

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTF	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-RS&SW	LAKE	29	1
ILLINOIS			CONTRACT NO. 62L03	

D-91-414-20



LOCATION OF SECTION INDICATED THUS: - [shaded area] -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGE OF ANTIOCH

# PROPOSED HIGHWAY PLANS

FAP ROUTE 303: IL-173 (ROSECRANS ROAD)  
FROM MCHENRY CO. LINE TO WEST OF LAKE AVE. &  
ORCHARD STREET TO MADISON AVENUE.

SECTION: 2020-032-RS&SW

PROJECT: NHPP-GXR4(984)

MICRO-SURFACING /ADA IMPROVEMENTS  
LAKE COUNTY

C-91-221-20

**TRAFFIC DATA**

2019 ADT = 15,600  
SPEED LIMIT = 40 - 55 MPH

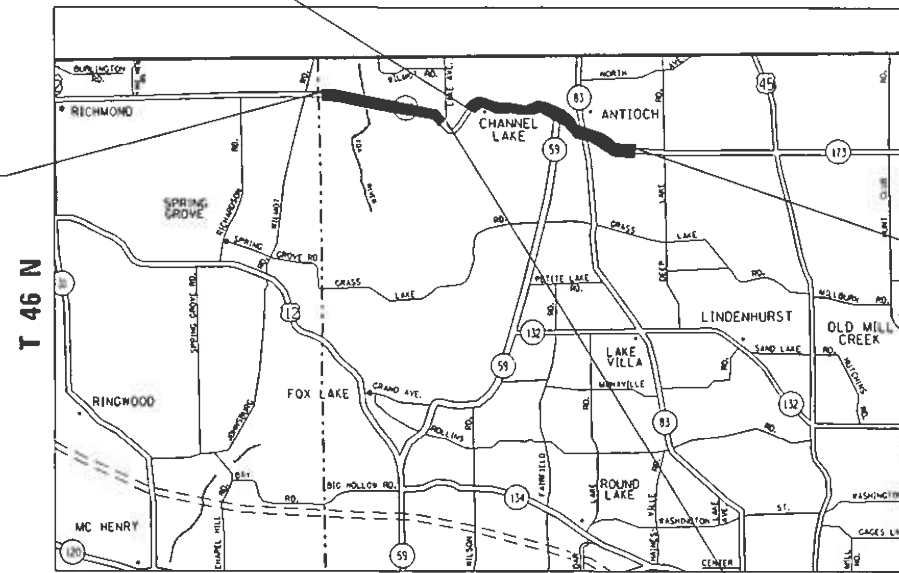
LOCATION 2: IL-173  
ORCHARD STREET TO MADISON AVENUE.  
PROJECT BEGINS  
STA: 237+83.6

R 9 & 10 E

LOCATION 1: IL-173  
MCHENRY CO. LINE TO W. OF LAKE AVE.  
PROJECT BEGINS  
STA: 38+34

OMISSION  
START 93+12 ENDS 96+12

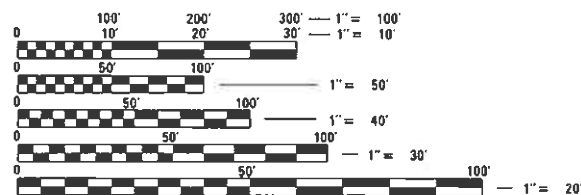
LOCATION 2: IL-173  
ORCHARD STREET TO MADISON AVENUE.  
PROJECT ENDS  
STA: 418+62.5



ANTIOCH TOWNSHIP

LOCATION 1: IL-173  
MCHENRY CO. LINE TO W. OF LAKE AVE.  
PROJECT ENDS  
STA: 159+43.5

GROSS LENGTH = 30188.5 FT. = 5.718 MILE  
NET LENGTH = 29888.5 FT. = 5.660 MILE



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 EXCAVATORS  
1-800-892-0123  
OR 811

PROJECT MANAGER: JEAN ALAIN MIDY (847)221-3056

CONTRACT NO. 62L03

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 6, 2020

*Andy J. Dugley* / 10/3 REGIONAL ENGINEER  
December 4, 2020

*Jason J. Gu*  
December 4, 2020  
ENGINEER OF DESIGN AND ENVIRONMENT  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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OF THE STATE OF ILLINOIS

**STATE STANDARDS**

**INDEX OF SHEETS**

1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
3 - 5	SUMMARY OF QUANTITIES
6 & 7	EXISTING AND PROPOSED TYPICAL SECTIONS
8 - 18	ROADWAY PLAN
19 - 20	ADA RAMPS
21	DRIVEWAY DETAILS (BD-01)
22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
23	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
24	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
25	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
26	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
27	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
28	SHORT TERM PAVEMENT MARKING LETTER AND SYMBOLS (TC-16)
29	ARTERIAL ROAD INFORMATION SIGN (TC-22)

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PREPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS, TYPE 1
606001-07	COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701336-07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS > 45 MPH
701426-09	LANE CLOSURE, 2L, 2W, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS > 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701701-09	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

**GENERAL NOTES**

- 1 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGE OF ANTIOCH.
- 2 BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- 3 THE CONTRACTOR WILL NOT BE ABLE TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- 4 ALL 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.
- 5 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.
- 6 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 7 THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL DISTRICT ONE TRAFFIC CONTROL SUPERVISOR KALPANA KANNAN-HOSADURGA AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 8 THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, AT WALTER.CZARNY@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 9 DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 10 THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 11 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 ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 12 ALL COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

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REV-SEP

USER NAME = hassann	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, STANDARDS, &amp; GENERAL NOTES</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		<b>FROM MCHENRY CO. LINE TO LAKE AVE. &amp; ORCHARD ST. TO MADISON AVE.</b>				303	2020-032-R5G5W	LAKE	29	2
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -						CONTRACT NO. 62L03				
PLOT DATE = 10/16/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005			
20200100	EARTH EXCAVATION	CU YD	10	10				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	30	30				
25200100	SODDING	SO YD	30	30				
25200200	SUPPLEMENTAL WATERING	UNIT	1	1				
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SO YD	35	35				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	25	25				
40400001	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	51280	51280				
40400020	BUMP REMOVAL	EACH	15	15				
40400050	MICRO-SURFACING RUT FILLING	FOOT	1975	1975				
40400118	MICRO-SURFACING, SINGLE PASS	SO YD	131200	131200				
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	29550	29550				
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	8	8				
42001300	PROTECTIVE COAT	SO YD	500	500				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	70	70				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	800	800				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005			
42400800	DETECTABLE WARNINGS	SO FT	58	58				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	130	130				
44000600	SIDEWALK REMOVAL	SO FT	835	835				
44201672	CLASS D PATCHES, TYPE II, 2 INCH	SO YD	800	800				
44201674	CLASS D PATCHES, TYPE III, 2 INCH	SO YD	500	500				
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SO YD	50	50				
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	50	50				
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	50	50				
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	50	50				
44201823	CLASS D PATCHES, TYPE I, 15 INCH	SO YD	50	50				
44201827	CLASS D PATCHES, TYPE II, 15 INCH	SO YD	50	50				
44201831	CLASS D PATCHES, TYPE III, 15 INCH	SO YD	50	50				
44201833	CLASS D PATCHES, TYPE IV, 15 INCH	SO YD	50	50				
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	4	4				
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	5800	5800				

FILE NAME =	USER NAME = hassam	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL-173 (ROSECRANS ROAD) MC HENRY CO. LINE TO LAKE AVE. &amp; ORCHARD ST. TO MADISON AVE.</b>		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dtd\illinois\gov\PI\DOT\Documents\DOT	Offices\District\Projects\DI41420\CAD\Draw\Des\gn\DI41420-sh	DRAWN -	REVISED -		303	2020-032-RS&SW	LAKE	29	3		
	PLOT SCALE = 100.0000' / 1in	CHECKED -	REVISED -		<b>SUMMARY OF QUANTITIES</b>			<b>CONTRACT NO. 62L03</b>			
	PLOT DATE = 10/16/2020	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT

\* SPECIALTY ITEM

△ NON-PARTICIPATING

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005			
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	52	52				
* 63200310	GUARDRAIL REMOVAL	FOOT	8400	8400				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	10	10				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	12	12				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005			
70300100	SHORT TERM PAVEMENT MARKING	FOOT	57245	57245				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	19080	19080				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	775	775				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	96900	96900				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	3000	3000				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	300	300				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	1050	1050				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	505	505				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	14315	14315				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	775	775				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	96900	96900				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	3000	3000				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	300	300				

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL-173 (ROSECRANS ROAD)  
MC HENRY CO. LINE TO LAKE AVE. & ORCHARD ST. TO MADISON AVE.  
SUMMARY OF QUANTITIES**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	4
CONTRACT NO.			62L03	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

\* SPECIALTY ITEM      △ NON-PARTICIPATING

REV-SEP

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1050	1050				
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	505	505				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1200	1200				
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1275	1275				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1000	1000				
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	4	4				
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1				
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	41400	41400				
<input type="checkbox"/> X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	5000		5000			
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	810	810				
<input type="checkbox"/> Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	35		35			
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	52.4	52.4				

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		100% STATE 0005				
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1				
* Z0064800	SELECTIVE CLEARING	UNIT	2	2				

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	PLOT DATE = 10/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

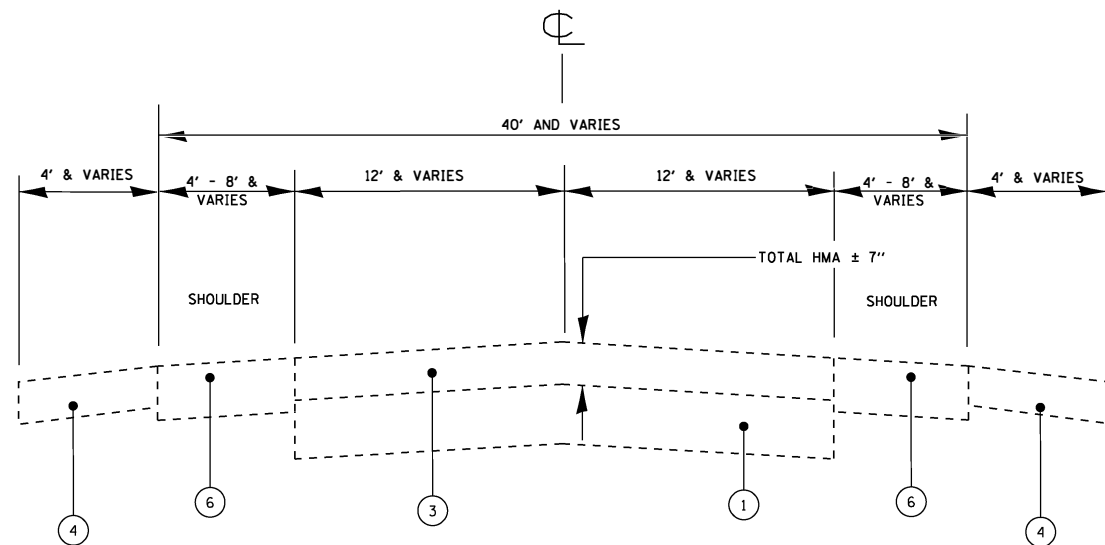
**IL-173 (ROSECRANS ROAD)  
MC HENRY CO. LINE TO LAKE AVE. & ORCHARD ST. TO MADISON AVE.  
SUMMARY OF QUANTITIES**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L03	

REV-SEP

\* SPECIALTY ITEM

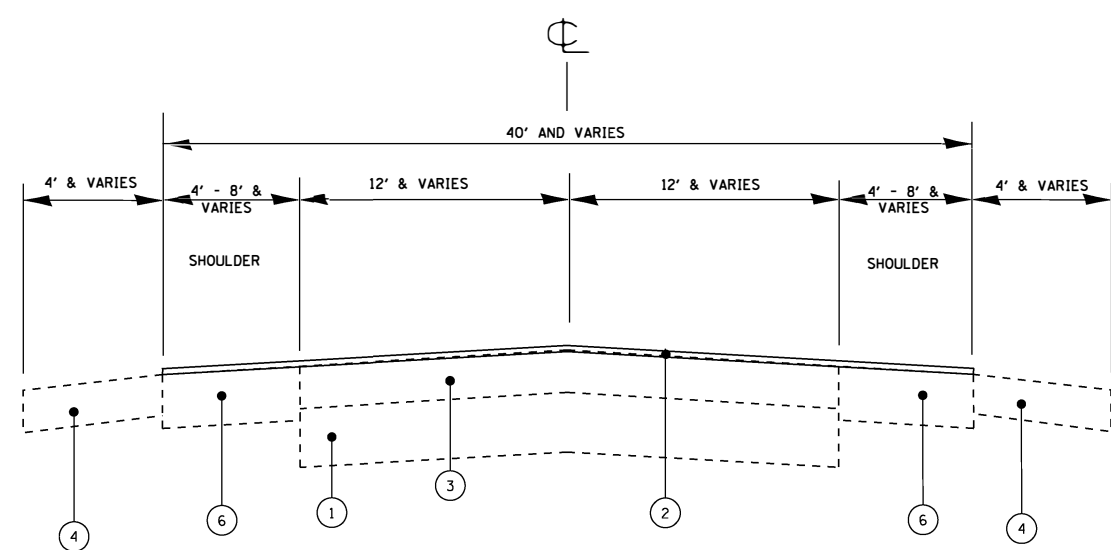
NON-PARTICIPATING



**IL-173 (ROSECRANES ROAD)  
FROM MCHENRY CO. LINE TO WEST OF LAKE STREET  
EXISTING TYPICAL SECTION**  
STA. 38+34 TO STA. 159+43.5

**LEGEND**

- ① EXISTING PCC PAVEMENT ±8"
- ② PROPOSED MICRO-SURFACING, SINGLE PASS
- ③ EXISTING HMA PAVEMENT, ± 7"
- ④ AGGREGATE SHOULDER
- ⑤ EXISTING CURB & GUTTER
- ⑥ EXISTING HMA SHOULDERS, ± 8"
- ⑦ EXISTING PCC PAVEMENT ±9"
- ⑧ EXISTING HMA PAVEMENT, ± 3 "

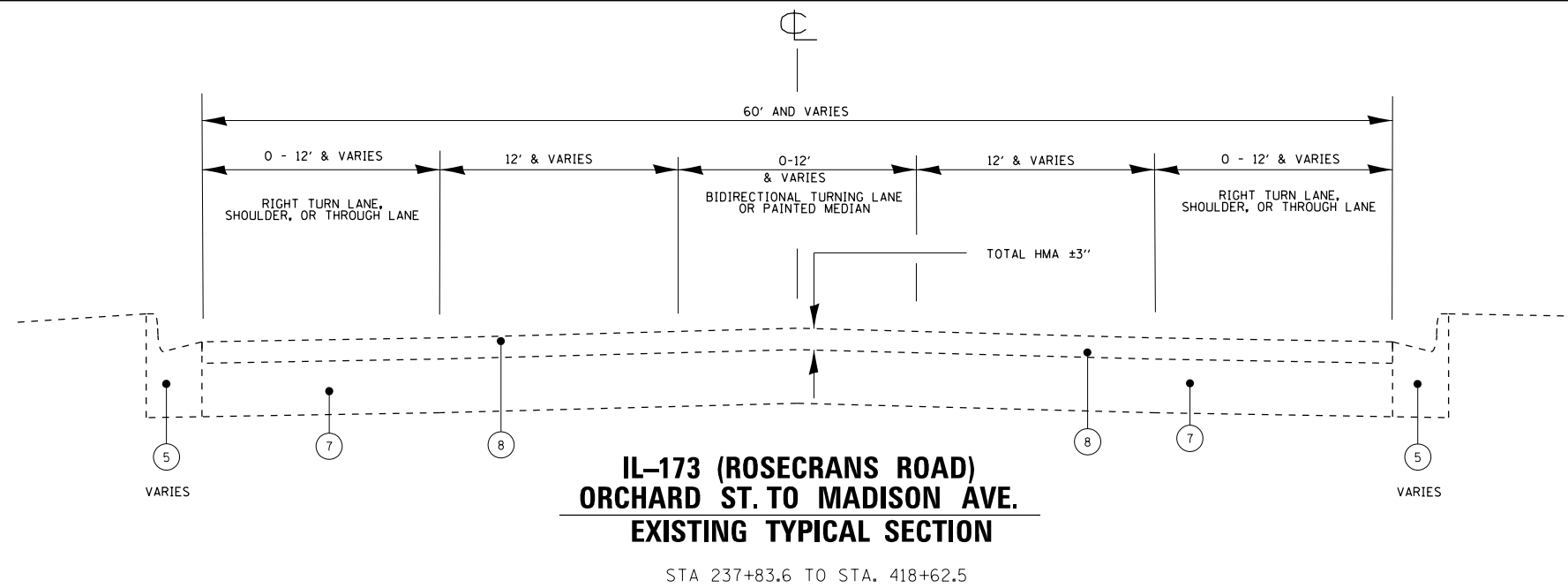


**IL-173 (ROSECRANES ROAD)  
FROM MCHENRY CO. LINE TO WEST OF LAKE STREET  
PROPOSED TYPICAL SECTION**  
STA. 38+34 TO STA. 159+43.5

MIXTURE REQUIREMENTS		VOIDS Ⓢ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES			
<b>CLASS D PATCHING – 2"</b>			
HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"		4% AT 70 GYR.	QC/QA
<b>CLASS D PATCHING – 12" &amp; 15"</b>			
HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 2"		4% AT 70 GYR.	QC/QA
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 10" & 13"		4% AT 70 GYR.	QC/QA
<b>DRIVEWAY</b>			
HMA SURFACE COURSE, MIX "D", IL-9.5, N50, 2"		4% AT 50 GYR.	QC/QA
HMA BASE COURSE, 6" & 8" (HMA BINDER IL-19.0)		4% AT 50 GYR.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP)			

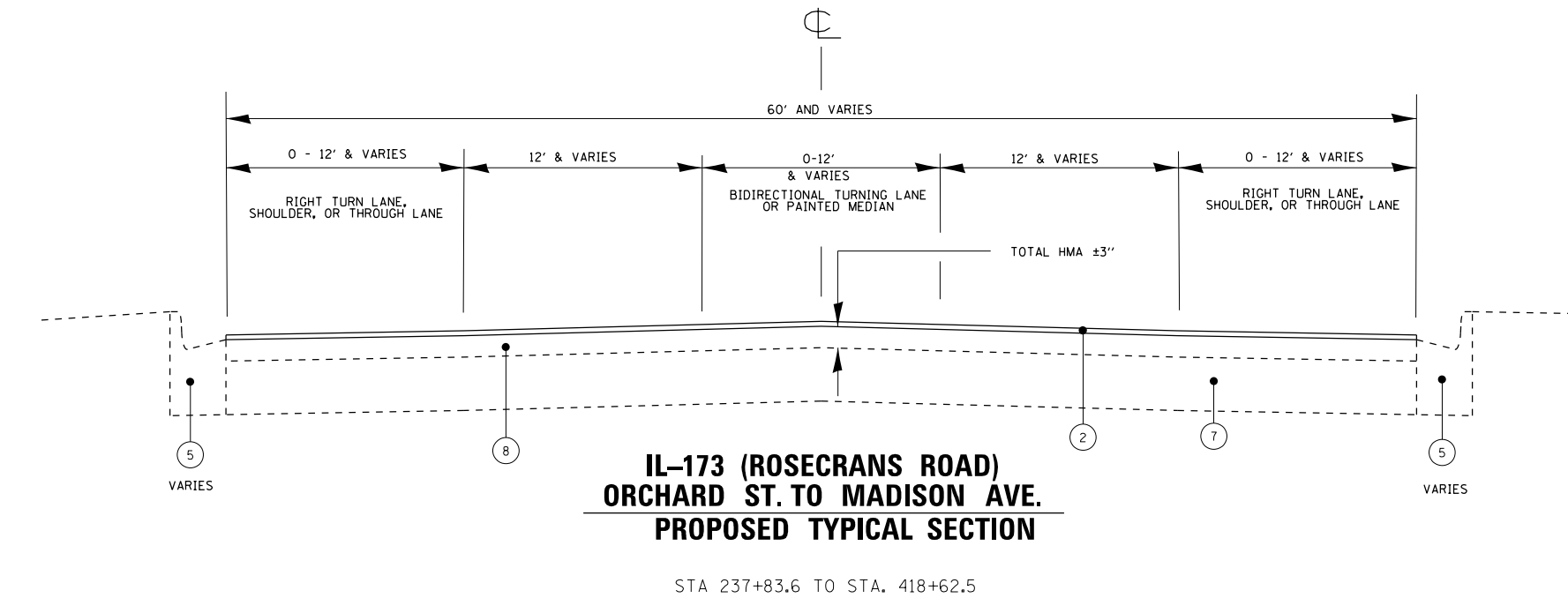
**NOTES:**  
CONTRACTOR SHALL PATCH FIRST.

- NOTE:**
- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN
  - 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.  
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE



- LEGEND**
- ① EXISTING PCC PAVEMENT ±8"
  - ② PROPOSED MICRO-SURFACING, SINGLE PASS
  - ③ EXISTING HMA PAVEMENT, ± 7"
  - ④ AGGREGATE SHOULDER
  - ⑤ EXISTING CURB & GUTTER
  - ⑥ EXISTING HMA SHOULDERS, ± 8"
  - ⑦ EXISTING PCC PAVEMENT ±9"
  - ⑧ EXISTING HMA PAVEMENT, ± 3 "

**IL-173 (ROSECRANS ROAD)  
ORCHARD ST. TO MADISON AVE.  
EXISTING TYPICAL SECTION**  
STA 237+83.6 TO STA. 418+62.5



**IL-173 (ROSECRANS ROAD)  
ORCHARD ST. TO MADISON AVE.  
PROPOSED TYPICAL SECTION**  
STA 237+83.6 TO STA. 418+62.5

**NOTES:**  
CONTRACTOR SHALL PATCH FIRST.

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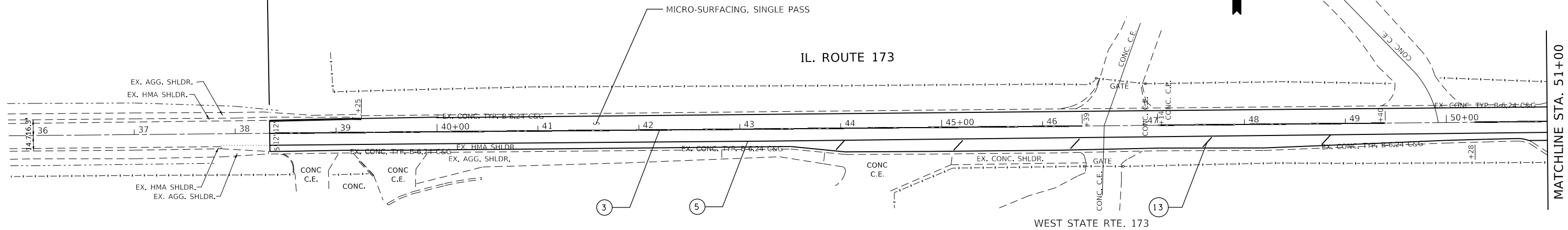
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PLOT DATE = 10/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

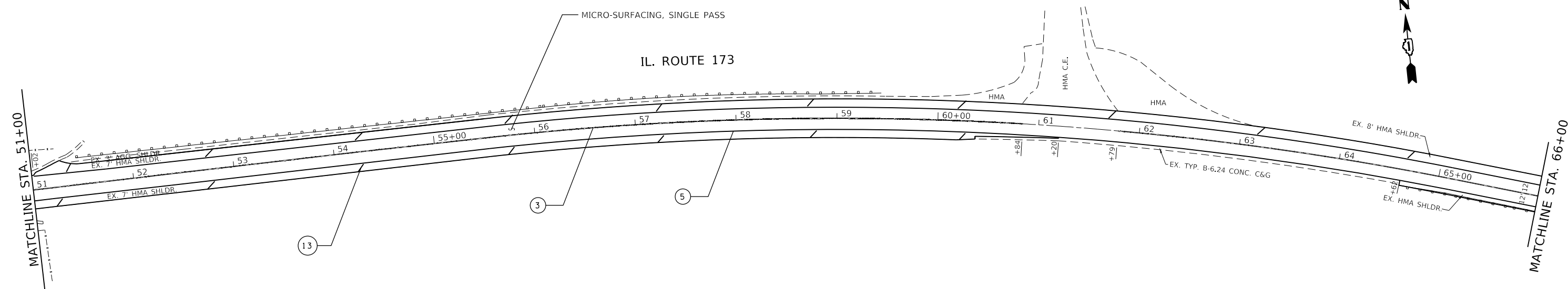
<b>EXISTING AND PROPOSED TYPICAL SECTIONS</b>	
<b>IL-173 (ROSECRANS ROAD) ORCHARD ST. TO MADISON AVE.</b>	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-RS&SW	COOK	29	7
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				

**PROJECT BEGINS  
STA. 38 + 34.0**



- |  |   |  |
|--|---|--|
| ① PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | ⑤ PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | ⑩ PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                      |
| ② PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | ⑥ PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | ⑪ PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                         |
| ③ PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | ⑦ PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | ⑫ PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45', 75' OR 150' C-C, YELLOW (TYP.)           |
| ④ PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | ⑧ PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | ⑬ PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45' DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|  | ⑨ PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | ⑭ PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                 |



MODEL: Default  
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USER NAME = hassann	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

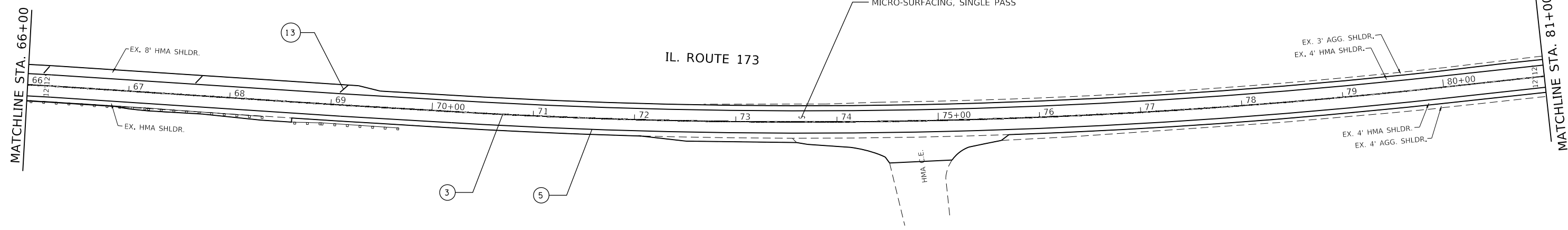
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
MCHENRY CO. LINE TO LAKE AVE**

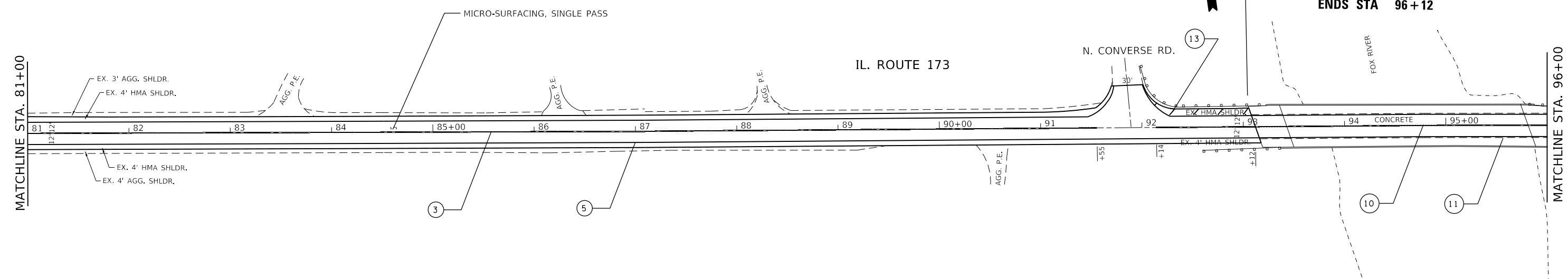
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F.A.P. RTE. 303	SECTION 2020-032-R5&SW	COUNTY LAKE	TOTAL SHEETS 29	SHEET NO. 8
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				





- |  |   |  |
|--|---|--|
| ① PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | ⑤ PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | ⑩ PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                      |
| ② PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | ⑥ PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | ⑪ PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                         |
| ③ PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | ⑦ PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | ⑫ PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45° 75' OR 150' C-C, YELLOW (TYP.)            |
| ④ PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | ⑧ PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | ⑬ PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45° DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|  | ⑨ PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | ⑭ PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                 |



MODEL: Default  
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USER NAME = hassann	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2020	DATE -	REVISED -

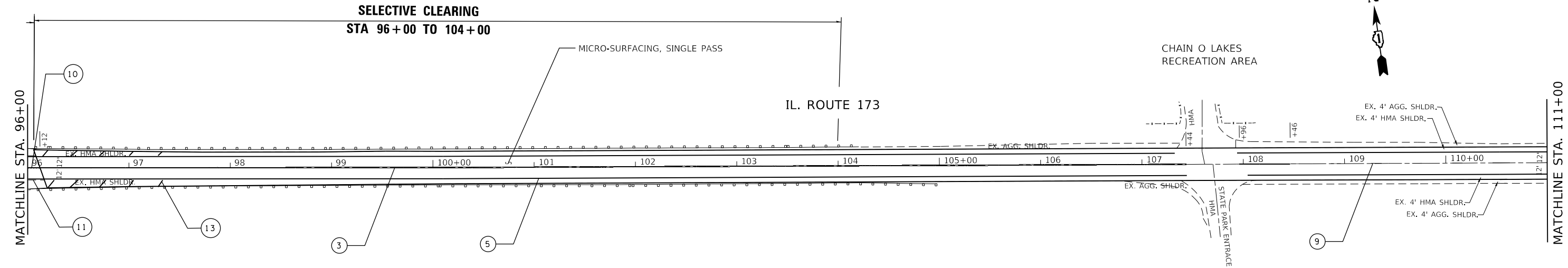
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
McHENRY CO. LINE TO LAKE AVE.**

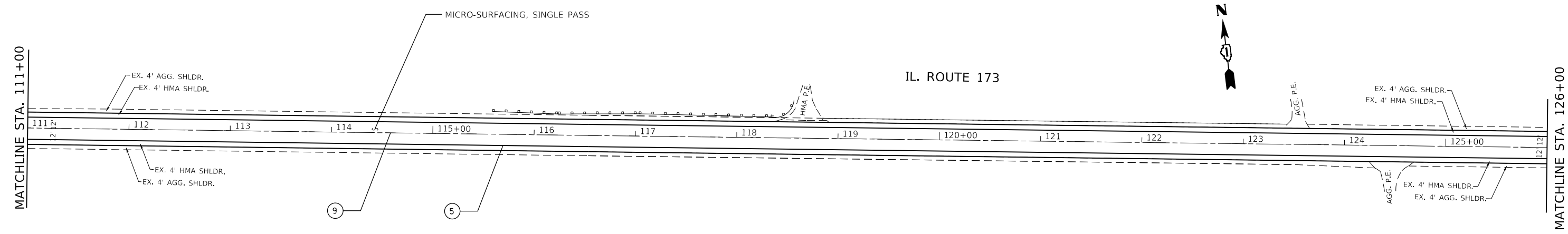
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	9
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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- |  |   |   |
|--|---|---|
| ① PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | ⑤ PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | ⑩ PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                       |
| ② PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | ⑥ PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | ⑪ PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                          |
| ③ PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | ⑦ PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | ⑫ PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45', 75' OR 150' C-C, YELLOW (TYP.)            |
| ④ PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | ⑧ PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | ⑬ PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45', DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|  | ⑨ PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | ⑭ PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                  |



USER NAME = hassan	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

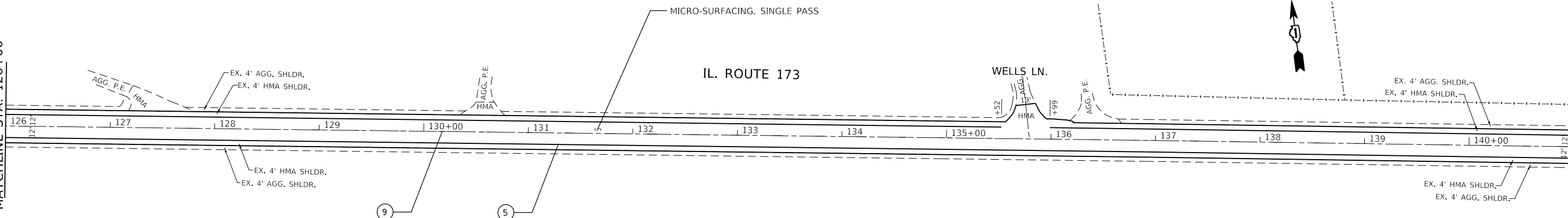
**ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
 McHENRY CO. LINE TO LAKE AVE.**

SCALE: 1"=50'    SHEET    OF    SHEETS    STA. 96+00    TO STA. 126+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	10
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 126+00

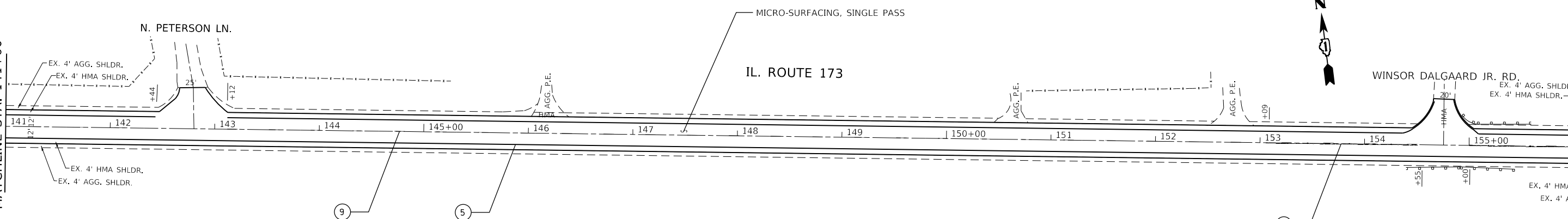
MATCHLINE STA. 141+00



- |  |   |   |
|--|---|---|
| 1 PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | 5 PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | 10 PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                      |
| 2 PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | 6 PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | 11 PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                         |
| 3 PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | 7 PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | 12 PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45, 75' OR 150' C-C, YELLOW (TYP.)            |
| 4 PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | 8 PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | 13 PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45, DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|  | 9 PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | 14 PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                 |

MATCHLINE STA. 141+00

MATCHLINE STA. 156+00



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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

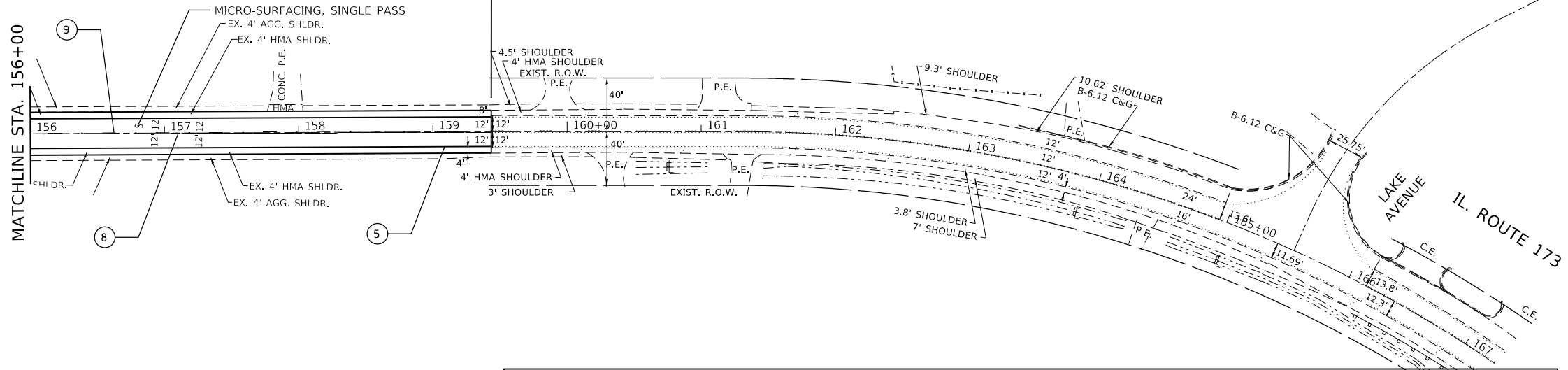
ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
McHENRY CO. LINE TO LAKE AVE.

SCALE: 1"=50' SHEET OF SHEETS STA. 126+00 TO STA. 156+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	11
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 156+00

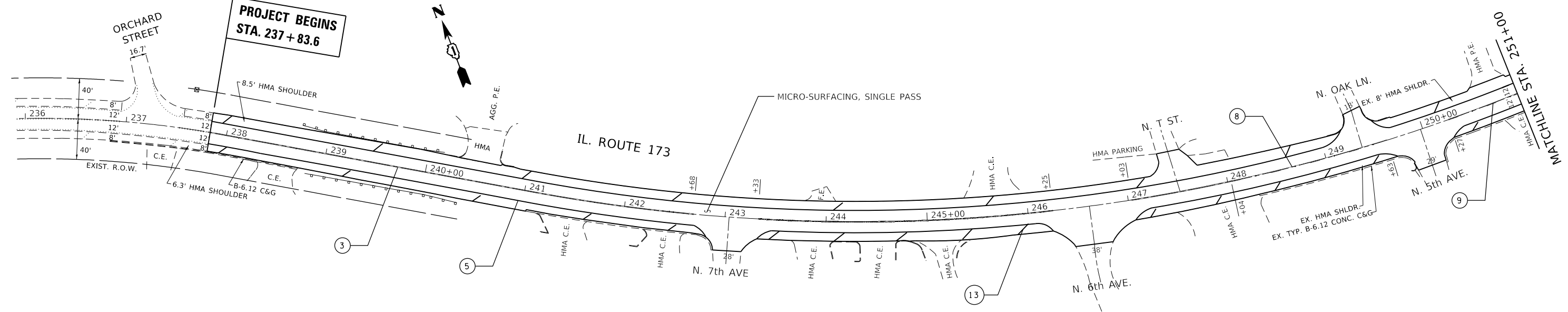
**PROJECT ENDS  
STA. 159+43.5**



- |  |   |  |
|--|---|--|
| 1 PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | 5 PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | 10 PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                       |
| 2 PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | 6 PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | 11 PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                          |
| 3 PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | 7 PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | 12 PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45', 75' OR 150' C-C, YELLOW (TYP.)            |
| 4 PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | 8 PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | 13 PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45', DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|  | 9 PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | 14 PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                  |

ORCHARD STREET

**PROJECT BEGINS  
STA. 237+83.6**



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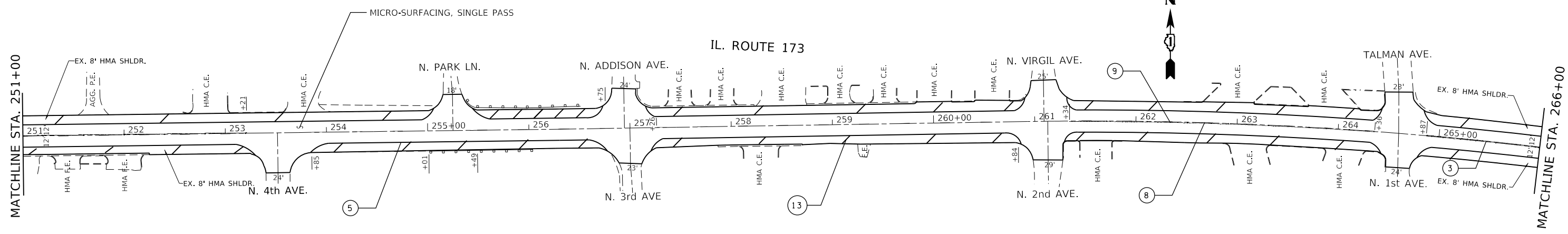
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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

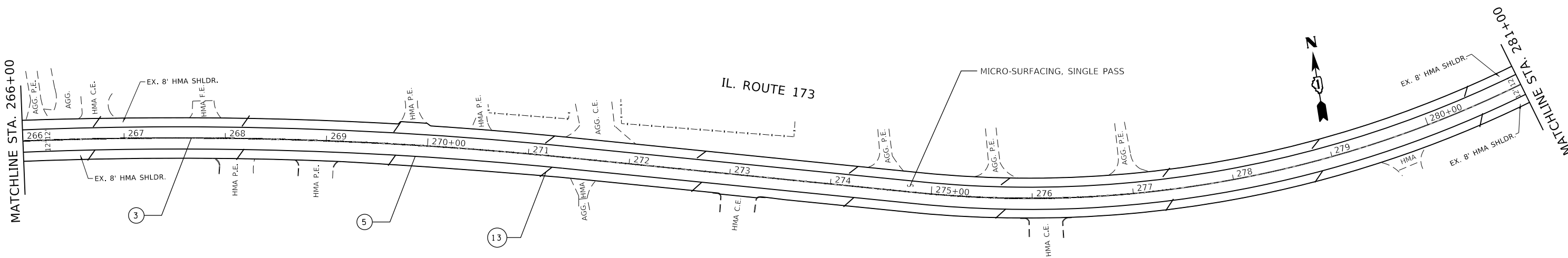
**ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
ORCHARD ST. TO N. BROWN AVE.**

SCALE: 1"=50' SHEET OF SHEETS STA. 156+00 TO STA. 251+00

F.A.P. RTE. 303	SECTION 2020-032-R5&SW	COUNTY LAKE	TOTAL SHEETS 29	SHEET NO. 12
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				



1 PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.)	5 PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)	10 PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)
2 PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)	6 PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)	11 PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)
3 PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)	7 PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)	12 PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45', 75' OR 150' C-C, YELLOW (TYP.)
4 PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)	8 PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)	13 PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45', DIAGONALS 75' OR 150' C-C, WHITE (TYP.)
	9 PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.)	14 PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)



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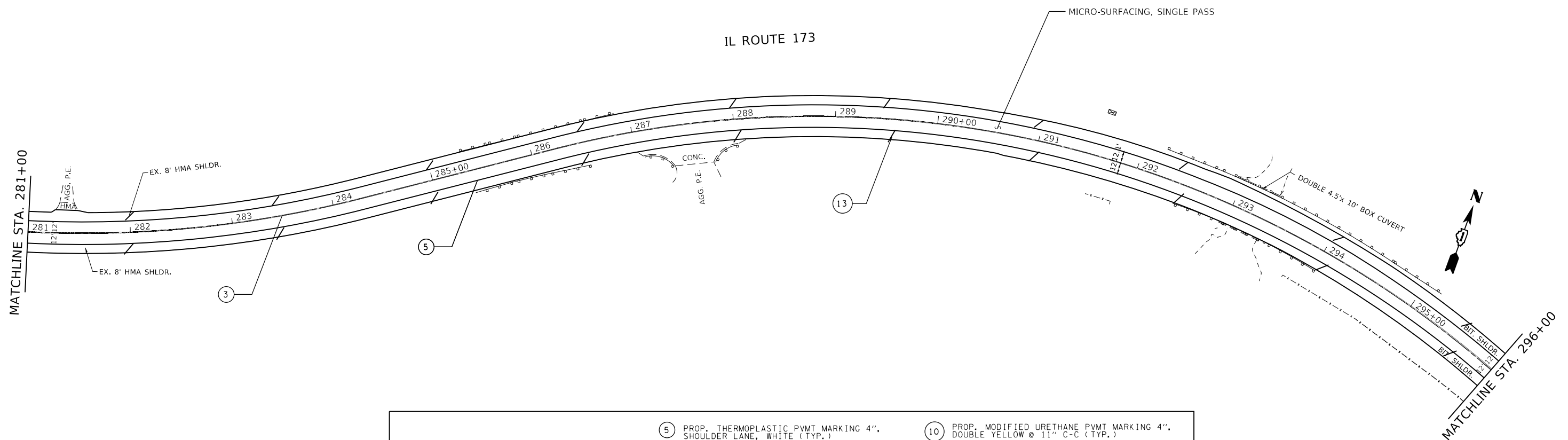
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	DRAWN -	REVISED -
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PLOT DATE = 10/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

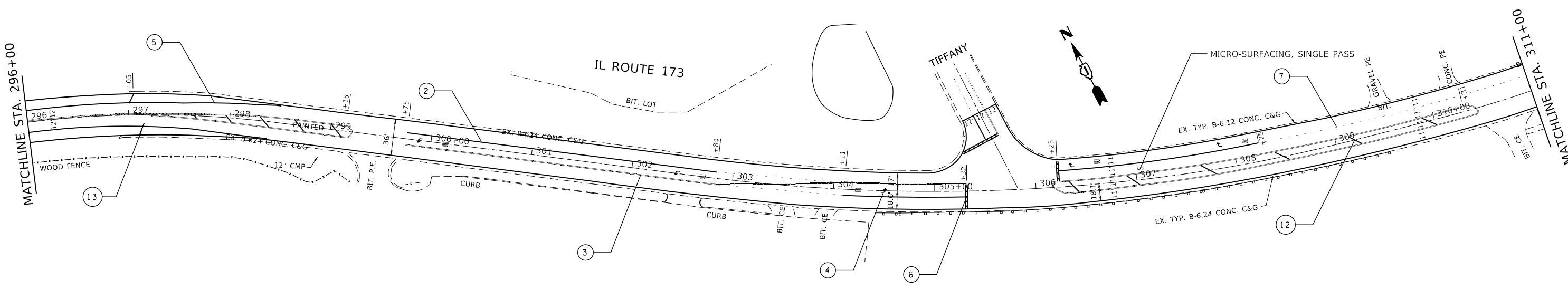
**ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
ORCHARD ST. TO N. BROWN AVE.**

SCALE: 1"=50' SHEET OF SHEETS STA. 251+00 TO STA. 281+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	13
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				



- |   |  |   |   |    |  |
|---|--|---|---|----|--|
| 1 | PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | 5 | PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | 10 | PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                      |
| 2 | PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | 6 | PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | 11 | PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                         |
| 3 | PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | 7 | PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | 12 | PROP. THERMOPLASTIC PVMT MARKING 12" MEDIAN @ 45', 75' OR 150' C-C, YELLOW (TYP.)            |
| 4 | PROP. THERMOPLASTIC PVMT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)   | 8 | PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | 13 | PROP. THERMOPLASTIC PVMT MARKING 12" SHOULDER @ 45', DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|   |  | 9 | PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | 14 | PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                 |



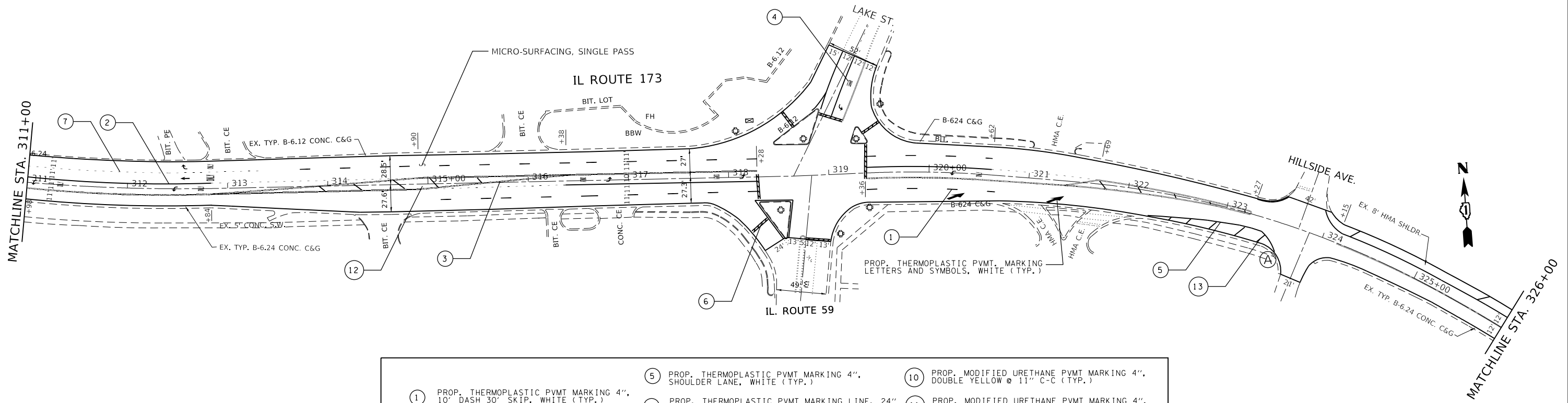
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USER NAME = hassan	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

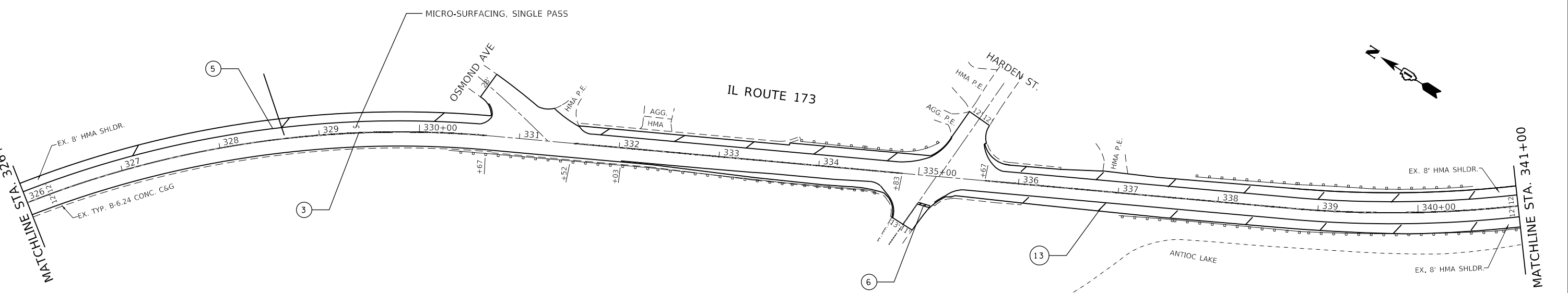
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)</b> <b>ORCHARD ST. TO N. BROWN AVE.</b>	
SCALE: 1"=50'	SHEET OF SHEETS STA. 281+00 TO STA. 311+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	14
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				



- |   |  |   |   |    |   |
|---|--|---|---|----|---|
| 1 | PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | 5 | PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | 10 | PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                       |
| 2 | PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | 6 | PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | 11 | PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                          |
| 3 | PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | 7 | PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | 12 | PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45', 75' OR 150' C-C, YELLOW (TYP.)            |
| 4 | PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | 8 | PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | 13 | PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45', DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|   |  | 9 | PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | 14 | PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                  |



**SIDEWALK LEGEND**  
 (A) PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL PLAN

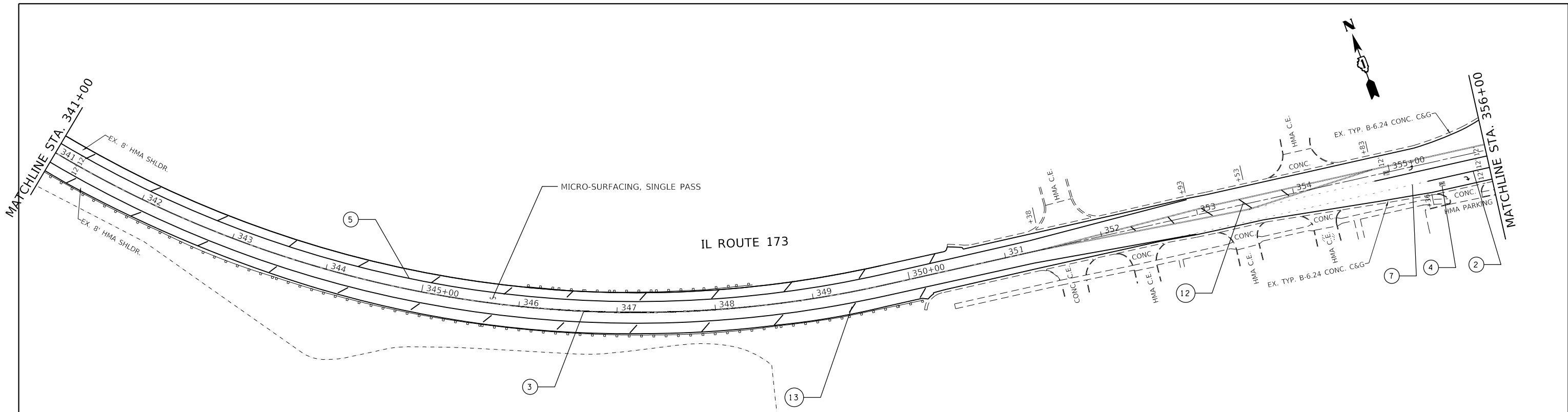
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PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

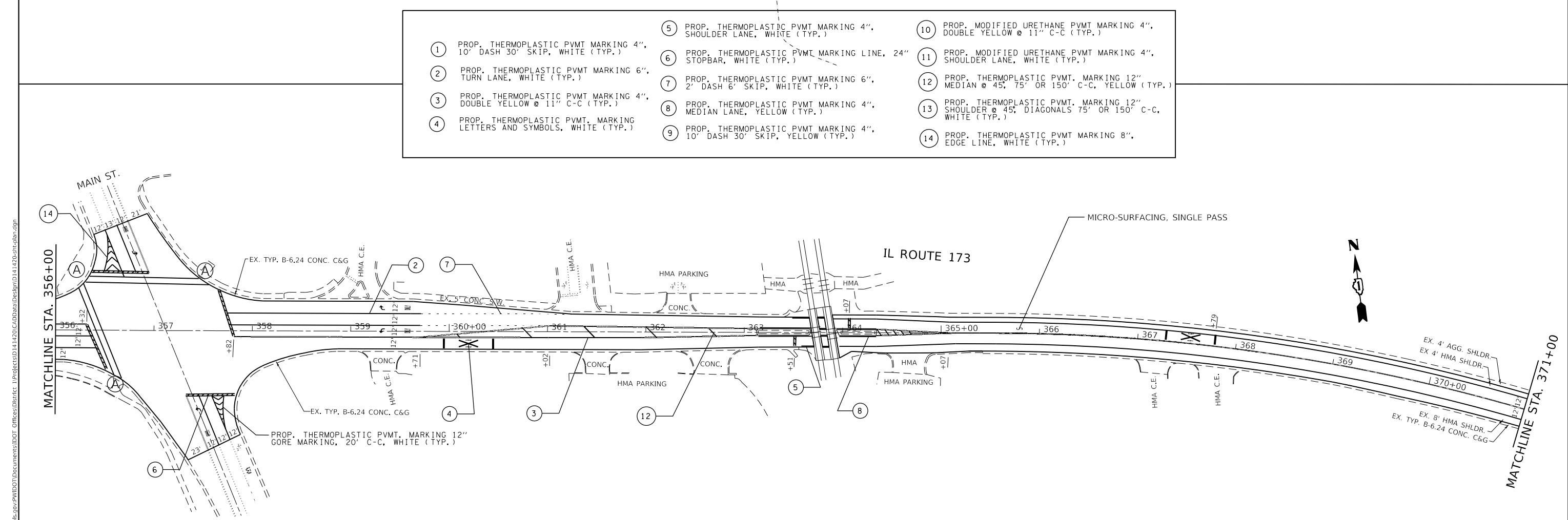
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
 ORCHARD ST. TO N. BROWN AVE.**  
 SCALE: 1"=50' SHEET OF SHEETS STA. 311+00 TO STA. 341+00

F.A.P. RTE. 303	SECTION 2020-032-R5&SW	COUNTY LAKE	TOTAL SHEETS 29	SHEET NO. 15
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				



- |  |   |  |
|--|---|--|
| 1 PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | 5 PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | 10 PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                       |
| 2 PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | 6 PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | 11 PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                          |
| 3 PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | 7 PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | 12 PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45', 75' OR 150' C-C, YELLOW (TYP.)            |
| 4 PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | 8 PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | 13 PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45', DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|  | 9 PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | 14 PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                  |



**SIDEWALK LEGEND**  
 (A) PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL PLAN

MODEL: Default  
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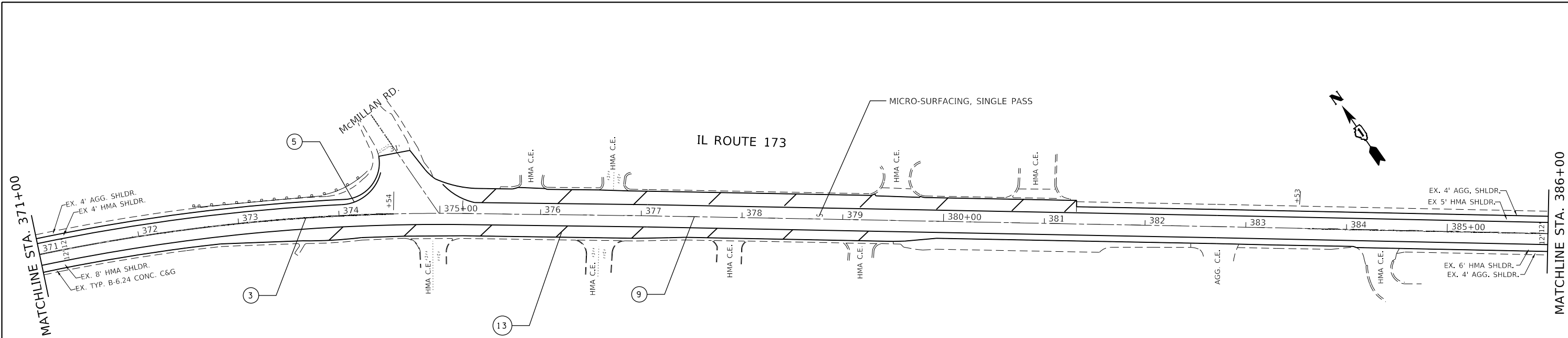
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
 ORCHARD ST. TO N. BROWN AVE.**

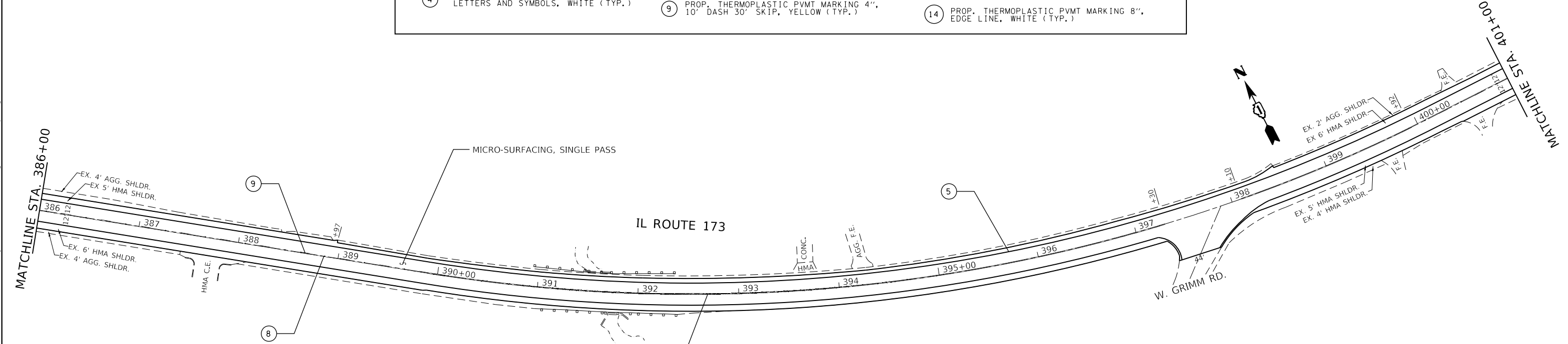
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	16
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				





- |  |   |   |
|--|---|---|
| ① PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | ⑤ PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | ⑩ PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                       |
| ② PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | ⑥ PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | ⑪ PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                          |
| ③ PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | ⑦ PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | ⑫ PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45', 75' OR 150' C-C, YELLOW (TYP.)            |
| ④ PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | ⑧ PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | ⑬ PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45', DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|  | ⑨ PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | ⑭ PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                  |



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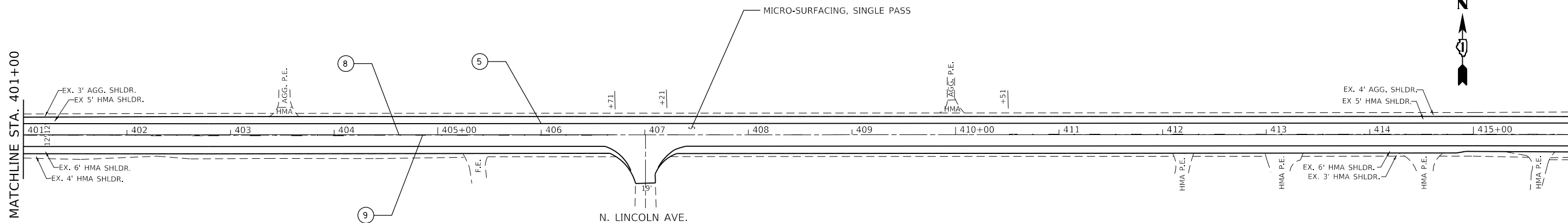
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)</b> <b>ORCHARD ST. TO N BROWN AVE.</b>			
SCALE: 1"=50'	SHEET	OF	SHEETS
	STA. 371+00	TO	STA. 401+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	17
CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				

MATCHLINE STA. 401+00

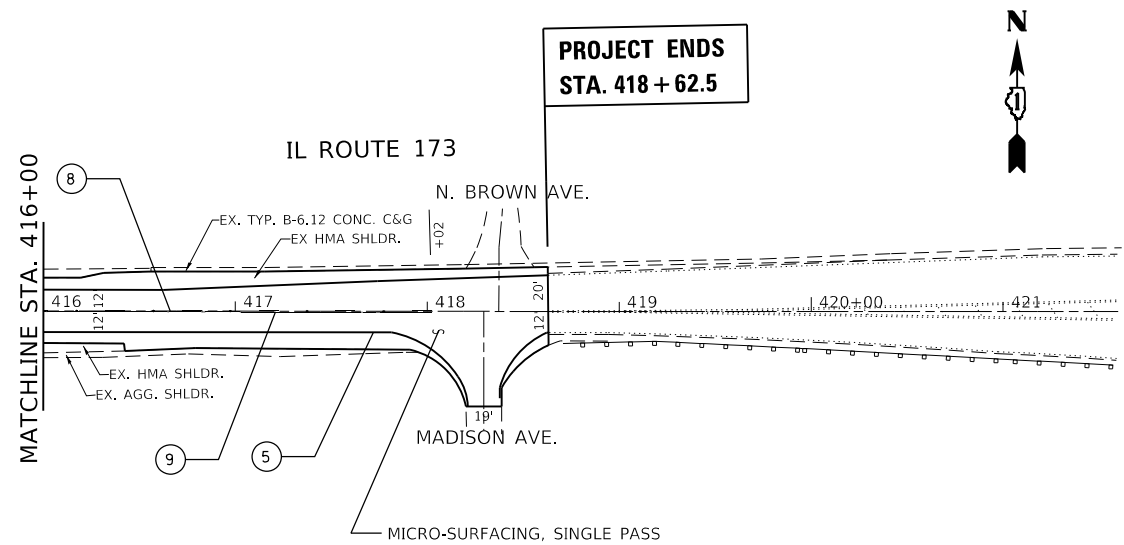
MATCHLINE STA. 416+00



- |  |   |  |
|--|---|--|
| ① PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, WHITE (TYP.) | ⑤ PROP. THERMOPLASTIC PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)      | ⑩ PROP. MODIFIED URETHANE PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)                      |
| ② PROP. THERMOPLASTIC PVMT MARKING 6", TURN LANE, WHITE (TYP.)         | ⑥ PROP. THERMOPLASTIC PVMT MARKING LINE, 24" STOPBAR, WHITE (TYP.)      | ⑪ PROP. MODIFIED URETHANE PVMT MARKING 4", SHOULDER LANE, WHITE (TYP.)                         |
| ③ PROP. THERMOPLASTIC PVMT MARKING 4", DOUBLE YELLOW @ 11" C-C (TYP.)  | ⑦ PROP. THERMOPLASTIC PVMT MARKING 6", 2' DASH 6' SKIP, WHITE (TYP.)    | ⑫ PROP. THERMOPLASTIC PVMT. MARKING 12" MEDIAN @ 45, 75' OR 150' C-C, YELLOW (TYP.)            |
| ④ PROP. THERMOPLASTIC PVMT. MARKING LETTERS AND SYMBOLS, WHITE (TYP.)  | ⑧ PROP. THERMOPLASTIC PVMT MARKING 4", MEDIAN LANE, YELLOW (TYP.)       | ⑬ PROP. THERMOPLASTIC PVMT. MARKING 12" SHOULDER @ 45, DIAGONALS 75' OR 150' C-C, WHITE (TYP.) |
|  | ⑨ PROP. THERMOPLASTIC PVMT MARKING 4", 10' DASH 30' SKIP, YELLOW (TYP.) | ⑭ PROP. THERMOPLASTIC PVMT MARKING 8", EDGE LINE, WHITE (TYP.)                                 |

MATCHLINE STA. 416+00

**PROJECT ENDS  
STA. 418 + 62.5**



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5

USER NAME = hassann	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 10/16/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN IL. RTE. 173 (ROSCRANS RD.)  
ORCHARD ST. TO N. BROWN AVE.**

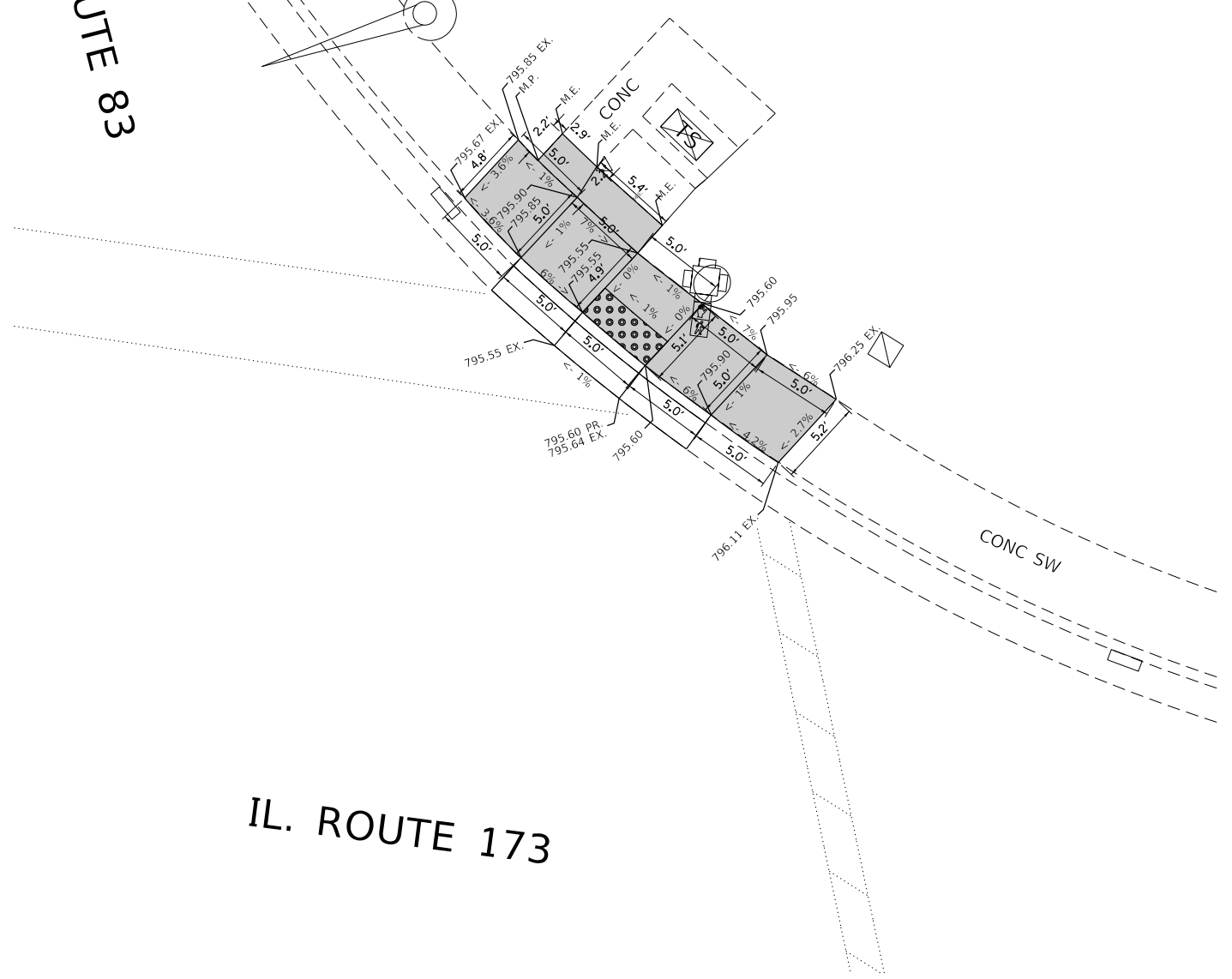
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62L03				
ILLINOIS FED. AID PROJECT				



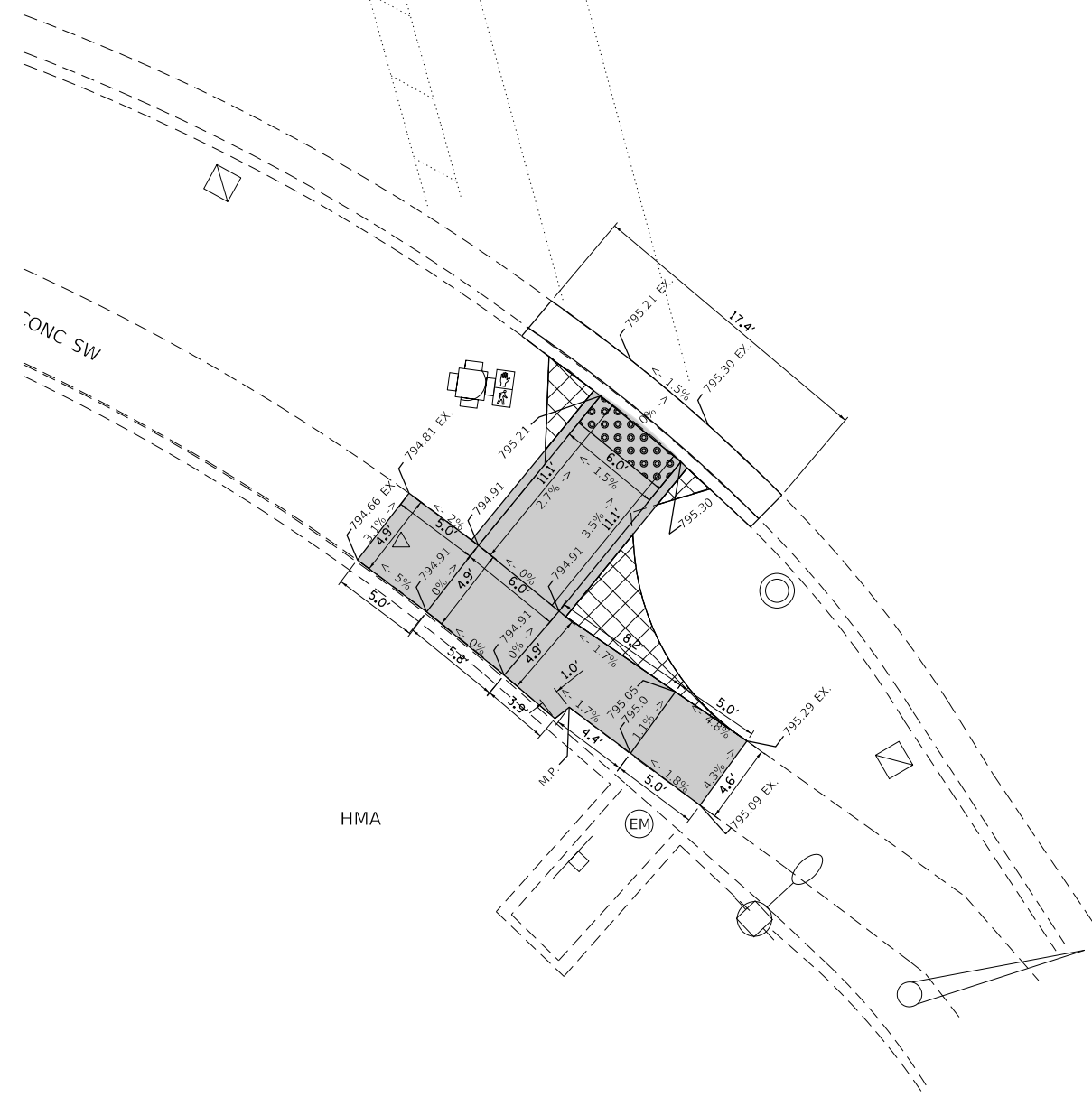
IL. ROUTE 83

IL. ROUTE 173



IL. ROUTE 173

IL. ROUTE 83



REFERENCE BENCHMARK ELEV 796.05  
 BENCHMARK : "X" CUT IN W. CONCRETE BASE OF DOUBLE HANDHOLE  
 LOCATION : ON NORTH EAST CORNER OF IL ROUTE 173 & IL ROUTE 83

**LEGEND**

- xx.xx' EXISTING LENGTH
- ===== PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS
- [Cross-hatch Box] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 796.05  
 BENCHMARK : "X" CUT IN W. CONCRETE BASE OF DOUBLE HANDHOLE  
 LOCATION : ON NORTH EAST CORNER OF IL ROUTE 173 & IL ROUTE 83

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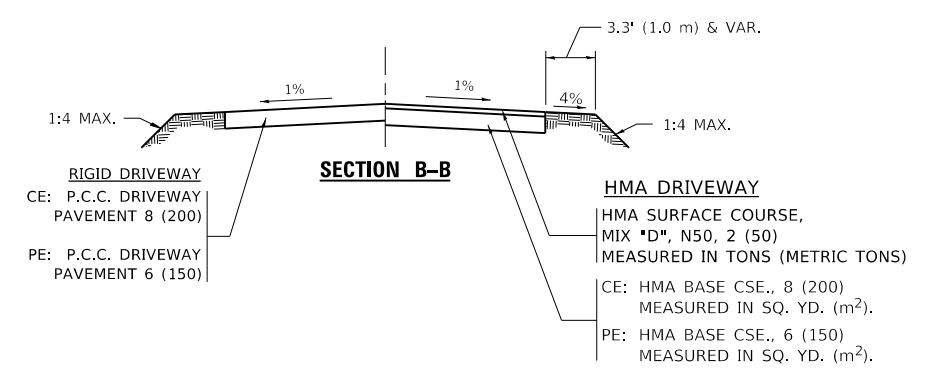
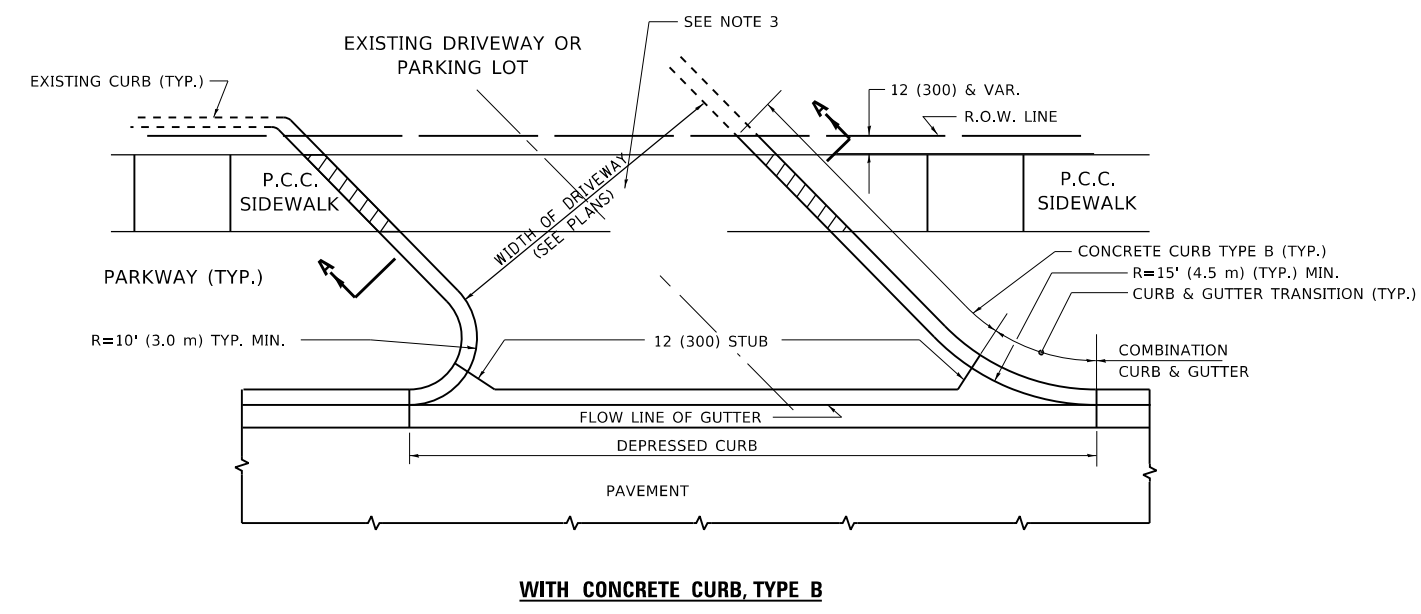
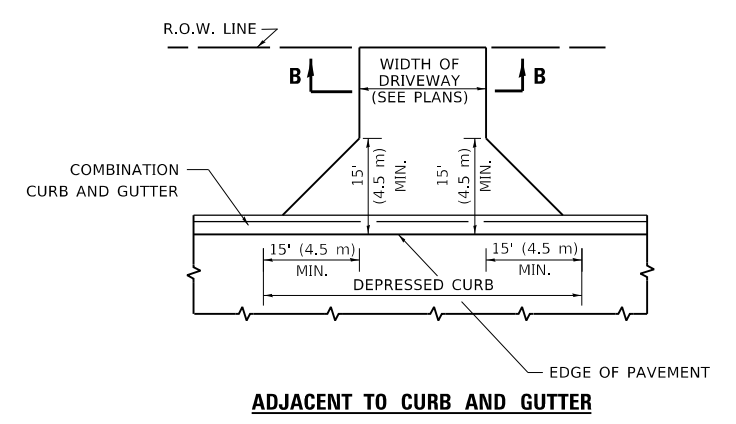
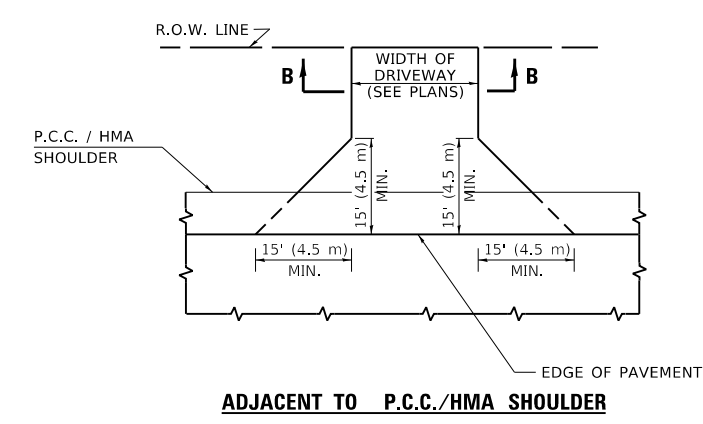
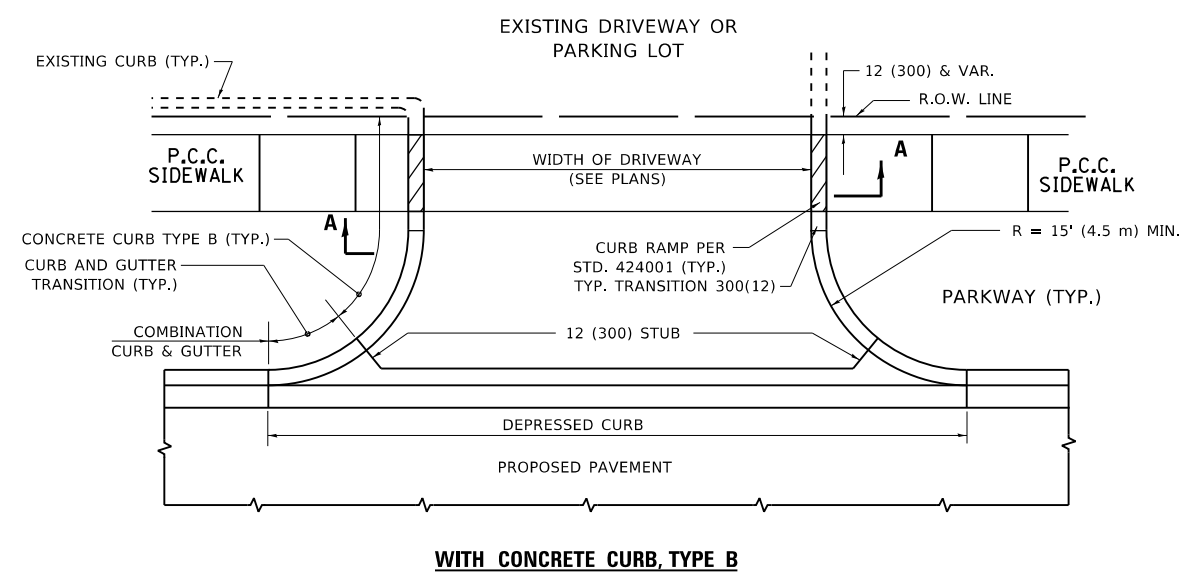
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PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 10/16/2020	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
 IL-173 (ROSECRANS ROAD) AT HILLSIDE AVE & IL-83 (MAIN ST.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	20
CONTRACT NO. 62L03				
ILLINOIS		FED. AID PROJECT		



**GENERAL NOTES:**

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

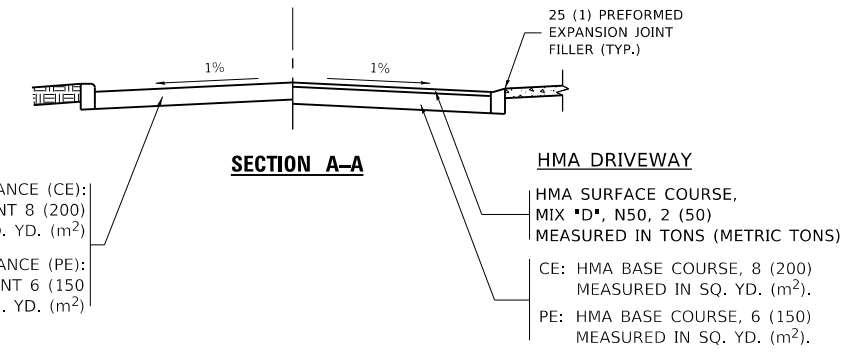
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



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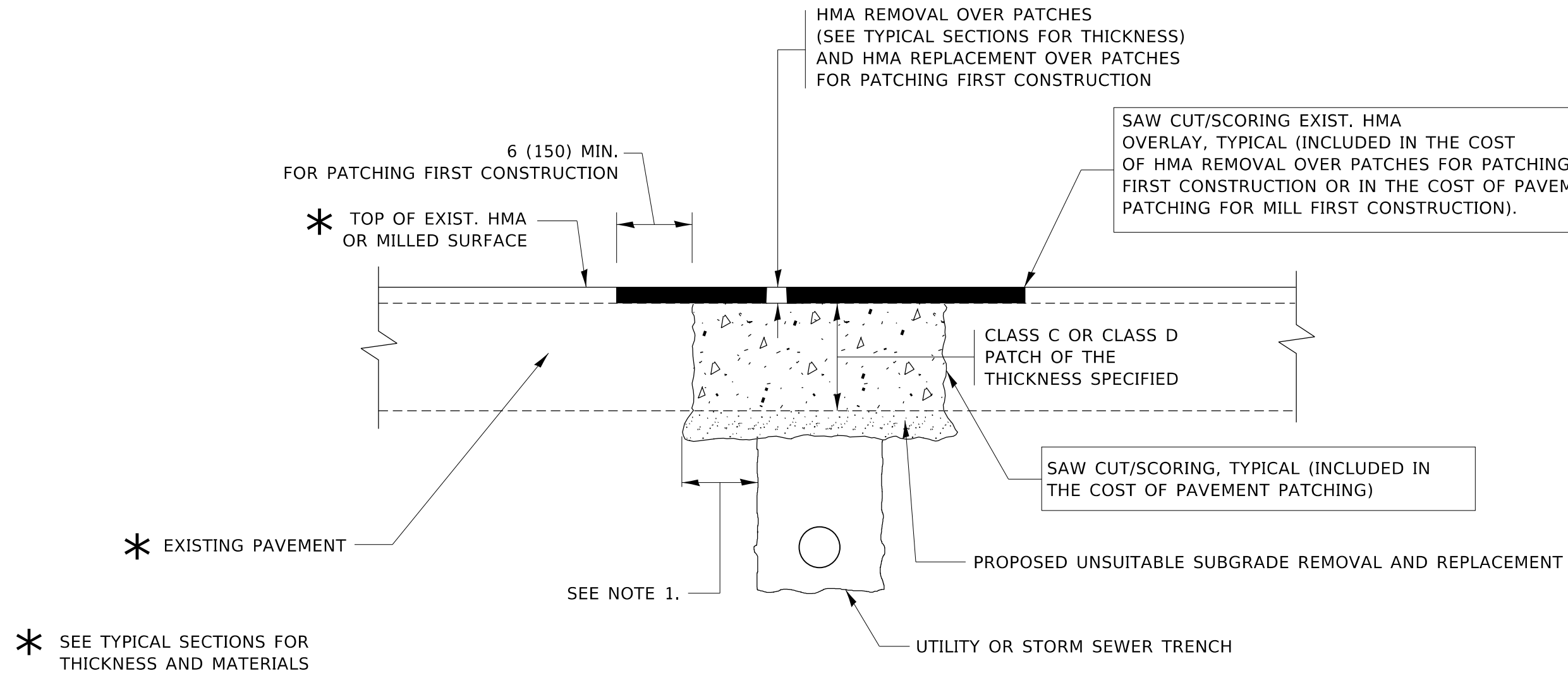
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	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 06-11-08
PLOT DATE = 10/16/2020	DATE - 11-04-95	REVISED - R. BORO 09-06-11

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.  
AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	21
<b>BD400-01 (BD-01)</b>			CONTRACT NO. 62L03	
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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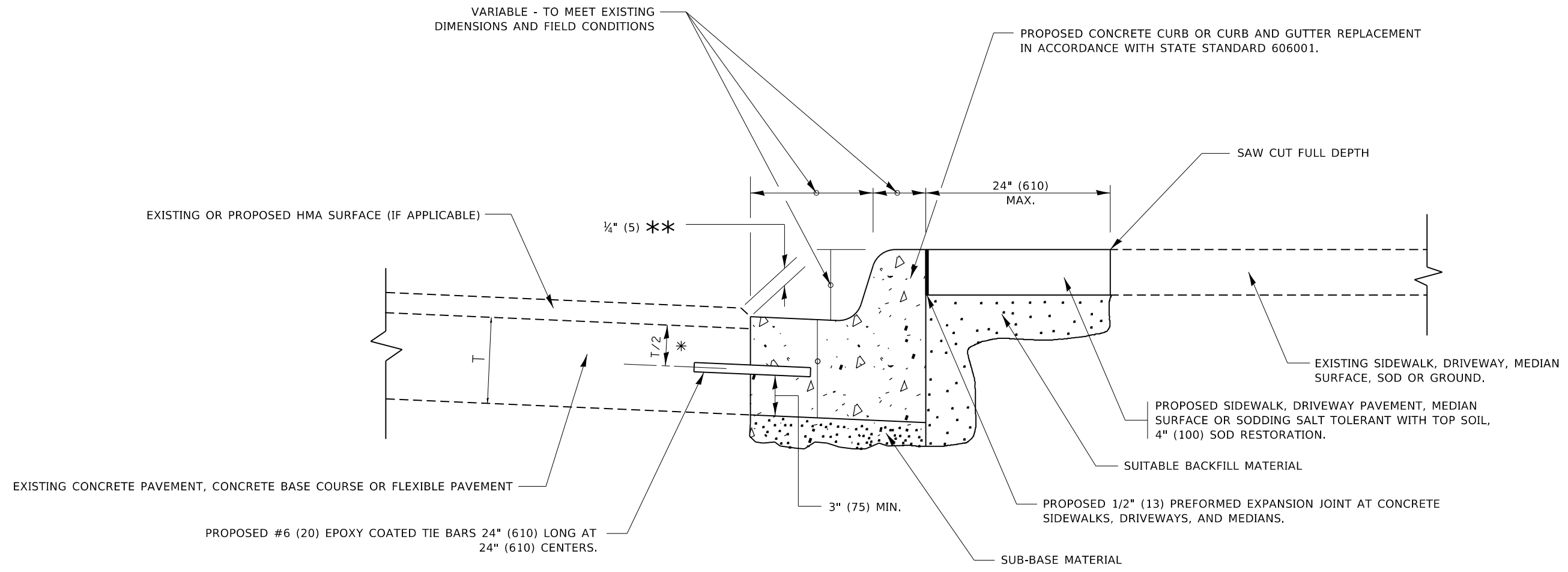
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PLOT DATE = 10/16/2020	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR  
HMA SURFACED PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	22
BD400-04 (BD-22)			CONTRACT NO. 62L03	
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.

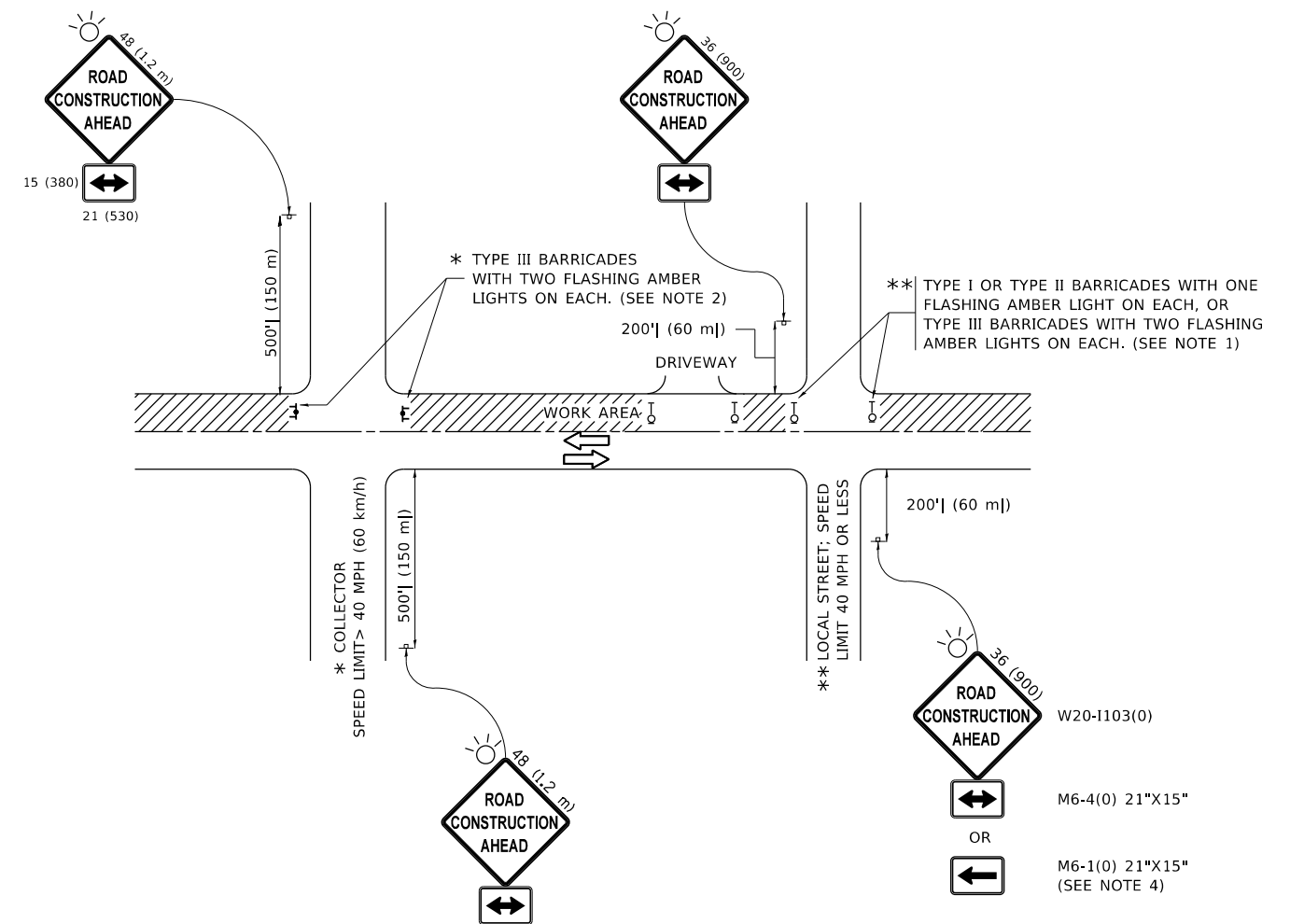
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PLOT DATE = 10/16/2020	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>			
SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	23
<b>BD600-06 (BD-24)</b>		CONTRACT NO. 62L03		
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) 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. 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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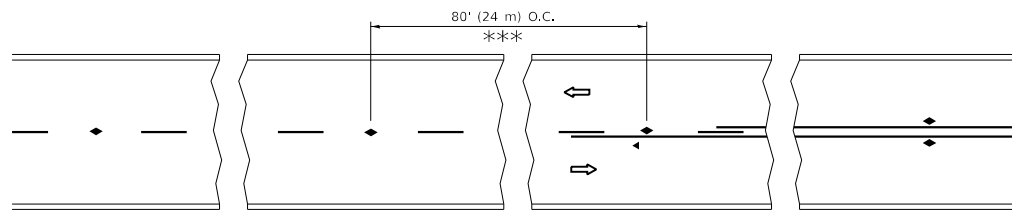
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

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

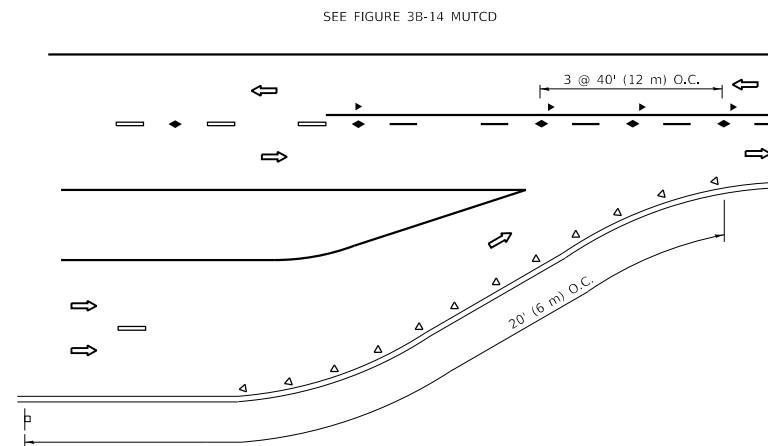
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ILLINOIS FED. AID PROJECT				



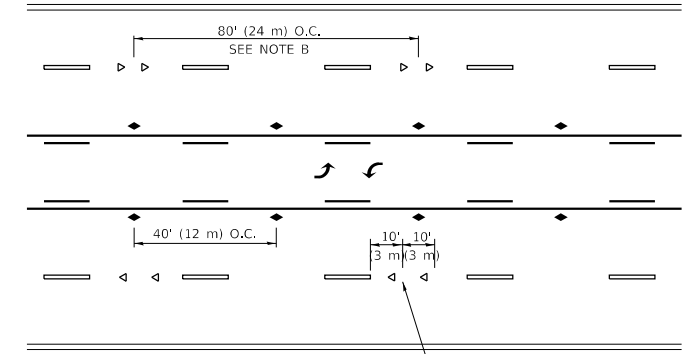


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

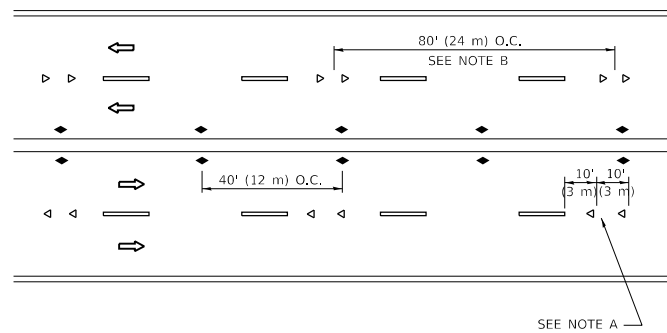
**TWO-LANE/TWO-WAY**



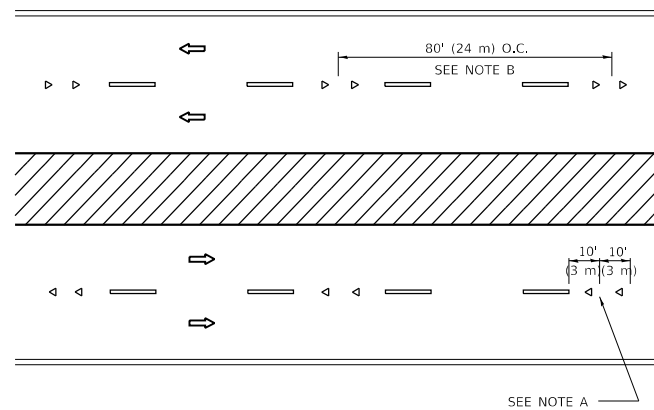
**LANE REDUCTION TRANSITION**



**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**

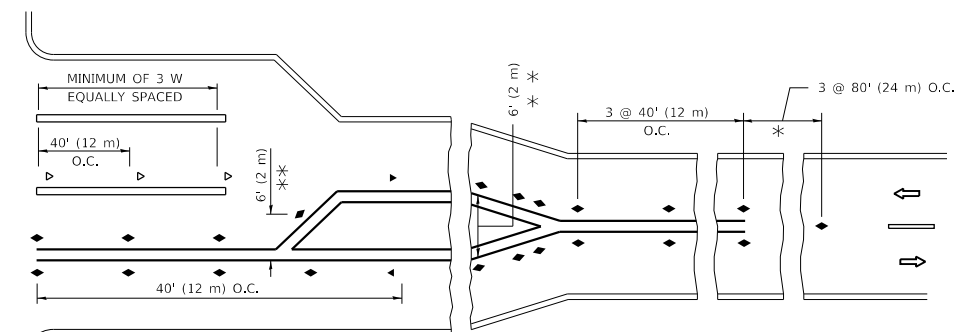
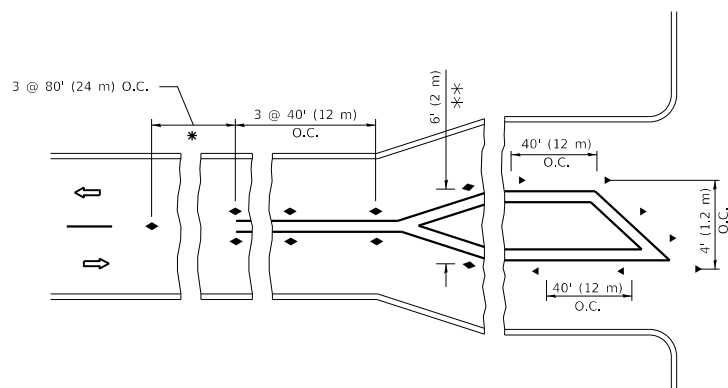
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

**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.



\* 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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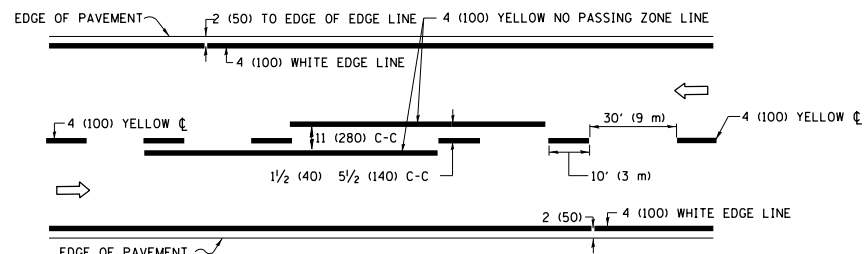
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 10/16/2020	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

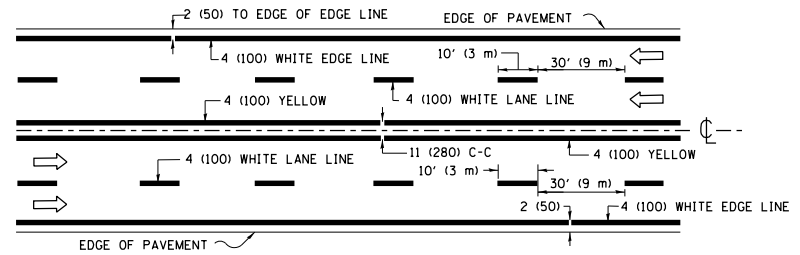
**TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

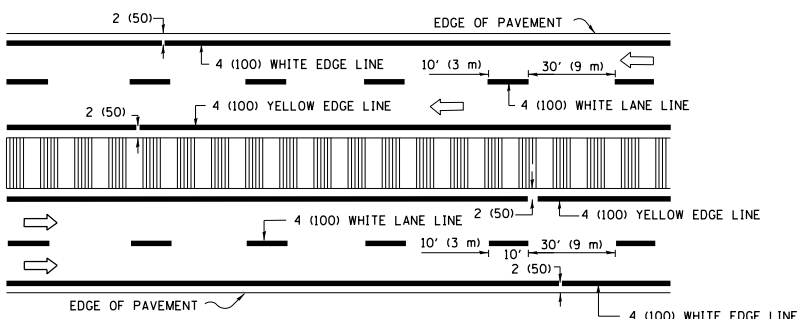
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	25
TC-11			CONTRACT NO. 62L03	
ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

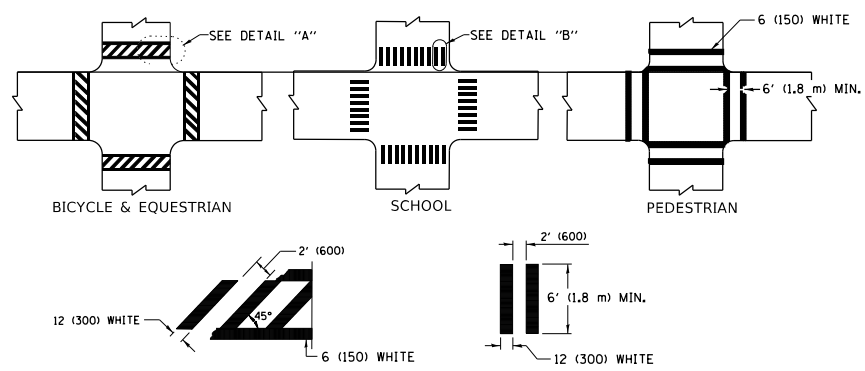


**MULTI-LANE UNDIVIDED**



**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

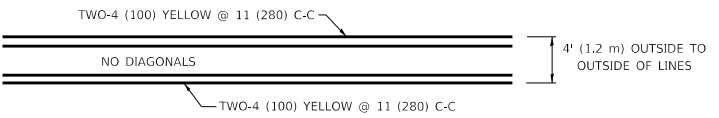


**DETAIL "A"**

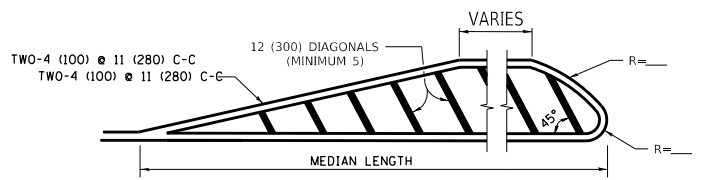
**DETAIL "B"**

**TYPICAL CROSSWALK MARKING**

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

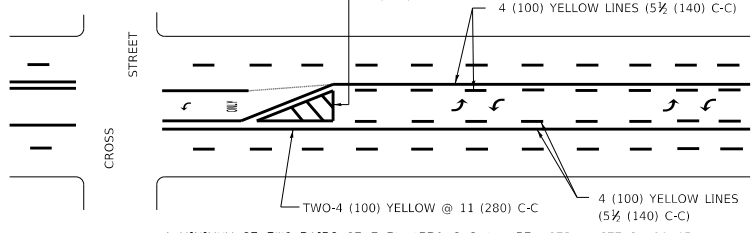


**4' (1.2 m) WIDE MEDIANS ONLY**



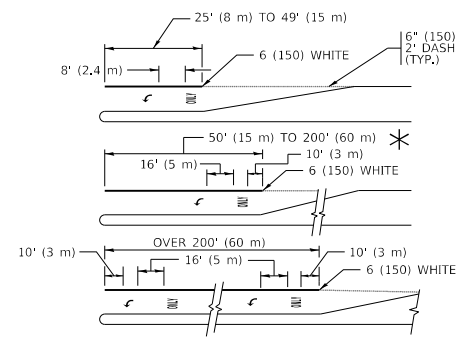
**MEDIANS OVER 4' (1.2 m) WIDE**

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



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

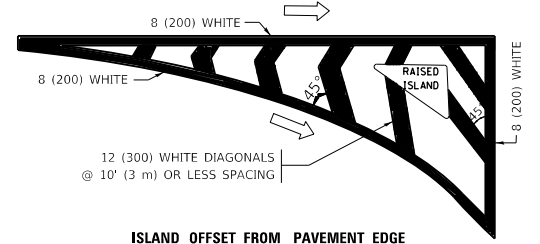
**TYPICAL PAINTED MEDIAN MARKING**



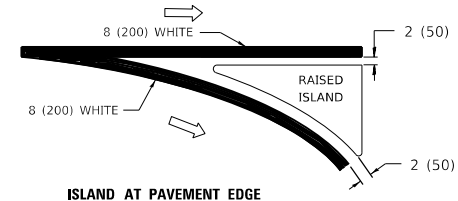
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)  
\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

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

**TYPICAL TURN LANE MARKING**

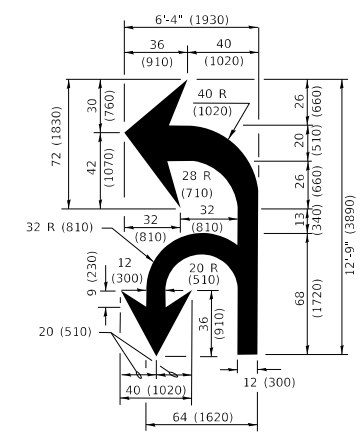


**ISLAND OFFSET FROM PAVEMENT EDGE**

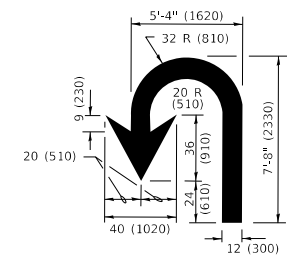


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES *RR* IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH *X*=54.0 SQ. FT. (5.0 m <sup>2</sup> )
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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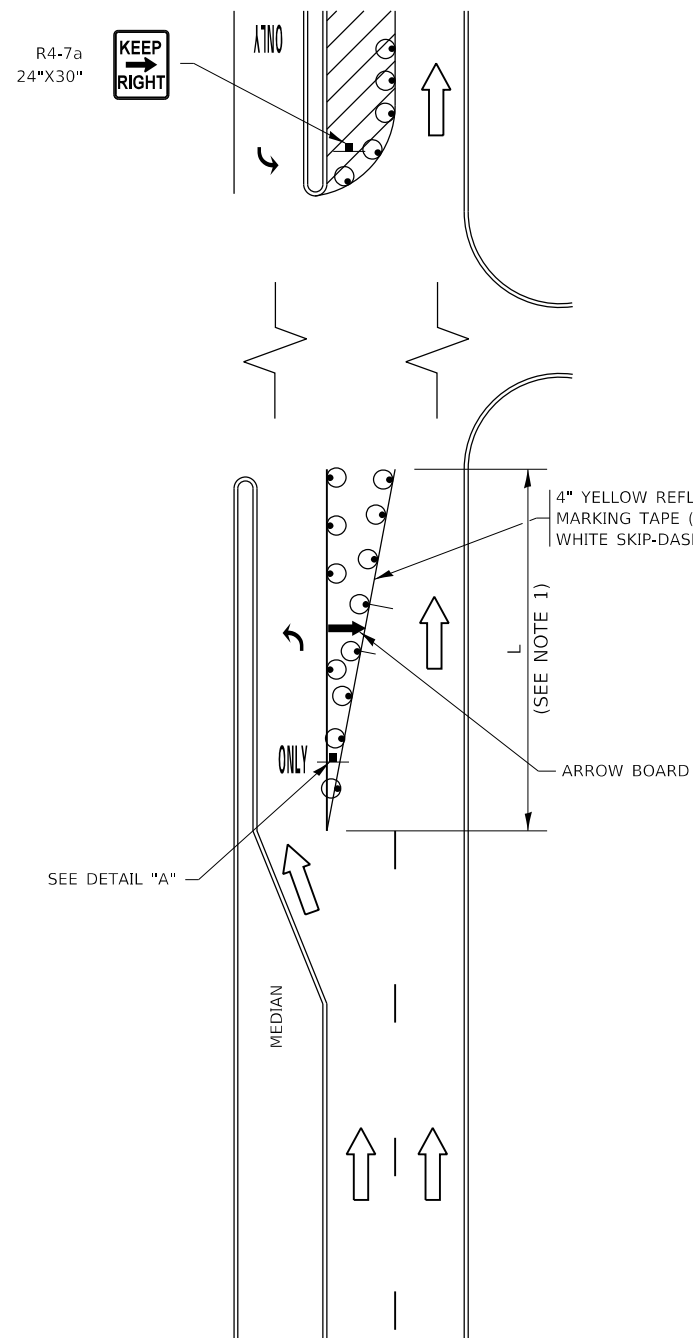
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 10/16/2020	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT ONE TYPICAL PAVEMENT MARKINGS</b>			
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA. TO STA.	

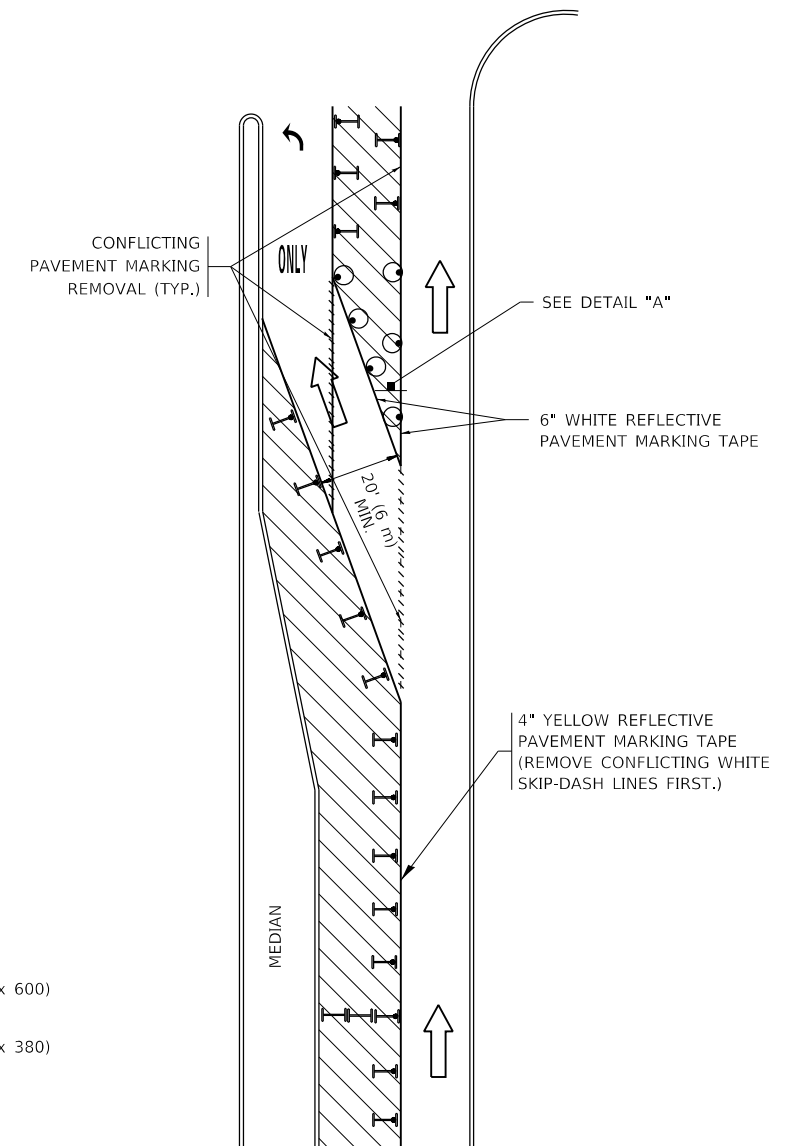
F.A.P. RTE. 303	SECTION 2020-032-R56&SW	COUNTY LAKE	TOTAL SHEETS 29	SHEET NO. 26
<b>TC-13</b>		CONTRACT NO. 62L03		
ILLINOIS FED. AID PROJECT				

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE



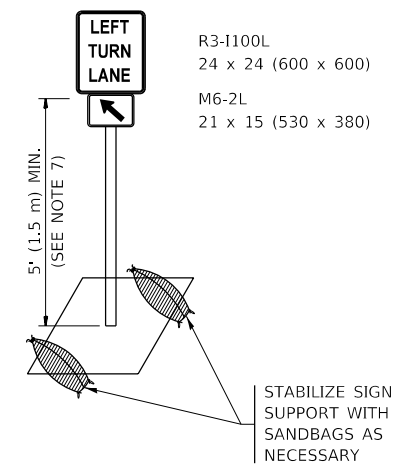
**FIGURE 2**

### 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 ≤ 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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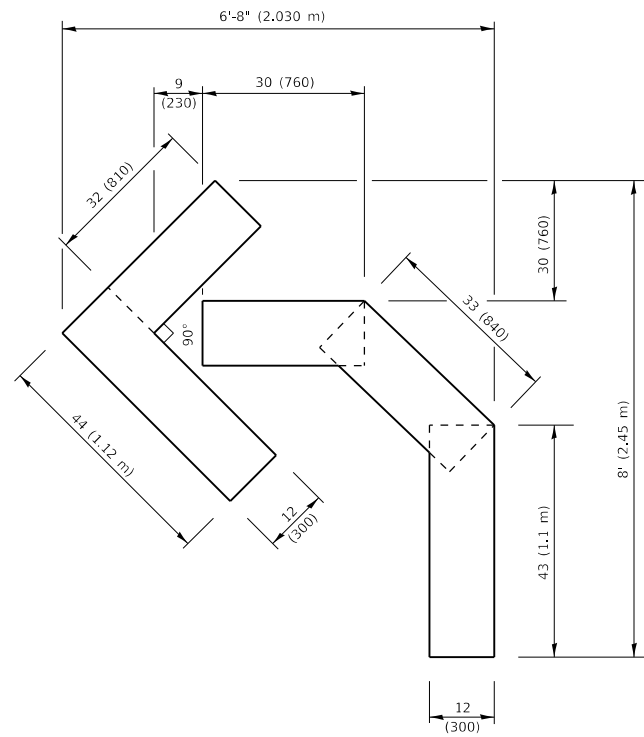
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0010' / In.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 10/16/2020	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

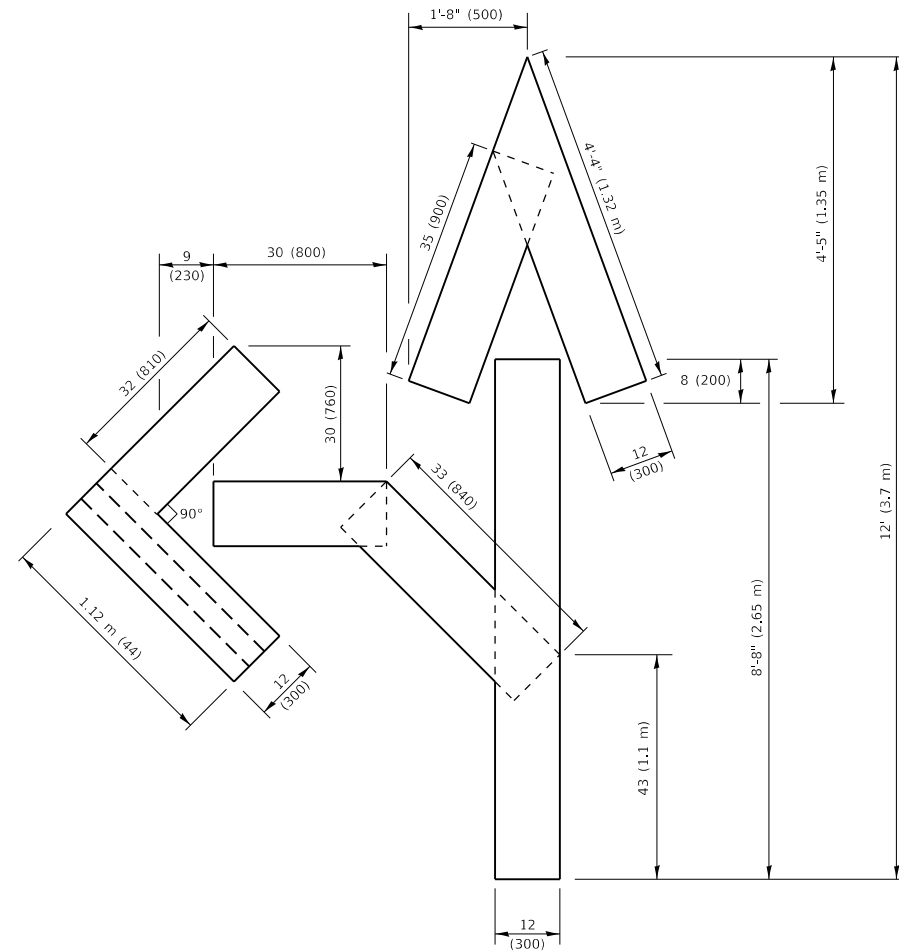
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	TC-14			
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



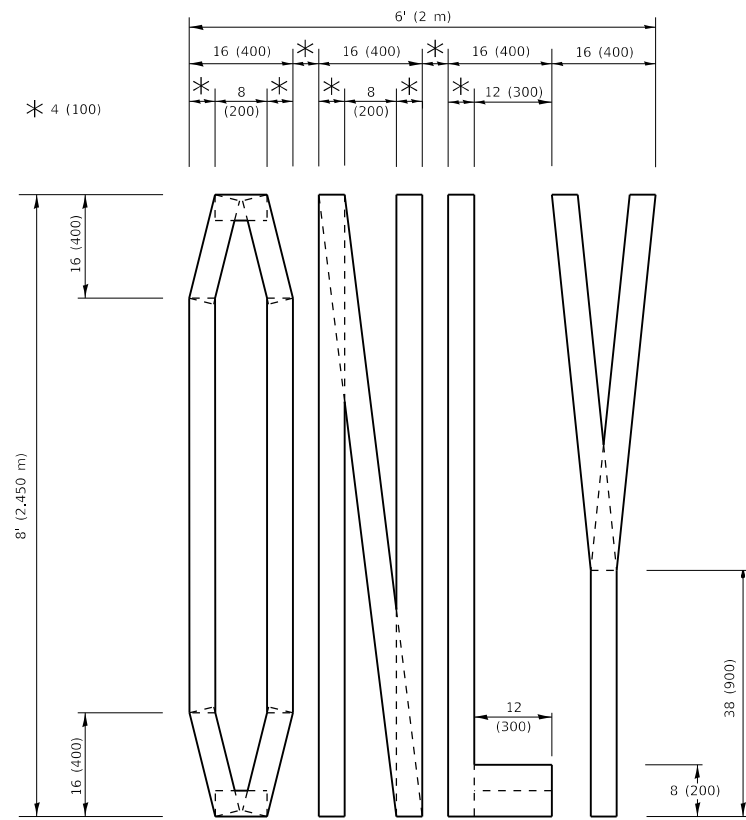
**QUANTITY**

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



**QUANTITY**

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

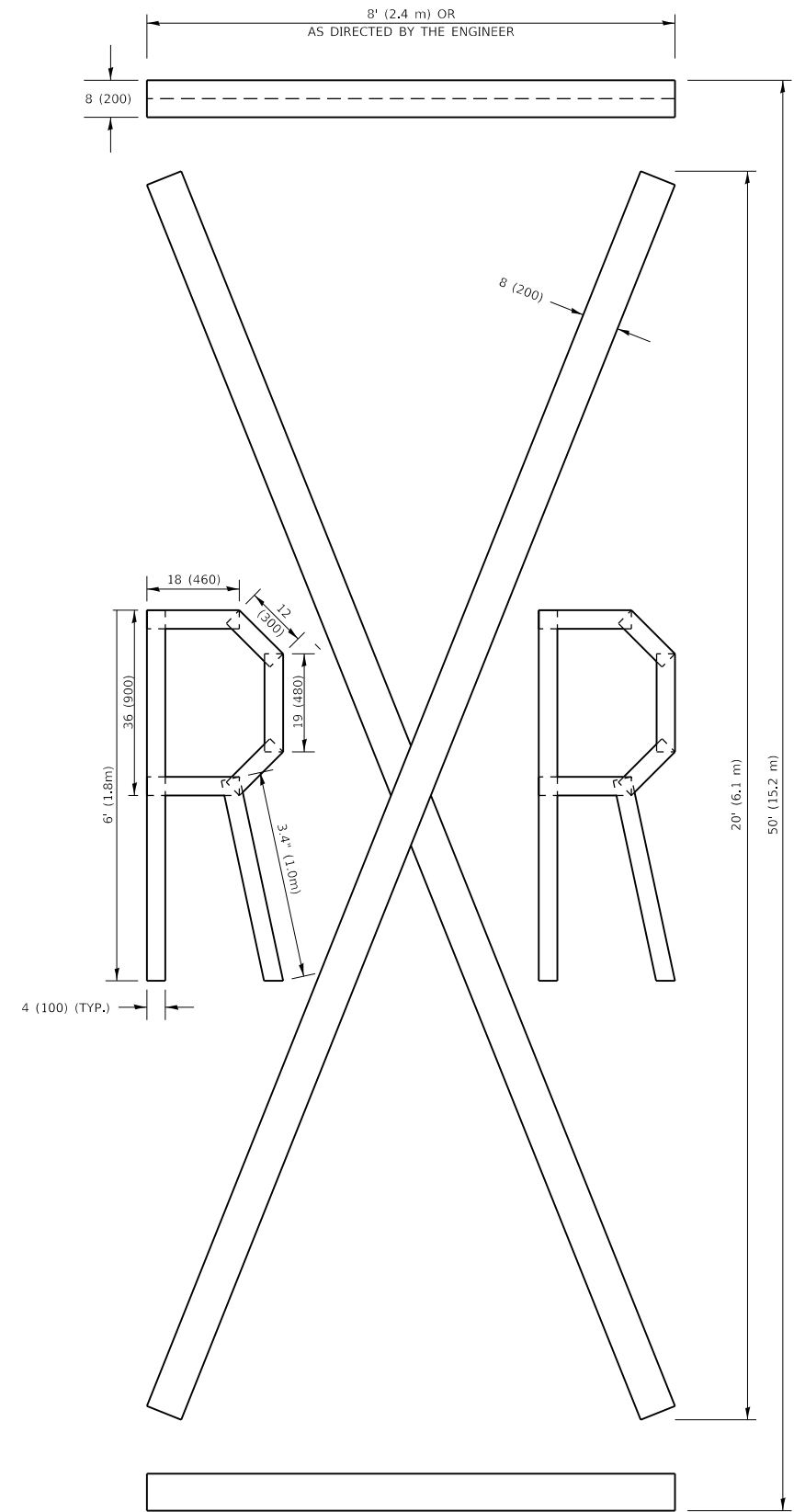


**QUANTITY**

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

**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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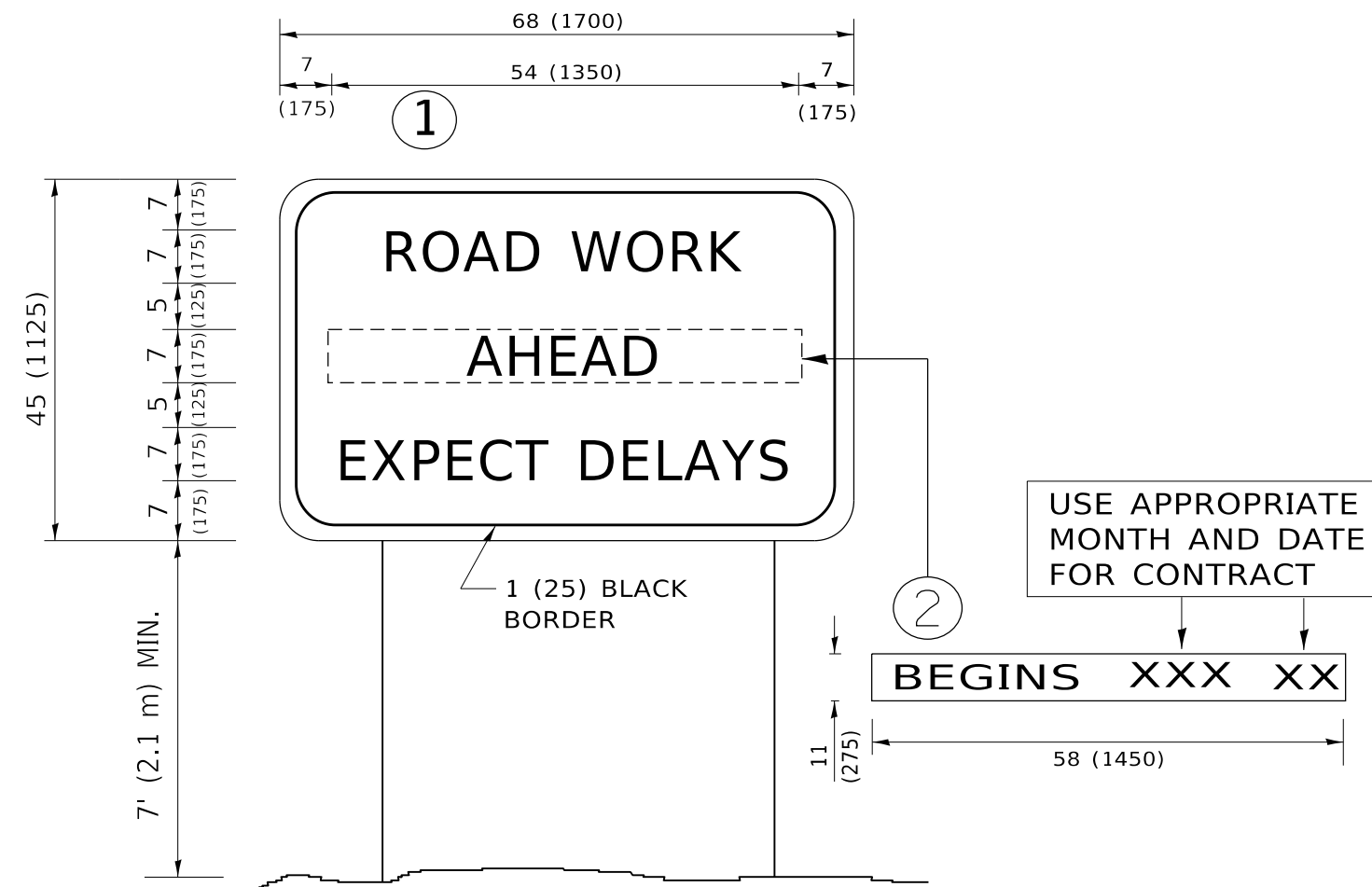
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PLOT DATE = 10/16/2020	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R56SW	LAKE	29	28
<b>TC-16</b>		CONTRACT NO. 62L03		
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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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 10/16/2020	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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	2020-032-R5&SW	LAKE	29	29
<b>TC-22</b>			CONTRACT NO. 62L03	
ILLINOIS FED. AID PROJECT				