

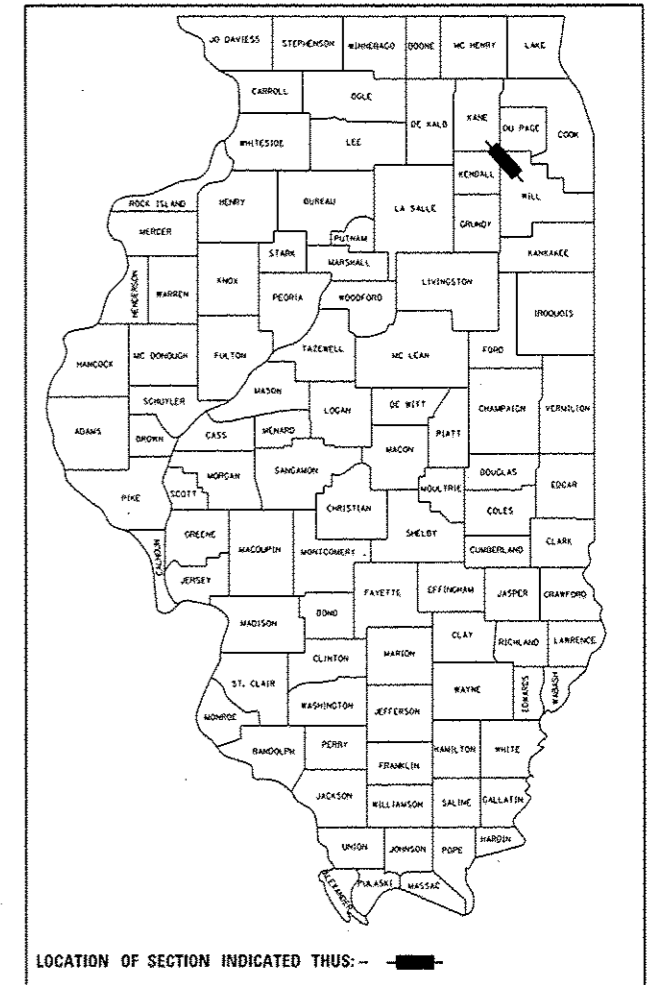
1-20-2017 LETTING ITEM 122

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* 35 + 1 = 36 TOTAL SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	1
		ILLINOIS	CONTRACT NO. 62C38	

D-91-345-16



**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 349 : US ROUTE 30
LINCOLN STATION DR TO 143RD ST
SECTION (15&16)RS-12
PROJECT ACNHPP-0349(018)
RESURFACING
WILL / KENDALL COUNTY

C-91-345-16

FOR INDEX OF SHEETS, SEE SHEET NO. 2

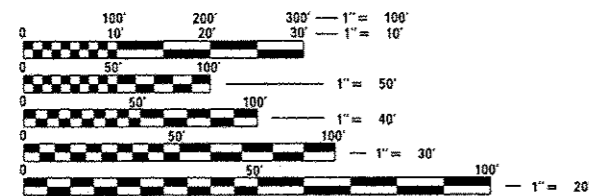
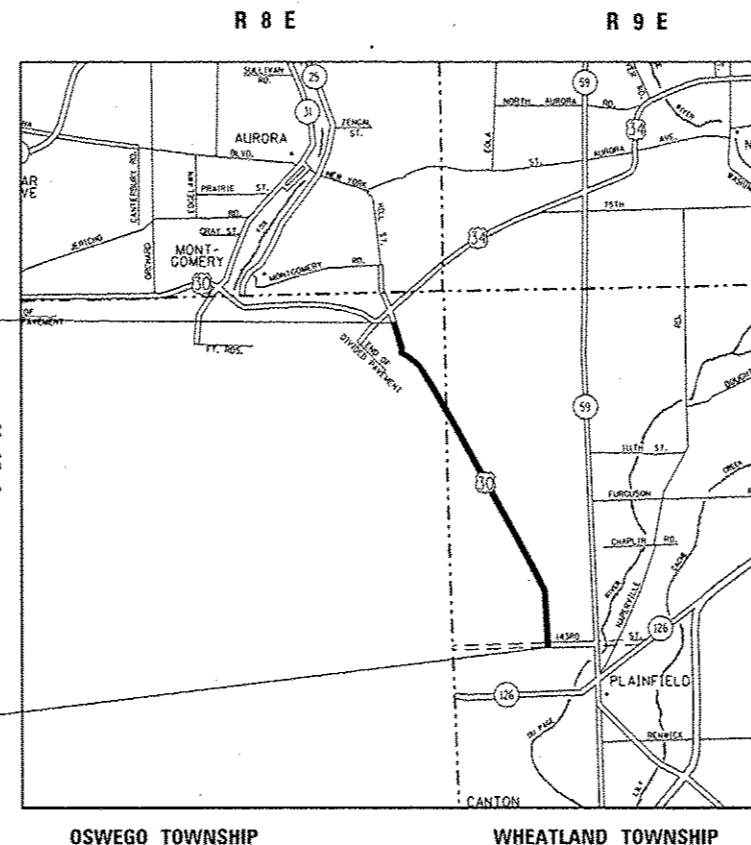
PROJECT IS LOCATED IN THE
VILLAGE OF OSWEGO, THE VILLAGE
OF PLAINFIELD, AND THE CITY OF
AURORA

TRAFFIC DATA:

US ROUTE 30:
2011 ADT = 15,500 - 20,700
SPEED LIMIT = 50 MPH

US ROUTE 30 AT
LINCOLN STATION DR
PROJECT START

US ROUTE 30 AT
143RD ST
PROJECT END



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 ENGINEER JENPAI CHANG (847)705-4432
PROJECT MANAGER FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62C38

GROSS LENGTH = 38,100 FT. = 7.22 MILE
NET LENGTH = 37,350 FT. = 7.01 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED October 20, 2016
John Forthman
REGIONAL ENGINEER

Dec 9 2016
Maureen M. Addis, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 9 2016
Maureen M. Addis
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS:

GENERAL NOTES:

SHEET NO.	DESCRIPTION	STATE STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	442201-03	CLASS C AND D PATCHES
3	SUMMARY OF QUANTITIES	606001-06	CONCRETE CURB AND COMBINATION CONCRETE CURB AND GUTTER
5	TYPICAL SECTIONS	701006-05	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
7	ROADWAY AND PAVEMENT MARKING PLANS	701011-04	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
20	DETECTOR LOOP REPLACEMENT PLANS	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
25	ADA SIDEWALK RAMP DETAILS	701306-03	LANE CLOSURE, 2L, 2W, SLOW FOR SPEEDS > 45 MPH MOVING OPERATIONS DAY ONLY,
27	TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
28	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)	701801-06	SIDEWALK CORNER OR CROSSWALK CLOSURE
29	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701901-06	TRAFFIC CONTROL DEVICES
30	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)	780001-05	TYPICAL PAVEMENT MARKINGS
31	ARTERIAL INFORMATION SIGN (TC-22)		
31A	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS (TC-23)		
32	DETAILS FOR FRAMES & LIDS ADJUSTMENT WITH MILLING (BD-8)		
33	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)		
34	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)		
35	BUTT JOINT AND HMA TAPER DETAILS (BD-32)		

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED).
- 10 FEET (3 METER) TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
- THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF LOCKPORT, ROMEOVILLE AND LEMONT.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (80 KM/H) OR LESS AND 1 INCH (25 MM) WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (80 KM/H) WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 MM) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE RESIDENT ENGINEER SHALL CONTACT ERIC CAMPOS, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR WILL COUNTY, VIA EMAIL AT ERIC.CAMPOS@ILLINOIS.GOV AND, OR AT (815) 485-6475 A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ALL PAVEMENT PATCHING AND COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 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.
- THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

FILE NAME: ... USER NAME: ... DESIGNED: ... REVISED: ... PLOT SCALE: 100,000 / 1" / 1" ... CHECKED: ... REVISED: ... PLOT DATE: 10/31/2016 ... DATE: ... REVISED: ...		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES US-30 AT LINCOLN STATION DR TO 143RD ST				F.A.P. RTE. 349	SECTION 115&16RS-12	COUNTY WILL	TOTAL SHEETS 35	SHEET NO. 2	CONTRACT NO. 62C38
SCALE: SHEET OF SHEETS STA. TO STA. [ILLINOIS] FED. AID PROJECT													

URBAN

CONSTRUCTION TYPE CODE

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	KENDALL FED 80 STATE 20 0005	WILL FED 80 STATE 20 0005				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	41250	10631	30619				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	13750	3544	10206				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	1153.2	364	789.2				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	130459	33574	96885				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	6406	1749	4657				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	391	156	235				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	792	236	556				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	822	159	663				
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	1	1					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1153.2	364	789.2				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	130459	33574	96885				
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	6218	1704	4514				
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	391	156	235				

URBAN

CONSTRUCTION TYPE CODE

SUMMARY OF QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	KENDALL FED 80 STATE 20 0005	WILL FED 80 STATE 20 0005				
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1459	842	617				
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	822	159	663				
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1198	324	874				
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1198	324	874				
88600600	DETECTOR LOOP REPLACEMENT	FOOT	2919	192	2727				
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SO FT	51111	13671	37440				
X2020110	GRADING AND SHAPING SHOULDERS	UNIT	381	91	290				
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	53		53				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	25.7	25.7				
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	48000	10800	37200				
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1		1				
	*SPECIALTY ITEM								

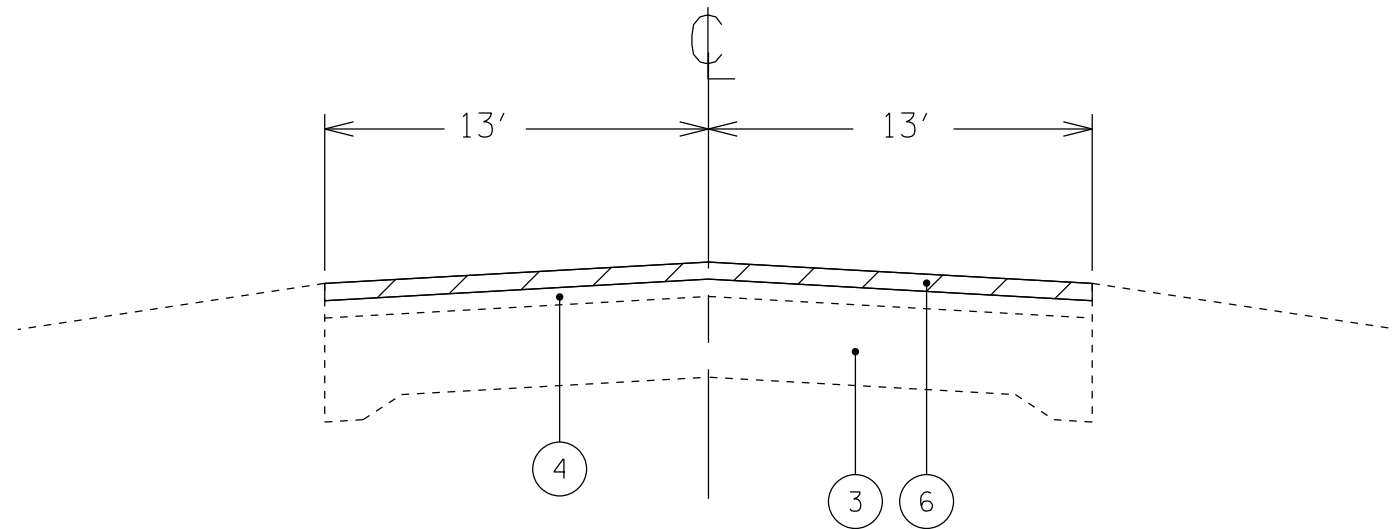
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PLT DATE : 10/31/2006			

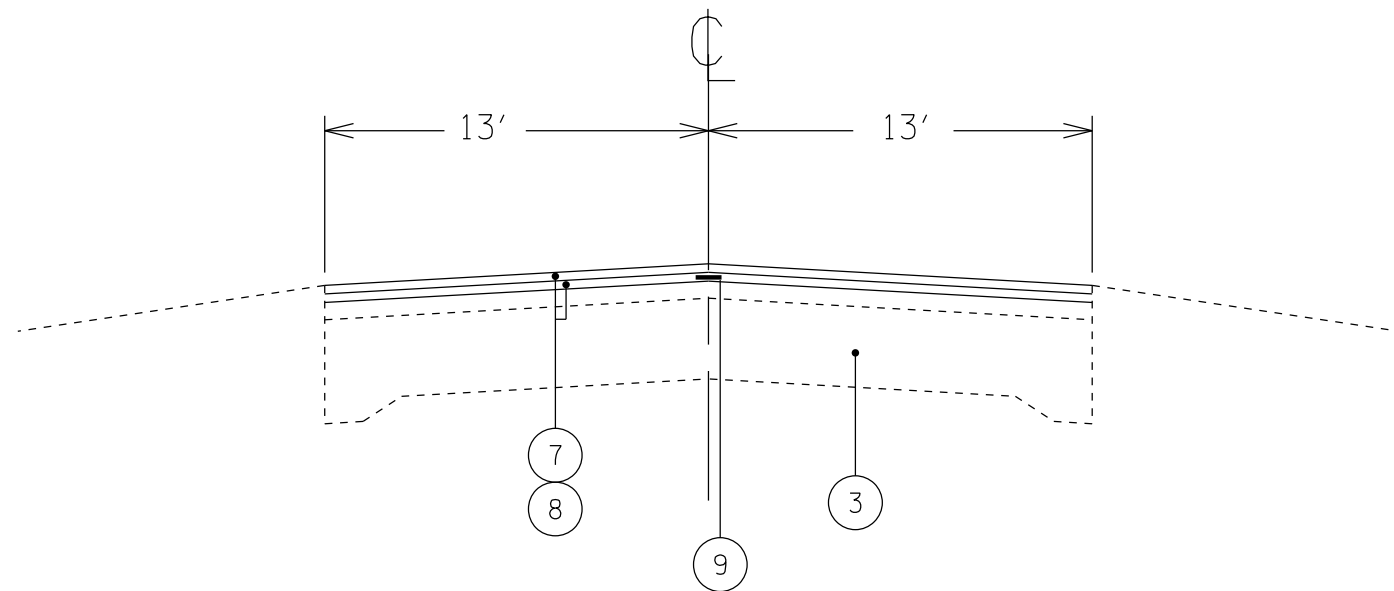
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US-30 AT LINCOLN STATION DR TO 143RD ST			
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	4
CONTRACT NO. 62C38			WILL & KENDALL	



STA 190+00 TO STA 308+00



STA 190+00 TO STA 308+00

LEGEND

- ① EXIST. SUB-BASE
- ② EXIST. PCC BASE COURSE, 9"
- ③ EXIST. PCC PAVEMENT, 9"-6"-9"
- ④ EXIST. HMA SURFACE COURSE, 4"
- ⑤ EXIST. AGGREGATE SHOULDER
- ⑥ PROP. HMA SURFACE REMOVAL, 2 1/4"
- ⑦ PROP. HMA SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑧ PROP. POLY. LEVELING BINDER, N50, 3/4" (MACHINE METHOD)
- ⑨ PROP. HMA LONGITUDINAL JOINT SEALANT
- ⑩ PROP. AGGREGATE WEDGE SHOULDER, TYPE B

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS (%) e NDES	
RESURFACING:		
HMA SURFACE COURSE MIX "D", N70, 1 1/2" (IL-9.5mm)	4% @ 70 GYR.	OCP
POLY. LEVELING BINDER (MM) IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	OCP
HOT-MIX ASPHALT PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm), 11"	4% @ 70 GYR.	OC/OA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm), 2 1/4"	4% @ 70 GYR.	OC/OA
QMP DESIGNATION QUALITY CONTROL/QUALITY ASSURANCE (OC/OA) QUALITY CONTROL FOR PERFORMANCE (OCP)		

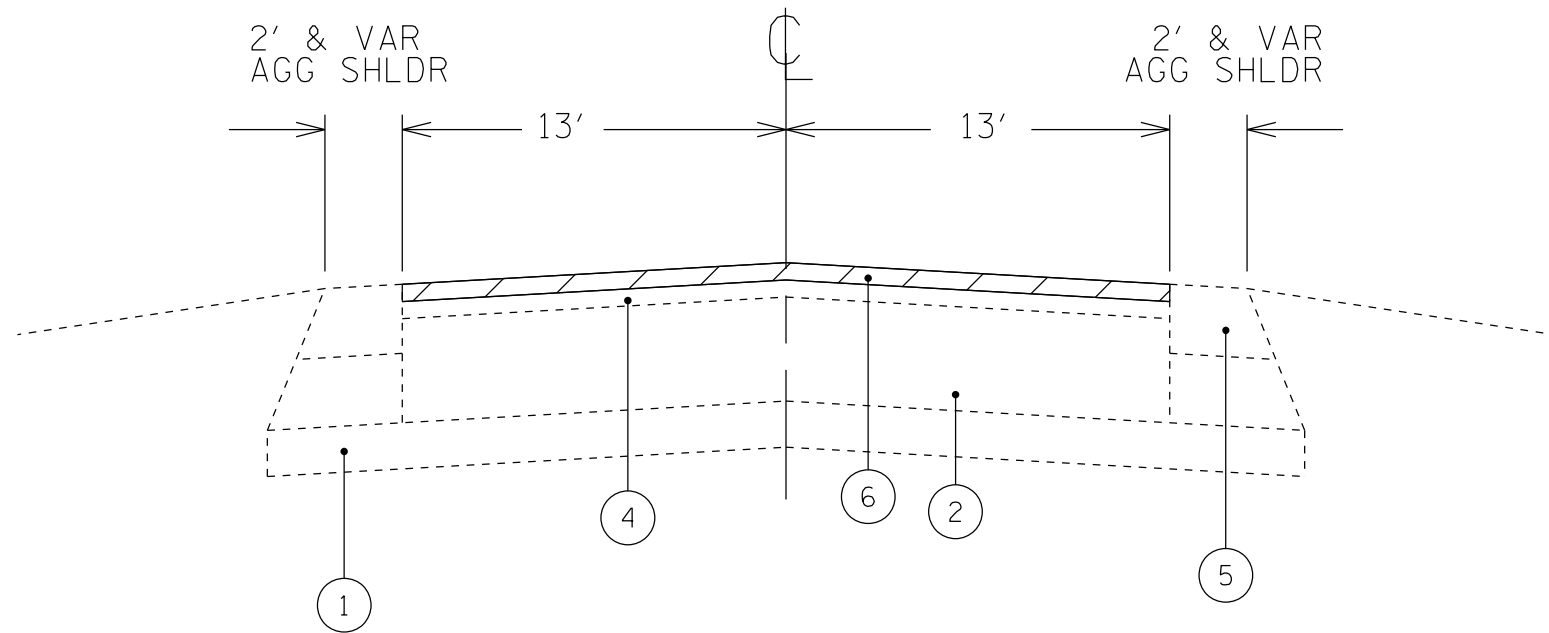
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 POUND PER SQUARE YARD-INCH

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 DISTRICT ONE SPECIAL PROVISIONS.

"FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS".

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

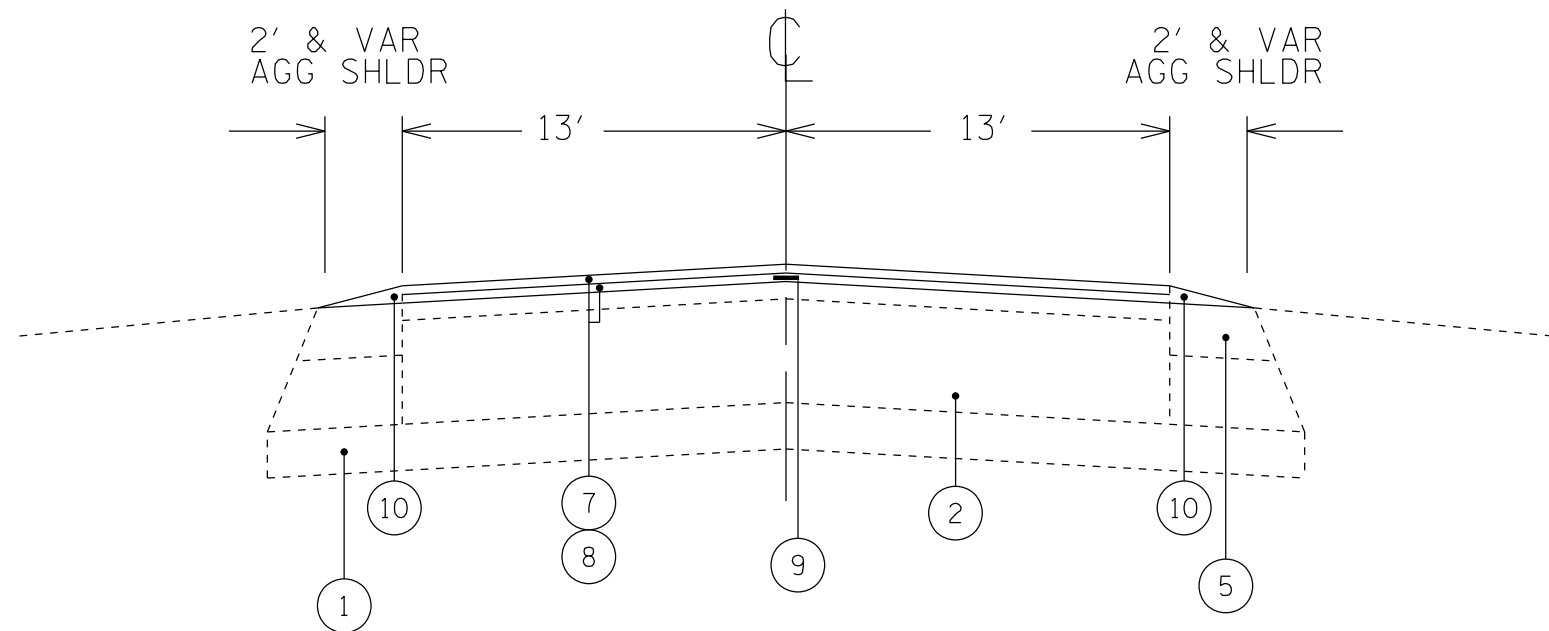
- NOTES:
- HMA LONGITUDINAL JOINT SEALANT SHALL BE APPLIED ON THE ROADWAY AS DESCRIBED IN THE SPECIAL PROVISION
 - PATCHING SHALL BE DONE BEFORE MILLING



STA 39+00 TO STA 116+00
 STA 123+50 TO STA 190+00
 STA 308+00 TO STA 420+00

LEGEND

- ① EXIST. SUB-BASE
- ② EXIST. PCC BASE COURSE, 9"
- ③ EXIST. PCC PAVEMENT, 9"-6"-9"
- ④ EXIST. HMA SURFACE COURSE, 4"
- ⑤ EXIST. AGGREGATE SHOULDER
- ⑥ PROP. HMA SURFACE REMOVAL, 2 1/4"
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STA 39+00 TO STA 116+00
 STA 123+50 TO STA 190+00
 STA 308+00 TO STA 420+00

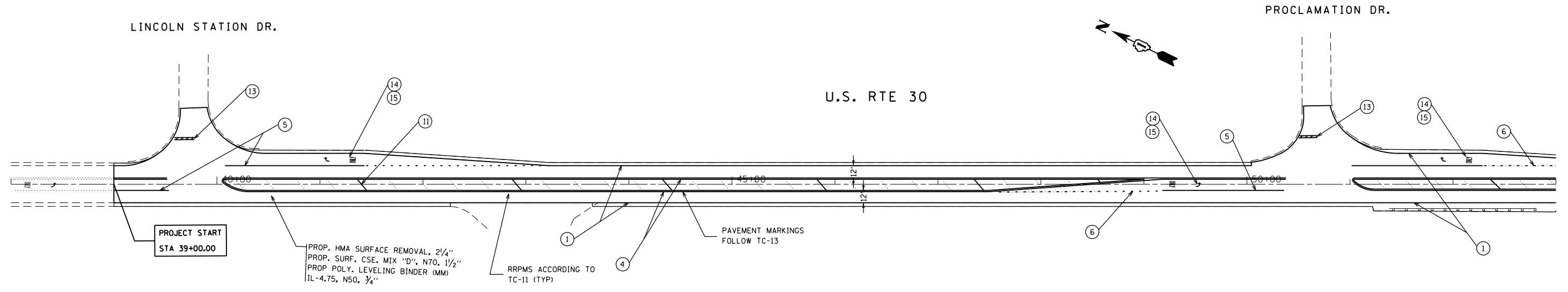
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

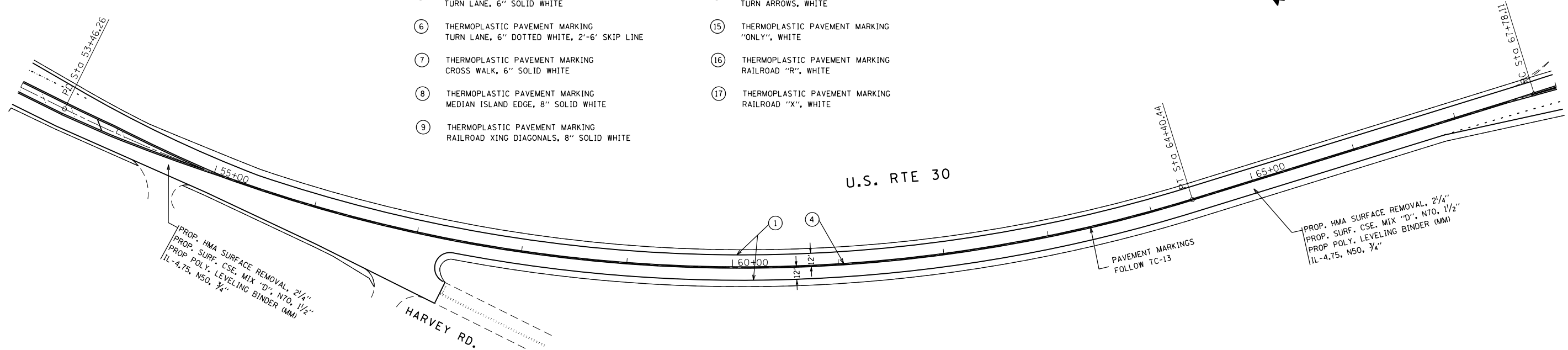
TYPICAL SECTIONS
 US RTE 30 FROM LINCOLN STATION DR TO 143RD ST

SCALE: SHEET OF SHEETS STA. TO STA.

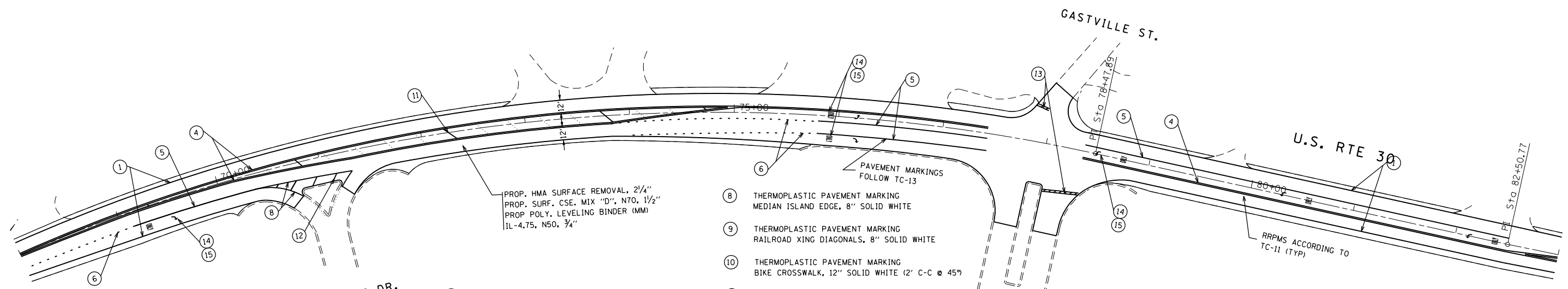
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62C38	



- | | |
|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING
EDGE LINE, 4" SOLID WHITE | ⑩ THERMOPLASTIC PAVEMENT MARKING
BIKE CROSSWALK, 12" SOLID WHITE (2' C-C @ 45°) |
| ② THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE | ⑪ THERMOPLASTIC PAVEMENT MARKING
MEDIAN DIAGONALS, 150' C-C, 12" SOLID YELLOW @ 45° |
| ③ THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" YELLOW LINES, 5 1/2" C-C | ⑫ THERMOPLASTIC PAVEMENT MARKING
MEDIAN ISLAND DIAGONALS, 12" SOLID WHITE @ 45° |
| ④ THERMOPLASTIC PAVEMENT MARKING
MEDIAN EDGE LINE, 4" DOUBLE YELLOW (2 @ 11" C-C) | ⑬ THERMOPLASTIC PAVEMENT MARKING
STOP BAR, 24" SOLID WHITE |
| ⑤ THERMOPLASTIC PAVEMENT MARKING
TURN LANE, 6" SOLID WHITE | ⑭ THERMOPLASTIC PAVEMENT MARKING
TURN ARROWS, WHITE |
| ⑥ THERMOPLASTIC PAVEMENT MARKING
TURN LANE, 6" DOTTED WHITE, 2'-6" SKIP LINE | ⑮ THERMOPLASTIC PAVEMENT MARKING
"ONLY", WHITE |
| ⑦ THERMOPLASTIC PAVEMENT MARKING
CROSS WALK, 6" SOLID WHITE | ⑯ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "R", WHITE |
| ⑧ THERMOPLASTIC PAVEMENT MARKING
MEDIAN ISLAND EDGE, 8" SOLID WHITE | ⑰ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "X", WHITE |
| ⑨ THERMOPLASTIC PAVEMENT MARKING
RAILROAD XING DIAGONALS, 8" SOLID WHITE | |



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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -												CONTRACT NO. 62C38
	PLOT DATE = 10/31/2016														ILLINOIS FED. AID PROJECT



PROP. HMA SURFACE REMOVAL, 2 1/4"
 PROP. SURF. CSE. MIX "D", N70, 1 1/2"
 PROP POLY. LEVELING BINDER (MM)
 IL-4.75, N50, 3/4"

PAVEMENT MARKINGS
 FOLLOW TC-13

RRPMS ACCORDING TO
 TC-II (TYP)

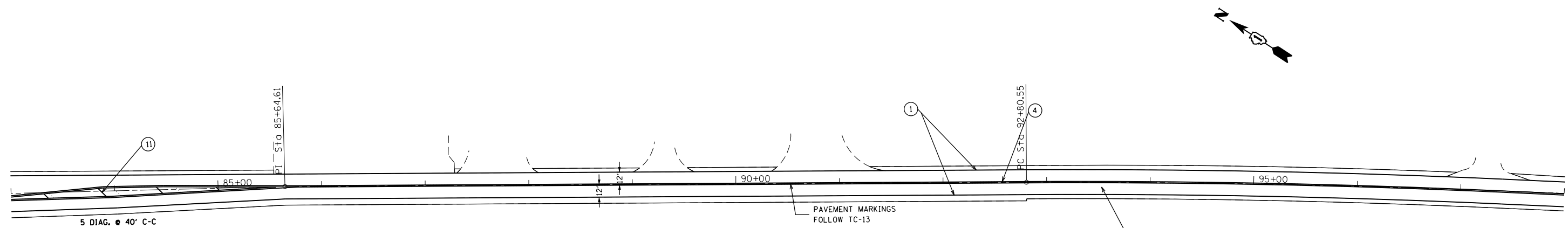
MICHELLE DR.

TREASURE RD.

U.S. RTE 30

- ① THERMOPLASTIC PAVEMENT MARKING
EDGELINE, 4" SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE
- ③ THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" YELLOW LINES, 5 1/2" C-C
- ④ THERMOPLASTIC PAVEMENT MARKING
MEDIAN EDGELINE, 4" DOUBLE YELLOW (2 @ 11" C-C)
- ⑤ THERMOPLASTIC PAVEMENT MARKING
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MEDIAN ISLAND EDGE, 8" SOLID WHITE
- ⑨ THERMOPLASTIC PAVEMENT MARKING
RAILROAD XING DIAGONALS, 8" SOLID WHITE
- ⑩ THERMOPLASTIC PAVEMENT MARKING
BIKE CROSSWALK, 12" SOLID WHITE (2' C-C @ 45°)
- ⑪ THERMOPLASTIC PAVEMENT MARKING
MEDIAN DIAGONALS, 150' C-C, 12" SOLID YELLOW @ 45°
- ⑫ THERMOPLASTIC PAVEMENT MARKING
MEDIAN ISLAND DIAGONALS, 12" SOLID WHITE @ 45°
- ⑬ THERMOPLASTIC PAVEMENT MARKING
STOP BAR, 24" SOLID WHITE
- ⑭ THERMOPLASTIC PAVEMENT MARKING
TURN ARROWS, WHITE
- ⑮ THERMOPLASTIC PAVEMENT MARKING
"ONLY", WHITE
- ⑯ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "R", WHITE
- ⑰ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "X", WHITE



5 DIAG. @ 40' C-C

U.S. RTE 30

PROP. HMA SURFACE REMOVAL, 2 1/4"
 PROP. SURF. CSE. MIX "D", N70, 1 1/2"
 PROP POLY. LEVELING BINDER (MM)
 IL-4.75, N50, 3/4"

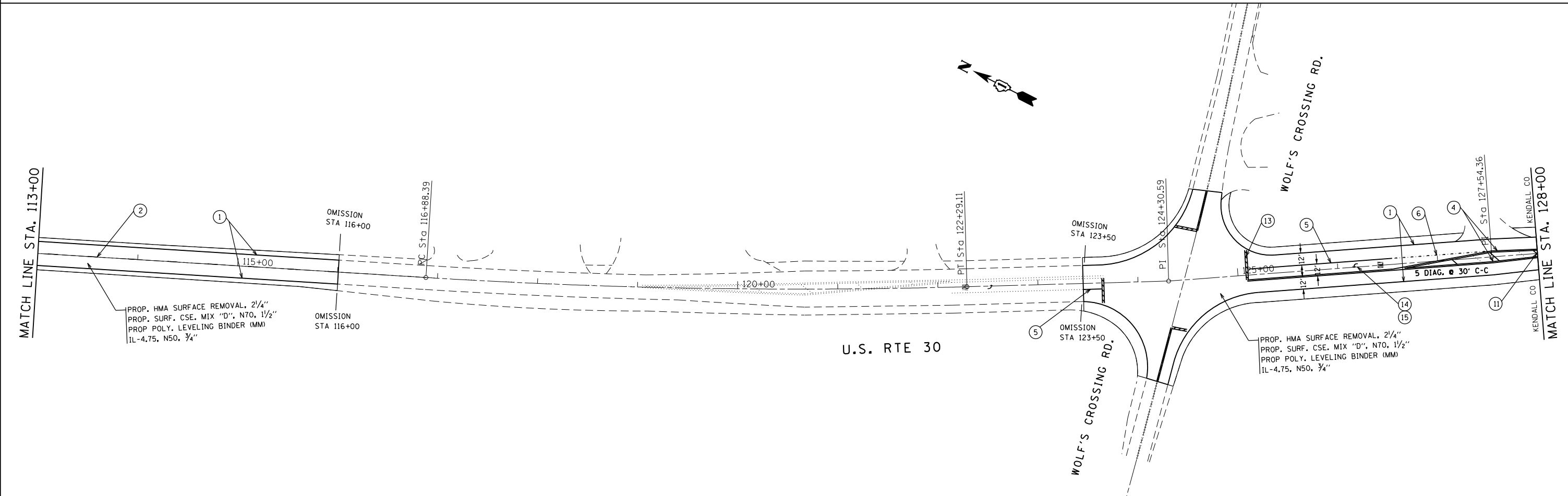
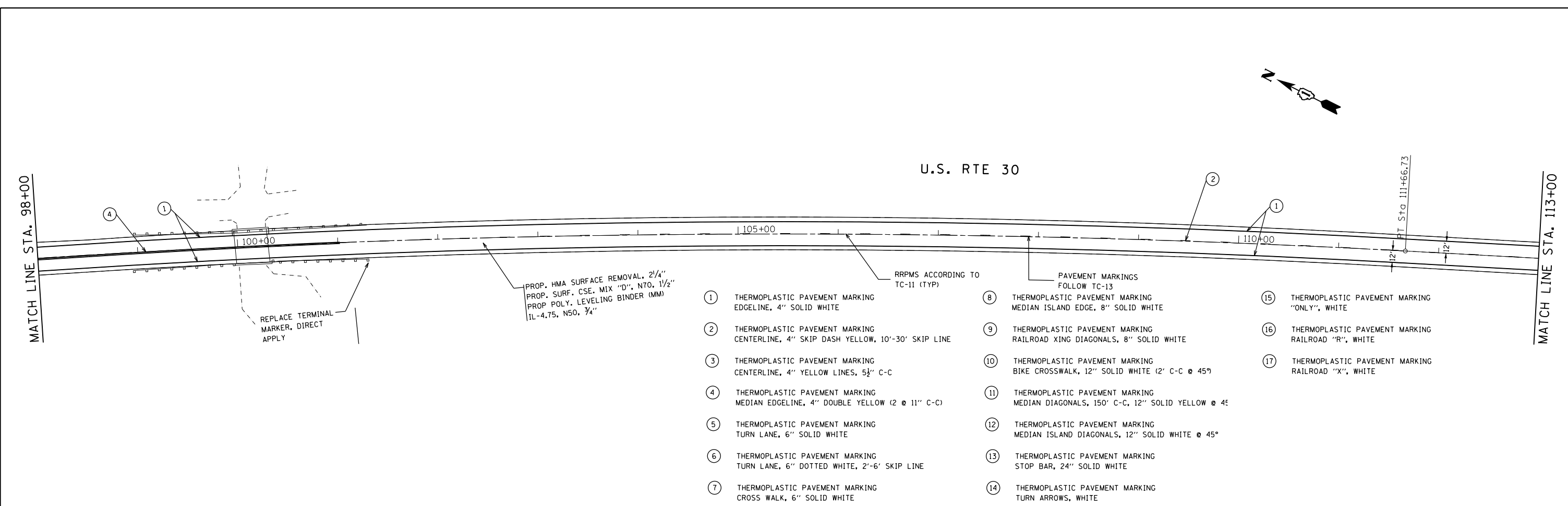
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

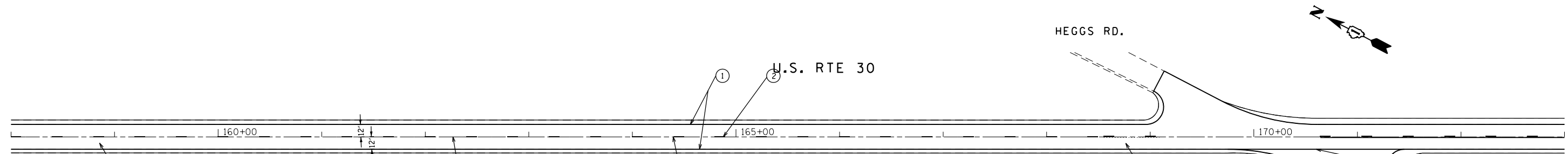
**ROADWAY PLAN
 US ROUTE 30 (N.W. OF LINCOLN STATION DR. - 143RD ST.)**

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

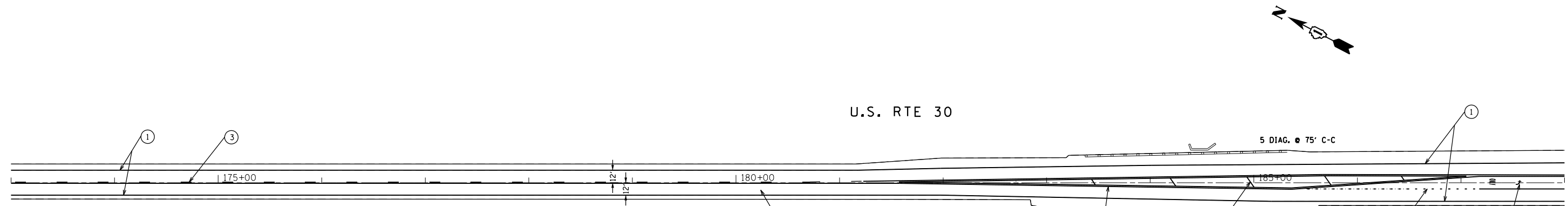
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL & KENDALL	35	8
CONTRACT NO. 62C38				
ILLINOIS FED. AID PROJECT				



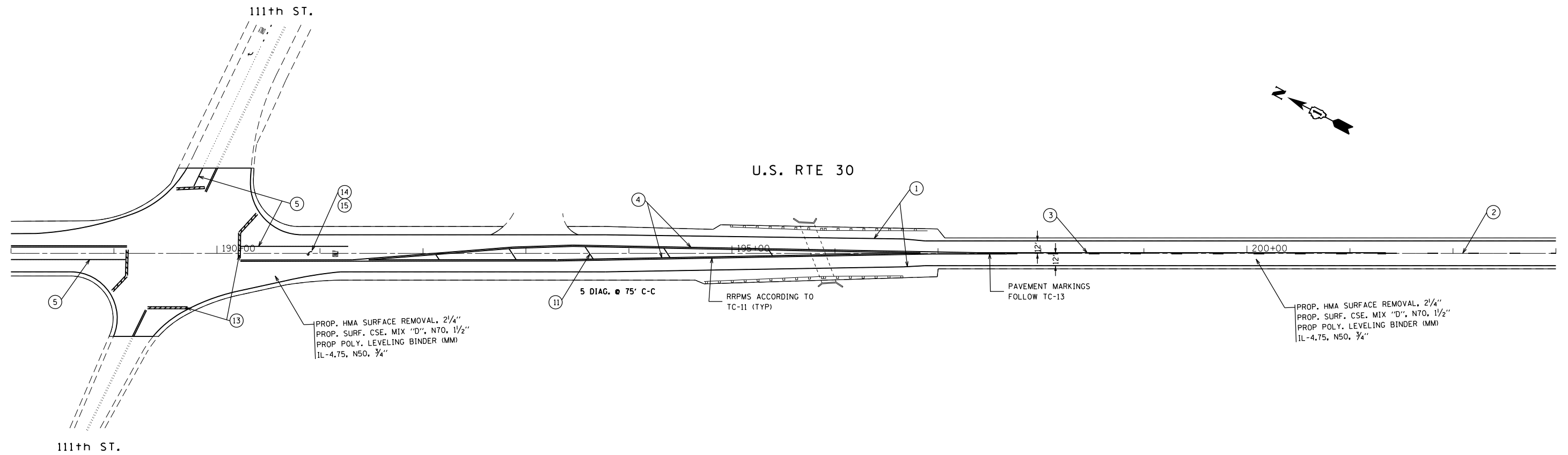
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 62C38					
	PLOT DATE = 12/2/2016					ILLINOIS FED. AID PROJECT					



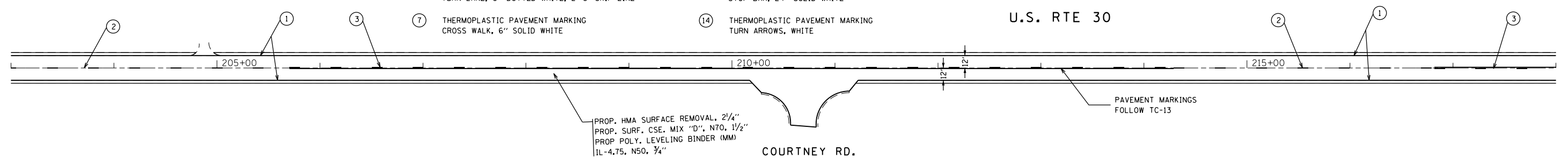
- | | | |
|---|--|---|
| <p>① THERMOPLASTIC PAVEMENT MARKING BRIMS ACCORDING TO EDGELINE, 4" SOLID WHITE TC-11 (TYP)</p> <p>② THERMOPLASTIC PAVEMENT MARKING CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE</p> <p>③ THERMOPLASTIC PAVEMENT MARKING CENTERLINE, 4" YELLOW LINES, 5 1/2' C-C</p> <p>④ THERMOPLASTIC PAVEMENT MARKING MEDIAN EDGELINE, 4" DOUBLE YELLOW (2 @ 11" C-C)</p> <p>⑤ THERMOPLASTIC PAVEMENT MARKING TURN LANE, 6" SOLID WHITE</p> <p>⑥ THERMOPLASTIC PAVEMENT MARKING TURN LANE, 6" DOTTED WHITE, 2'-6" SKIP LINE</p> <p>⑦ THERMOPLASTIC PAVEMENT MARKING CROSS WALK, 6" SOLID WHITE</p> | <p>⑧ THERMOPLASTIC PAVEMENT MARKING MEDIAN ISLAND EDGE, 8" SOLID WHITE</p> <p>⑨ THERMOPLASTIC PAVEMENT MARKING RAILROAD XING DIAGONALS, 8" SOLID WHITE</p> <p>⑩ THERMOPLASTIC PAVEMENT MARKING BIKE CROSSWALK, 12" SOLID WHITE (2' C-C @ 45°)</p> <p>⑪ THERMOPLASTIC PAVEMENT MARKING MEDIAN DIAGONALS, 150' C-C, 12" SOLID YELLOW @ 45°</p> <p>⑫ THERMOPLASTIC PAVEMENT MARKING MEDIAN ISLAND DIAGONALS, 12" SOLID WHITE @ 45°</p> <p>⑬ THERMOPLASTIC PAVEMENT MARKING STOP BAR, 24" SOLID WHITE</p> <p>⑭ THERMOPLASTIC PAVEMENT MARKING TURN ARROWS, WHITE</p> | <p>⑮ THERMOPLASTIC PAVEMENT MARKING "ONLY", WHITE</p> <p>⑯ THERMOPLASTIC PAVEMENT MARKING RAILROAD "R", WHITE</p> <p>⑰ THERMOPLASTIC PAVEMENT MARKING RAILROAD "X", WHITE</p> |
|---|--|---|



FILE NAME = p:\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\134516\Design\134516-shr-plan.dgn	USER NAME = ledezmar	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN		F.A.P. RTE. = 349	SECTION = (15&16)RS-12	COUNTY = WILL & KENDALL	TOTAL SHEETS = 35	SHEET NO. = 11
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		US ROUTE 30 (N.W. OF LINCOLN STATION DR. - 143RD ST.)		SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62C38	
Default	PLOT DATE = 10/31/2016	DATE -	REVISED -							ILLINOIS FED. AID PROJECT	

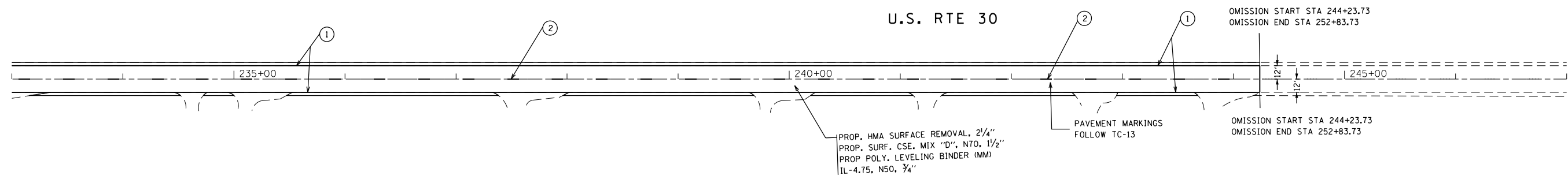
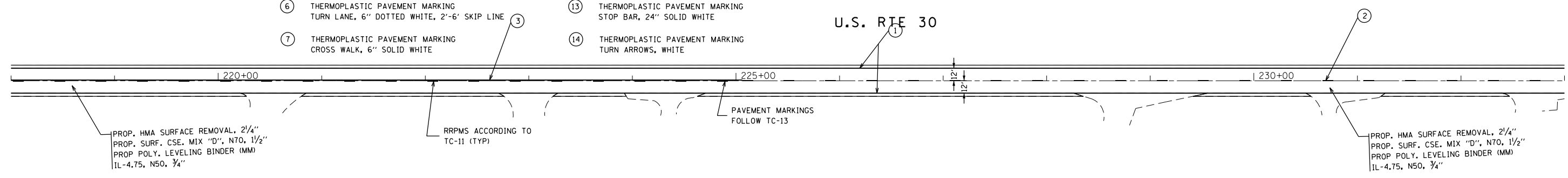


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|--|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING
EDGE LINE, 4" SOLID WHITE | ⑧ THERMOPLASTIC PAVEMENT MARKING
MEDIAN ISLAND EDGE, 8" SOLID WHITE | ⑮ THERMOPLASTIC PAVEMENT MARKING
"ONLY", WHITE |
| ② THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE | ⑨ THERMOPLASTIC PAVEMENT MARKING
RAILROAD XING DIAGONALS, 8" SOLID WHITE | ⑯ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "R", WHITE |
| ③ THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" YELLOW LINES, 5 1/2" C-C | ⑩ THERMOPLASTIC PAVEMENT MARKING
BIKE CROSSWALK, 12" SOLID WHITE (2' C-C @ 45°) | ⑰ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "X", WHITE |
| ④ THERMOPLASTIC PAVEMENT MARKING
MEDIAN EDGE LINE, 4" DOUBLE YELLOW (2 @ 11" C-C) | ⑪ THERMOPLASTIC PAVEMENT MARKING
MEDIAN DIAGONALS, 150' C-C, 12" SOLID YELLOW @ 45° | |
| ⑤ THERMOPLASTIC PAVEMENT MARKING
TURN LANE, 6" SOLID WHITE | ⑫ THERMOPLASTIC PAVEMENT MARKING
MEDIAN ISLAND DIAGONALS, 12" SOLID WHITE @ 45° | |
| ⑥ THERMOPLASTIC PAVEMENT MARKING
TURN LANE, 6" DOTTED WHITE, 2'-6' SKIP LINE | ⑬ THERMOPLASTIC PAVEMENT MARKING
STOP BAR, 24" SOLID WHITE | |
| ⑦ THERMOPLASTIC PAVEMENT MARKING
CROSS WALK, 6" SOLID WHITE | ⑭ THERMOPLASTIC PAVEMENT MARKING
TURN ARROWS, WHITE | |



FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN US ROUTE 30 (N.W. OF LINCOLN STATION DR. - 143RD ST.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI34516\Design\DI34516-shr-pln.dgn	DRWN	REVISED -	REVISED -			349	(15&16)RS-12	WILL & KENDALL	35	12
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 62C38				
Default	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE: 1" = 50'	SHEET	OF	SHEETS	STA. TO STA.

- ① THERMOPLASTIC PAVEMENT MARKING
EDGELINE, 4" SOLID WHITE
- ② THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE
- ③ THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" YELLOW LINES, 5½" C-C
- ④ THERMOPLASTIC PAVEMENT MARKING
MEDIAN EDGELINE, 4" DOUBLE YELLOW (2 @ 11" C-C)
- ⑤ THERMOPLASTIC PAVEMENT MARKING
TURN LANE, 6" SOLID WHITE
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TURN LANE, 6" DOTTED WHITE, 2'-6" SKIP LINE
- ⑦ THERMOPLASTIC PAVEMENT MARKING
CROSS WALK, 6" SOLID WHITE
- ⑧ THERMOPLASTIC PAVEMENT MARKING
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RAILROAD XING DIAGONALS, 8" SOLID WHITE
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BIKE CROSSWALK, 12" SOLID WHITE (2' C-C @ 45°)
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- ⑬ THERMOPLASTIC PAVEMENT MARKING
STOP BAR, 24" SOLID WHITE
- ⑭ THERMOPLASTIC PAVEMENT MARKING
TURN ARROWS, WHITE
- ⑮ THERMOPLASTIC PAVEMENT MARKING
"ONLY", WHITE
- ⑯ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "R", WHITE
- ⑰ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "X", WHITE



FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED -
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		DATE -	REVISED -

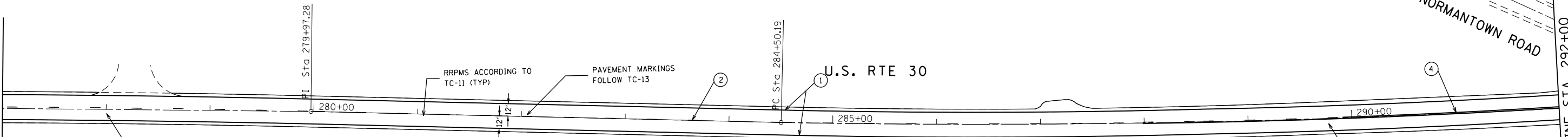
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
US ROUTE 30 (N.W. OF LINCOLN STATION DR. - 143RD ST.)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16RS-12)	WILL & KENDALL	35	13
CONTRACT NO. 62C38				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 277+00



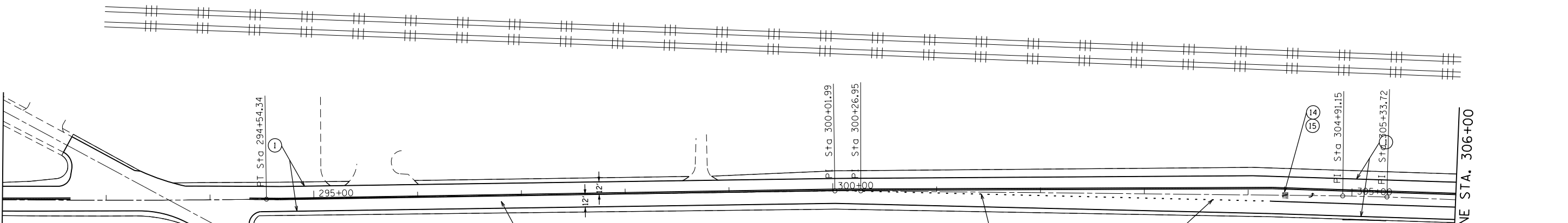
PROP. HMA SURFACE REMOVAL, 2 1/4"
PROP. SURF. CSE. MIX "D", N70, 1 1/2"
PROP POLY. LEVELING BINDER (MM)
IL-4.75, N50, 3/4"

- | | | |
|--|--|---|
| ① THERMOPLASTIC PAVEMENT MARKING
EDGE LINE, 4" SOLID WHITE | ⑧ THERMOPLASTIC PAVEMENT MARKING
MEDIAN ISLAND EDGE, 8" SOLID WHITE | ⑮ THERMOPLASTIC PAVEMENT MARKING
"ONLY", WHITE |
| ② THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE | ⑨ THERMOPLASTIC PAVEMENT MARKING
RAILROAD XING DIAGONALS, 8" SOLID WHITE | ⑯ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "R", WHITE |
| ③ THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" YELLOW LINES, 5 1/2" C-C | ⑩ THERMOPLASTIC PAVEMENT MARKING
BIKE CROSSWALK, 12" SOLID WHITE (2' C-C @ 45°) | ⑰ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "X", WHITE |
| ④ THERMOPLASTIC PAVEMENT MARKING
MEDIAN EDGE LINE, 4" DOUBLE YELLOW (2 @ 11" C-C) | ⑪ THERMOPLASTIC PAVEMENT MARKING
MEDIAN DIAGONALS, 150' C-C, 12" SOLID YELLOW @ 45° | |
| ⑤ THERMOPLASTIC PAVEMENT MARKING
TURN LANE, 6" SOLID WHITE | ⑫ THERMOPLASTIC PAVEMENT MARKING
MEDIAN ISLAND DIAGONALS, 12" SOLID WHITE @ 45° | |
| ⑥ THERMOPLASTIC PAVEMENT MARKING
TURN LANE, 6" DOTTED WHITE, 2'-6" SKIP LINE | ⑬ THERMOPLASTIC PAVEMENT MARKING
STOP BAR, 24" SOLID WHITE | |
| ⑦ THERMOPLASTIC PAVEMENT MARKING
CROSS WALK, 6" SOLID WHITE | ⑭ THERMOPLASTIC PAVEMENT MARKING
TURN ARROWS, WHITE | |

PROP. HMA SURFACE REMOVAL, 2 1/4"
PROP. SURF. CSE. MIX "D", N70, 1 1/2"
PROP POLY. LEVELING BINDER (MM)
IL-4.75, N50, 3/4"

MATCH LINE STA. 292+00

MATCH LINE STA. 292+00



PROP. HMA SURFACE REMOVAL, 2 1/4"
PROP. SURF. CSE. MIX "D", N70, 1 1/2"
PROP POLY. LEVELING BINDER (MM)
IL-4.75, N50, 3/4"

U.S. RTE. 30 (LINCOLN HIGHWAY)

PAVEMENT MARKINGS
FOLLOW TC-13

252nd AVENUE

MATCH LINE STA. 306+00

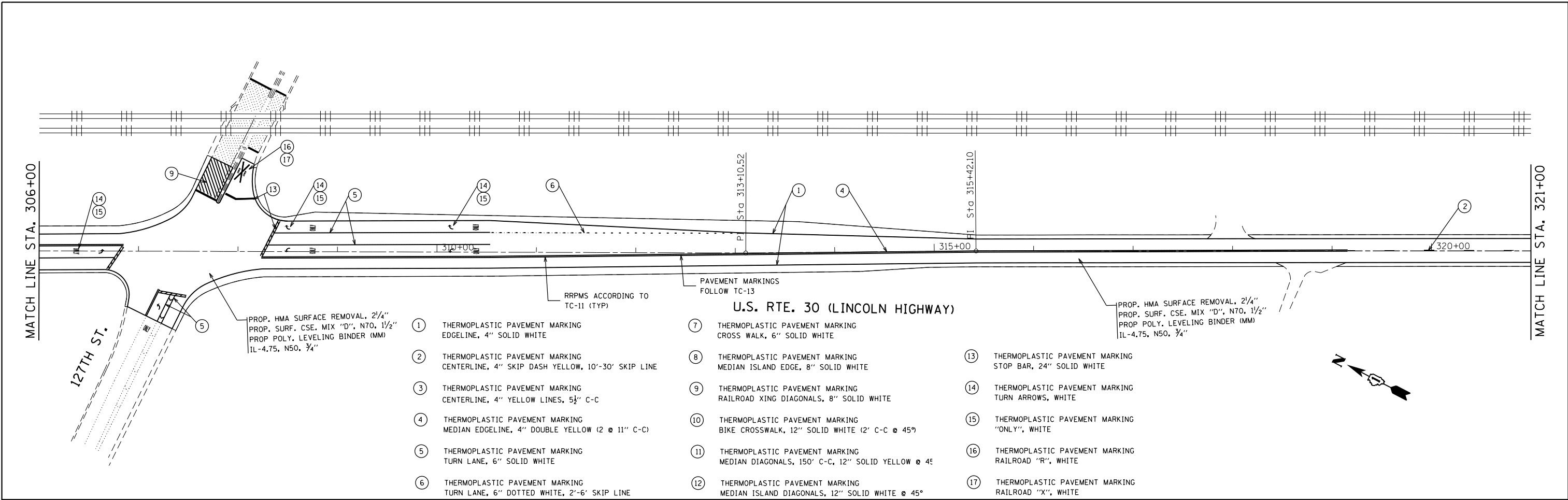
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Default	PLOT DATE = 12/2/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

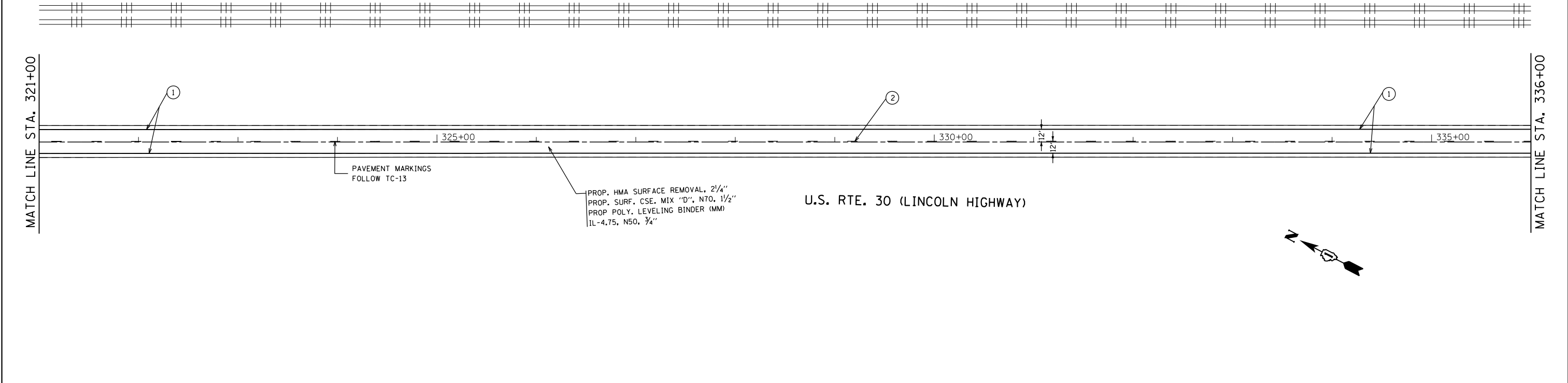
ROADWAY PLAN
US ROUTE 30 (N.W. OF LINCOLN STATION DR. - 143RD ST.)

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

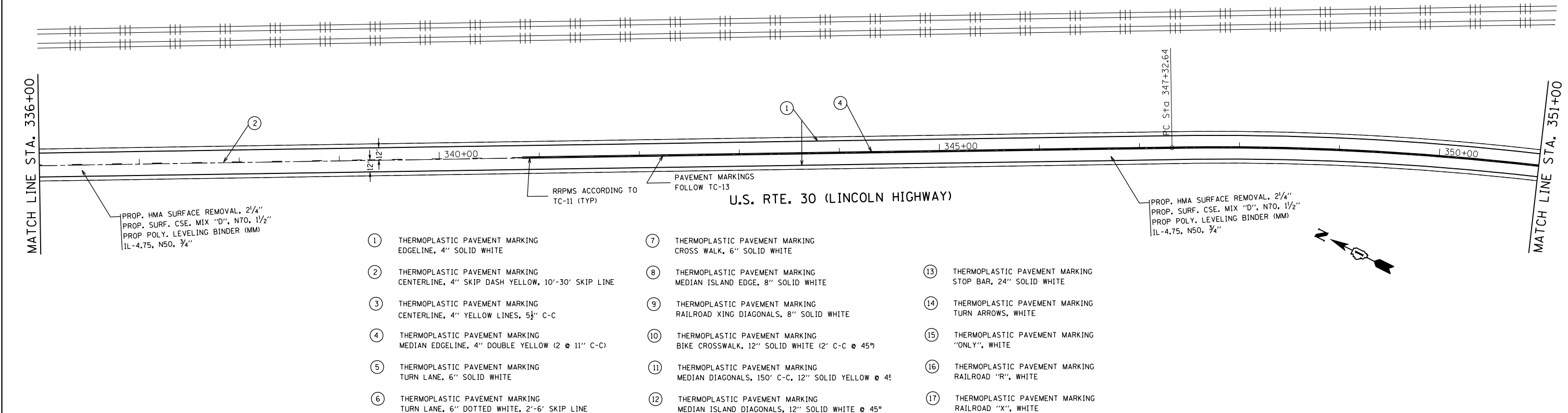
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL & KENDALL	35	15
CONTRACT NO. 62C38				
ILLINOIS FED. AID PROJECT				



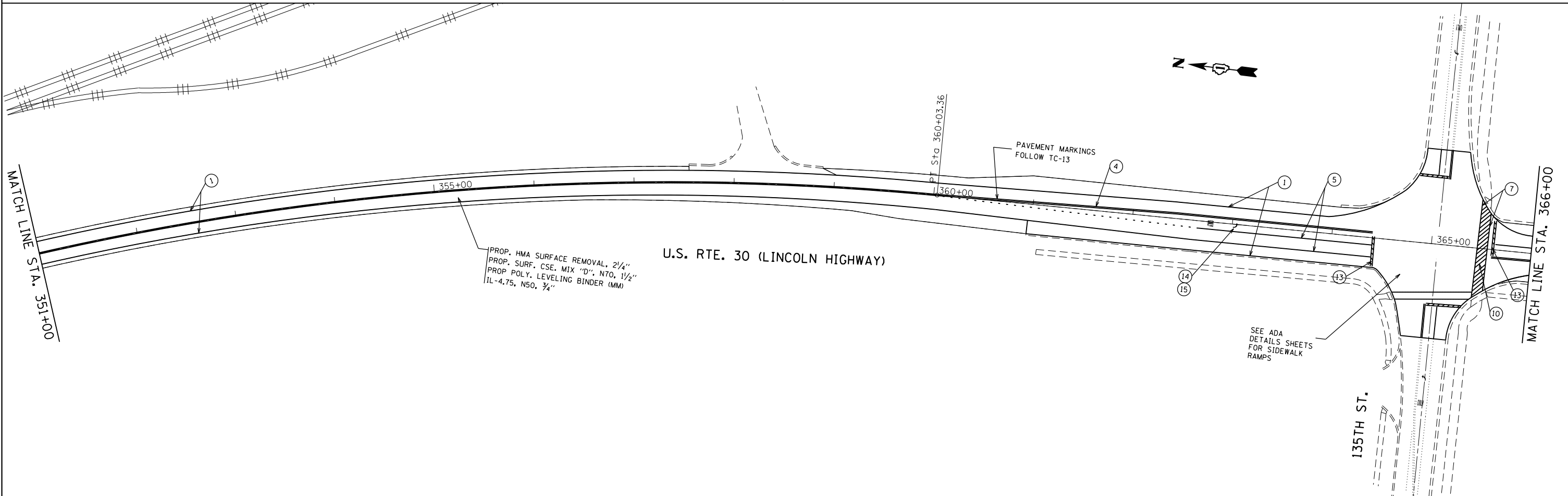
- RRPMS ACCORDING TO TC-11 (TYP)
- PAVEMENT MARKINGS FOLLOW TC-13
- U.S. RTE. 30 (LINCOLN HIGHWAY)**
- ① THERMOPLASTIC PAVEMENT MARKING EDGELINE, 4" SOLID WHITE
 - ② THERMOPLASTIC PAVEMENT MARKING CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE
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 - ⑨ THERMOPLASTIC PAVEMENT MARKING RAILROAD XING DIAGONALS, 8" SOLID WHITE
 - ⑩ THERMOPLASTIC PAVEMENT MARKING BIKE CROSSWALK, 12" SOLID WHITE (2' C-C @ 45°)
 - ⑪ THERMOPLASTIC PAVEMENT MARKING MEDIAN DIAGONALS, 150' C-C, 12" SOLID YELLOW @ 45°
 - ⑫ THERMOPLASTIC PAVEMENT MARKING MEDIAN ISLAND DIAGONALS, 12" SOLID WHITE @ 45°
 - ⑬ THERMOPLASTIC PAVEMENT MARKING STOP BAR, 24" SOLID WHITE
 - ⑭ THERMOPLASTIC PAVEMENT MARKING TURN ARROWS, WHITE
 - ⑮ THERMOPLASTIC PAVEMENT MARKING "ONLY", WHITE
 - ⑯ THERMOPLASTIC PAVEMENT MARKING RAILROAD "R", WHITE
 - ⑰ THERMOPLASTIC PAVEMENT MARKING RAILROAD "X", WHITE



FILE NAME =	USER NAME = ldezma	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN US ROUTE 30 (N.W. OF LINCOLN STATION DR. - 143RD ST.)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI3456\Drawings\Design\DI34516-sht-plan.dgn		CHECKED -	REVISED -		349	(15&16)RS-12	WILL & KENDALL	35	16				
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		CONTRACT NO. 62C38				ILLINOIS FED. AID PROJECT				
	PLOT DATE = 12/2/2016				SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.		

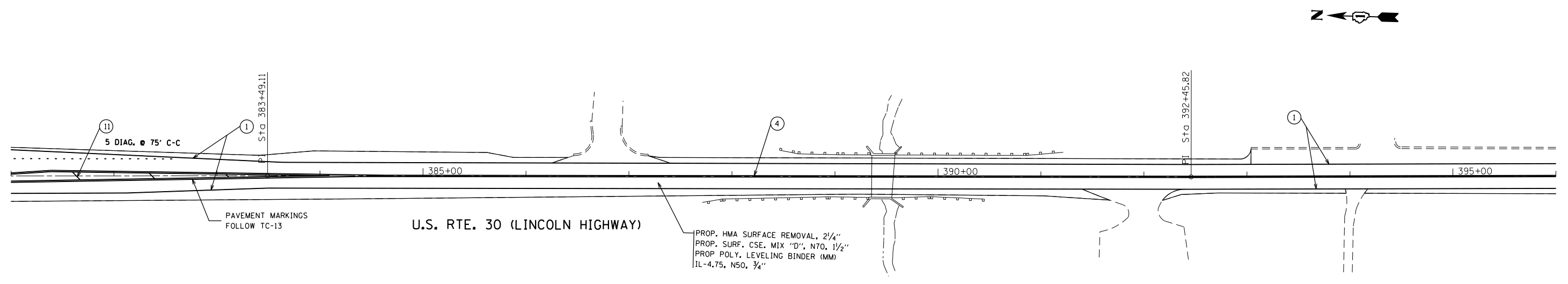
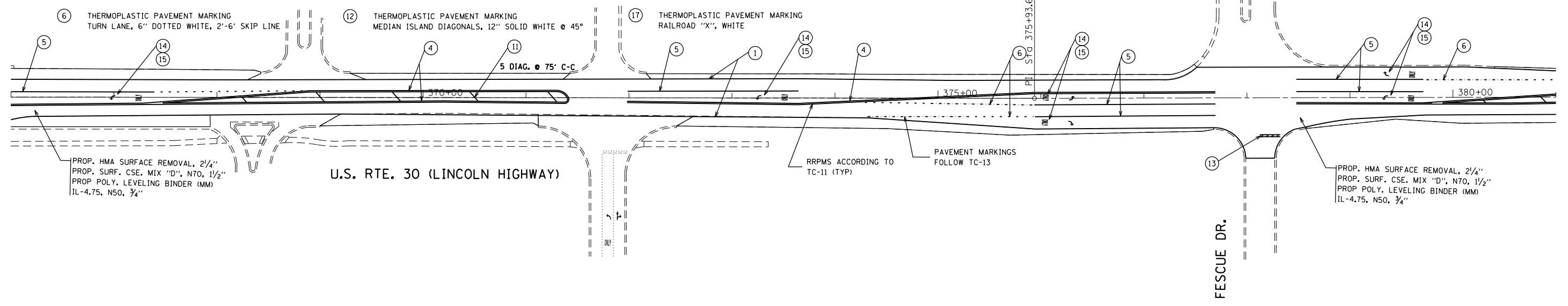


- | | | |
|---|--|--|
| <p>① THERMOPLASTIC PAVEMENT MARKING
EDGELINE, 4" SOLID WHITE</p> <p>② THERMOPLASTIC PAVEMENT MARKING
CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE</p> <p>③ THERMOPLASTIC PAVEMENT MARKING
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STOP BAR, 24" SOLID WHITE</p> <p>⑭ THERMOPLASTIC PAVEMENT MARKING
TURN ARROWS, WHITE</p> <p>⑮ THERMOPLASTIC PAVEMENT MARKING
"ONLY", WHITE</p> <p>⑯ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "R", WHITE</p> <p>⑰ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "X", WHITE</p> |
|---|--|--|

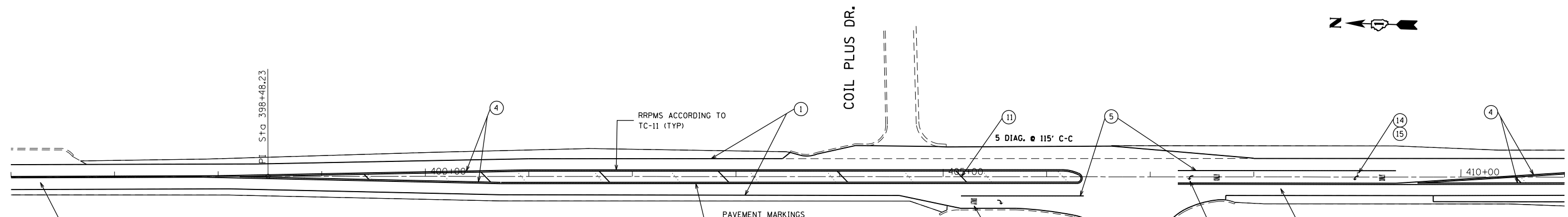


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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62C38	
Default	PLOT DATE = 12/2/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT						

- ① THERMOPLASTIC PAVEMENT MARKING
EDGELINE, 4" SOLID WHITE
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"ONLY", WHITE
- ⑯ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "R", WHITE
- ⑰ THERMOPLASTIC PAVEMENT MARKING
RAILROAD "X", WHITE



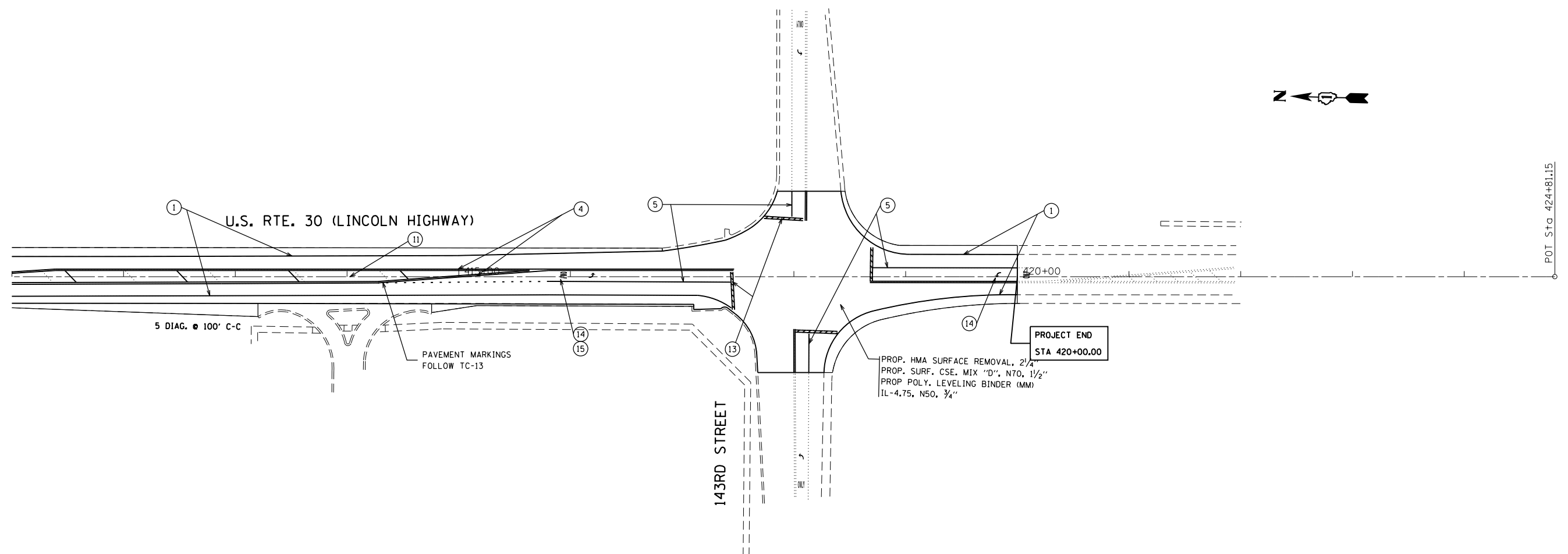
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pw:\IL\084EBIDINTEG.illinois.gov\PIWIDT\Documents\IDOT Offices\District 1\Projects\DI34516\Design\DI34516-shr-plan.dgn	DRWN	CHECKED -	REVISED -			349	(15&16)RS-12	WILL & KENDALL	35	18	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			CONTRACT NO. 62C38			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 10/31/2016					SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO



PROP. HMA SURFACE REMOVAL, 2 1/4"
 PROP. SURF. CSE. MIX "D", N70, 1 1/2"
 PROP. POLY. LEVELING BINDER (MM)
 IL-4.75, N50, 3/4"

- U.S. RTE. 30 (LINCOLN HIGHWAY)**
- PAVEMENT MARKINGS FOLLOW TC-13
- ① THERMOPLASTIC PAVEMENT MARKING EDGELINE, 4" SOLID WHITE
 - ② THERMOPLASTIC PAVEMENT MARKING CENTERLINE, 4" SKIP DASH YELLOW, 10'-30' SKIP LINE
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PROP. HMA SURFACE REMOVAL, 2 1/4"
 PROP. SURF. CSE. MIX "D", N70, 1 1/2"
 PROP. POLY. LEVELING BINDER (MM)
 IL-4.75, N50, 3/4"



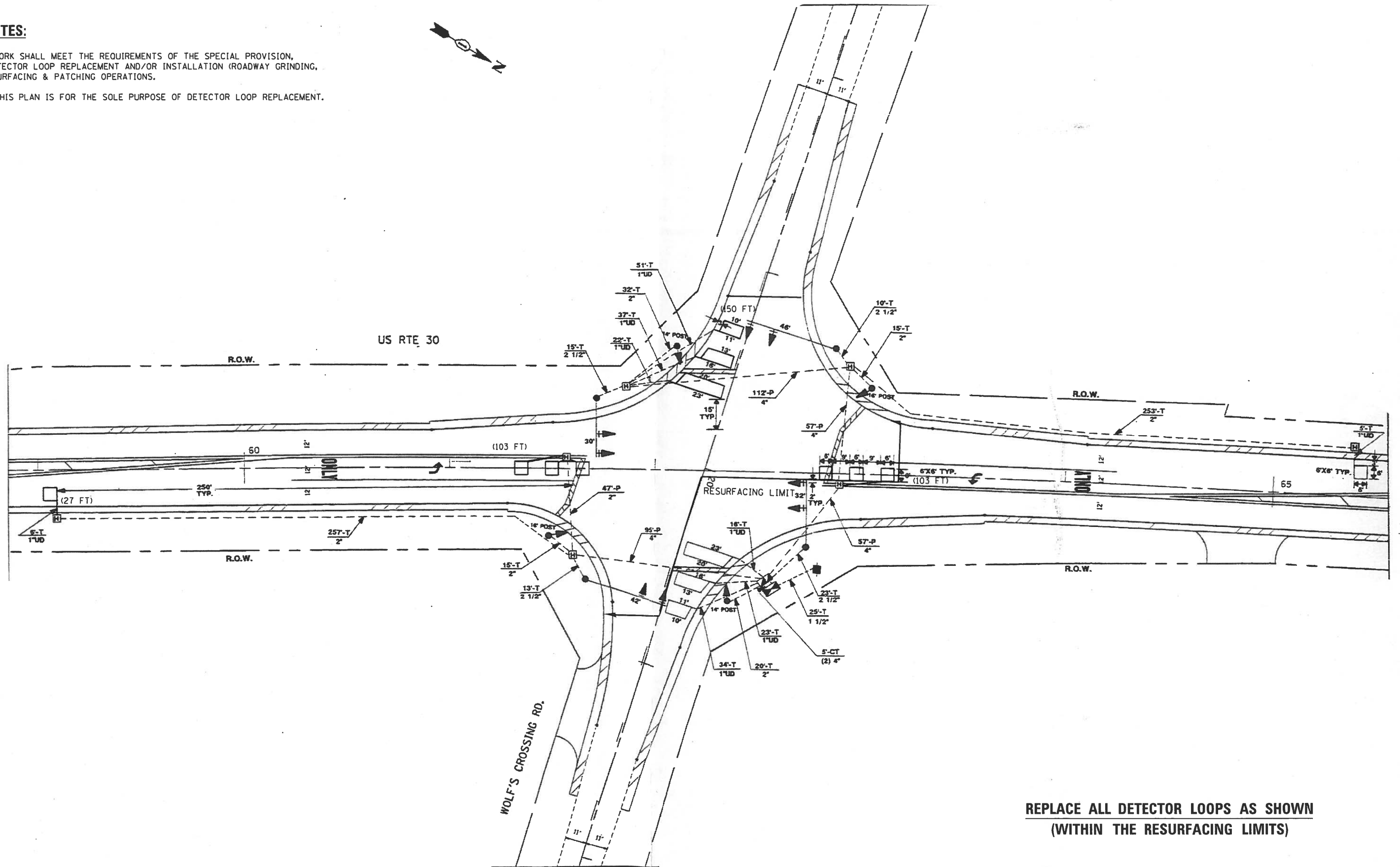
PROP. HMA SURFACE REMOVAL, 2 1/4"
 PROP. SURF. CSE. MIX "D", N70, 1 1/2"
 PROP. POLY. LEVELING BINDER (MM)
 IL-4.75, N50, 3/4"

PROJECT END
 STA 420+00.00

FILE NAME =	USER NAME = ledeznm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN US ROUTE 30 (N.W. OF LINCOLN STATION DR. - 143RD ST.)	F.A.P. RTE. 349	SECTION (15&16RS-12)	COUNTY WILL & KENDALL	TOTAL SHEETS 35	SHEET NO. 19	
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI3456\Design\DI34516-shr-plan.dgn		DRWN	REVISED			CONTRACT NO. 62C38					
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT					
Default		DATE -	REVISED -			SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.					

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	383	FOOT

FILE NAME =	USER NAME = curry,j	DESIGNED - IP	REVISED -
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	PLOT DATE = 9/12/2016	DATE - 8/15/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

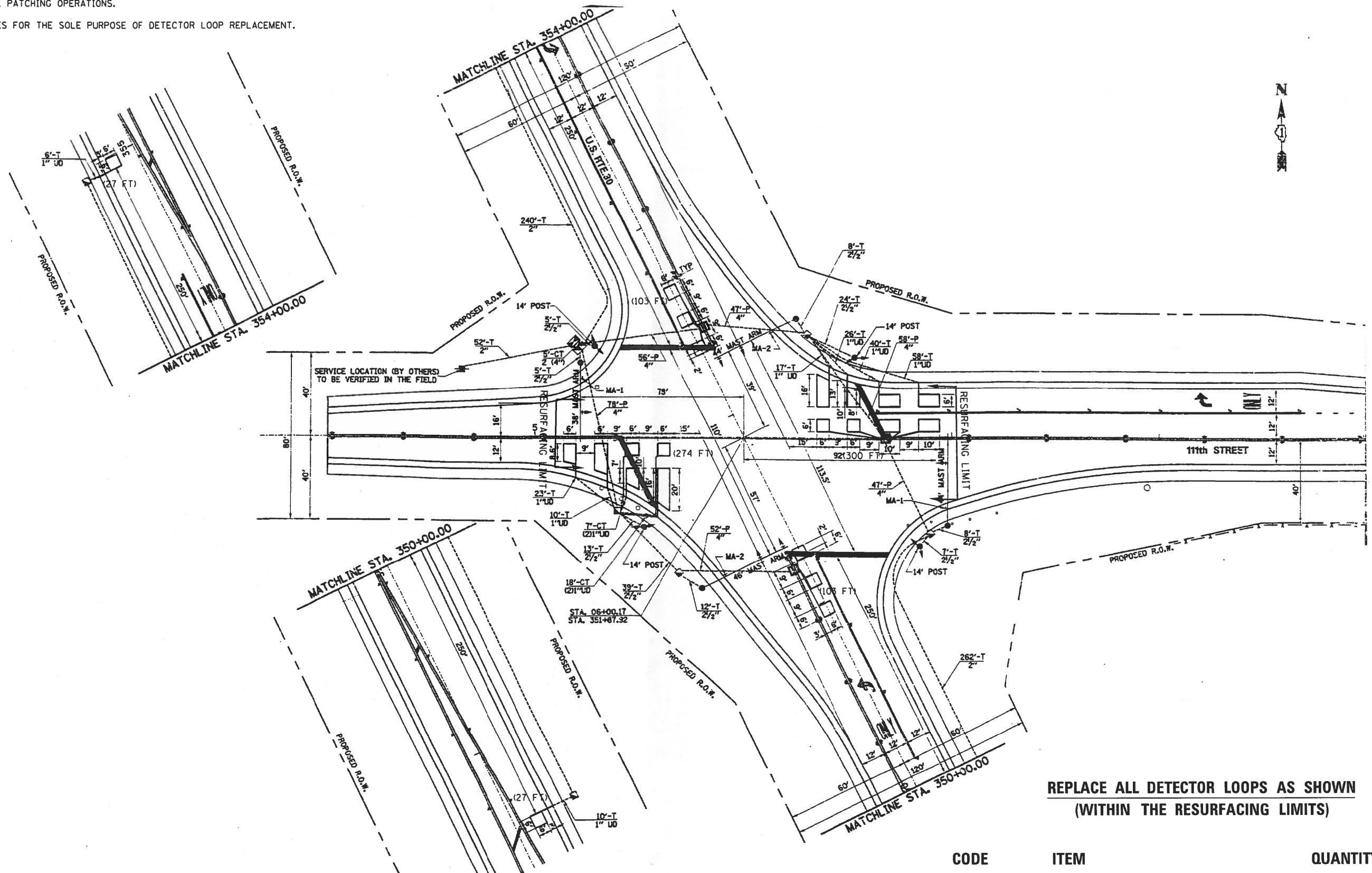
**DETECTOR LOOP REPLACEMENT PLAN
US 30 AT WOLF'S CROSSING RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	KENDALL	35	20
CONTRACT NO. 62C38				
ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

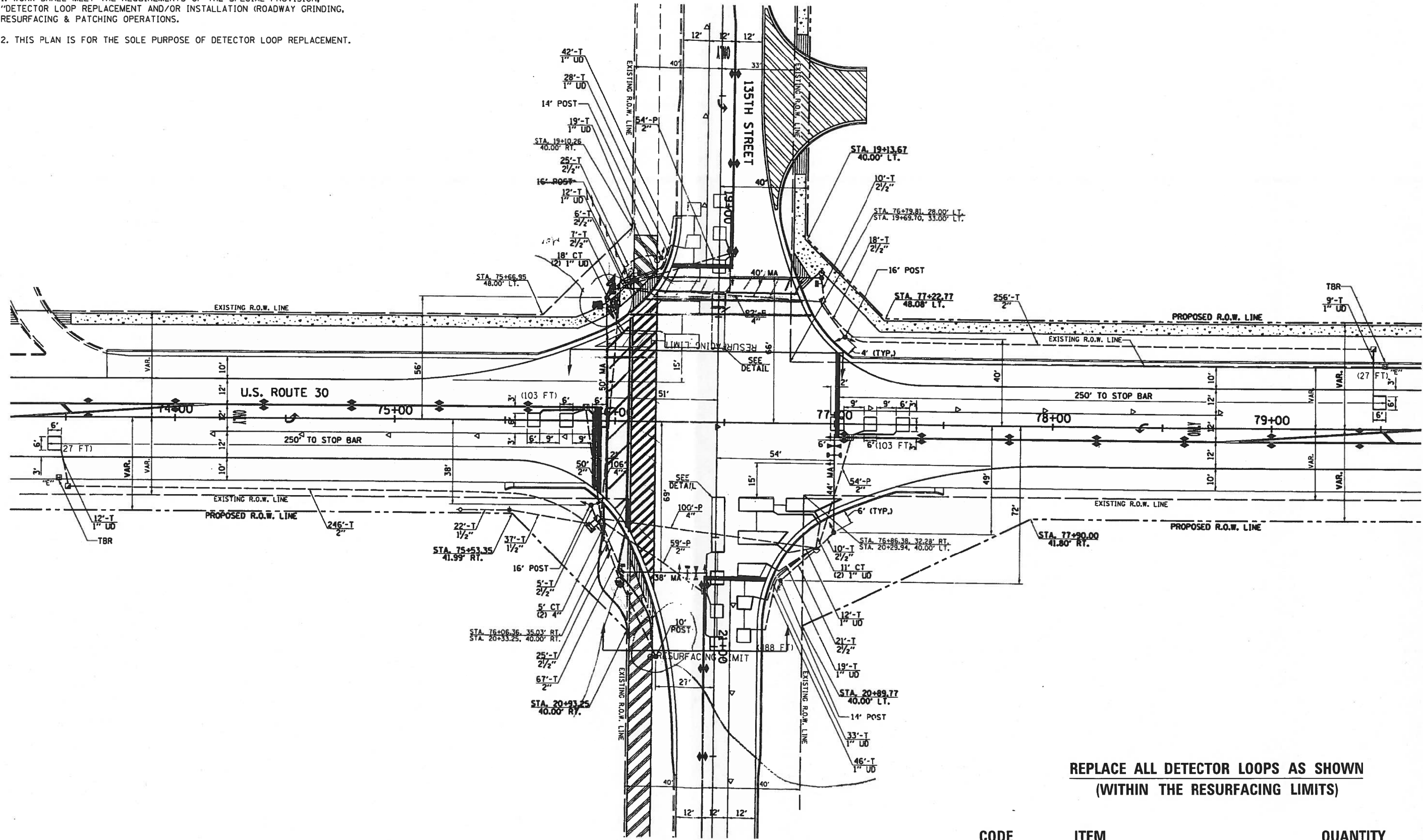


**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	834	FOOT

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

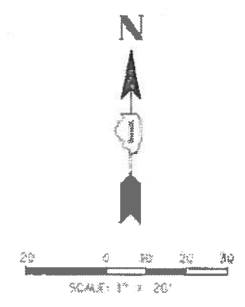
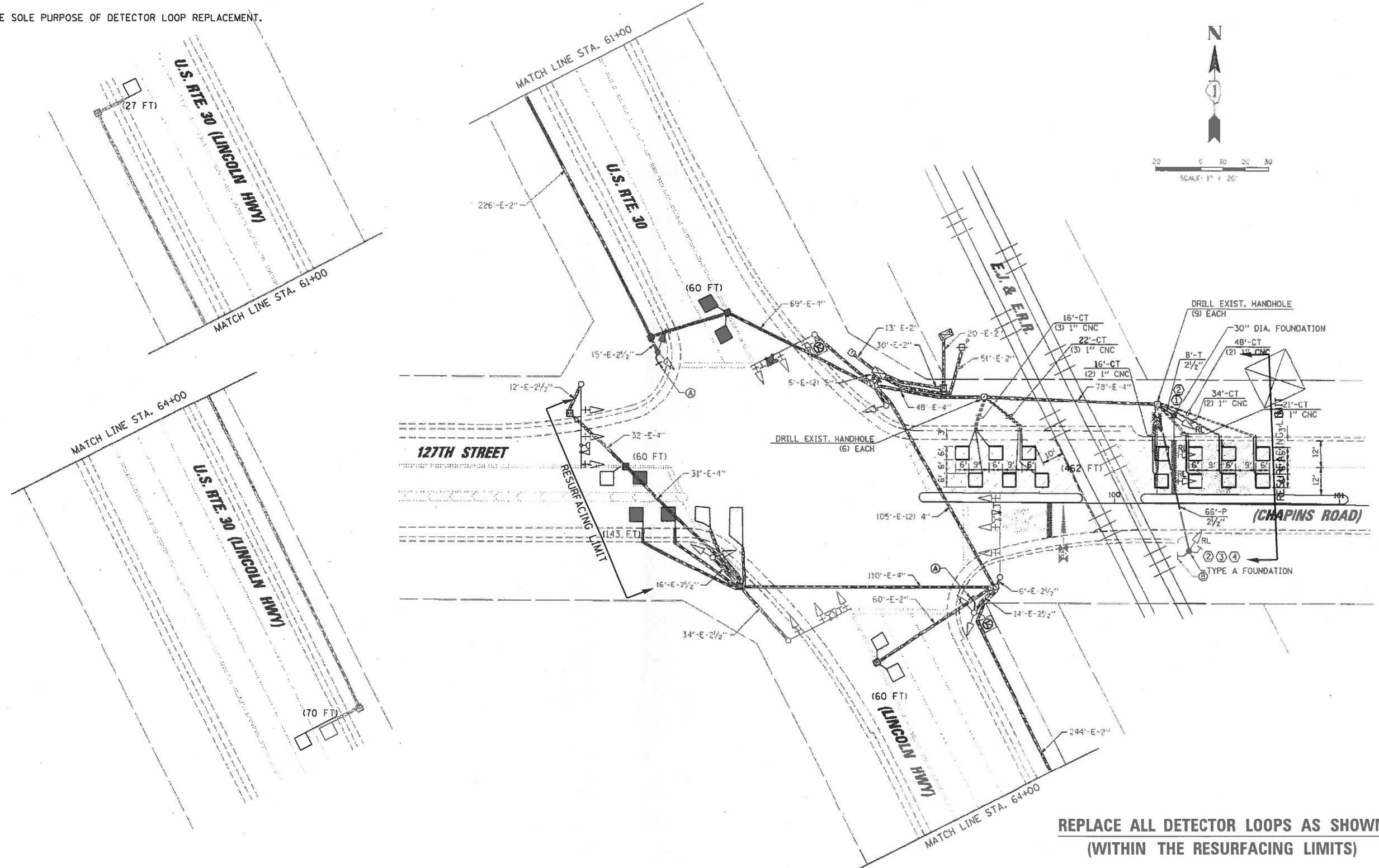


**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	748	FOOT

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	739	FOOT

FILE NAME =	USER NAME =	DESIGNED -	REVISOR -
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		DRAWN -	REVISOR -
		LP	LP
		CHECKED -	REVISOR -
		DATE -	REVISOR -
		8/15/2016	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

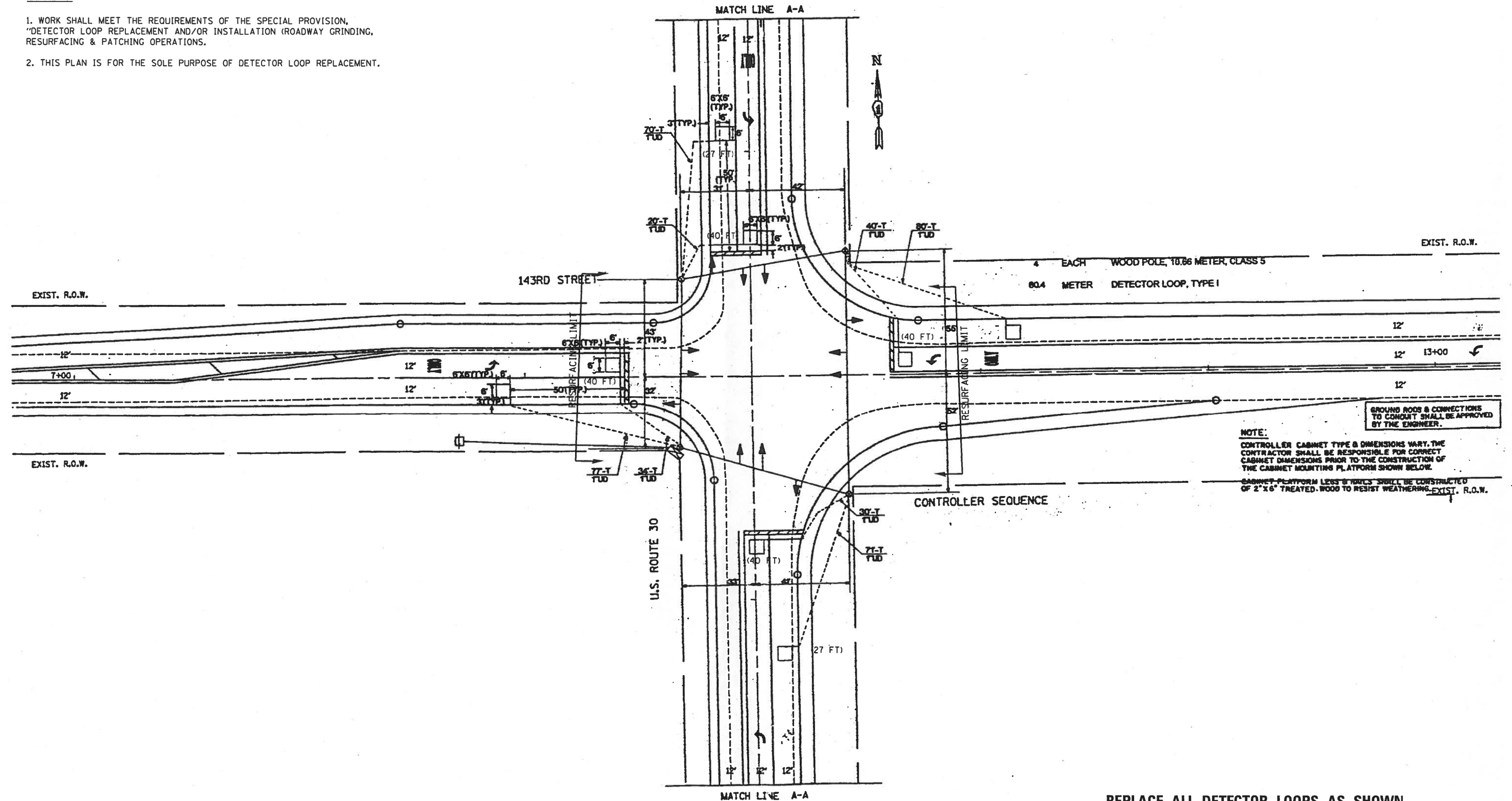
**DETECTOR LOOP REPLACEMENT PLAN
US 30 AT 127TH ST.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	23
CONTRACT NO. 62C38				
[ILLINOIS] FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



NOTE:
 CONTROLLER CABINET TYPE & DIMENSIONS VARY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECT CABINET DIMENSIONS PRIOR TO THE CONSTRUCTION OF THE CABINET MOUNTING PLATFORM SHOWN BELOW.
 CABINET PLATFORM LEGS & RAILS SHALL BE CONSTRUCTED OF 2" X 6" TREATED WOOD TO RESIST WEATHERING.
 GROUND RODS & CONNECTIONS TO CONDUIT SHALL BE APPROVED BY THE ENGINEER.

**REPLACE ALL DETECTOR LOOPS AS SHOWN
 (WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	214	FOOT

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
 US 30 AT 143RD ST.**
 SCALE: SHEET OF SHEETS STA. TO STA.



F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	24
CONTRACT NO. 62C38				
ILLINOIS FED. AID PROJECT				

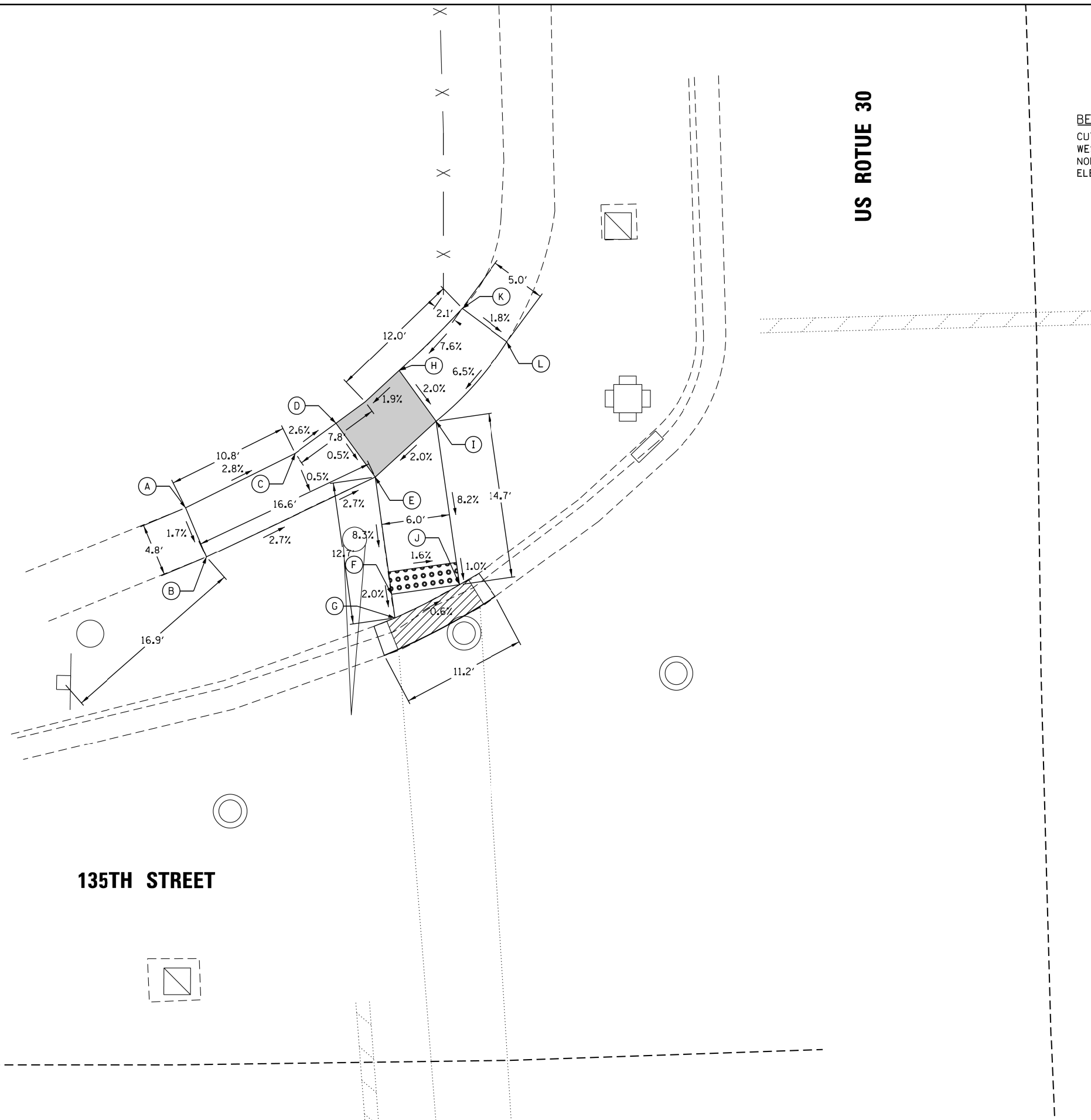
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B	638.58	MATCH
C	638.36	TW
D	638.24	TW
E	638.13	TW
F	637.42	TW
G	637.34	TW=TC
H	638.38	TW
I	638.27	TW
J	637.30	TW=TC
K	638.98	MATCH
L	638.89	MATCH



BENCHMARK:
 CUT "X" IN SIDEWALK LOCATED 46.7'
 WEST OF C US ROUTE 30 AND 100.3'
 NORTH OF C 135TH STREET
 ELEV=639.17 (NAVD 88)

LEGEND

- (A) POINT
-  DETECTABLE WARNINGS
-  CURB DEPRESSION
- TW PROPOSED TOP-OF-WALK ELEVATION
- TC PROPOSED TOP-OF-CURB ELEVATION
- EOP PROPOSED EDGE-OF-PAVEMENT ELEVATION
- MATCH MATCH EXISTING ELEVATION



COMPANY NAME: HRGreen
 PROJECT CONTACT: bhertma
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 PLOT TABLE: plotbest.tbl



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PLOT DATE = 10/25/2016	DATE - 09/09/16	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS US ROUTE 30			
SCALE: 1" = 10'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 3565	SECTION (46-2)RS	COUNTY WILL	TOTAL SHEETS 35	SHEET NO. 25
CONTRACT NO. 62C38				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

135TH STREET

BENCHMARK:
 CUT "X" IN SIDEWALK LOCATED 46.7'
 WEST OF C US ROUTE 30 AND 100.3'
 NORTH OF C 135TH STREET
 ELEV=639.17 (NAVD 88)

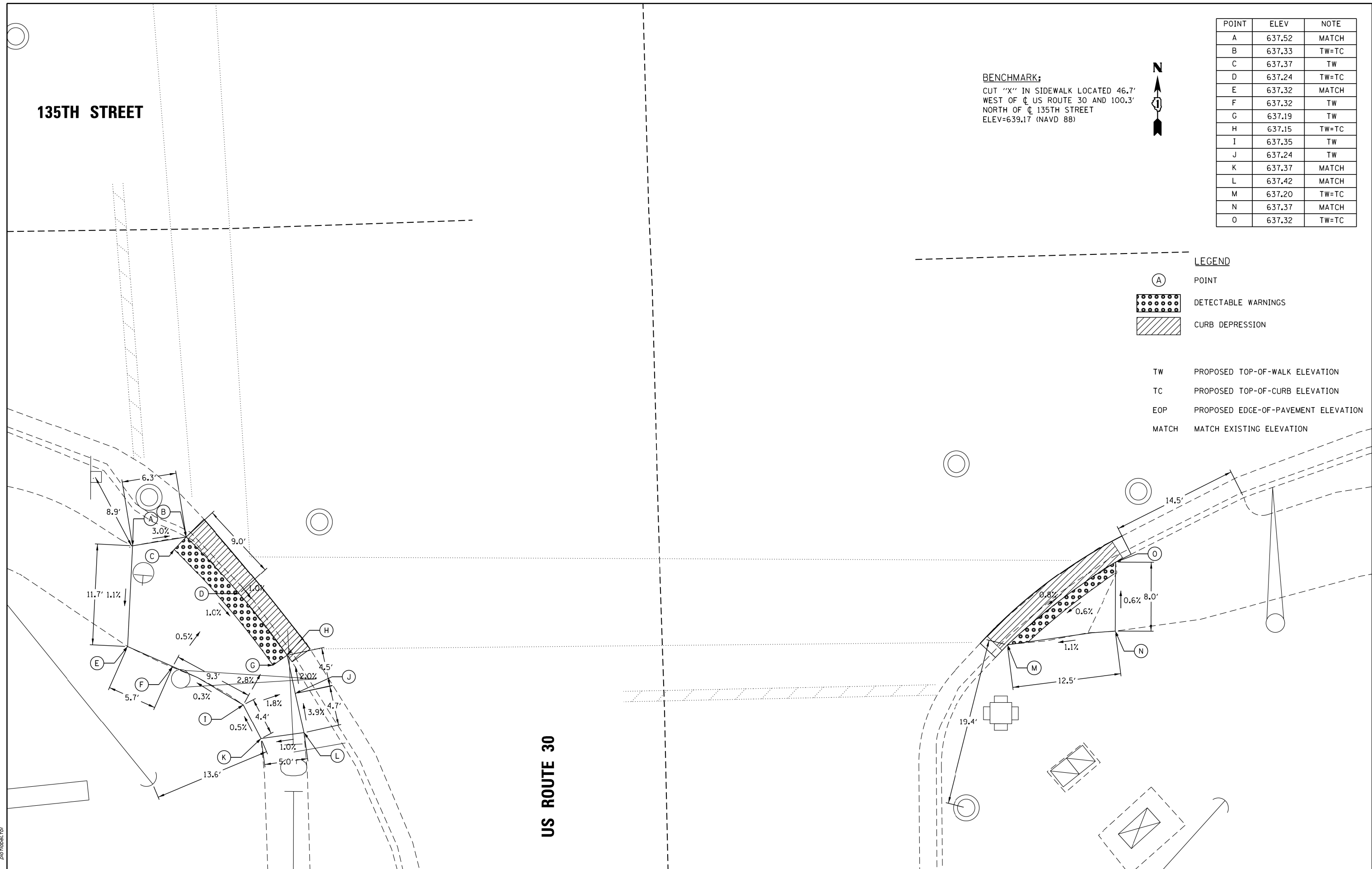


POINT	ELEV	NOTE
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B	637.33	TW=TC
C	637.37	TW
D	637.24	TW=TC
E	637.32	MATCH
F	637.32	TW
G	637.19	TW
H	637.15	TW=TC
I	637.35	TW
J	637.24	TW
K	637.37	MATCH
L	637.42	MATCH
M	637.20	TW=TC
N	637.37	MATCH
O	637.32	TW=TC

LEGEND

- (A) POINT
- DETECTABLE WARNINGS
- CURB DEPRESSION

- TW PROPOSED TOP-OF-WALK ELEVATION
- TC PROPOSED TOP-OF-CURB ELEVATION
- EOP PROPOSED EDGE-OF-PAVEMENT ELEVATION
- MATCH MATCH EXISTING ELEVATION



US ROUTE 30

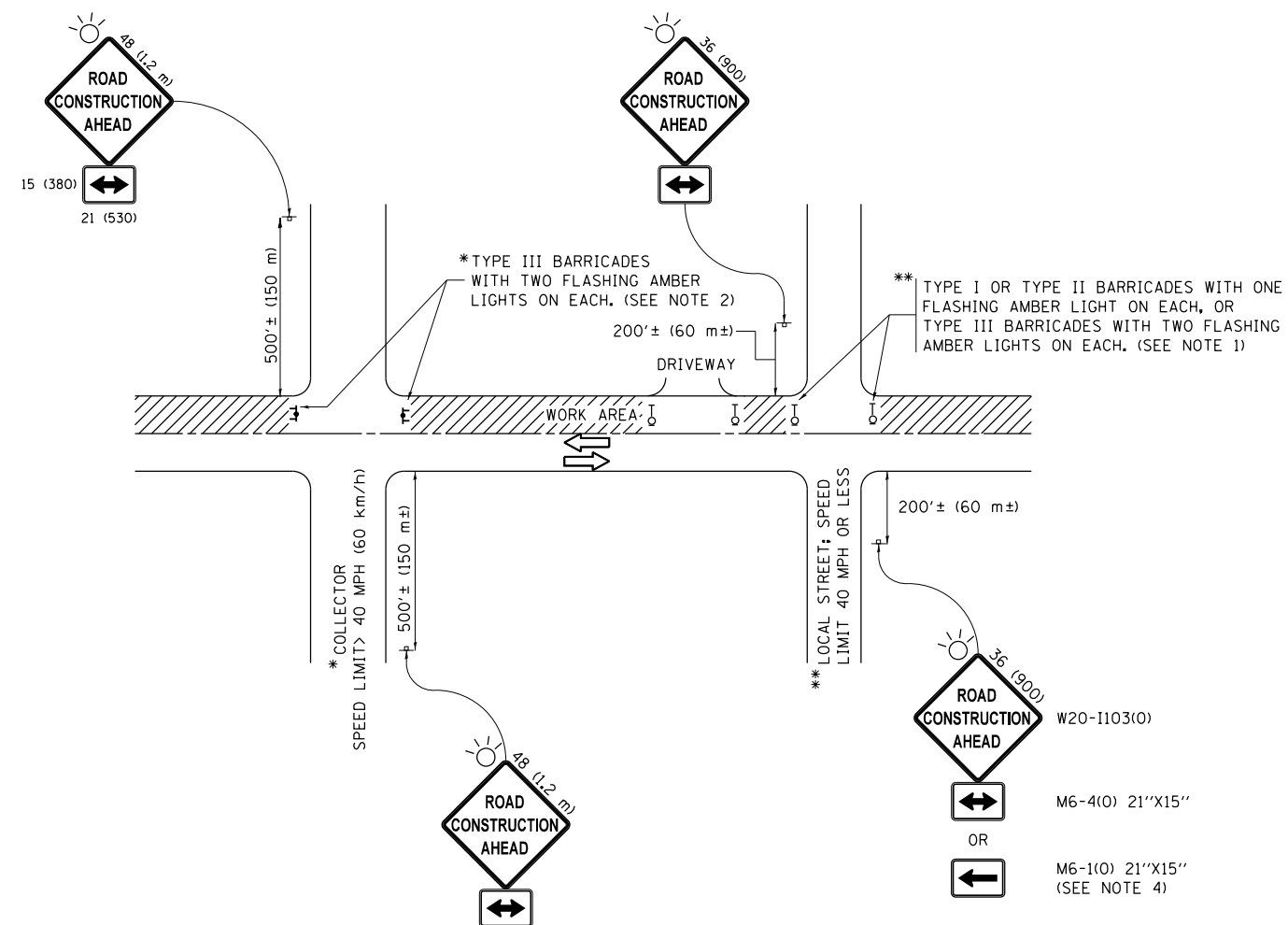
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS US ROUTE 30			
SCALE: 1" = 10'	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.U. RTE. 3565	SECTION (46-2)RS	COUNTY WILL	TOTAL SHEETS 35	SHEET NO. 26
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 62C38	



NOTES:

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

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

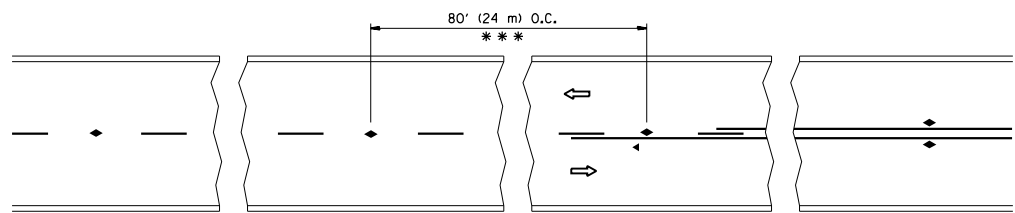
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	PLOT DATE = 10/25/2016	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

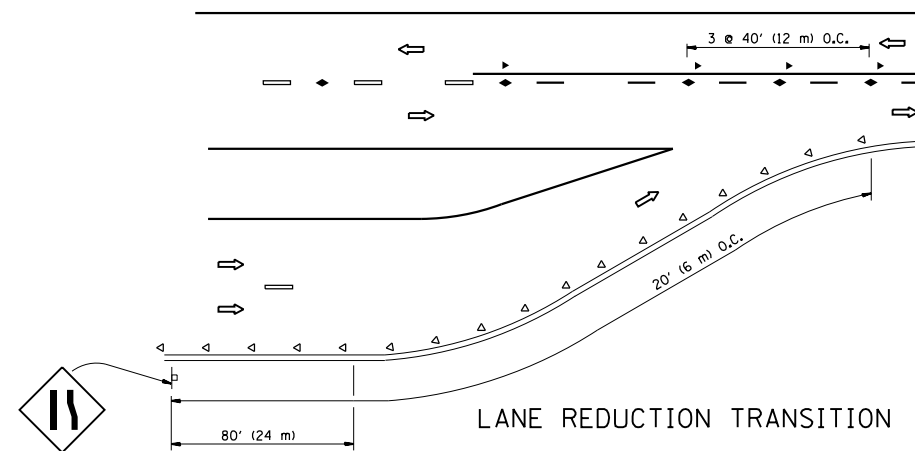
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10		CONTRACT NO.	62C38	
ILLINOIS FED. AID PROJECT				

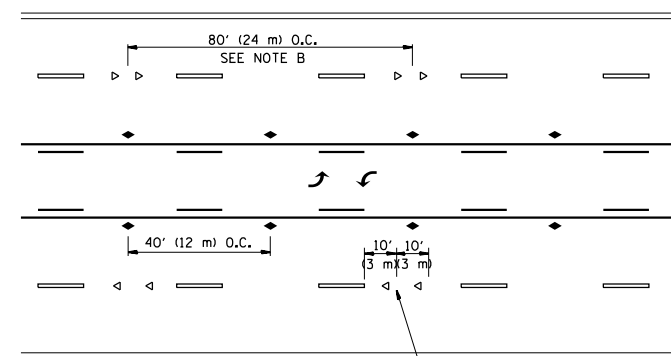


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

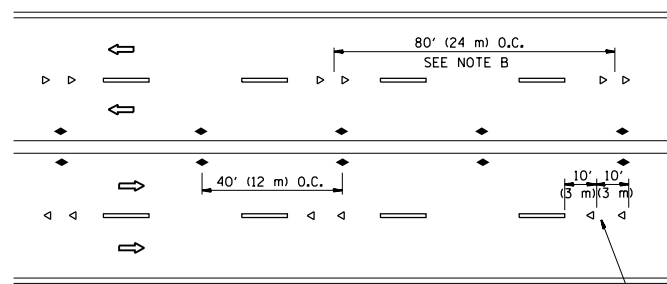
TWO-LANE/TWO-WAY



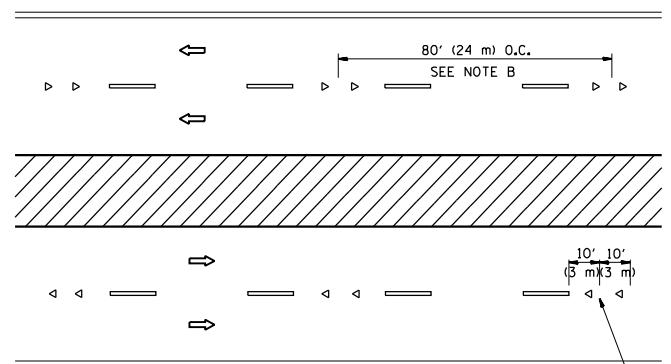
LANE REDUCTION TRANSITION



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.

SYMBOLS

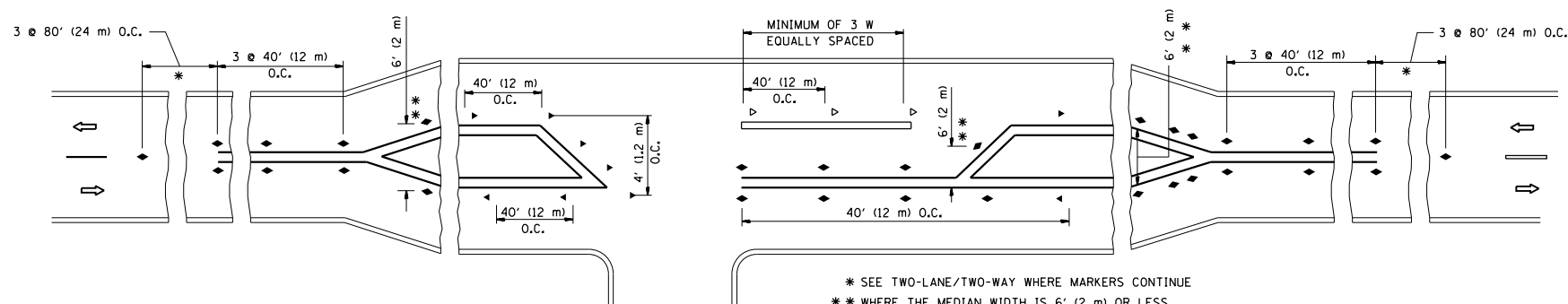
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

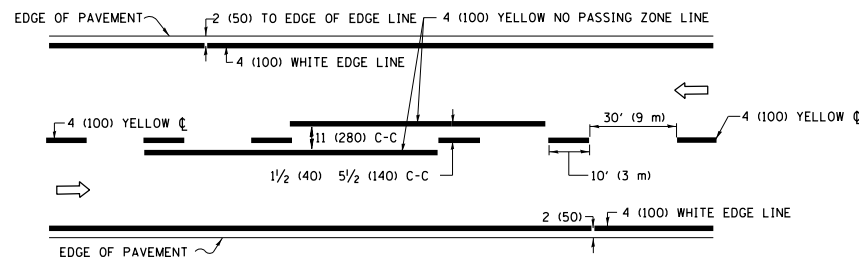


LEFT TURN

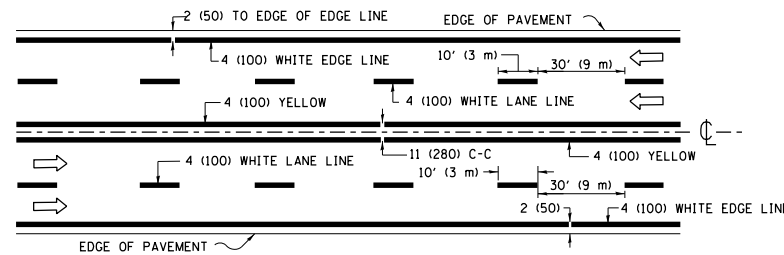
* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

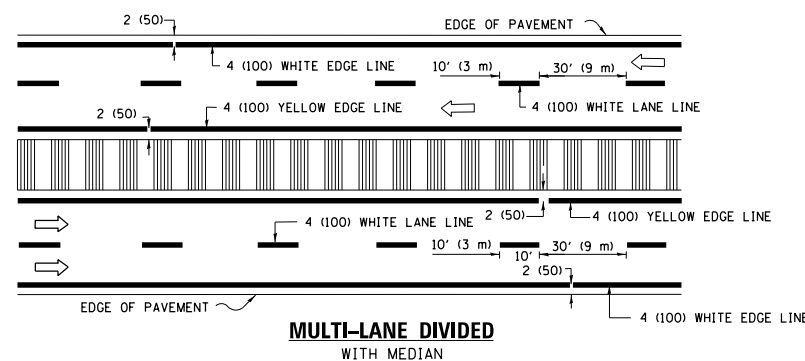
FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED - T. RAMMACHER 09-19-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL APPLICATIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\01345\BROWN\Design\Diststd.dgn		CHECKED -	REVISED - T. RAMMACHER 03-12-99		349	(15&16)RS-12	WILL	35	28			
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PLOT DATE = 10/25/2016			REVISED - C. JUCIUS 09-09-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

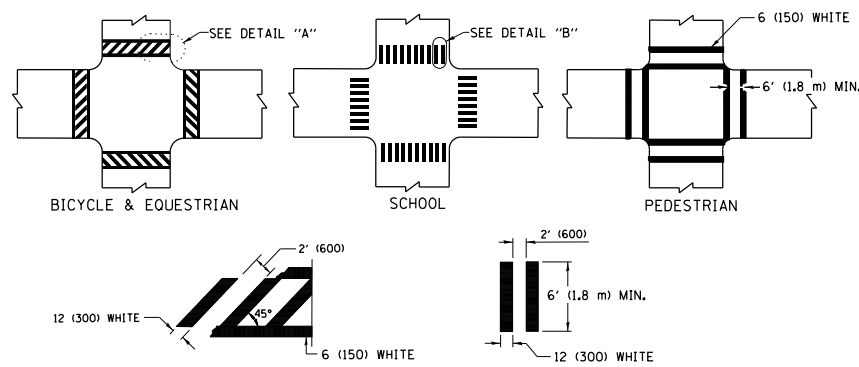


MULTI-LANE UNDIVIDED



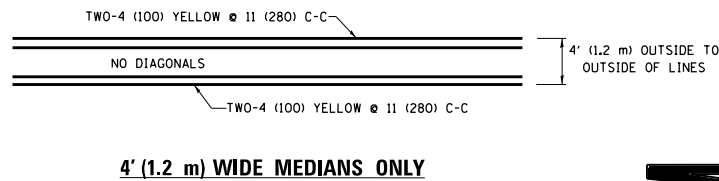
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

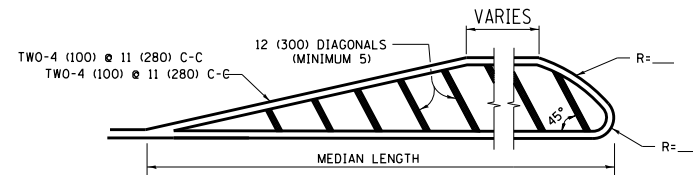


DETAIL "A" TYPICAL CROSSWALK MARKING

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

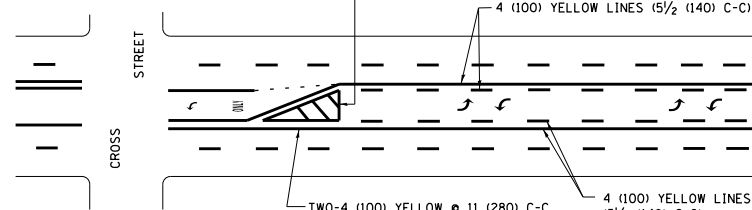


4' (1.2 m) WIDE MEDIANS ONLY



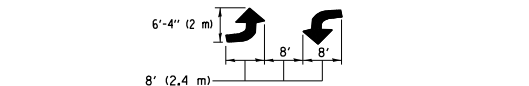
MEDIANS OVER 4' (1.2 m) WIDE

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

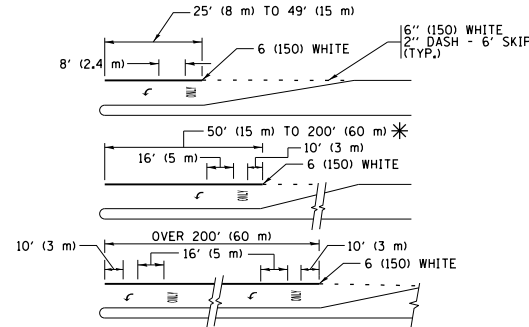


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

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

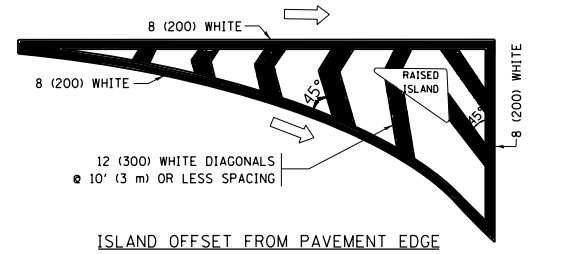


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

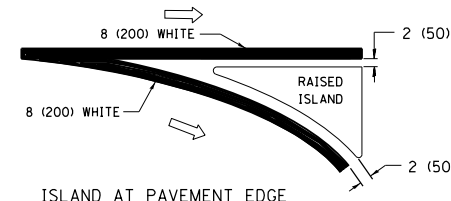


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

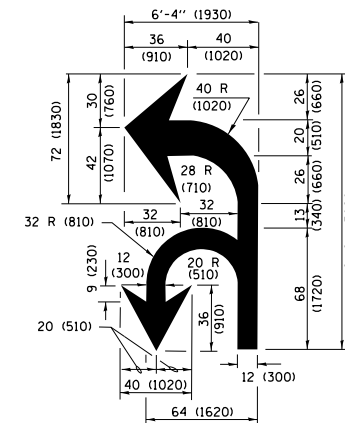
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



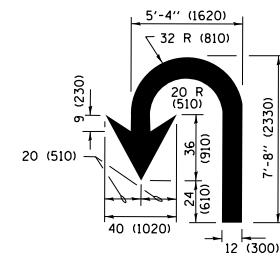
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

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

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

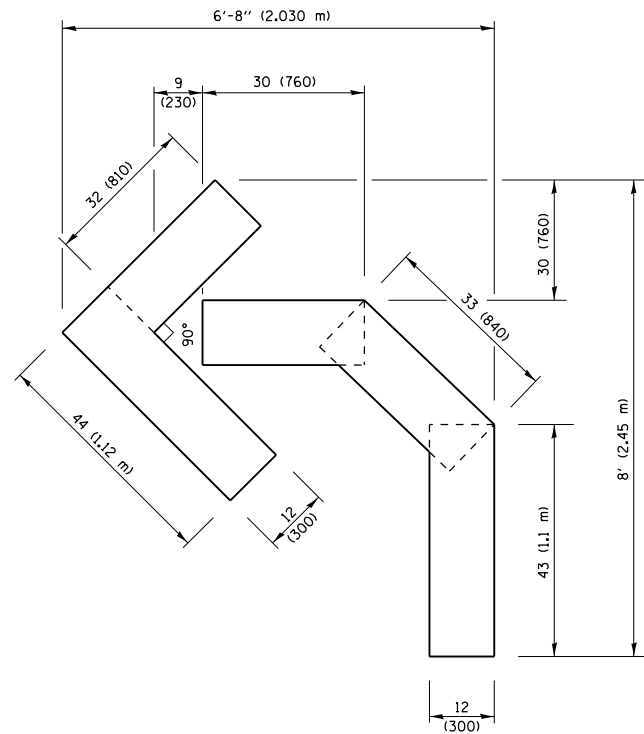
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = ledzmar	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\11084EBID\INTEG\Illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\0134\BROWNS\Design\Diststd.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0000' / 1"	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 10/25/2016		REVISED - C. JUCIUS 04-12-16

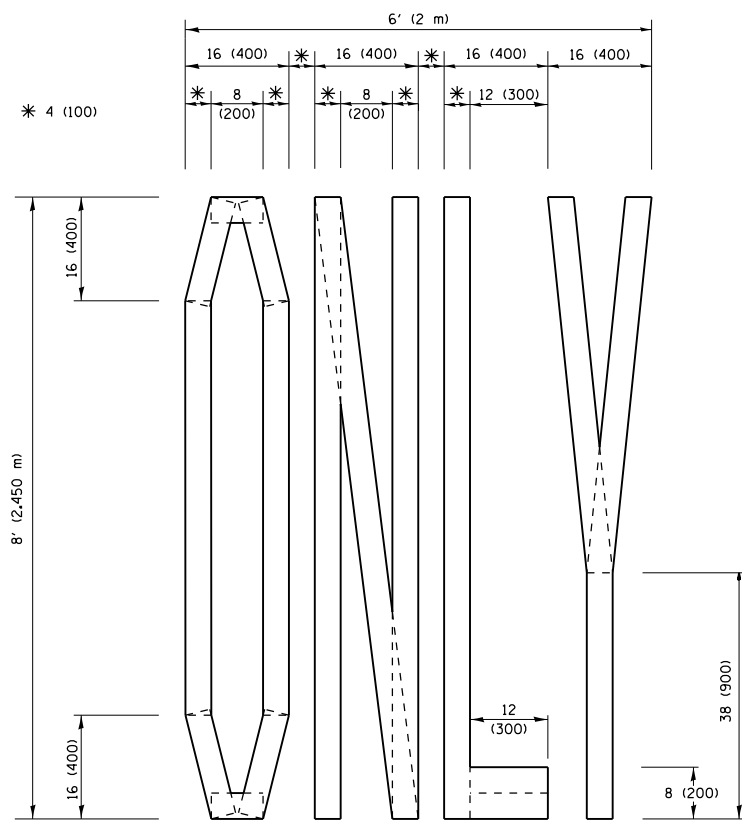
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

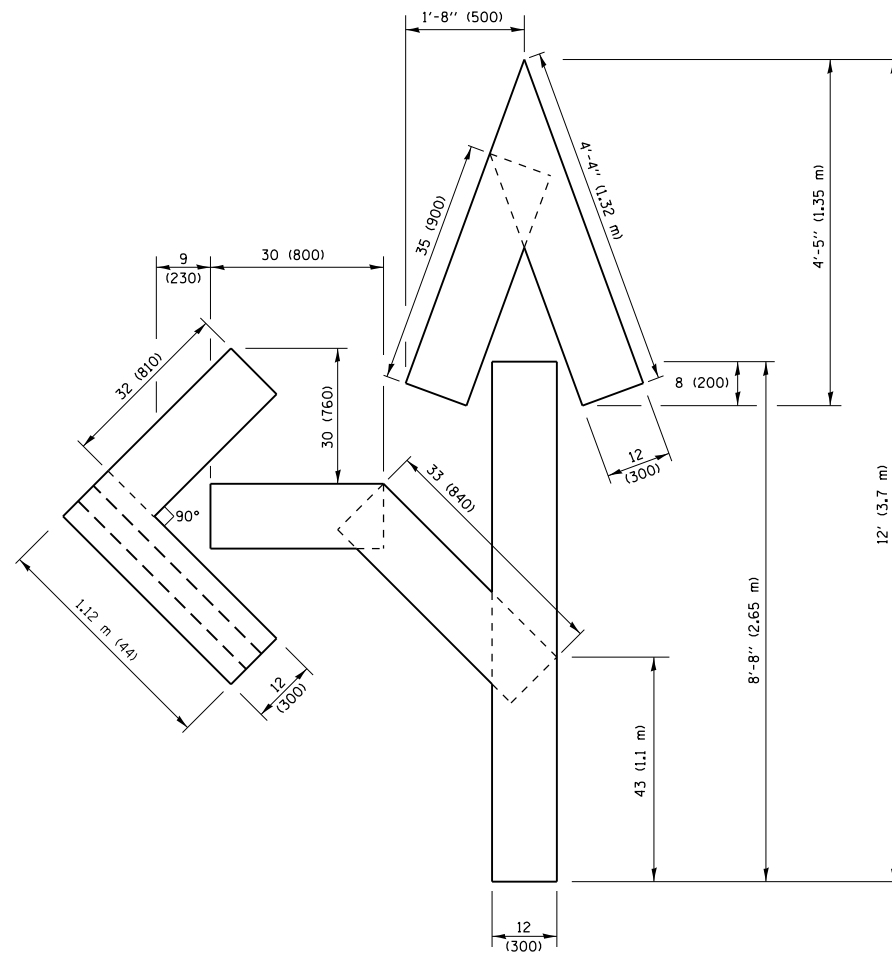
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	29
TC-13		CONTRACT NO.	62C38	
ILLINOIS FED. AID PROJECT				



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



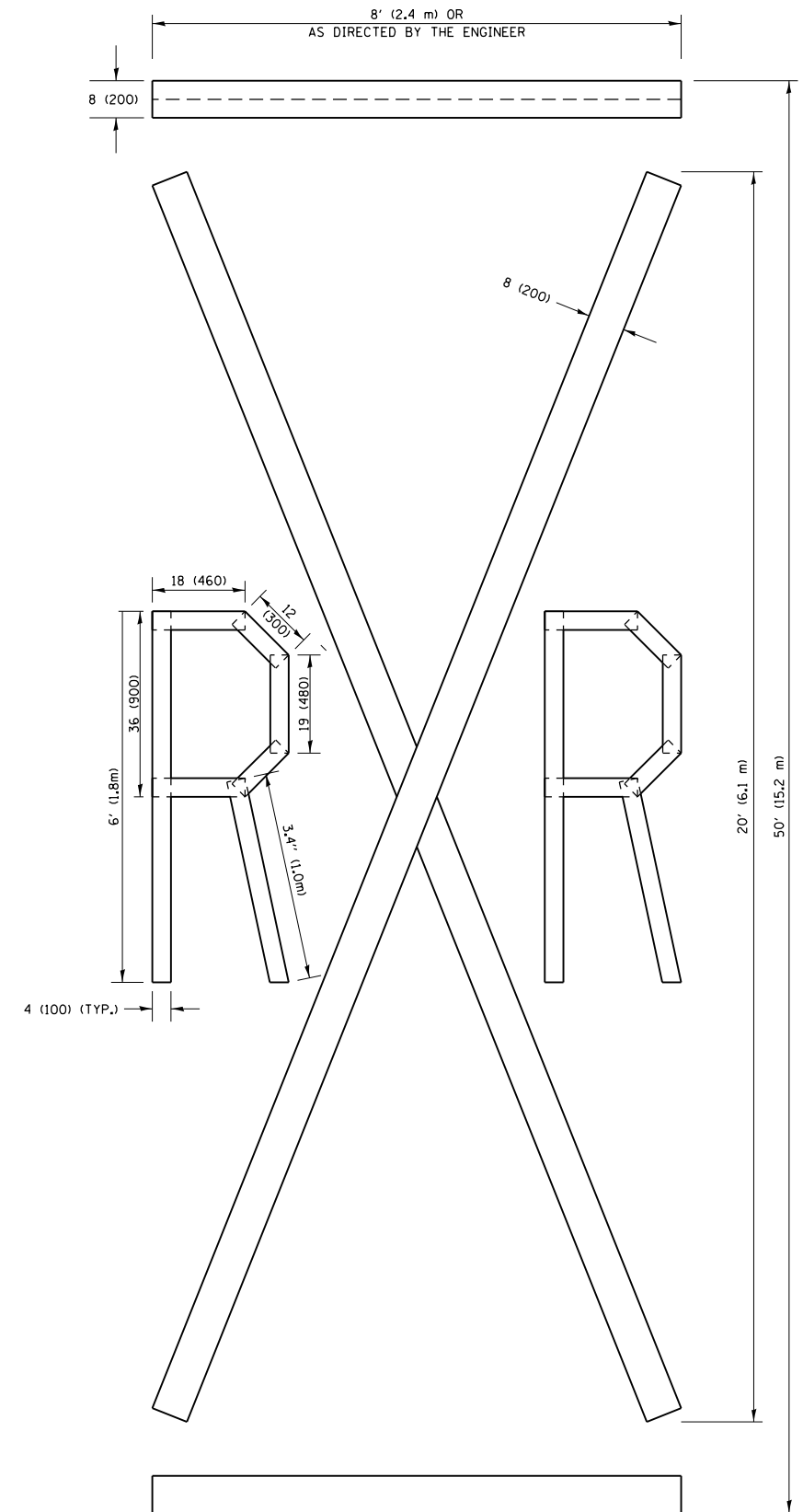
QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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.

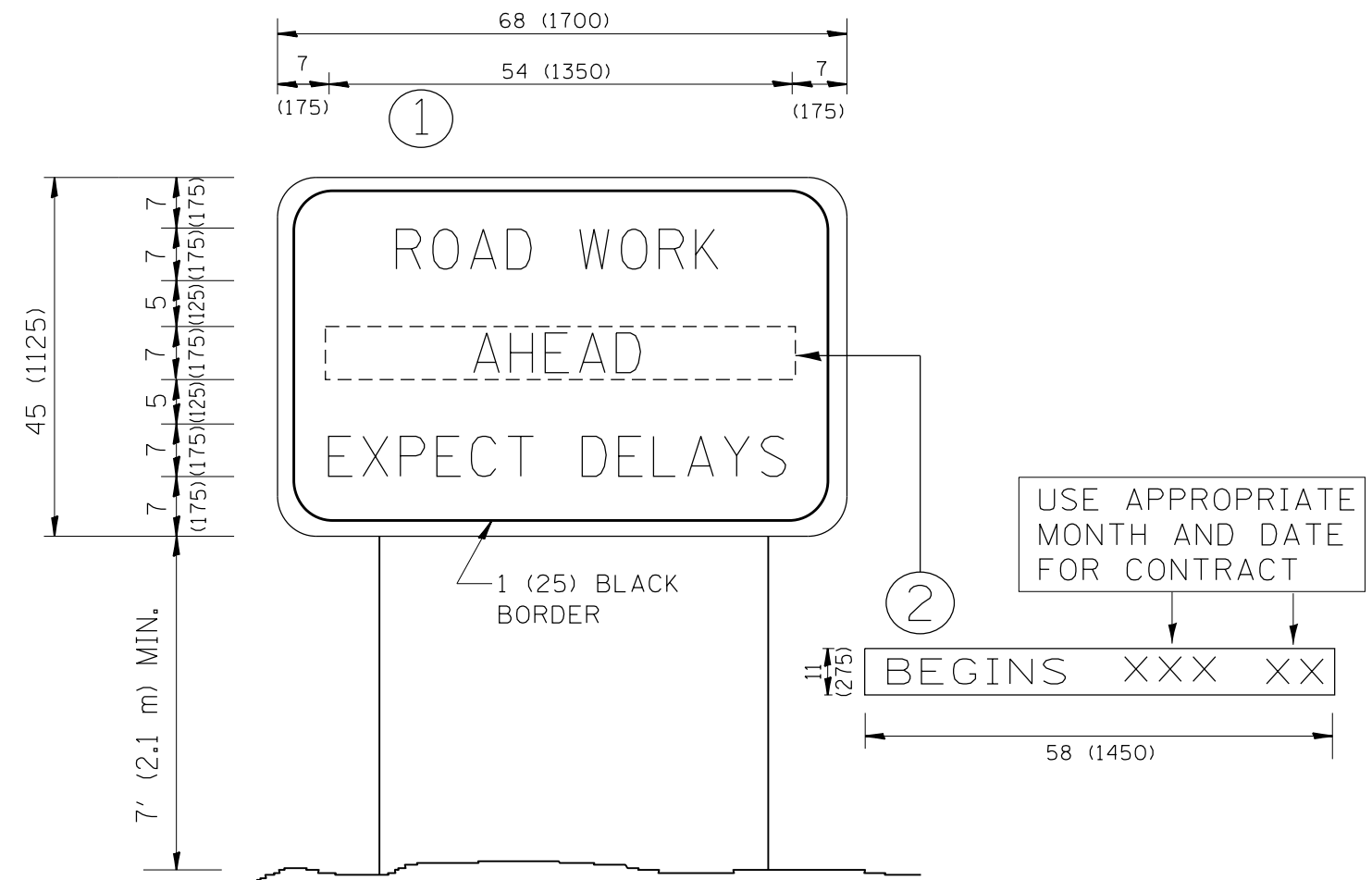
FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
pw\l\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\01345\Drawings\Design\Diststd.dgn			REVISED - E. GOMEZ 08-28-00
		CHECKED -	REVISED - E. GOMEZ 08-28-00
		DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. & RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	30
TC-16		CONTRACT NO.	62C38	
FED. ROAD DIST. NO. 1 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.

FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED - R. MIRS 09-15-97
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\1345\BROW\Info\Design\Diststd.dgn			REVISED - R. MIRS 12-11-97
		CHECKED -	REVISED - T. RAMMACHER 02-02-99
		DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

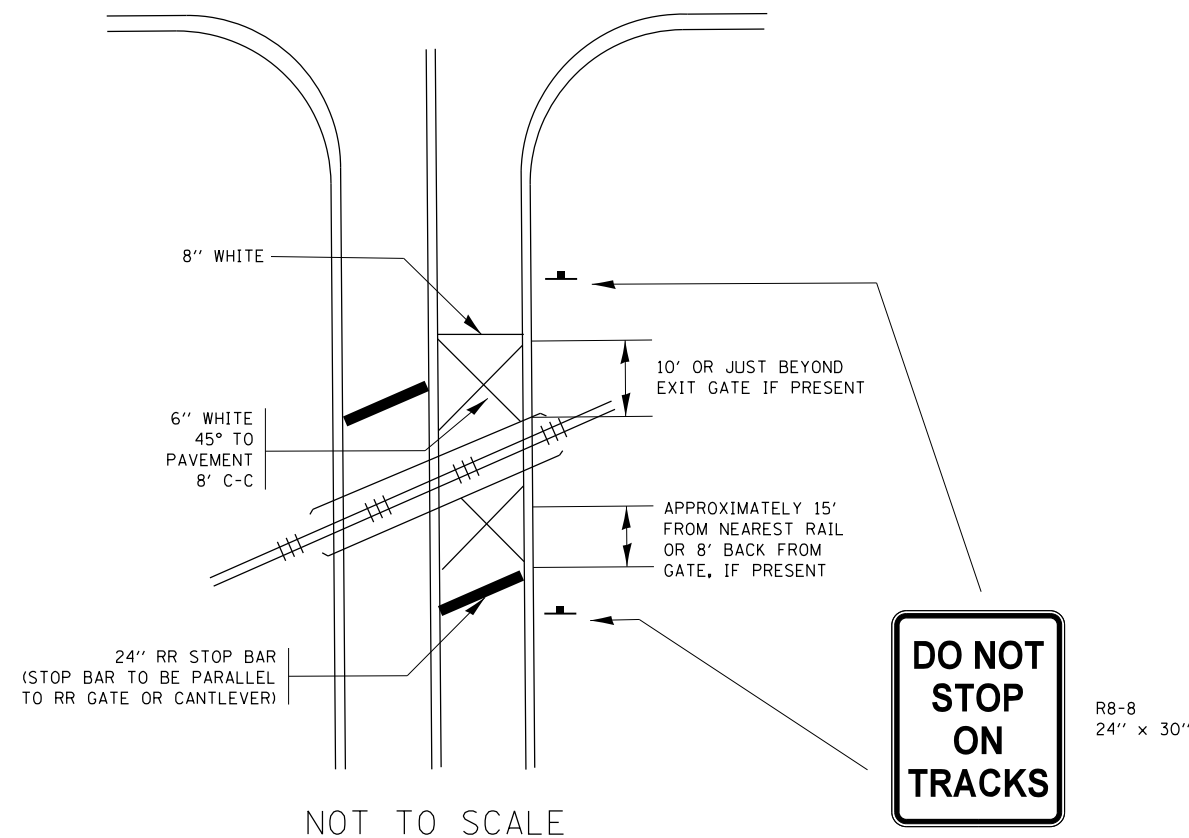
**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	31
TC-22		CONTRACT NO. 62C38		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

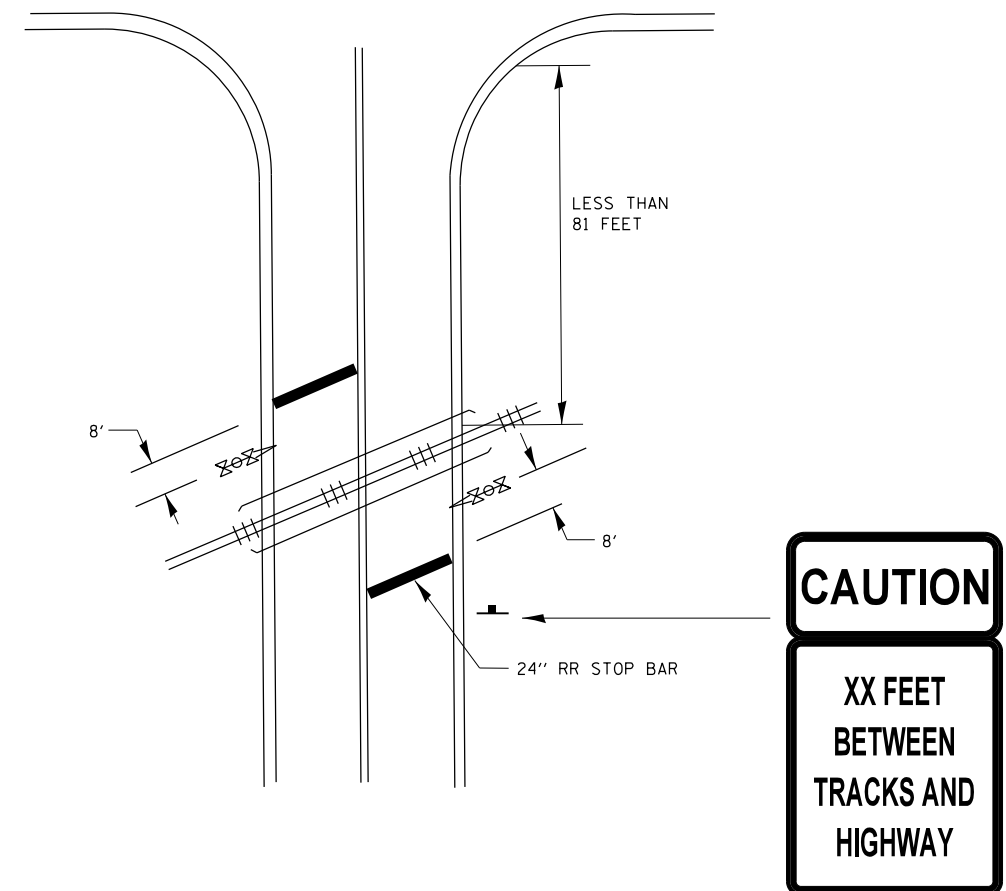
WITH SIGNALIZED INTERSECTION



NOTE:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL

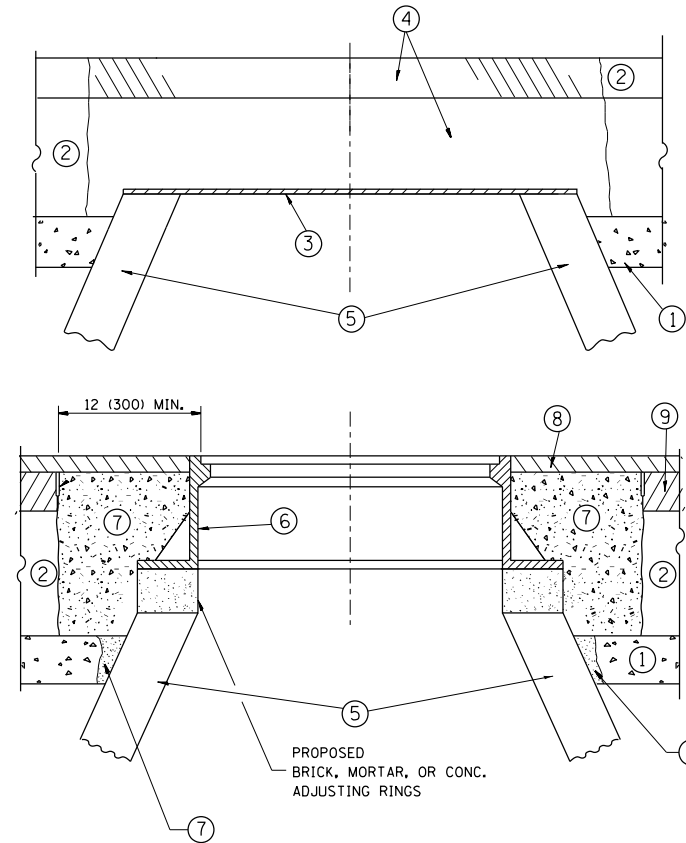


NOTE:

- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

FILE NAME =	USER NAME = ledezmar	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\1345\BROWN\Meta\Design\Diststd.dgn	DRWN	REVISED - 04-26-12	REVISED - 04-26-12			349	(15&16)RS-12	WILL	31	31A
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - A.R. 07-11-16			TC-23		CONTRACT NO.		62C38
	PLOT DATE = 10/31/2016	DATE -	REVISED -			SCALE: NONE	SHEET 2 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



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 1 1/2 (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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

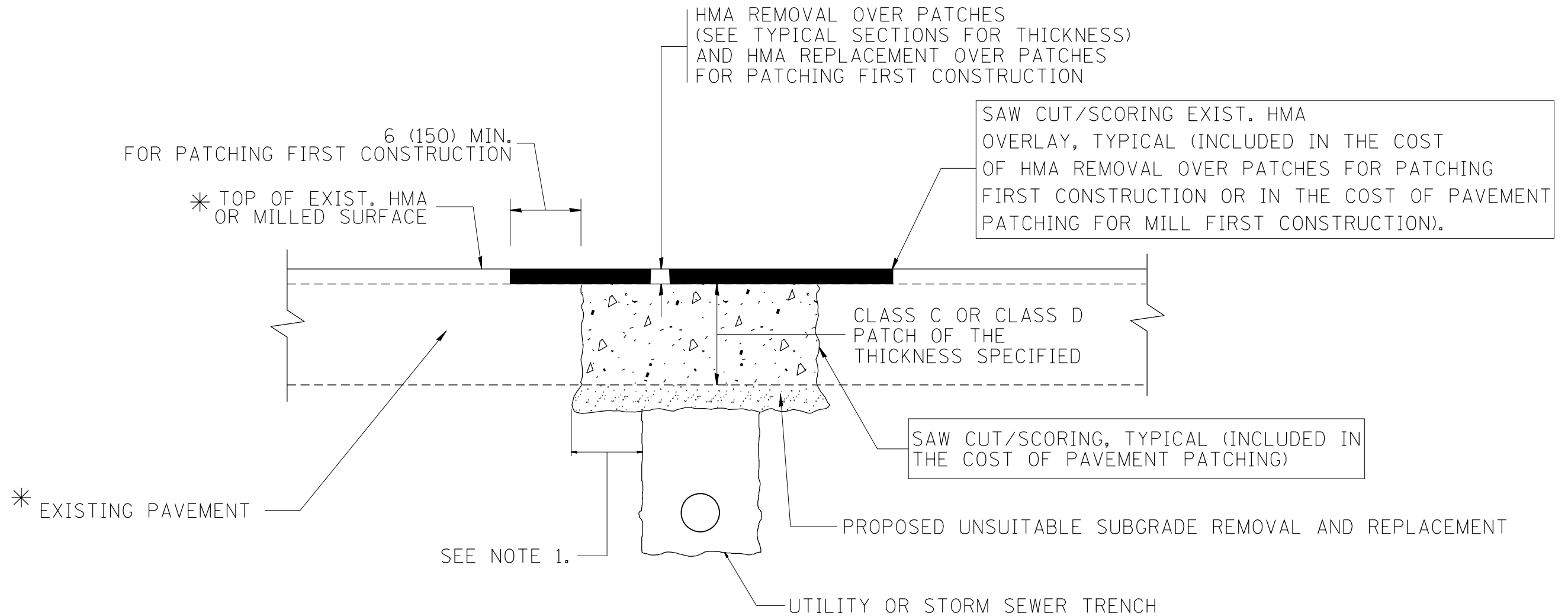
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = ldezma	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
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		DATE - 10-25-94	REVISED - R. BORO 03-09-11
			REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	32
BD600-03 (BD-8)		CONTRACT NO. 62C38		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

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 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME =	USER NAME = ledezmar	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\1345\BROWNS\Design\Diststd.dgn		REVISED - R. BORO 01-01-07	REVISED - R. BORO 09-04-07					349	(15&16)RS-12	WILL	35	33
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED - K. ENG 10-27-08			SCALE: NONE			SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	CONTRACT NO. 62C38	
PLOT DATE = 10/25/2016	DATE - 10-25-94				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 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.

NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.

② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

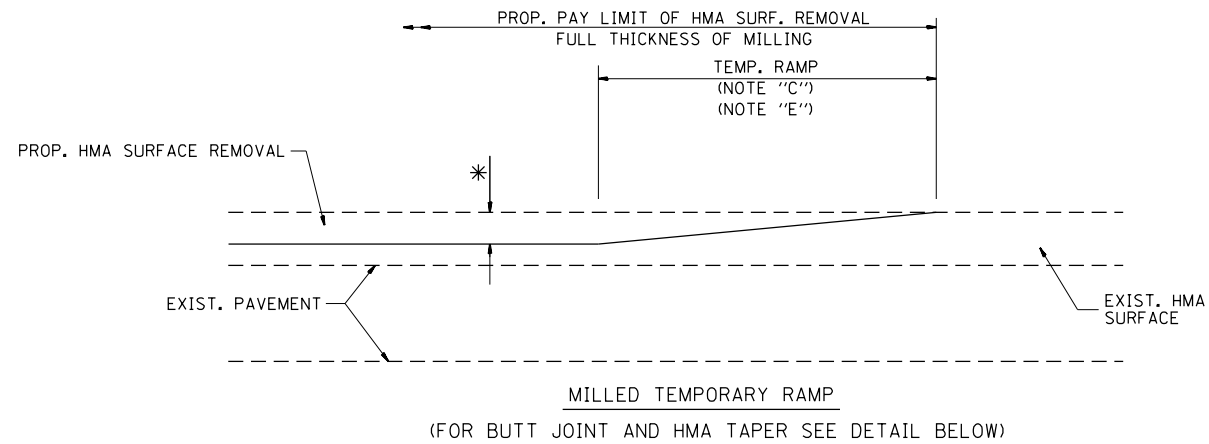
BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

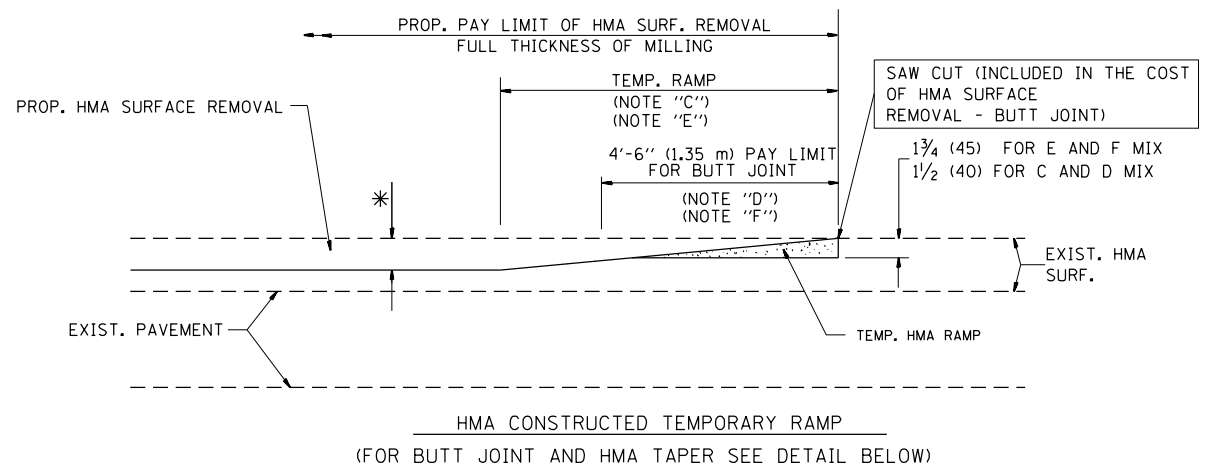
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

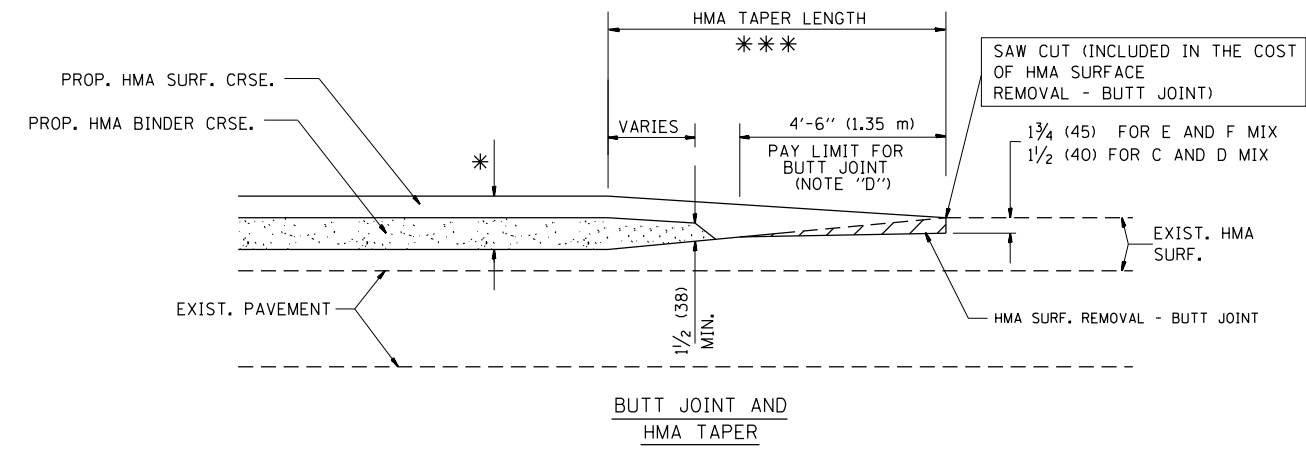
FILE NAME =	USER NAME = ldezmar	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\ll084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\1345\Drawings\Design\Diststd.dgn	CHECKED -	REVISED - A. ABBAS 03-21-97	349			(15&16)RS-12	WILL	35	34	
PLOT SCALE = 100.0000' / 1"	DATE - 03-11-94	REVISED - M. GOMEZ 01-22-01	BD600-06 (BD-24)			CONTRACT NO. 62C38				
PLOT DATE = 10/25/2016	DATE - 03-11-94	REVISED - R. BORO 12-15-09	SCALE: NONE			SHEET NO. 1 OF 1 SHEETS STA. TO STA.				
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



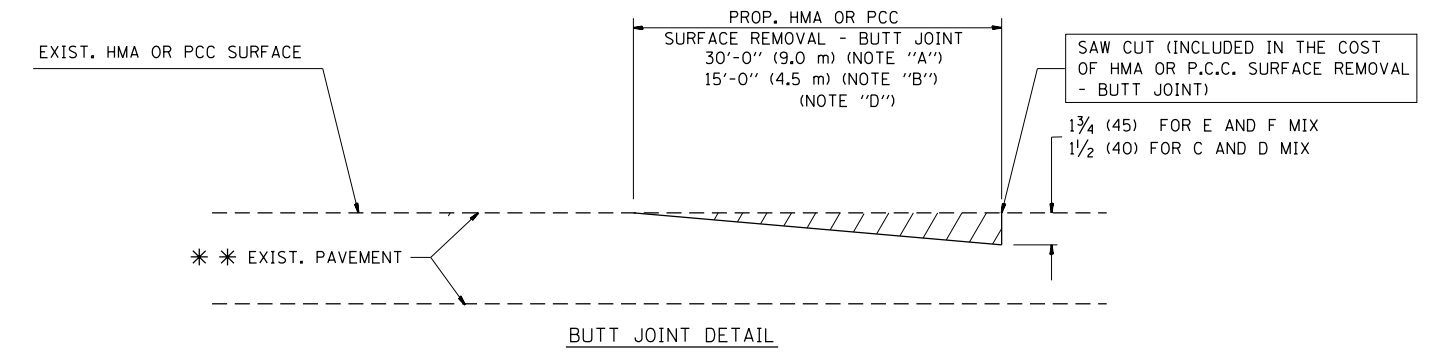
OPTION 1



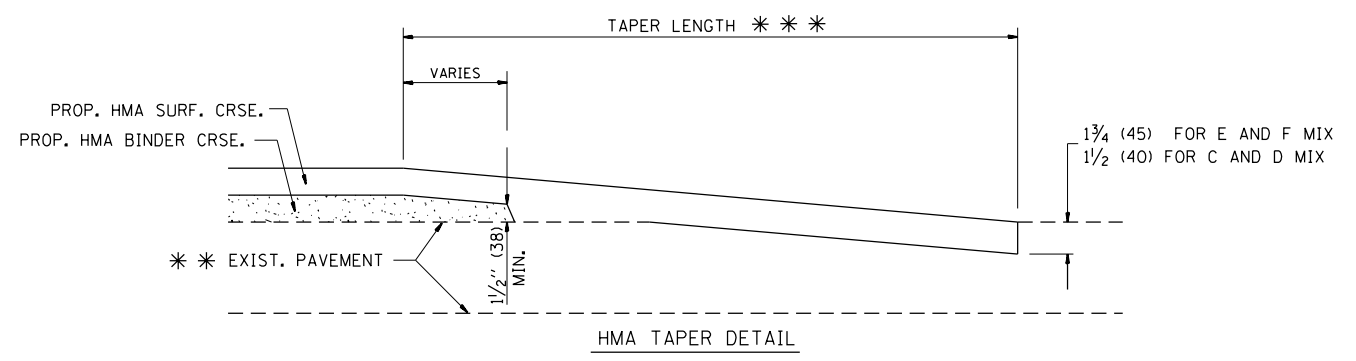
OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

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
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 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.

FILE NAME =	USER NAME = ledezmar	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
pw\11084EBID\INTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\01345\Drawings\Design\Diststd.dgn			REVISED - A. ABBAS 03-21-97
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(15&16)RS-12	WILL	35	35
BD400-05 BD32		CONTRACT NO. 62C38		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				