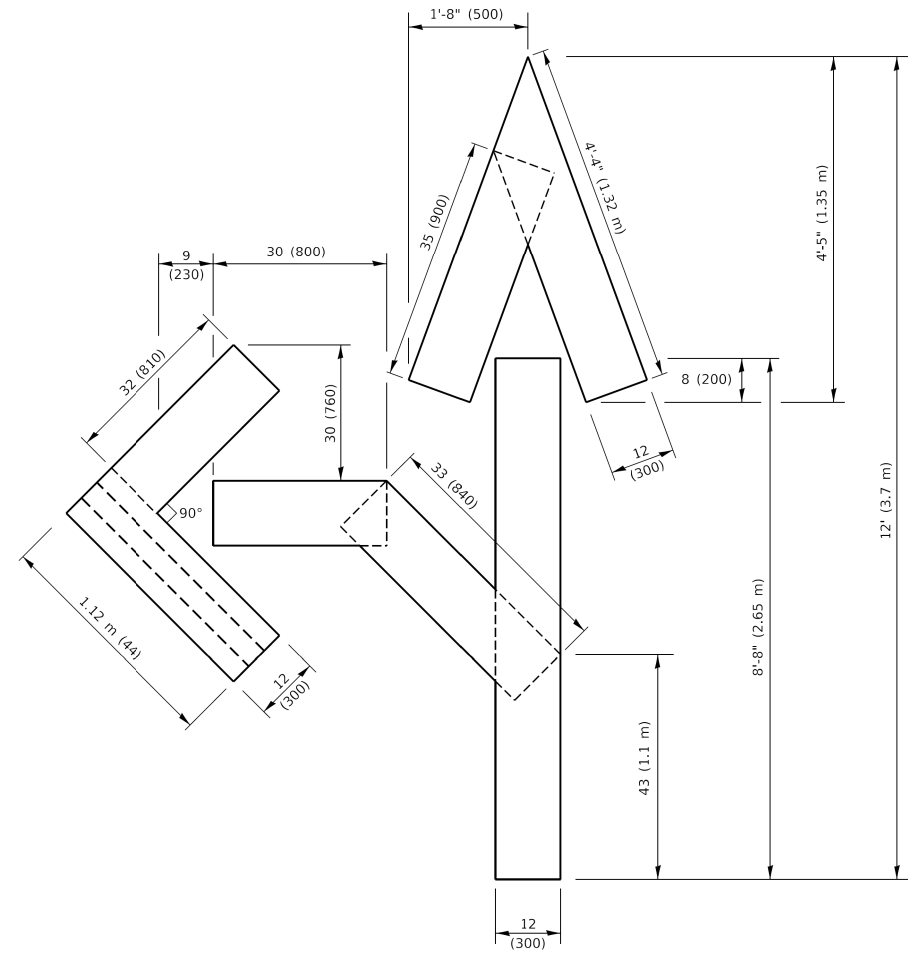
QUANTITY

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)

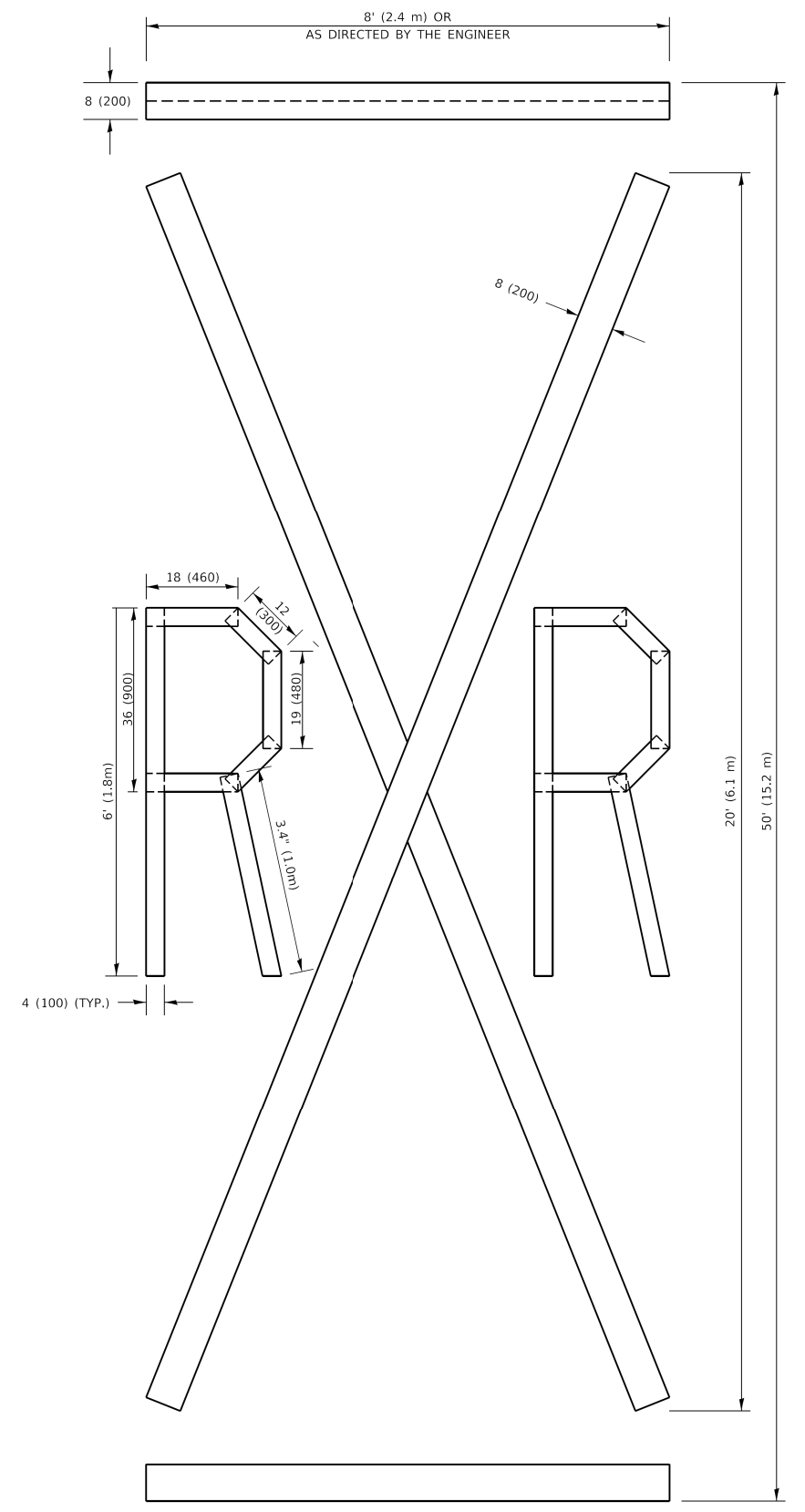


QUANTITY

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.

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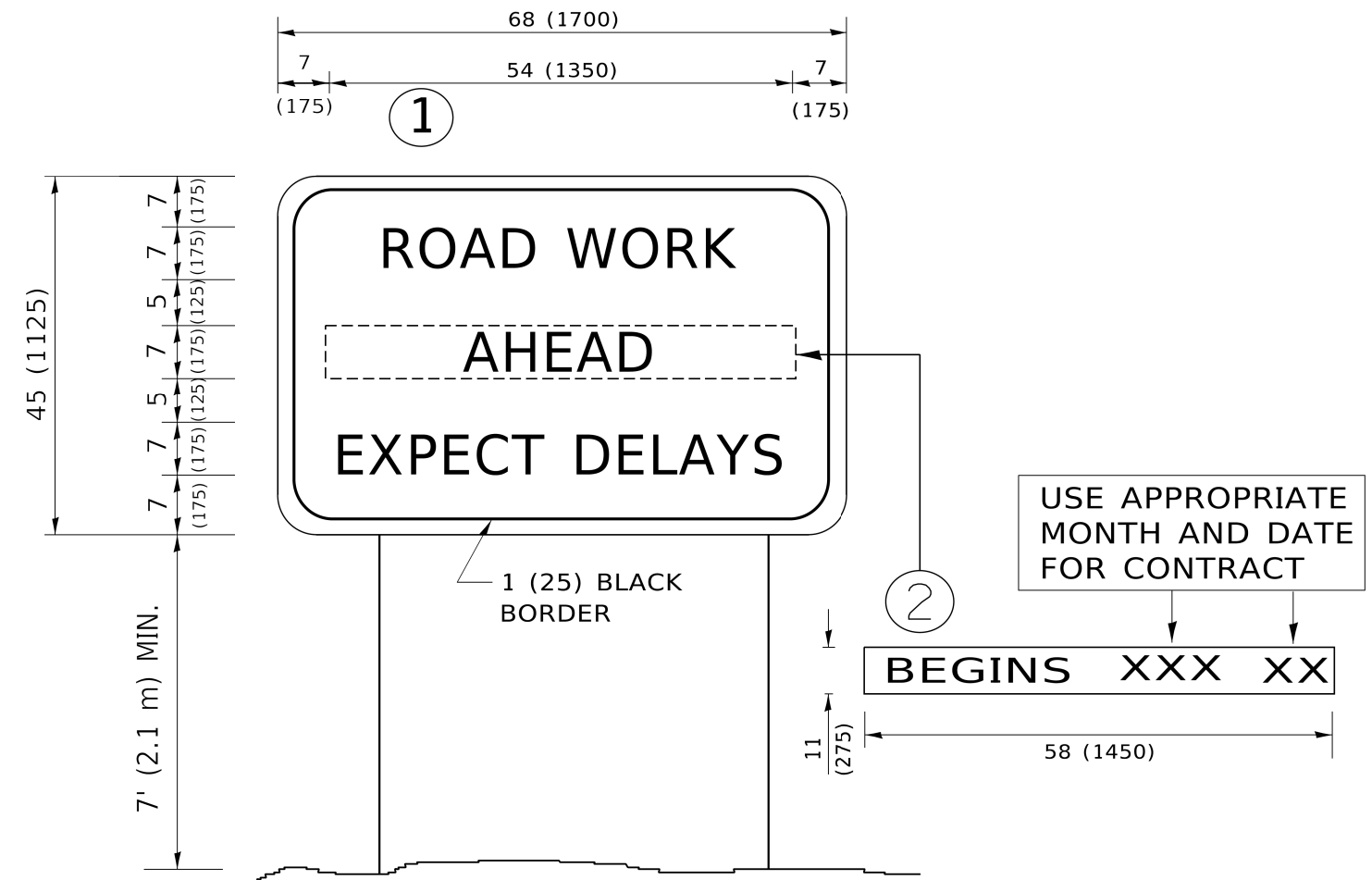
USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068" / ft.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	26
TC-16		CONTRACT NO. 61M44		
ILLINOIS FED. AID PROJECT 1J1F(336)				



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.

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USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000 " / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2409	24-00059-00-R5	KANE	27	27
TC-22			CONTRACT NO. 61M44	
ILLINOIS FED. AID PROJECT 1J1F(336)				