

032

03-08-2019 LETTING ITEM 032

FAP R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-RS	KANE	47	1
		ILLINOIS	CONTRACT NO. 62H32	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

FAP 307 : IL ROUTE 64  
EAST OF IL ROUTE 47 TO RANDALL ROAD  
SECTION: 2018-084-RS  
PROJECT: NHPP-50H4(804)  
RESURFACING (SMART) & PEDESTRIAN RAMPS

KANE COUNTY  
C-91-225-19

FOR INDEX OF SHEETS, SEE SHEET NO. 2

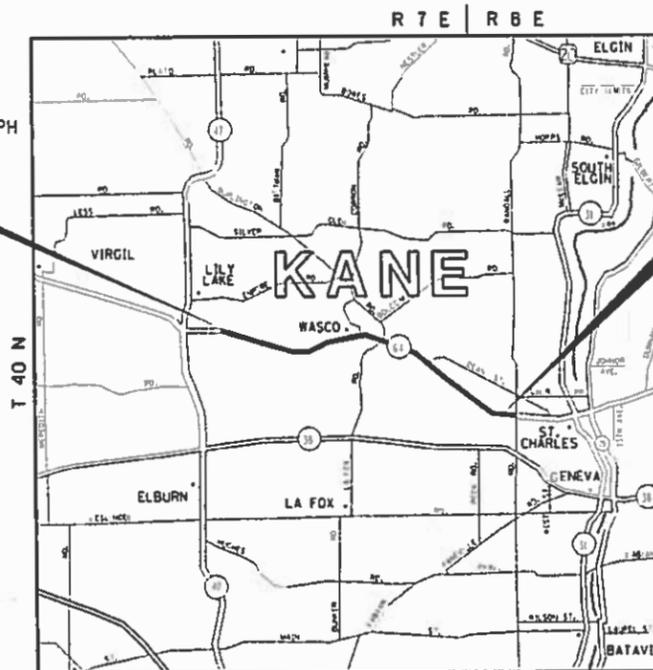
THE PROJECT IS LOCATED IN  
VILLAGES OF LILY LAKE, CAMPTON  
HILLS AND CITY OF ST. CHARLES



TRAFFIC DATA:  
2017 ADT = 5,150-16,700  
POSTED SPEED LIMIT = 45-55 MPH

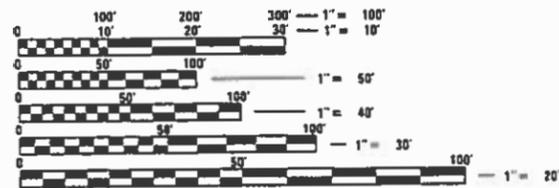
IMPROVEMENT BEGINS  
STA. 35 + 58.7

IMPROVEMENT ENDS  
STA. 434 + 41.8



CAMPTON & ST. CHARLES TWP.

GROSS LENGTH OF IMPROVEMENT = 39,883 LINEAL FT = 7.55 MILES  
NET LENGTH OF IMPROVEMENT = 39,883 LINEAL FT = 7.55 MILES



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

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

PROJECT MANAGER FAWAD AQUEEL (847) 705-4247  
PROJECT ENGINEER DANIEL WILGREEN (847) 705-4240

CONTRACT NO. 62H32

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED ~~December 5, 2018~~  
*Anthony A. Dwyer* (847) [signature]  
REGIONAL ENGINEER

*Feb 19 2019*  
ENGINEER OF DESIGN AND ENVIRONMENT

*Feb 20 19*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

**HIGHWAY STANDARDS**

**GENERAL NOTES**

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
3-5	SUMMARY OF QUANTITIES
6	SCHEDULE OF QUANTITIES (LANDSCAPING)
7-8	EXISTING AND PROPOSED TYPICAL SECTIONS
9-23	ROADWAY AND PAVEMENT MARKING PLANS
24-31	ADA SIDEWALK DETAIL PLANS
32-36	DETECTOR LOOP REPLACEMENT PLANS
37	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
38	PAVEMENT PATCHING FOR HMA SURFACE PAVEMENT (BD-22)
39	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
40	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
41	RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY (BD-55)
42	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
43	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (TC-11)
44	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
45	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
46	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
47	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
642006	SHOULDER RUMBLE STRIPS, 8 IN.
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
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, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEED > 45 MPH
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
886001-01	DETECTOR LOOP INSTALLATIONS

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.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, CITY OF ST. CHARLE, VILLAGES OF LILY LAKE AND CAMPTON HILLS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.

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.

ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, DRAINAGE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE RESIDENT ENGINEER SHALL CONTACT DON CHIARUGI, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR KANE COUNTY, VIA E-MAIL AT DON.CHIARUGI@ILLINOIS.GOV AND AT (847) 741-9857, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES. THE COST OF THE PAVEMENT MARKINGS TAPE, TYPE III REMOVAL SHALL BE INCLUDED IN THE COST OF TEMPORARY PAVEMENT MARKING REMOVAL.

WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 km/h). WITH WRITTEN APPROVAL OF 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) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

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.

UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.

PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.

THE BEGINNING OF STRIPED NO-PASSING ZONES SHALL COINCIDE WITH THE EXISTING SIGNING PANELS.

ALL PAVEMENT MARKING SHALL BE INSTALLED ACCORDING TO IDOT'S DISTRICT ONE DETAIL TC-13.

RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S DISTRICT ONE DETAIL TC-11.

CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

FILE NAME =	USER NAME = shiranisb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)</b>	FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI02619\Design\DI02619-shr-genote.dgn	DRWN	CHECKED -	REVISED -			307	2018-084-RS	KANE	47	2	
Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -			<b>CONTRACT NO. 62H32</b>					
	PLOT DATE = 12/11/2018	DATE -	REVISED -			SCALE: 1"= 50'	SHEET	OF	SHEETS	STA.	TO

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
20100110	TREE REMOVAL ( 6 TO 15 UNITS DIAMETER)	UNIT	103	103				
20100210	TREE REMOVAL ( OVER 15 UNITS DIAMETER)	UNIT	156	156				
20101350	TREE PRUNING ( OVER 10 INCH DIAMETER)	EACH	2	2				
20200100	EARTH EXCAVATION	CU YD	36	36				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	52	52				
21400100	GRADING AND SHAPING DITCHES	FOOT	750	750				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1	1				
25000210	SEEDING, CLASS 2A	ACRE	0.04	0.04				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1	1				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1	1				
25003312	INTERSEEDING, CLASS 4A	ACRE	3.638	3.638				
25100630	EROSION CONTROL BLANKET	SQ YD	170	170				
25200110	SODDING, SALT TOLERANT	SO YD	52	52				
25200200	SUPPLEMENTAL WATERING	UNIT	1	1				
40600290	BITUMINOUS MATERIALS ( TACK COAT)	POUND	95600	95600				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	319	319				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	930	930				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	20820	20820				
42001300	PROTECTIVE COAT	SO YD	100	100				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	740	740				
42400800	DETECTABLE WARNINGS	SO FT	88	88				
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	212445	212445				
44000600	SIDEWALK REMOVAL	SO FT	450	450				
44004250	PAVED SHOULDER REMOVAL	SO YD	6	6				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	37	37				
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	100	100				
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	20	20				
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2	2				
60250200	CATCH BASIN TO BE ADJUSTED	EACH	10	10				
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	7500	7500				
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	36	36				
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3				
* *	SPECIALTY ITEMS							

FILE NAME =	USER NAME = shtanisb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)</b>	FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		DATE -	REVISED -			CONTRACT NO. 62H32					
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

URBAN

URBAN

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1				
* 66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	10	10				
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6				
67100100	MOBILIZATION	L SUM	1	1				
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1				
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1				
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1				
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
70300100	SHORT TERM PAVEMENT MARKING	FOOT	33085	33085				
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	11028	11028				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2260	2260				
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	158560	158560				
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	10235	10235				
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1050	1050				
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2175	2175				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	950	950				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	16542	16542				
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	2260	2260				
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	158560	158560				
*	SPECIALTY ITEMS							

FILE NAME =	USER NAME = s1tran1sb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)</b>	FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 1/32" = 100.0000' / 1 in.	CHECKED -	REVISED -			CONTRACT NO. 62H32					
	PLOT DATE = 12/12/2018	DATE -	REVISED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT

URBAN

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SUMMARY OF QUANTITIES			TOTAL QUANTITIES		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE 0005					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	10235	10235					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1050	1050					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2175	2175					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	950	950					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1605	1605					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1605	1605					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	3735	3735					
* 89502376	REBUILD EXISTING HANDHOLE	EACH	1	1					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
X0326898	CENTER LINE - RUMBLE STRIP - 16"	FOOT	4450	4450					
X0327036	BIKE PATH REMOVAL	SO YD	30	30					
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	7.28	7.28					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	25	25					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES		CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	80% FED 20% STATE 0005					
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	84042	84042					
* X7800815	HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE - 4 INCH	FOOT	5610	5610					
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	200	200					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	14	14					
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4					
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	58950	58950					
<input type="checkbox"/>	NON-PARTICIPATING								
*	SPECIALTY ITEMS								

FILE NAME =	USER NAME = sthransb	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)</b>				FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\NLO\B4EBID\INT\EG\Illinois.gov\FWIDOT\Documents\DOT	Offices\District\Projects\DI02619\CADD\Design\DI02619	DRAWN -	REVISED -		307	2018-084-RS	KANE	47	5				
	PLOT SCALE = 100,0000' / 1in	CHECKED -	REVISED -		CONTRACT NO. 62H32								
	PLOT DATE = 12/11/2018	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.								

CODE NUMBER: 20100110

TREE REMOVAL (6 TO 15 UNITS DIAMETER)		
STATION	QUANTITY	REMARKS
55+10 RT	7 UNITS	
82+80 LT	46 UNITS	14", 12", 12", 8"
186+70 LT	10 UNITS	
312+15 LT	40 UNITS	7", 13", 10", 10"
TOTAL	103 UNITS	

CODE NUMBER: 20100210

TREE REMOVAL (OVER 15 UNITS DIAMETER)		
STATION	QUANTITY	REMARKS
90+80 RT	33 UNITS	15", 18"
115+60 LT	42 UNITS	
311+15 LT	28 UNITS	
312+15 LT	53 UNITS	16", 20", 17"
TOTAL	156 UNITS	

CODE NUMBER: 20101350

TREE PRUNING (OVER 10 INCH DIAMETER)		
STATION	QUANTITY	REMARKS
56+20 LT	1 EACH	NORWAY MAPLE
222+85 LT	1 EACH	BLACK WALNUT
TOTAL	2 EACH	

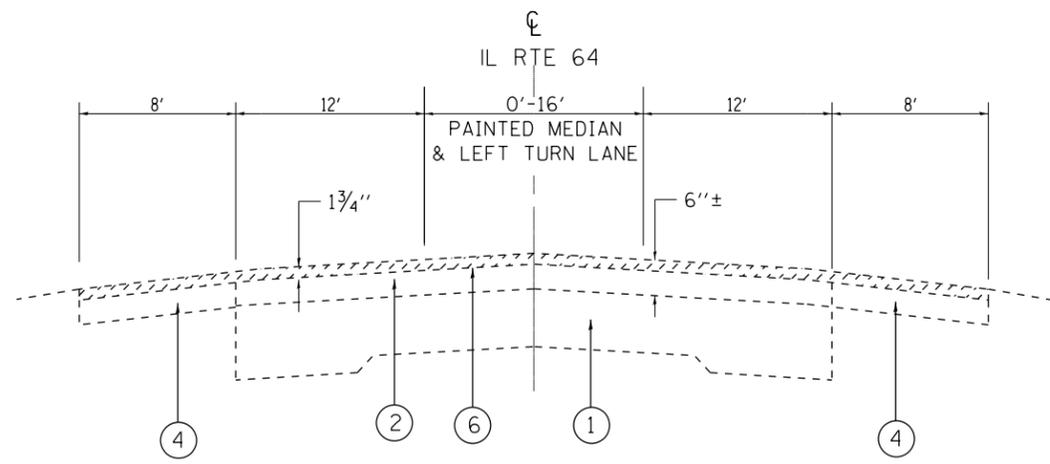
CODE NUMBER: X2010350

TREE REMOVAL, ACRES (SPECIAL)		
STATION	QUANTITY	AREA
58+50 TO 66+50 RT	0.344 ACRE	20 FT X 750 FT
67+00 TO 74+40 LT	0.192 ACRE	10 FT X 840 FT
77+50 TO 81+15 LT	0.084 ACRE	10 FT X 365 FT
131+30 TO 133+55 RT	0.077 ACRE	15 FT X 225 FT
137+00 TO 138+40 LT	0.064 ACRE	20 FT X 140 FT
144+80 TO 145+30 RT	0.022 ACRE	20 FT X 50 FT
163+25 TO 164+25 RT	0.022 ACRE	10 FT X 100 FT
195+30 TO 196+80 LT	0.035 ACRE	10 FT X 150 FT
200+40 TO 217+10 LT	0.958 ACRE	25 FT X 1670 FT
223+50 TO 227+90 RT	0.202 ACRE	20 FT X 440 FT
245+80 TO 248+70 LT	0.166 ACRE	25 FT X 290 FT
278+70 TO 292+00 LT	0.458 ACRE	15 FT X 1330 FT
291+20 TO 296+90 RT	0.240 ACRE	18 FT X 570 FT
299+00 TO 306+00 LT	0.241 ACRE	15 FT X 700 FT
336+00 TO 344+50 RT	0.293 ACRE	15 FT X 850 FT
392+40 TO 393+60 LT	0.055 ACRE	20 FT X 120 FT
409+40 TO 410+10 LT	0.032 ACRE	20 FT X 70 FT
TOTAL	3.638 ACRE	

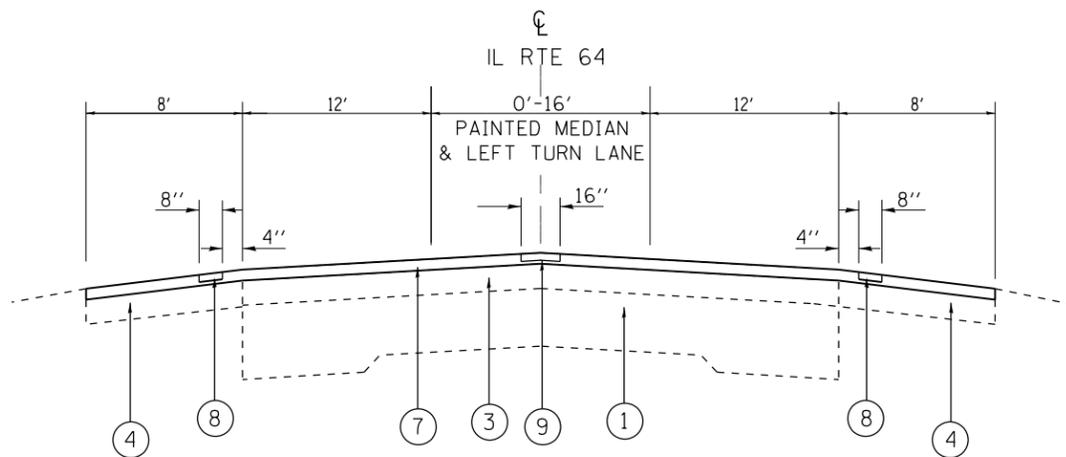
CODE NUMBER: 25003312

INTERSEEDING, CLASS 4A		
STATION	QUANTITY	REMARKS
AREAS OF TREE REMOVAL, ACRES (SPECIAL)	3.638 ACRE	

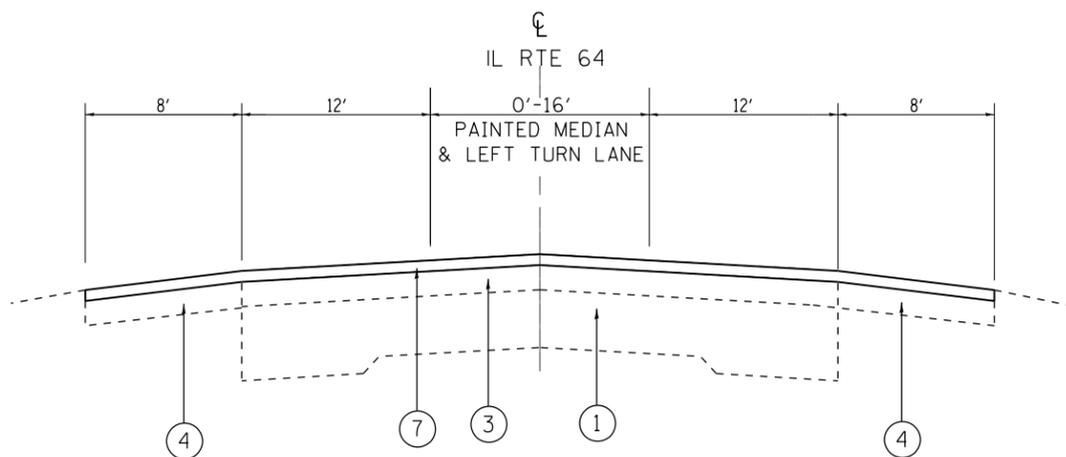
NOTE: CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.



EXISTING TYPICAL SECTION IL 64  
STA. 35+58.7 TO STA. 410+19.8



PROPOSED TYPICAL SECTION IL 64  
STA. 35+58.7 TO STA. 80+00



PROPOSED TYPICAL SECTION IL 64  
STA. 80+00 TO STA. 410+19.8

**LEGEND**

- ① EXISTING P.C.C. PAVEMENT, 9"±
- ② EXISTING HOT-MIX ASPHALT SURFACE, 6"±
- ③ EXISTING HMA SURFACE OVERLAY AFTER MILLING, 4 1/4"±
- ④ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑤ EXISTING COMB. CONCRETE CURB AND GUTTER
- ⑥ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑦ PROPOSED POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- ⑧ PROPOSED SHOULDER RUMBLE STRIPS, (8" WIDE)
- ⑨ PROPOSED CENTER LINE RUMBLE STRIPS, (16" WIDE)

**NOTES:**

FOR THE EXISTING HMA SURFACE, THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE WHERE THE SURFACE JOINT WILL BE LOCATED.

CENTERLINE RUMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006.

**HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE USES	DESIGN AIR VOIDS @ N <sub>DES</sub>	QMP
<b>PAVEMENT RESURFACING</b>		
POLY. HMA SURFACE COURSE, MIX "E", N70, (IL-9.5 mm)	4% AT 70 GYR.	PPF
<b>PAVEMENT PATCHING</b>		
CLASS D PATCH (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PPF)		

**NOTES:**

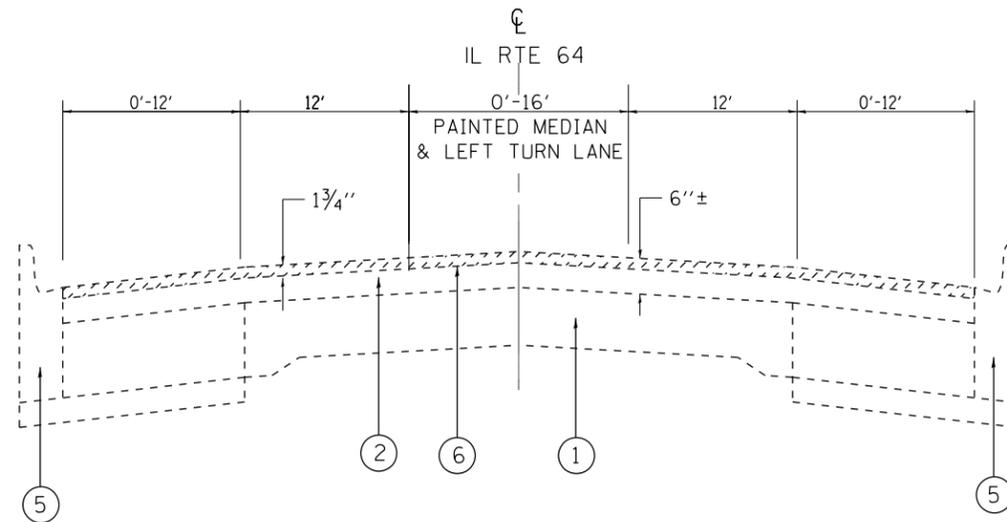
THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURES QUANTITIES IS 112 LBS/SQ YD/IN.

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 DISTRICT ONE SPECIAL PROVISIONS.

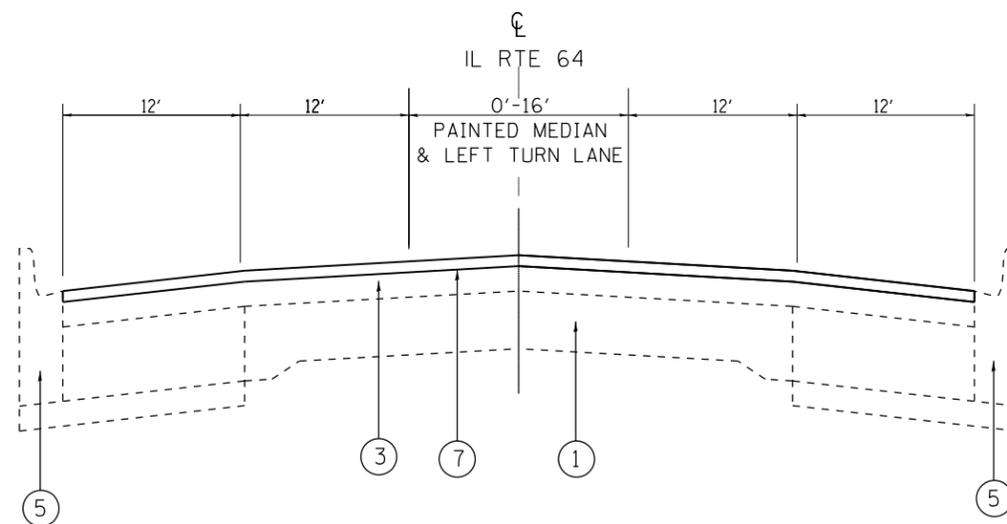
FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS. QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

### LEGEND

- ① EXISTING P.C.C. PAVEMENT, 9"±
- ② EXISTING HOT-MIX ASPHALT SURFACE, 6"±
- ③ EXISTING HMA SURFACE OVERLAY AFTER MILLING, 4 1/4"±
- ④ EXISTING HOT-MIX ASPHALT SHOULDER, 8"
- ⑤ EXISTING COMB. CONCRETE CURB AND GUTTER
- ⑥ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑦ PROPOSED POLY. HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70, 1 3/4"
- ⑧ PROPOSED SHOULDER RUMBLE STRIPS, (8" WIDE)
- ⑨ PROPOSED CENTER LINE RUMBLE STRIPS, (16" WIDE)



EXISTING TYPICAL SECTION IL 64  
STA. 410+19.8 TO STA. 434+41.8



PROPOSED TYPICAL SECTION IL 64  
STA. 410+19.8 TO STA. 434+41.8

**NOTES:**

FOR THE EXISTING HMA SURFACE, THE CONTRACTOR SHALL DO PAVEMENT MILLING FIRST, THEN PATCHING THE ROADWAY PER BD-22 DETAIL.

THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE WHERE THE SURFACE JOINT WILL BE LOCATED.

CENTERLINE RUMBLE STRIPS ARE TO BE PLACED ACCORDING TO DISTRICT DETAIL "RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY".

SHOULDER RUMBLE STRIPS SHALL BE PLACED ACCORDING TO HIGHWAY STANDARD 642006.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

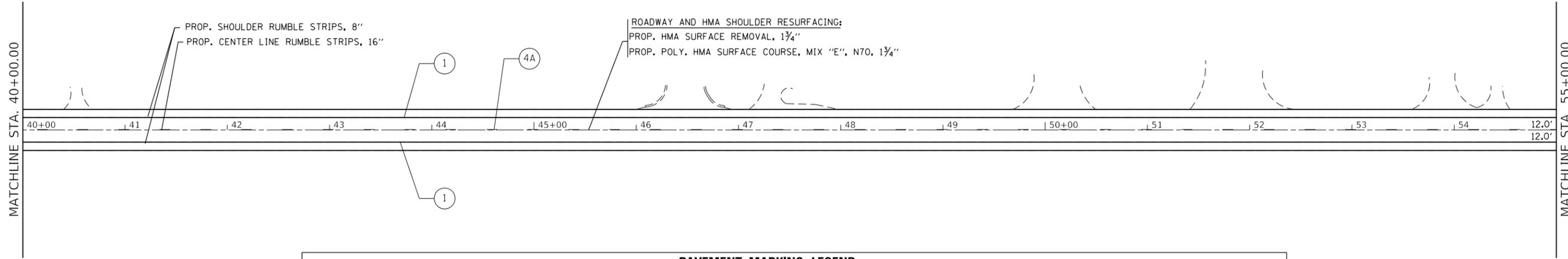
**EXISTING AND PROPOSED TYPICAL SECTIONS  
IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)**

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

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-RS	KANE	47	8
			CONTRACT NO. 62H32	
ILLINOIS FED. AID PROJECT				

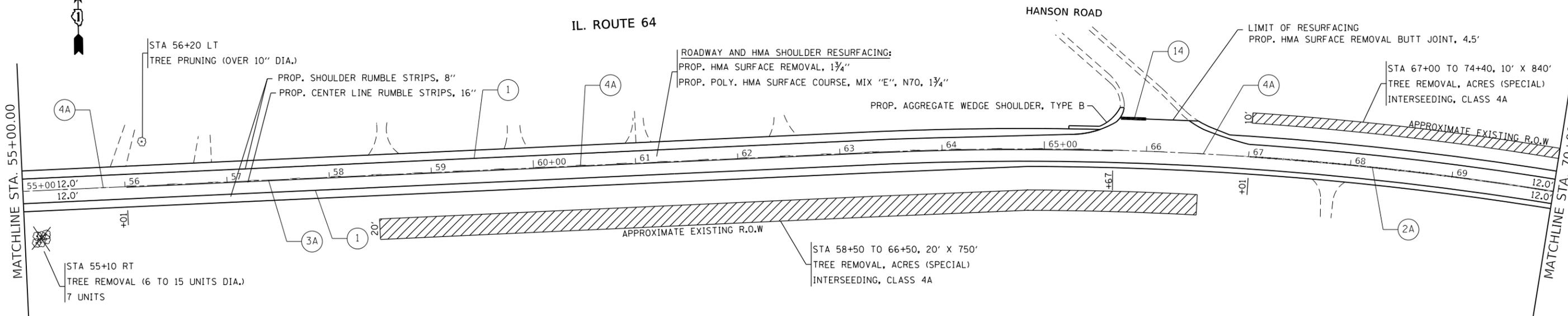


IL. ROUTE 64



**PAVEMENT MARKING LEGEND**

- |   |  |   |
|---|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)                             | ④A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN. |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)                | ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)             | ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" MEDIAN DIAGONALS @ 45°, YELLOW (TYP.), 75' SPACING OR 5 MIN.   |
| ②A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)     | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)  | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.), 30' SPACING                     |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                           | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)                  | ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)               |
| ③A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)                       | ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)   |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" CHANNELIZING LINES, WHITE (TYP.)                               | ⑮ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)  |



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

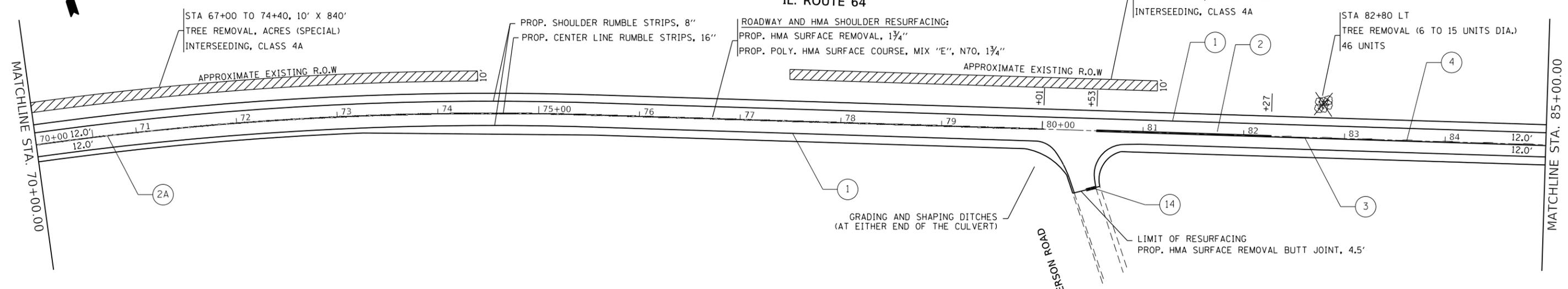
**ROADWAY PLAN**  
**IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)**  
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H32	

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	DATE -	REVISED -

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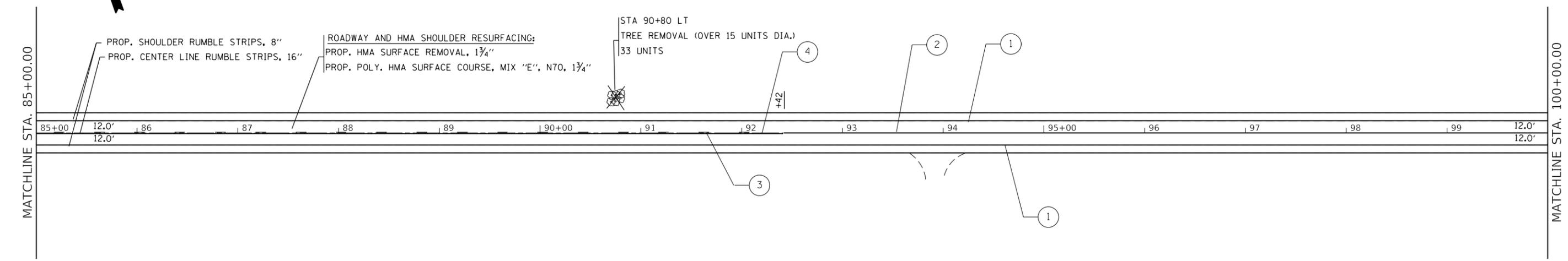
IL. ROUTE 64



PAVEMENT MARKING LEGEND

① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)	④A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.)	⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN.
② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)	⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)	⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" MEDIAN DIAGONALS @ 45°, YELLOW (TYP.), 75' SPACING OR 5 MIN.
②A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)	⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)	⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.), 30' SPACING
③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)	⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)	⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)
③A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)	⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)	⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
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IL. ROUTE 64



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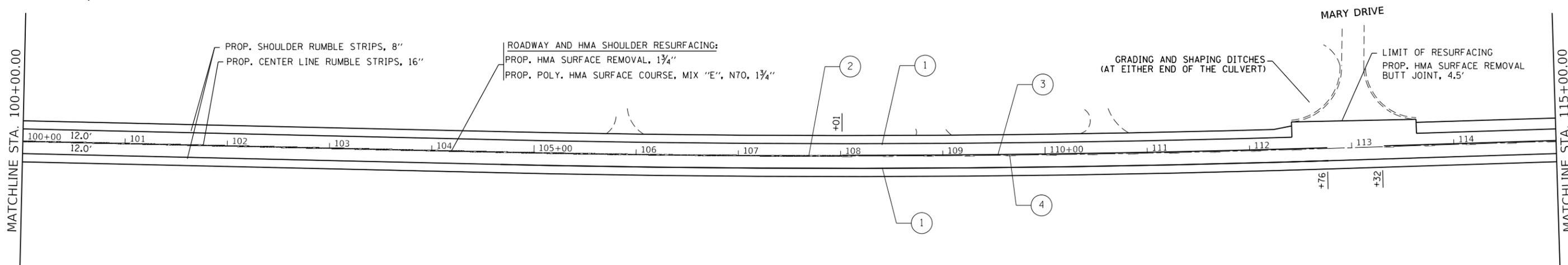
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN  
IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)  
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	11
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				

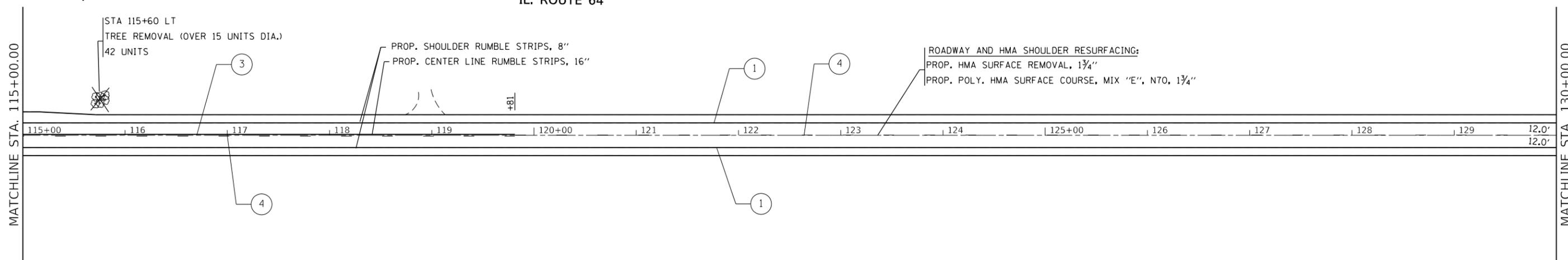
IL. ROUTE 64



**PAVEMENT MARKING LEGEND**

- |   |  |   |
|---|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)                             | ④A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN. |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)                | ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)             | ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" MEDIAN DIAGONALS @ 45°, YELLOW (TYP.), 75' SPACING OR 5 MIN.   |
| ②A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)     | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)  | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.), 30' SPACING                     |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                           | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)                  | ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)               |
| ③A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)                       | ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)   |
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IL. ROUTE 64



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	DATE -	REVISED -

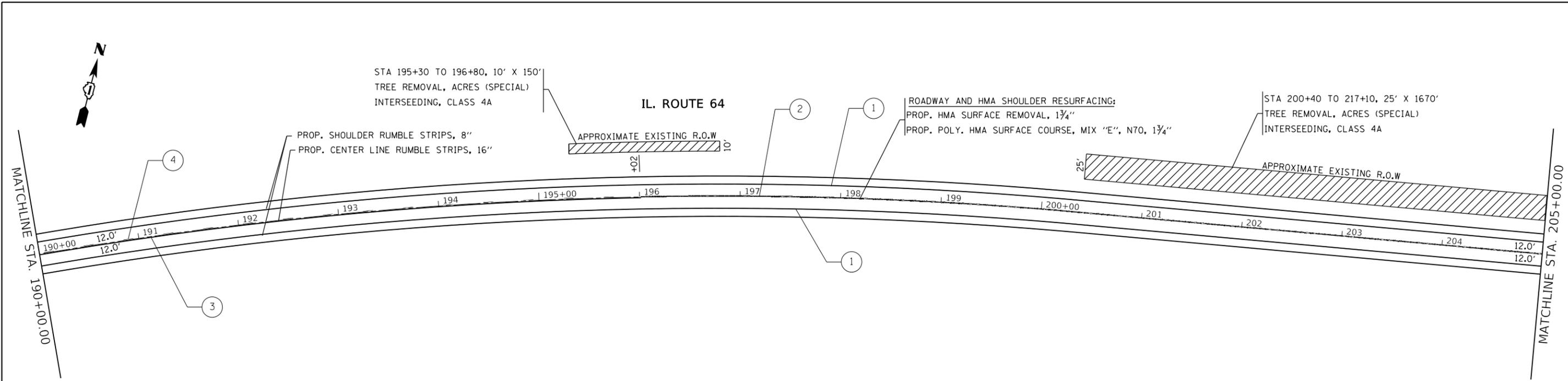
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**  
**IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)**  
 SCALE: 1"= 50'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				

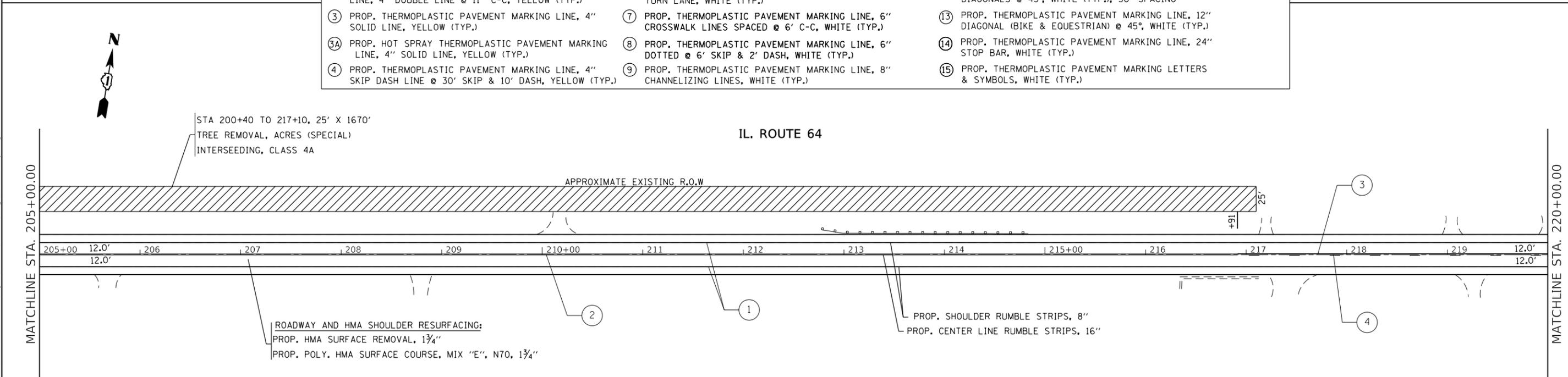






**PAVEMENT MARKING LEGEND**

① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)	④A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.)	⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN.
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③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)	⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)	⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)
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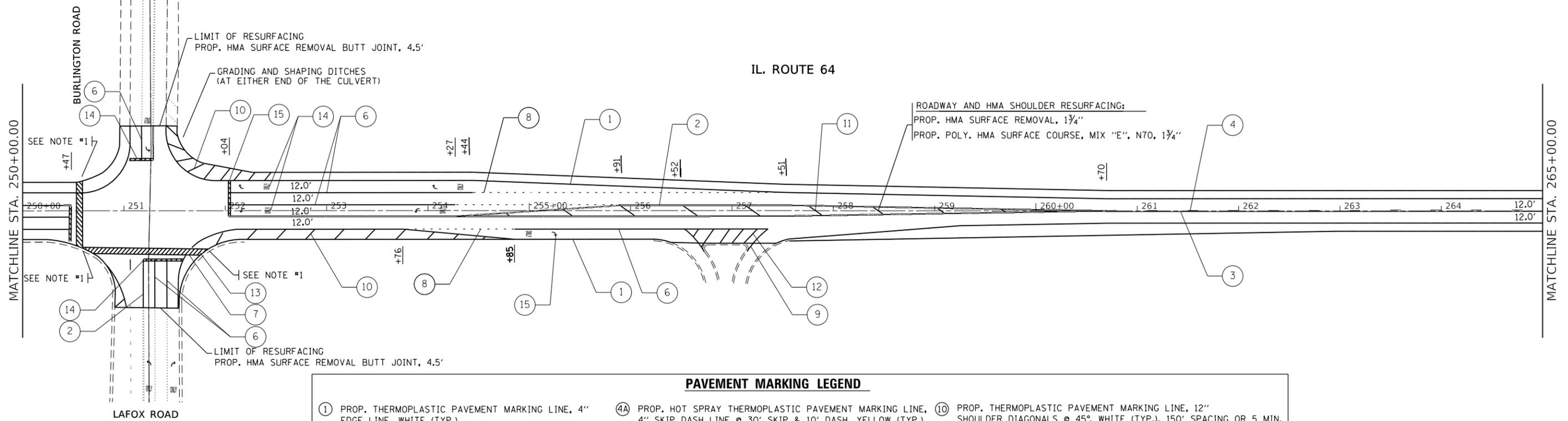
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PLAN</b>	
<b>IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)</b>	
SCALE: 1"= 50'	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	15
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				



IL. ROUTE 64

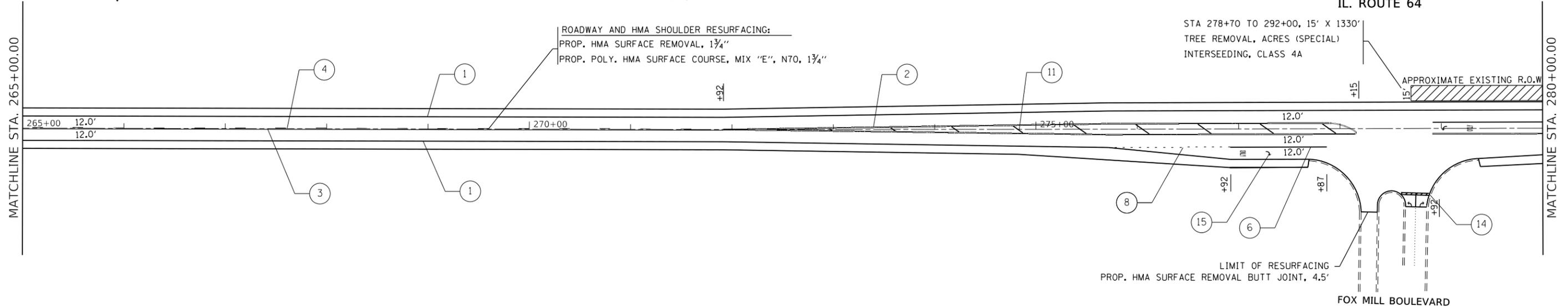


PAVEMENT MARKING LEGEND

- |   |  |   |
|---|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)                             | ④A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN. |
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| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                           | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)                  | ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)               |
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| ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" CHANNELIZING LINES, WHITE (TYP.)                               | ⑮ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)  |



IL. ROUTE 64



**NOTE:**  
1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

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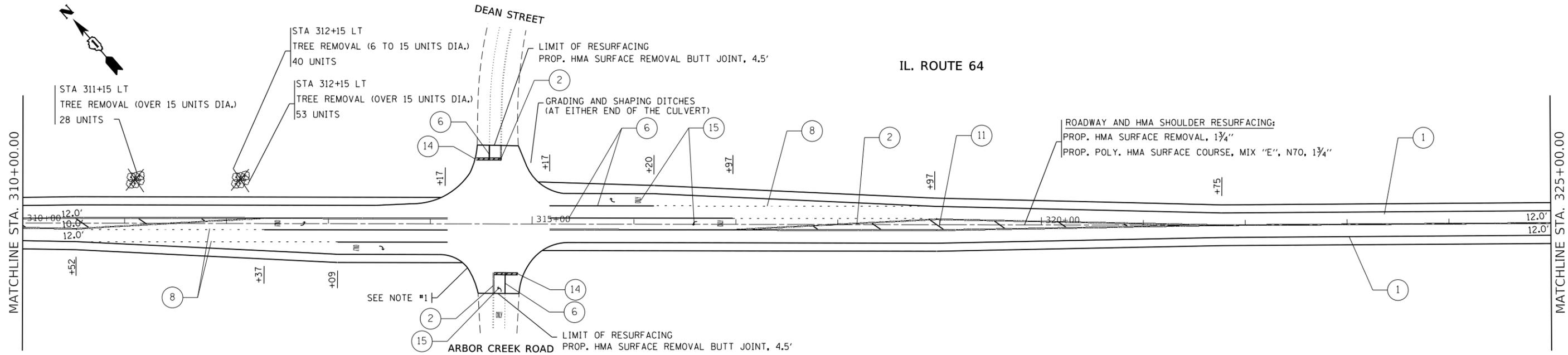
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**ROADWAY PLAN**  
**IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)**  
SCALE: 1"= 50'  
SHEET OF SHEETS STA. TO STA.

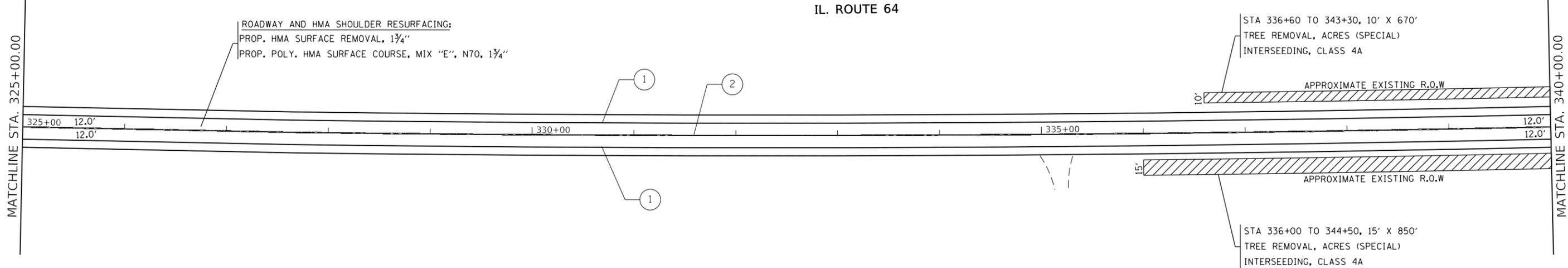
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	17
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				



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PAVEMENT MARKING LEGEND			
①	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)	⑩	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN.
②	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)	⑪	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" MEDIAN DIAGONALS @ 45°, YELLOW (TYP.), 75' SPACING OR 5 MIN.
②A	PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)	⑫	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.), 30' SPACING
③	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)	⑬	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)
③A	PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)	⑭	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)
④	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.)	⑮	PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)
④A	PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.)		
⑤	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)		
⑥	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)		
⑦	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)		
⑧	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)		
⑨	PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" CHANNELIZING LINES, WHITE (TYP.)		



**NOTE:**  
1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

USER NAME = shiraniib	DESIGNED -	REVISED - SS - 1/18/2019
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/15/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN**  
**IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)**  
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

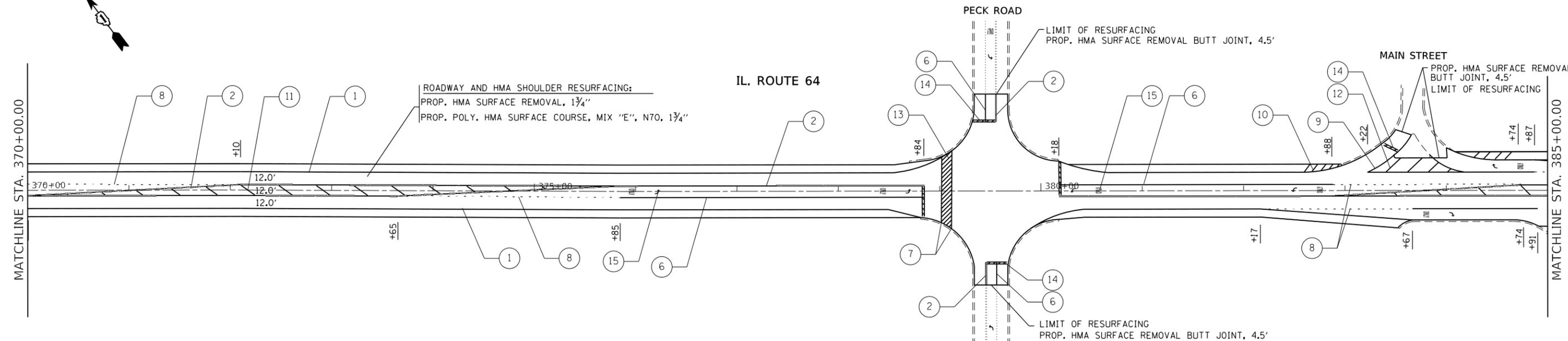
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	19
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				





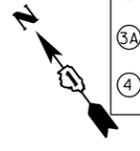
MATCHLINE STA. 370+00.00

MATCHLINE STA. 385+00.00



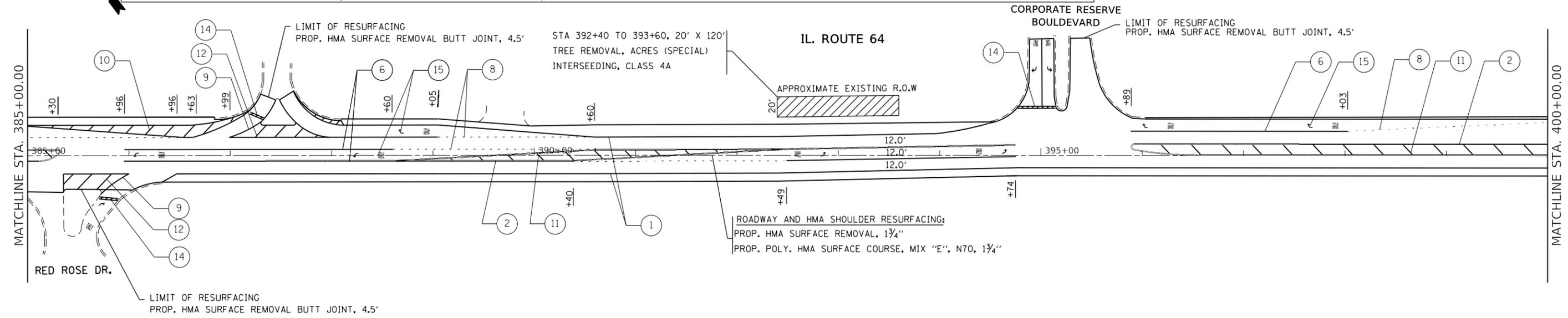
**PAVEMENT MARKING LEGEND**

- |   |  |   |
|---|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)                             | ④A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN. |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)                | ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)             | ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" MEDIAN DIAGONALS @ 45°, YELLOW (TYP.), 75' SPACING OR 5 MIN.   |
| ②A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)     | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)  | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.), 30' SPACING                     |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                           | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)                  | ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)               |
| ③A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)                       | ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)   |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" CHANNELIZING LINES, WHITE (TYP.)                               | ⑮ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)  |



MATCHLINE STA. 385+00.00

MATCHLINE STA. 400+00.00



**NOTE:**

1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

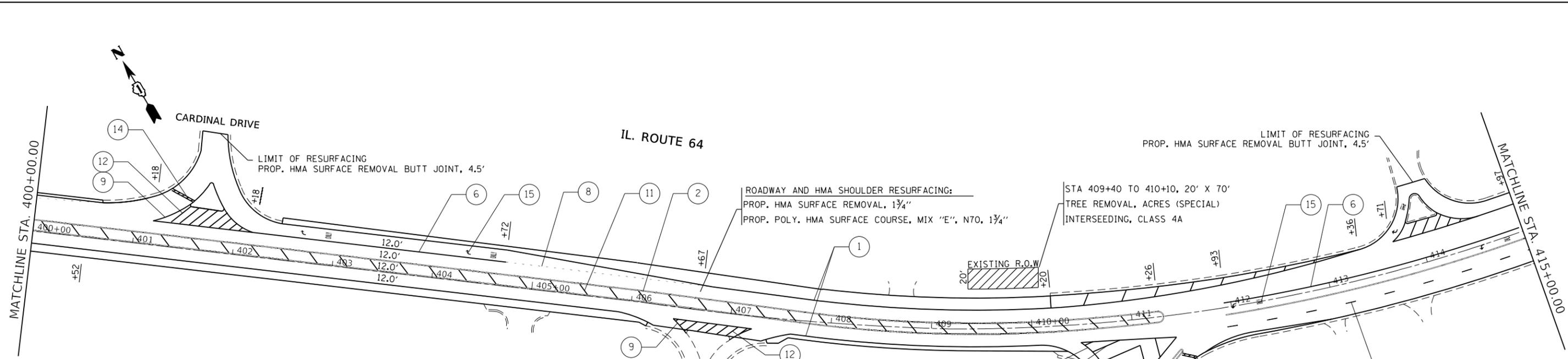
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DATE: 12/11/2018

USER NAME = shirani	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

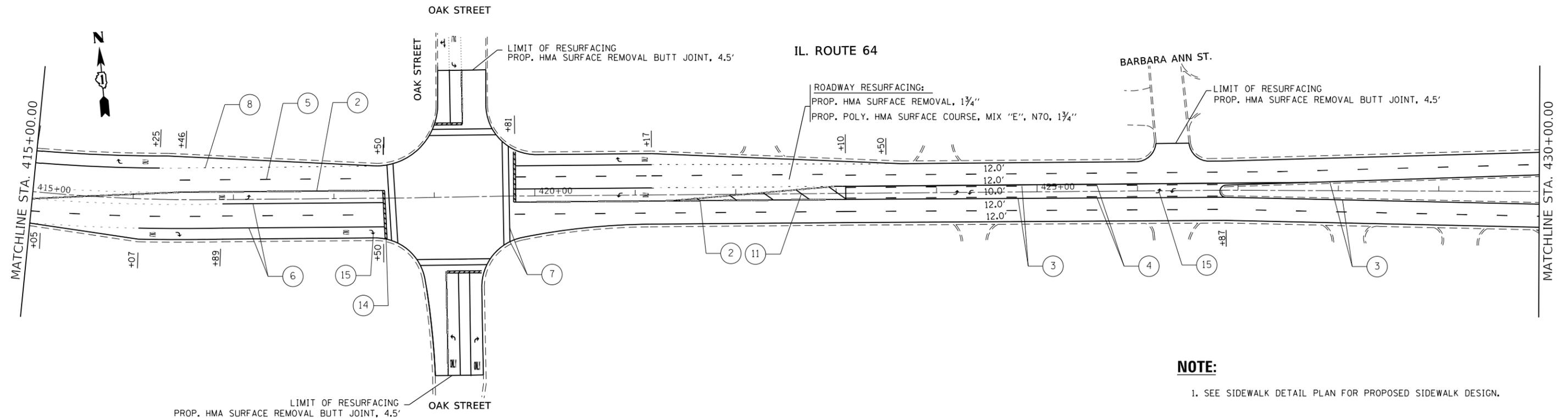
**ROADWAY PLAN**  
**IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)**  
SCALE: 1" = 50'  
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	21
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- |   |  |   |
|---|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)                             | ④A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN. |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)                | ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)             | ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" MEDIAN DIAGONALS @ 45°, YELLOW (TYP.), 75' SPACING OR 5 MIN.   |
| ②A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)     | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)  | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.), 30' SPACING                     |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                           | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)                  | ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)               |
| ③A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)                       | ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)   |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" CHANNELIZING LINES, WHITE (TYP.)                               | ⑮ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)  |



**NOTE:**  
1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

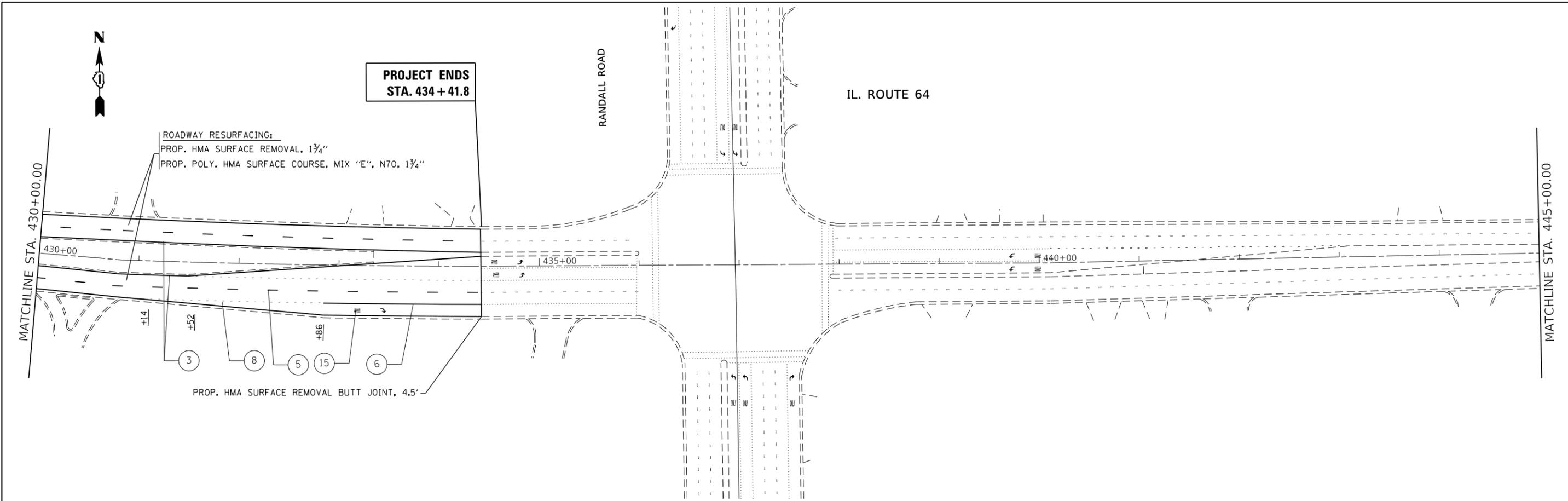
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USER NAME = shiraniib	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)**  
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	22
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				



**PAVEMENT MARKING LEGEND**

- |   |  |   |
|---|--|---|
| ① PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" EDGE LINE, WHITE (TYP.)                             | ④A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" SHOULDER DIAGONALS @ 45°, WHITE (TYP.), 150' SPACING OR 5 MIN. |
| ② PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)                | ⑤ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, WHITE (TYP.)             | ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" MEDIAN DIAGONALS @ 45°, YELLOW (TYP.), 75' SPACING OR 5 MIN.   |
| ②A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" DOUBLE LINE @ 11" C-C, YELLOW (TYP.)     | ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" TURN LANE, WHITE (TYP.)  | ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONALS @ 45°, WHITE (TYP.), 30' SPACING                     |
| ③ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                           | ⑦ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" CROSSWALK LINES SPACED @ 6' C-C, WHITE (TYP.)                  | ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 12" DIAGONAL (BIKE & EQUESTRIAN) @ 45°, WHITE (TYP.)               |
| ③A PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING LINE, 4" SOLID LINE, YELLOW (TYP.)                | ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 6" DOTTED @ 6' SKIP & 2' DASH, WHITE (TYP.)                       | ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 24" STOP BAR, WHITE (TYP.)   |
| ④ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 4" SKIP DASH LINE @ 30' SKIP & 10' DASH, YELLOW (TYP.) | ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING LINE, 8" CHANNELIZING LINES, WHITE (TYP.)                               | ⑮ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS & SYMBOLS, WHITE (TYP.)  |

**NOTE:**

1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

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USER NAME = shiraniib	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

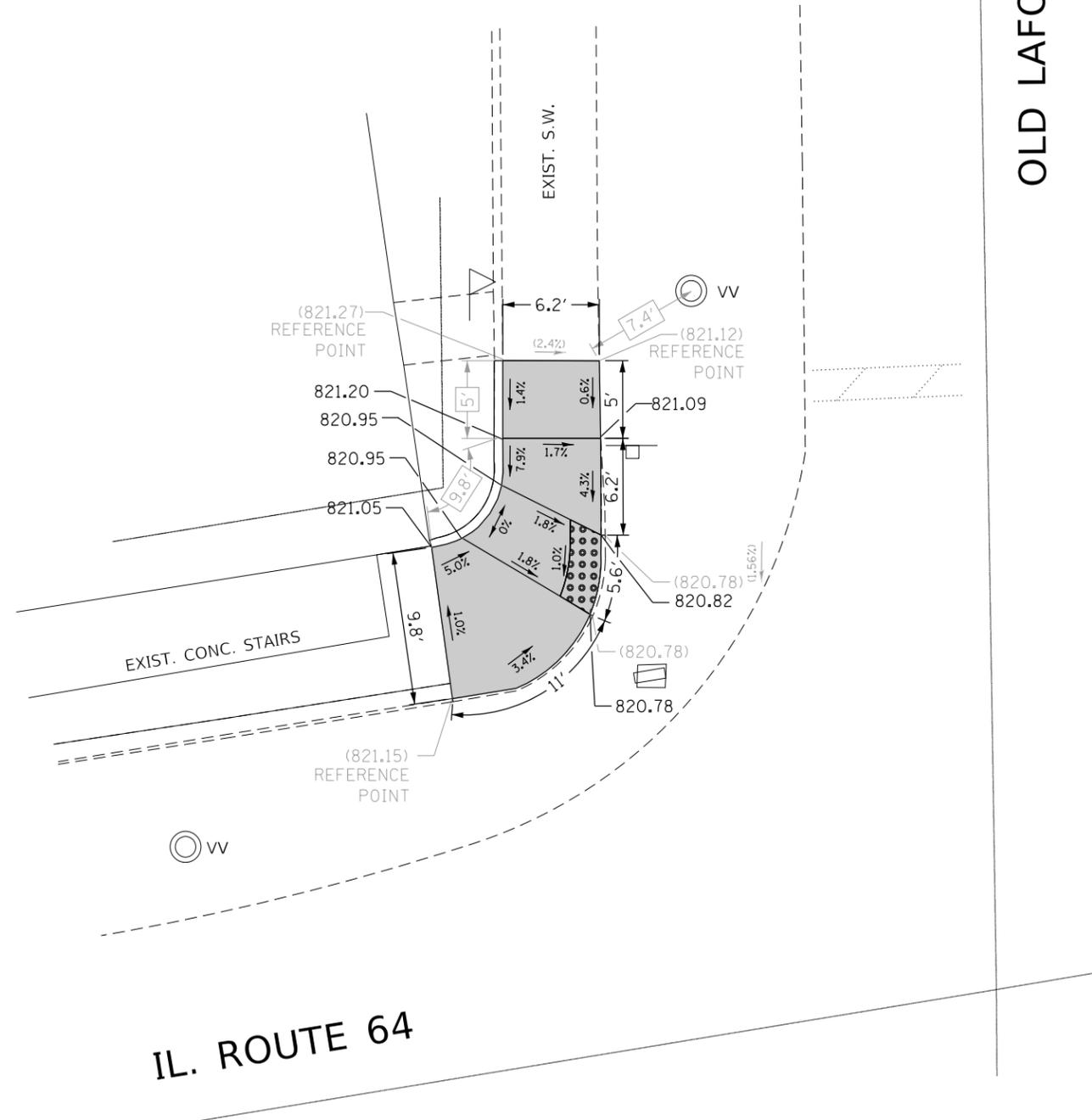
**ROADWAY PLAN  
IL. ROUTE 64 (EAST OF IL. ROUTE 47 TO EAST OF RANDALL ROAD)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	23
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				



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REFERENCE BENCHMARK ELEV 822.97

BENCHMARK : TOP SPINDLE OF FIRE HYDRANT

LOCATION : IN THE S.E. CORNER OF IL 64 & OLD LAFOX RD

### LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

( )

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD



HMA BIKE PATH REMOVAL  
REPLACE W/TOPSOIL & SOD

USER NAME = shiraniib	DESIGNED - PLP 10/04/2016	REVISED - PLP 11/07/2016
	DRAWN - PLP 10/04/2016	REVISED - PLP 08/11/2017
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED - PLP 09/14/2017
PLOT DATE = 12/11/2018	DATE -	REVISED - PLP 01/10/2018

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

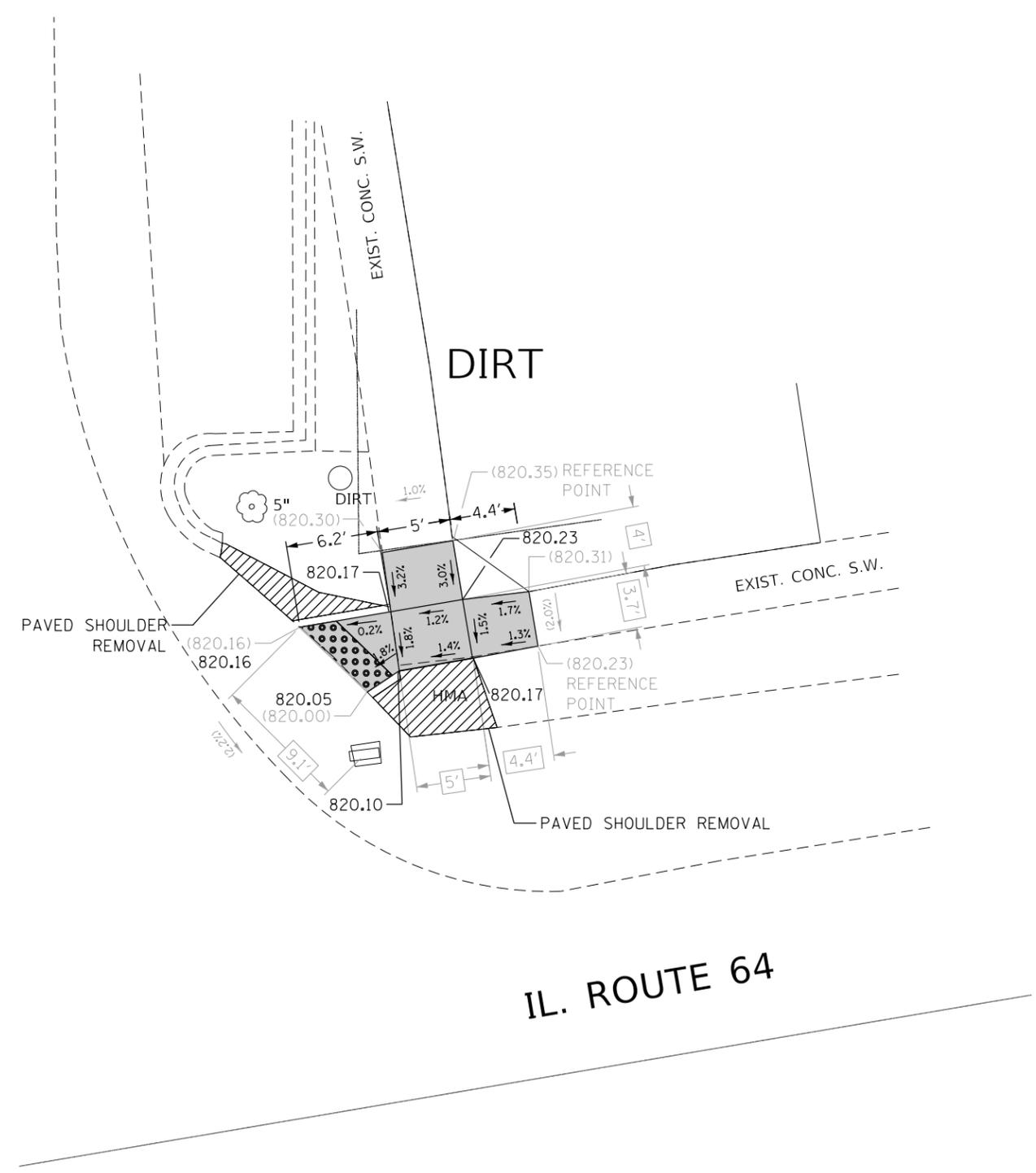
**SIDEWALK DETAIL PLAN  
IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	25
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				

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OLD LAFOX ROAD



IL. ROUTE 64

REFERENCE BENCHMARK ELEV 822.97  
 BENCHMARK : TOP SPINDLE OF FIRE HYDRANT  
 LOCATION : IN THE S.E. CORNER OF IL 64 & OLD LAFOX RD

**LEGEND**

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD
- HMA BIKE PATH REMOVAL  
REPLACE W/TOPSOIL & SOD

USER NAME = shiraniib	DESIGNED - PLP 10/04/2016	REVISED - PLP 11/07/2016
	DRAWN - PLP 10/04/2016	REVISED - PLP 08/11/2017
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED - PLP 09/14/2017
PLOT DATE = 12/11/2018	DATE -	REVISED - PLP 01/10/2018

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

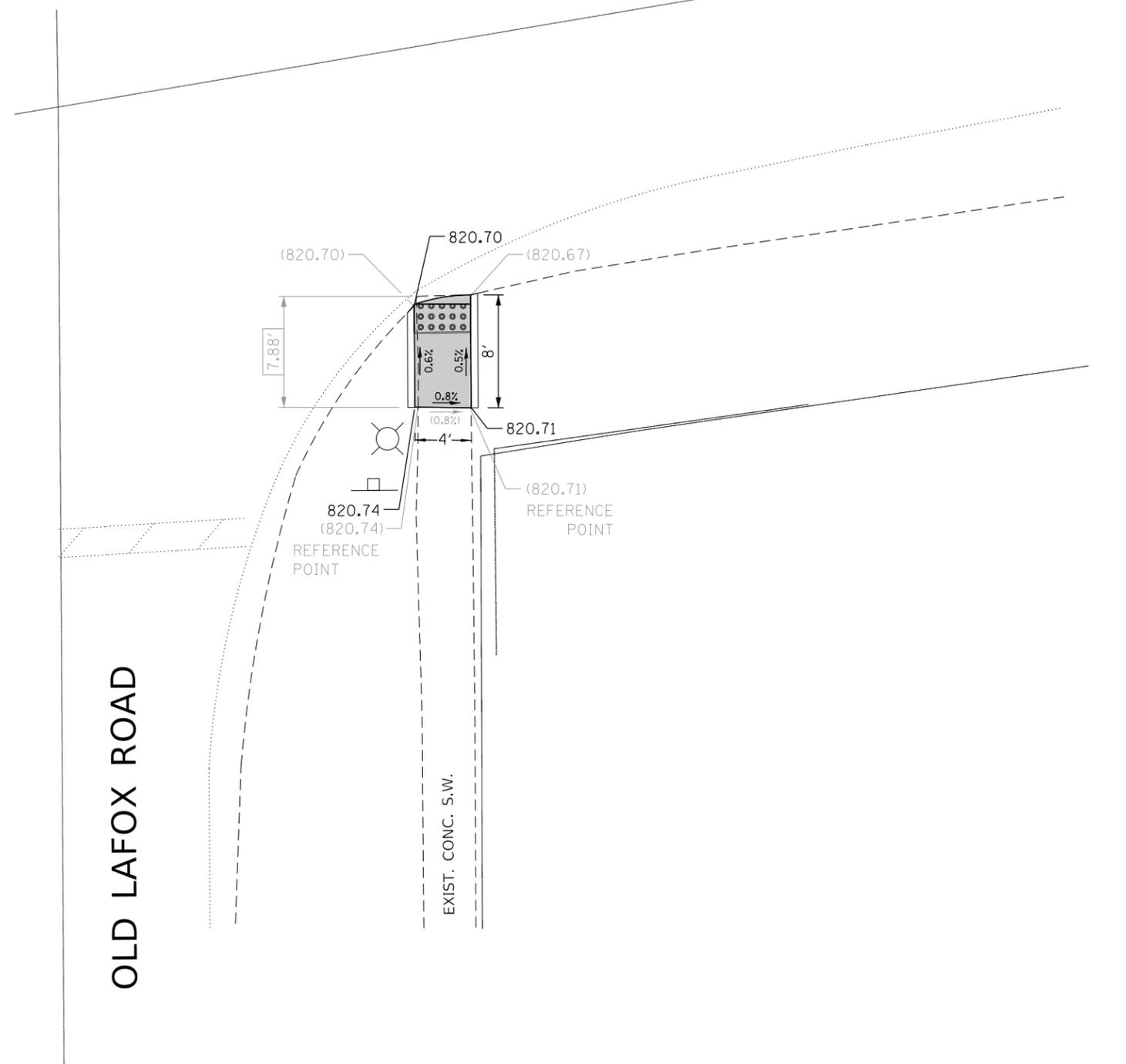
**SIDEWALK DETAIL PLAN**  
**IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	26
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 64

OLD LAFOX ROAD



REFERENCE BENCHMARK ELEV 822.97  
 BENCHMARK : TOP SPINDLE OF FIRE HYDRANT  
 LOCATION : IN THE S.E. CORNER OF IL 64 & OLD LAFOX RD

**LEGEND**

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL  
REPLACE W/TOPSOIL & SOD
- HMA BIKE PATH REMOVAL  
REPLACE W/TOPSOIL & SOD

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	DRAWN - PLP 10/04/2016	REVISED - PLP 08/11/2017
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED - PLP 09/14/2017
PLOT DATE = 12/11/2018	DATE -	REVISED - PLP 01/10/2018

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
 IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)**

SCALE: SHEET OF SHEETS STA. TO STA.

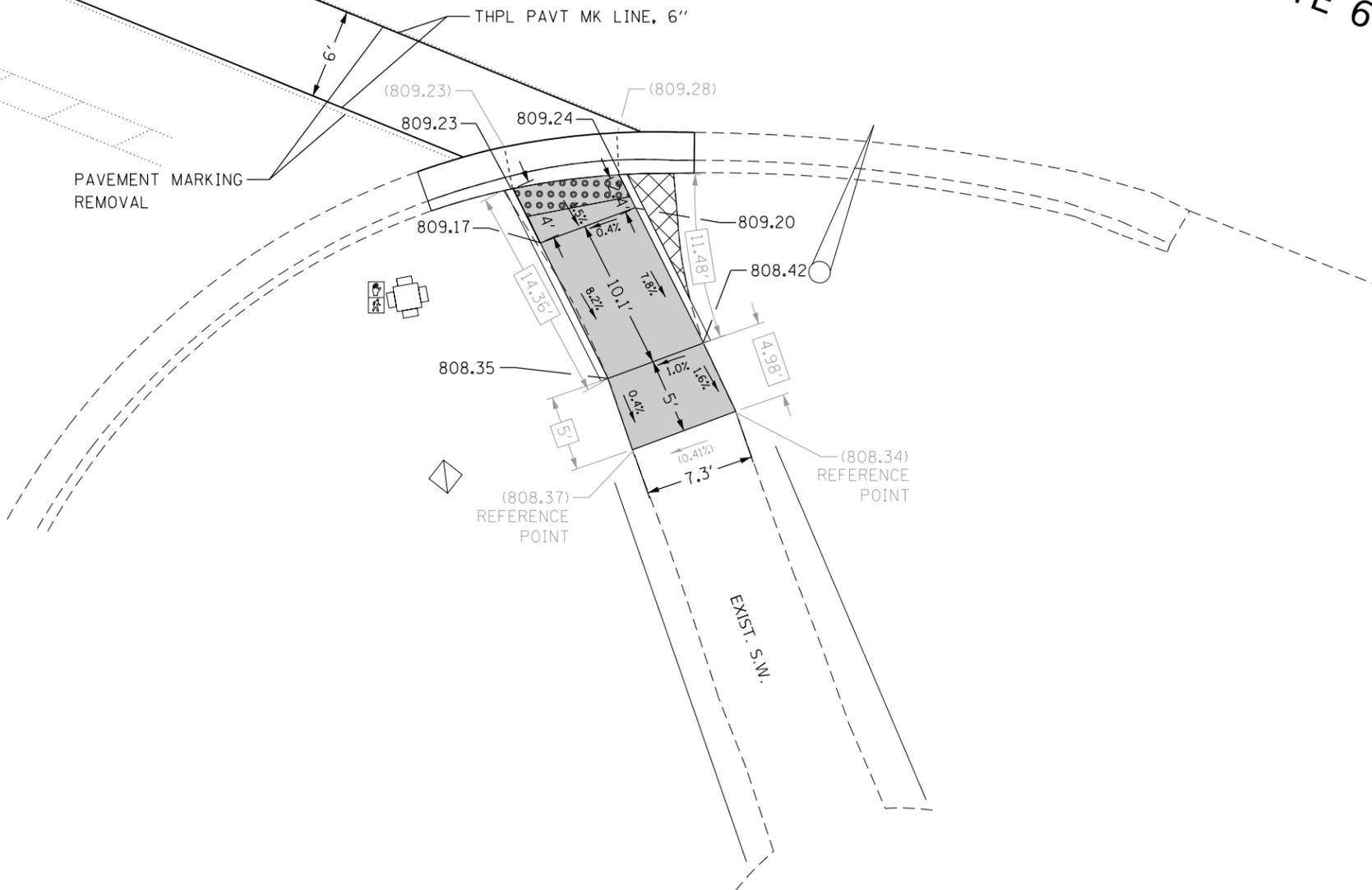
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	27
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				





LAFOX ROAD

IL. ROUTE 64



REFERENCE BENCHMARK ELEV 810.15  
 BENCHMARK : "X" IN THE N.E. CORNER CONC. BASE OF T.C.B  
 LOCATION : IN THE S.W. CORNER OF IL 64 & BURLINGTON RD.

**LEGEND**

- xx.xx' EXISTING LENGTH
- ===== PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Dotted Box] DETECTABLE WARNINGS
- [Cross-hatched Box] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- [Diagonal-hatched Box] HMA BIKE PATH REMOVAL REPLACE W/TOPSOIL & SOD

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USER NAME = shiraniib	DESIGNED - PLP 10/04/2016	REVISED - PLP 11/07/2016
	DRAWN - PLP 10/04/2016	REVISED - PLP 08/11/2017
PLOT SCALE = 10.0000 ' / in.	CHECKED -	REVISED - PLP 09/14/2017
PLOT DATE = 12/11/2018	DATE -	REVISED - PLP 01/10/2018

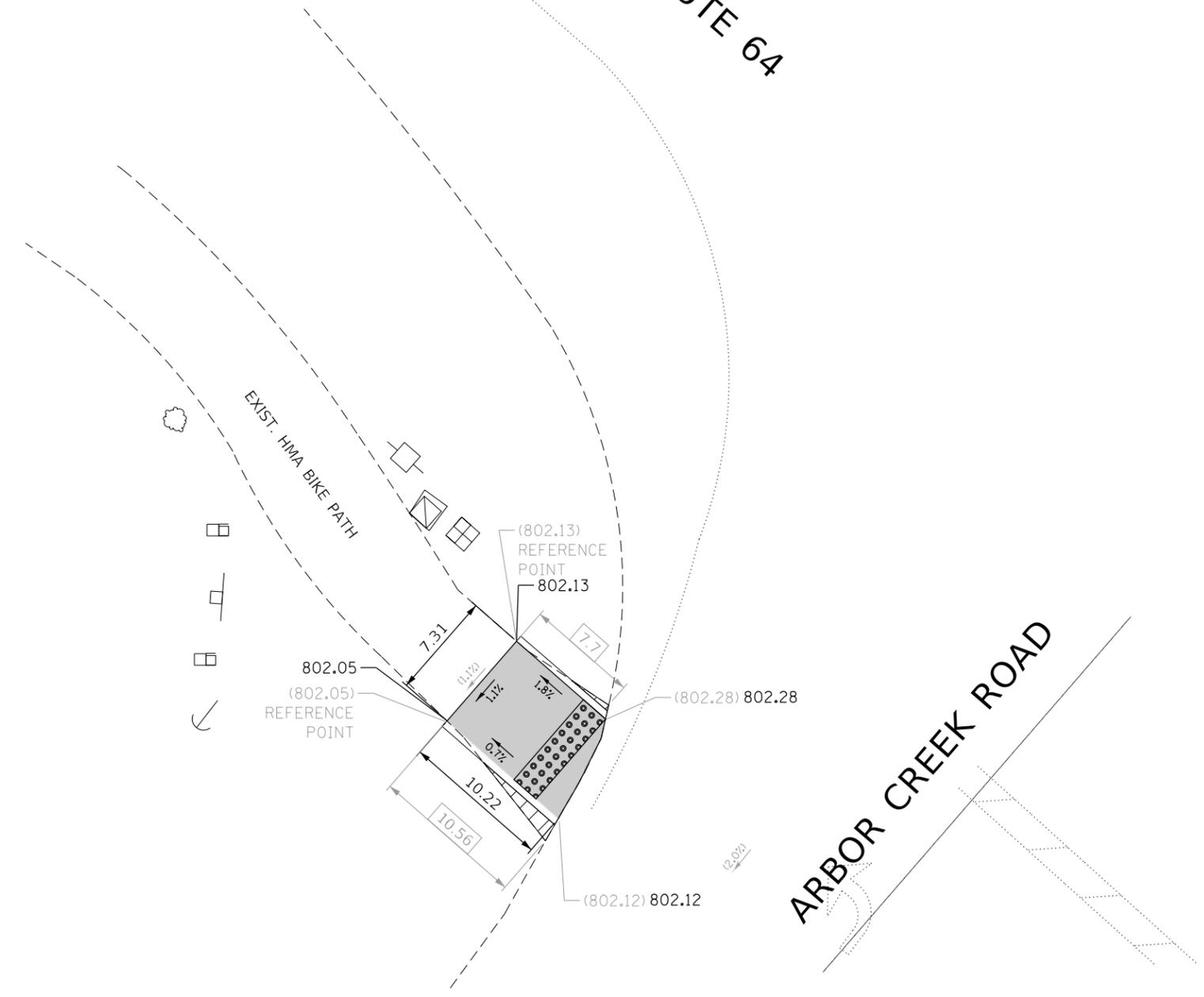
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN  
 IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	30
CONTRACT NO. 62H32				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 64



REFERENCE BENCHMARK ELEV 803.72  
 BENCHMARK : CHISELED SQUARE IN THE S. CONC. BASE OF LIGHT POLE  
 LOCATION : IN THE N.W. CORNER OF IL 64 & DEAN (ARBOR CREEK RD.)

**LEGEND**

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

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USER NAME = shiraniib	DESIGNED - PLP 10/04/2016	REVISED - PLP 11/07/2016
	DRAWN - PLP 10/04/2016	REVISED - PLP 08/11/2017
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED - PLP 09/14/2017
PLOT DATE = 12/11/2018	DATE -	REVISED - PLP 01/10/2018

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

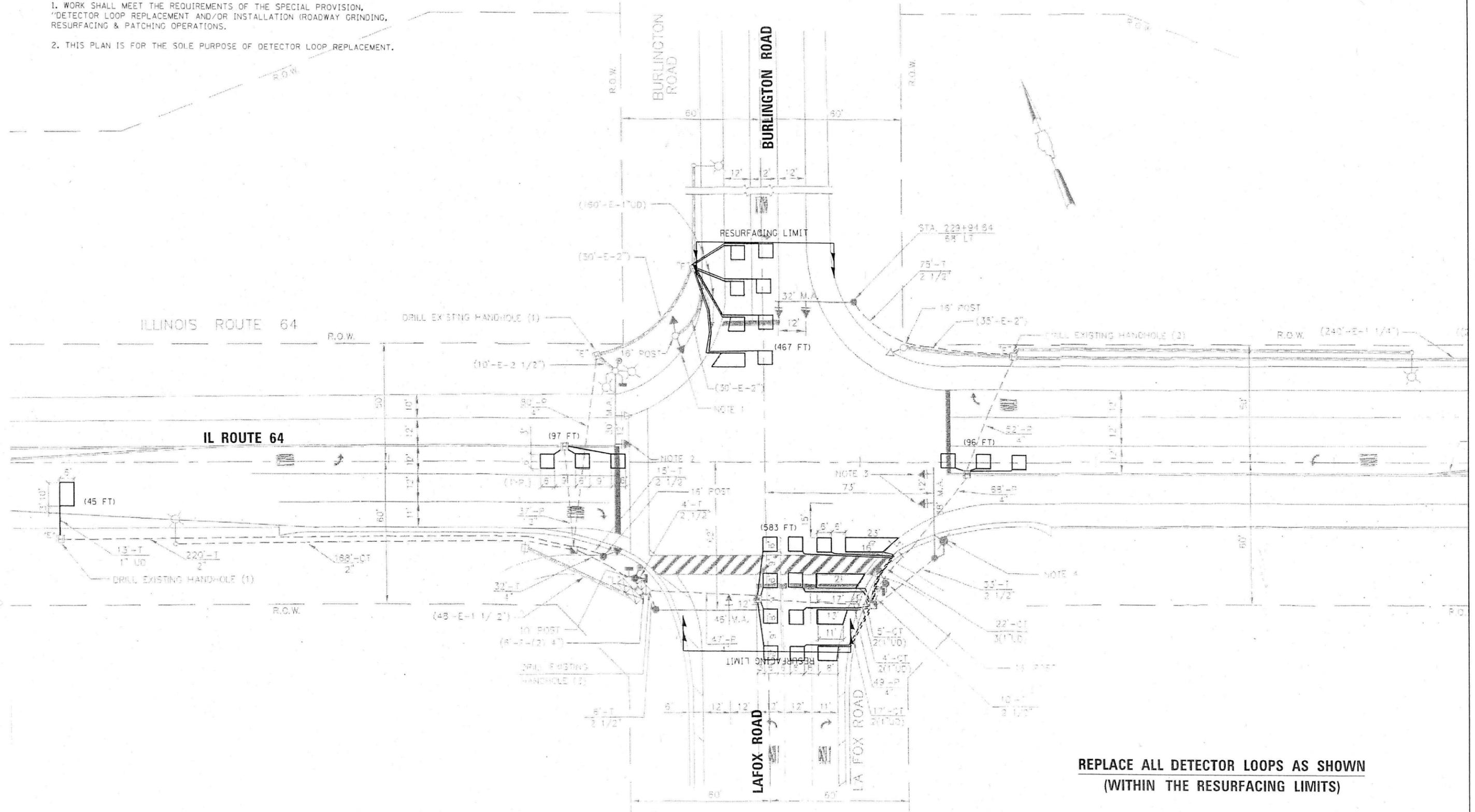
**SIDEWALK DETAIL PLAN**  
**IL ROUTE 64 (EAST OF IL ROUTE 47 TO RANDALL ROAD)**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-R5	KANE	47	31
CONTRACT NO. 62H32				
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	1288	FOOT

FILE NAME = 62432 -IL 64 @ Burlington Rd.dgn	USER NAME = vargasa	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
		CHECKED - LP	REVISED -
		DATE - 08/17/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN  
IL ROUTE 64 AT BURLINGTON ROAD

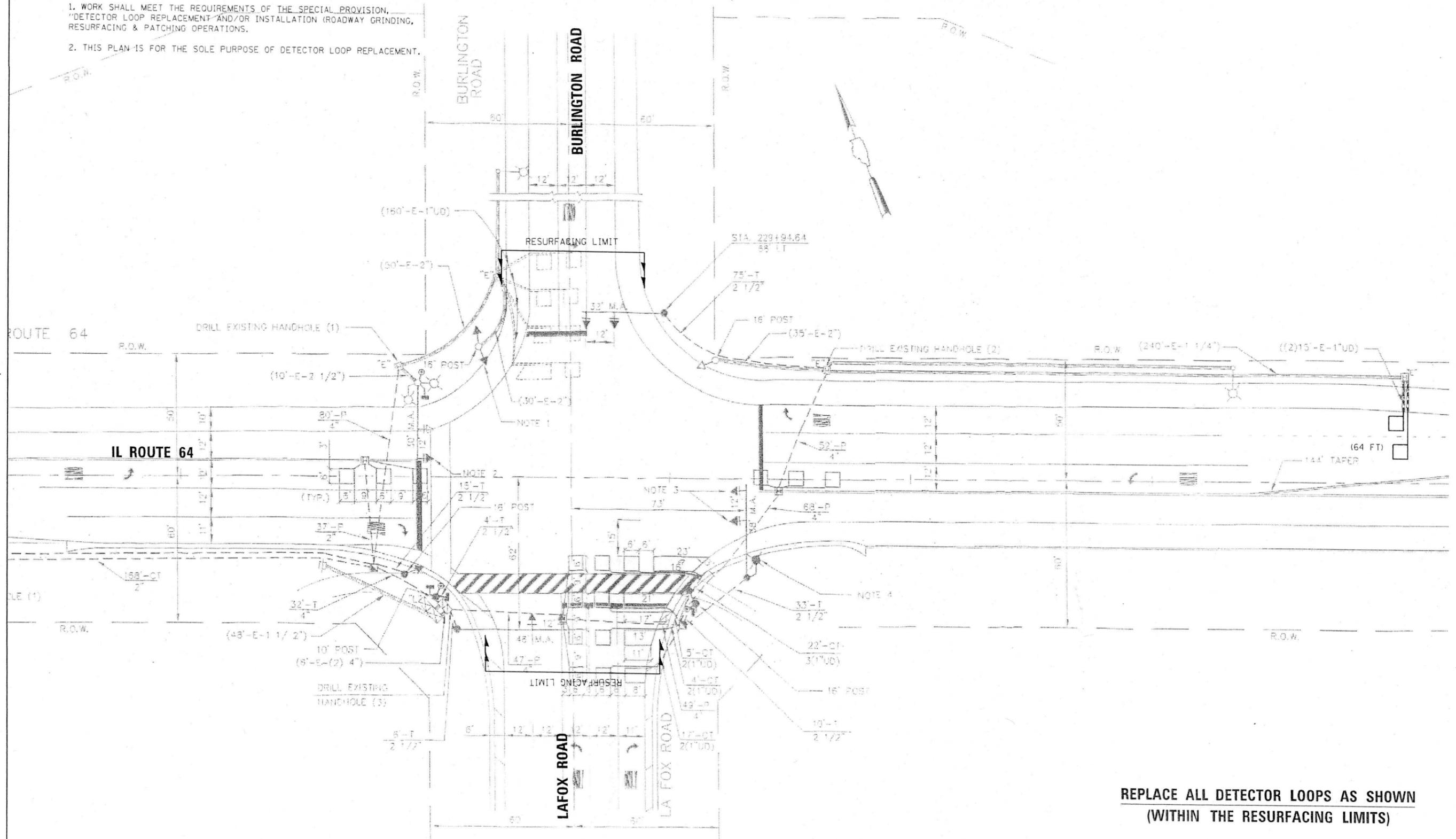
F.A.P. RTE. 307	SECTION 2018-084-R5	COUNTY KANE	TOTAL SHEETS 47	SHEET NO. 32
			CONTRACT NO. 62H32	

SCALE: SHEET OF SHEETS STA. TO STA.

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	64	FOOT

FILE NAME = 62H32 -IL 64 @ Burlington Rd 2.dgn	USER NAME = vangasa	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
	PLOT SCALE = 40.0294' / 1" =	CHECKED - LP	REVISED -
	PLOT DATE = 9/17/2018	DATE - 08/17/2018	REVISED -

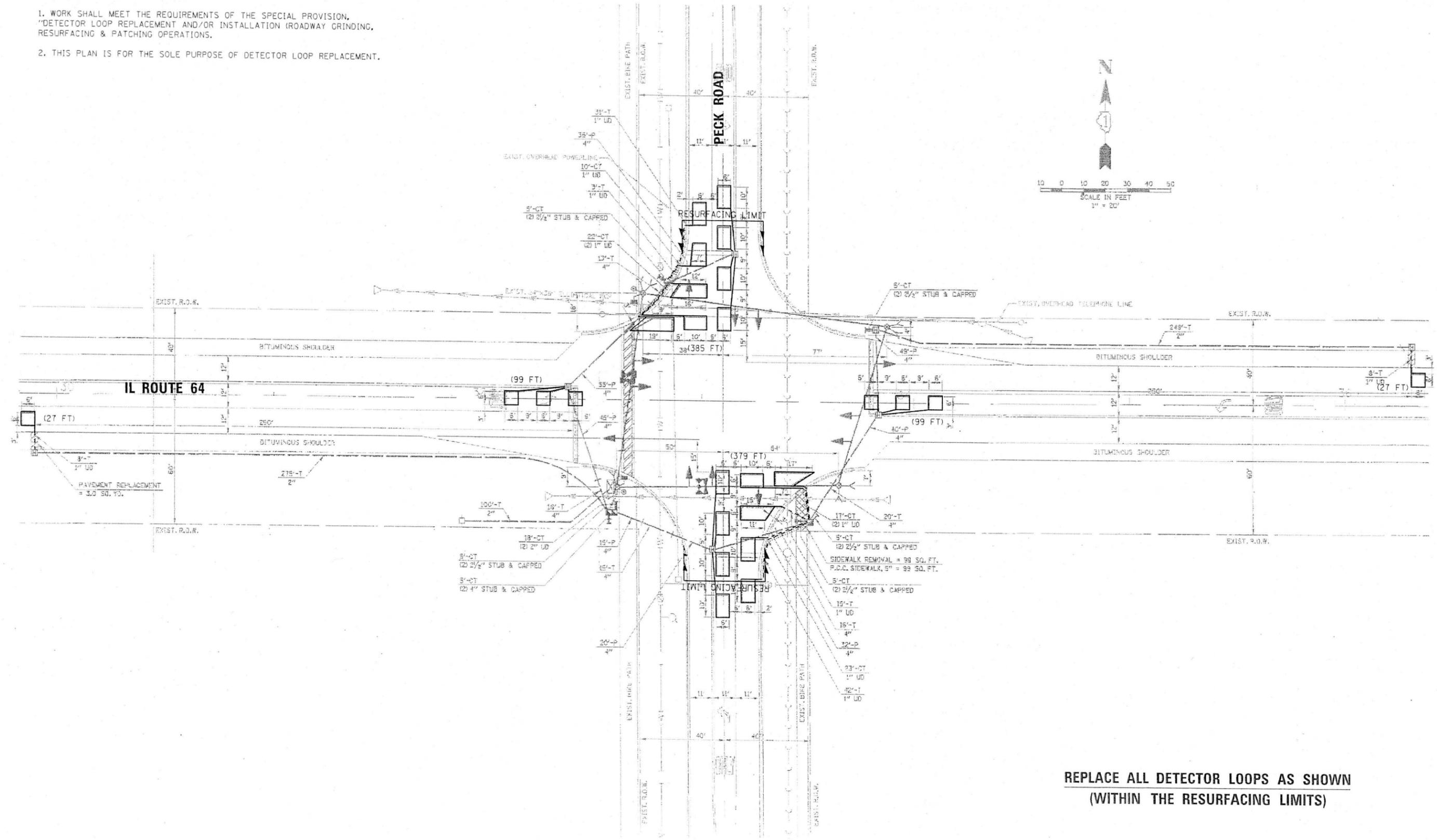
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
IL ROUTE 64 AT BURLINGTON ROAD**

F.A.P. RTE. 307	SECTION 2018-084-RS	COUNTY KANE	TOTAL SHEET SHEETS NO. 47/33
SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 62H32
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	1016	FOOT

FILE NAME : S2H32 -IL 64 @ Peck Rd.dgn	USER NAME : vargata	DESIGNED - AV	REVISED -
Default	PLOT SCALE = 40.0022 1/ in.	DRAWN - AV	REVISED -
	PLOT DATE = 3/17/2018	CHECKED - LP	REVISED -
		DATE - 08/17/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
IL ROUTE 64 AT PECK ROAD**

F.A.P. RTE. 307	SECTION 2018-084-RS	COUNTY KANE	TOTAL SHEETS 47	SHEET NO. 34
SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 62H32	
(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	1218	FOOT

FILE NAME = 62432 - IL 64 @ Oak St.dgn	USER NAME = vargasa	DESIGNED - AV	REVISED -
		DRAWN - AV	REVISED -
	PLOT SCALE = 40.0000 1" = 40'	CHECKED - LP	REVISED -
	PLOT DATE = 8/17/2018	DATE - 08/17/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

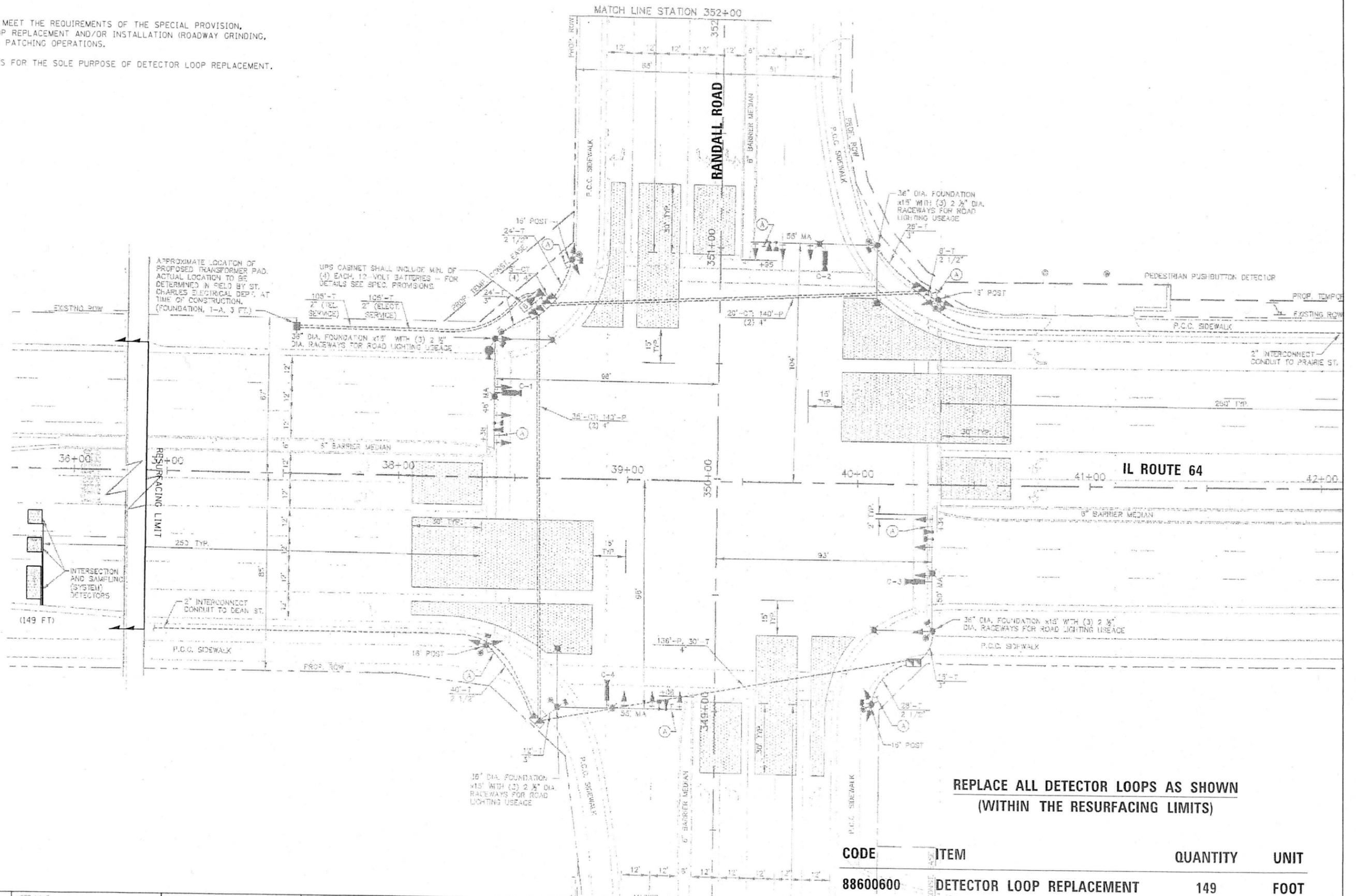
**DETECTOR LOOP REPLACEMENT PLAN  
IL ROUTE 64 AT OAK STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 307	SECTION 2018-084-RS	COUNTY KANE	TOTAL SHEETS 47	SHEET NO. 35
			CONTRACT NO. 62H32	
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.



CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	149	FOOT

FILE NAME : 82432 - IL 64 @ Randall Rd.dgn	USER NAME : vjgass	DESIGNED - AV	REVISED -
Default	PLOT SCALE : 40.0013 1/2 in.	DRAWN - AV	REVISED -
	PLOT DATE : 8/20/2018	CHECKED - LP	REVISED -
		DATE - 08/20/2018	REVISED -

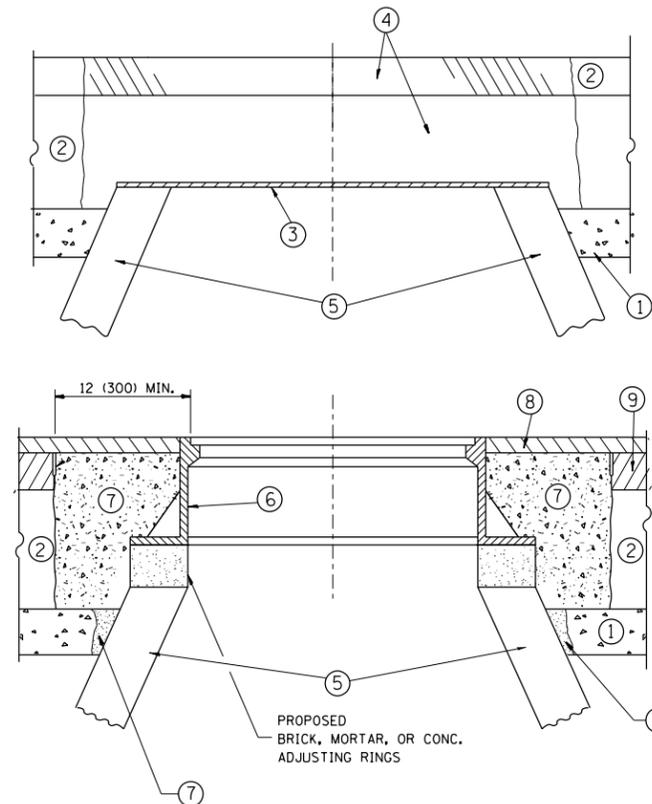
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN  
IL ROUTE 64 AT RANDALL ROAD

F.A.P. RTE. 307	SECTION 2018-084-RS	COUNTY KANE	TOTAL SHEET NO. 47	SHEET NO. 36
CONTRACT NO. 62H32				

SCALE: SHEET OF 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 1/2 (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

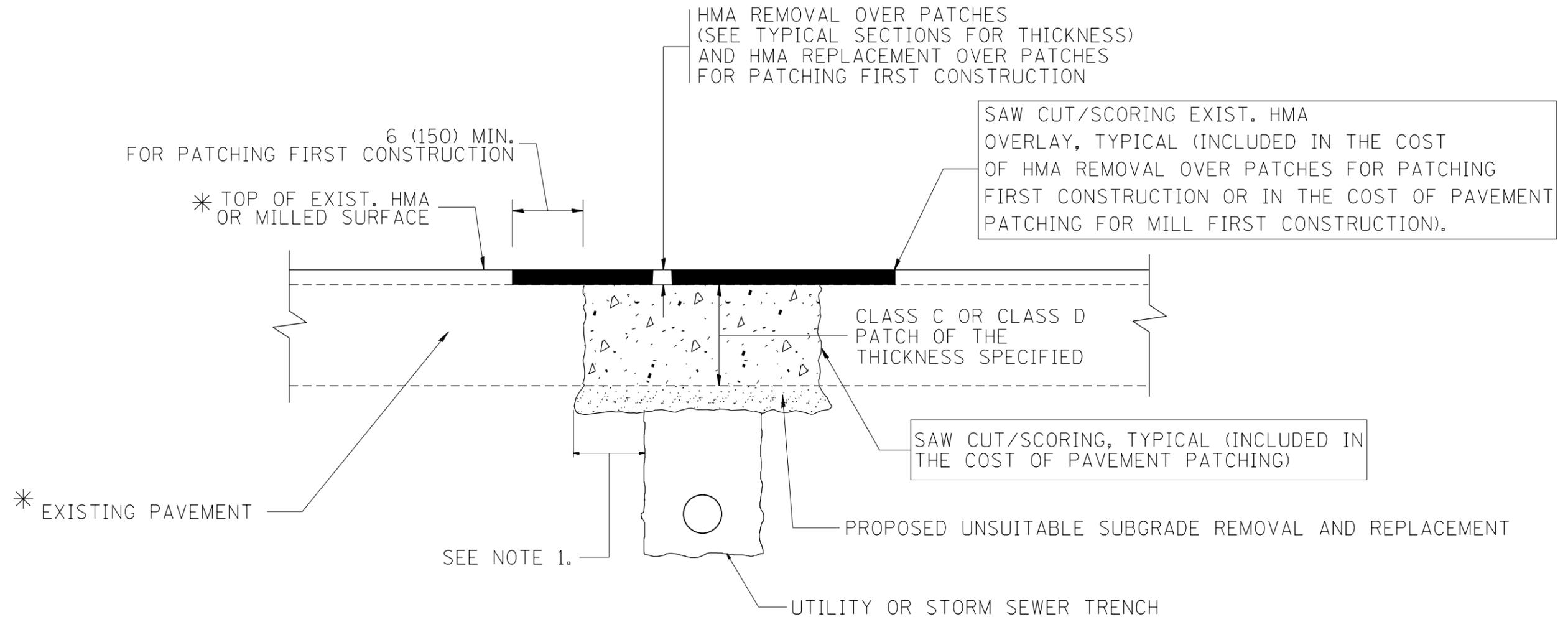
FILE NAME =	USER NAME = shiranisb	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
pw\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI026\Drawings\Design\DistStd.dgn		CHECKED -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / in.	DATE - 10-25-94	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/11/2018		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.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-RS	KANE	47	37
<b>BD600-03 (BD-8)</b>		<b>CONTRACT NO. 62H32</b>		
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 = shiranisb	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT</b>			FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI026\Drawings\Design\DistStd.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07					307	2018-084-RS	KANE	47	38
	PLOT DATE = 12/11/2018	DATE - 10-25-94	REVISED - R. BORO 09-04-07		<b>BD400-04 (BD-22)</b>			<b>CONTRACT NO. 62H32</b>				
			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	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.

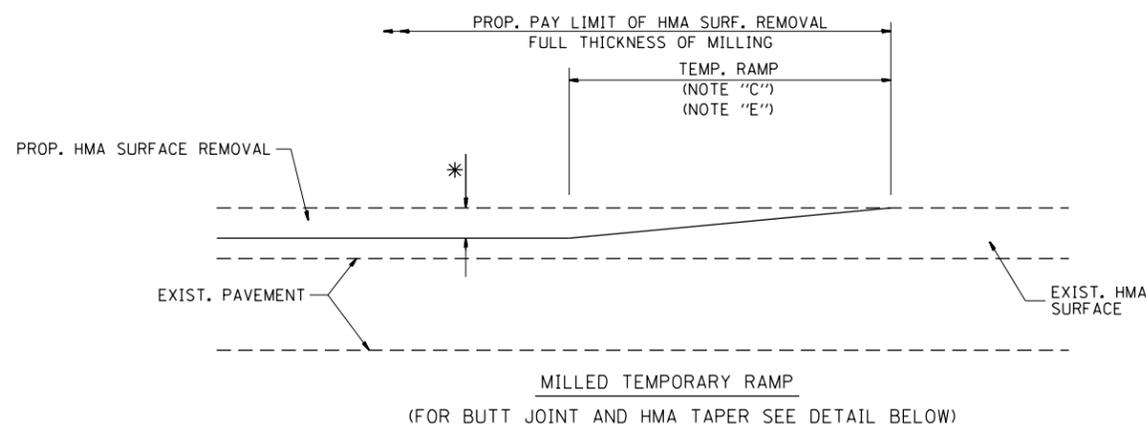
PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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".

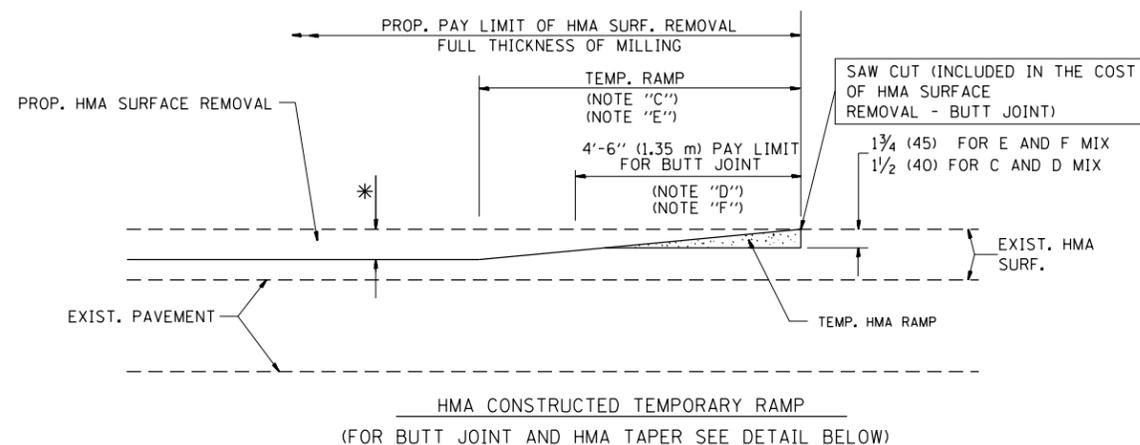
# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = shiranisb	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT</b>	FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI026\Drawings\Design\DistStd.dgn		REVISED - A. ABBAS 03-21-97	REVISED - M. GOMEZ 01-22-01			307	2018-084-RS	KANE	47	39
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 12-15-09				<b>BD600-06 (BD-24)</b>		<b>CONTRACT NO. 62H32</b>		
PLOT DATE = 12/11/2018	DATE - 03-11-94					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT

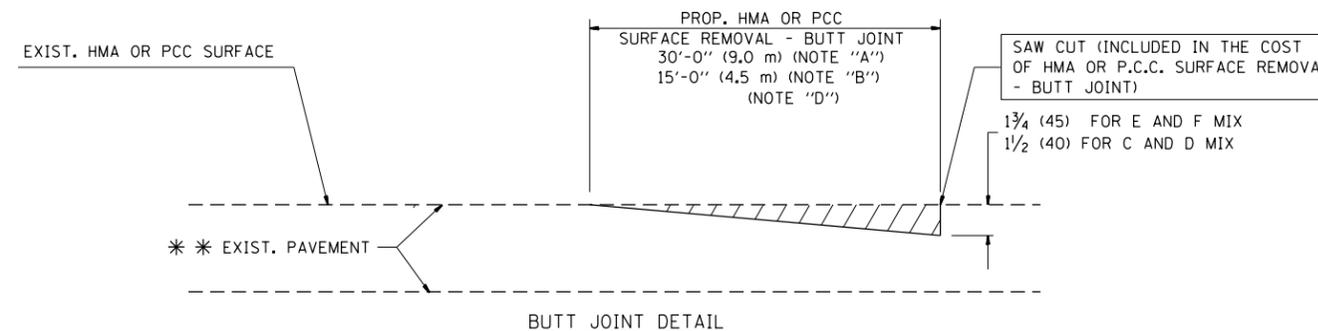


**OPTION 1**

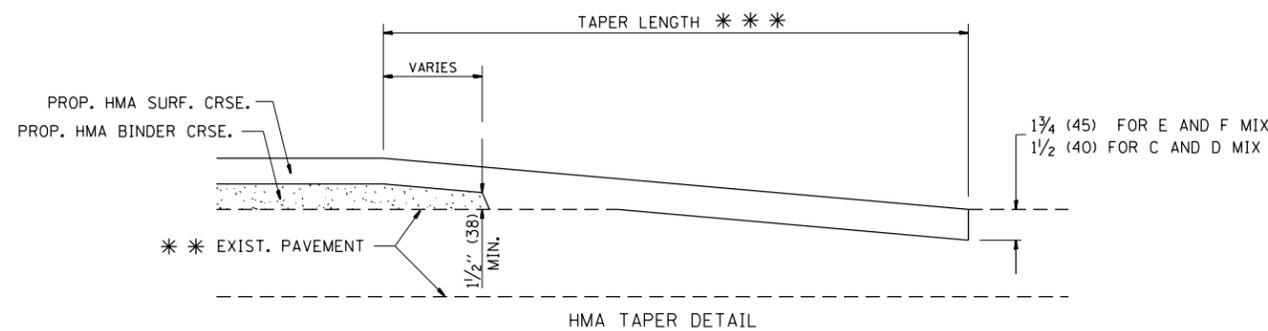


**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

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

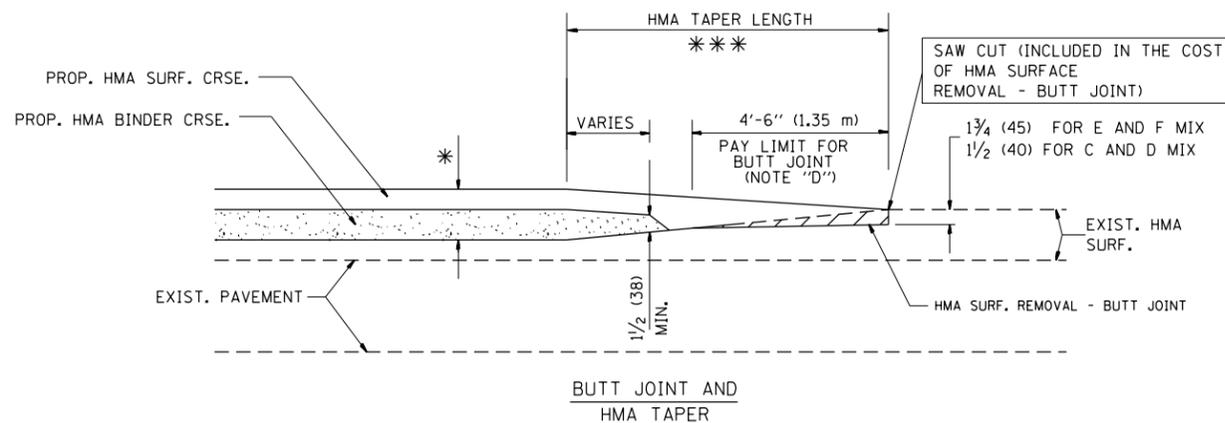
**NOTES**

- 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.



**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

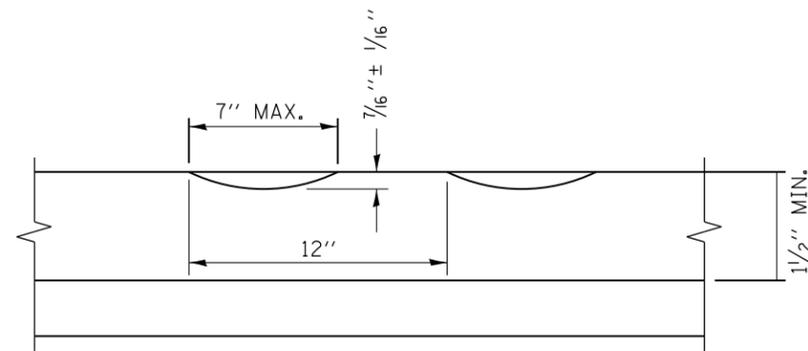
FILE NAME =	USER NAME = shiranisb	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\11084EBIDINTEG\11084EBIDINTEG\Design\DistStd.dgn			REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 12/11/2018	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

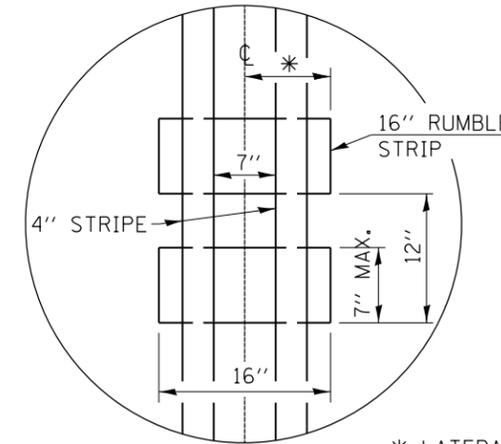
**BUTT JOINT AND  
HMA TAPER DETAILS**

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

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-RS	KANE	47	40
BD400-05 BD32			CONTRACT NO. 62H32	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



SECTION A-A



DETAIL B

GENERAL NOTES

CENTERLINE RUMBLE STRIPS SHALL BE CONSTRUCTED ACCORDING TO SECTION 642 ALONG THE CENTERLINE OF PAVEMENT.

SEE STANDARD 780001 FOR OTHER STRIPING LAYOUTS. RUMBLE STRIPS SHALL NOT BE PLACED ON BRIDGES.

ALL RUMBLE STRIPS SHALL BE MILLED.

CENTERLINE RUMBLE STRIPS SHALL BE CONTINUOUS THROUGH CONNECTIONS OF SIDEROADS WITH NO LEFT TURN LANES.

DISCONTINUE CENTERLINE RUMBLE STRIPS THROUGH THE LIMITS OF ALL LEFT TURN LANES, INCLUDING ANY LANE TAPER SECTIONS.

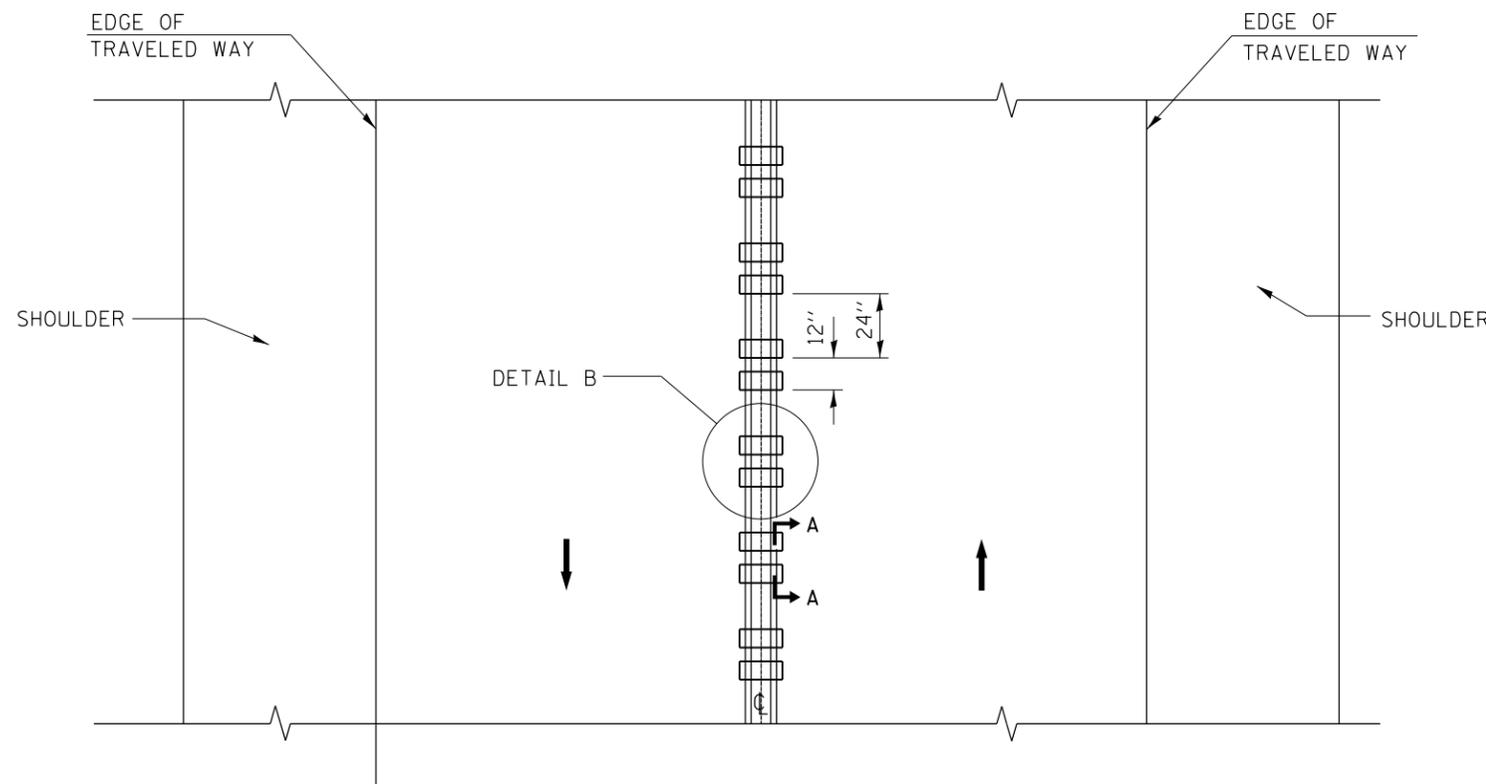
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

WHERE USED, ADJUST SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS TO FALL IN WIDER GAP BETWEEN RUMBLE STRIPS.

BASIS OF PAYMENT

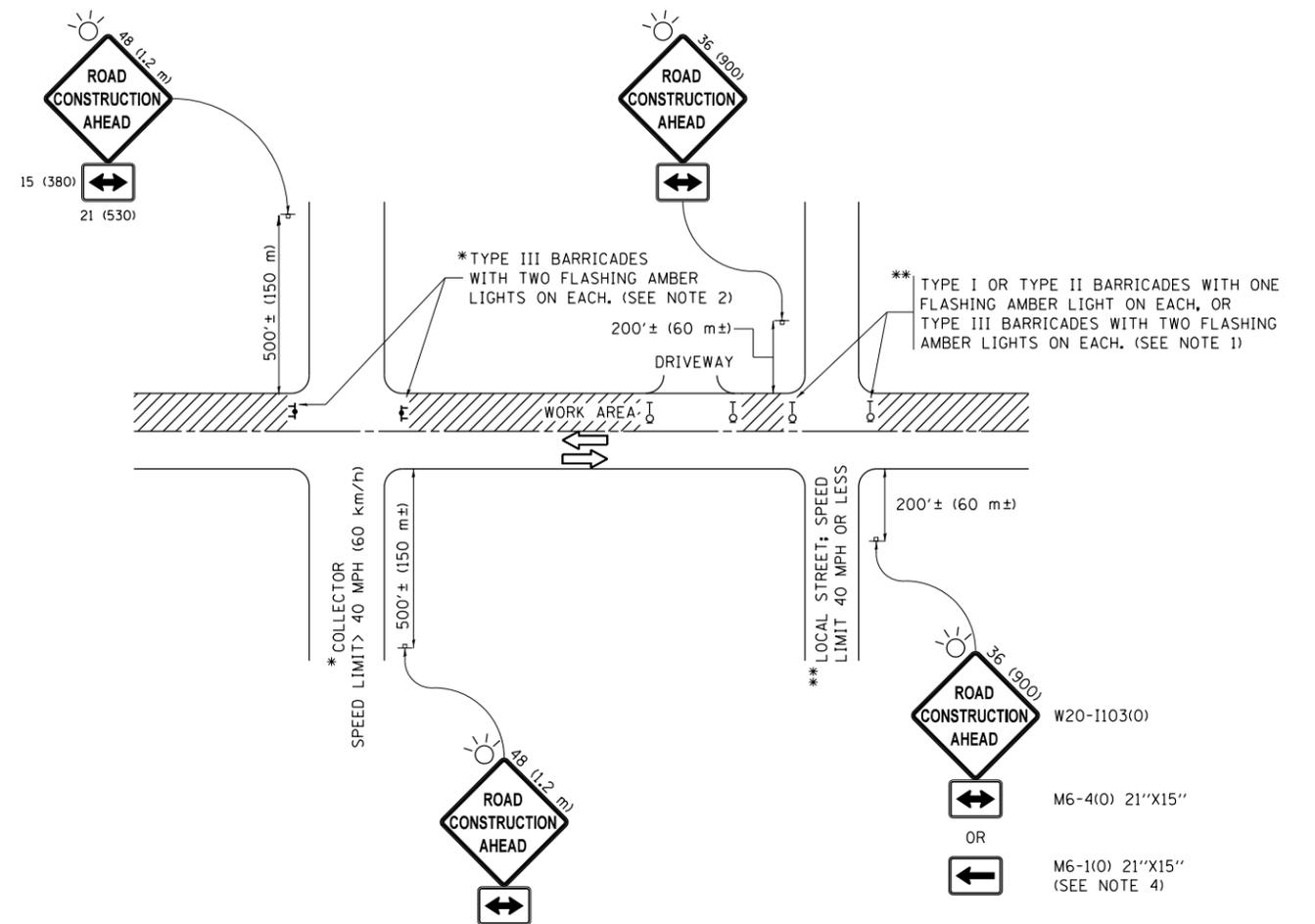
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR CENTERLINE-RUMBLE STRIP OF THE WIDTH SPECIFIED.

HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING WILL BE USED OVER THE RUMBLE STRIPS, AND WILL BE PAID FOR SEPARATELY.



TWO-WAY ROAD

FILE NAME =	USER NAME = shiranisb	DESIGNED - R. BORO	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RUMBLE STRIPES FOR CENTERLINE, NON-FREEWAY</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI026\Drawings\Design\DistStd.dgn		CHECKED -	REVISED -					307	2018-084-RS	KANE	47	41
PLOT SCALE = 100.0000' / in.		DATE - 08-06-2012	REVISED -		<b>BD 55</b>			<b>CONTRACT NO. 62H32</b>				
PLOT DATE = 12/11/2018					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<small>FED. ROAD DIST. NO. 1   ILLINOIS   FED. AID PROJECT</small>			



**NOTES:**

- 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:
  - 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.
  - 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.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - 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.
  - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

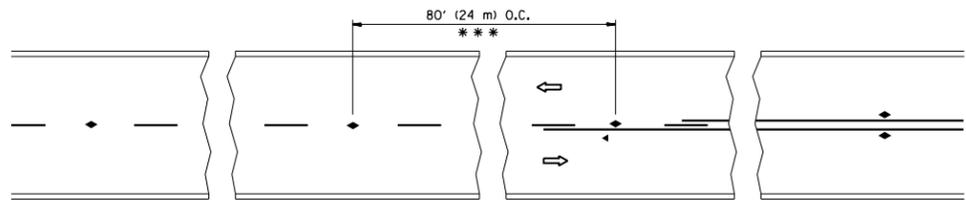
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	PLOT DATE = 12/11/2018	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

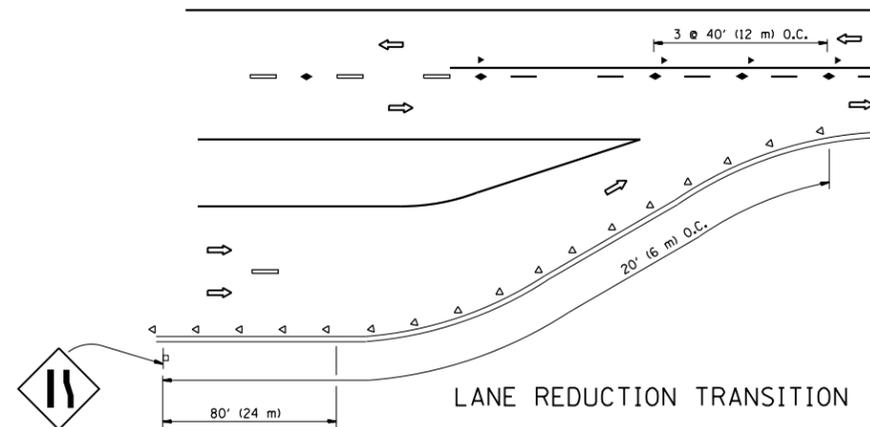
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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TC-10</b>			<b>CONTRACT NO. 62H32</b>	
ILLINOIS FED. AID PROJECT				

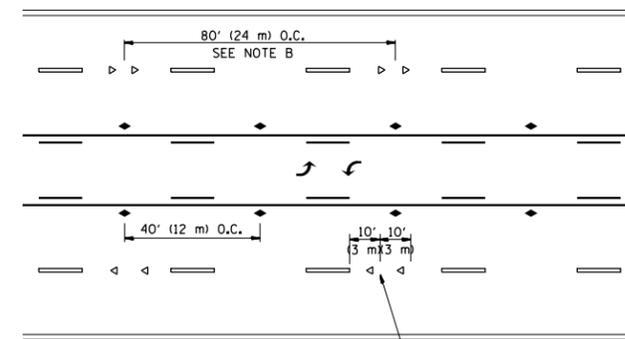


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

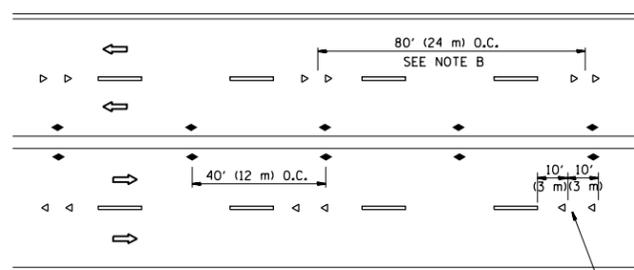
TWO-LANE/TWO-WAY



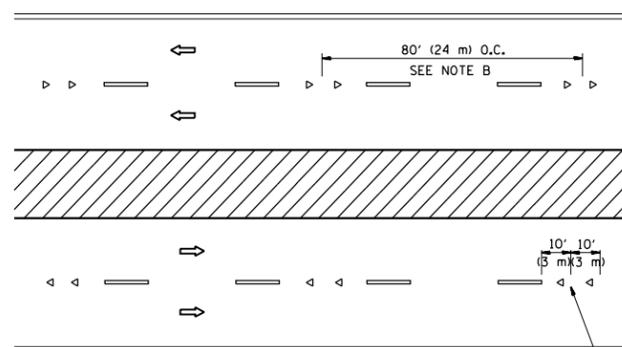
LANE REDUCTION TRANSITION



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

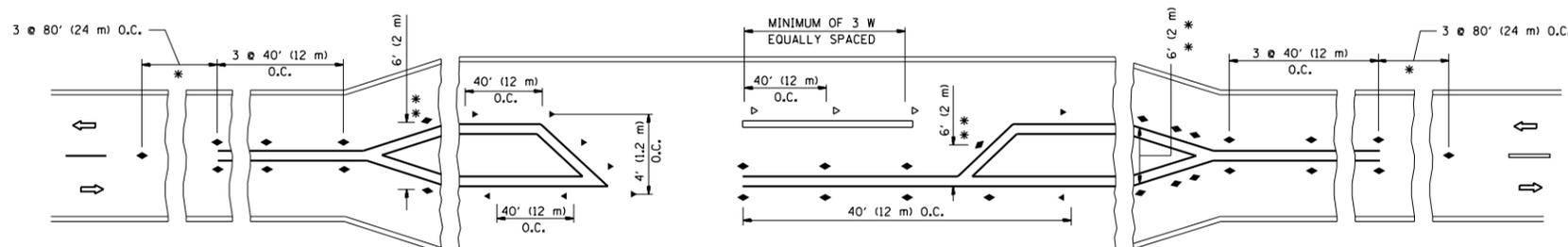
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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.

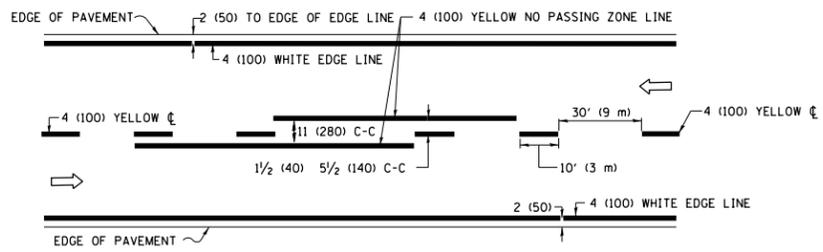
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		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

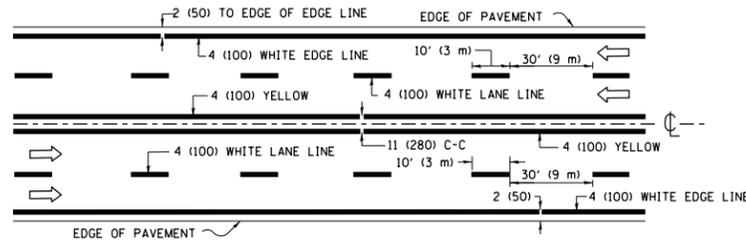
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
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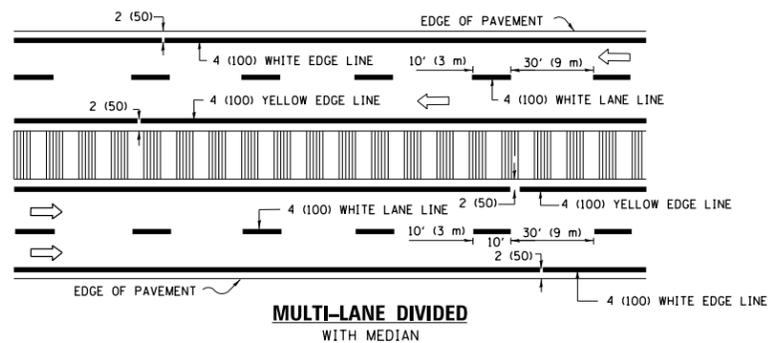
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-RS	KANE	47	43
TC-11			CONTRACT NO. 62H32	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**2-LANE ROADWAY**

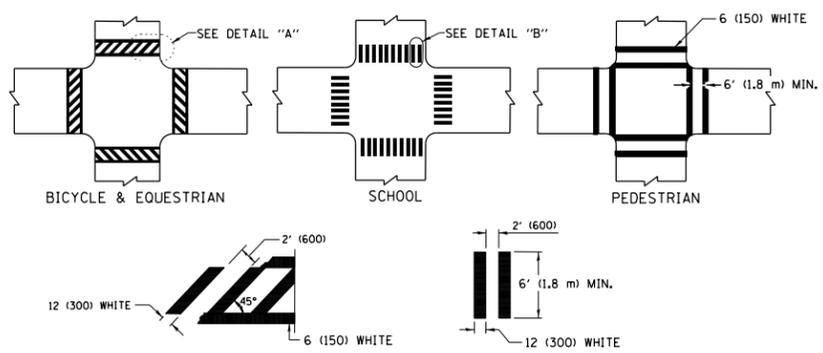


**MULTI-LANE UNDIVIDED**



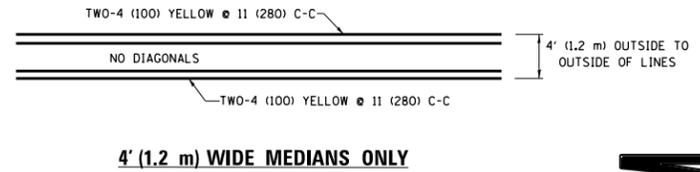
**MULTI-LANE DIVIDED WITH MEDIAN**

**TYPICAL LANE AND EDGE LINE MARKING**

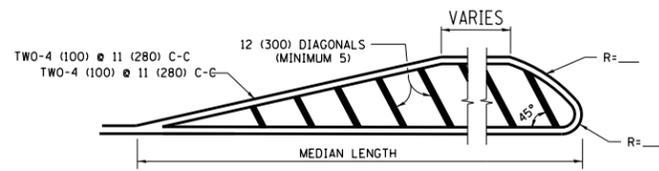


**DETAIL "A" TYPICAL CROSSWALK MARKING**

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

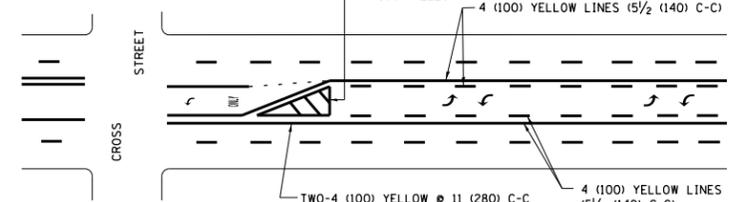


**4' (1.2 m) WIDE MEDIANS ONLY**

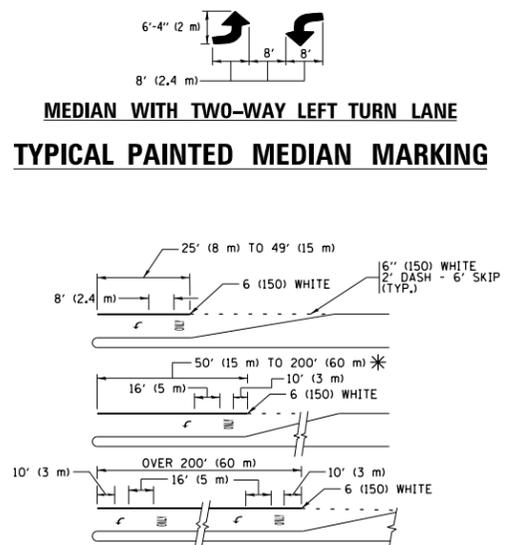


**MEDIANS OVER 4' (1.2 m) WIDE**

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))

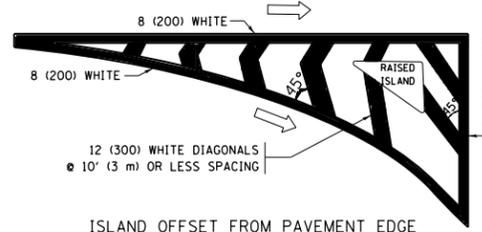


**MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING**

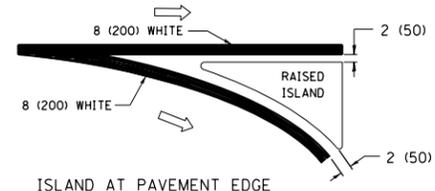


**TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING**

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 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".

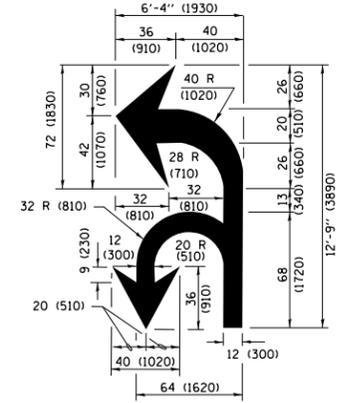


**ISLAND OFFSET FROM PAVEMENT EDGE**

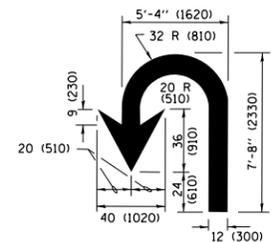


**ISLAND AT PAVEMENT EDGE**

**TYPICAL ISLAND MARKING**



**COMBINATION LEFT AND U-TURN**



**U-TURN**

**LANE REDUCTION TRANSITION**

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 15' 6" (4.7 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.

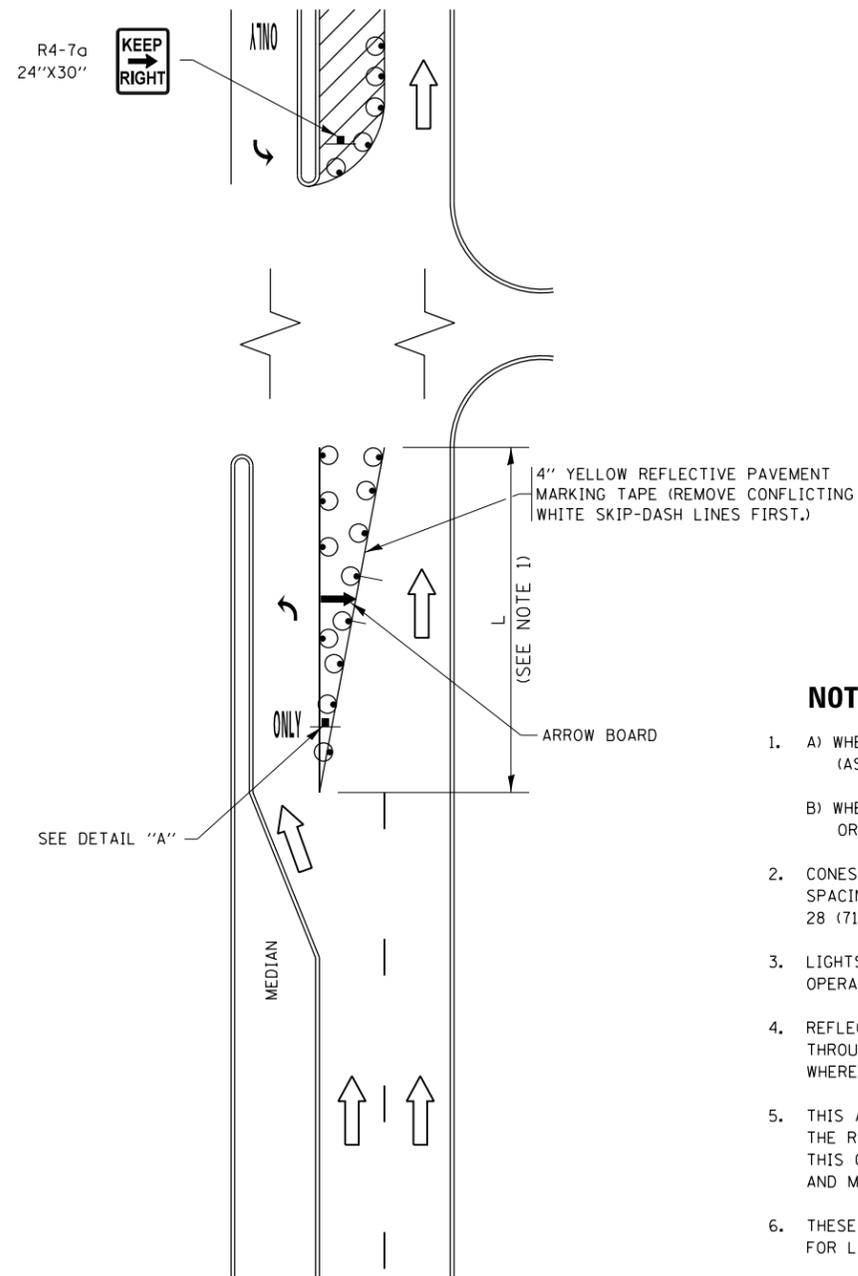
All dimensions are in inches (millimeters) unless otherwise shown.

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	PLOT DATE = 12/11/2018		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

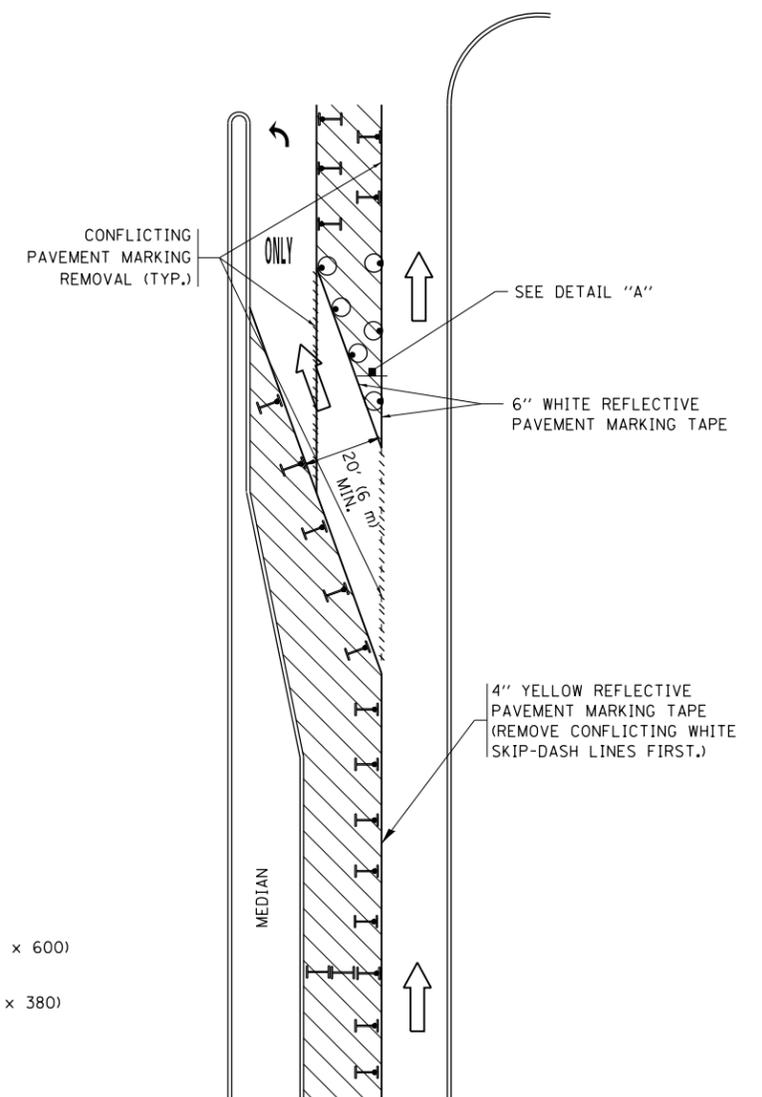
SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.	DISTRICT ONE TYPICAL PAVEMENT MARKINGS		FAP R.T.E. 307	SECTION 2018-084-R5	COUNTY KANE	TOTAL SHEETS 47	SHEET NO. 44
										TC-13 CONTRACT NO. 62H32	
ILLINOIS FED. AID PROJECT											

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

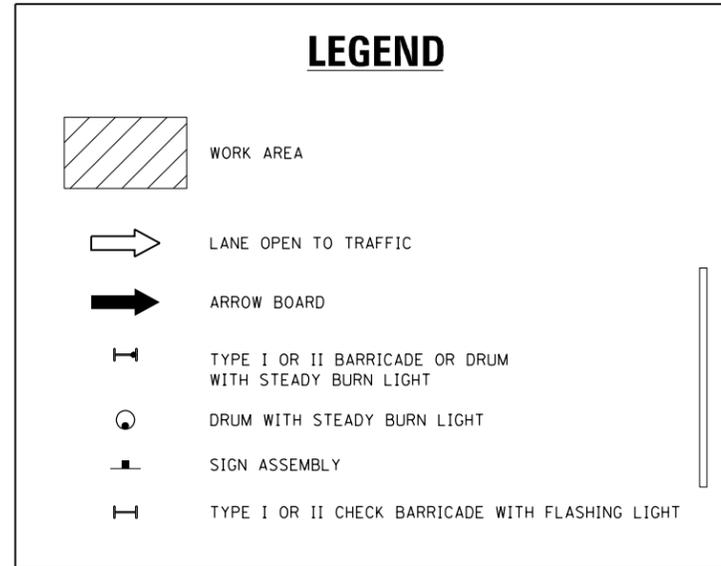


**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE

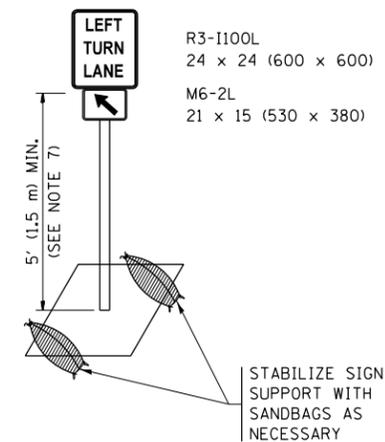


**FIGURE 2**



### NOTES:

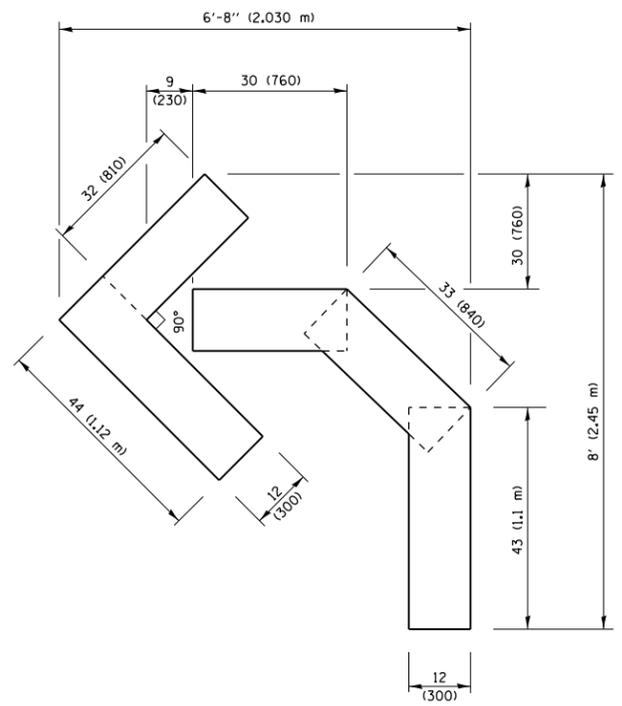
1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 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 PRE 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.



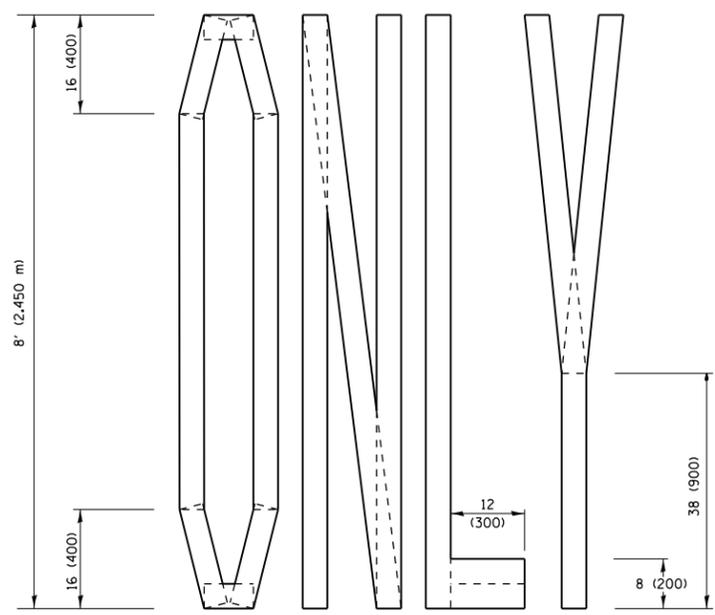
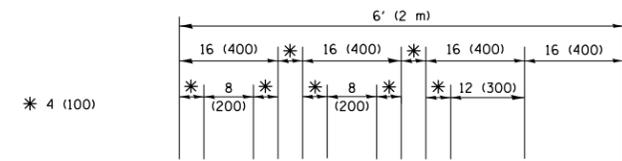
**DETAIL A**

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

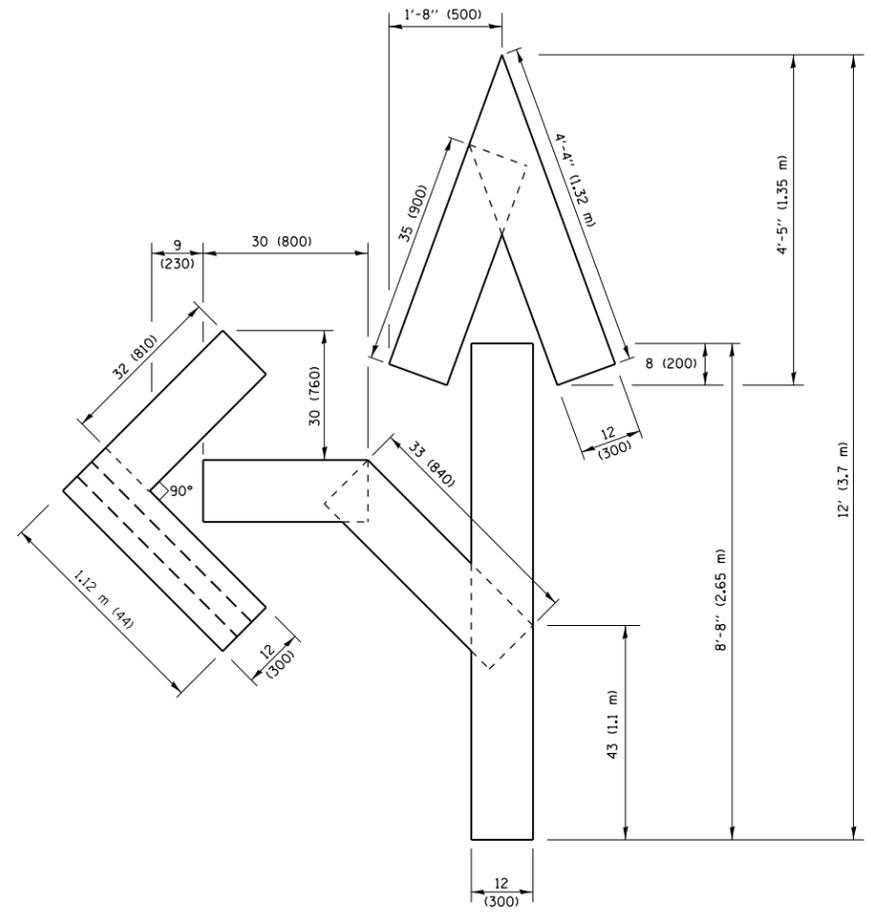
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Default	Default	REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13			307	2018-084-RS	KANE	47	45	
		REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			<b>TC-14</b>		<b>CONTRACT NO. 62H32</b>			
		REVISED - T. RAMMACHER 01-06-00	REVISED -			ILLINOIS FED. AID PROJECT					
	PLOT SCALE = 100.0000' / 1in.			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA.	TO STA.				



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

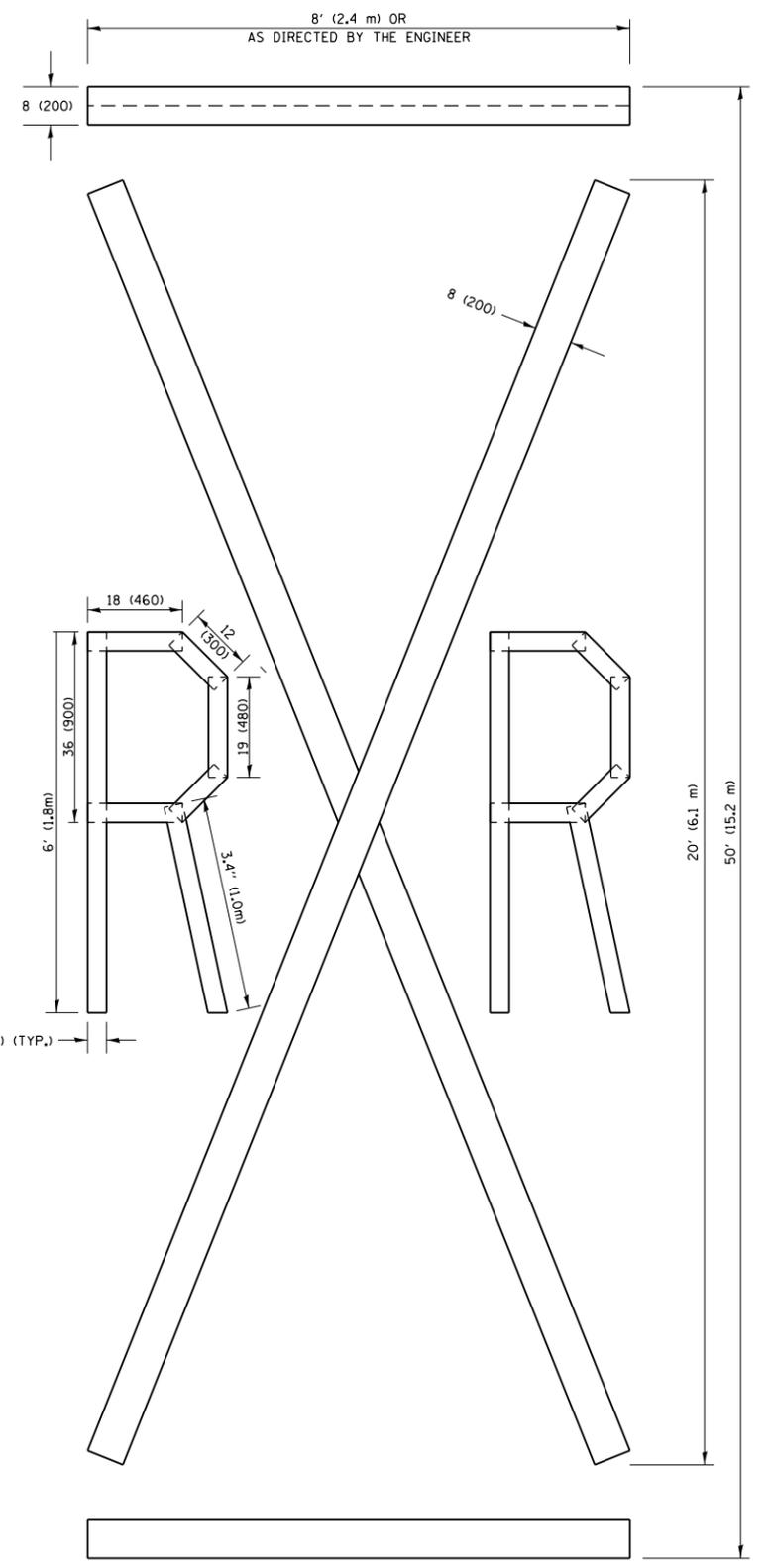


**QUANTITY**  
 4 (100) LINE = 64.1 ft. (19.5 m)  
 21.4 sq. ft. (1.99 sq. m)



**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)

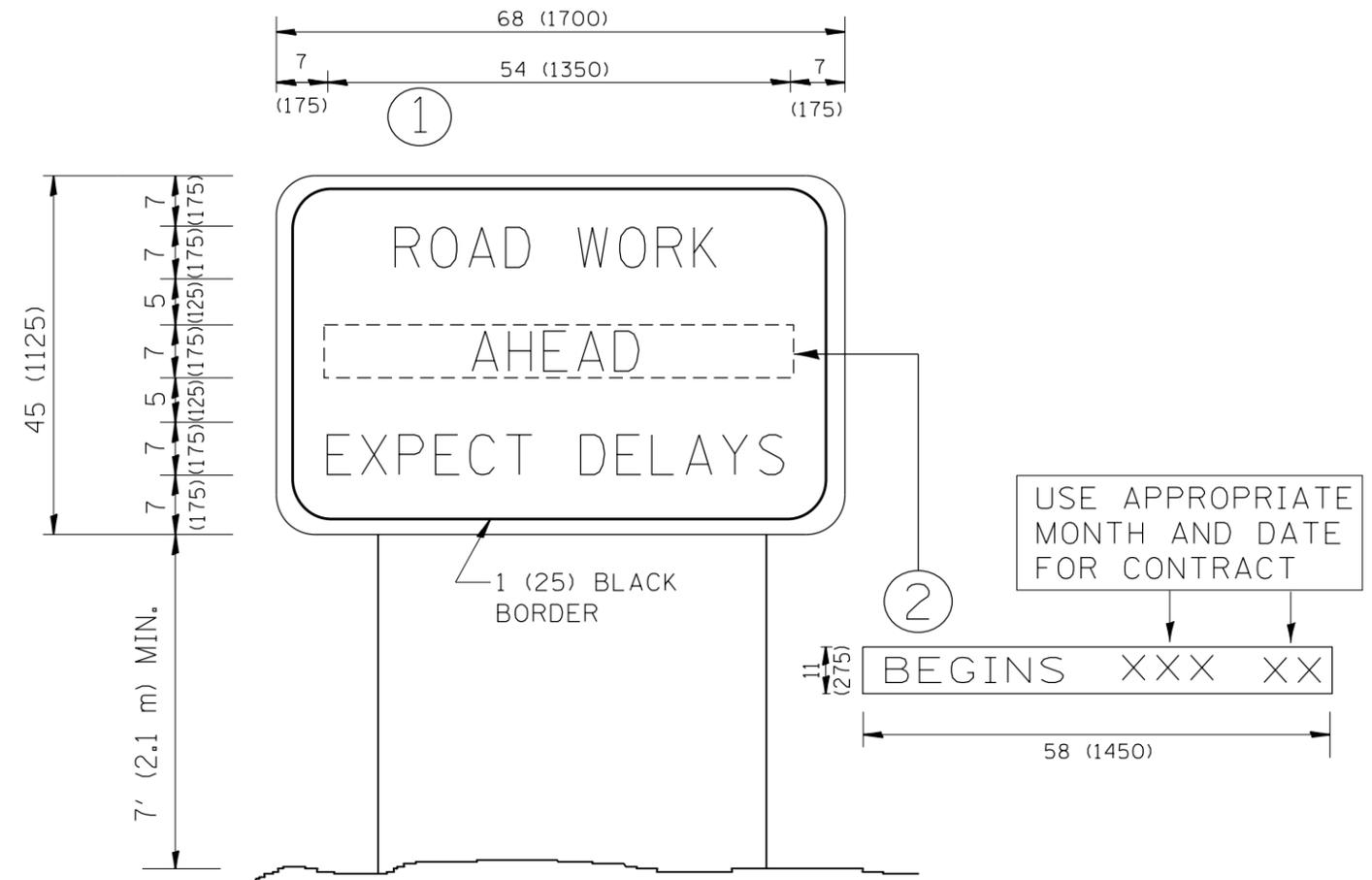
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		DATE -	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS</b>			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	2018-084-RS	KANE	47	46
<b>TC-16</b>			<b>CONTRACT NO. 62H32</b>	
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 = shiranisb	DESIGNED -	REVISED - R. MIRS 09-15-97	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ARTERIAL ROAD INFORMATION SIGN</b>	FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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