

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-RS-SW&SR	WILL	40	1
		ILLINOIS	CONTRACT NO. 62L55	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED IN THE CITY OF WILMINGTON

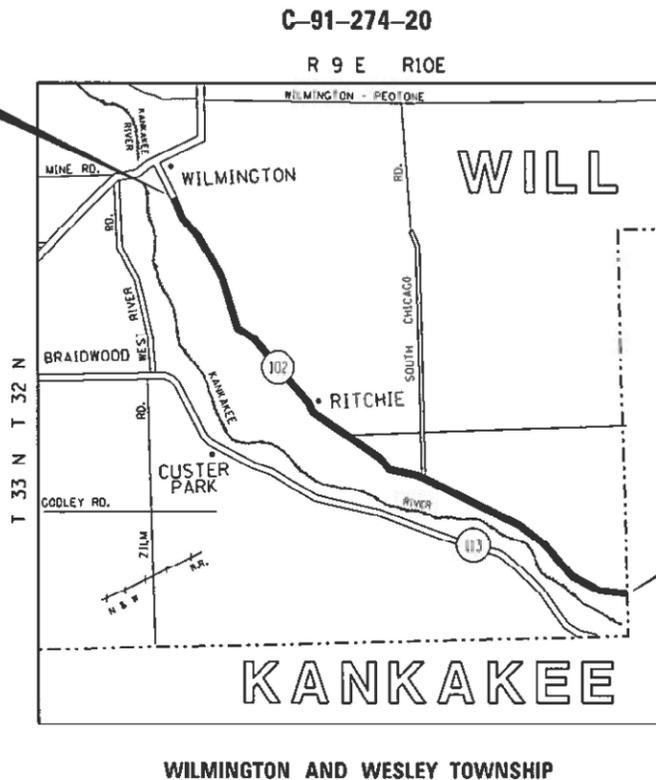
PROPOSED  
HIGHWAY PLANS

F.A.P. ROUTE 631: IL 102 / WATER STREET FROM RYAN ST. TO KANKAKEE CO LINE  
SECTION: 2020-077-RS-SW&SR  
PROJECT: STP-J4T5(078)  
SMART OVERLAY, PEDESTRIAN RAMPS, HMA SHOULDER RUMBLE STRIPS  
WILL COUNTY

TRAFFIC DATA:  
2019 ADT = 12,700  
POSTED SPEED LIMIT = 35-55 MPH

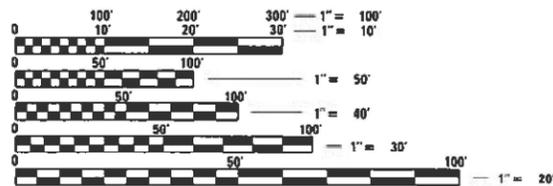
PROJECT BEGINS  
STA. 18 + 61

OMISSIONS:  
STA. 233+58 TO STA. 235+21  
STA. 312+64 TO STA. 312+86



PROJECT ENDS  
STA. 530 + 00

GROSS LENGTH OF PROJECT = 51,139 FT. = 9.69 MILES  
NET LENGTH OF PROJECT = 50,954 FT. = 9.65 MILES



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

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

PROJECT MANAGER J. ALAIN MIDY (847) 221-3056

CONTRACT NO. 62L55

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *December 20 2020*  
*Anthony J. Quigley* REGIONAL ENGINEER  
December 4, 2020  
*Scott A. Elk*  
ENGINEER OF DESIGN AND ENVIRONMENT  
December 4, 2020  
*James J. ...*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS



**GENERAL NOTES (CONTINUED)**

16. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
17. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
18. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENT FIRM TO CONTINUOUSLY MONITOR FOR WORKER SAFETY AND SOIL CONTAMINATION AT SEVERAL LOCATIONS. SEE SPECIAL PROVISION AND SUPPLEMENTAL SPECIFICATIONS FOR DETAILS.
19. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
20. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
21. ALL CAST OPEN LIDS FOR FRAMES, TYPE 1, WITHIN CURB RAMPS FOR SIDEWALK, SHALL BE "ADA COMPLIANT" CAST OPEN LIDS PER HIGHWAY STANDARD 604001.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
23. PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER / TECHNICIAN.
24. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
25. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
26. GAPS BETWEEN SUCCESSIVE LANE CLOSURES SHALL NOT BE LESS THAN 2 MILES (3 KM) IN LENGTH ACCORDING TO ARTICLE 701.05 MAXIMUM LENGTH OF LANE CLOSURE
27. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
28. CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT 72 HOURS PRIOR TO WEED CONTROL AT (847) 705-4171. WEED CONTROL LOCATIONS WILL BE DETERMINED IN THE FIELD DURING CONSTRUCTION.
29. NO-PASSING PAVEMENT MARKINGS SHALL MATCH THE LOCATIONS OF THE NO-PASSING PENNANTS SIGN ASSEMBLIES.

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USER NAME = paraynoal	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL. ROUTE 102 (WATER ST.) (RYAN ST. – KANKAKEE CO. LINE) INDEX OF SHEETS, STATE STANDARDS &amp; GENERAL NOTES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			631	2020-077-R5-SW&SR	WILL	40	3	
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PLOT DATE = 11/19/2020	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO
				ILLINOIS   FED. AID PROJECT						



SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005 80% FED 20% STATE	0005 100% STATE			
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	3	3				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1				
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	9862	9862				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	3288	3288				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	221	221				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	124273	124273				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES URBAN	0005 80% FED 20% STATE	0005 100% STATE			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	442	442				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	518	518				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	684	684				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	210	210				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	4931	4931				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	221	221				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	124273	124273				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	442	442				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	518	518				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	684	684				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	210	210				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1363	1363				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1048	1048				

\* = SPECIALTY ITEMS

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% STATE			
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	349	349				
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2	2				
K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	10	10				
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1				
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	30	30				
X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	46027	46027				
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	1020	1020				
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	30		30			
X6030205	FRAMES AND GRATES TO BE ADJUSTED (SPECIAL)	EACH	3	3				
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	3	3				
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	44960	44960				
* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	46027	46027				
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	35	35				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% STATE			
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	3		3			
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8		102.8			
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	46027		46027			
Ø Z0076600	TRAINEES	HOURS	500		500			
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500		500			

\* = SPECIALTY ITEMS

Ø 0042

REV-SEP

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

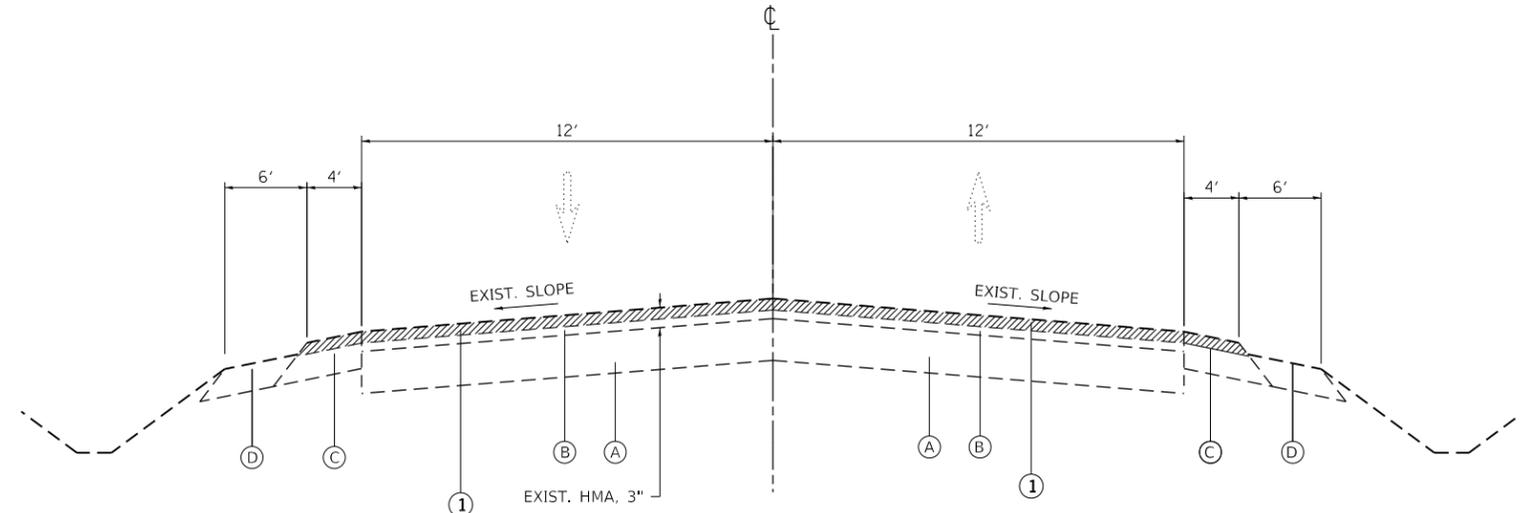
**IL ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)  
SUMMARY OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-RS-SW&SR	WILL	40	6
CONTRACT NO. 62L55			REV-SEP	

FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT

IL 102 (WATER ST.)



EXISTING TYPICAL SECTION  
FROM STA. 18+61 TO 530+00

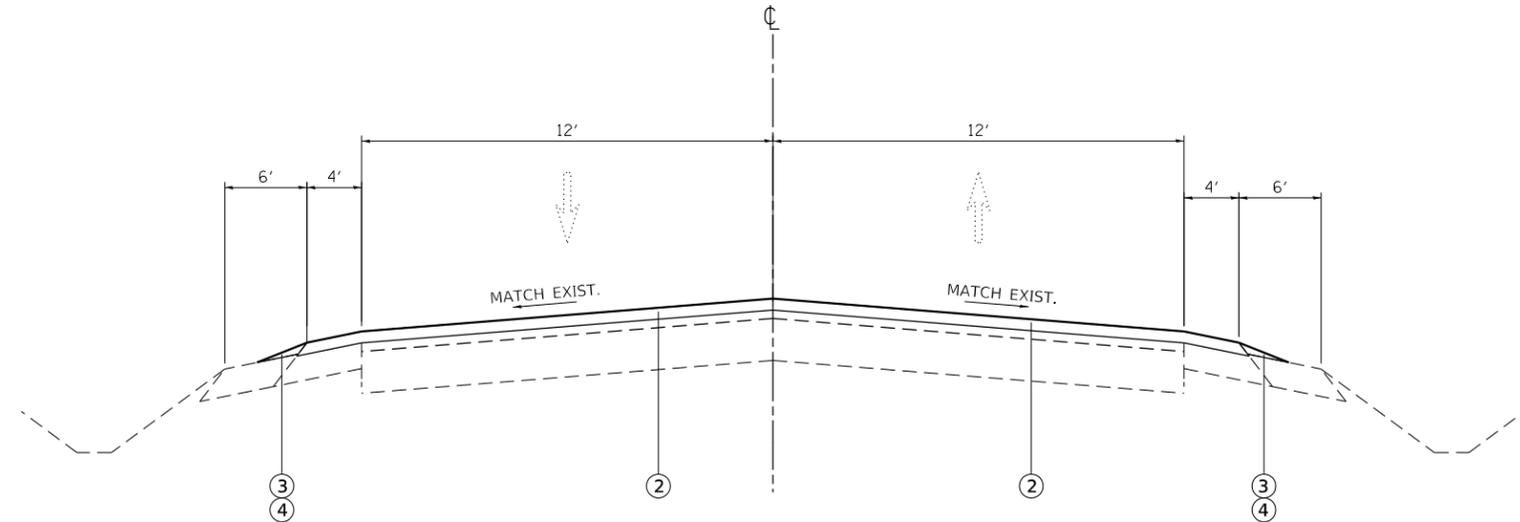
LEGEND - EXISTING:

- (A) EXIST. PCC PAVEMENT, 9"
- (B) EXIST. HMA AFTER MILLING, 1 1/4"
- (C) EXIST. HMA SHOULLDER
- (D) EXIST. AGGREGATE SHOULLDER

NOTES:

- 1.) THE CONTRACTOR SHALL PATCH FIRST BEFORE MILLING.
- 2.) LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE

IL 102 (WATER ST.)



PROPOSED TYPICAL SECTION  
FROM STA. STA. 18+61 TO 530+00

LEGEND - PROPOSED

- (1) PROP. HMA SURFACE REMOVAL, 1 3/4"
- (2) PROP. POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"
- (3) PROP. GRADING AND SHAPING SHOULDERS
- (4) PROP. AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
<b>PAVEMENT RESURFACING</b>		
POLY. HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"	4.0% AT 70 GYR	PFP
<b>PATCHING</b>		
CLASS D PATCHES (HMA BINDER IL-19 mm), 9"	4.0% AT 70 GYR	QC/QA
HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm), 3"	4.0% AT 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP).		

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA 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 SPECIAL PROVISIONS.  
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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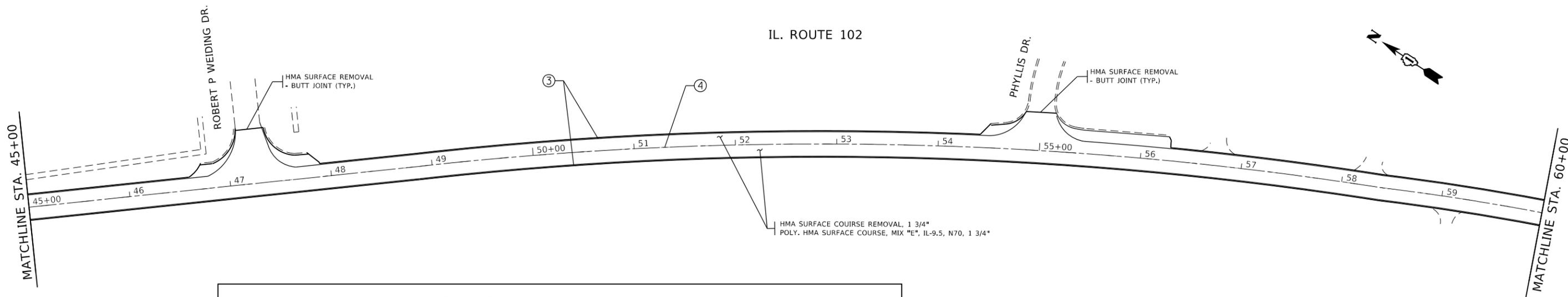
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)  
TYPICAL SECTION

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62L55				
ILLINOIS FED. AID PROJECT				



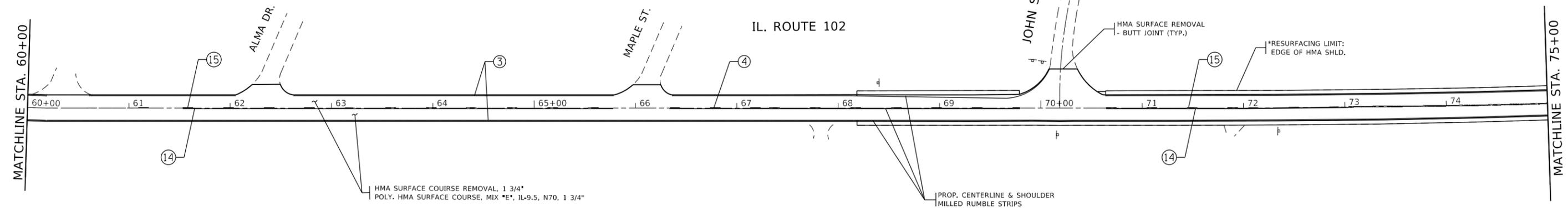


**LEGEND: PROPOSED PAVEMENT STRIPING**

\* = THERMOPLASTIC PAVEMENT MARKING -

<p>① * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>② * LINE 4" SOLID YELLOW LINE</p> <p>③ * LINE 4" SOLID WHITE EDGE LINE (TYP.)</p> <p>④ * LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p> <p>⑤ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)</p> <p>⑥ * LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)</p> <p>⑦ * LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)</p> <p>⑧ * LINE 24" SOLID WHITE STOP BAR (TYP.)</p> <p>⑨ * LETTERS &amp; SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP.)</p>	<p>⑩ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP), (SEE DISTRICT DETAIL TC-13 FOR SPACING)</p> <p>⑪ * LINE 8" SOLID WHITE GORE BORDEER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)</p> <p>⑫ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)</p> <p>⑬ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>⑭ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE</p> <p>⑮ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p>
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ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.



**NOTES:**

- EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.
- INSTALL SHOULDER RUMBLE STRIPS PER HWY STD. 642006.
- INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN**  
**IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

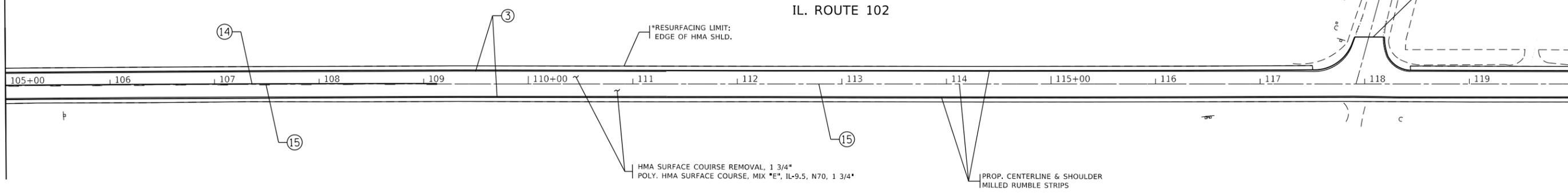
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	9
CONTRACT NO. 62L55				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 105+00

MATCHLINE STA. 120+00



BALLOU RD.

HMA SURFACE REMOVAL - BUTT JOINT (TYP.)

**LEGEND: PROPOSED PAVEMENT STRIPING**

\* = THERMOPLASTIC PAVEMENT MARKING -

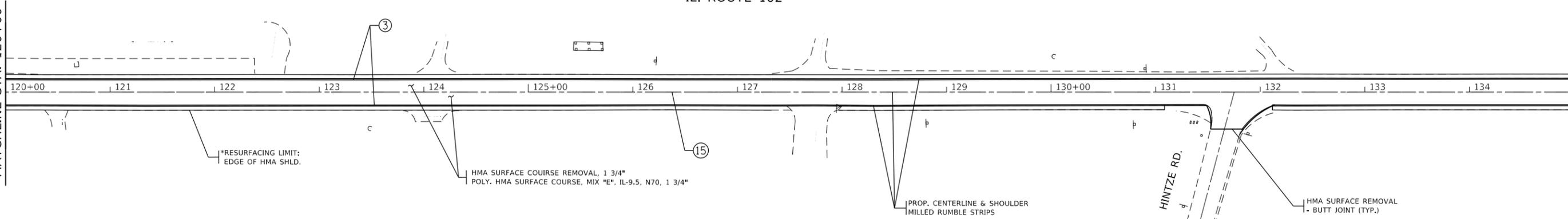
- (1) \* LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- (2) \* LINE 4" SOLID YELLOW LINE
- (3) \* LINE 4" SOLID WHITE EDGE LINE (TYP.)
- (4) \* LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
- (5) \* LINE 6" SOLID WHITE TURN LANE LINE (TYP.)
- (6) \* LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)
- (7) \* LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)
- (8) \* LINE 24" SOLID WHITE STOP BAR (TYP.)
- (9) \* LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- (10) \* LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- (11) \* LINE 8" SOLID WHITE GORE BORDER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)
- (12) \* LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)
- (13) \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- (14) \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE
- (15) \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.

**IL. ROUTE 102**

MATCHLINE STA. 120+00

MATCHLINE STA. 135+00



HINTZE RD.

HMA SURFACE REMOVAL - BUTT JOINT (TYP.)

- NOTES:
- EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.
  - INSTALL SHOULDER RUMBLE STRIPS PER HWY STD. 642006.
  - INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

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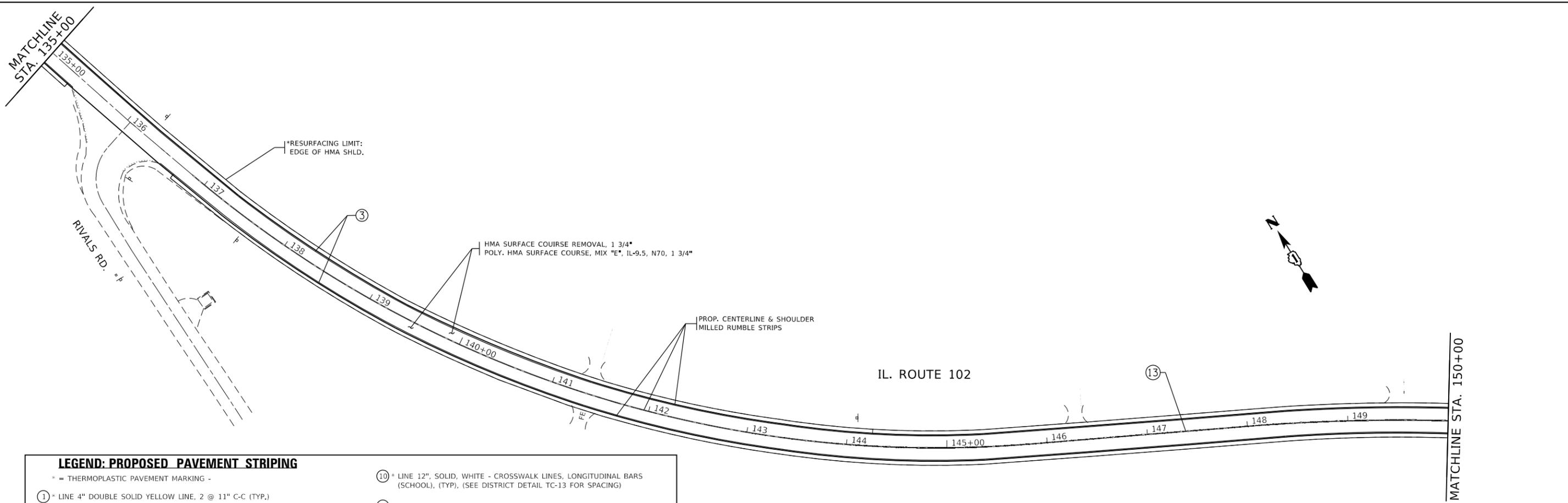
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN**  
**IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	11
CONTRACT NO. 62L55				
ILLINOIS   FED. AID PROJECT				



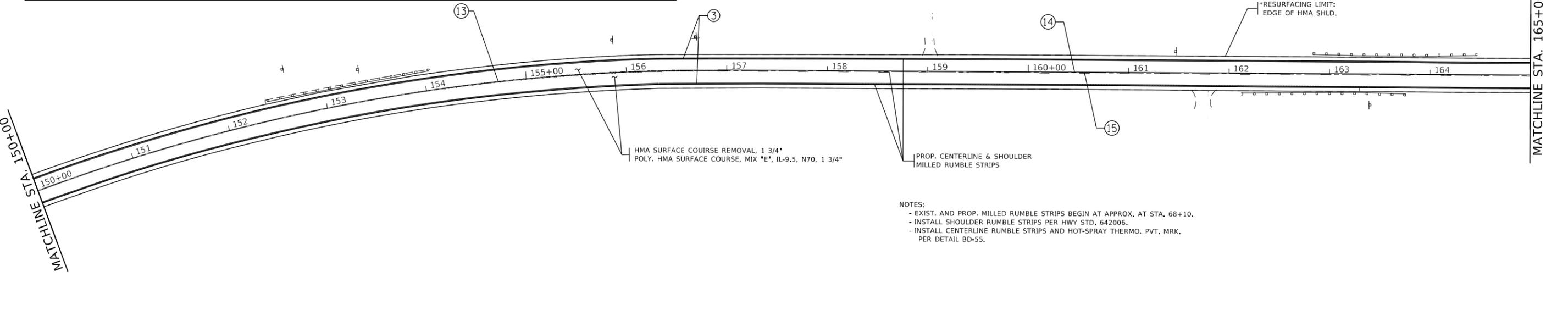
**LEGEND: PROPOSED PAVEMENT STRIPING**

\* = THERMOPLASTIC PAVEMENT MARKING -

① * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)	⑩ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP.), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
② * LINE 4" SOLID YELLOW LINE	⑪ * LINE 8" SOLID WHITE GORE BORDEER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)
③ * LINE 4" SOLID WHITE EDGE LINE (TYP.)	⑫ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)
④ * LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)	⑬ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
⑤ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)	⑭ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE
⑥ * LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)	⑮ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
⑦ * LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)	
⑧ * LINE 24" SOLID WHITE STOP BAR (TYP.)	
⑨ * LETTERS & SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP)	

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.

IL. ROUTE 102



NOTES:  
 - EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.  
 - INSTALL SHOULDER RUMBLE STRIPS PER HWY STD. 642006.  
 - INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

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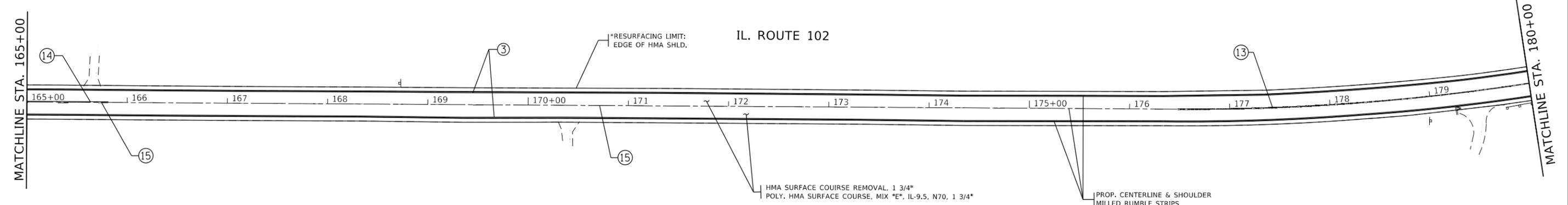
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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY & PAVEMENT MARKING PLAN  
 IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)  
 SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	12
CONTRACT NO. 62L55			ILLINOIS FED. AID PROJECT	

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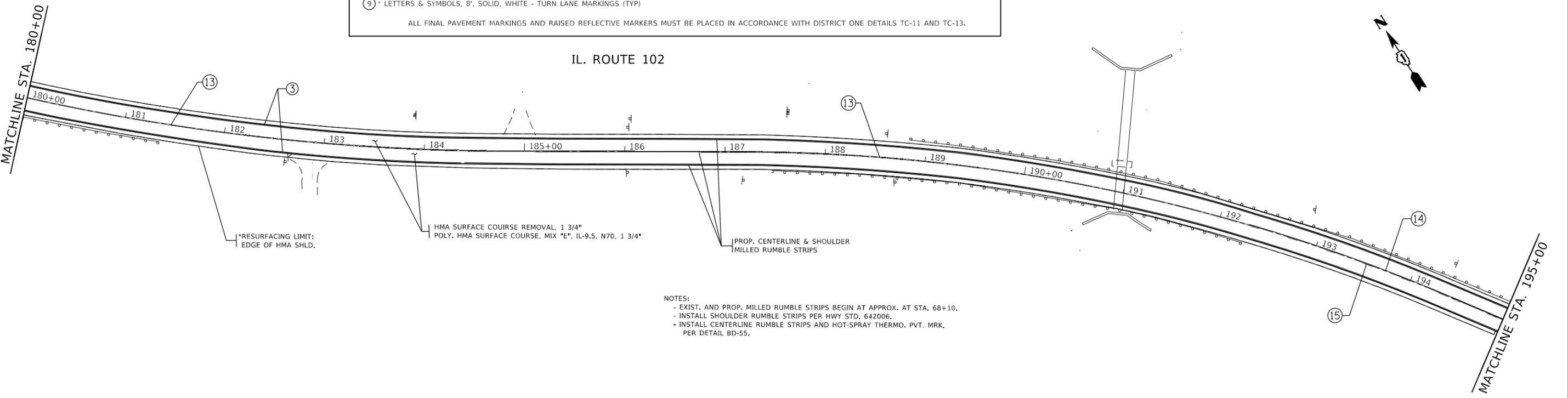


**LEGEND: PROPOSED PAVEMENT STRIPING**

\* = THERMOPLASTIC PAVEMENT MARKING -

<p>① * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>② * LINE 4" SOLID YELLOW LINE</p> <p>③ * LINE 4" SOLID WHITE EDGE LINE (TYP.)</p> <p>④ * LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p> <p>⑤ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)</p> <p>⑥ * LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)</p> <p>⑦ * LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)</p> <p>⑧ * LINE 24" SOLID WHITE STOP BAR (TYP.)</p> <p>⑨ * LETTERS &amp; SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)</p>	<p>⑩ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP), (SEE DISTRICT DETAIL TC-13 FOR SPACING)</p> <p>⑪ * LINE 8" SOLID WHITE GORE BORDER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)</p> <p>⑫ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)</p> <p>⑬ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>⑭ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE</p> <p>⑮ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p>
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ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.



NOTES:

- EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.
- INSTALL SHOULDER RUMBLE STRIPS PER HWY STD. 642006.
- INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

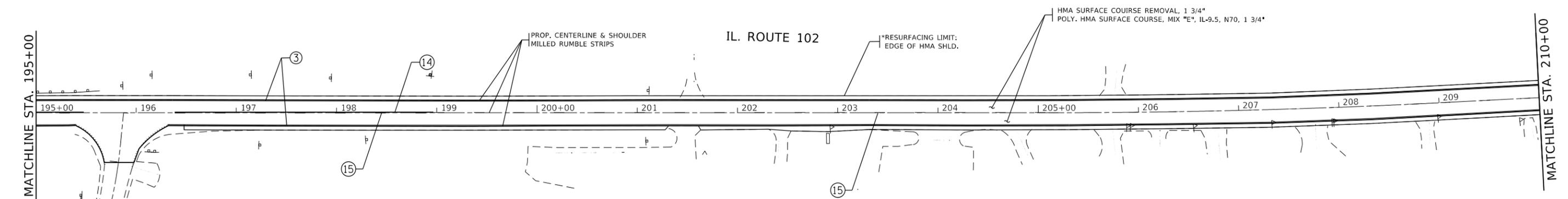
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN  
IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	13
CONTRACT NO. 62L55				
		ILLINOIS	FED. AID PROJECT	

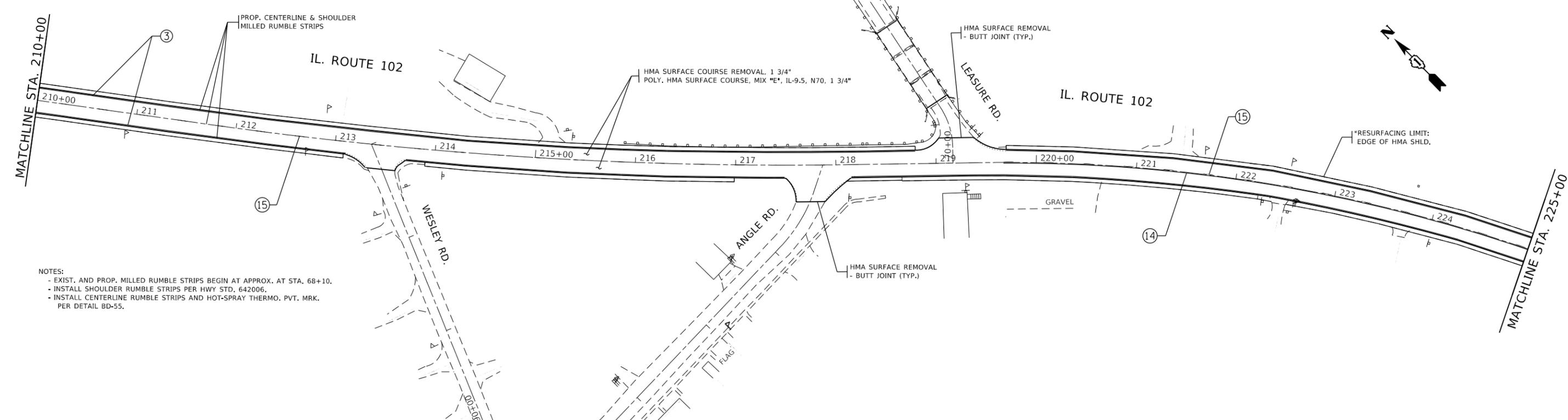


**LEGEND: PROPOSED PAVEMENT STRIPING**

\* = THERMOPLASTIC PAVEMENT MARKING -

<p>① * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>② * LINE 4" SOLID YELLOW LINE</p> <p>③ * LINE 4" SOLID WHITE EDGE LINE (TYP.)</p> <p>④ * LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p> <p>⑤ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)</p> <p>⑥ * LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)</p> <p>⑦ * LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)</p> <p>⑧ * LINE 24" SOLID WHITE STOP BAR (TYP.)</p> <p>⑨ * LETTERS &amp; SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)</p>	<p>⑩ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP.). (SEE DISTRICT DETAIL TC-13 FOR SPACING)</p> <p>⑪ * LINE 8" SOLID WHITE GORE BORDEER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)</p> <p>⑫ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)</p> <p>⑬ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>⑭ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE</p> <p>⑮ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p>
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ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.



**NOTES:**

- EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.
- INSTALL SHOULDER RUMBLE STRIPS PER HWY STD, 642006.
- INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

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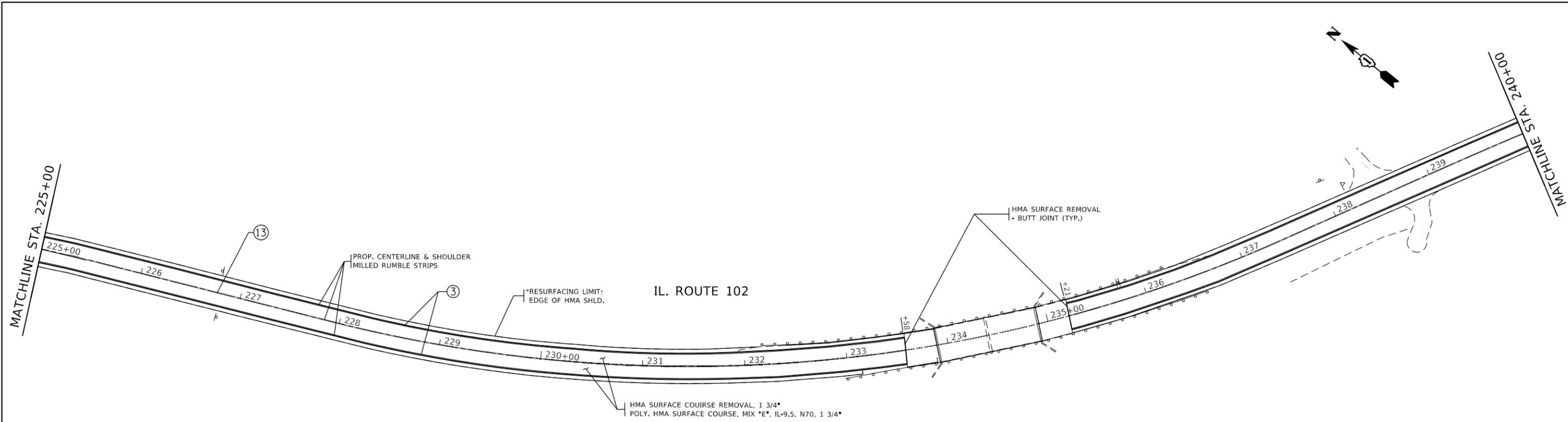
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN  
IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

SCALE: 1"=50'      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	14
CONTRACT NO. 62L55				
ILLINOIS   FED. AID PROJECT				

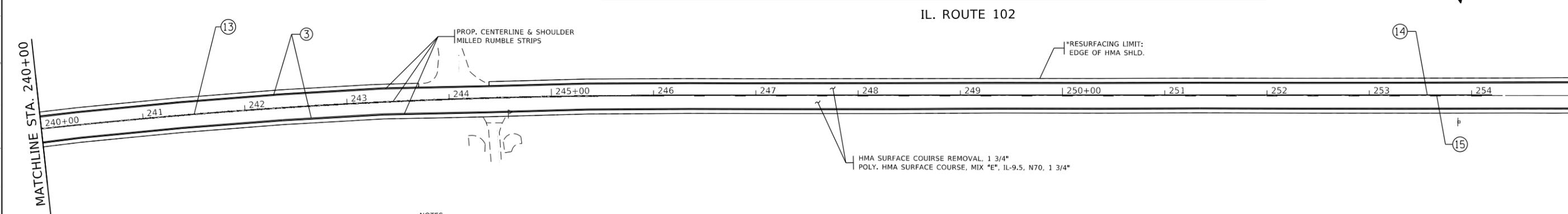


**LEGEND: PROPOSED PAVEMENT STRIPING**

\* = THERMOPLASTIC PAVEMENT MARKING -

① * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)	⑩ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP.), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
② * LINE 4" SOLID YELLOW LINE	⑪ * LINE 8" SOLID WHITE GORE BORDEER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)
③ * LINE 4" SOLID WHITE EDGE LINE (TYP.)	⑫ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)
④ * LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)	⑬ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
⑤ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)	⑭ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE
⑥ * LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)	⑮ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
⑦ * LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)	
⑧ * LINE 24" SOLID WHITE STOP BAR (TYP.)	
⑨ * LETTERS & SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP)	

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.



NOTES:  
 - EXIST, AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.  
 - INSTALL SHOULDER RUMBLE STRIPS PER HWY STD. 642006.  
 - INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

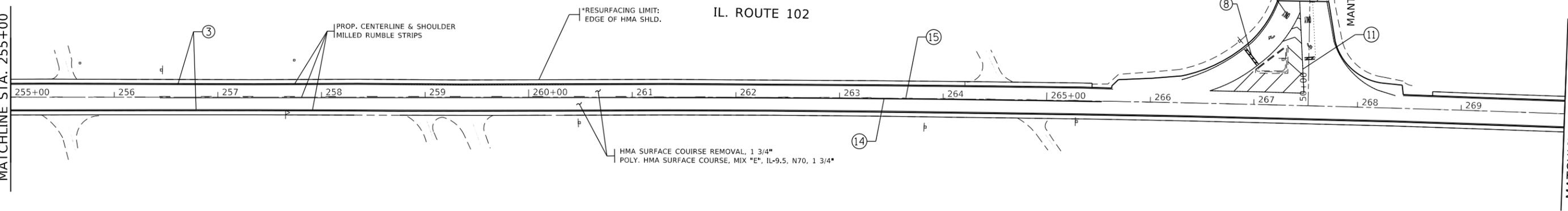
<b>ROADWAY &amp; PAVEMENT MARKING PLAN</b>			
<b>IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)</b>			
SCALE: 1"=50'	SHEET	OF	SHEETS
STA.	TO	STA.	

F.A.P. RTE. 631	SECTION 2020-077-R5-SW&SR	COUNTY WILL	TOTAL SHEETS 40	SHEET NO. 15
CONTRACT NO. 62L55				
ILLINOIS FED. AID PROJECT				

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MATCHLINE STA. 255+00

MATCHLINE STA. 270+00



**LEGEND: PROPOSED PAVEMENT STRIPING**

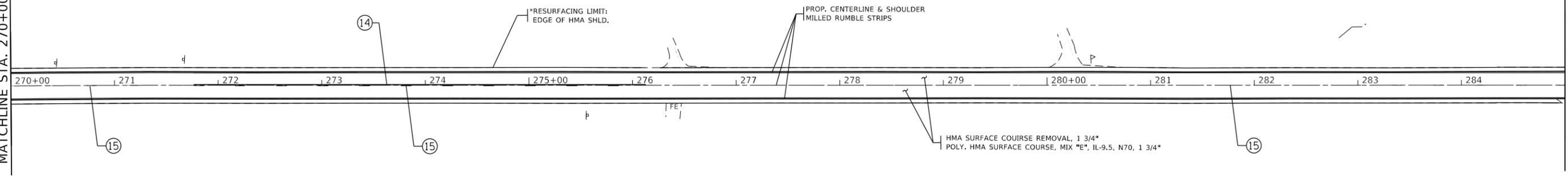
- \* = THERMOPLASTIC PAVEMENT MARKING -
- ① \* LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- ② \* LINE 4" SOLID YELLOW LINE
- ③ \* LINE 4" SOLID WHITE EDGE LINE (TYP.)
- ④ \* LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
- ⑤ \* LINE 6" SOLID WHITE TURN LANE LINE (TYP.)
- ⑥ \* LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)
- ⑦ \* LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)
- ⑧ \* LINE 24" SOLID WHITE STOP BAR (TYP.)
- ⑨ \* LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ⑩ \* LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP). (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑪ \* LINE 8" SOLID WHITE GORE BORDEER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)
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- ⑬ \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- ⑭ \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE
- ⑮ \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.

- NOTES:
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  - INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

MATCHLINE STA. 270+00

MATCHLINE STA. 285+00

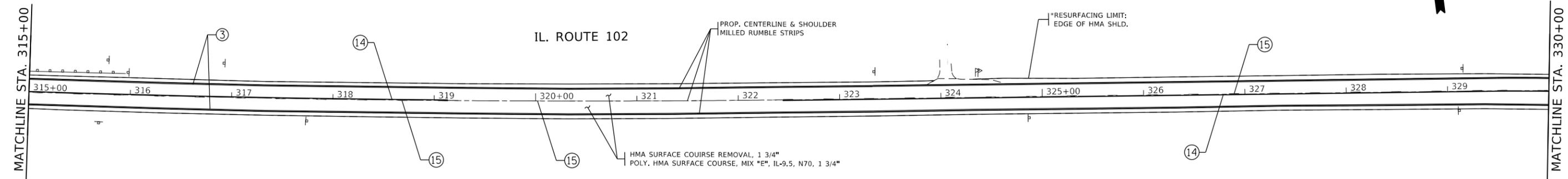


**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN**  
**IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**  
 SCALE: 1"=50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	16
CONTRACT NO. 62L55				
ILLINOIS FED. AID PROJECT				





**LEGEND: PROPOSED PAVEMENT STRIPING**

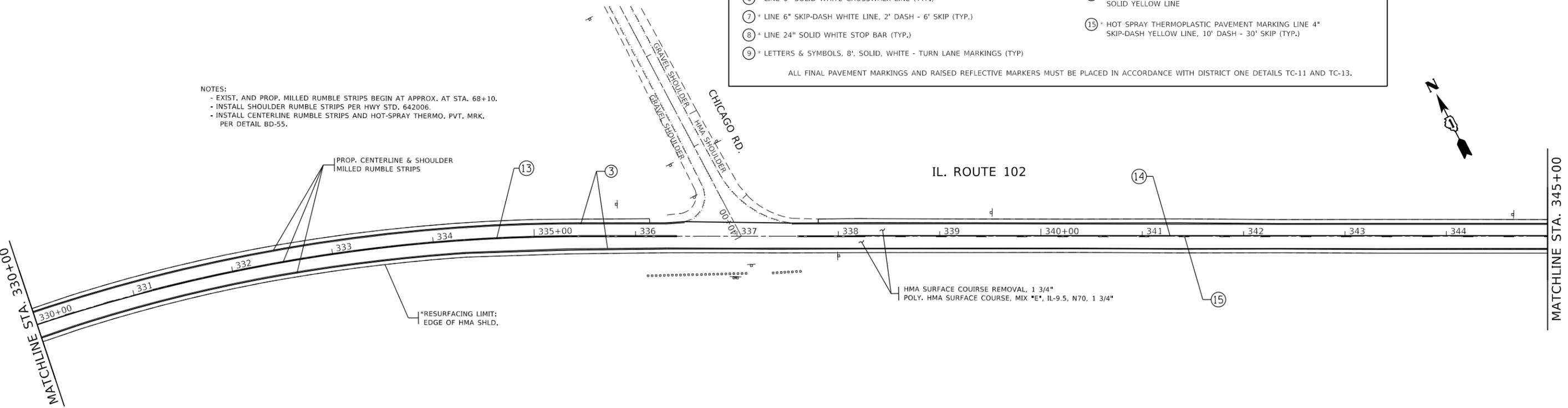
\* = THERMOPLASTIC PAVEMENT MARKING -

<p>① * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>② * LINE 4" SOLID YELLOW LINE</p> <p>③ * LINE 4" SOLID WHITE EDGE LINE (TYP.)</p> <p>④ * LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p> <p>⑤ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)</p> <p>⑥ * LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)</p> <p>⑦ * LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)</p> <p>⑧ * LINE 24" SOLID WHITE STOP BAR (TYP.)</p> <p>⑨ * LETTERS &amp; SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP.)</p>	<p>⑩ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP.), (SEE DISTRICT DETAIL TC-13 FOR SPACING)</p> <p>⑪ * LINE 8" SOLID WHITE GORE BORDER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)</p> <p>⑫ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)</p> <p>⑬ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)</p> <p>⑭ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE</p> <p>⑮ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)</p>
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ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.

**NOTES:**

- EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.
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- INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.



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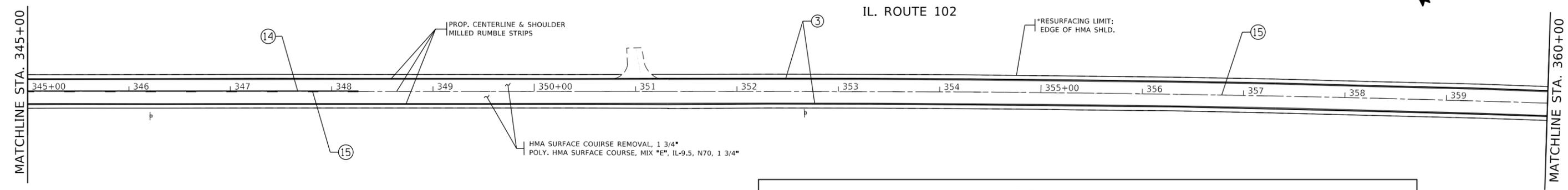
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN  
IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	18
CONTRACT NO. 62L55				
ILLINOIS FED. AID PROJECT				

SCALE: 1"=50'      SHEET OF SHEETS      STA. TO STA.



**LEGEND: PROPOSED PAVEMENT STRIPING**

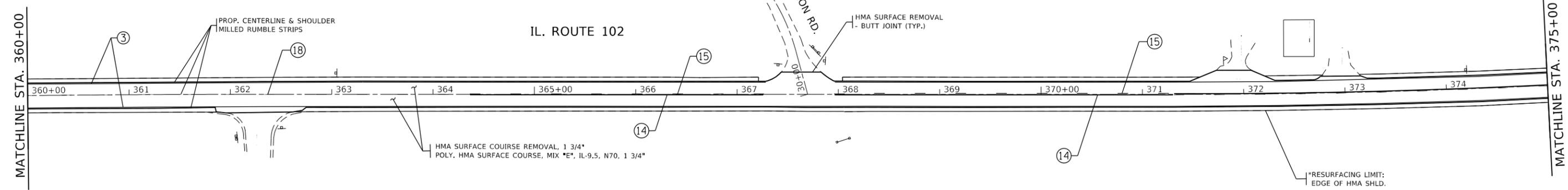
\* = THERMOPLASTIC PAVEMENT MARKING -

① * LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)	⑩ * LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP.), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
② * LINE 4" SOLID YELLOW LINE	⑪ * LINE 8" SOLID WHITE GORE BORDEER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)
③ * LINE 4" SOLID WHITE EDGE LINE (TYP.)	⑫ * LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)
④ * LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)	⑬ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
⑤ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)	⑭ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE
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⑨ * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)	

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.

**NOTES:**

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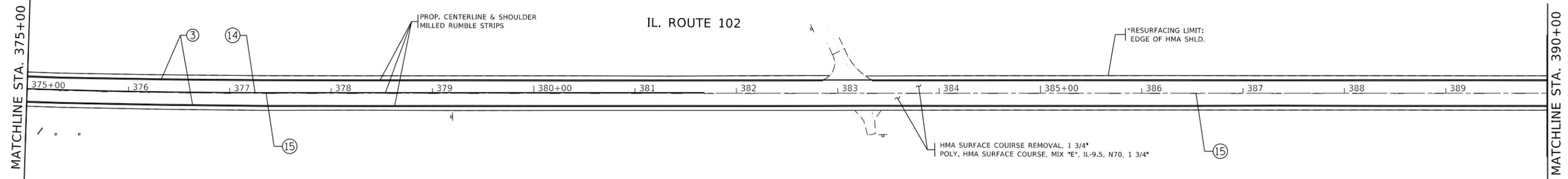
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN  
IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	19
CONTRACT NO. 62L55				
ILLINOIS FED. AID PROJECT				



**LEGEND: PROPOSED PAVEMENT STRIPING**

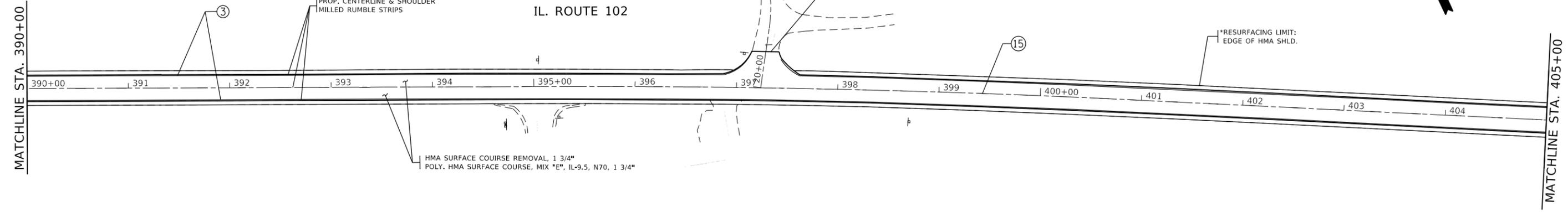
\* = THERMOPLASTIC PAVEMENT MARKING -

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④ * LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)	⑬ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
⑤ * LINE 6" SOLID WHITE TURN LANE LINE (TYP.)	⑭ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE
⑥ * LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)	⑮ * HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
⑦ * LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)	
⑧ * LINE 24" SOLID WHITE STOP BAR (TYP.)	
⑨ * LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP)	

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.

**NOTES:**

- EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.
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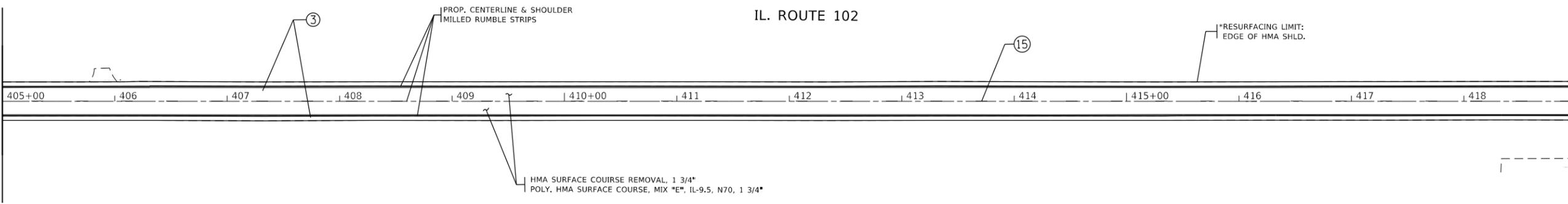
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN  
IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	20
CONTRACT NO. 62L55				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 405+00



MATCHLINE STA. 419+00

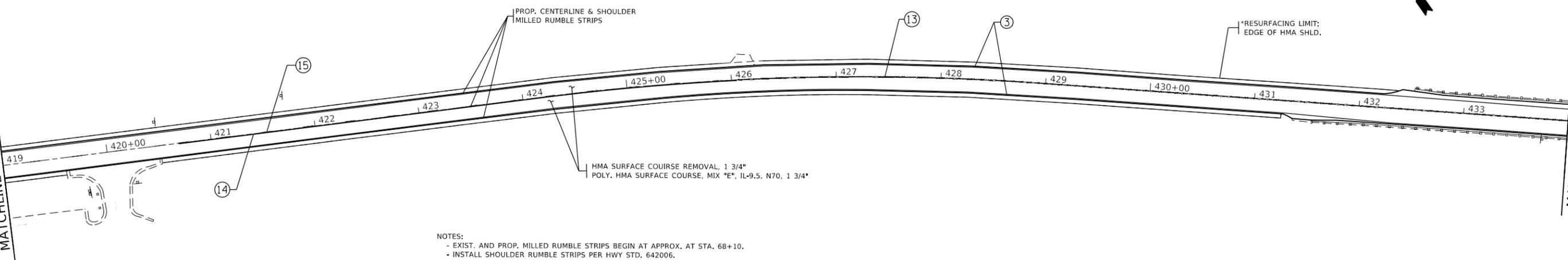
**LEGEND: PROPOSED PAVEMENT STRIPING**

- \* = THERMOPLASTIC PAVEMENT MARKING -
- ① \* LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
  - ② \* LINE 4" SOLID YELLOW LINE
  - ③ \* LINE 4" SOLID WHITE EDGE LINE (TYP.)
  - ④ \* LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
  - ⑤ \* LINE 6" SOLID WHITE TURN LANE LINE (TYP.)
  - ⑥ \* LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)
  - ⑦ \* LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)
  - ⑧ \* LINE 24" SOLID WHITE STOP BAR (TYP.)
  - ⑨ \* LETTERS & SYMBOLS, 8', SOLID, WHITE - TURN LANE MARKINGS (TYP.)
  - ⑩ \* LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP.), (SEE DISTRICT DETAIL TC-13 FOR SPACING)
  - ⑪ \* LINE 8" SOLID WHITE GORE BORDEER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)
  - ⑫ \* LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)
  - ⑬ \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
  - ⑭ \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE
  - ⑮ \* HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.

IL. ROUTE 102

MATCHLINE STA. 419+00



MATCHLINE STA. 434+00

- NOTES:
- EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.
  - INSTALL SHOULDER RUMBLE STRIPS PER HWY STD. 642006.
  - INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

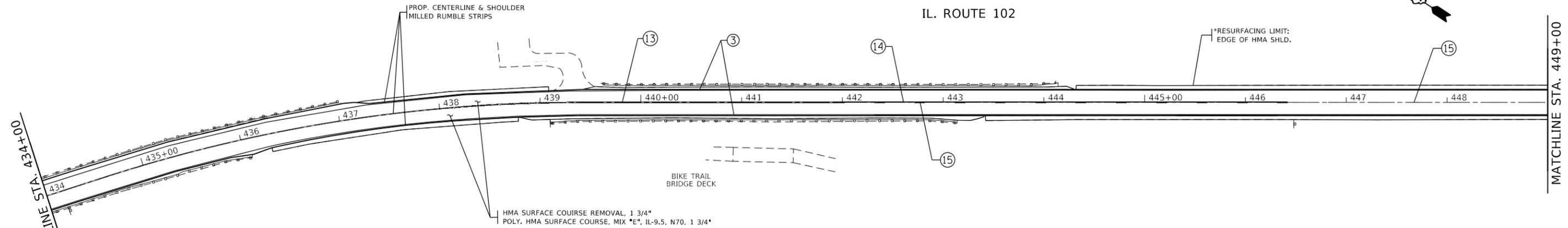
**ROADWAY & PAVEMENT MARKING PLAN  
IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	21
CONTRACT NO. 62L55				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 434+00

MATCHLINE STA. 449+00



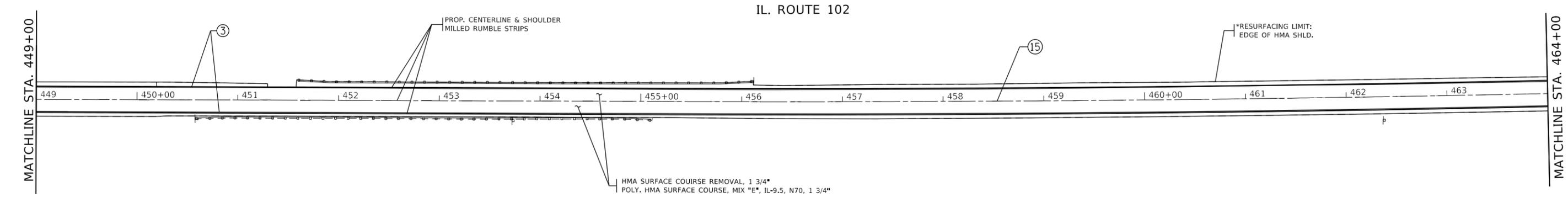
**LEGEND: PROPOSED PAVEMENT STRIPING**

- \* = THERMOPLASTIC PAVEMENT MARKING -
- ① LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- ② LINE 4" SOLID YELLOW LINE
- ③ LINE 4" SOLID WHITE EDGE LINE (TYP.)
- ④ LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
- ⑤ LINE 6" SOLID WHITE TURN LANE LINE (TYP.)
- ⑥ LINE 6" SOLID WHITE CROSSWALK LINE (TYP.)
- ⑦ LINE 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)
- ⑧ LINE 24" SOLID WHITE STOP BAR (TYP.)
- ⑨ LETTERS & SYMBOLS, 8", SOLID, WHITE - TURN LANE MARKINGS (TYP.)
- ⑩ LINE 12", SOLID, WHITE - CROSSWALK LINES, LONGITUDINAL BARS (SCHOOL), (TYP.). (SEE DISTRICT DETAIL TC-13 FOR SPACING)
- ⑪ LINE 8" SOLID WHITE GORE BORDEER MARKING AND CHANNELIZING LINES, 12" CHEVRON MARKING, WHITE, INSIDE GORE (TYP.)
- ⑫ LINE 12", YELLOW PAINTED MEDIAN DIAGONAL LINES, 45°, (TYP.)
- ⑬ HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)
- ⑭ HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SOLID YELLOW LINE
- ⑮ HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE 4" SKIP-DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)

ALL FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE MARKERS MUST BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13.

MATCHLINE STA. 449+00

MATCHLINE STA. 464+00



- NOTES:
- EXIST. AND PROP. MILLED RUMBLE STRIPS BEGIN AT APPROX. AT STA. 68+10.
  - INSTALL SHOULDER RUMBLE STRIPS PER HWY STD. 642006.
  - INSTALL CENTERLINE RUMBLE STRIPS AND HOT-SPRAY THERMO. PVT. MRK. PER DETAIL BD-55.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY & PAVEMENT MARKING PLAN  
IL. ROUTE 102 (WATER ST.) (RYAN ST. - KANKAKEE CO. LINE)**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 631	SECTION 2020-077-R5-SW&SR	COUNTY WILL	TOTAL SHEETS 40	SHEET NO. 22
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L55	

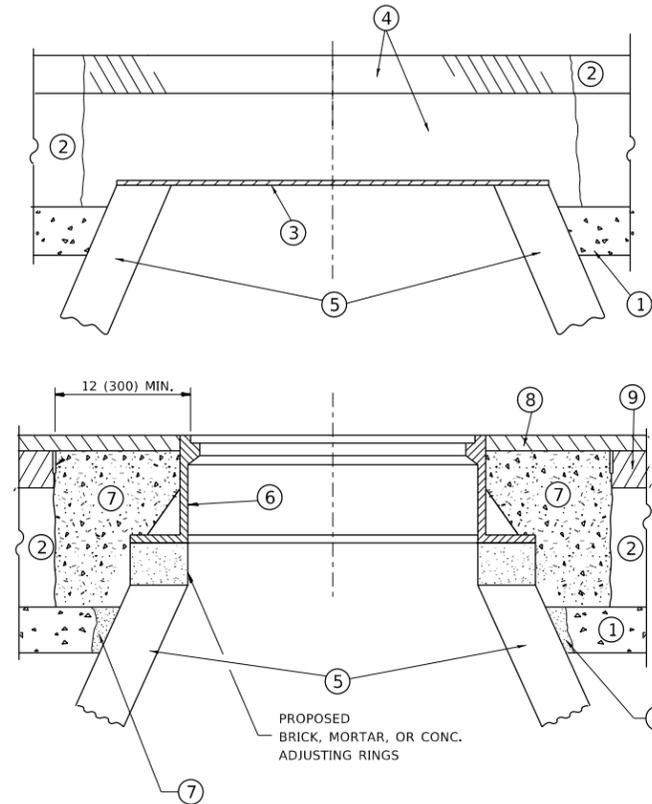












**NOTES**

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.

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.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

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.

**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 A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

**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-1 \* 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-1 \*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**

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).\*

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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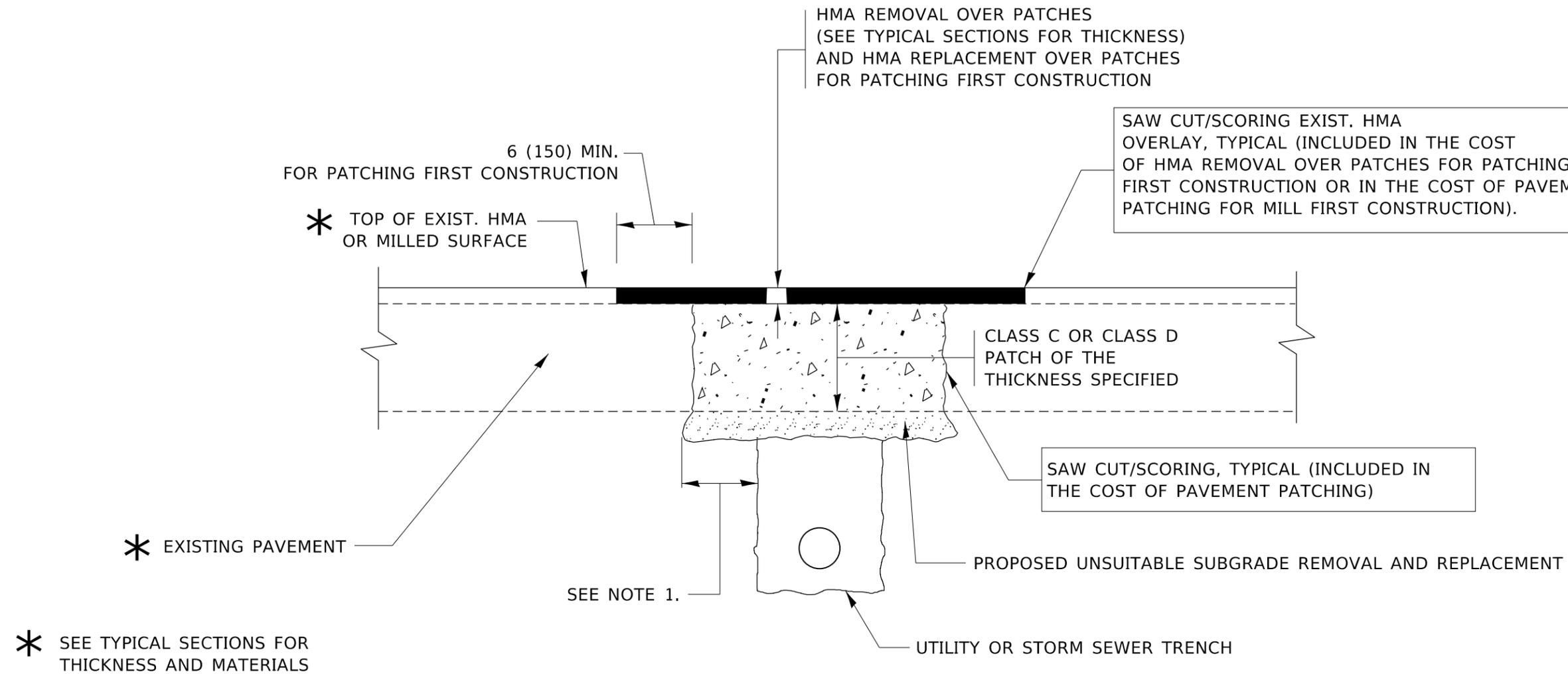
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PLOT DATE = 10/15/2020	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	28
<b>BD600-03 (BD-8)</b>		CONTRACT NO. 62L55		
ILLINOIS		FED. AID PROJECT		



**NOTES:**

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

**SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

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

**SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

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

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

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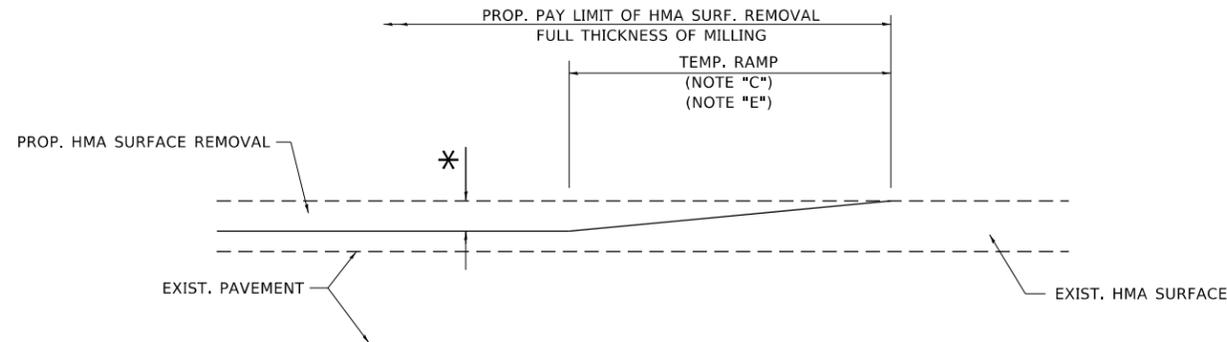
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT

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

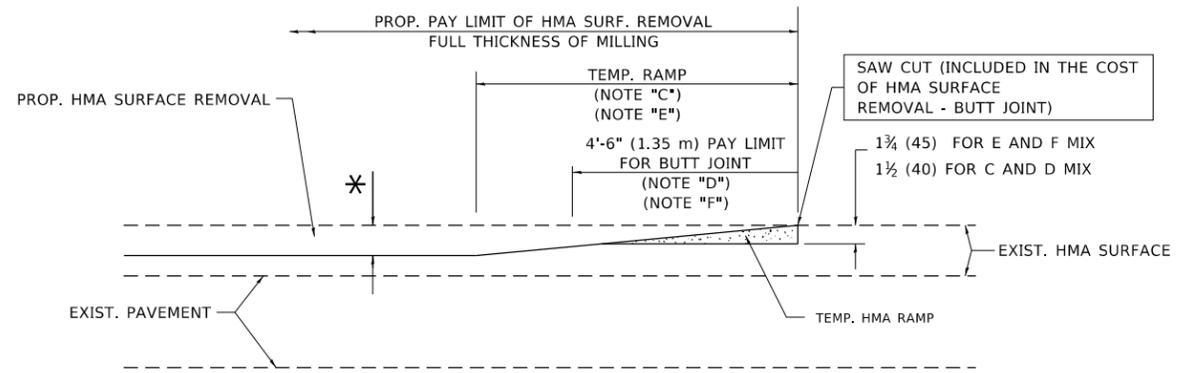
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631	2020-077-R5-SW&SR	WILL	40	29
BD400-04 (BD-22)			CONTRACT NO. 62L55	
ILLINOIS FED. AID PROJECT				





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

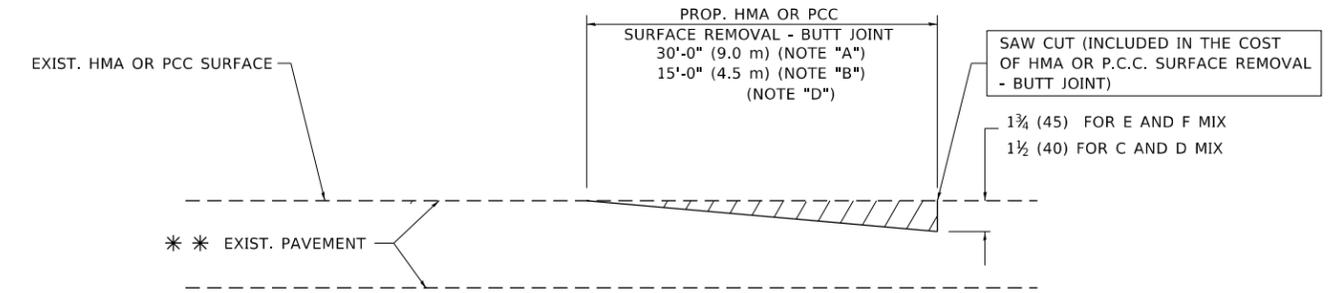
**OPTION 1**



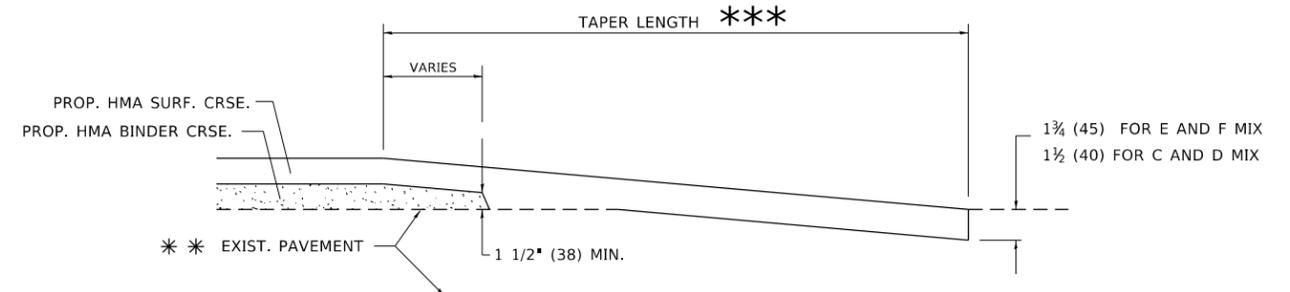
**HMA CONSTRUCTED TEMPORARY RAMP**  
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**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.

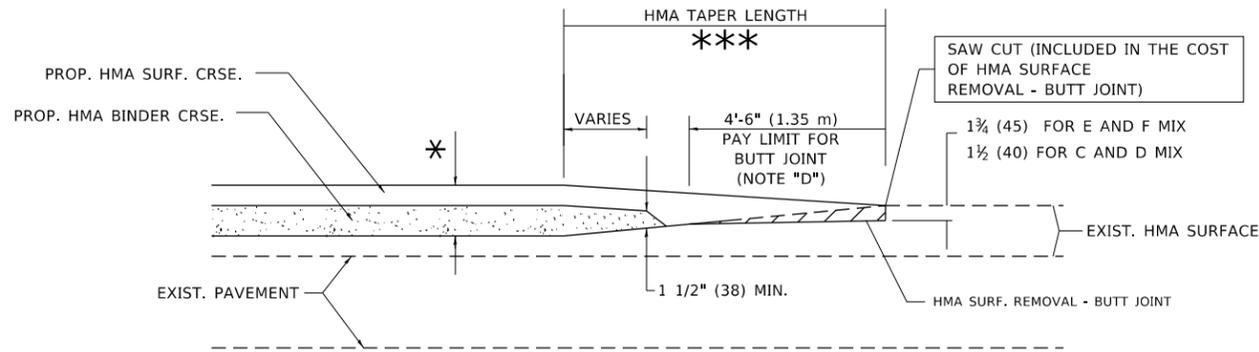
**NOTES**

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- 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'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".  
\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")  
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

**BASIS OF PAYMENT**

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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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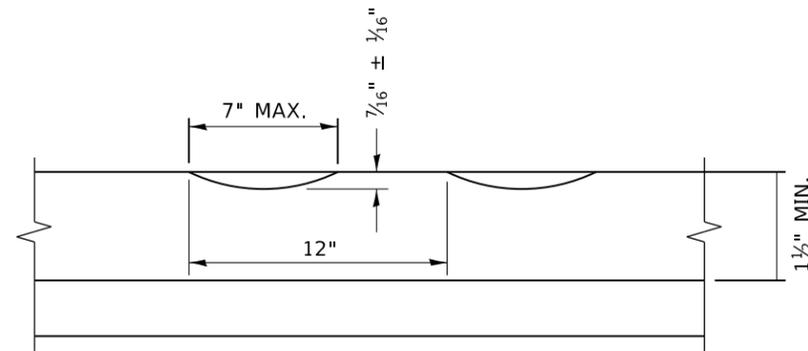
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

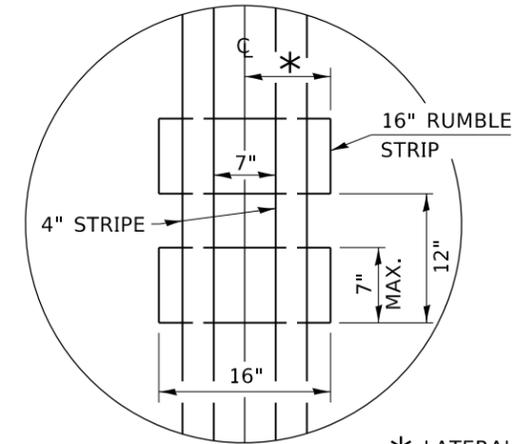
**BUTT JOINT AND HMA TAPER DETAILS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	31
<b>BD400-05 BD32</b>		CONTRACT NO. 62L55		
ILLINOIS FED. AID PROJECT				



**SECTION A-A**



\* LATERAL DEVIATION SHALL NOT EXCEED ONE INCH IN 100 FEET.

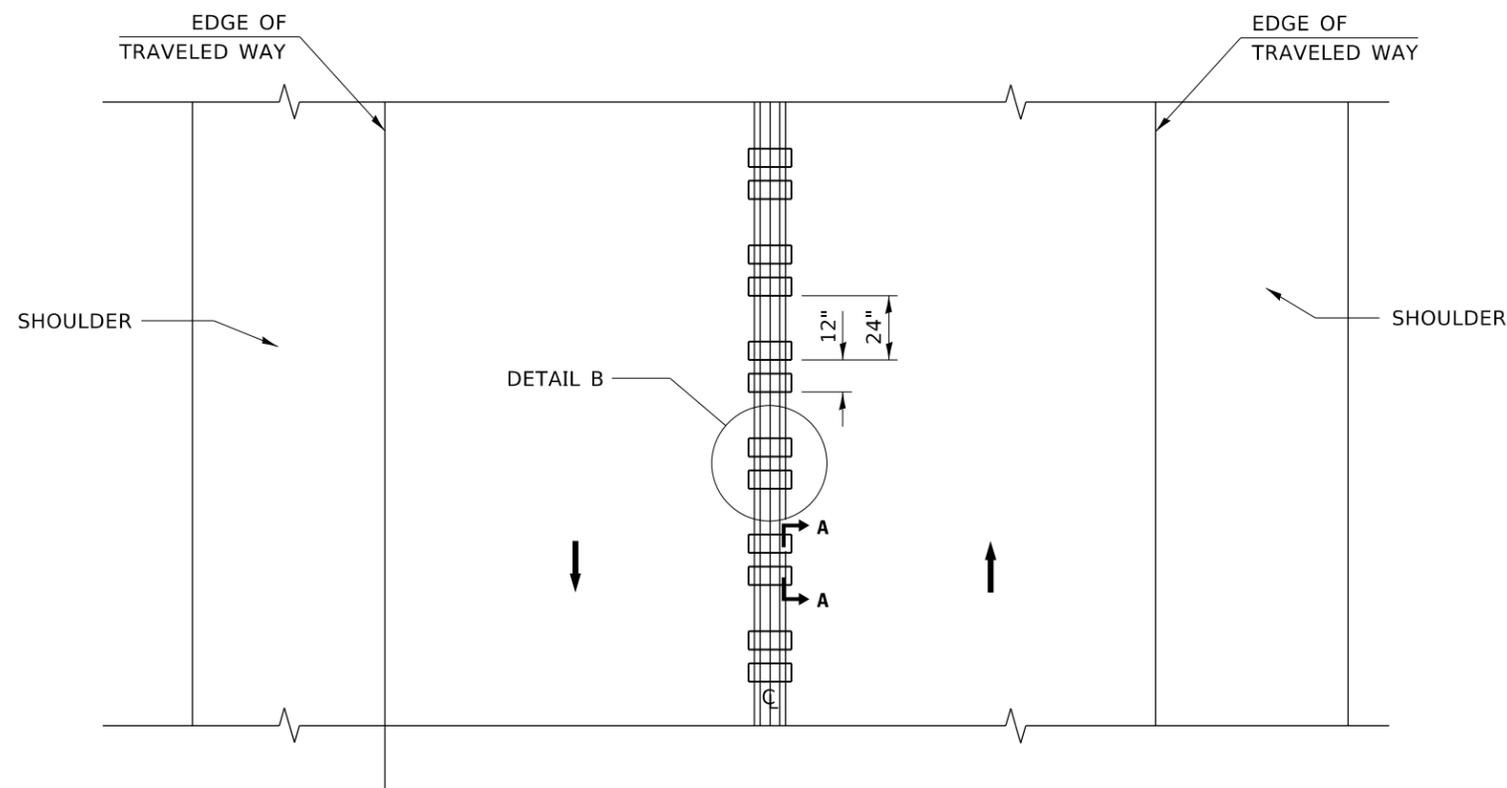
**DETAIL B**

**GENERAL NOTES**

- CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.
- SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS.
- RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.
- ALL RUMBLE STRIPS SHALL BE MILLED.
- CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.
- DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.
- AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.
- WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

**BASIS OF PAYMENT**

- THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.
- HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



**TWO-WAY ROAD**

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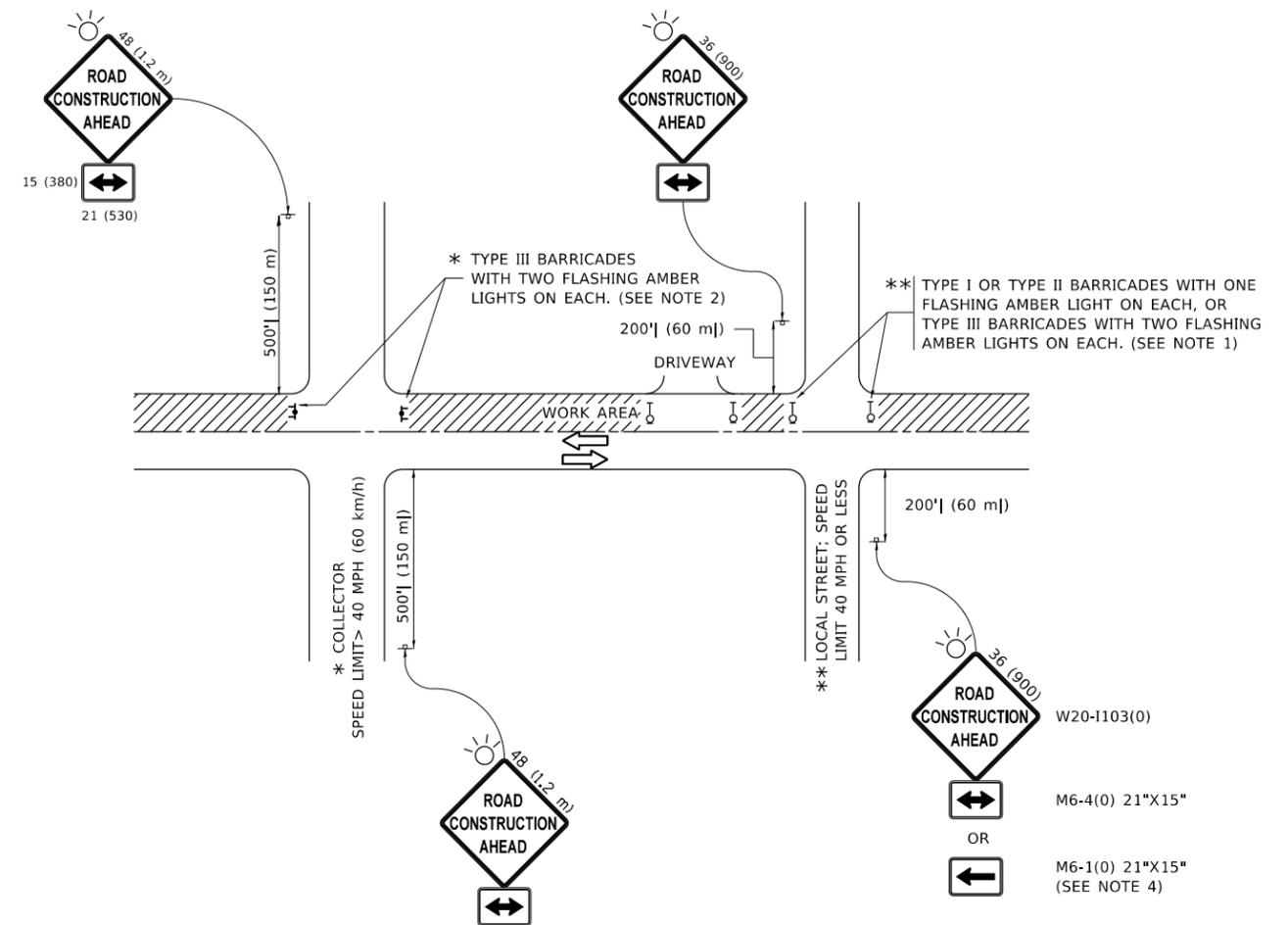
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PLOT DATE = 10/15/2020	DATE - 08-06-2012	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	32
<b>BD 55</b>			CONTRACT NO. 62L55	
ILLINOIS FED. AID PROJECT				



**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) 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. 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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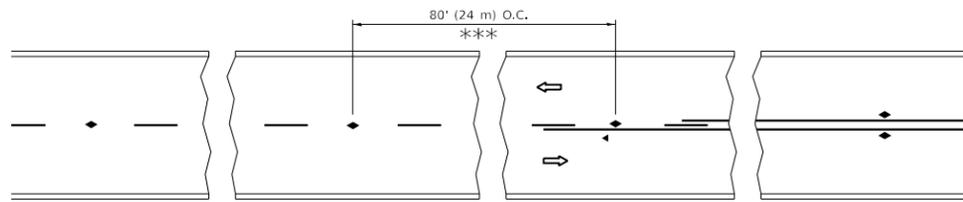
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		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

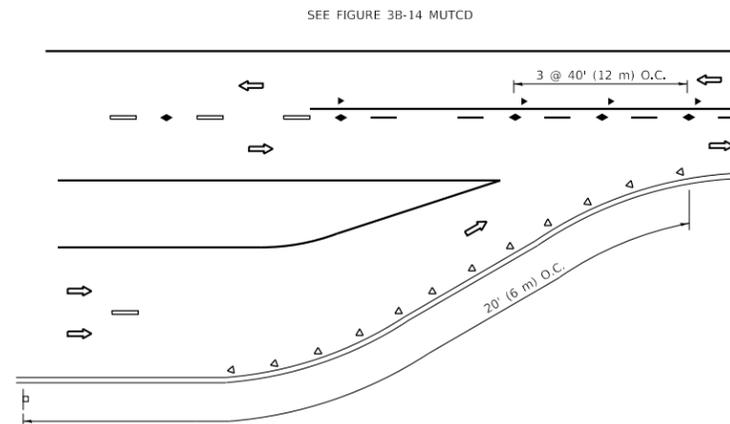
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TC-10</b>			CONTRACT NO. 62L55	
ILLINOIS FED. AID PROJECT				

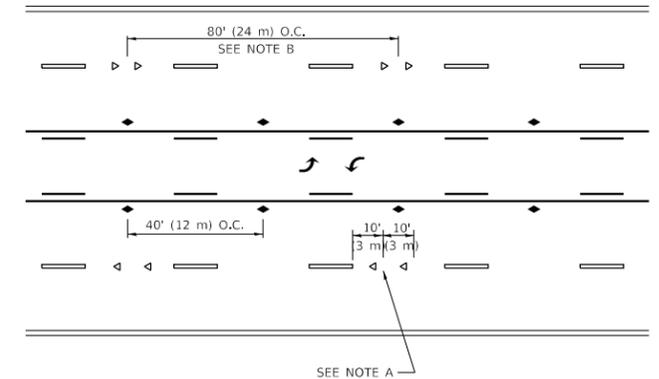


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

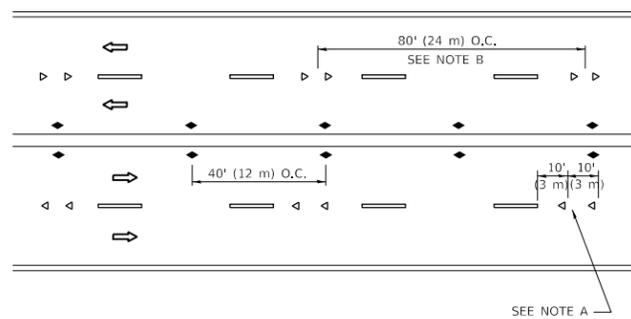
### TWO-LANE/TWO-WAY



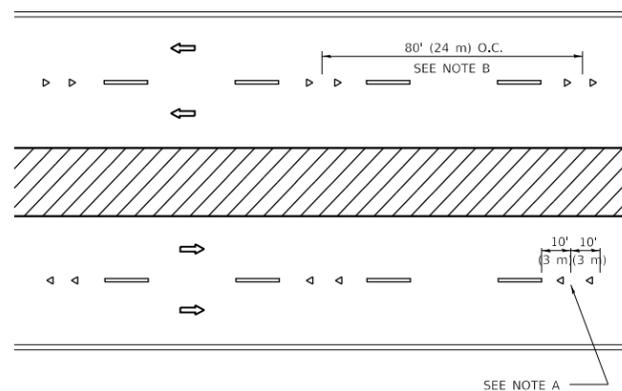
### LANE REDUCTION TRANSITION



### TWO-WAY LEFT TURN



### MULTI-LANE/UNDIVIDED



### MULTI-LANE/DIVIDED

### GENERAL NOTES

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

### SYMBOLS

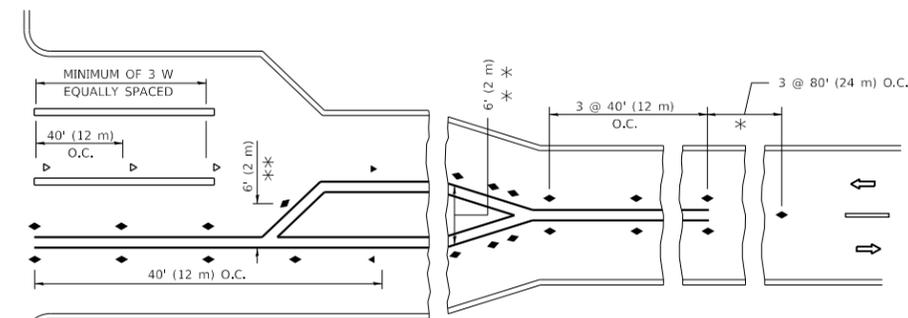
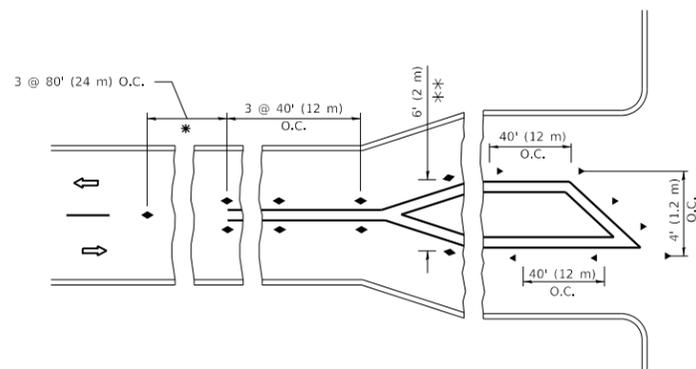
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

### LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. 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

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



### TURN LANES

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

MODEL: Default  
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 10/15/2020	DATE -	REVISED - C. JUCIUS 07-01-13

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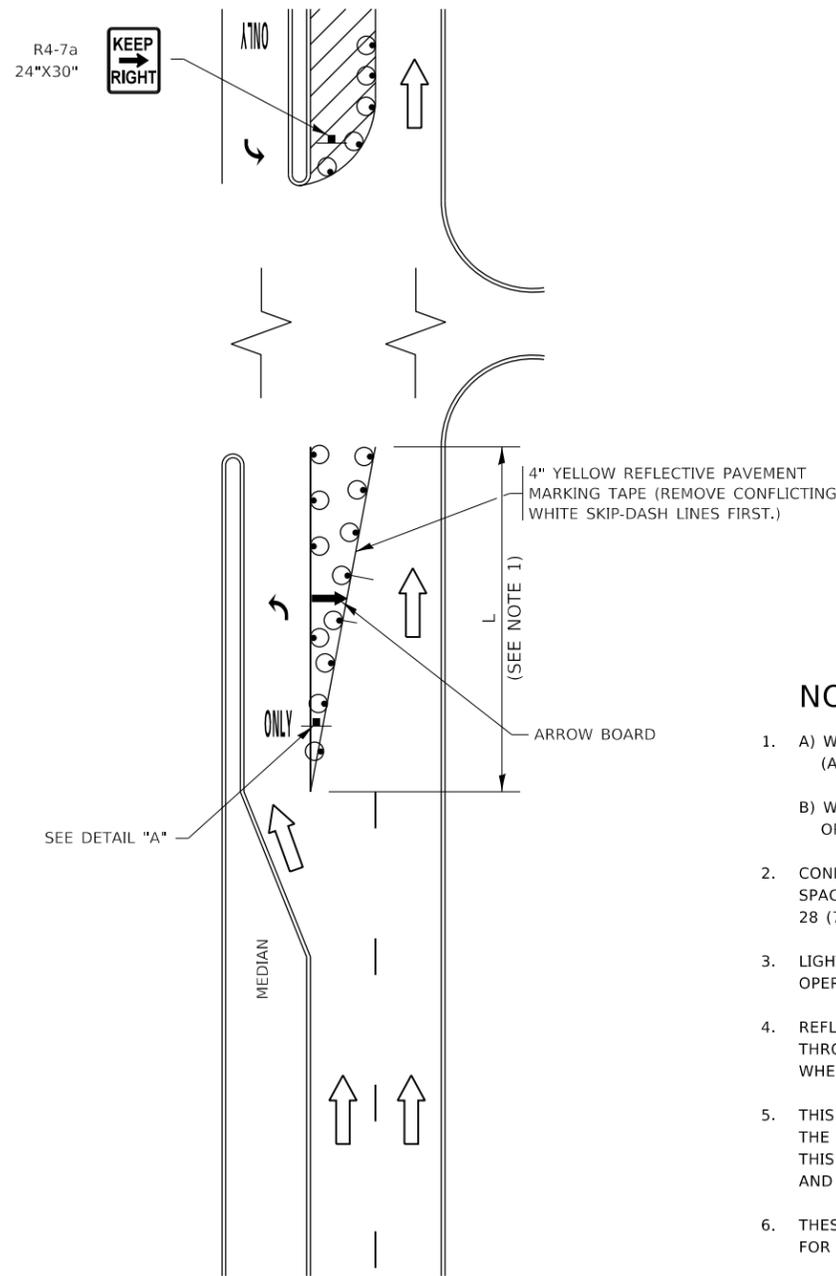
TYPICAL APPLICATIONS  
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	34
TC-11			CONTRACT NO. 62L55	
ILLINOIS		FED. AID PROJECT		

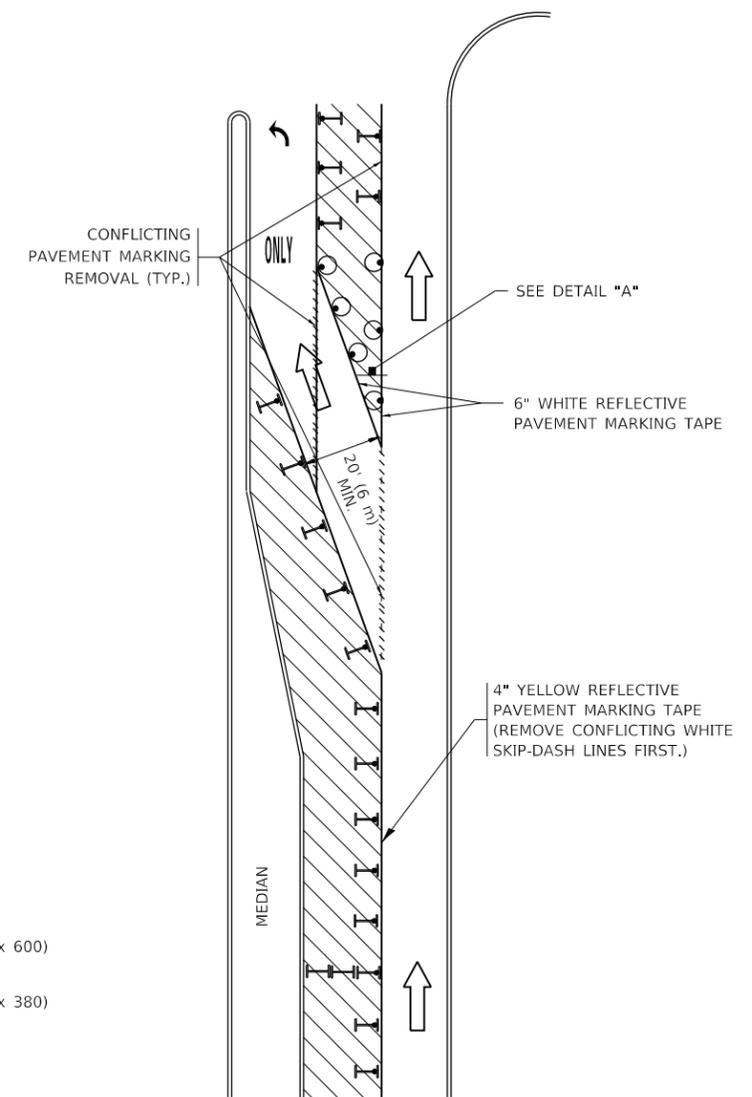


# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



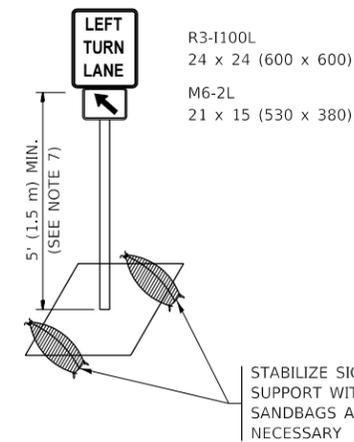
**FIGURE 2**

## LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  ARROW BOARD
-  TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  SIGN ASSEMBLY
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

## NOTES:

1. A) WHEN "L" IS  $\leq$  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.



**DETAIL A**

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

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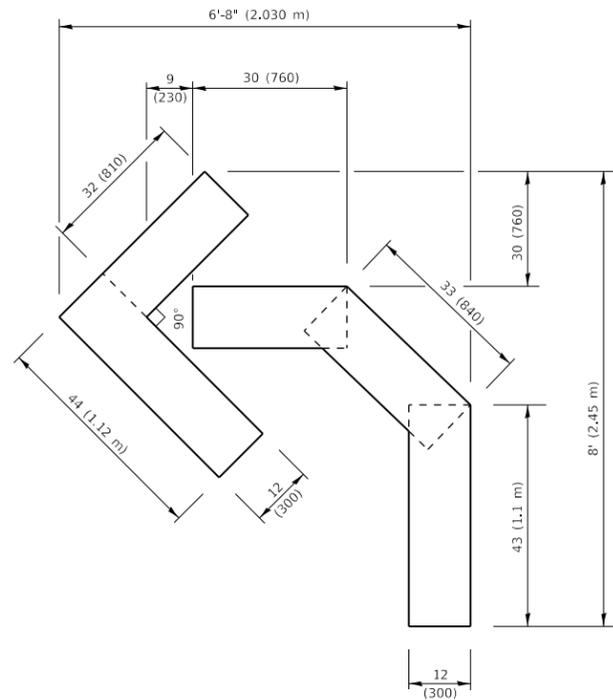
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 10/15/2020	DATE - T. RAMMACHER 01-06-00	REVISED -

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

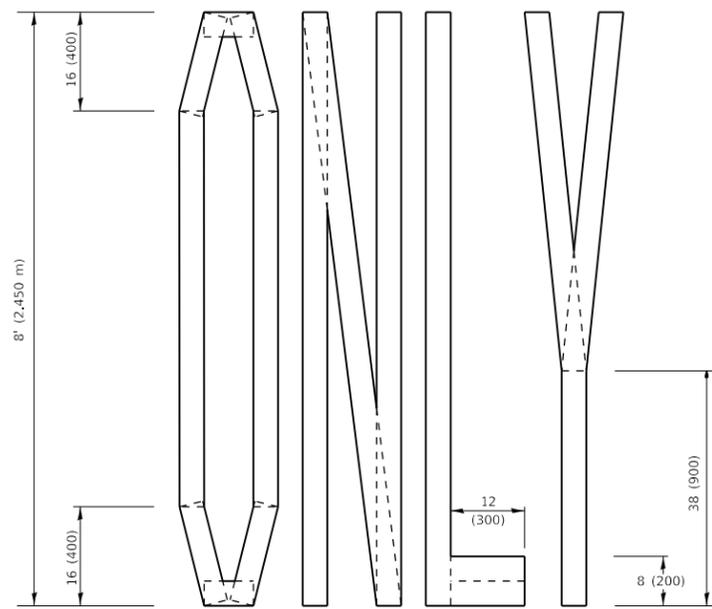
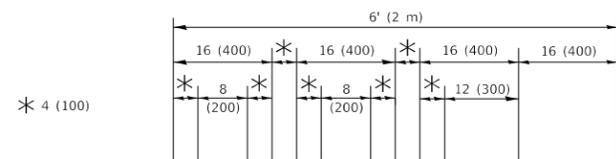
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-14		CONTRACT NO. 62L55		
ILLINOIS FED. AID PROJECT				



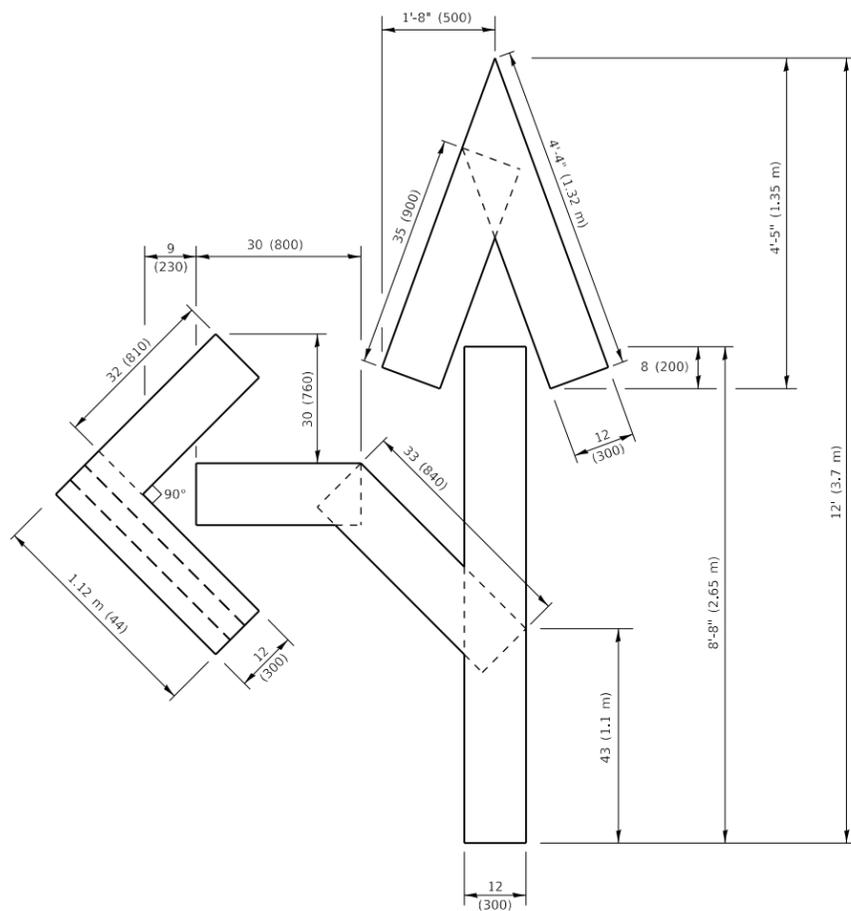
**QUANTITY**

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



**QUANTITY**

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

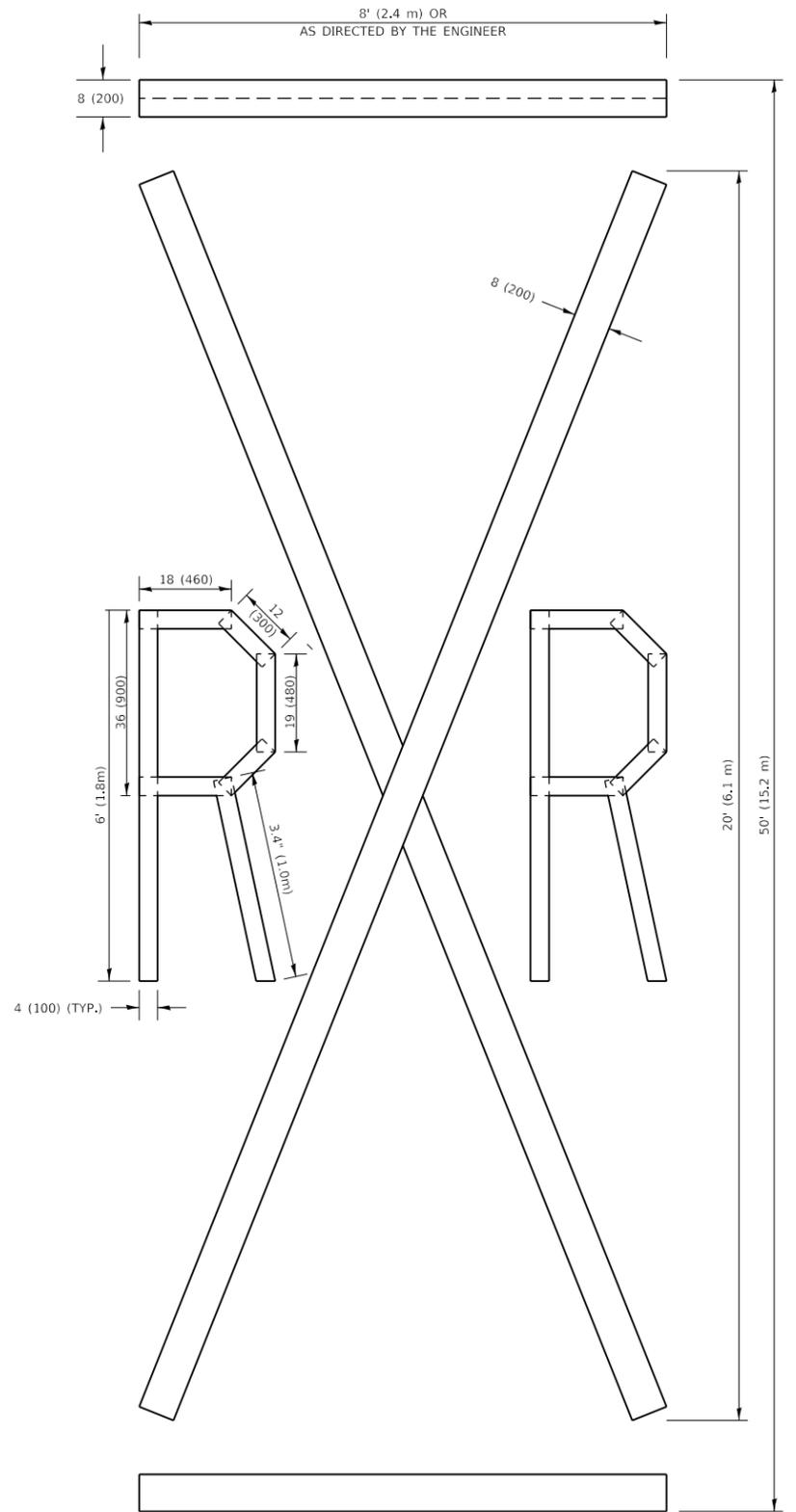


**QUANTITY**

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

**NOTE:**

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



**QUANTITY**

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

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

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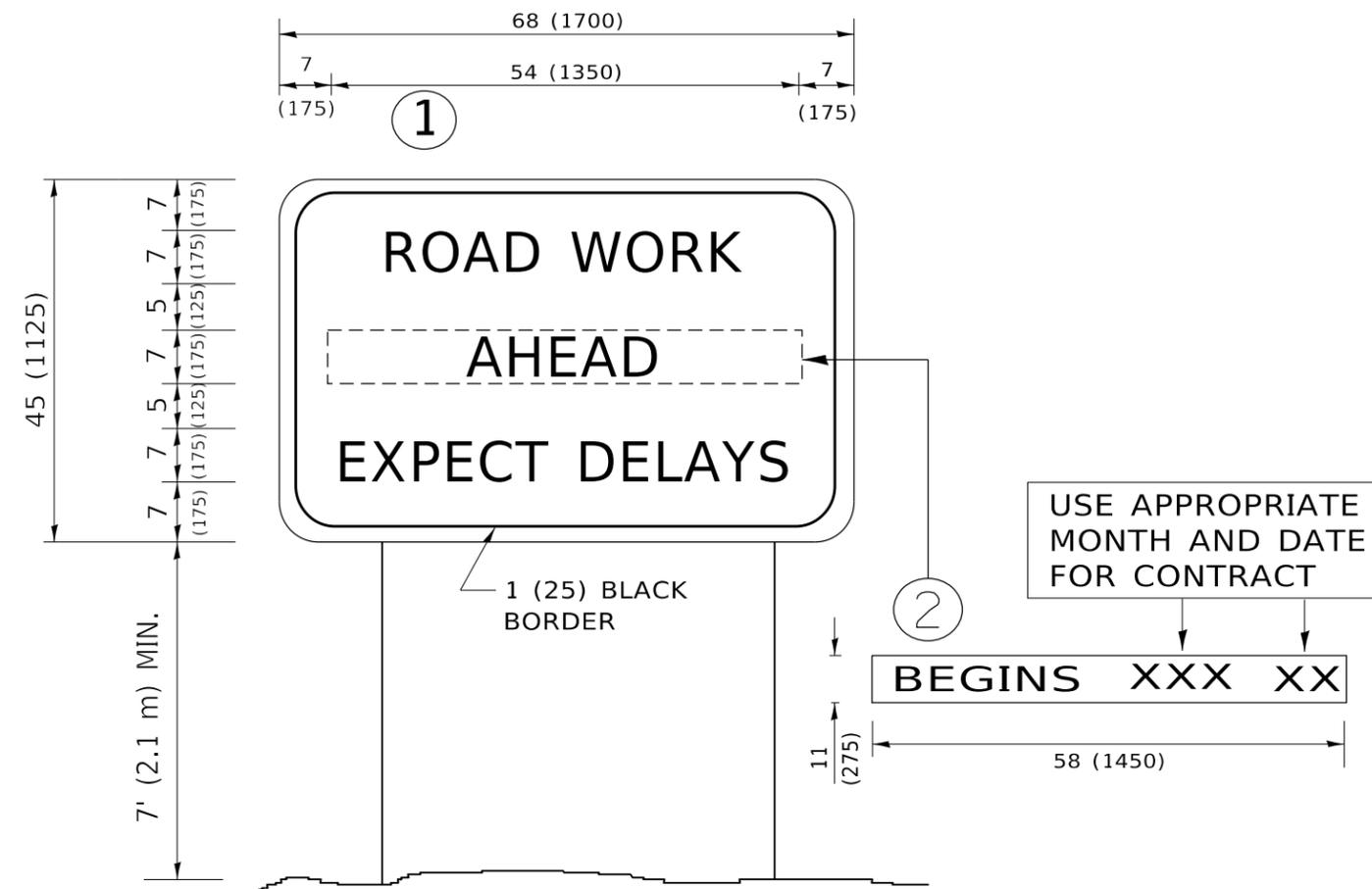
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	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 10/15/2020	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

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**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	37
<b>TC-16</b>		CONTRACT NO. 62L55		
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.

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 10/15/2020	DATE -	REVISED - C. JUCIUS 01-31-07

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**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
631	2020-077-R5-SW&SR	WILL	40	38
<b>TC-22</b>			CONTRACT NO. 62L55	
ILLINOIS FED. AID PROJECT				



