

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	1
		ILLINOIS	CONTRACT NO. 62W69	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED
IN THE CITY OF AURORA

PROPOSED HIGHWAY PLANS

FAU ROUTE 2503: IL-25 (AURORA AVENUE)
NORTH OF CLEAR WATER DRIVE TO HAZEL AVENUE
SECTION: 2024-950-RS
PROJECT: NHPP-STP-KUYP(061)
STANDARD OVERLAY
KANE COUNTY

TRAFFIC DATA

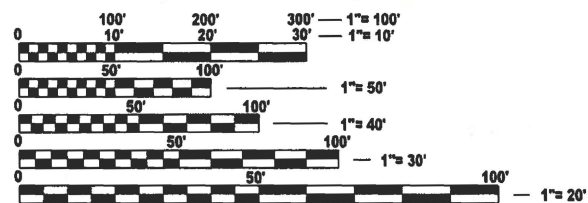
2023 ADT = 18900
POSTED SPEED = 25 MPH - 45 MPH

C-91-203-24

PROJECT ENDS
STA. 195+68

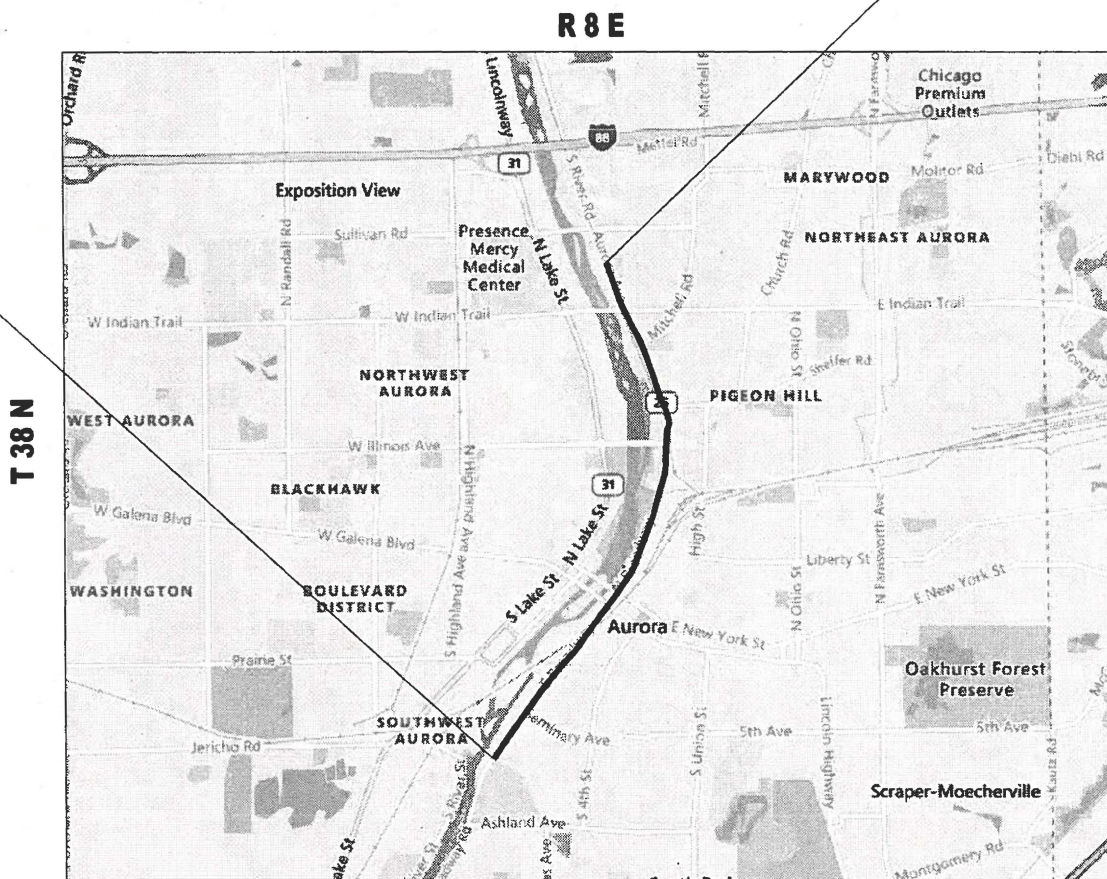
OMISSION
STA. 70+38 TO STA. 85+00
STA. 117+57 TO STA. 118+02

PROJECT BEGINS
STA. 17+50

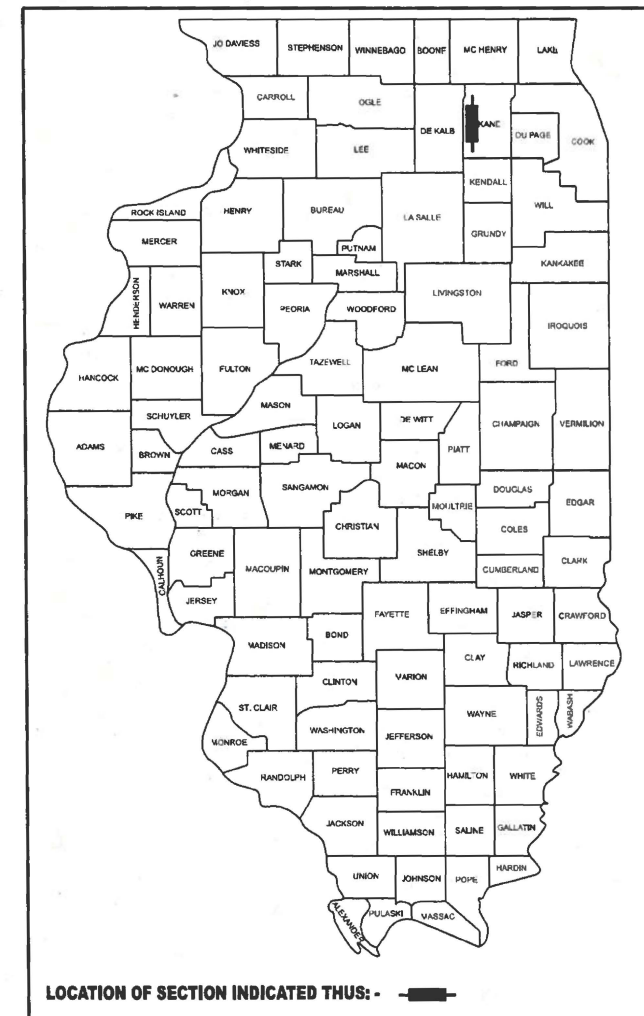


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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



AURORA TOWNSHIP
GROSS LENGTH = 17,818 FT. = 3.37 MILE
NET LENGTH = 16,311 FT. = 3.09 MILE



LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 6, 2024

[Signature] REGIONAL ENGINEER

January 31, 2025

[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

January 31, 2025

[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PROJECT ENGINEER: RODRIGO LEDEZMA (847) 705-4580
PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

CONTRACT NO. 62W69

INDEX OF SHEETS

STATE STANDARDS

SHEET NO.

DESCRIPTION

STANDARD NO.

DESCRIPTION

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15	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
16	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
17	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
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19	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
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23	ARTERIAL ROAD INFORMATION SIGN (TC-22)
24	DISTRICT ONE DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)
25	PROJECT DETAIL FOR DOUBLE PERPENDICULAR RAMPS (PD-03)
26	PROJECT DETAIL FOR SINGLE PERPENDICULAR RAMPS WITH TURNING SPACE (PD-04)

000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
442201-03	CLASS C AND D PATCHES
604001-05	FRAMES AND LIDS, TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701001-02	OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS 2L, 2W, 15' TO 2' FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 2' FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS ≤ 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON-TRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS

11. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
12. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FILED BY THE ENGINEER.
13. ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATION SHALL BE CORECTED AT NO COST TO THE DEPARTMENT.
14. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
15. THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
16. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
17. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKING ON FINAL SURFACES.
18. THE (ROAD CONSTRUCTION AHEAD) SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARD REMAIN WITHIN THE WORKZONE.
19. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD UNLESS OTHERWISE SHOWN.
20. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
21. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERNTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2" INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH. WITH WRITTEN APPROVAL OF THE ENGINEER A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPE A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.
22. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
23. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 108.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPERATE PAY ITEM HAS BEEN PROVIDED.

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF AURORA.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
5. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
6. THE RESIDENT ENGINEER SHALL CONTACT EMAD ALHUSSEINI AREA TRAFFIC FIELD TECHNICIAN, AT EMAD.ALHUSSEINI@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
7. ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
8. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
9. THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM AND FOUNDATIONS AND VERIFYING THE MAST ARM LENGHTS.

GENERAL NOTES CONTINUE ON NEXT SHEET

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		DRAWN -	REVISED -							
		CHECKED -	REVISED -							
	PLOT DATE = 12/12/2024	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
										ILLINOIS FED. AID PROJECT

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	DRAINAGE			
				80% FED 20% STATE (NHPP)	80% FED 20% STATE (STP)	100% STATE			
Code No.	Item	Unit	Total Quantity	0005	0005	0044			
20200100	EARTH EXCAVATION	CU YD	50	25	25				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	500	250	250				
25200110	SODDING, SALT TOLERANT	SQ YD	500	250	250				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	52494	26247	26247				
40600370	LONGITUDINAL JOINT SEALANT	FOOT	20800	10400	10400				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	120	60	60				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	680	340	340				
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	3210	1605	1605				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	6536	3268	3268				
42001300	PROTECTIVE COAT	SQ YD	786	393	393				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5180	2590	2590				
42400800	DETECTABLE WARNINGS	SQ FT	462	231	231				
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	77766	38883	38883				
44000600	SIDEWALK REMOVAL	SQ FT	5180	2590	2590				
44201798	CLASS D PATCHES, TYPE I, 13 INCH	SQ YD	170	85	85				
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	1560	780	780				
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	950	475	475				
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	1352	676	676				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	166	83	83				
56109210	WATER VALVES TO BE ADJUSTED	EACH	50	25	25				
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	160	80	80				

SUMMARY OF QUANTITIES				TYPE CODE					
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
				ROADWAY	ROADWAY	DRAINAGE			
				80% FED 20% STATE (NHPP)	80% FED 20% STATE (STP)	100% STATE			
Code No.	Item	Unit	Total Quantity	0005	0005	0044			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	35	17.5	17.5				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	4	2	2				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	0.5	0.5				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.5	0.5				
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	12	6	6				
67100100	MOBILIZATION	L SUM	1	0.5	0.5				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.5	0.5				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5	0.5				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0.5	0.5				
70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	0.5	0.5				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5	0.5				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.5	0.5				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	110880	55440	55440				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	46200	23100	23100				
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	4380	2190	2190				
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	132000	66000	66000				
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	22200	11100	11100				
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	1500	750	750				
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	9000	4500	4500				
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	3900	1950	1950				

* = SPECIALTY ITEM Δ = NON-PARTICIPATING ITEM

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/13/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE			
SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	3
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				

Code No.	Item	Unit	Total Quantity	TYPE CODE						
				URBAN ROADWAY	URBAN ROADWAY	URBAN DRAINAGE	URBAN	URBAN		
				80% FED 20% STATE (NHPP)	80% FED 20% STATE (STP)	100% STATE				
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	27720	13860	13860					
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1480	730	730					
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	44000	22000	22000					
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	7400	3700	3700					
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	500	250	250					
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3000	1500	1500					
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1300	650	650					
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1250	625	625					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1220	610	610					
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	25760	12880	12880					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	0.5	0.5					
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	40	20	20					
X4400223	CURB REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	3360	1680	1680					
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	2088	1044	1044					
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	5548	2774	2774					
X5637800	STORM SEWERS TO BE CLEANED 12"	FOOT	3000		3000					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	128	63	63					
X6700407	ENGINEERS FIELD OFFICE, TYPEA (P 1)	CAL MO	12	6	6					
X880105	DETECTOR LOOP REPLACEMENT	FOOT	100	50	50					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	160		160					
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51.4	25.7	25.7					

Code No.	Item	Unit	Total Quantity	TYPE CODE						
				URBAN ROADWAY	URBAN ROADWAY	URBAN DRAINAGE	URBAN	URBAN		
				80% FED 20% STATE (NHPP)	80% FED 20% STATE (STP)	100% STATE				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	0.5	0.5					
Z0078600	TRAINEES	HOUR	500	500						
Z0078604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500						

USER NAME = FTR:Guillaume
 DESIGNED -
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 DATE -
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 DATE -

PLOT DATE = 12/13/2024

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

SUMMARY OF QUANTITIES
 IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE

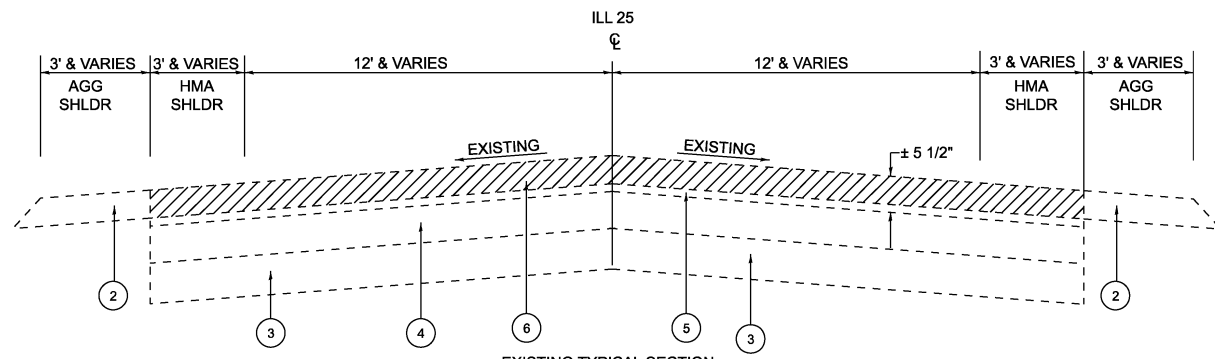
TOTAL SHEET NO. 4
 SHEET NO. 26

SECTION 2024-980-RS
 COUNTY KANE
 CONTRACT NO. 62W/69
 ILLINOIS FED. AID PROJECT

* = SPECIALTY ITEM Δ = NON-PARTICIPATING ITEM

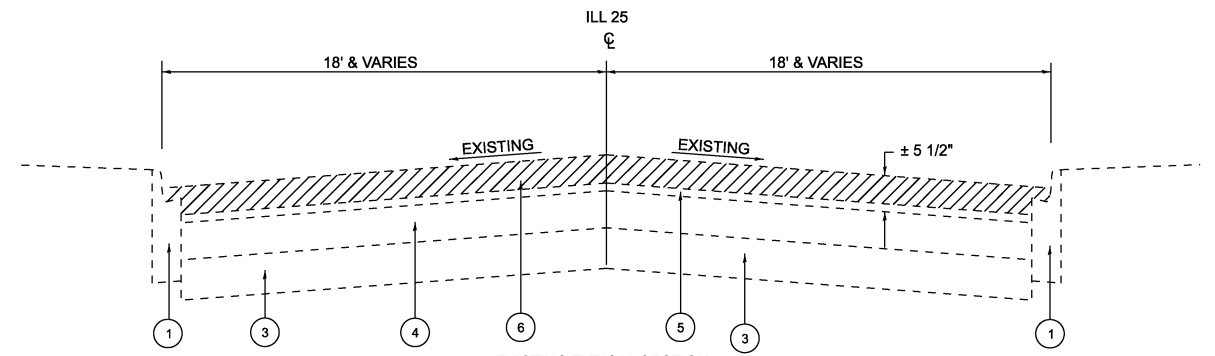
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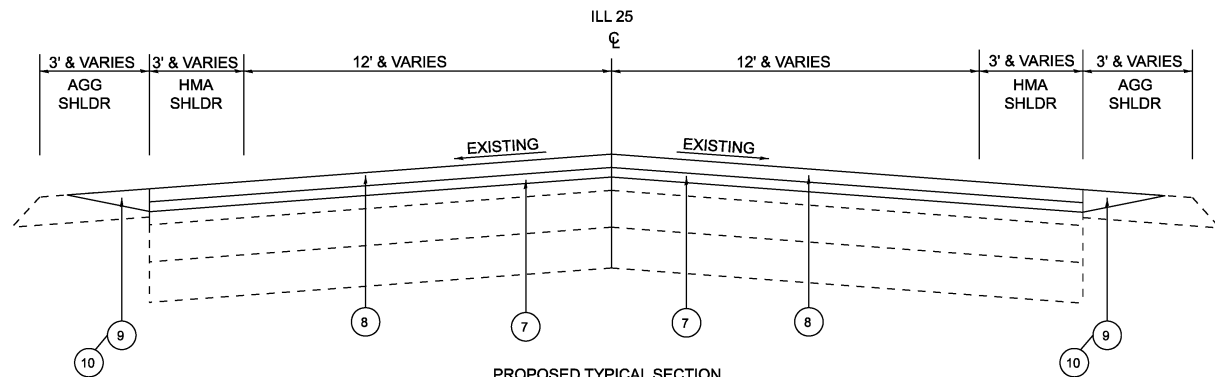
EXISTING TYPICAL SECTION

STA. 17+45 TO STA. 20+00
 STA. 167+00 TO STA. 174+00
 STA. 180+00 TO STA. 195+68



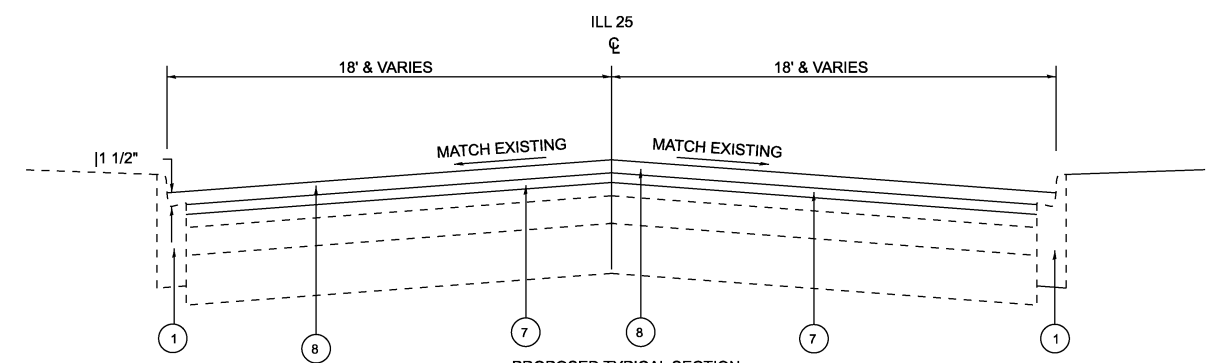
EXISTING TYPICAL SECTION

STA. 20+00 TO STA. 70+38
 STA. 85+00 TO STA. 117+57
 STA. 118+02 TO STA. 141+00
 STA. 174+00 TO STA. 180+00



PROPOSED TYPICAL SECTION

STA. 17+45 TO STA. 20+00
 STA. 167+00 TO STA. 174+00
 STA. 180+00 TO STA. 195+68



PROPOSED TYPICAL SECTION

STA. 20+00 TO STA. 70+38
 STA. 85+00 TO STA. 117+57
 STA. 118+02 TO STA. 141+00
 STA. 174+00 TO STA. 180+00

LEGEND

1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING AGGREGATE SHOULDER
3. EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4 1/2"
4. EXISTING P.C. CONCRETE BASE COURSE, ± 9"
5. EXISTING HMA SURFACE COURSE, ± 5 1/2"
6. PROPOSED HMA SURFACE REMOVAL, 2 1/4"
7. PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
8. PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"
9. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B (WHERE NECESSARY)
10. PROPOSED GRADING AND SHAPING SHOULDERS (WHERE NECESSARY)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
PAVEMENT & SHOULDER RESURFACING		
HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 1/2"	4% @ 70 GYR.	QCP
POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0 mm)	4% @ 70 GYR.	QC/QA
QMP Designation: Pay for Performance (PFP); Quality Control / Quality Assurance (QC / QA); Quality Control for Performance (QCP)		

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 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.

NOTE

1. THE CONTRACTOR SHALL MILL FIRST THEN PATCH
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLYMERIZED HMA BINDER IL-4.75, N50

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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/22/2024	DATE -	REVISED -

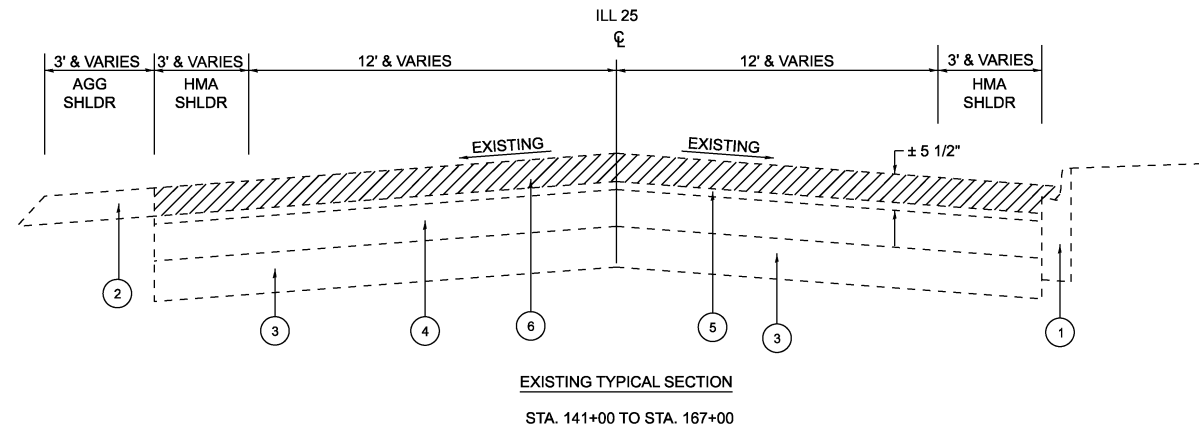
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS			
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE			
SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

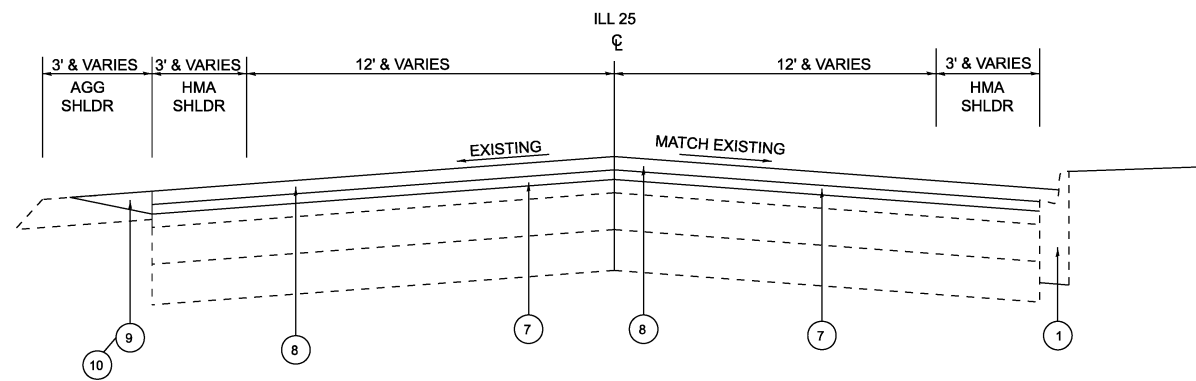
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	5
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				

LEGEND

1. EXISTING COMBINATION CONCRETE CURB AND GUTTER
2. EXISTING AGGREGATE SHOULDER
3. EXISTING SUB-BASE GRANULAR MATERIAL, TYPE B, 4 1/2"
4. EXISTING P.C. CONCRETE BASE COURSE, ± 9"
5. EXISTING HMA SURFACE COURSE, ± 5 1/2"
6. PROPOSED HMA SURFACE REMOVAL, 2 1/4"
7. PROPOSED POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
8. PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 1/2"
9. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B (WHERE NECESSARY)
10. PROPOSED GRADING AND SHAPING SHOULDERS (WHERE NECESSARY)



EXISTING TYPICAL SECTION
STA. 141+00 TO STA. 167+00



PROPOSED TYPICAL SECTION
STA. 141+00 TO STA. 167+00

MODEL: Typical Section-1 (Sheet)
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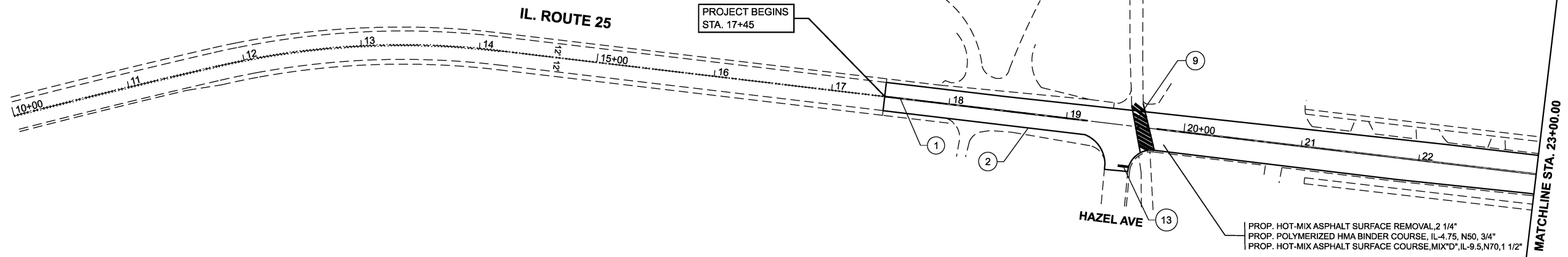
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	DRAWN -	REVISED -
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PLOT DATE = 11/2/2024	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

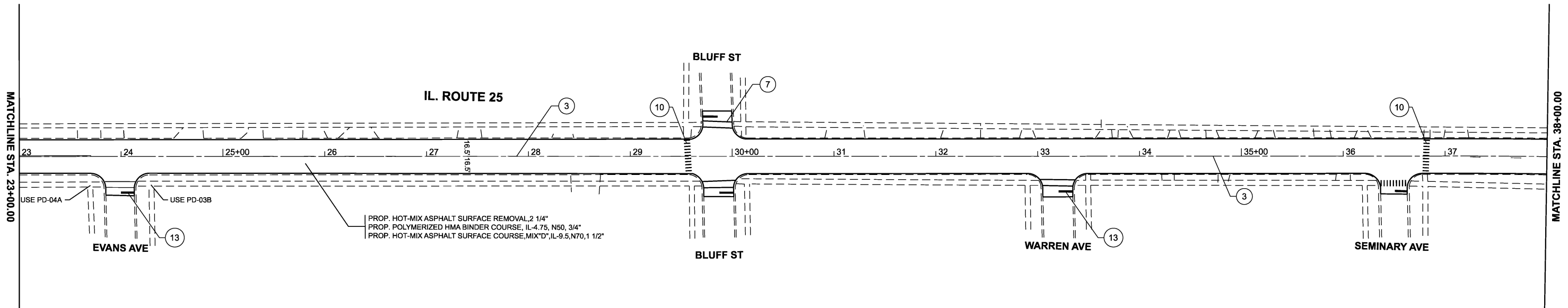
**TYPICAL SECTIONS
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	6
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				



- | | | |
|--|--|--|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.) | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING 12", SHOULDER DIAGONAL, 20' C-C, WHITE (TYP.) |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE LINE WHITE (TYP.) | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.) | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING 12", MEDIAN DIAGONAL @ 45 75' C-C YELLOW (TYP.) |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.) | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE WHITE (TYP.) | ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.) |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 12", BICYCLE (EQUESTRIAN) DIAGONALS @ 45' 2' APART WHITE (TYP.) | ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) |
| ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING 12", SOLID WHITE SCHOOL CROSSWALK (TYP.) | |



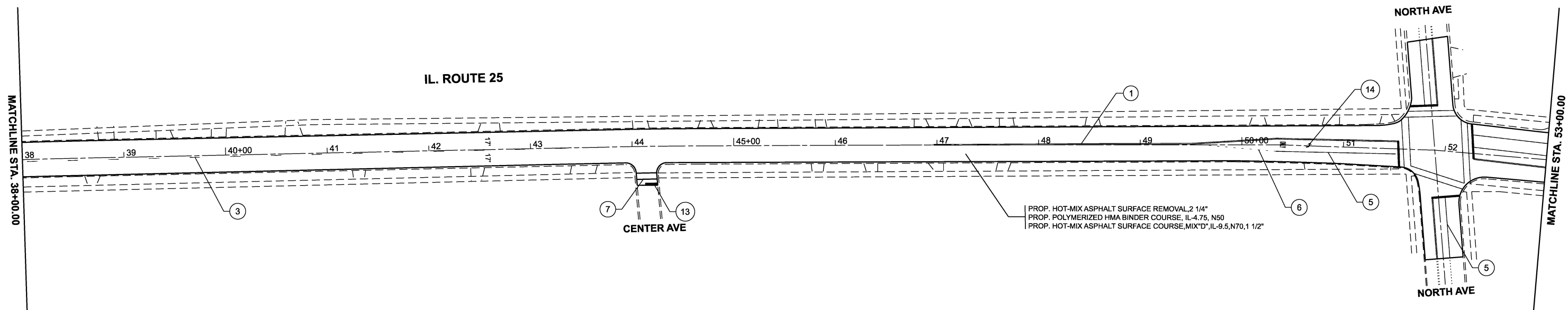
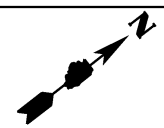
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USER NAME = Fritz.Guillaume	DESIGNED -	REVISED -
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PLOT DATE = 11/13/2024	DATE -	REVISED -

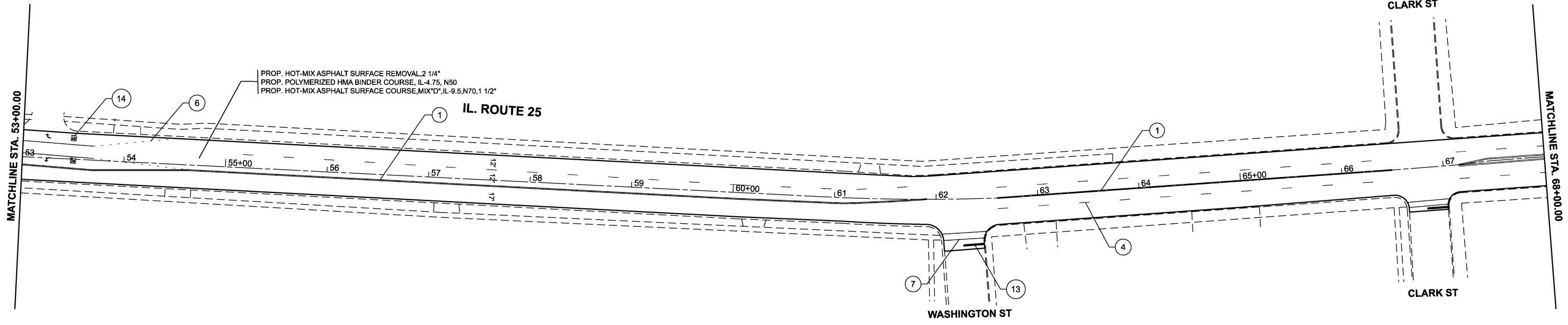
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN SHEET	
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE	
SCALE: 1"=50'	SHEET OF 7 SHEETS STA. 8+00.00 TO STA. 38+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	7
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				



- | | | |
|--|---|---|
| <p>① PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)</p> <p>② PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE LINE WHITE (TYP.)</p> <p>③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p> <p>④ PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.)</p> <p>⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)</p> | <p>⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.)</p> <p>⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)</p> <p>⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE WHITE (TYP.)</p> <p>⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 12", BICYCLE (EQUESTRIAN) DIAGONALS @ 45' 2" APART WHITE (TYP.)</p> <p>⑩ PROP. THERMOPLASTIC PAVEMENT MARKING 12", SOLID WHITE SCHOOL CROSSWALK (TYP.)</p> | <p>⑪ PROP. THERMOPLASTIC PAVEMENT MARKING 12", SHOULDER DIAGONAL, 20' C-C, WHITE (TYP.)</p> <p>⑫ PROP. THERMOPLASTIC PAVEMENT MARKING 12", MEDIAN DIAGONAL @ 45' 75" C-C YELLOW (TYP.)</p> <p>⑬ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)</p> <p>⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)</p> |
|--|---|---|



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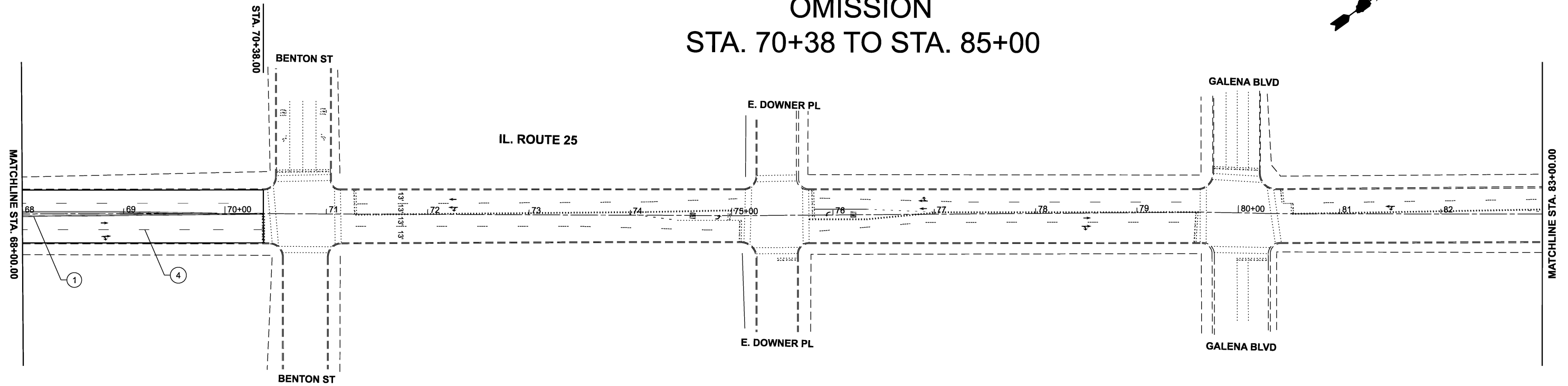
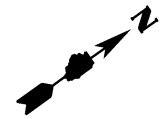
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/20/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

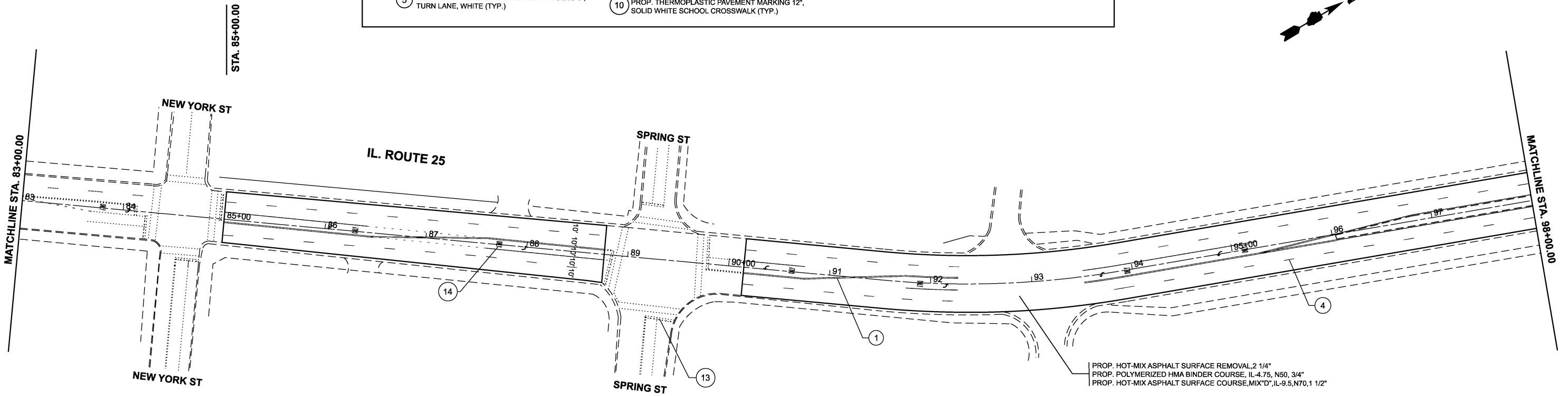
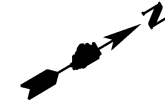
ROADWAY PLAN SHEET	
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE	
SCALE: 1"=50'	SHEET OF 7 SHEETS
STA. 38+00.00	TO STA. 68+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	8
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				

OMISSION STA. 70+38 TO STA. 85+00



- | | | |
|--|---|---|
| <p>① PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)</p> <p>② PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE LINE WHITE (TYP.)</p> <p>③ PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p> <p>④ PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.)</p> <p>⑤ PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.)</p> | <p>⑥ PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.)</p> <p>⑦ PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.)</p> <p>⑧ PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE WHITE (TYP.)</p> <p>⑨ PROP. THERMOPLASTIC PAVEMENT MARKING 12", BICYCLE (EQUESTRIAN) DIAGONALS @ 45' 2' APART WHITE (TYP.)</p> <p>⑩ PROP. THERMOPLASTIC PAVEMENT MARKING 12", SOLID WHITE SCHOOL CROSSWALK (TYP.)</p> | <p>⑪ PROP. THERMOPLASTIC PAVEMENT MARKING 12", SHOULDER DIAGONAL, 20' C-C, WHITE (TYP.)</p> <p>⑫ PROP. THERMOPLASTIC PAVEMENT MARKING 12", MEDIAN DIAGONAL @ 45' 75" C-C YELLOW (TYP.)</p> <p>⑬ PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.)</p> <p>⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)</p> |
|--|---|---|



PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
 PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX"D", IL-9.5, N70, 1 1/2"

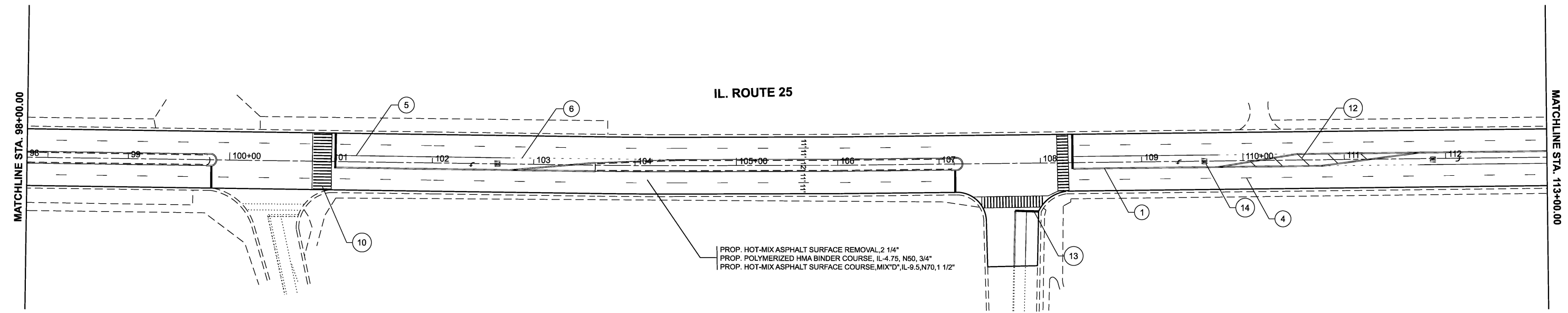
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USER NAME = Fritz.Guillaume	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/22/2024	DATE -	REVISED -

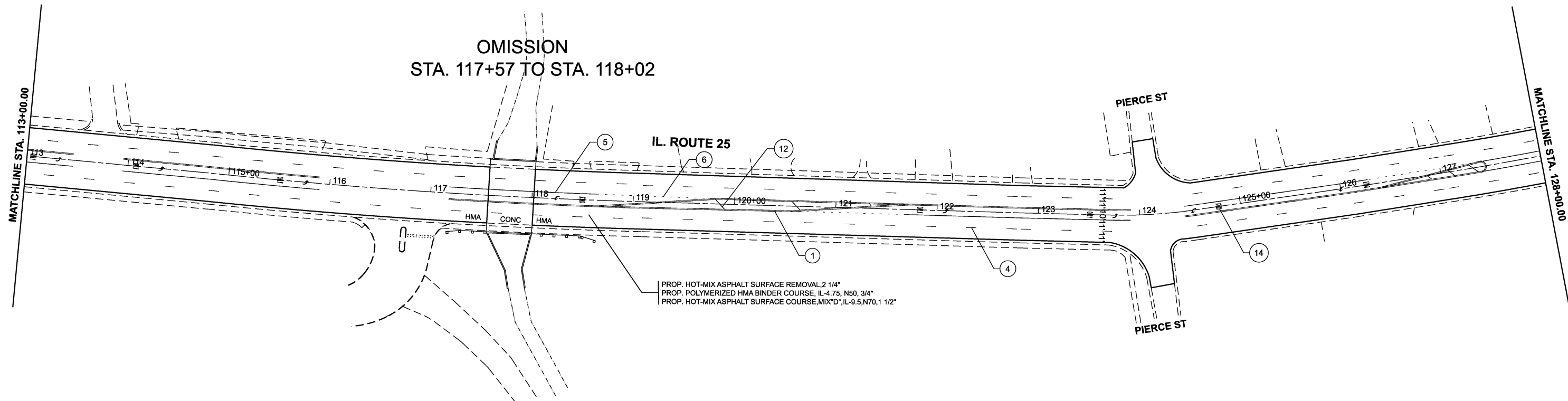
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN SHEET	
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE	
SCALE: 1"=50'	SHEET OF 7 SHEETS
STA. 68+00.00	TO STA. 98+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	9
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				



- | | | |
|--|--|---|
| 1 PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.) | 6 PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | 11 PROP. THERMOPLASTIC PAVEMENT MARKING 12", SHOULDER DIAGONAL, 20' C-C, WHITE (TYP.) |
| 2 PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE LINE WHITE (TYP.) | 7 PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.) | 12 PROP. THERMOPLASTIC PAVEMENT MARKING 12", MEDIAN DIAGONAL @ 45 75' C-C YELLOW (TYP.) |
| 3 PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.) | 8 PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE WHITE (TYP.) | 13 PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.) |
| 4 PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) | 9 PROP. THERMOPLASTIC PAVEMENT MARKING 12", BICYCLE (EQUESTRIAN) DIAGONALS @ 45' 2' APART WHITE (TYP.) | 14 PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) |
| 5 PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.) | 10 PROP. THERMOPLASTIC PAVEMENT MARKING 12", SOLID WHITE SCHOOL CROSSWALK (TYP.) | |



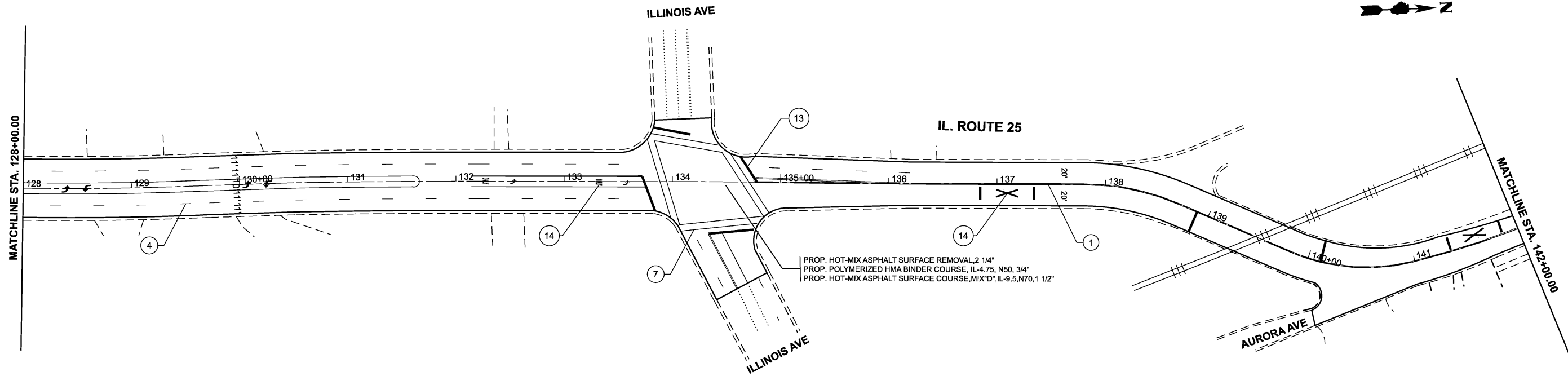
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USER NAME = Fritz.Guillaume	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 11/22/2024	DATE -	REVISED -

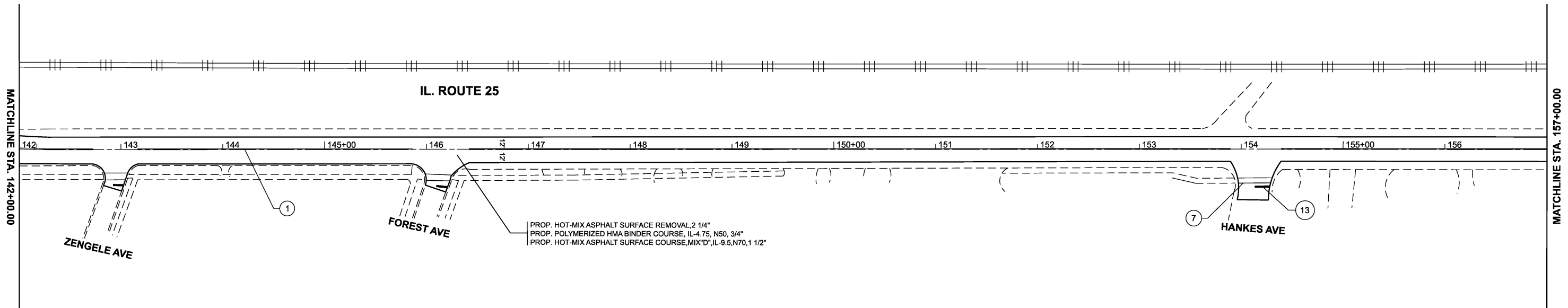
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN SHEET			
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE			
SCALE: 1"=50'	SHEET	OF 7 SHEETS	STA. 98+00.00 TO STA. 128+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	10
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				



- | | | |
|--|--|---|
| 1 PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.) | 6 PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | 11 PROP. THERMOPLASTIC PAVEMENT MARKING 12", SHOULDER DIAGONAL, 20' C-C, WHITE (TYP.) |
| 2 PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE LINE WHITE (TYP.) | 7 PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.) | 12 PROP. THERMOPLASTIC PAVEMENT MARKING 12", MEDIAN DIAGONAL @ 45 75' C-C YELLOW (TYP.) |
| 3 PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.) | 8 PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE WHITE (TYP.) | 13 PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.) |
| 4 PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) | 9 PROP. THERMOPLASTIC PAVEMENT MARKING 12", BICYCLE (EQUESTRIAN) DIAGONALS @ 45' 2' APART WHITE (TYP.) | 14 PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) |
| 5 PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.) | 10 PROP. THERMOPLASTIC PAVEMENT MARKING 12", SOLID WHITE SCHOOL CROSSWALK (TYP.) | |



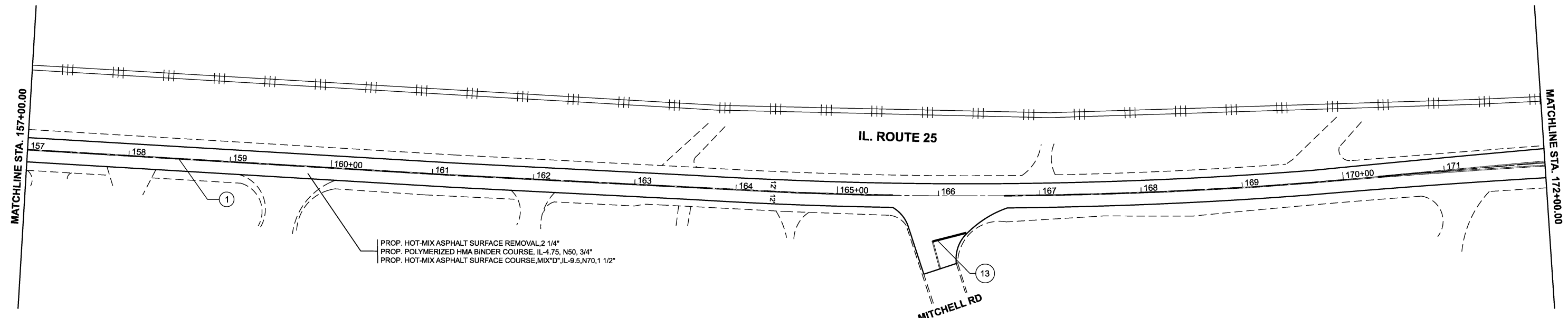
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USER NAME = Fritz.Guillaume	DESIGNED -	REVISED -
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PLOT DATE = 11/1/2024	DATE -	REVISED -

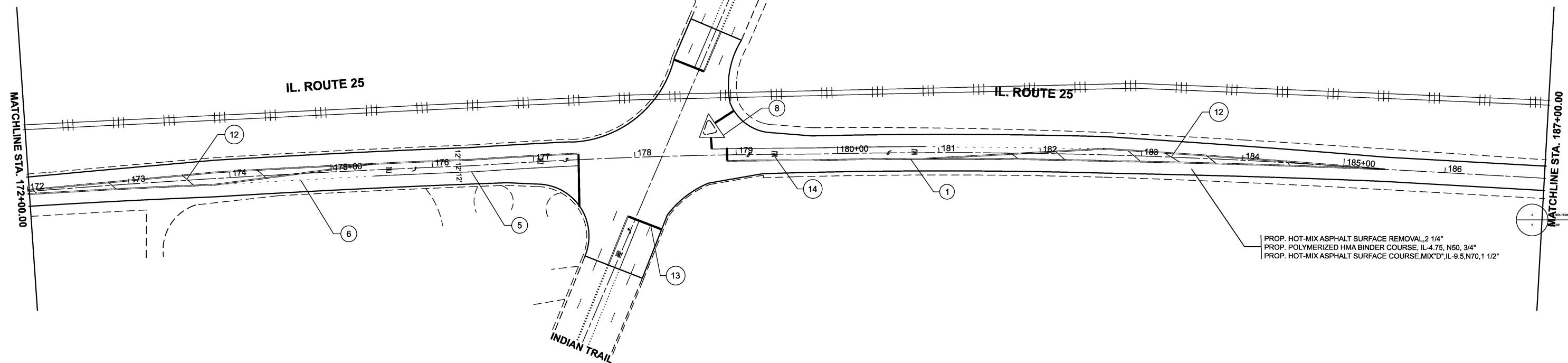
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN SHEET			
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE			
SCALE: 1"=50'	SHEET OF 7 SHEETS	STA. 128+00.00	TO STA. 157+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	11
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				



- | | | |
|--|--|---|
| 1 PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.) | 6 PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | 11 PROP. THERMOPLASTIC PAVEMENT MARKING 12", SHOULDER DIAGONAL, 20' C-C, WHITE (TYP.) |
| 2 PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE LINE WHITE (TYP.) | 7 PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.) | 12 PROP. THERMOPLASTIC PAVEMENT MARKING 12", MEDIAN DIAGONAL @ 45 75' C-C YELLOW (TYP.) |
| 3 PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.) | 8 PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE WHITE (TYP.) | 13 PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.) |
| 4 PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) | 9 PROP. THERMOPLASTIC PAVEMENT MARKING 12", BICYCLE (EQUESTRIAN) DIAGONALS @ 45' 2' APART WHITE (TYP.) | 14 PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) |
| 5 PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.) | 10 PROP. THERMOPLASTIC PAVEMENT MARKING 12", SOLID WHITE SCHOOL CROSSWALK (TYP.) | |



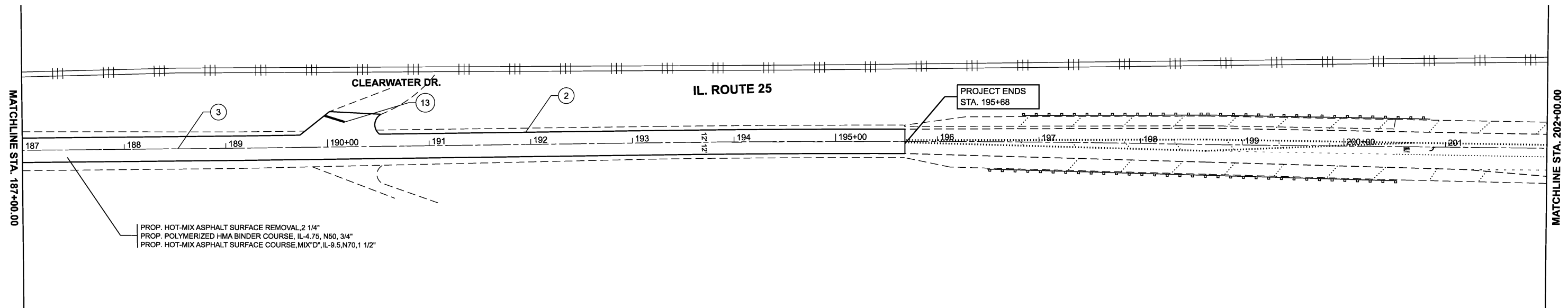
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/1/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

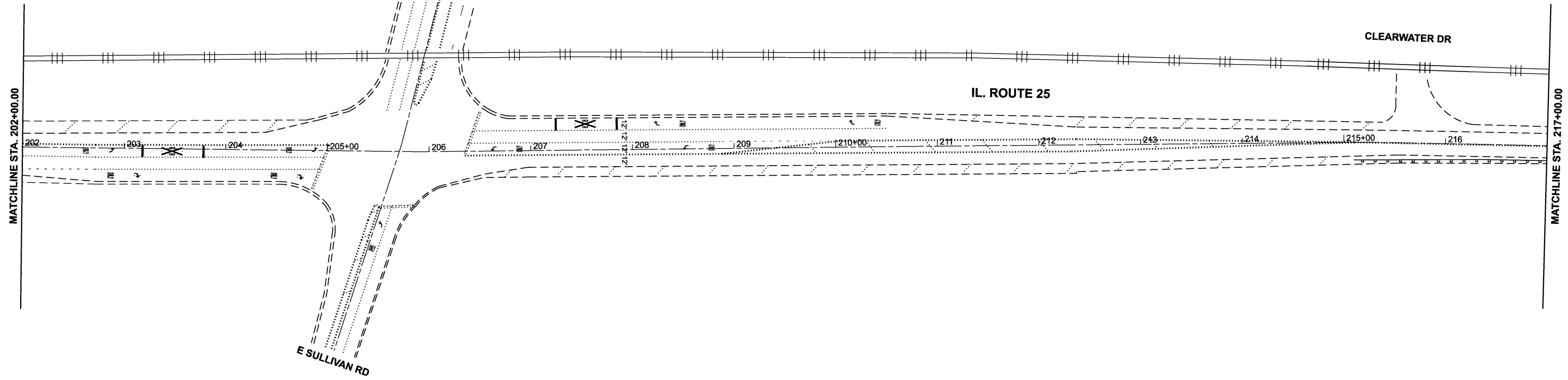
ROADWAY PLAN SHEET	
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE	
SCALE: 1"=50'	SHEET OF 7 SHEETS
STA. 157+00.00	TO STA. 187+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	12
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				



PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
 PROP. POLYMERIZED HMA BINDER COURSE, IL-4.75, N50, 3/4"
 PROP. HOT-MIX ASPHALT SURFACE COURSE, MIX"D", IL-9.5, N70, 1 1/2"

- | | | | | | |
|---|--|----|--|----|--|
| 1 | PROP. THERMOPLASTIC PAVEMENT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.) | 6 | PROP. THERMOPLASTIC PAVEMENT MARKING 6", DOTTED SKIP DASH @ 6' SKIP & 2' DASH, WHITE (TYP.) | 11 | PROP. THERMOPLASTIC PAVEMENT MARKING 12", SHOULDER DIAGONAL, 20' C-C, WHITE (TYP.) |
| 2 | PROP. THERMOPLASTIC PAVEMENT MARKING 4", EDGE LINE WHITE (TYP.) | 7 | PROP. THERMOPLASTIC PAVEMENT MARKING 6", CROSSWALK 2 @ 6' MIN. C-C, WHITE (TYP.) | 12 | PROP. THERMOPLASTIC PAVEMENT MARKING 12", MEDIAN DIAGONAL @ 45 75' C-C YELLOW (TYP.) |
| 3 | PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.) | 8 | PROP. THERMOPLASTIC PAVEMENT MARKING 8", GORE EDGE LINE WHITE (TYP.) | 13 | PROP. THERMOPLASTIC PAVEMENT MARKING 24", STOPBAR, WHITE (TYP.) |
| 4 | PROP. THERMOPLASTIC PAVEMENT MARKING 4", SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.) | 9 | PROP. THERMOPLASTIC PAVEMENT MARKING 12", BICYCLE (EQUESTRIAN) DIAGONALS @ 45' 2' APART WHITE (TYP.) | 14 | PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.) |
| 5 | PROP. THERMOPLASTIC PAVEMENT MARKING 6", TURN LANE, WHITE (TYP.) | 10 | PROP. THERMOPLASTIC PAVEMENT MARKING 12", SOLID WHITE SCHOOL CROSSWALK (TYP.) | | |



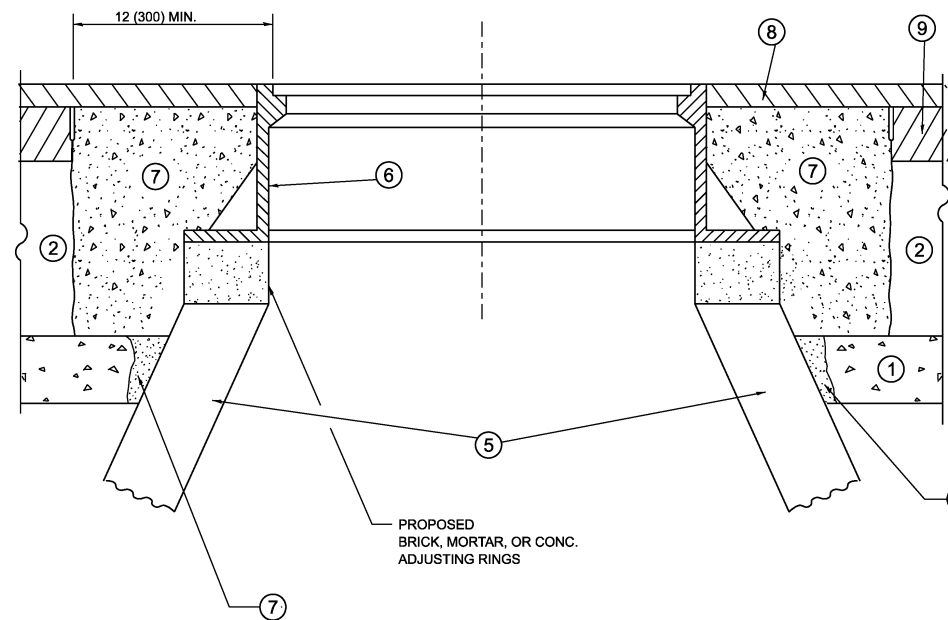
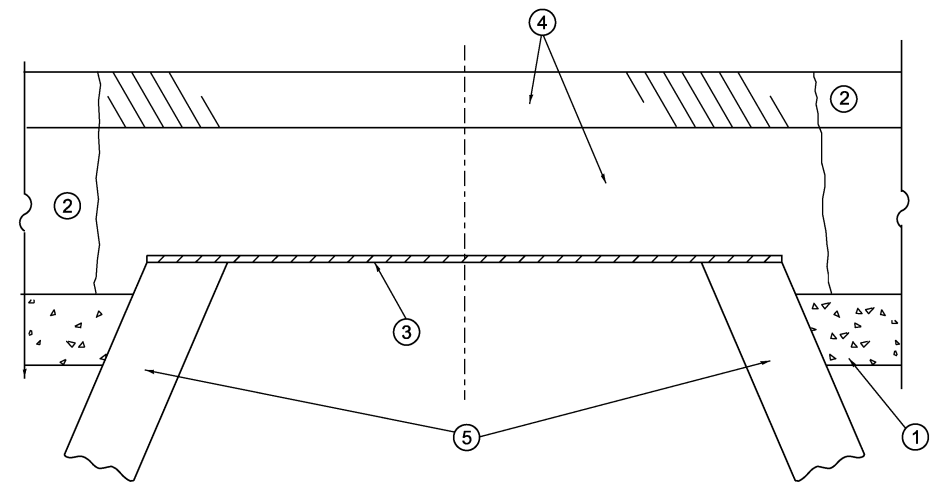
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USER NAME = Fritz.Guillaume	DESIGNED -	REVISED -
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PLOT DATE = 11/1/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN SHEET
IL-25 (AURORA AVENUE) N. OF CLEAR WATER DR TO HAZEL AVENUE
 SCALE: 1"=50' SHEET OF 7 SHEETS STA. 187+00.00 TO STA. 217+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	13
CONTRACT NO. 62W69				
ILLINOIS FED. AID PROJECT				



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

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

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

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.

**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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	14
BD600-03 (BD-08)			CONTRACT NO. 62W69	
ILLINOIS FED. AID PROJECT				

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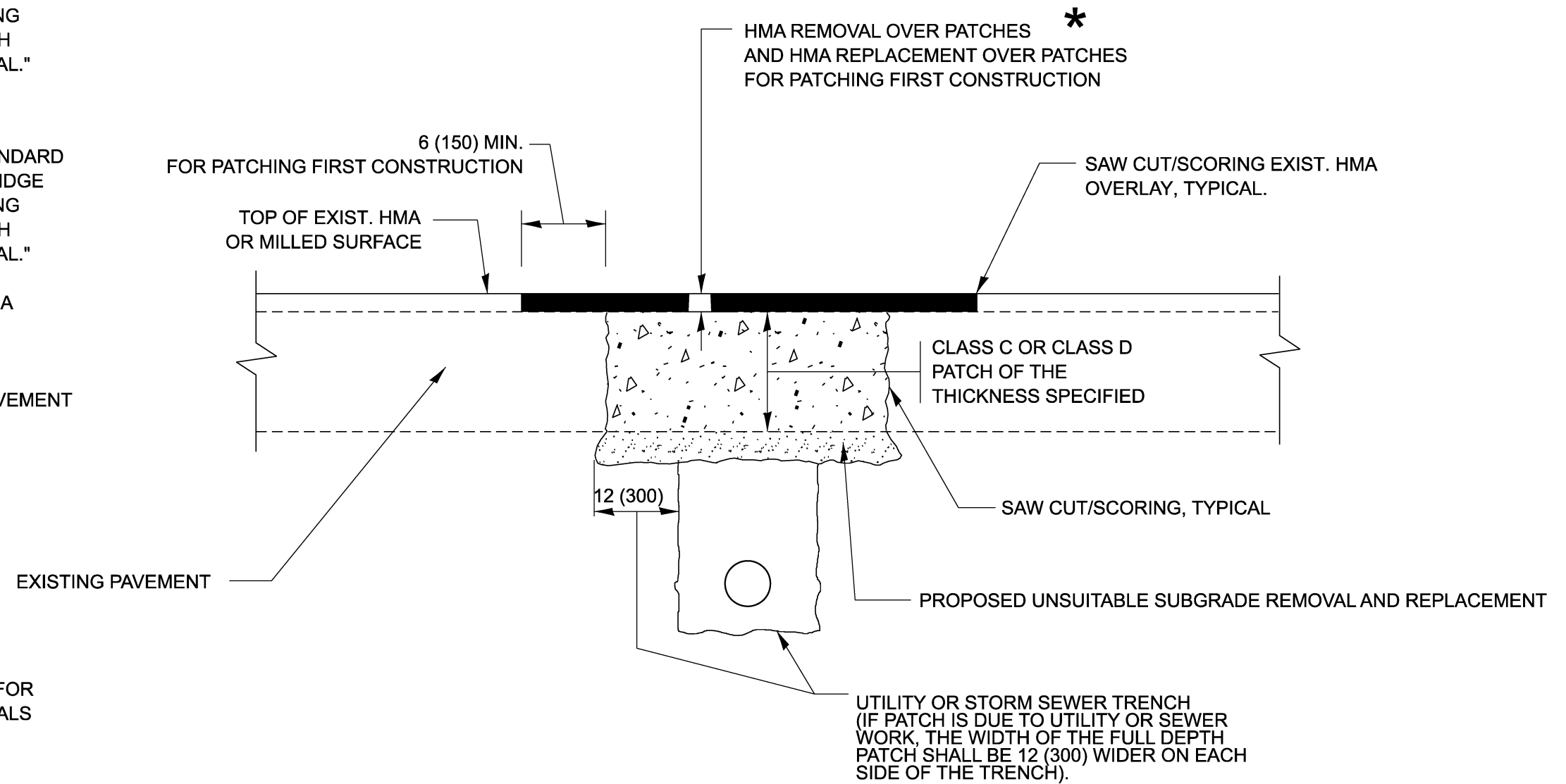
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	DRAWN -	REVISED - R. BORO 12-06-11
	CHECKED -	REVISED - K. SMITH 11-18-22
PLOT DATE = 11/1/2024	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

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 ½ 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.

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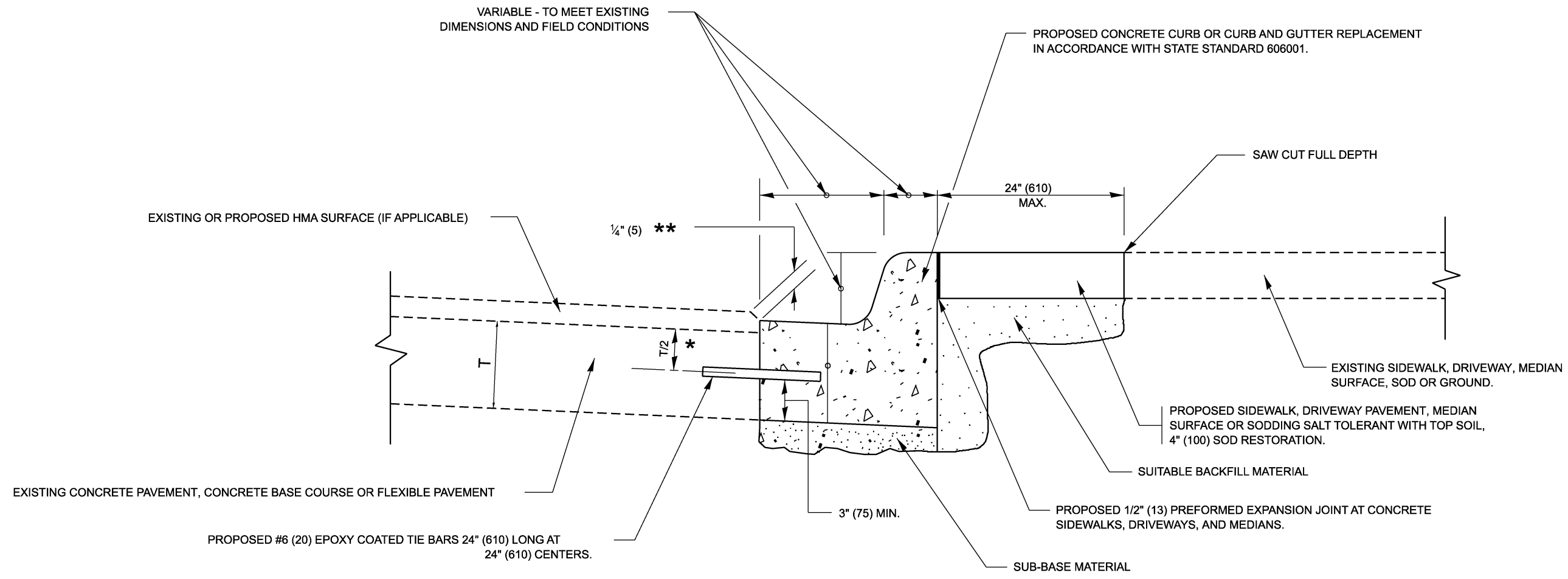
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	DRAWN -	REVISED - R. BORO 09-04-07
	CHECKED -	REVISED - K. ENG 10-27-08
PLOT DATE = 11/1/2024	DATE - 10-25-94	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	15
BD400-04 (BD-22)			CONTRACT NO. 62W69	
ILLINOIS FED. AID PROJECT				



- * 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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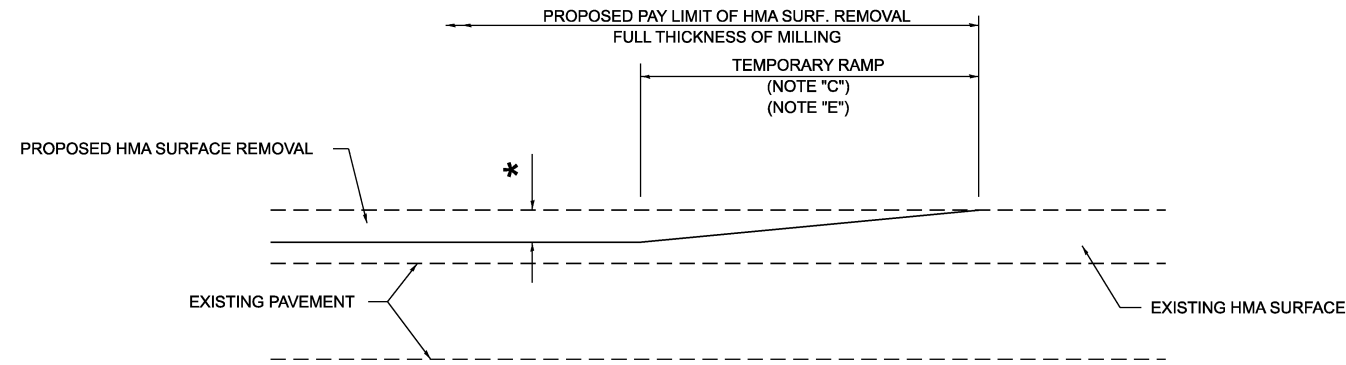
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 11/1/2024	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CURB OR CURB AND GUTTER
REMOVAL AND REPLACEMENT**

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

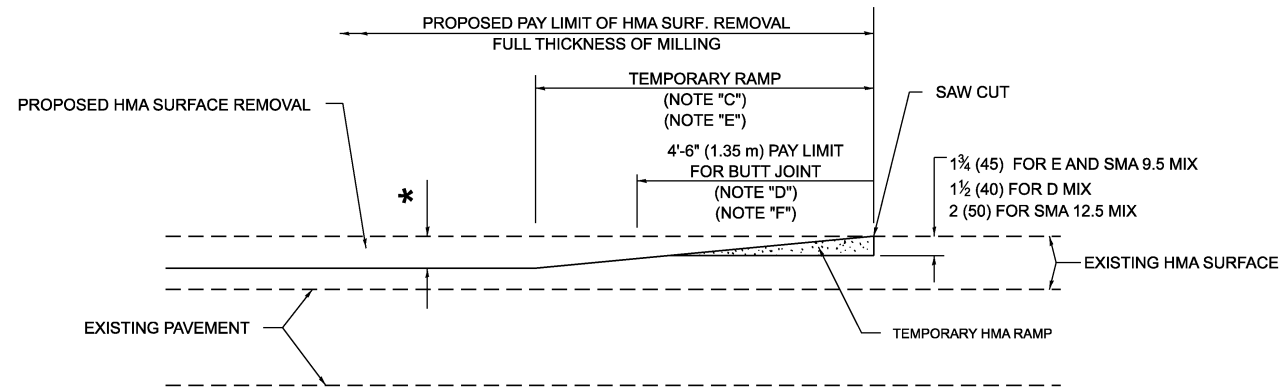
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2503	2024-950-RS	KANE	26	16
BD600-06 (BD-24)			CONTRACT NO. 62W69	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

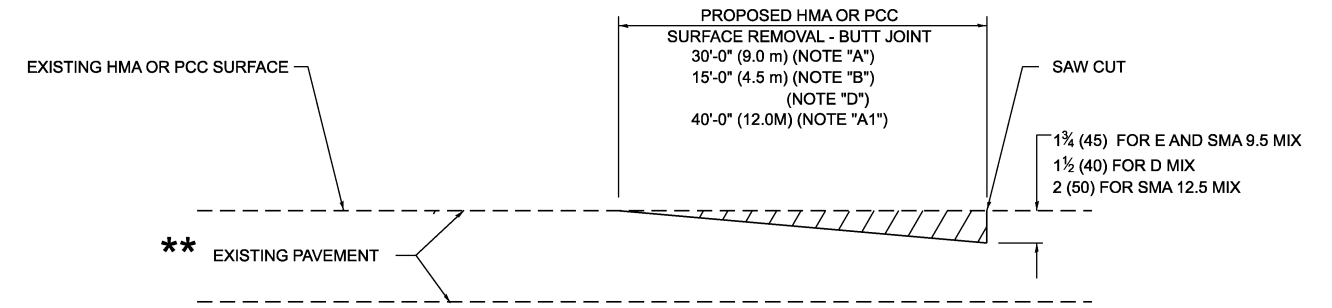


HMA CONSTRUCTED TEMPORARY RAMP

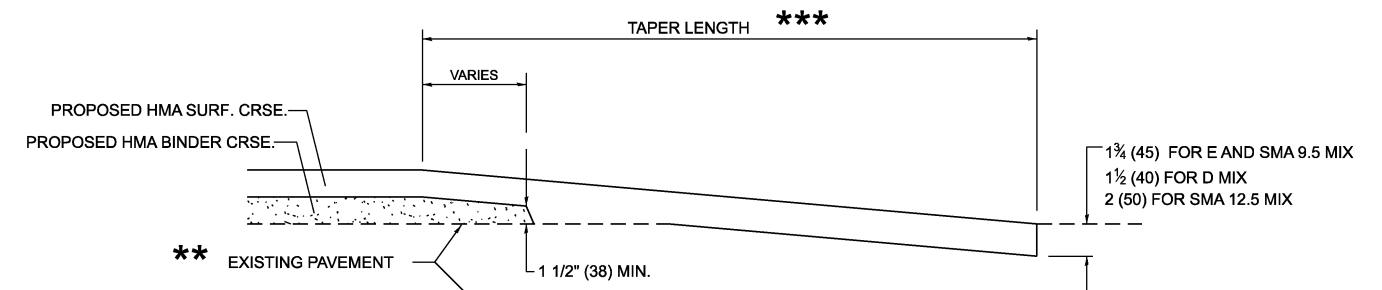
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

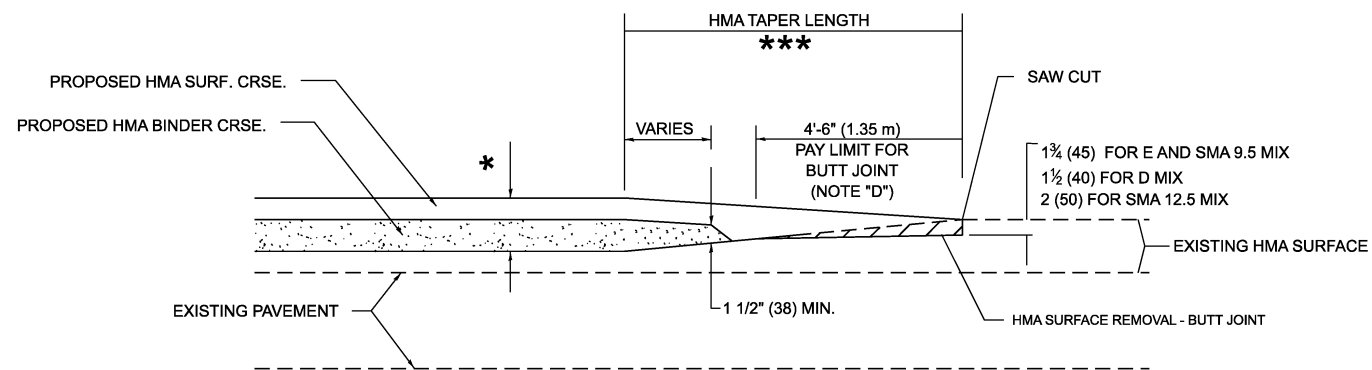
- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE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

MODEL: BD-32 (Sheet)
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USER NAME = Fritz,Guillaume	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/1/2024	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

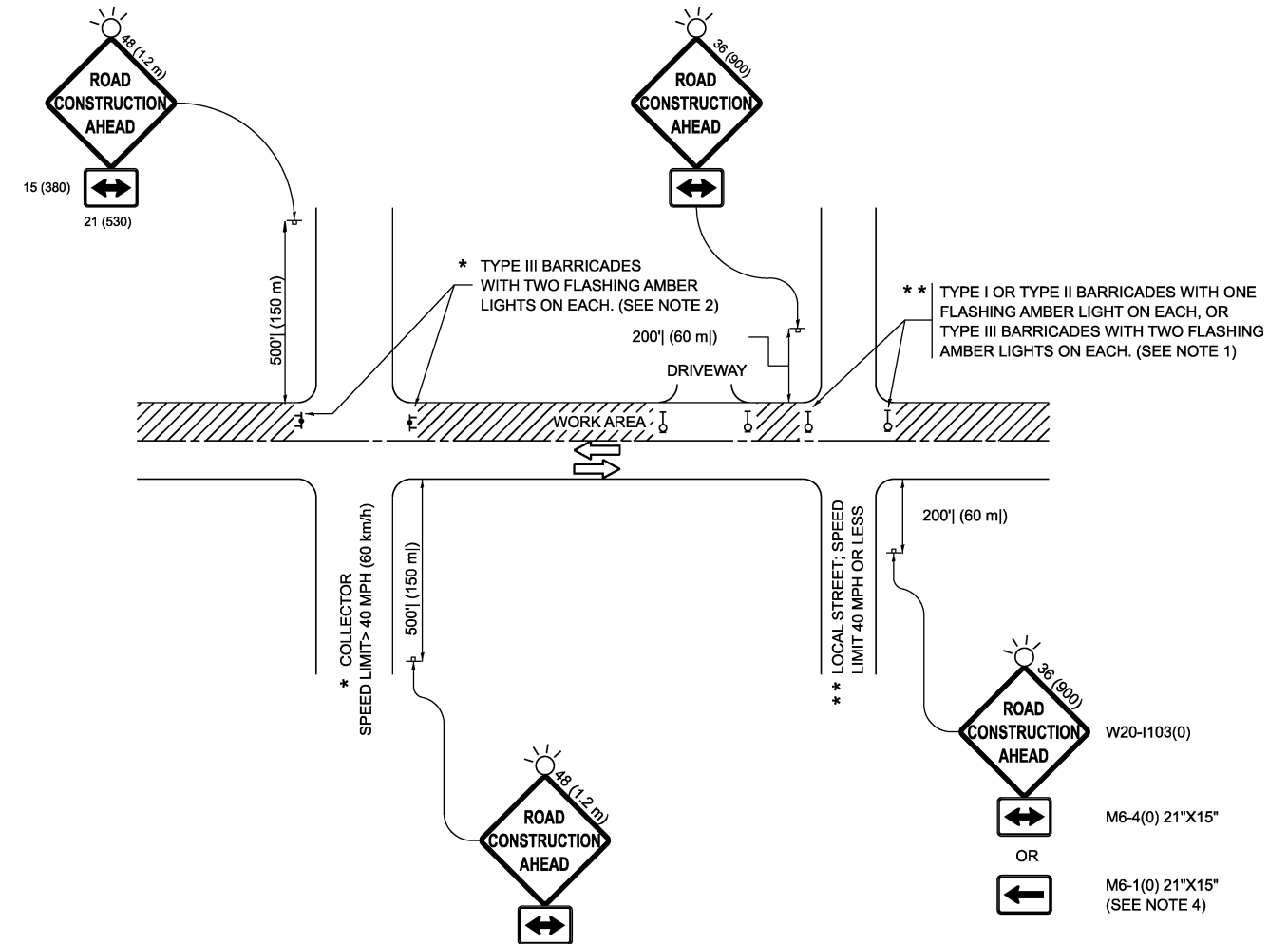
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	17
BD400-05 BD-32			CONTRACT NO. 62W69	
ILLINOIS FED. AID PROJECT				

MODEL: TC-10 (Sheet)
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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.

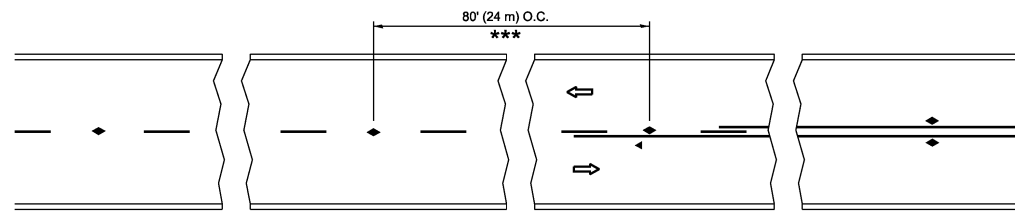
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	DRAWN -	REVISED - A. SCHUETZE 07-01-13
	CHECKED -	REVISED - A. SCHUETZE 09-15-06
PLOT DATE = 11/1/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

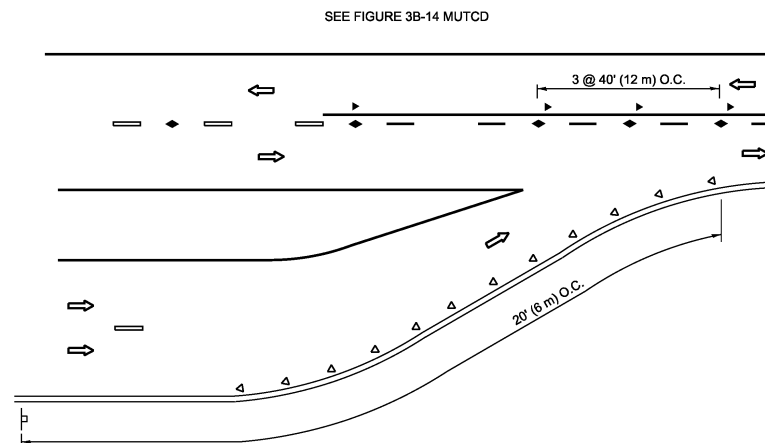
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62W69	
ILLINOIS FED. AID PROJECT				

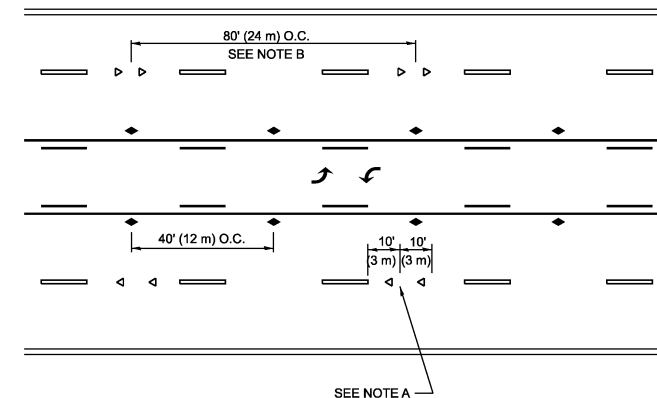


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

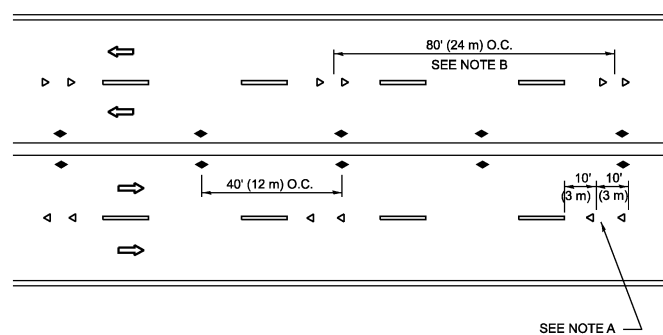
TWO-LANE/TWO-WAY



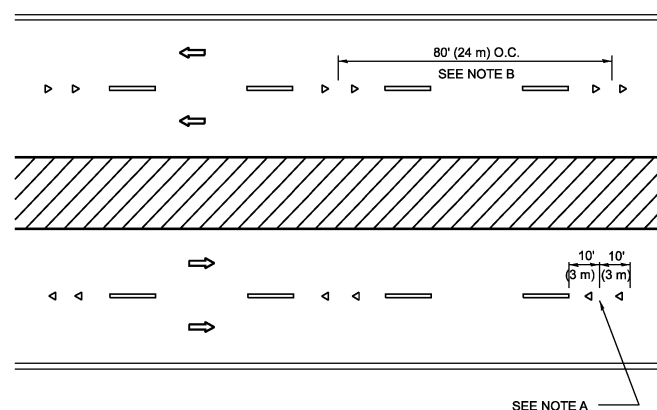
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

- MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
- MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
- MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
- MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

SYMBOLS

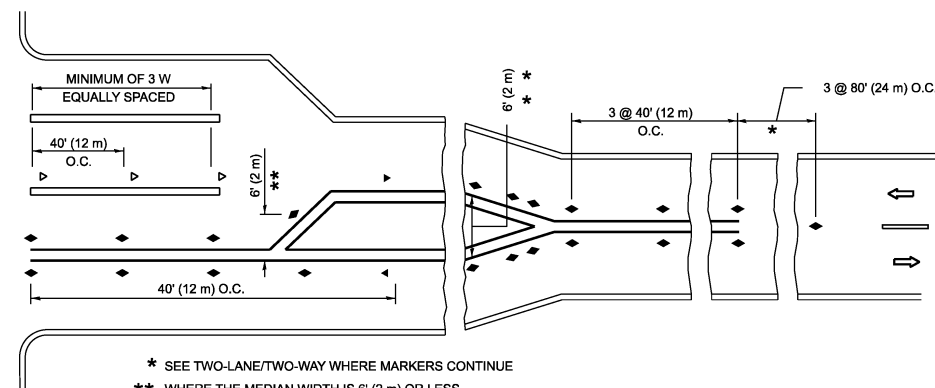
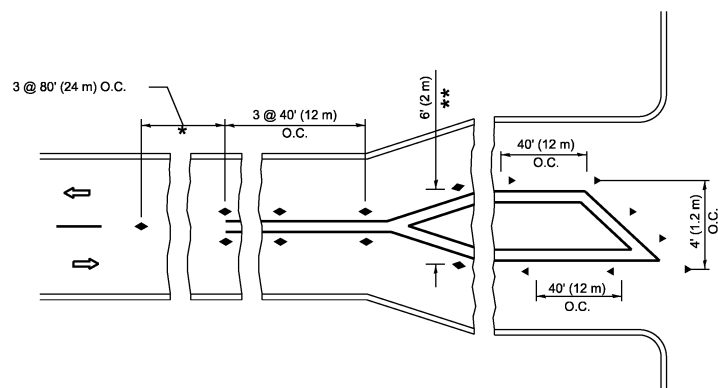
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H. (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

- DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
- MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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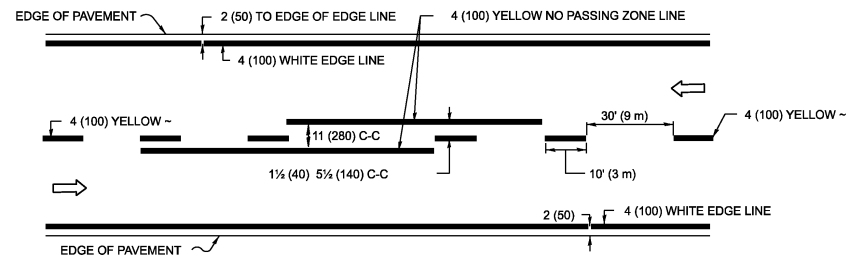
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	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 11/1/2024	DATE -	REVISED - C. JUCIUS 07-01-13

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

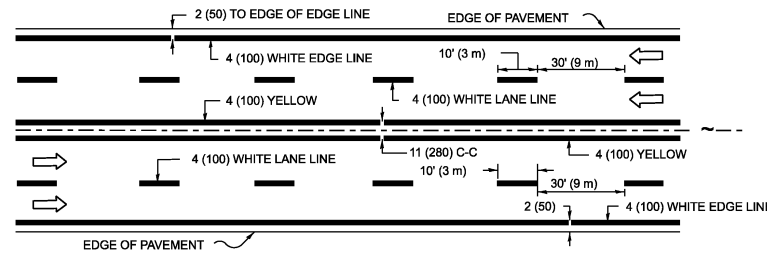
TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

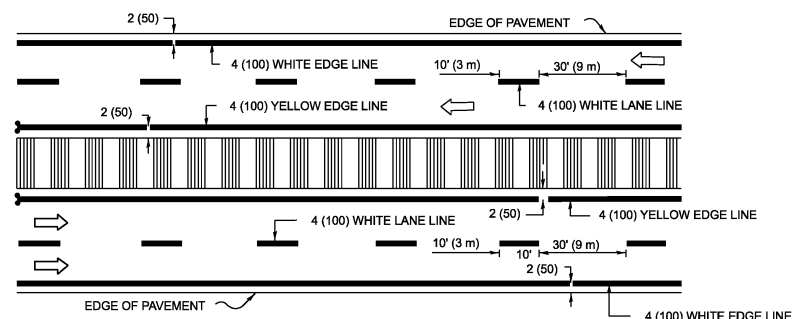
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	19
TC-11		CONTRACT NO. 62W69		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

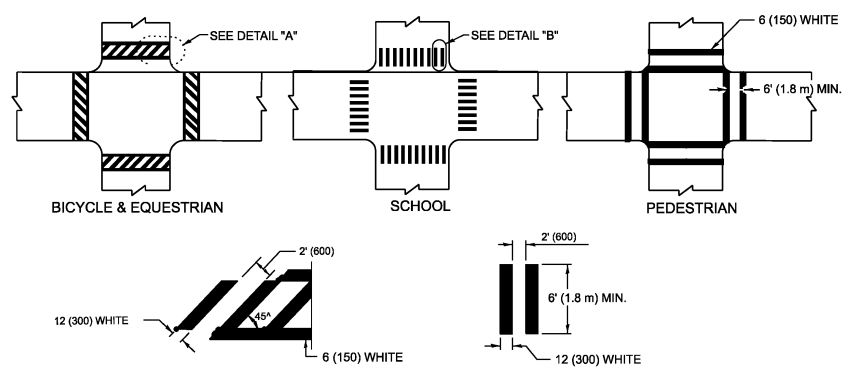


MULTI-LANE UNDIVIDED



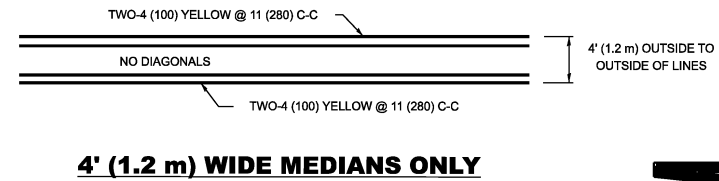
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

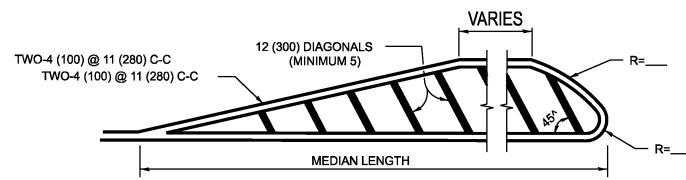


DETAIL "A" TYPICAL CROSSWALK MARKING

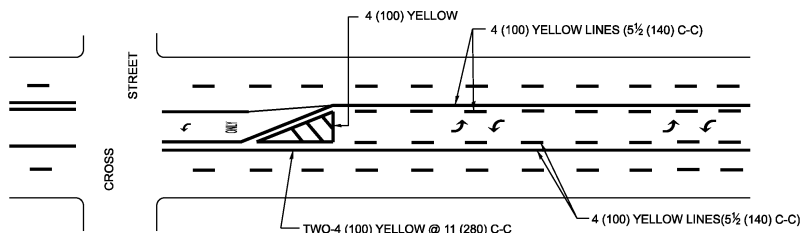
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



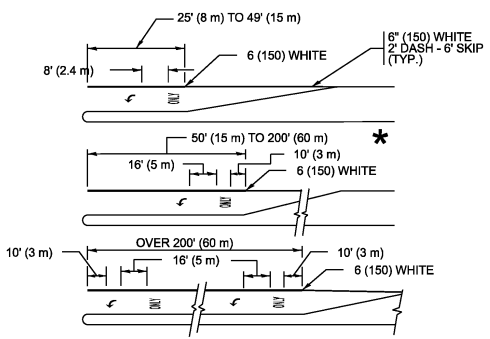
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



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

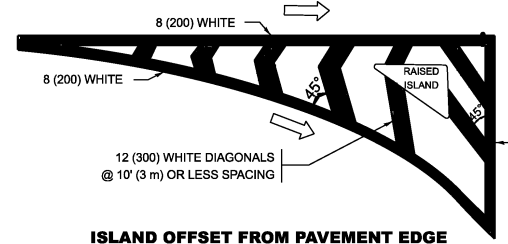


TYPICAL LEFT (OR RIGHT) TURN LANE

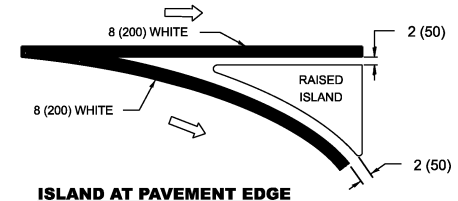
TYPICAL TURN LANE MARKING

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".



ISLAND OFFSET FROM PAVEMENT EDGE

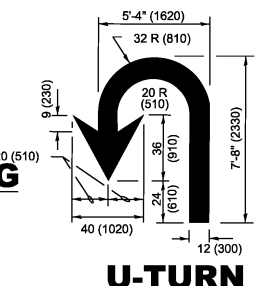


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

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

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	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" IS 6' (1.8 m) LETTERS: 15 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.8 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.

MODEL: TC-13 (Sheet)
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USER NAME = Fritz.Guillaume	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN - C. JUCIUS 07-01-13	REVISED - C. JUCIUS 12-21-15
	CHECKED -	REVISED - C. JUCIUS 04-12-16
PLOT DATE = 11/1/2024	DATE - 03-19-90	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	20
TC-13		CONTRACT NO. 62W69		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

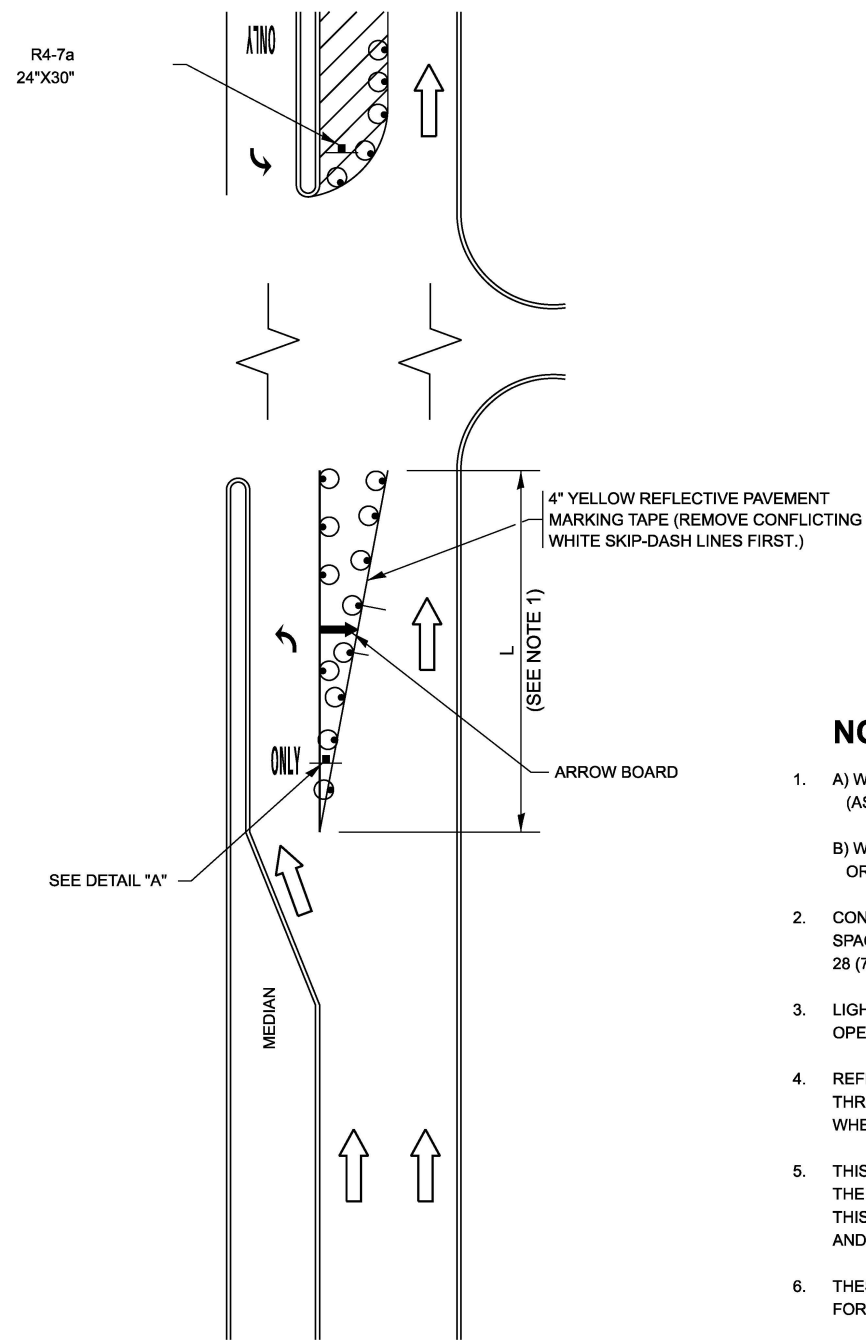
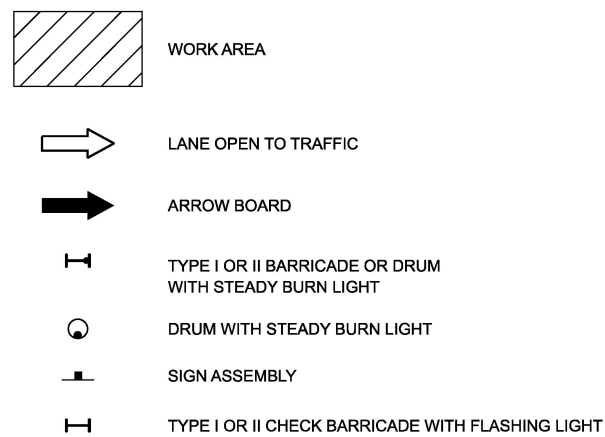


FIGURE 1

LEGEND



NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. 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.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

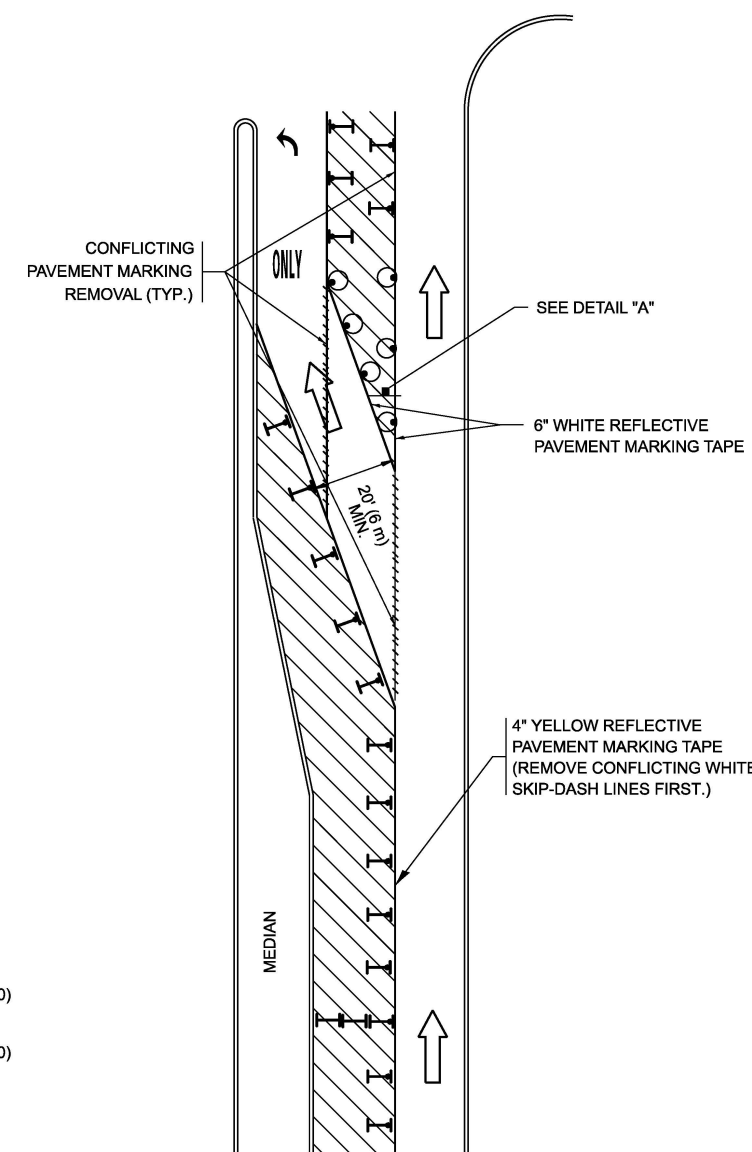
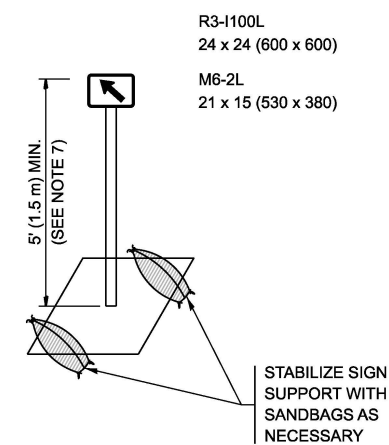


FIGURE 2



DETAIL A

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

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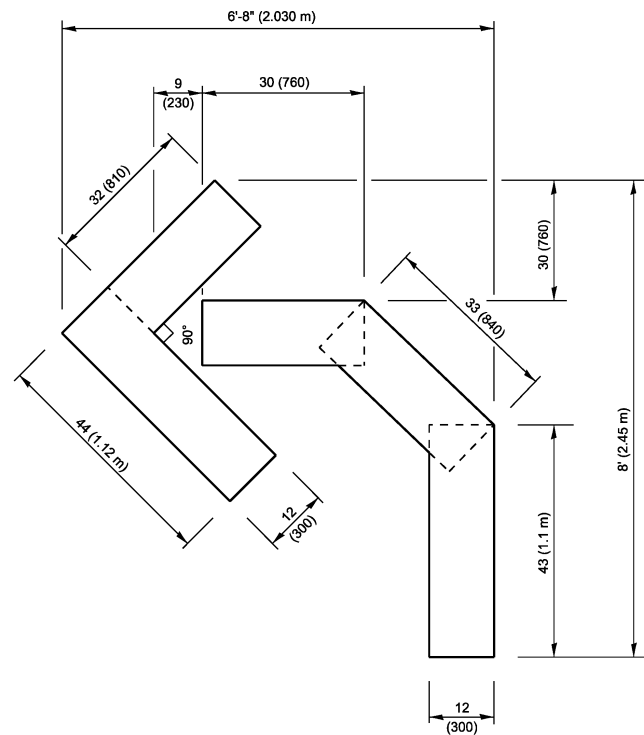
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 11/1/2024	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

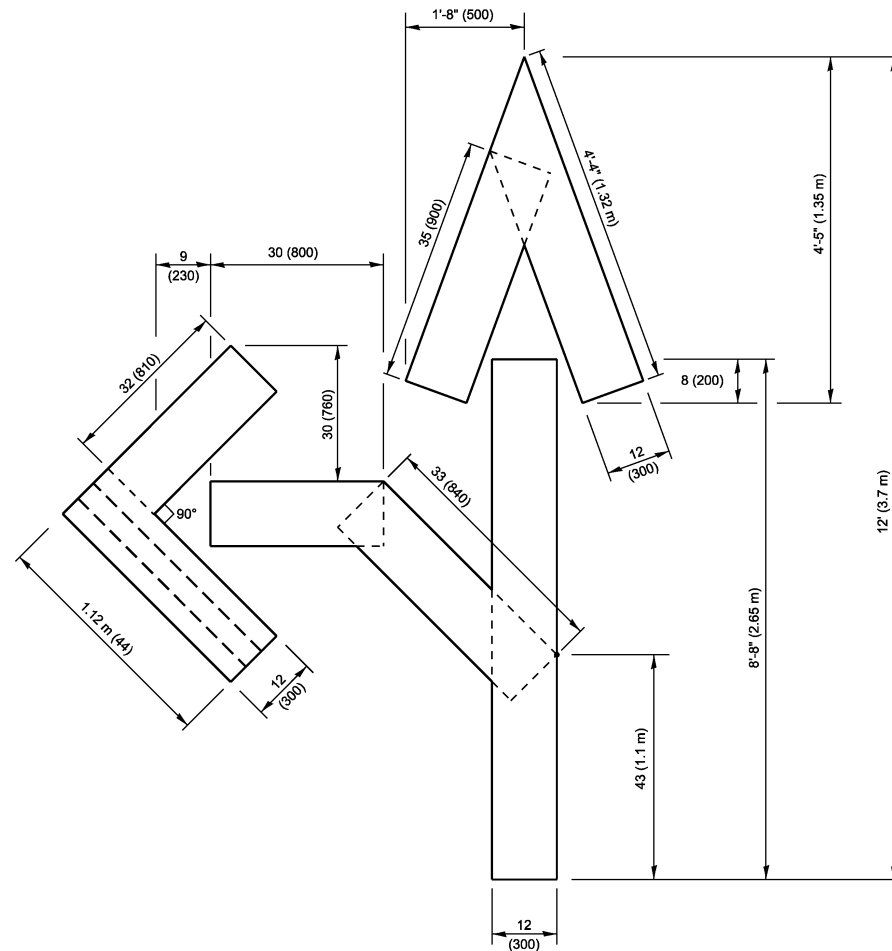
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-14			CONTRACT NO. 62W69	
ILLINOIS FED. AID PROJECT				



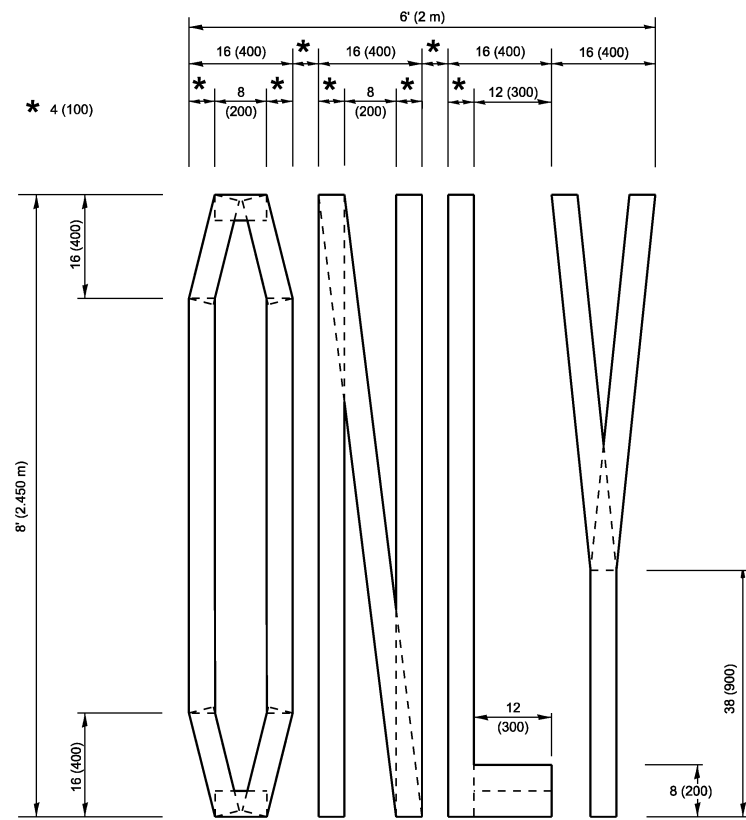
QUANTITY

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



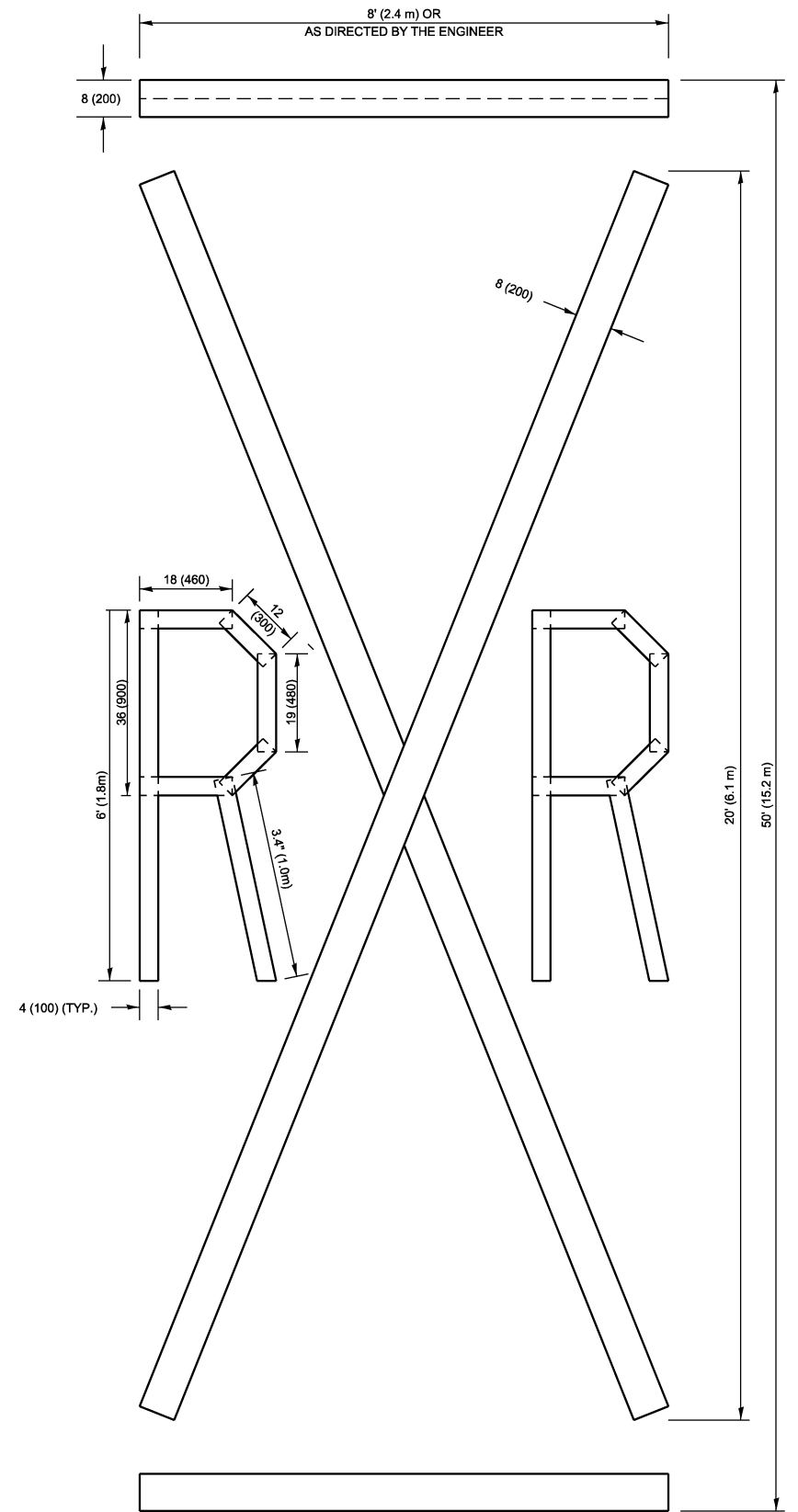
QUANTITY

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



QUANTITY

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



QUANTITY

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

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

MODEL: TC-16 (Sheet)
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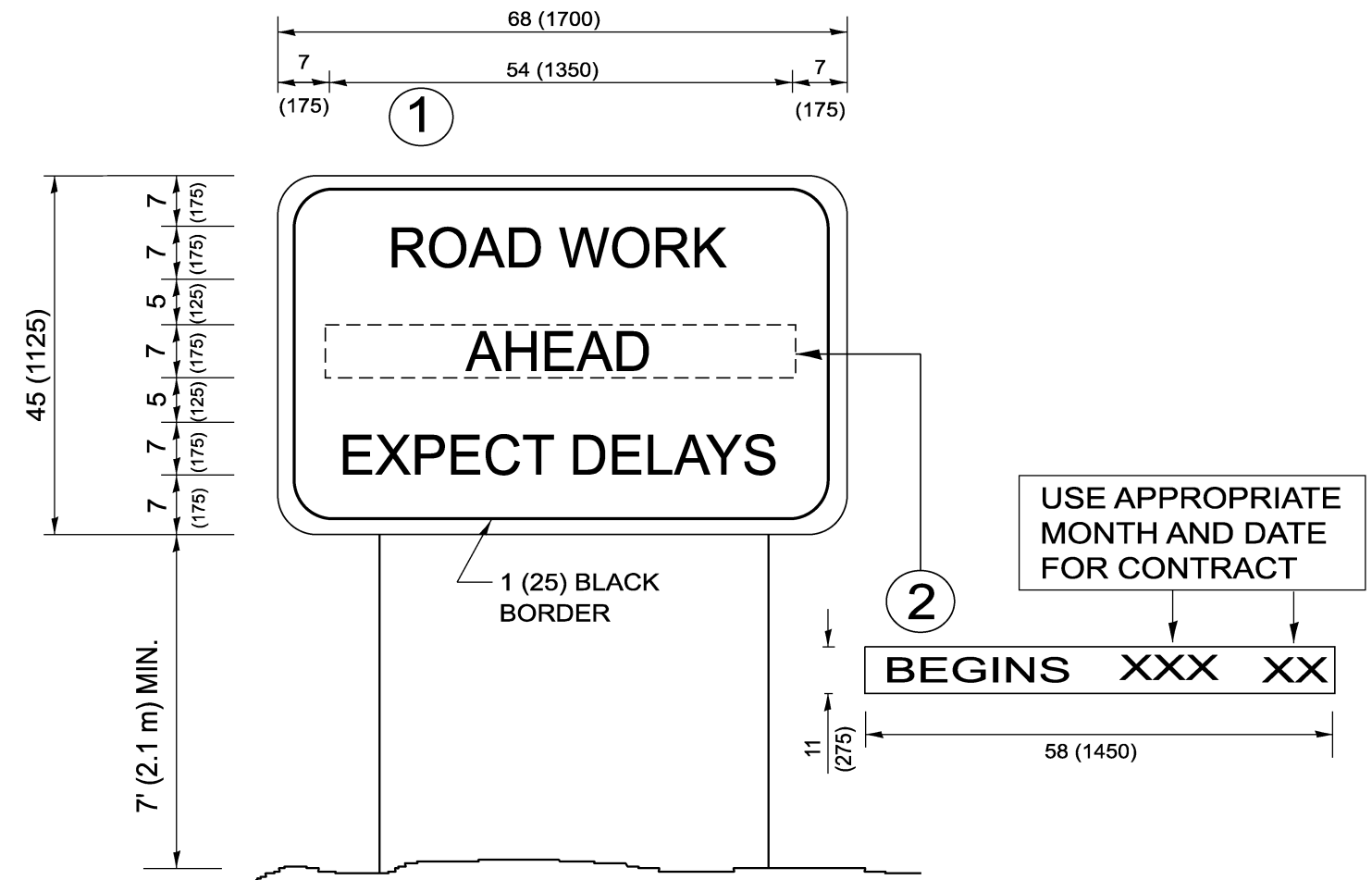
USER NAME = Fritz.Guillaume	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 11/1/2024	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**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.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	22
TC-16		CONTRACT NO. 62W69		
ILLINOIS FED. AID PROJECT				



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.

MODEL: TC-17 (Sheet)
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USER NAME = Fritz.Guillaume	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 11/1/2024	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

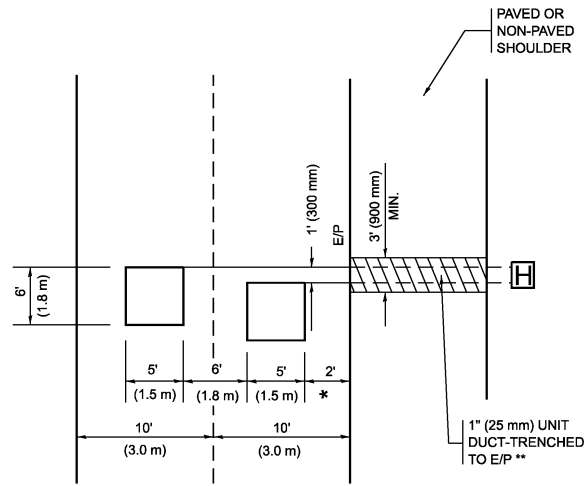
**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	23
TC-22			CONTRACT NO. 62W69	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



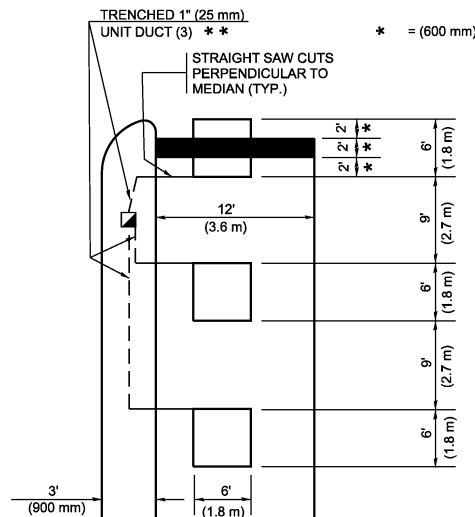
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



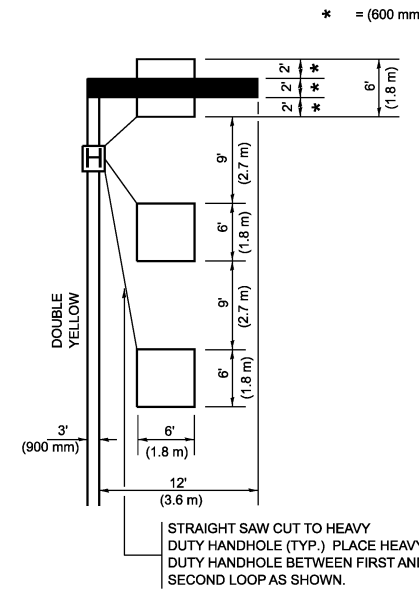
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS

VOLUME DENSITY ("FAR OUT" DETECTION) ON SAME APPROACH (PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

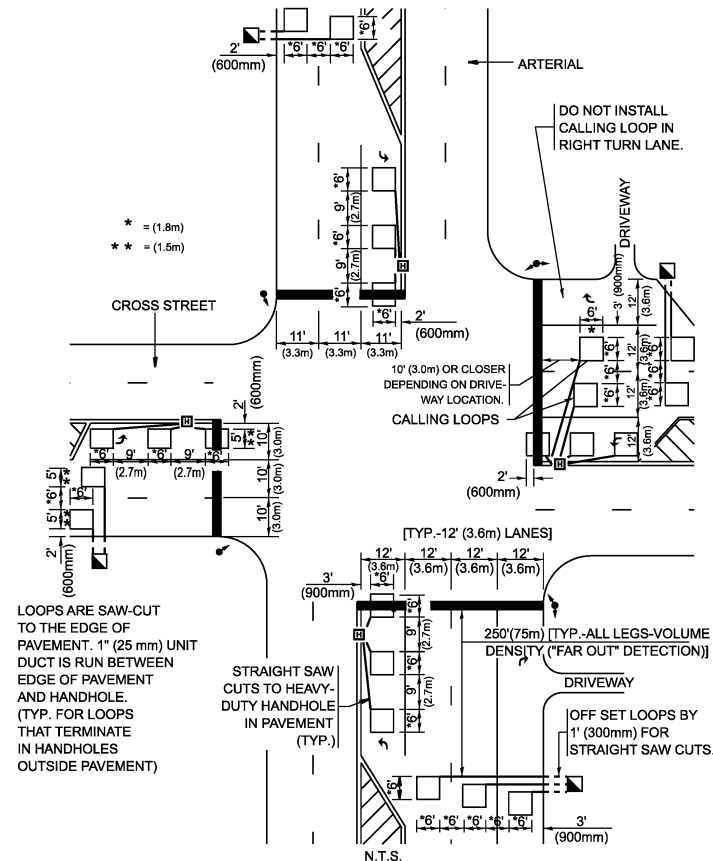
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)

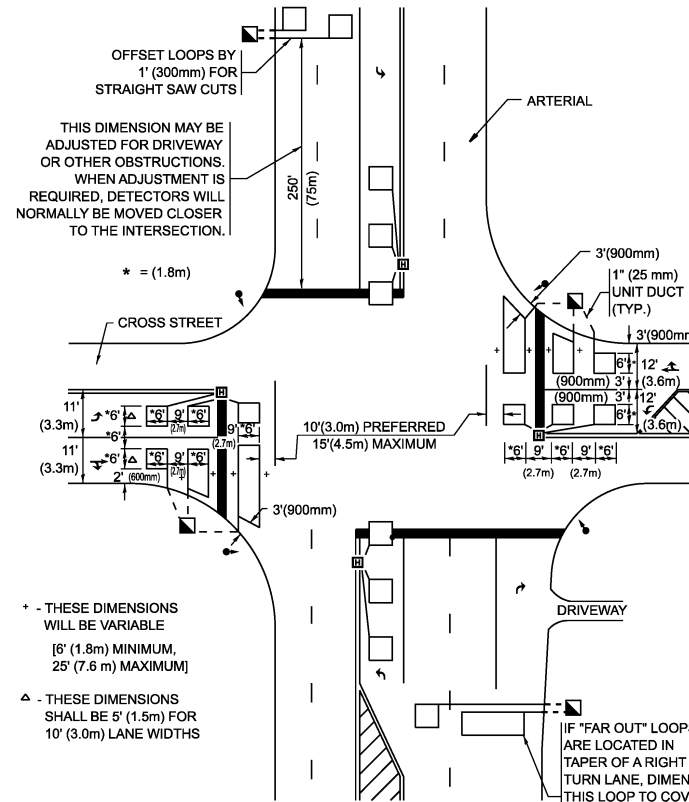


LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION) CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



* - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

△ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

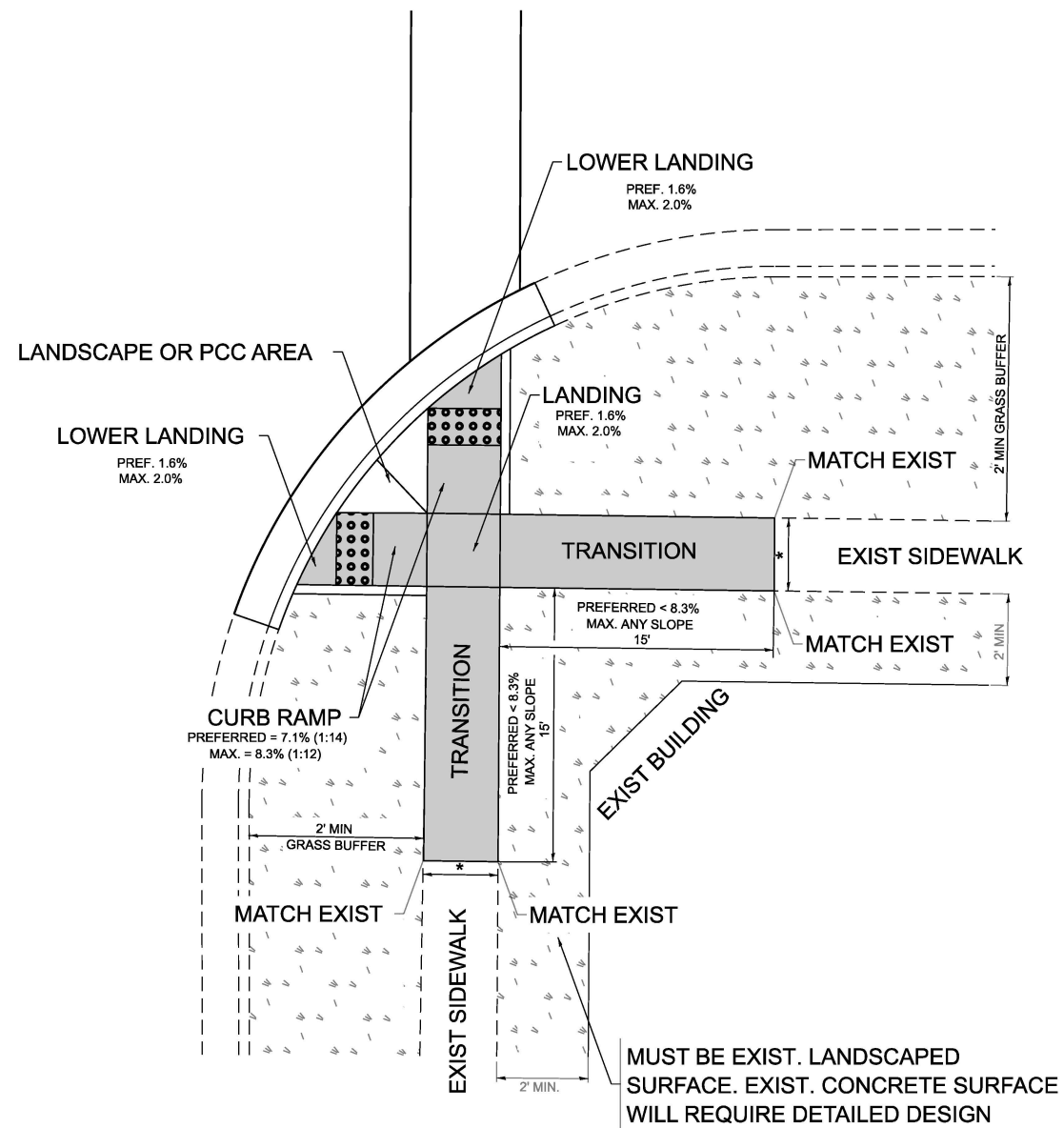
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	DRAWN -	REVISED -
	CHECKED - R.K.F.	REVISED -
PLOT DATE = 11/1/2024	DATE -	REVISED -

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

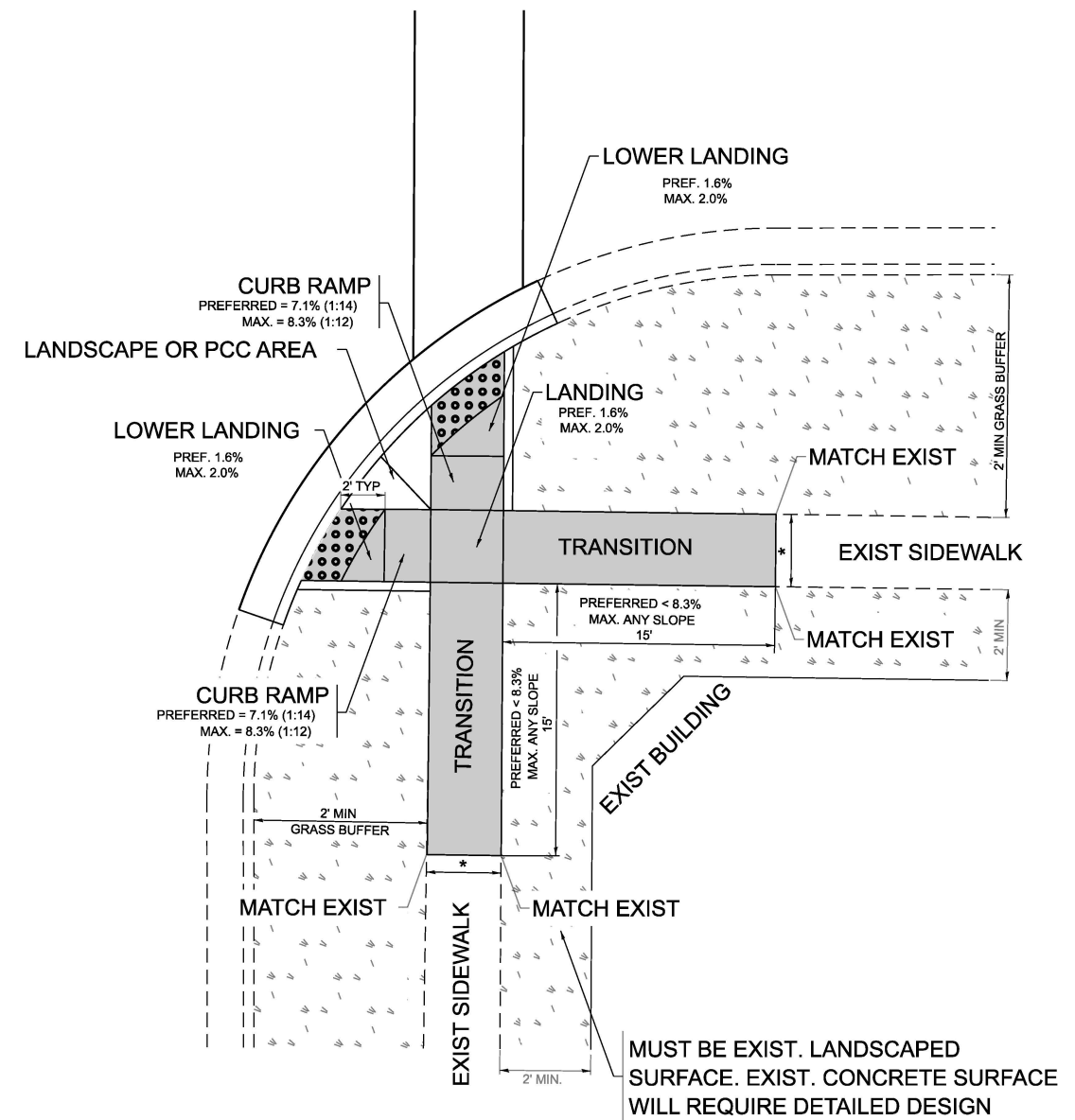
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	24
TS-07		CONTRACT NO. 62W69		
ILLINOIS		FED. AID PROJECT		

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

MODEL: PD-03 (Sheet)
FILE NAME: c:\pwworking\wilbur\p01186030\117024-shd-Dist\Stds.dgn

USER NAME = Fritz.Guillaume	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/1/2024	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

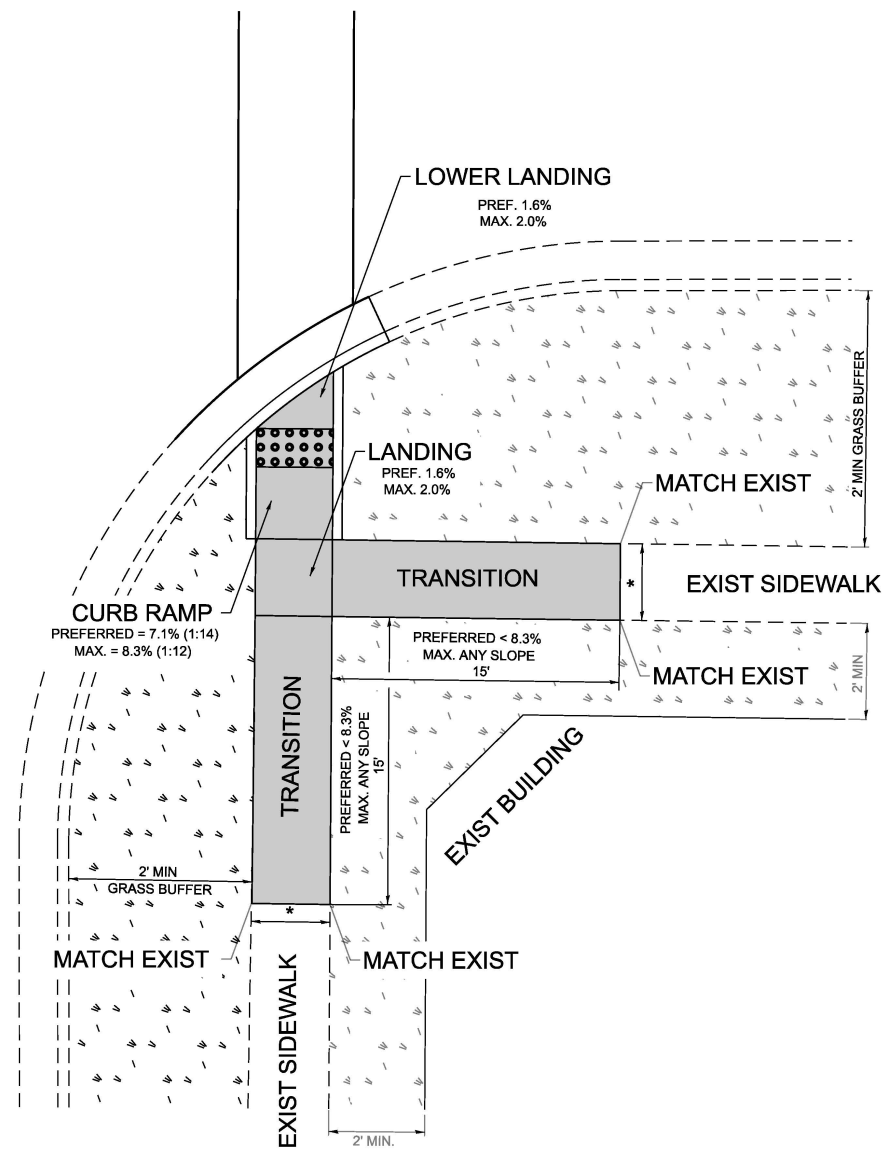
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS
(PD-03)**

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

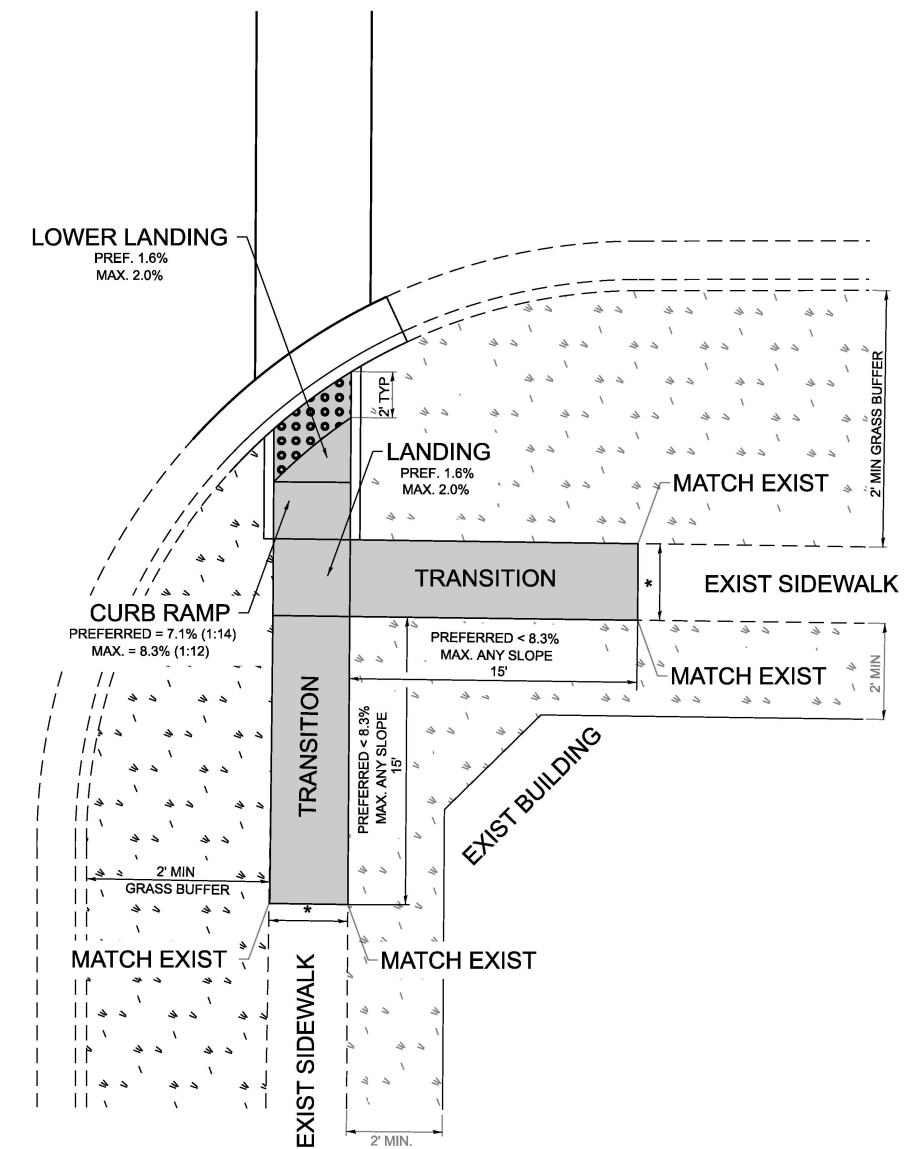
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2503	2024-950-RS	KANE	26	25
PD-03		CONTRACT NO. 62W69		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

- EXIST. GRASS
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

MODEL: PD-4 (Sheet)
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USER NAME = Fritz.Guillaume	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 11/1/2024	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH
TURNING SPACE (PD-04)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2503	2024-950-RS	KANE	26	26
PD-04		CONTRACT NO. 62W69		
ILLINOIS FED. AID PROJECT				