

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-124-RS	WILL	73	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	62M02	

* 876 & 332

D-91-524-20

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED WITHIN:
VILLAGES OF CRETE AND BEECHER

PROPOSED HIGHWAY PLANS

FAP ROUTE 876: ILL 1 (MAIN ST.)
BURVILLE RD. TO N OF ILL 394
FAP ROUTE 332: ILL 394 (DIXIE HWY)
ILL 1 TO WILL COUNTY LINE

STANDARD OVERLAY, ADA IMPROVEMENTS, CULVERT REPLACEMENT

SECTION: 2020-124-RS
PROJECT: NHPP-V53D(525)
WILL COUNTY
C-91-322-20



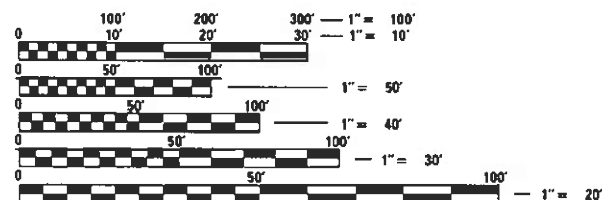
LOCATION OF SECTION INDICATED THUS: —

TRAFFIC DATA

IL 1
2019 ADT - 6,800
POSTED SPEED LIMIT - 35 MPH TO 45 MPH

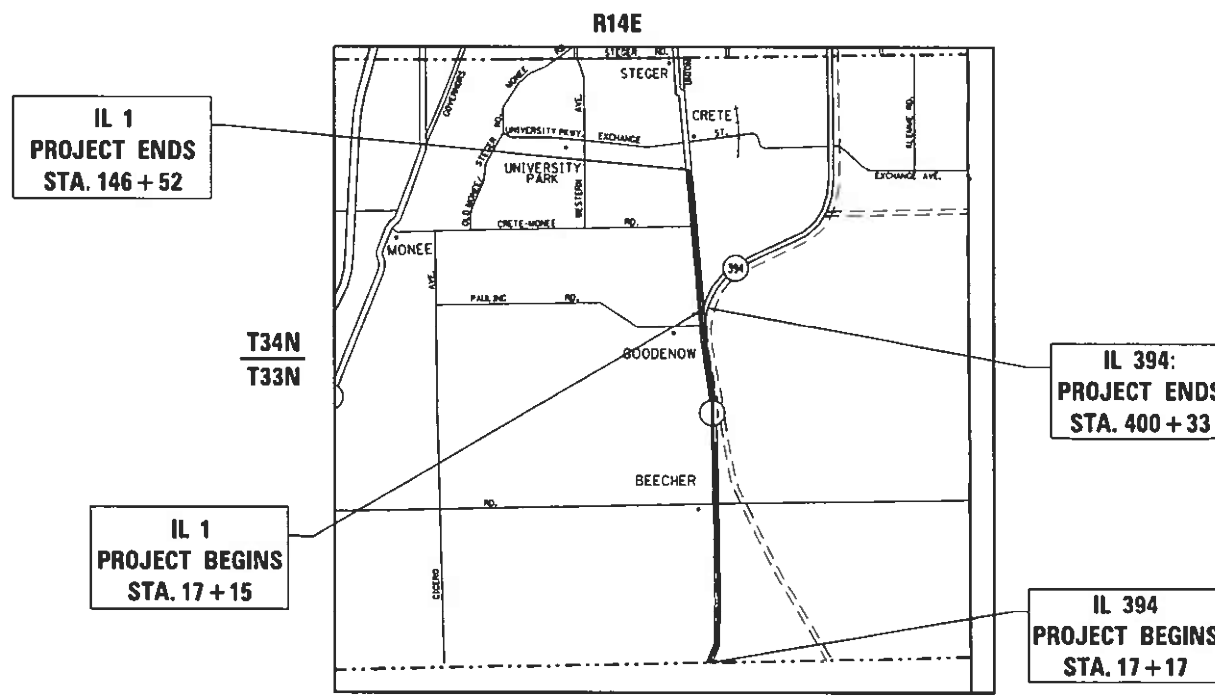
IL 394
2019 ADT - 8,600
POSTED SPEED LIMIT - 35 MPH TO 55 MPH

IL 394:
OMISSIONS:
STA. 115 + 80 TO STA. 116 + 31
STA. 364 + 88 TO STA. 366 + 75



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

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



PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL (847) 702-4247

CONTRACT NO. 62M02

GROSS & NET LENGTH OF IL 1 = 12,937 FT = 2.45 MI.
GROSS LENGTH OF IL 394 = 38,316 FT = 7.26 MI.
NET LENGTH OF IL 394 = 38,078 FT = 7.21 MI.
PROJECT TOTAL NET LENGTH = 51,015 FT = 9.66 MI.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 9, 2020

Anthony J. Quigley REGIONAL ENGINEER

January 29, 2021

Scott A. Etk ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2021

James M. Jan DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

LIST OF STATE STANDARDS

GENERAL NOTES

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES
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7-14	EXISTING & PROPOSED TYPICAL SECTIONS
15-33	ROADWAY & PAVEMENT MARKINGS PLANS
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35-38	CULVERT REPLACEMENT PLANS
39-44	DETECTOR LOOP PLANS
45-59	PEDESTRIAN RAMP DETAILS
60	BD-8: DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING
61	BD-22: PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
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63	BD-32: BUTT JOINT AND HMA TAPER DETAILS
64	BD-33: HMA TAPER AT EDGE OF P.C.C. PAVEMENT
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67	TC-11: TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
68	TC-13: DISTRICT ONE TYPICAL PAVEMENT MARKINGS
69	TC-14: TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
70	TC-16: SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
71	TC-21: DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
72	TC-22: ARTERIAL ROAD INFORMATION SIGN
73	TS-07: DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-09	PAVEMENT JOINTS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
630001-12	STEEL PLATE BEAM GUARDRAIL
630111-01	WEAK POST GUARDRAIL ATTACHED TO CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
604001-05	FRAME AND LIDS, TYPE 1
606001-07	COMBINATION CONCRETE AND GUTTER
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
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, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS > 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 TO 55 MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS > 45 TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
814001-03	HANDHOLES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUT FOR DETECTOR LOOPS

- 4) WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH (45 KM/H) OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH (45 KM/H). WITH WRITTEN APPROVAL FROM THE ENGINEER. A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- 5) BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 6) THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, MR. ERIC CAMPOS AT ERIC.CAMPOS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 7) THE RESIDENT ENGINEER SHALL VERIFY ALL EXISTING PAVEMENT MARKINGS BEFORE MILLING.
- 8) DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS
- 9) DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
- 10) ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 11) IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 12) THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 13) THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 14) THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIME DURING CONSTRUCTION.
- 15) TYPE III TAPE IS TO BE USED ON THE FINAL WEARING SURFACE
- 16) THE RESIDENT ENGINEER SHALL CONTACT THE CRETE TOWNSHIP FIRE PROTECTION DISTRICT A MINIMUM OF 4 WEEKS IN ADVANCE OF THE ROAD CLOSURE ON ILLINOIS ROUTE 1. THE RESIDENT ENGINEER SHALL NOTIFY MR. JEFF PANEGA OF THE CRETE FIRE PROTECTION DISTRICT VIA EMAIL AT JEFF.PANEGA@CRETETWPFFIRE.COM AND VIA PHONE AT 708-672-3111.
- 17) THE RESIDENT ENGINEER SHALL CONTACT THE WILL COUNTY DIVISION OF TRANSPORTATION A MINIMUM OF 1 WEEK IN ADVANCE OF THE ROAD CLOSURE ON ILLINOIS ROUTE 1. THE RESIDENT ENGINEER SHALL NOTIFY MR. KYLE CATALANO OF THE WILL COUNTY DIVISION OF TRANSPORTATION VIA EMAIL AT HIGHWAYS@WILLCOUNTYILLINOIS.COM AND VIA PHONE AT 815-7278476.
- 18) THE RESIDENT ENGINEER SHALL CONTACT THE VILLAGE OF CRETE A MINIMUM OF 2 WEEKS IN ADVANCE OF THE ROAD CLOSURE ON ILLINOIS ROUTE 1. THE RESIDENT ENGINEER SHALL NOTIFY MR. JUSTIN PANCAZIO OF THE VILLAGE OF CRETE PUBLIC WORKS VIA EMAIL AT JPANCAZIO@VILLAGEOFCRETE.ORG.
- 19) CONTACT AND NOTIFY MR. JEFF L. RONALDSON, P.E., OF THE WILL COUNTY DIVISION OF TRANSPORTATION AT (815) 727-8476 AT LEAST 48 HOURS IN ADVANCE OF THE CLOSURE.
- 20) ADVANCE DETOUR SIGNING MUST BE UP AT LEAST 2 WEEKS BEFORE THE SCHEDULED CLOSURE DATE.
- 21) 4 CHANGEABLE MESSAGE SIGNS (4 TOTAL) WILL BE REQUIRED AT IL 394 & GOODENOW ROAD, IL 1 & IL 394, IL 1 & NORTH OF ELMSCOURT LANE AND IL 1 & NORTH OF EXCHANGE STREET INTERSECTIONS FOR TWO WEEKS PRIOR TO THE DETOUR AND ONE WEEK DURING THE DETOUR.

GENERAL NOTES

- 1) BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- 2) THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF CRETE AND BEECHER.
- 3) THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 1 (BURVILLE ROAD TO N OF IL 394) & IL 394 (IL 1 TO WILL COUNTY LINE) INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom.dot.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\DI52420\Drawings\Design\DI52420-sht-cover.dgn	DRAWN	CHECKED	REVISED			•	2020-124-RS	WILL	73	2
PLOT SCALE = 100.0002' / in.						CONTRACT NO. 62M02				
PLOT DATE = 12/10/2020						SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		IL 1 0005 ROADWAY 80%FED 20% STA	IL 1 0005 ROADWAY 100% STATE	IL 394 0005 ROADWAY 80%FED 20% STA	IL 394 0005 ROADWAY 100% STATE	0043 ROADWAY 80%FED 20% STA
20200100	EARTH EXCAVATION	CU YD	52.5			52.5		
20700220	POROUS GRANULAR EMBANKMENT	CU YD	10					10
20800150	TRENCH BACKFILL	CU YD	12					12
25000300	SEEDING, CLASS 3	ACRE	0.25					0.25
25100630	EROSION CONTROL BLANKET	SO YD	65					65
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	2					2
28000305	TEMPORARY DITCH CHECKS	FOOT	60					60
28000400	PERIMETER EROSION BARRIER	FOOT	204					204
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	59					59
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	125712	34221		91451		40
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	389	106		283		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	784	158		626		
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	10656	2895		7761		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	4561	611		3950		

SUMMARY OF QUANTITIES				TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
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40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	16840	5840		11000			
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	3961	445		3516			
42001300	PROTECTIVE COAT	SO YD	900			900			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	5250			5250			
42400800	DETECTABLE WARNINGS	SO FT	250			250			
44000100	PAVEMENT REMOVAL	SO YD	59					59	
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	258309	70173		88136			
44000600	SIDEWALK REMOVAL	SO FT	5250			5250			
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	59					59	
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	700	150		550			
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	585	110		475			
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	1600	250		1350			
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3171	934		2237			

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pw:\planroom\dtd\111\mof.gov\PI\001\Documents\VDOT	Offices\District\Projects\0152420\CADD\01\Design\0152420-1\DRAWING	CHECKED -	REVISED -			*	2020-124-RS	WILL	73	3	
	PLOT SCALE = 100,0002' / 1"	DATE -	REVISED -			CONTRACT NO. 62M02					
	PLOT DATE = 12/10/2020					SCALE: [SHEET NO. OF SHEETS] STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					TOTAL QUANTITIES URBAN	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
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50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1					1	* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4				4		
50200100	STRUCTURE EXCAVATION	CU YD	115					115	63200310	GUARDRAIL REMOVAL	FOOT	543				543		
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	10					10	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	82566		82566				
50800105	REINFORCEMENT BARS	POUND	1600					1600	*66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	168		53		115		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	170					170	*66900530	SOIL DISPOSAL ANALYSIS	EACH	3		3				
52200900	CONCRETE STRUCTURES (RETAINING WALL)	CU YD	19					19	*66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1		1				
542A8309	PIPE CULVERTS, CLASS A, TYPE 3 EQUIVALENT ROUND-SIZE 24"	FOOT	50					50	*66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1		1				
58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	19					19	*66901006	REGULATED SUBSTANCES MONITORING	CAL DA	17	2		15			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	3			3			67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	6		6			
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1					67100100	MOBILIZATION	L SUM	1	0.5		0.5			
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	37	11		26			70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1					
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	350					350	70100320	TRAFFIC CONTROL AND PROTECTION, STANDARD 701422	L SUM	1	0.5		0.5			
* 63000055	WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE VI	FOOT	28					28	70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1			1			

FILE NAME =	USER NAME = qureshya	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0002' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 1 (BURVILLE ROAD TO N OF IL 394) &
IL 394 (IL 1 TO WILL COUNTY LINE)
SUMMARY OF QUANTITIES**

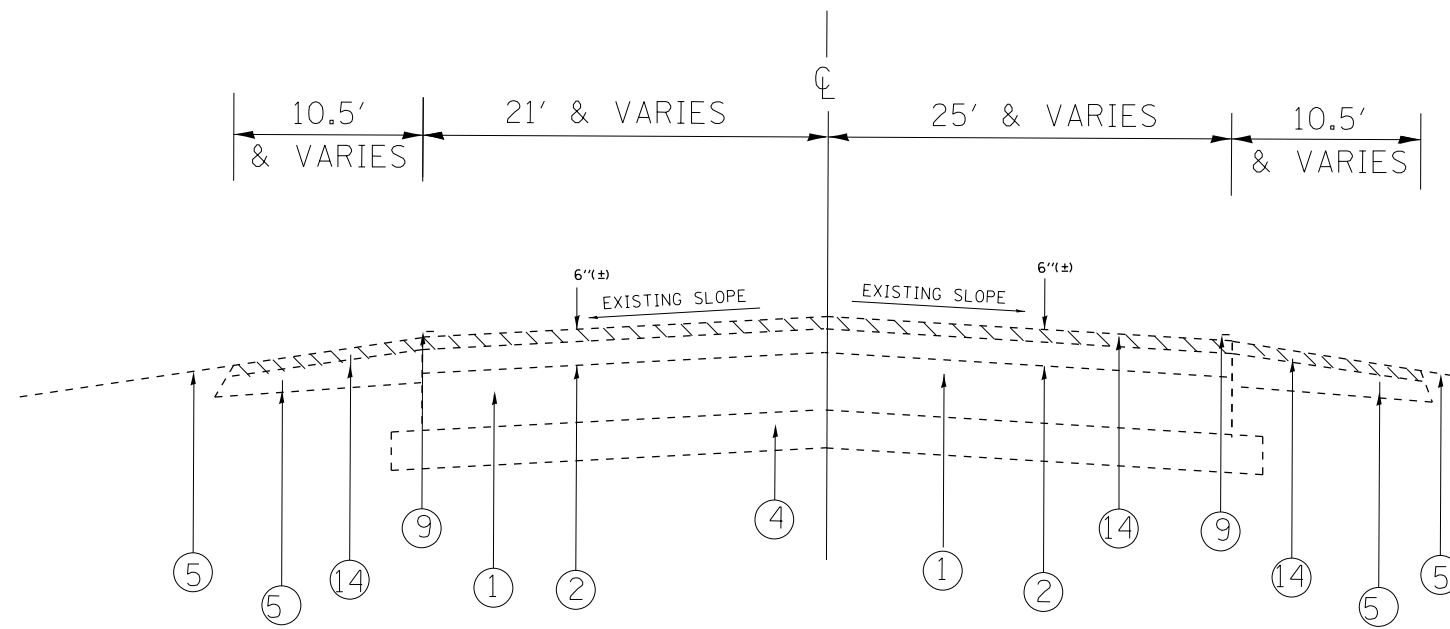
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-124-R5	WILL	73	4
CONTRACT NO. 62M02			REV-SEP	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

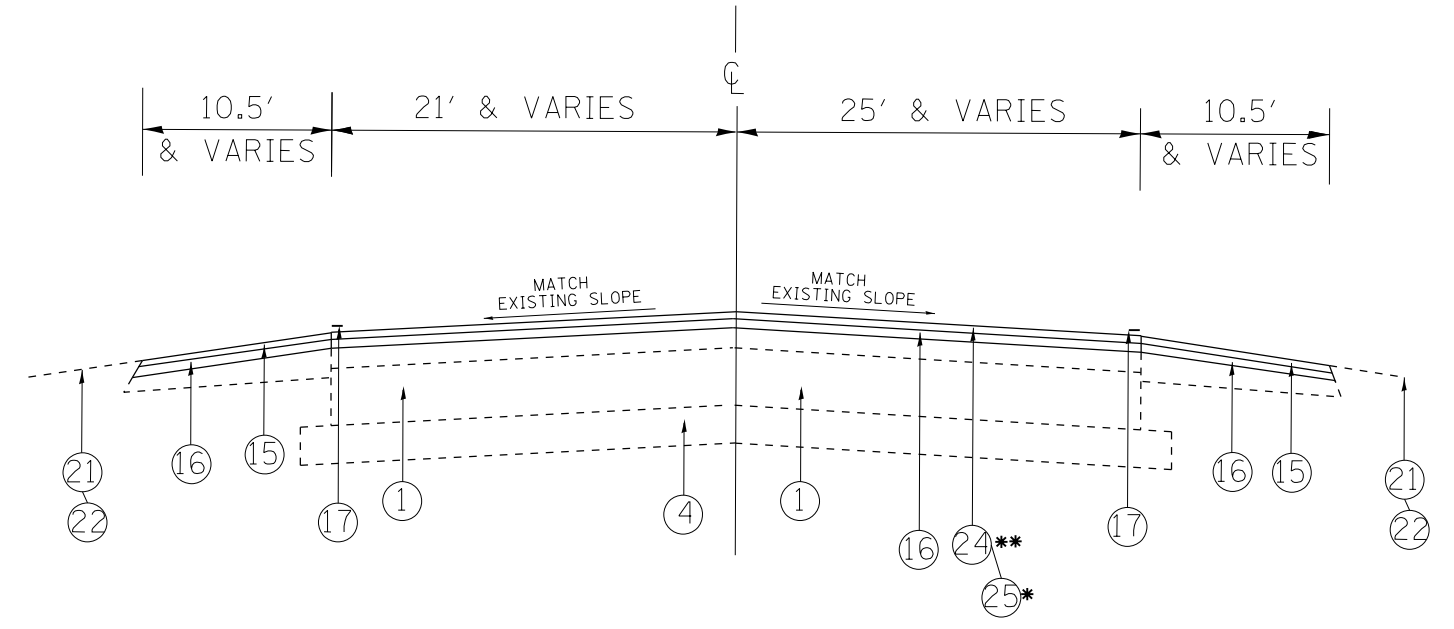
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70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1			1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1			1		
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1			1		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1			1		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.5		0.5		
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	84	84				
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2574	328		2246		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	184280	63352		120928		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	10883	1538		9345		
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2304	735		1569		

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70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1275	236		1039		
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	2900	400		2500		
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4					4
*78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	2574	328		2246		
*78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	158767	63352		95415		
*78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	10883	1538		9345		
*78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2304	735		1569		
*78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1275	236		1039		
*78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2150	1100		1050		
*78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8					8
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1700	875		825		
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1			1		

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		CHECKED -	REVISED -			CONTRACT NO. 62M02				
		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	



ILL. 1
EXISTING TYPICAL SECTION
STA. 17+15 TO STA. 41+00



ILL. 1
PROPOSED TYPICAL SECTION
STA. 12+50 TO STA. 27+58*
STA. 27+58 TO STA. 41+00**

LEGEND

1. EXISTING P.C. CONCRETE PAVEMENT ± 7 1/2"
2. EXISTING HMA SURFACE, ± 6"
3. EXISTING HMA SURFACE, ± 9"
4. EXISTING GRANULAR SUB BASE, 6"
5. EXISTING AGGREGATE SHOULDER TYPE "B"
6. EXISTING HMA SHOULDER, 8"
7. EXISTING COMBINATION CONC. CURB & GUTTER TYPE B6.12
8. EXISTING COMBINATION CONC. CURB & GUTTER TYPE B6.24
9. EXISTING PAVEMENT MARKING
10. EXISTING SHOULDER RUMBLE STRIP, 8"
11. EXISTING CENTERLINE RUMBLE STRIP, 12"
12. EXISTING HMA PAVEMENT (FULL DEPTH), 13 3/4"
13. EXISTING AGGREGATE SUBGRADE, 12"
14. PROPOSED HMA SURFACE REMOVAL, 2 1/2"
15. PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (NOTE 5)
16. PROPOSED POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
17. PROPOSED PAVEMENT MARKING
18. PROPOSED CENTERLINE RUMBLE STRIP, 16"
19. PROPOSED SHOULDER RUMBLE STRIP, 6"
20. PROPOSED AGGREGATE SHOULDER REMOVAL
21. PROPOSED GRADING AND SHAPING SHOULDER
22. PROPOSED AGGREGATE WEDGE SHOULDER, TYPE "B"
23. PROPOSED COMBINATION CONC. CURB & GUTTER TYPE B6.12
24. PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"
25. PROPOSED POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"

NOTE

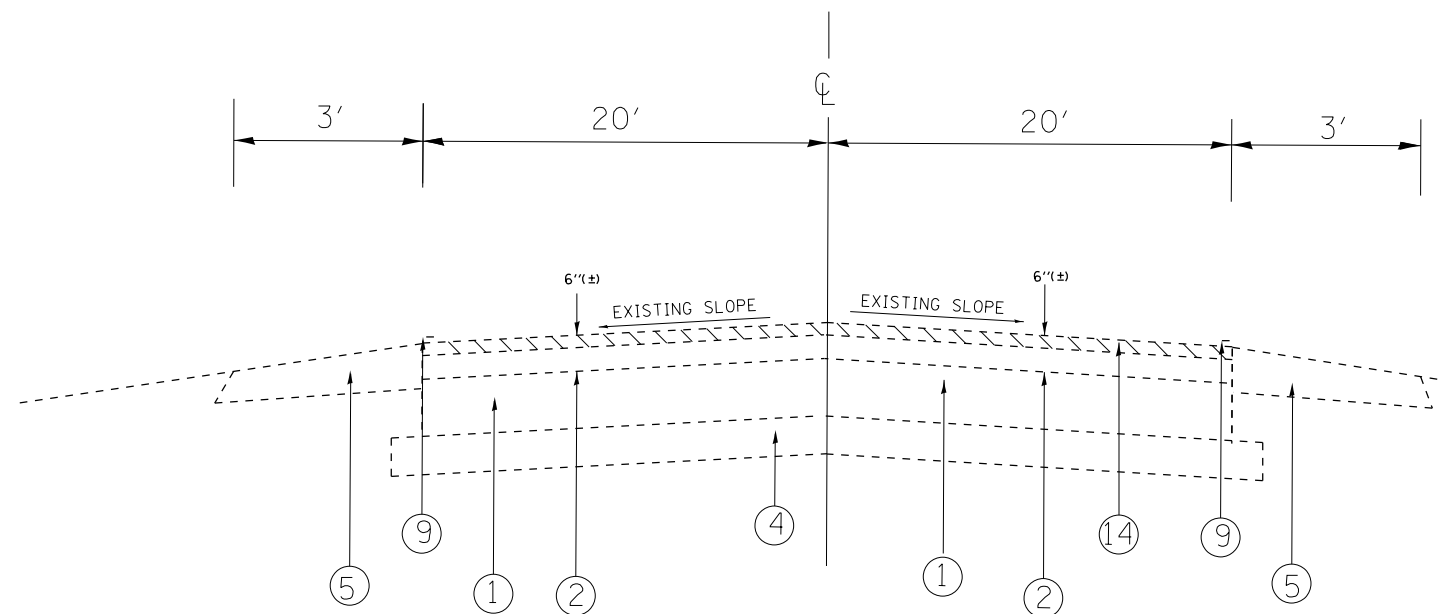
THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ Ndes	
PAVEMENT RESURFACING		
HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1 3/4"	4% @ 70 GYR.	PFP
POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80; 1 3/4"	3.5% @ 80 GYR.	QCP
POLY. HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QCP
SHOULDER RESURFACING		
HMA SURFACE COURSE, MIX "D", IL-9.5, N70; 1 3/4" (NOTE 5)	4% @ 70 GYR.	QC/QA
POLY. HMA BINDER COURSE, IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QCP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

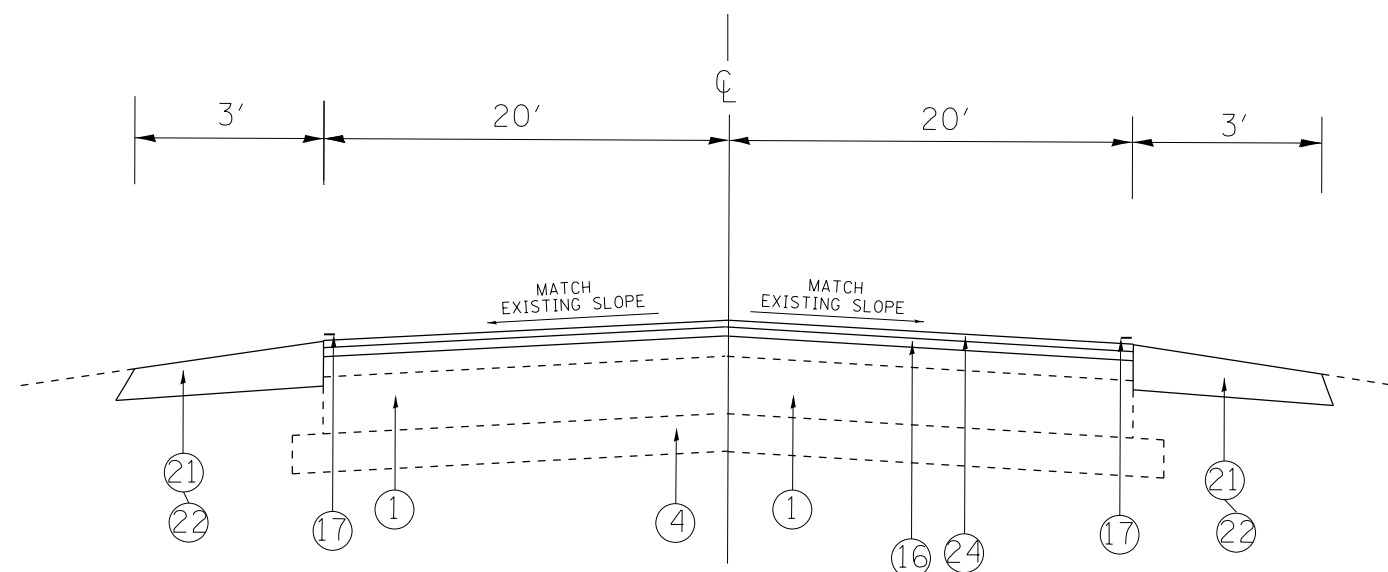
NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY SPECIAL PROVISIONS.
 FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
 NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE
 NOTE 4: LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE POLY HMA BINDER IL-4.75 N50
 NOTE 5: PAID FOR UNDER 48203100 HOT-MIX ASPHALT SHOULDERS (TON)

LEGEND

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2. EXISTING HMA SURFACE, ± 6"
3. EXISTING HMA SURFACE, ± 9"
4. EXISTING GRANULAR SUB BASE, 6"
5. EXISTING AGGREGATE SHOULDER TYPE "B"
6. EXISTING HMA SHOULDER, 8"
7. EXISTING COMBINATION CONC. CURB & GUTTER TYPE B6.12
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ILL. 1
EXISTING TYPICAL SECTION
STA. 41+00 TO STA. 86+32

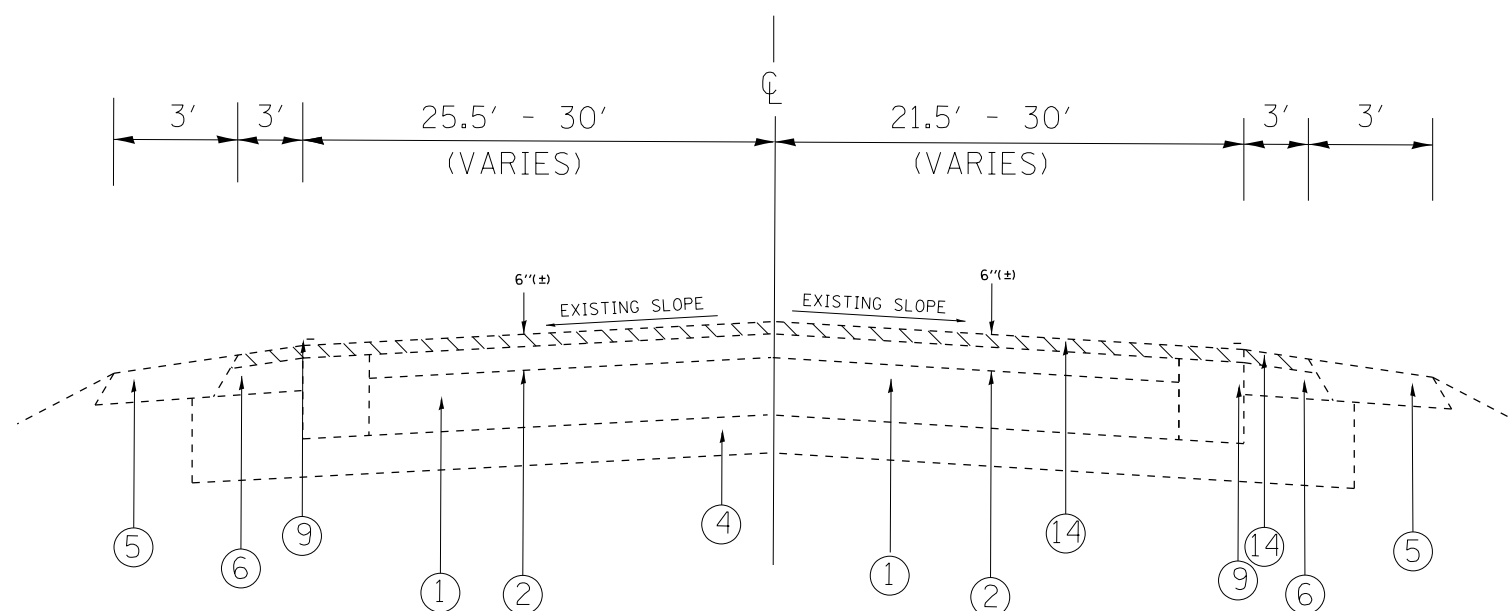


ILL. 1
PROPOSED TYPICAL SECTION
STA. 41+00 TO STA. 86+32

FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 1 (BURVILLE ROAD TO N OF IL 394) EXISTING & PROPOSED TYPICAL SECTIONS	F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI52420\Drawings\Design\DI52420-sht-cover.dgn	PLLOT SCALE = 1/8" = 100.0002' / in.	CHECKED -	REVISED -			876	2020-124-RS	WILL	73	8	
PLLOT DATE = 1/15/2021	DATE -	REVISED -	REVISED -			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		CONTRACT NO. 62M02	
						FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT	

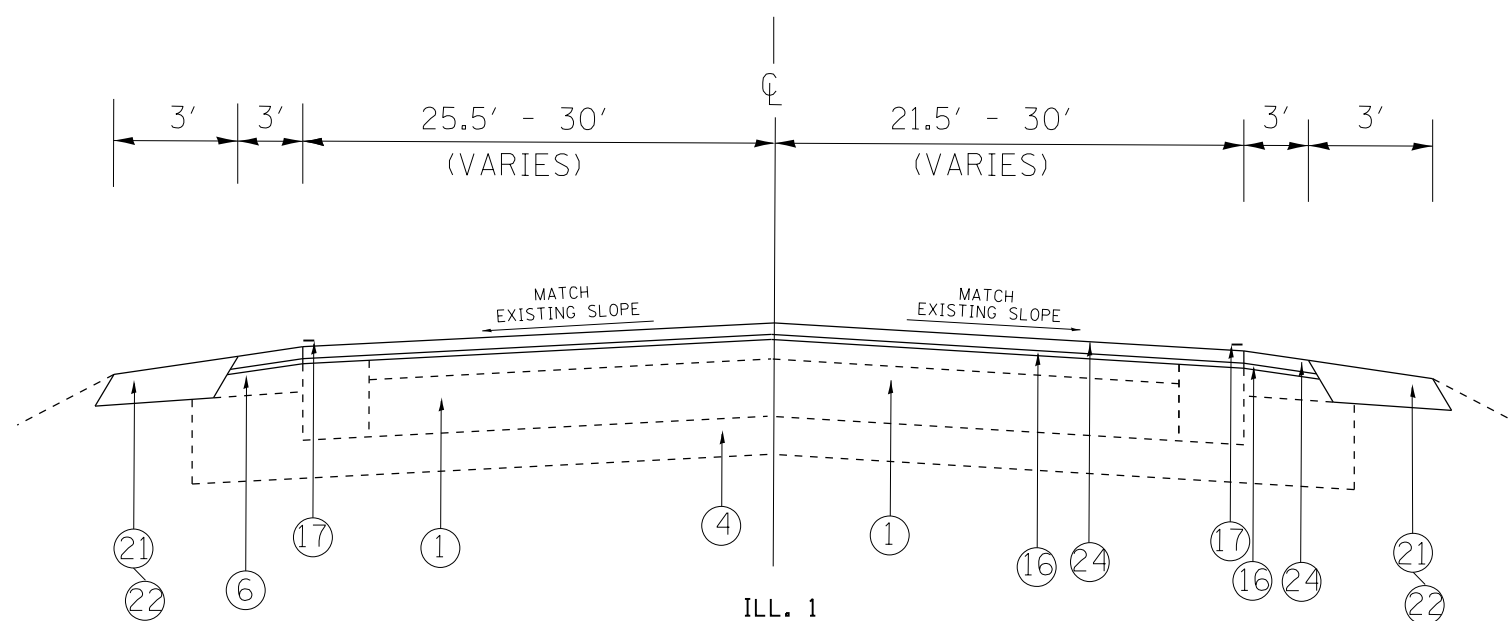
LEGEND

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ILL. 1

EXISTING TYPICAL SECTION
STA. 86+32 TO STA. 100+00



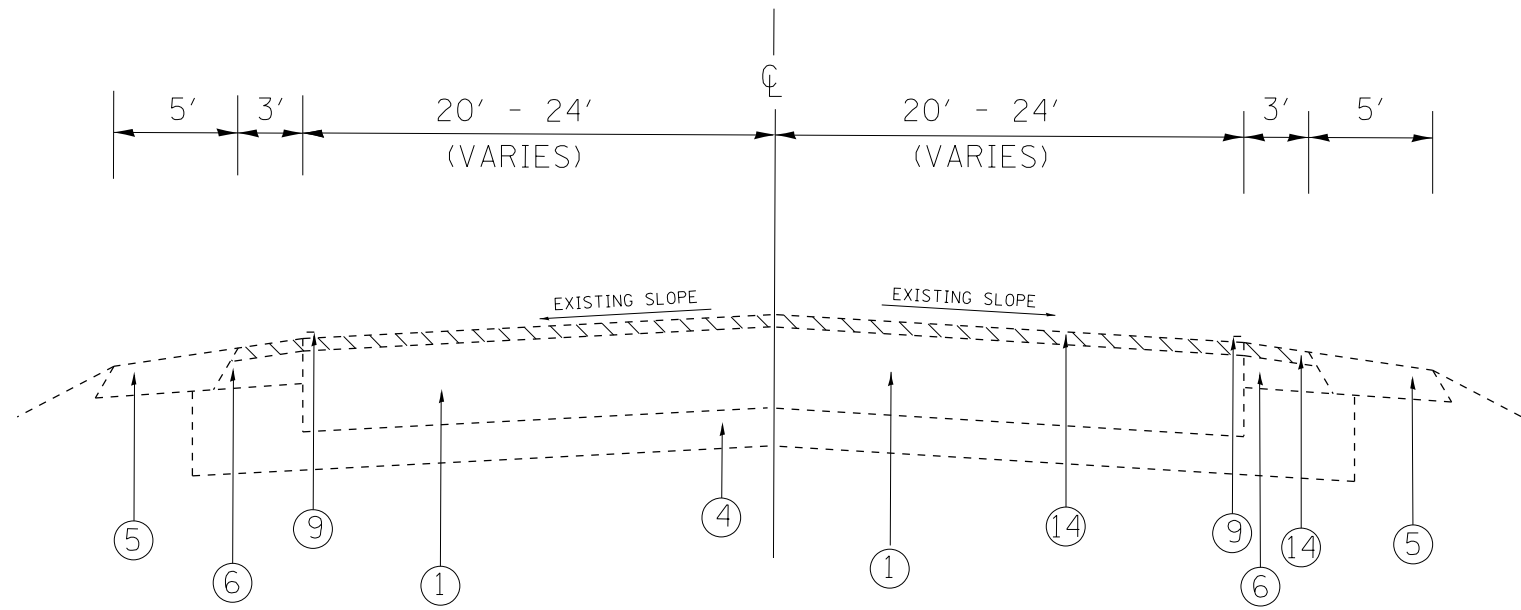
ILL. 1

PROPOSED TYPICAL SECTION
STA. 86+32 TO STA. 100+00

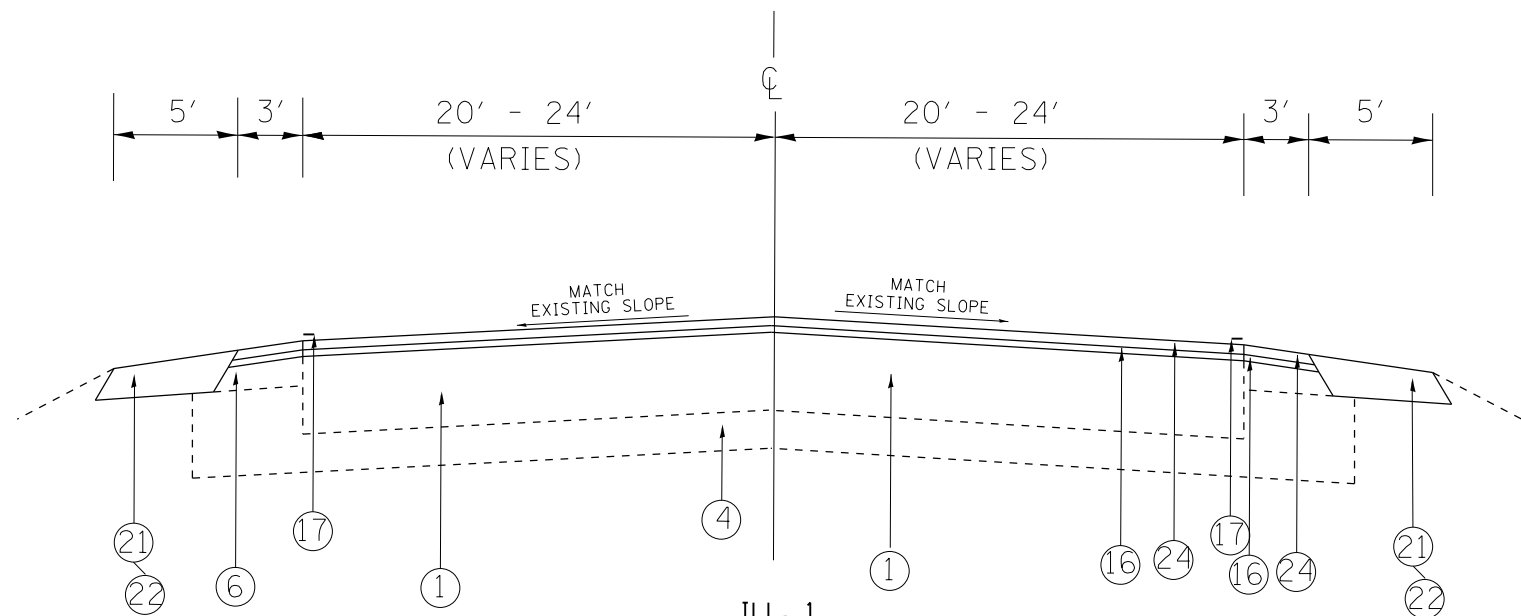
FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 1 (BURVILLE ROAD TO N OF IL 394) EXISTING & PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100.0002' / in.	DATE =	DATE -	REVISED -			CONTRACT NO. 62M02					
PLOT DATE = 1/15/2021						SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

LEGEND

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ILL. 1
EXISTING TYPICAL SECTION
STA. 100+00 TO STA. 106+30

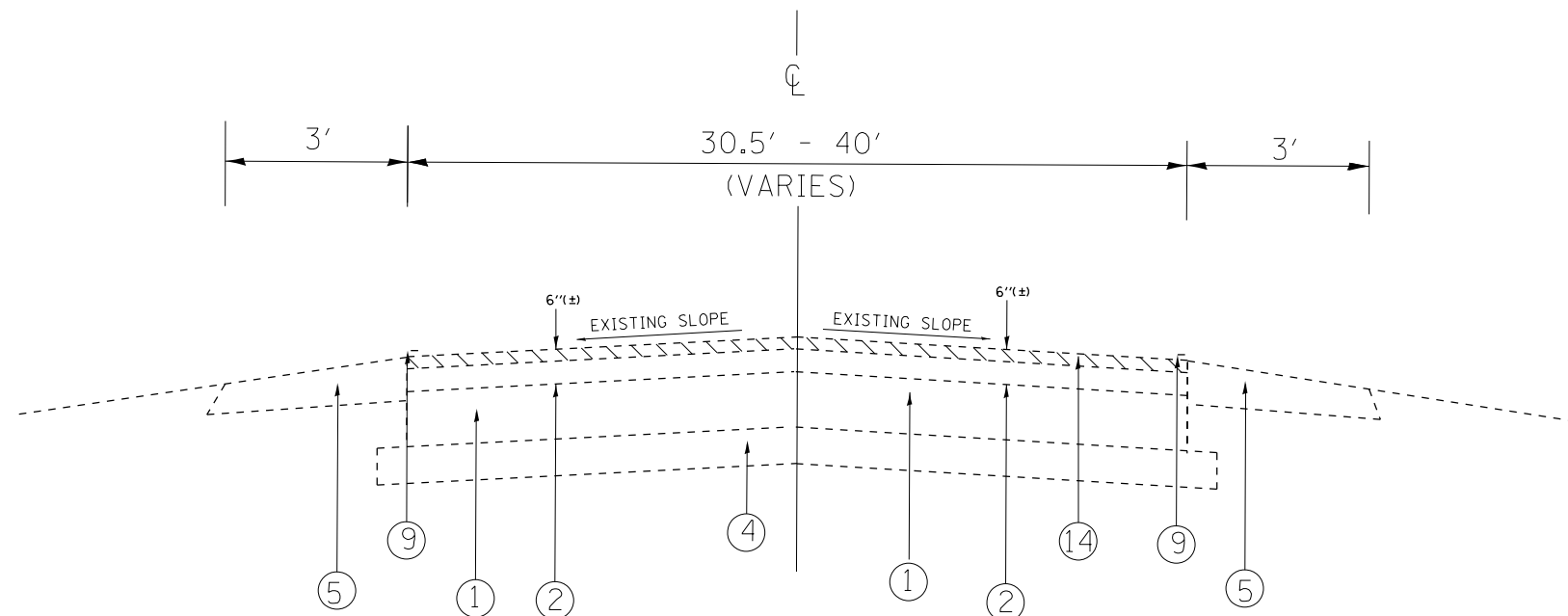


ILL. 1
PROPOSED TYPICAL SECTION
STA. 100+00 TO STA. 106+30

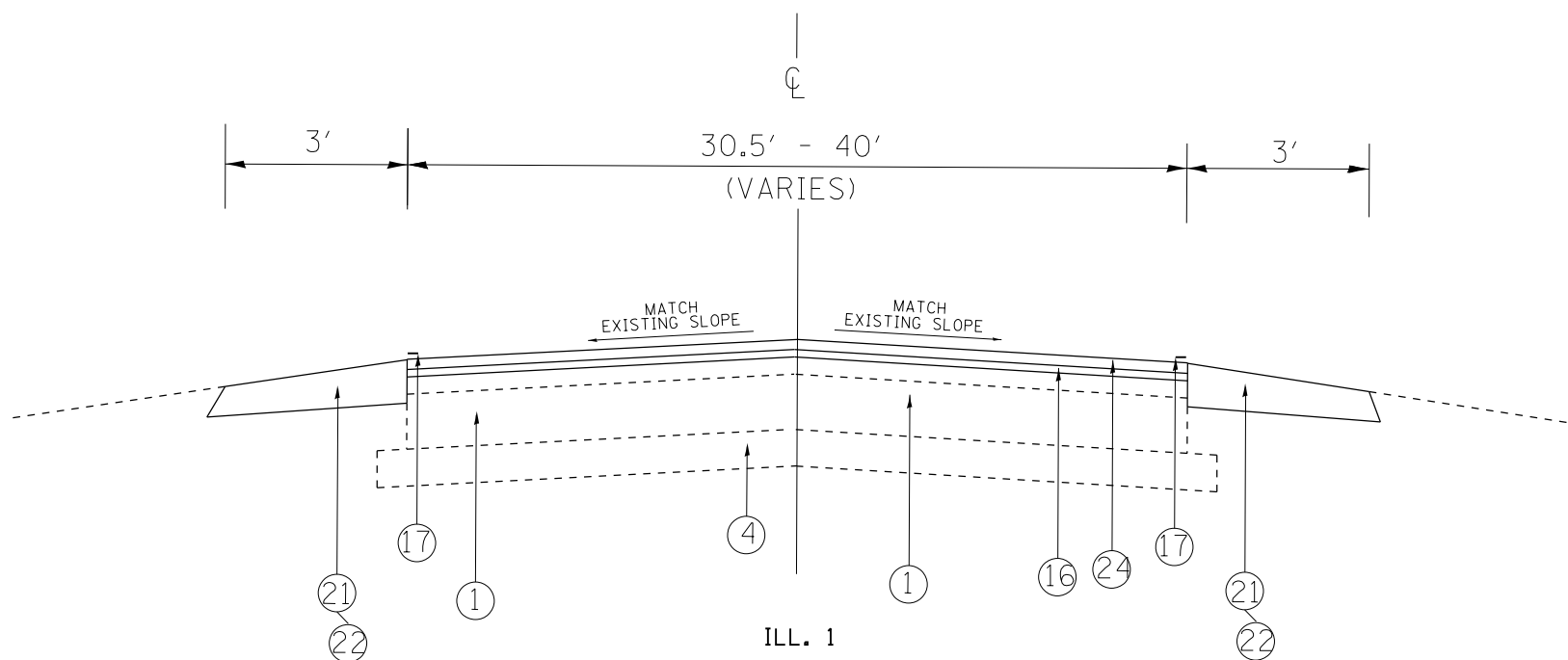
FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 1 (BURVILLE ROAD TO N OF IL 394) EXISTING & PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dot.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI52420\Drawings\Design\DI52420-sht-cover.dgn		CHECKED -	REVISED -			332	2020-124-RS	WILL	73	10
PLOT SCALE = 100.0002' / in.		DATE -	REVISED -			CONTRACT NO. 62M02				
PLOT DATE = 1/15/2021						SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

LEGEND

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ILL. 1
EXISTING TYPICAL SECTION
STA. 106+30 TO STA. 146+52

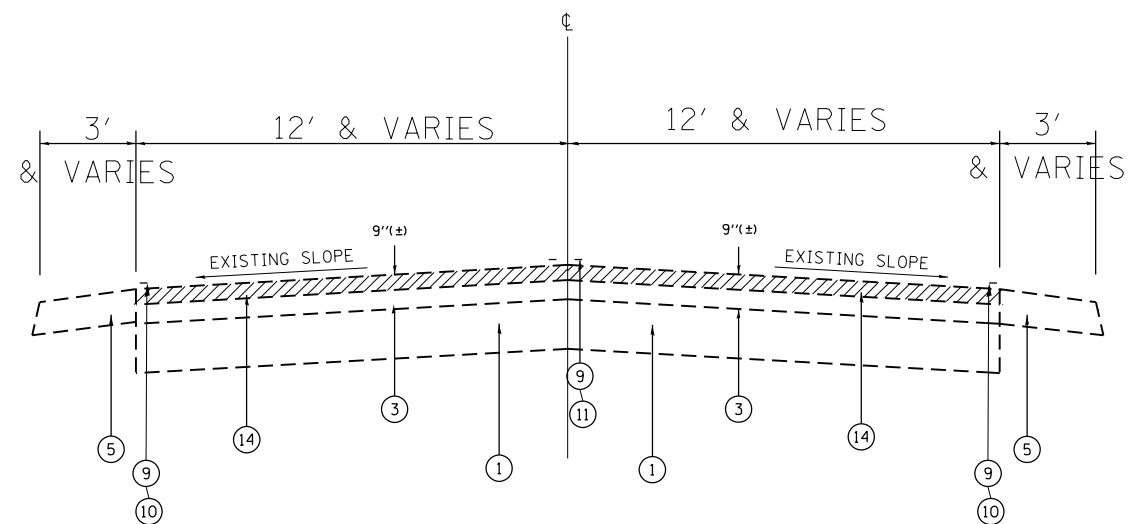


ILL. 1
PROPOSED TYPICAL SECTION
STA. 106+30 TO STA. 146+52

FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 1 (BURVILLE ROAD TO N OF IL 394) EXISTING & PROPOSED TYPICAL SECTIONS	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLLOT DATE = 1/15/2021	DATE -	REVISED -	REVISED -			SHEET NO. 1 OF 1 SHEETS		STA. TO STA.		CONTRACT NO. 62M02	
						FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT			

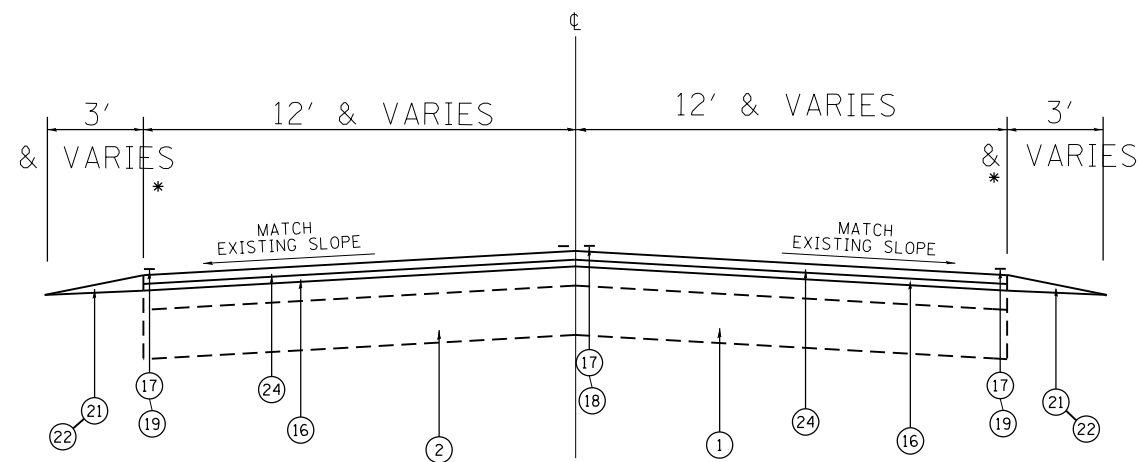
LEGEND

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ILL. 394

EXISTING TYPICAL SECTION
 STA. 17+17 TO STA. 167+25
 STA. 234+13 TO STA. 249+36
 STA. 263+80 TO STA. 277+49
 STA. 286+47 TO STA. 344+41



ILL. 394

PROPOSED TYPICAL SECTION
 STA. 17+17 TO STA. 167+25
 STA. 234+13 TO STA. 249+36
 STA. 263+80 TO STA. 277+49
 STA. 286+47 TO STA. 344+41
 * SHLD VARIES 1' TO 6'

FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -
p:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI52420\DRAWING\Design\DI52420-sht-cover.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

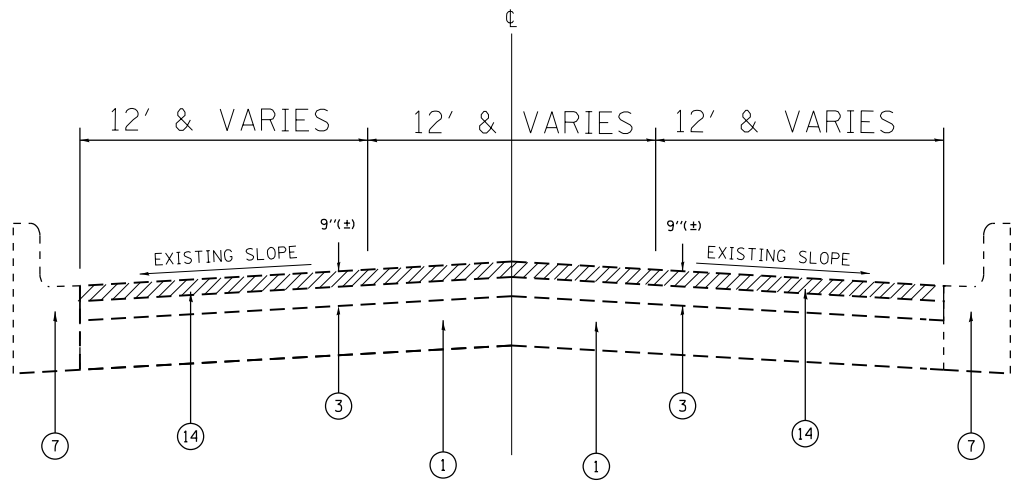
**IL 394 (IL 1 TO WILL COUNTY LINE)
 EXISTING & PROPOSED TYPICAL SECTIONS**

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

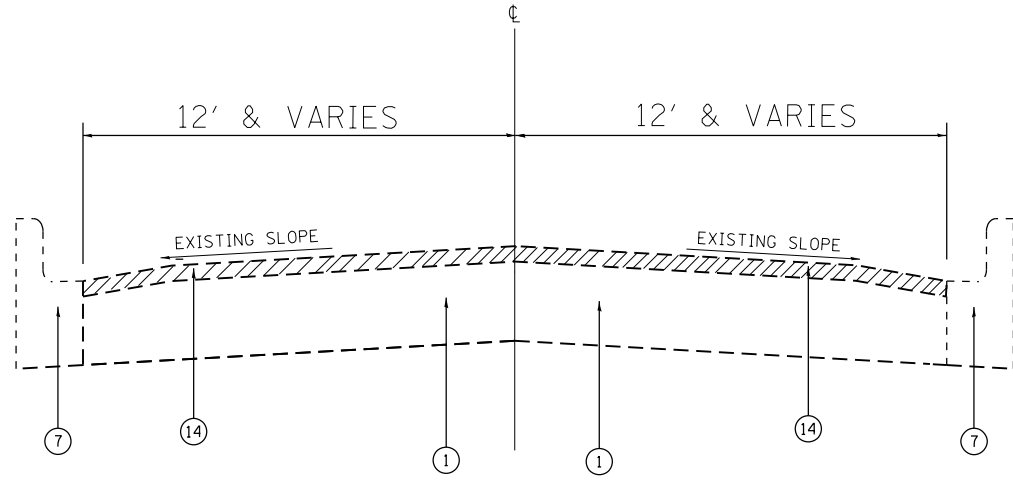
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2020-124-RS	WILL	73	12
			CONTRACT NO. 62M02	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LEGEND

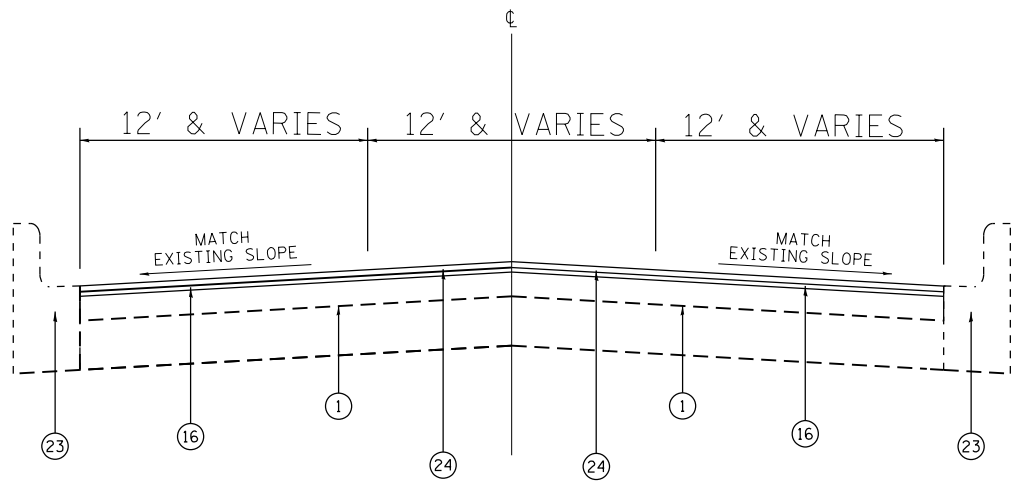
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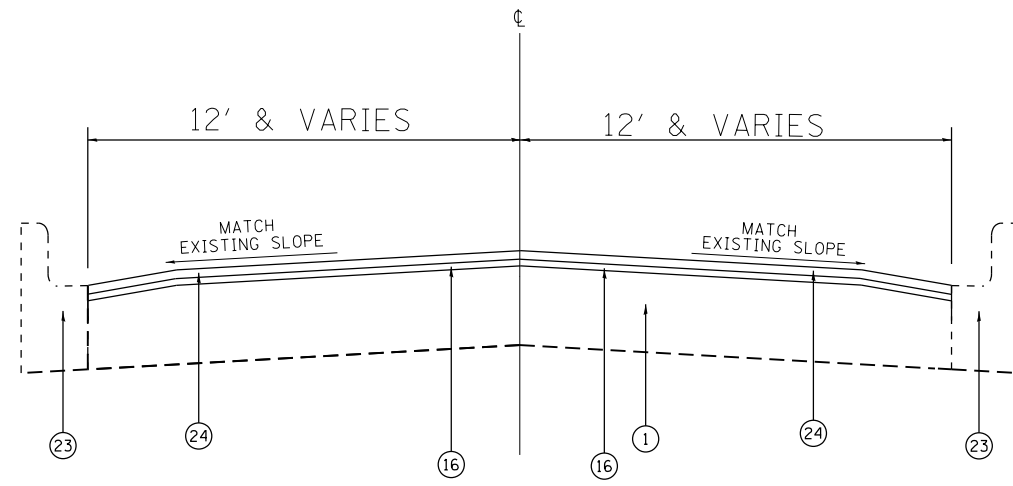
ILL. 394
EXISTING TYPICAL SECTION
 STA. 167+25 TO STA. 234+13



ILL. 394
EXISTING TYPICAL SECTION
 STA. 277+48 TO STA. 286+47



ILL. 394
PROPOSED TYPICAL SECTION
 STA. 167+25 TO STA. 234+13



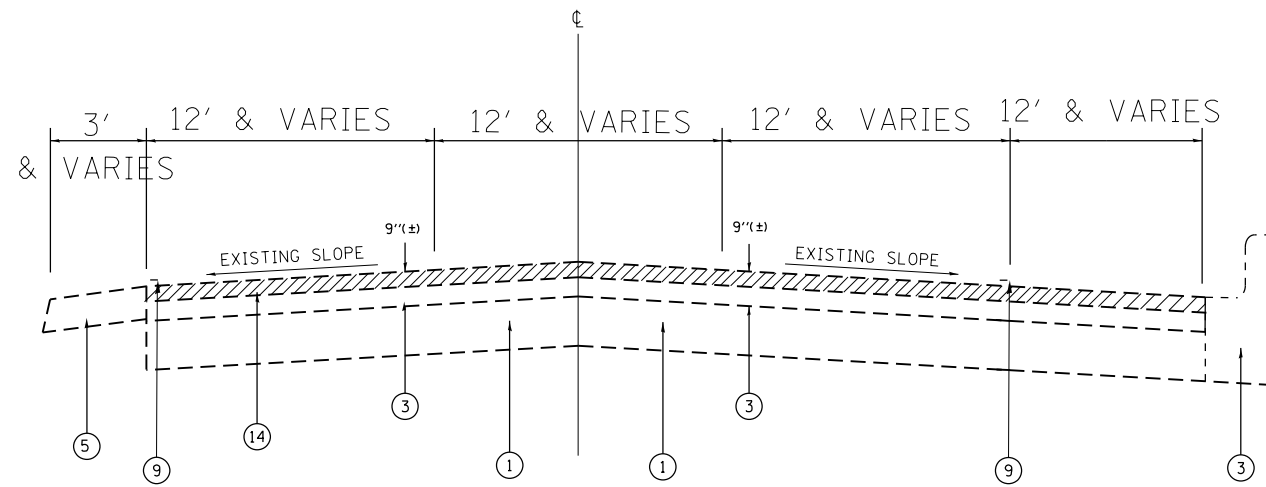
ILL. 394
PROPOSED TYPICAL SECTION
 STA. 277+48 TO STA. 286+47

FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 394 (IL 1 TO WILL COUNTY LINE) EXISTING & PROPOSED TYPICAL SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI52420\Drawings\Design\DI52420-sht-cover.dgn	PLLOT SCALE = 100.0002' / in.	CHECKED -	REVISED -			332	2020-124-RS	WILL	73	13
	PLLOT DATE = 1/15/2021	DATE -	REVISED -			SHEET NO. 1 OF 1 SHEETS		STA.	TO STA.	
						CONTRACT NO. 62M02				

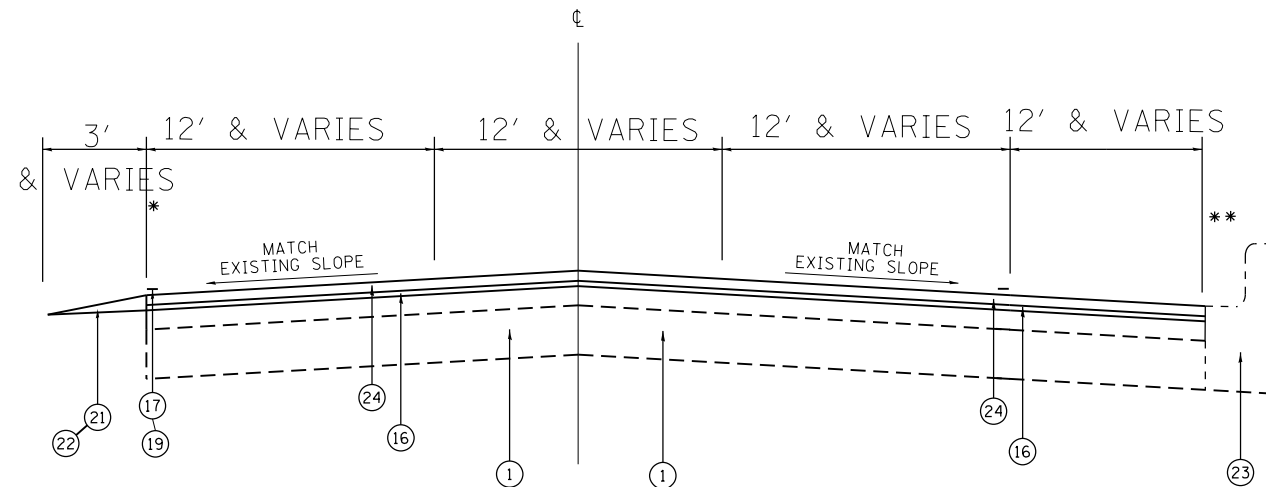
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

LEGEND

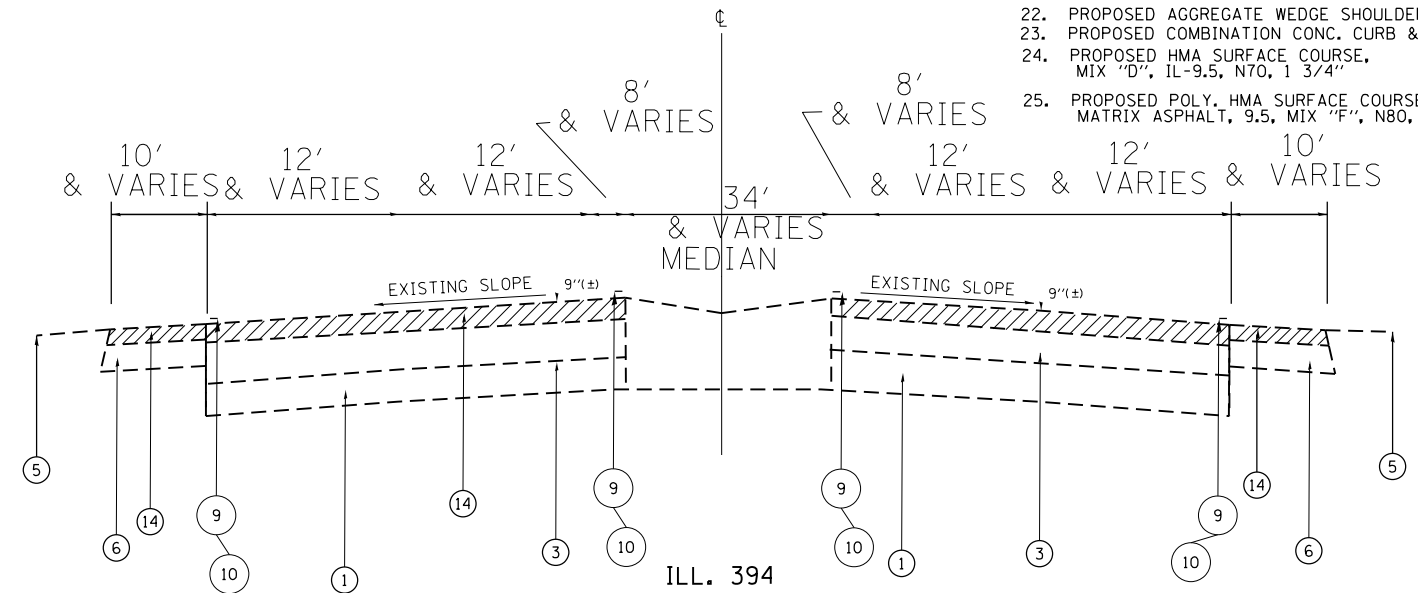
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24. PROPOSED HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"
25. PROPOSED POLY. HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1 3/4"



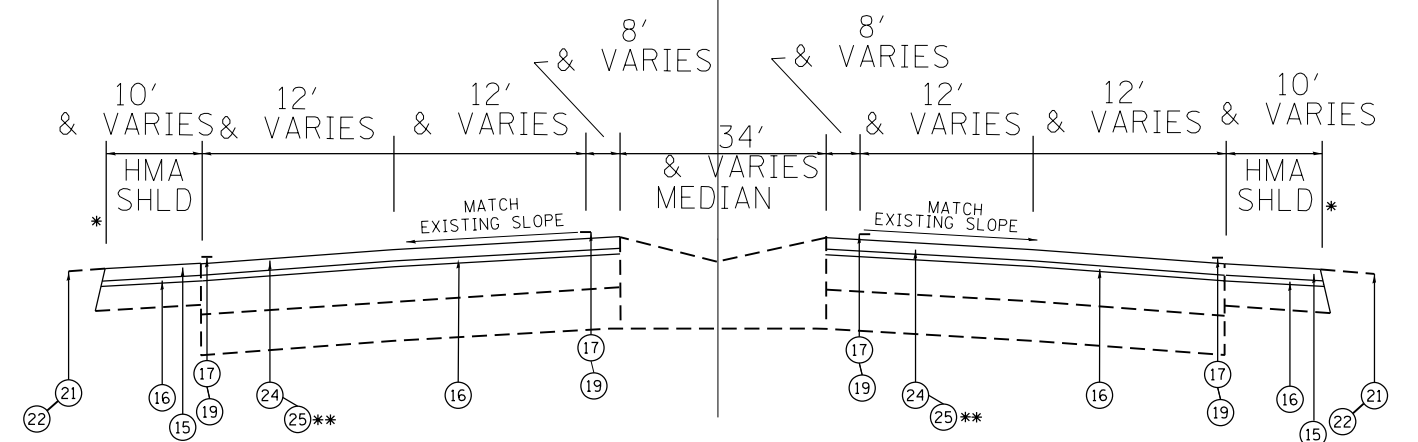
ILL. 394
EXISTING TYPICAL SECTION
STA. 249+36 TO STA. 263+80



ILL. 394
PROPOSED TYPICAL SECTION
STA. 249+36 TO STA. 263+80
* SHLD VARIES 2' TO 3'
** C&G ENDS AT STA 255+50



ILL. 394
EXISTING TYPICAL SECTION
STA. 344+41 TO STA. 400+33



ILL. 394
PROPOSED TYPICAL SECTION
STA. 344+41 TO STA. 400+33
* C&G STA 356+90 TO STA 361+74
** NB & SB STA 352+00 TO STA 400+33

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

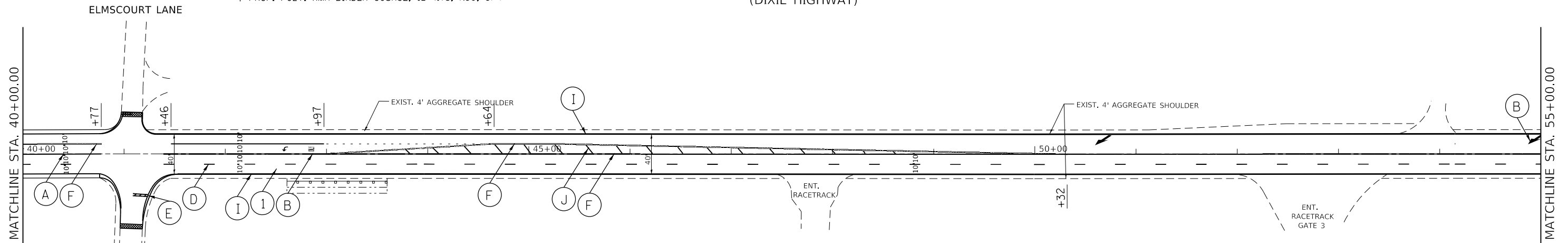
**IL 394 (IL 1 TO WILL COUNTY LINE)
EXISTING & PROPOSED TYPICAL SECTIONS**

SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2020-124-RS	WILL	73	14
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M02	

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" "
- PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" "
- PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" "
- PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER)
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

IL. ROUTE 1
(DIXIE HIGHWAY)



- Ⓐ PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)

- Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- Ⓘ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- Ⓚ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- Ⓛ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)

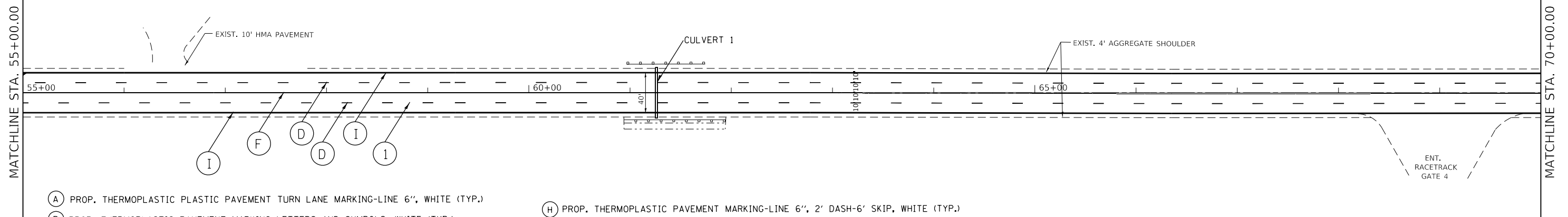
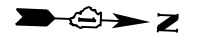
NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" "
- PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" "
- PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" "
- PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER)
- PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

IL. ROUTE 1
(DIXIE HIGHWAY)



- Ⓐ PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)

- Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- Ⓘ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- Ⓚ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- Ⓛ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

MODEL: Default
FILE: Model_Plan_Pavement.dwg
PROJECT: ID152420_CADDData\Design\152420-sh-elpb2.dgn

USER NAME = qureshya	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL 1 (BURVILLE ROAD TO N OF IL 394)

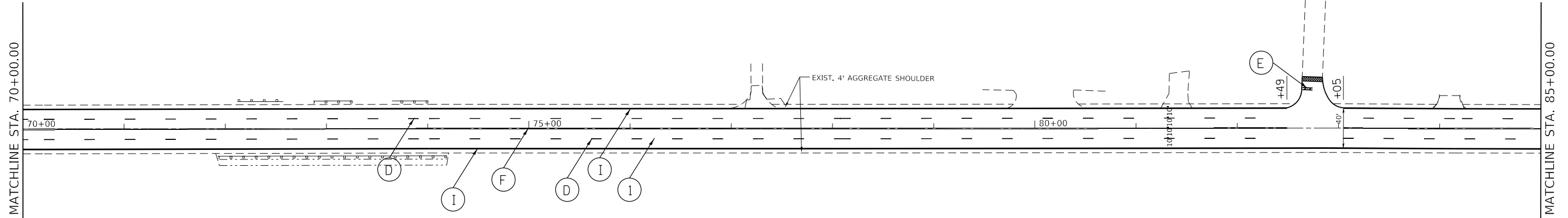
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-R5	WILL	73	16
			CONTRACT NO. 62M02	
ILLINOIS FED. AID PROJECT				

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
 - PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"
 - PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
 - PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
 - PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
 - PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER)
 - PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

IL. ROUTE 1
(DIXIE HIGHWAY)

KENT AVENUE



- ① PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- ⑪ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

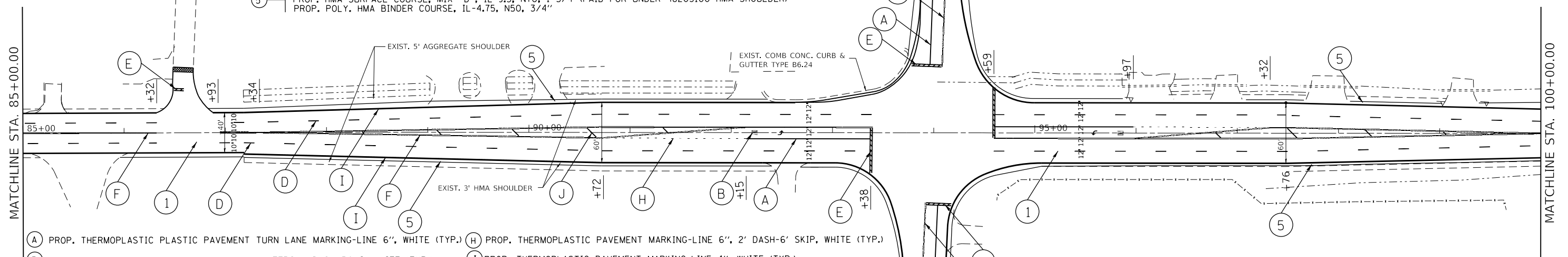
HMA SURFACE REMOVAL BUTT JOINT, 4.5'

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
 - PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"
 - PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
 - PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
 - PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
 - PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER)
 - PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

W. CRETE-NEW MONEE ROAD

WINDSOR AVENUE

IL. ROUTE 1
(DIXIE HIGHWAY)



- ① PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- ⑪ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- ⑫ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL 1 (BURVILLE ROAD TO N OF IL 394)

USER NAME = qureshya	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-R5	WILL	73	17
			CONTRACT NO. 62M02	
		ILLINOIS	FED. AID PROJECT	

- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- (G) PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)


- (H) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- (I) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (J) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- (K) PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- (L) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (M) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- (N) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- (O) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- (P) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)

- (1) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- (4) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- (5) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER) PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

- (2) PROP. CENTERLINE RUMBLE STRIP, 16"
- (3) PROP. SHOULDER RUMBLE STRIP, 8"

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5' 

* = ADA RAMPS

- (A) PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- (B) PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- (C) PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- (D) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- (E) PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- (F) PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- (G) PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)

- (H) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- (I) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (J) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- (K) PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- (L) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- (M) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- (N) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- (O) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- (P) PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)

MATCHLINE STA. 28+00.00


MATCHLINE STA. 43+00.00

- (1) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- (2) PROP. CENTERLINE RUMBLE STRIP, 16"
- (3) PROP. SHOULDER RUMBLE STRIP, 8"
- (4) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- (5) PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER) PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

* = ADA RAMPS

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5' 

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL 1/394 (IL 1 TO WILL COUNTY LINE)

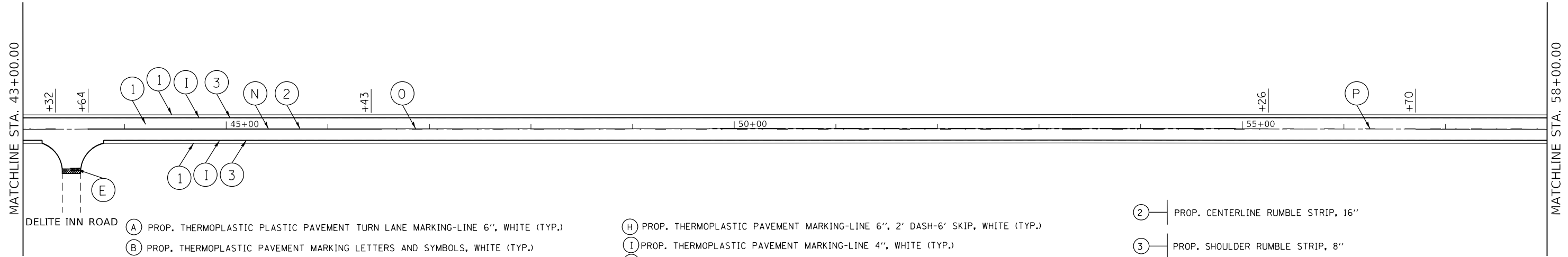
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-124-R5	WILL	73	20
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: Model_Plan_Pavement.dwg
PROJECT: 152420-CADDData\Design\152420-sh-1.dgn

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER) PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

IL. ROUTE 1
(DIXIE HIGHWAY)



- ① PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- ⑫ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- ⑮ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- ⑯ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- ⑰ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)

- ② PROP. CENTERLINE RUMBLE STRIP, 16"
- ③ PROP. SHOULDER RUMBLE STRIP, 8"

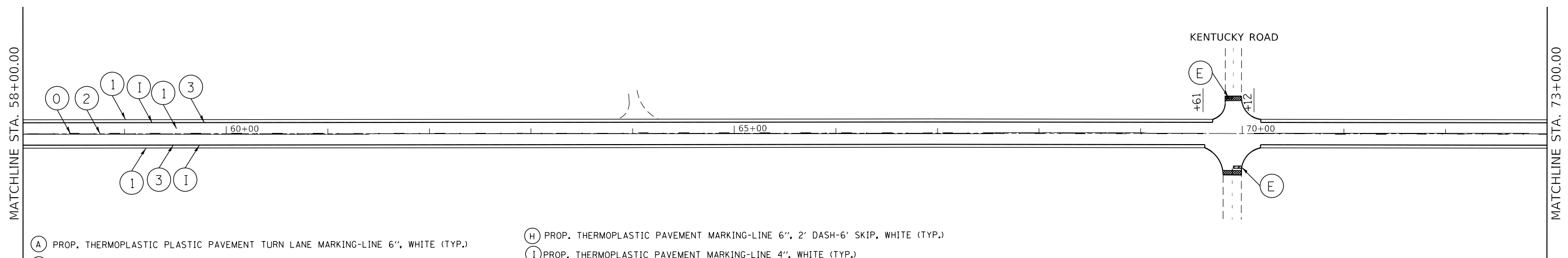
NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5' * = ADA RAMPS

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER) PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ② PROP. CENTERLINE RUMBLE STRIP, 16"
- ③ PROP. SHOULDER RUMBLE STRIP, 8"

IL. ROUTE 1
(DIXIE HIGHWAY)



- ① PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- ② PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- ③ PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- ④ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- ⑤ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- ⑥ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- ⑦ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)
- ⑧ PROP. THERMOPLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- ⑨ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- ⑩ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- ⑪ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- ⑫ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- ⑬ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- ⑭ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- ⑮ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- ⑯ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- ⑰ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5' * = ADA RAMPS

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OFFICE: 152420.CADDData\Design\152420-sh-eban1.dgn

USER NAME = qureshya	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL 1/394 (IL 1 TO WILL COUNTY LINE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-124-R5	WILL	73	21
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				

- ② PROP. CENTERLINE RUMBLE STRIP, 16"
- ③ PROP. SHOULDER RUMBLE STRIP, 8"

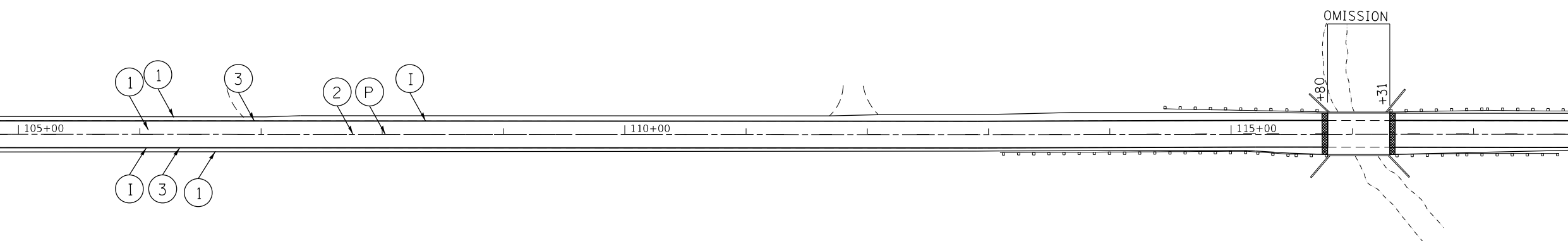
IL. ROUTE 1
(DIXIE HIGHWAY)

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2 "
PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"
PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2 "
PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2 "
PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"(PAID FOR UNDER 48203100 HMA SHOULDER)
PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"



MATCHLINE STA. 103+00.00

MATCHLINE STA. 118+00.00

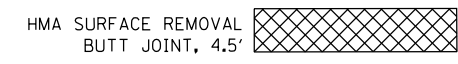


- Ⓐ PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)

- Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- Ⓘ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- Ⓚ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- Ⓛ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- Ⓝ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓞ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- Ⓟ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.



* = ADA RAMPS

- ② PROP. CENTERLINE RUMBLE STRIP, 16"
- ③ PROP. SHOULDER RUMBLE STRIP, 8"

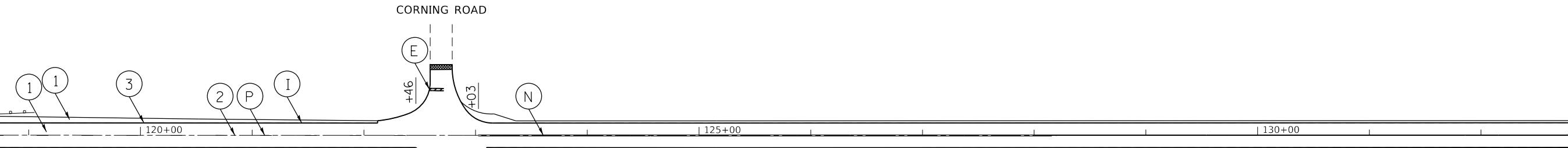
IL. ROUTE 1
(DIXIE HIGHWAY)

- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2 "
PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"(PAID FOR UNDER 48203100 HMA SHOULDER)
PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"



MATCHLINE STA. 118+00.00

MATCHLINE STA. 133+00.00



- Ⓐ PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- Ⓑ PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- Ⓒ PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- Ⓓ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- Ⓔ PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- Ⓕ PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓖ PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)

- Ⓗ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- Ⓘ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- Ⓝ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- Ⓚ PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- Ⓛ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- Ⓜ PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- Ⓝ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- Ⓞ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- Ⓟ PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.



* = ADA RAMPS

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OFFICE: IDOT
DATE: 1/19/2021

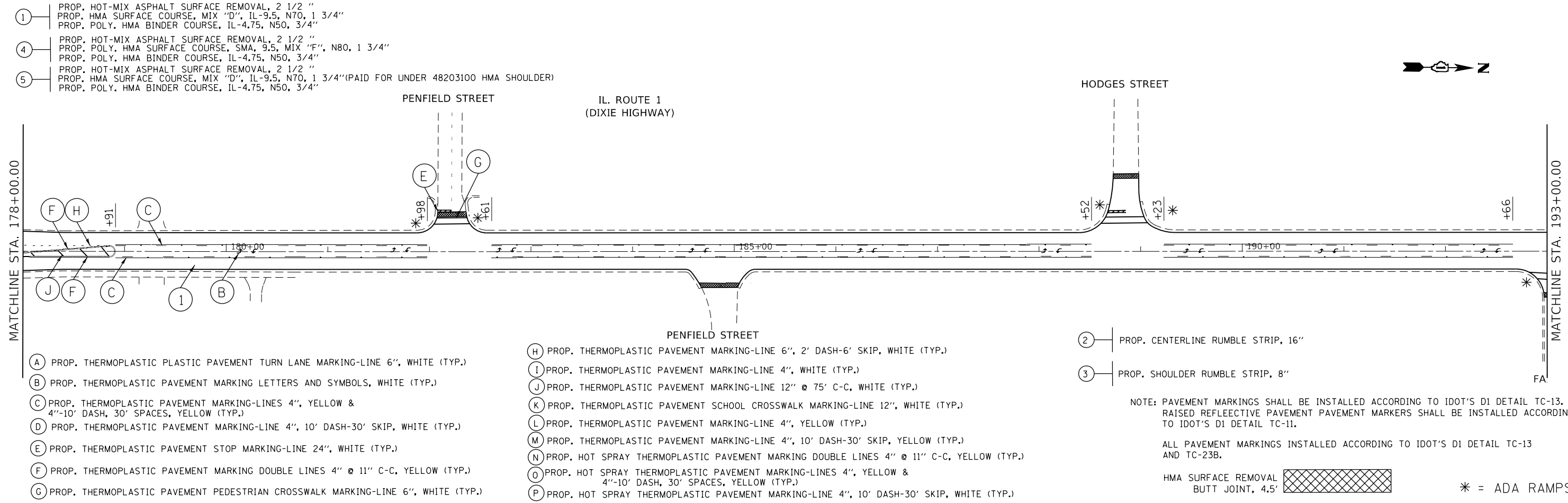
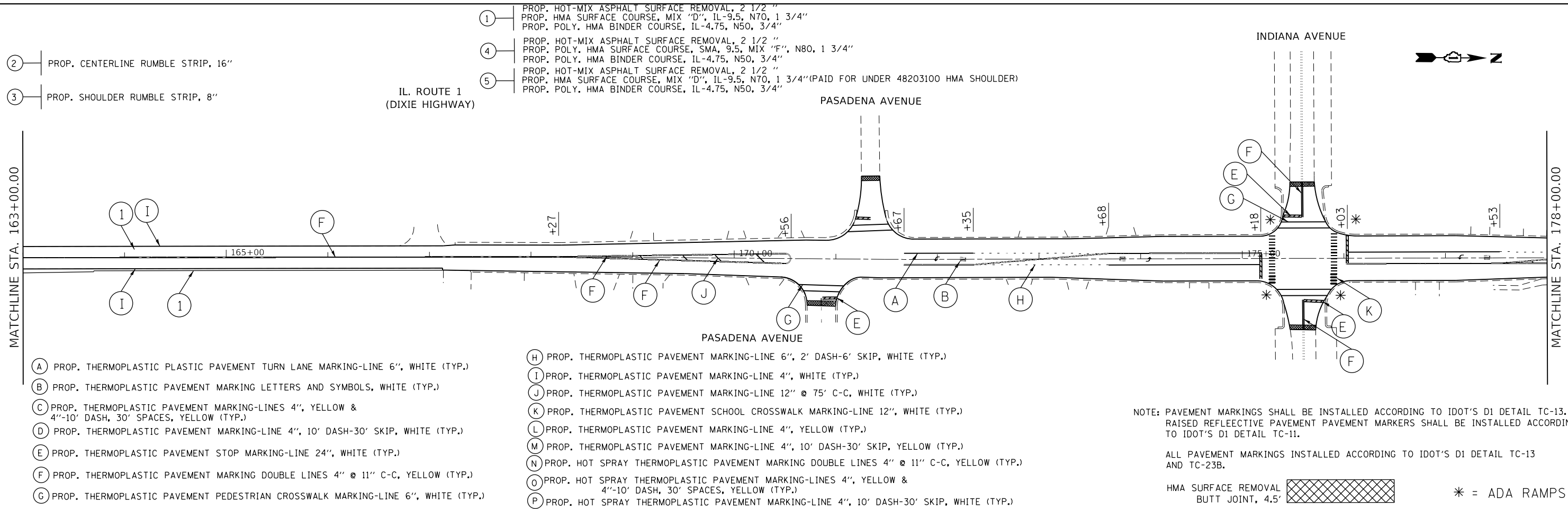
USER NAME = qureshya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/19/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
IL 1/394 (IL 1 TO WILL COUNTY LINE)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-124-R5	WILL	73	23
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				



- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"(PAID FOR UNDER 48203100 HMA SHOULDER) PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

- ② PROP. CENTERLINE RUMBLE STRIP, 16"
- ③ PROP. SHOULDER RUMBLE STRIP, 8"

- A PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- B PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- C PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- D PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- E PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- F PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- G PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)

- H PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- I PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- J PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- K PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- L PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- M PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- N PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- O PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- P PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5' * = ADA RAMPS

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4"(PAID FOR UNDER 48203100 HMA SHOULDER) PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"

- A PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- B PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- C PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- D PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- E PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- F PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- G PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)

- H PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- I PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- J PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- K PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- L PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- M PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- N PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- O PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- P PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)

- ② PROP. CENTERLINE RUMBLE STRIP, 16"
- ③ PROP. SHOULDER RUMBLE STRIP, 8"

NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5' * = ADA RAMPS

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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

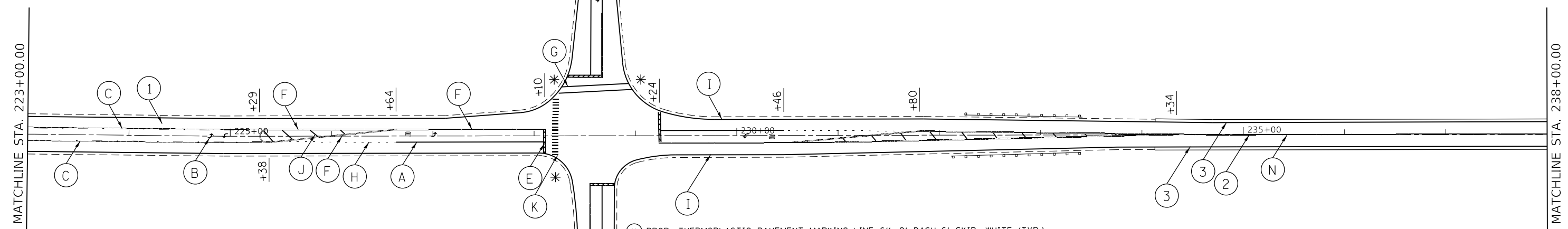
**EXISTING AND PROPOSED ROADWAY PLAN
IL 1/394 (IL 1 TO WILL COUNTY LINE)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-R5	WILL	73	25
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				

- ② PROP. CENTERLINE RUMBLE STRIP, 16"
- ③ PROP. SHOULDER RUMBLE STRIP, 8"

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER) PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"



- A PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- B PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- C PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
- D PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, WHITE (TYP.)
- E PROP. THERMOPLASTIC PAVEMENT STOP MARKING-LINE 24", WHITE (TYP.)
- F PROP. THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- G PROP. THERMOPLASTIC PAVEMENT PEDESTRIAN CROSSWALK MARKING-LINE 6", WHITE (TYP.)

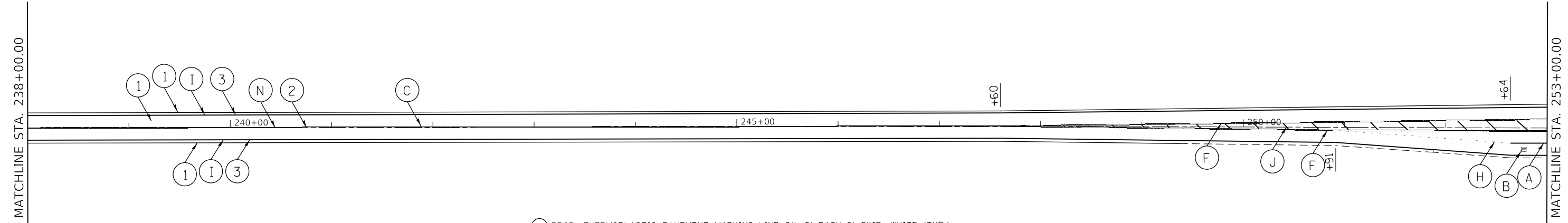
- H PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- I PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- J PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
- K PROP. THERMOPLASTIC PAVEMENT SCHOOL CROSSWALK MARKING-LINE 12", WHITE (TYP.)
- L PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- M PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- N PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
- O PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
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NOTE: PAVEMENT MARKINGS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13. RAISED REFLECTIVE PAVEMENT PAVEMENT MARKERS SHALL BE INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-11.

ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5' * = ADA RAMPS

- ① PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ② PROP. CENTERLINE RUMBLE STRIP, 16"
- ④ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. POLY. HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4" PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"
- ③ PROP. SHOULDER RUMBLE STRIP, 8"
- ⑤ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2" PROP. HMA SURFACE COURSE, MIX "D", IL-9.5, N70, 1 3/4" (PAID FOR UNDER 48203100 HMA SHOULDER) PROP. POLY. HMA BINDER COURSE, IL-4.75, N50, 3/4"



- A PROP. THERMOPLASTIC PLASTIC PAVEMENT TURN LANE MARKING-LINE 6", WHITE (TYP.)
- B PROP. THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE (TYP.)
- C PROP. THERMOPLASTIC PAVEMENT MARKING-LINES 4", YELLOW & 4"-10' DASH, 30' SPACES, YELLOW (TYP.)
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- L PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", YELLOW (TYP.)
- M PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", 10' DASH-30' SKIP, YELLOW (TYP.)
- N PROP. HOT SPRAY THERMOPLASTIC PAVEMENT MARKING DOUBLE LINES 4" @ 11" C-C, YELLOW (TYP.)
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ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5' * = ADA RAMPS

MODEL: Default FILE: Model_Plan.dwg PROJECT: 2020-124-R5 COUNTY: WILL SHEET NO. 73 OF 27 CONTRACT NO. 62M02

USER NAME = qureshya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 1/19/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
IL 1/394 (IL 1 TO WILL COUNTY LINE)**

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

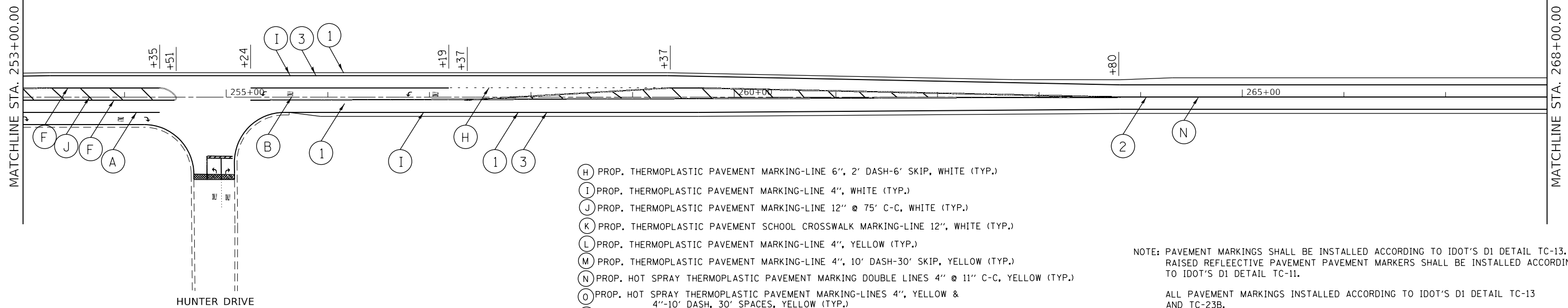
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-R5	WILL	73	27
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				

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IL. ROUTE 1
(DIXIE HIGHWAY)



- (H) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 6", 2' DASH-6' SKIP, WHITE (TYP.)
- (I) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 4", WHITE (TYP.)
- (J) PROP. THERMOPLASTIC PAVEMENT MARKING-LINE 12" @ 75' C-C, WHITE (TYP.)
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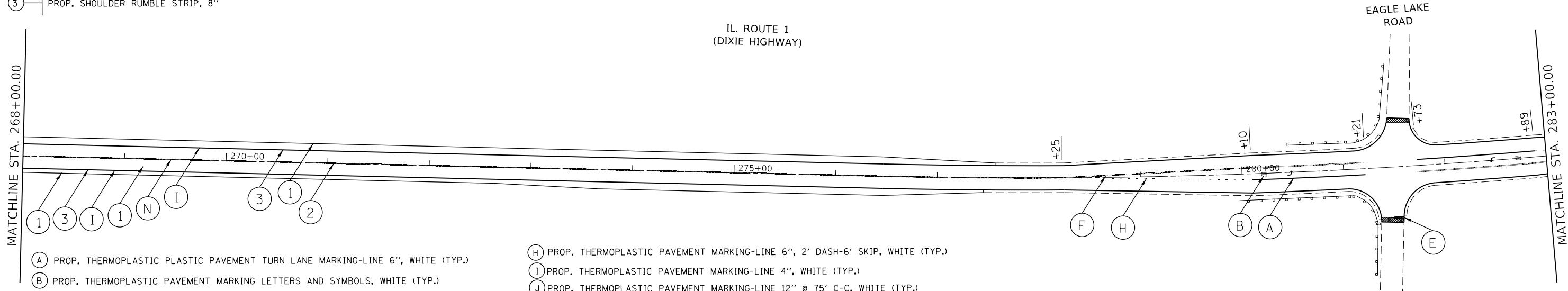
ALL PAVEMENT MARKINGS INSTALLED ACCORDING TO IDOT'S D1 DETAIL TC-13 AND TC-23B.

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

* = ADA RAMPS

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HMA SURFACE REMOVAL BUTT JOINT, 4.5'

* = ADA RAMPS

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USER NAME = qureshya	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 1/19/2021	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

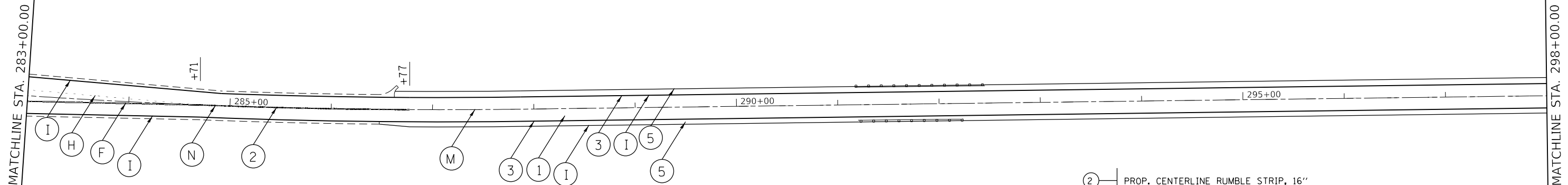
EXISTING AND PROPOSED ROADWAY PLAN
IL 1/394 (IL 1 TO WILL COUNTY LINE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-R5	WILL	73	28
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				

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IL. ROUTE 1
(DIXIE HIGHWAY)



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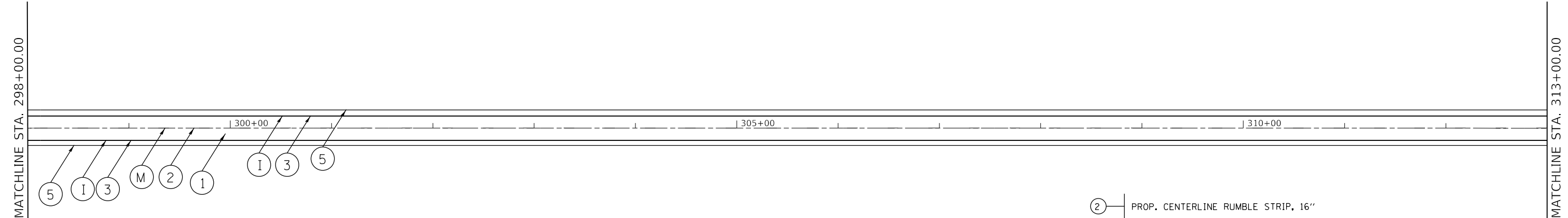
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HMA SURFACE REMOVAL BUTT JOINT, 4.5'

* = ADA RAMP

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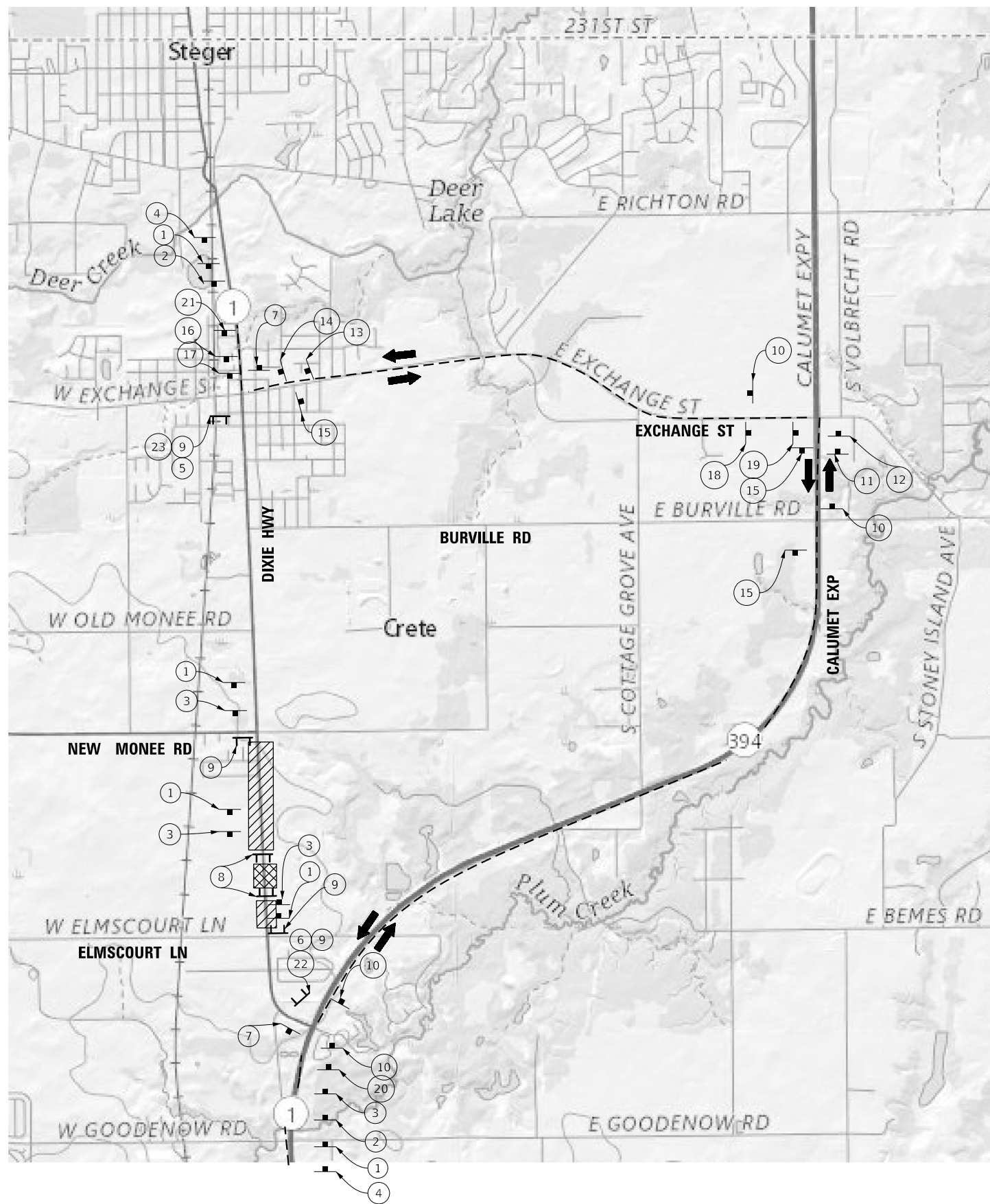
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	DRAWN -	REVISED -
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PLOT DATE = 1/19/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL 1/394 (IL 1 TO WILL COUNTY LINE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-124-R5	WILL	73	29
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				



LEGEND:

- TYPE III BARRICADES CONFORMING TO STD. 701901 WITH 2 FLASHING LIGHTS PER BARRICADE
- PARTIALLY CLOSED ROAD
- WORK ZONE
- DETOUR ROUTE
- TRAFFIC FLOW

TYPE A FLASHING LIGHT

ROAD CLOSED AHEAD
W20-3-4848 (1)

DETOUR AHEAD
W20-2-4848 (2)

ROAD CLOSED 500 FT
W20-3-4848 (3)

DETOUR
M4-10L-4818 (5)

DETOUR
M4-10R-4818 (6)

END DETOUR
M4-8A-2418 (7)

ROAD CLOSED TO THRU TRAFFIC
R11-4-6030 (9)

NORTH ILLINOIS 1 DETOUR ←
M3-3-2412 (11), M1-50-2424, M4-9-3024

NORTH ILLINOIS 1 DETOUR →
M3-3-2412 (13), M1-50-2424, M4-9-3024

SOUTH ILLINOIS 1 DETOUR ←
M3-1-2412 (15), M1-50-2424, M4-9-3024

SOUTH ILLINOIS 1 DETOUR →
M3-1-2412 (17), M1-50-2424, M4-9-3024

ROAD CLOSED 2 MILES
W20-3-4848 (21)

ROAD WILL BE CLOSED FROM MMM ## THRU MMM
66x48
NOTE: MIN. 6" BLACK UPPERCASE LETTERS ON ORANGE BACKGROUND.

IL RTE 1 CLOSED TO THRU TRAFFIC FOLLOW DETOUR
60x30 (4)

NORTH ILLINOIS 1 DETOUR
M3-3-2412 (10), M1-50-2424, M4-9-3024

NORTH ILLINOIS 1 DETOUR
M3-3-2412 (14), M1-50-2424, M4-9-3024

SOUTH ILLINOIS 1 DETOUR
M3-1-2412 (16), M1-50-2424, M4-9-3024

SOUTH ILLINOIS 1 DETOUR
M3-1-2412 (18), M1-50-2424, M4-9-3024

N OF ELMSCOURT LANE
60x12 (22)

S OF NEW MONEE RD
60x12 (23)

ADVISORY SIGNS: 6" BLACK LETTERING ON ORANGE BACKGROUND

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	DRAWN - LEG	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - JA / MMO	REVISED -
PLOT DATE = 11/20/2020	DATE - 11/20/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN
IL. ROUTE 1 (NORTH OF IL. ROUTE 394 TO BURVILLE ROAD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0876	SECTION 2020-124-R5	COUNTY WILL	TOTAL SHEETS 72	SHEET NO. 34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M02	

GENERAL NOTES

1. Reinforcement bars designated (E) shall be epoxy coated.
2. The Contractor shall use early high strength concrete that reaches 3,500 psi strength within 24 hours.
3. The allowed duration of road closure is seven days.

INDEX OF SHEETS

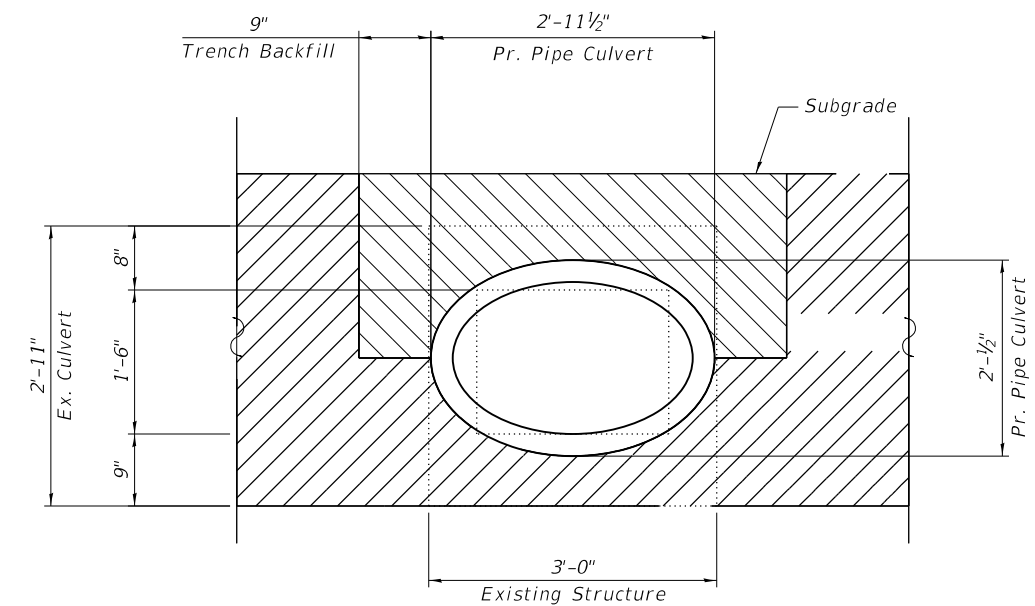
- S1. General Plan & Elevation
- S2. General Notes, Index, Bill of Material
- S3. Wingwall Details
- S4. Soil Boring Logs

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Trench Backfill	12	Cu Yd
Aggregate Subgrade Improvement	59	Sq Yd
Class D Patches, Type IV, 12 Inch	59	Sq Yd
Pipe Culverts, Class A, Type 3 Equivalent Round-Size 24"	50	Foot
Removal of Existing Structures	1	Each
Structure Excavation	115	Cu Yd
Removal and Disposal of Unsuitable Material for Structures	10	Cu Yd
Reinforcement Bars	1,600	Pound
Reinforcement Bars, Epoxy coated	170	Pound
Concrete Structures (Retaining Wall)	19	Cu Yd
Granular Backfill for Structures	19	Cu Yd
Porous Granular Embankment	10	Cu Yd

GUARDRAIL SCHEDULE

Pay Item	Description	Unit	Quantity	Start STA	End STA	LT/RT
63100167	Traffic Barrier Terminal, Type 1 (Special) Tangent	Each	4	59+53.23	60+03.23	RT
				62+18.85	62+68.85	RT
				62+72.50	62+22.50	LT
				60+10.00	60+60.00	LT
63000055	Weak Post Guardrail Attached to Culvert, Case VI	Foot	28	61+03.23	61+31.35	RT
63000003	Steel Plate Beam Guardrail, Type A, 9' Posts	Foot	350	60+03.23	61+03.23	RT
				61+31.35	62+18.85	RT
				60+60.00	62+22.50	LT



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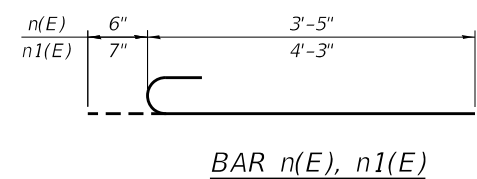
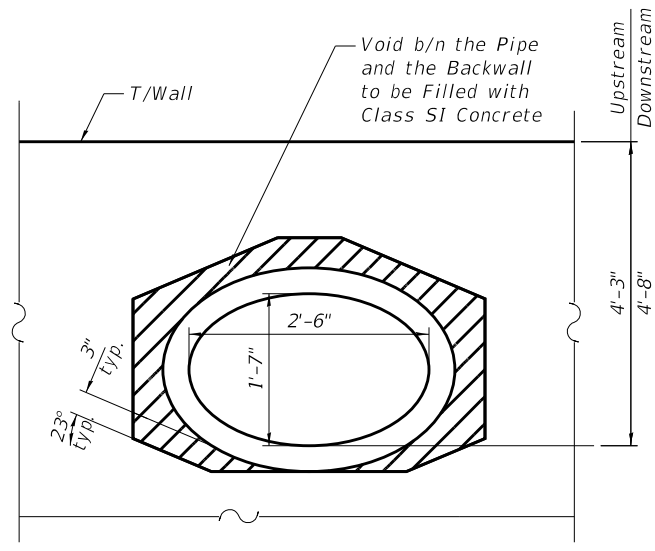
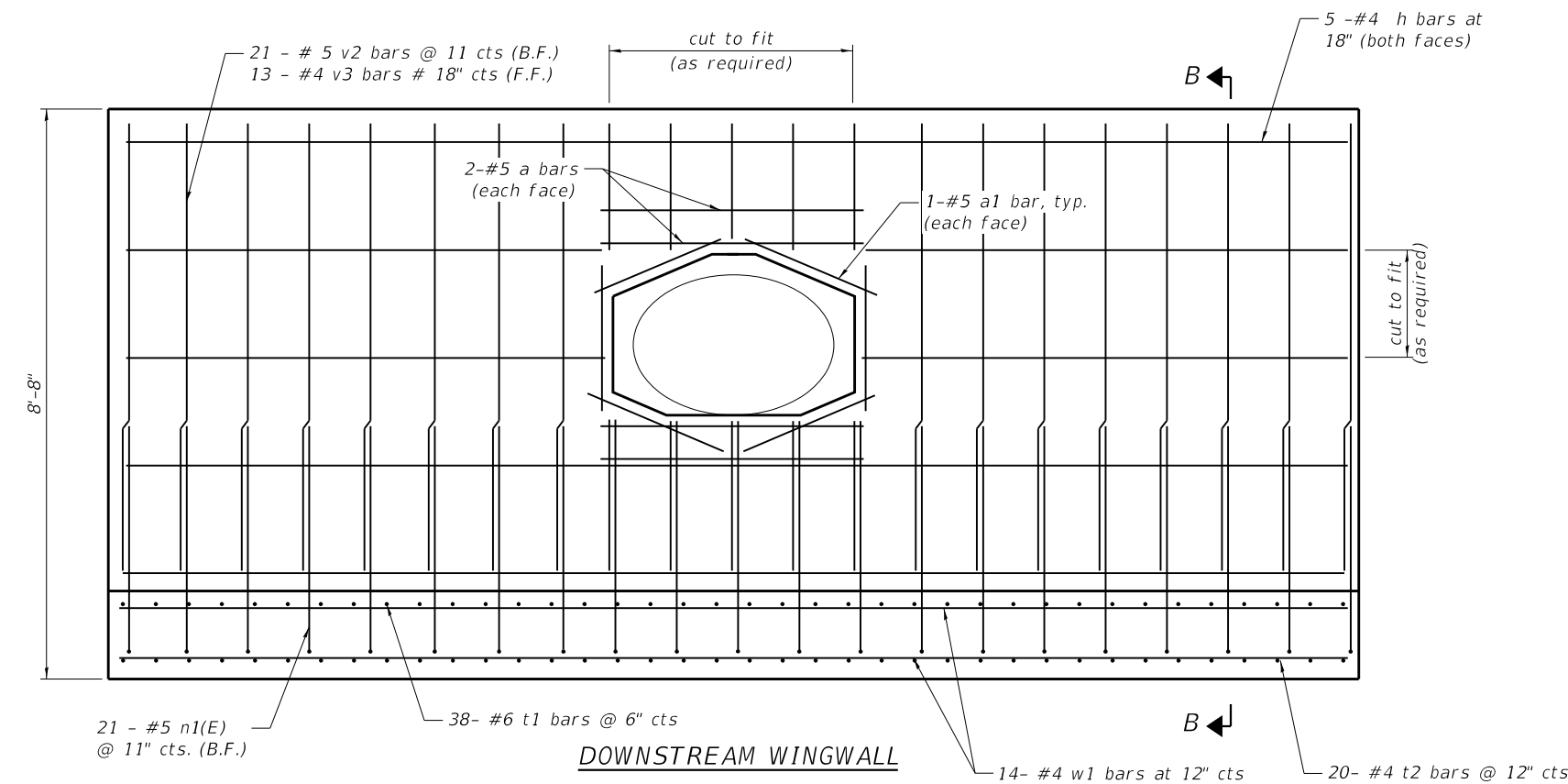
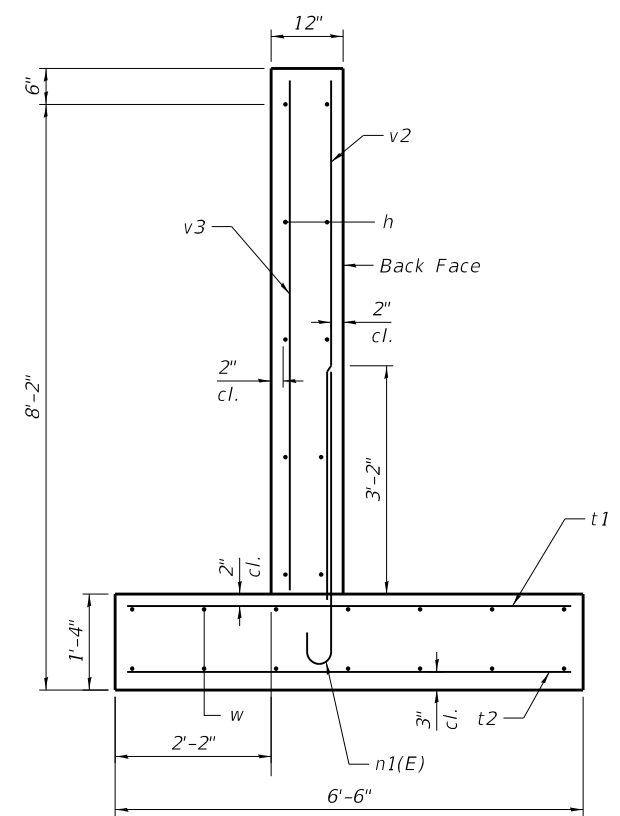
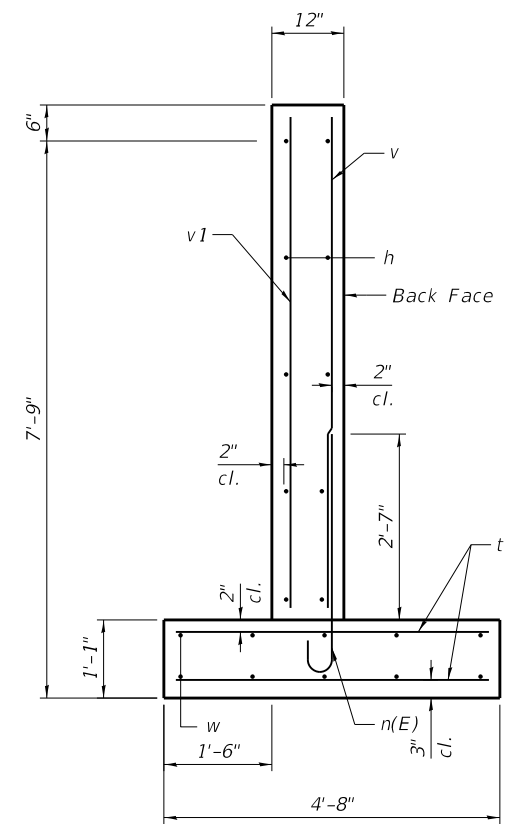
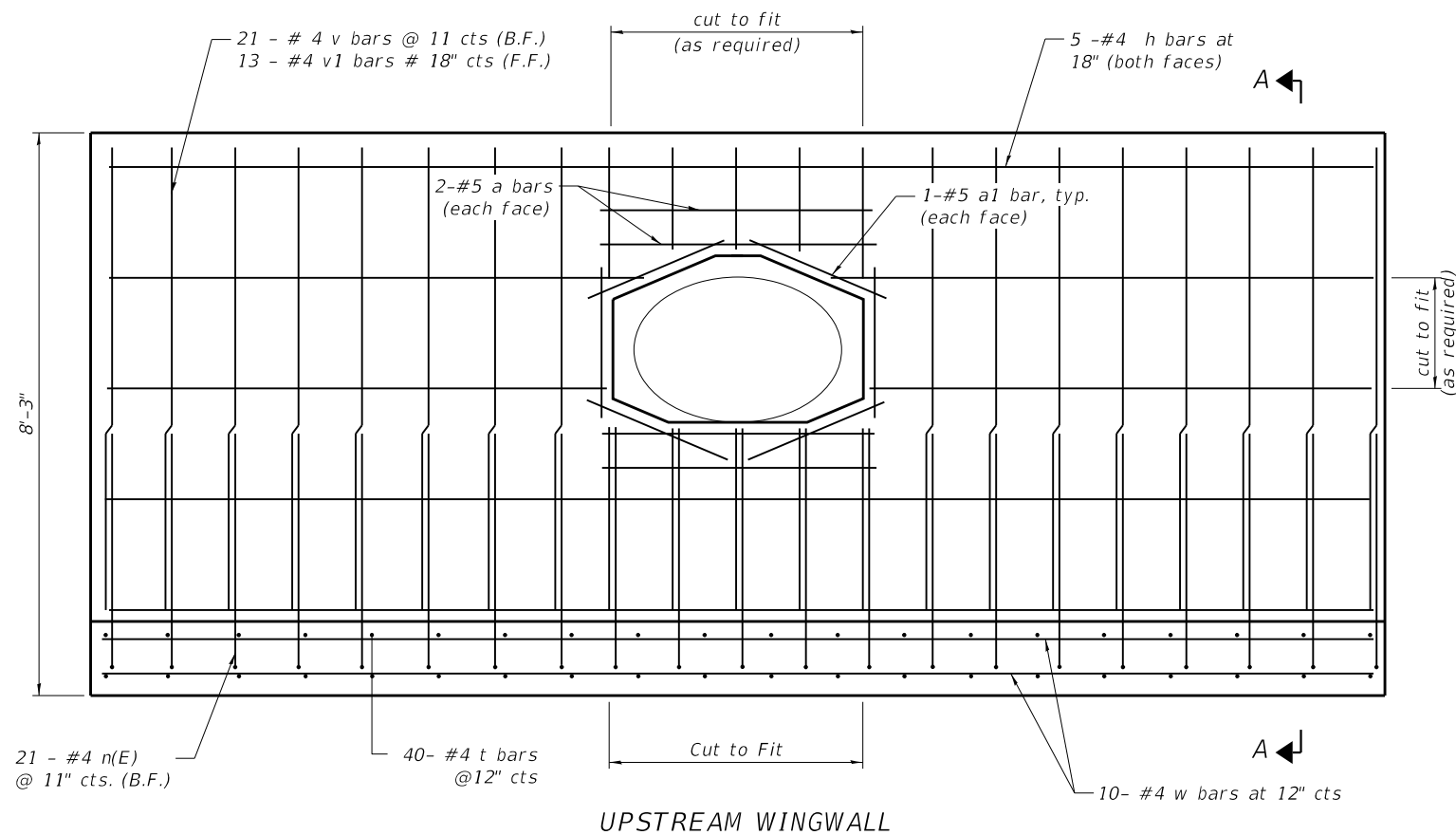
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, INDEX, BILL OF MATERIALS
 CULVERT AT STA 61+17**

SHEET S2 OF S4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0876	2020-124-RS	WILL	73	36
			CONTRACT NO. 62M02	
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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 12/9/2020 12:52:17 PM



BILL OF MATERIAL

Bar	No.	Size	Length	Shape	
a	16	#5	4'-1"	—	
a1	24	#5	2'-2"	—	
h	20	#4	18'-8"	—	
v	21	#4	6'-9"	—	
v1	13	#4	6'-9"	—	
v2	21	#5	6'-11"	—	
v3	13	#4	6'-11"	—	
n(E)	21	#4	3'-11"	U	
n1(E)	21	#5	4'-10"	U	
t	40	#4	4'-5"	—	
t1	38	#6	6'-3"	—	
t2	20	#4	6'-3"	—	
w	10	#4	18'-7"	—	
w1	14	#4	18'-7"	—	
Concrete Structures (Retaining Wall)				Cu Yd	19
Reinforcement Bars				Pound	1,600
Reinforcement Bars, Epoxy Coated				Pound	170

B.F. - Back Face
 F.F. - Front Face



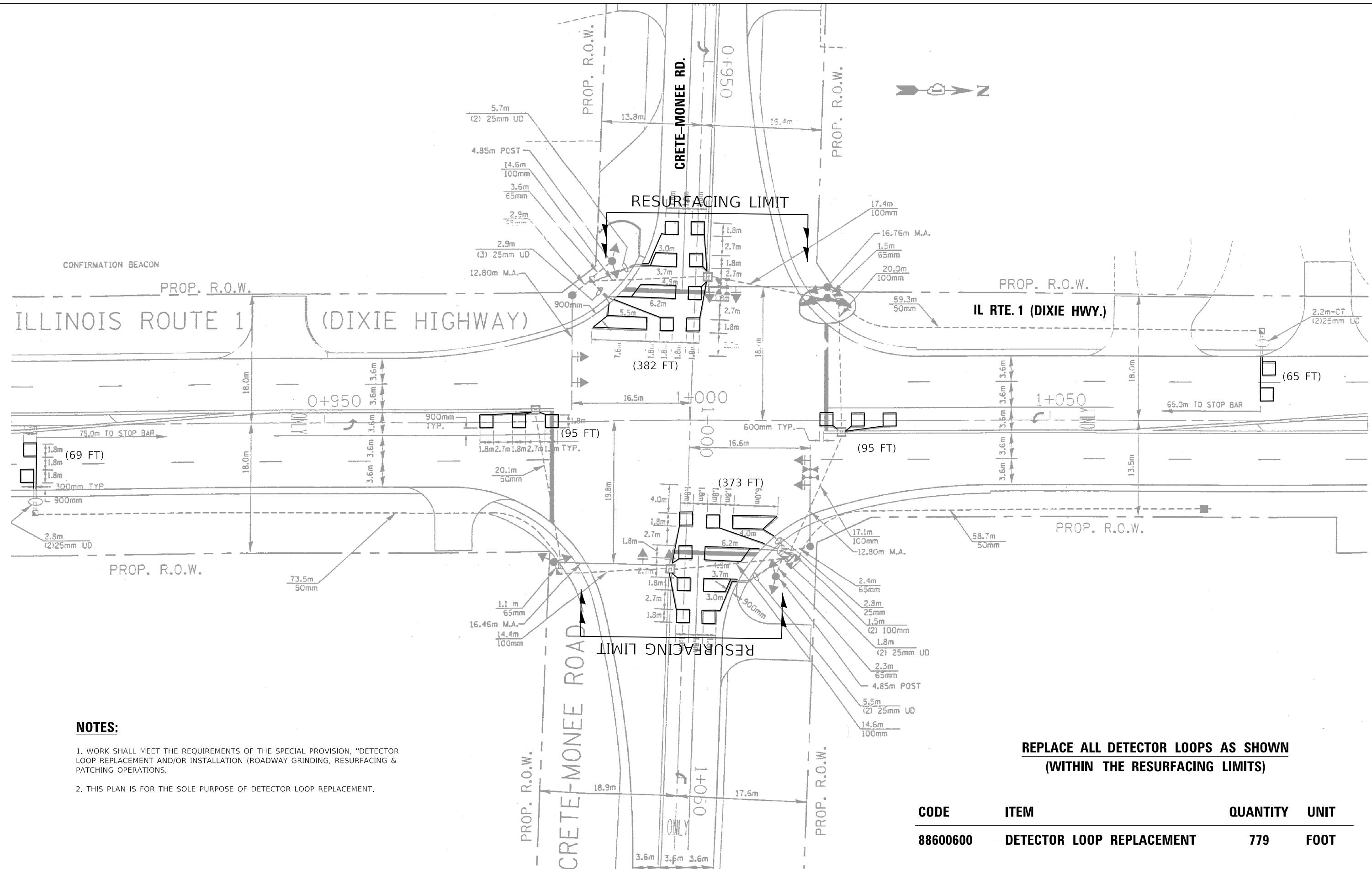
USER NAME =	wmohammed	DESIGNED -	AWM	REVISED -	
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PLOT DATE =	12/9/2020	DRAWN -	AIM	REVISED -	
		CHECKED -	DZ	REVISED -	

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WINGWALL DETAILS
 CULVERT AT STA 61+17

SHEET S3 OF S4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0876	2020-124-RS	WILL	73	37
			CONTRACT NO. 62M02	
		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	779	FOOT

MODEL: D:\dtp\...
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	DRAWN - CJ	REVISED -
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PLOT DATE = 9/22/2020	DATE - 09/10/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 1 (DIXIE HWY.) AT CRETE-MONEE RD.**

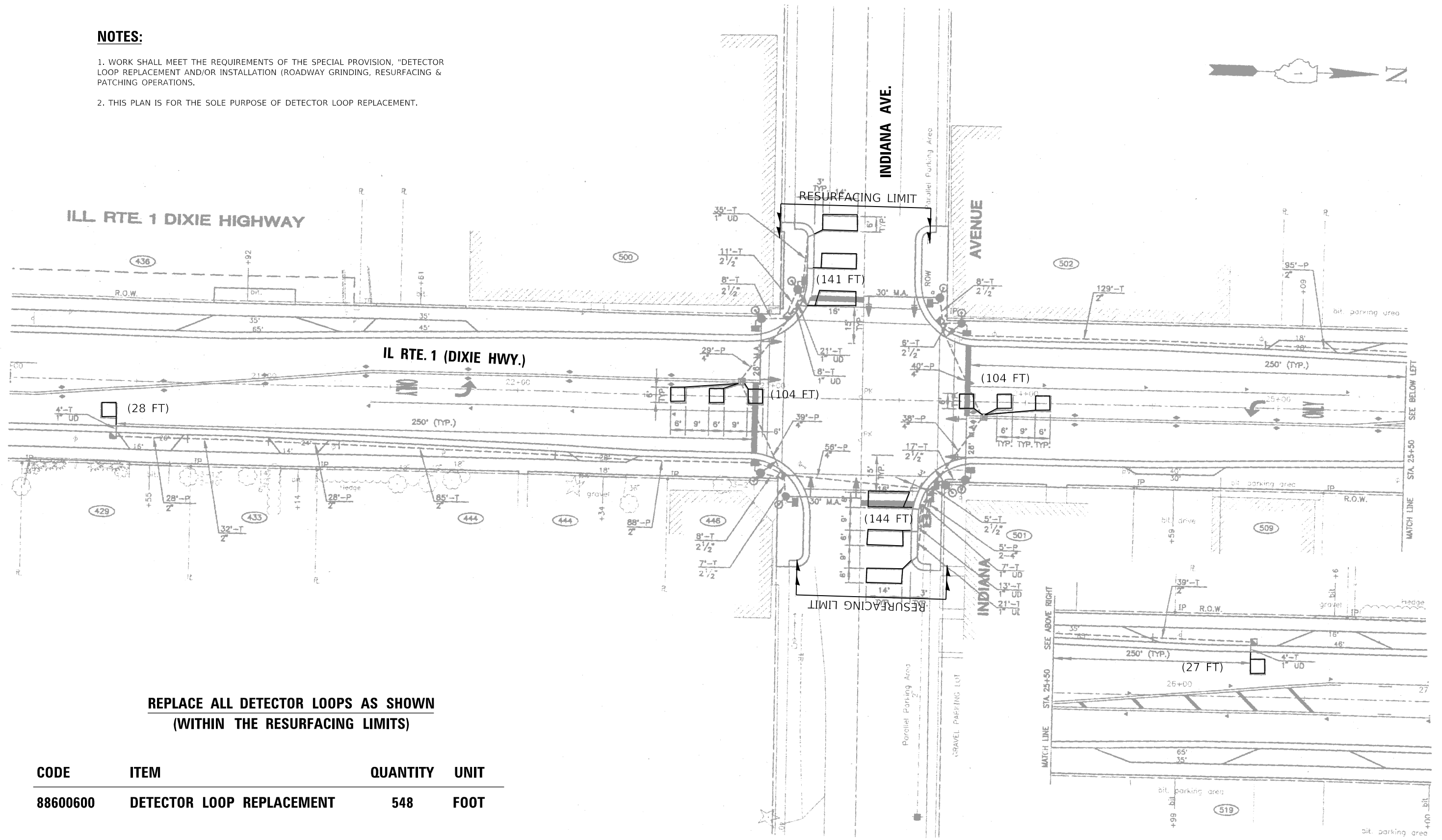
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F.A.P. RTE. 332	SECTION 2020-124-R5	COUNTY WILL	TOTAL SHEETS 73	SHEET NO. 39
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M02	

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	548	FOOT

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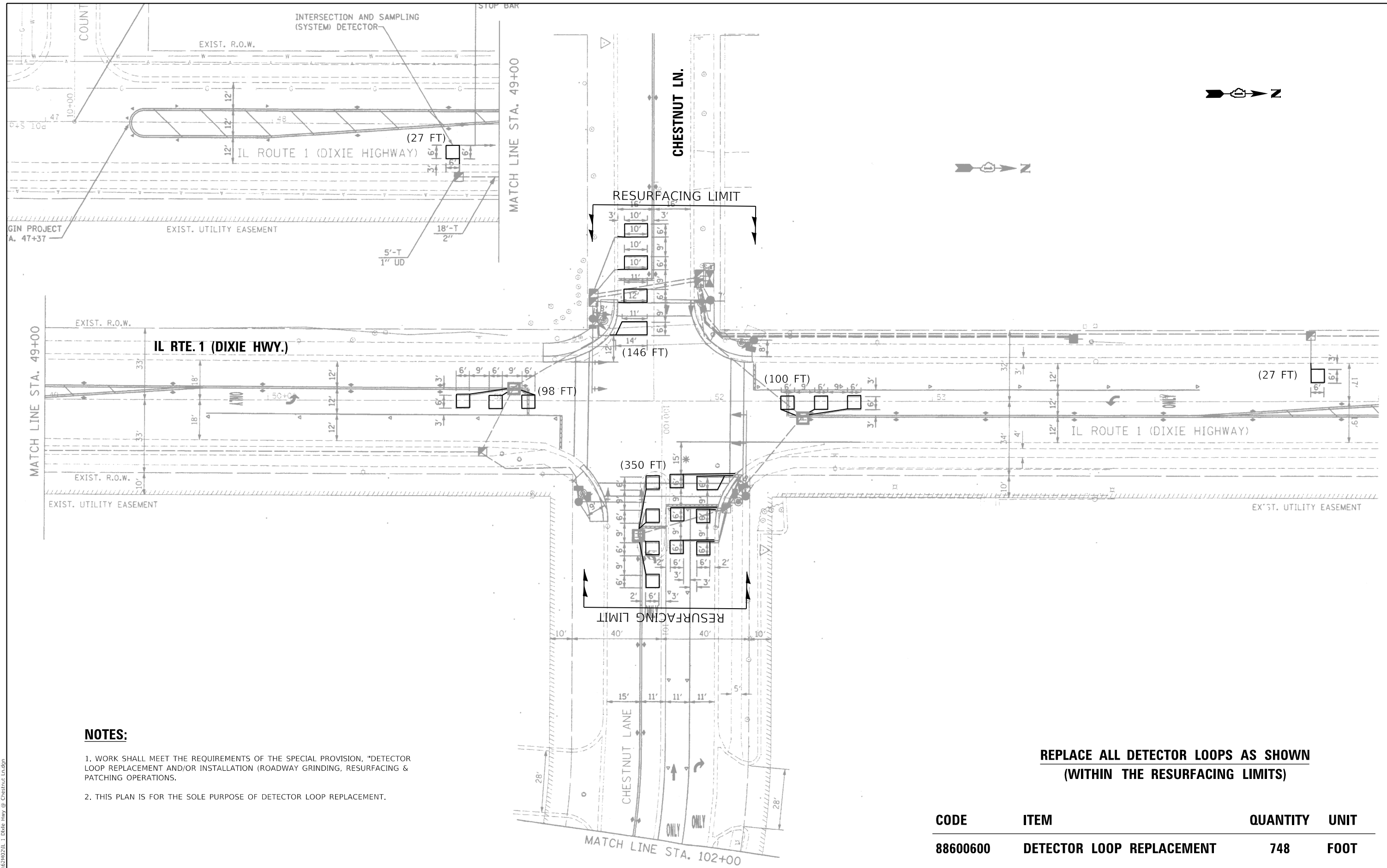
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	DRAWN - CJ	REVISED -
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PLOT DATE = 9/22/2020	DATE - 09/10/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
ILL RTE. 1 (DIXIE HWY.) AT INDIANA AVE.**

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 332	SECTION 2020-124-R5	COUNTY WILL	TOTAL SHEETS 73	SHEET NO. 40
			CONTRACT NO. 62M02	
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	748	FOOT

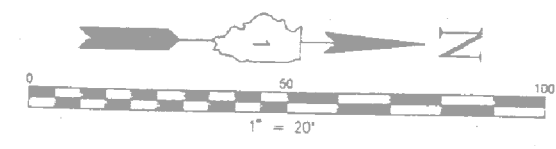
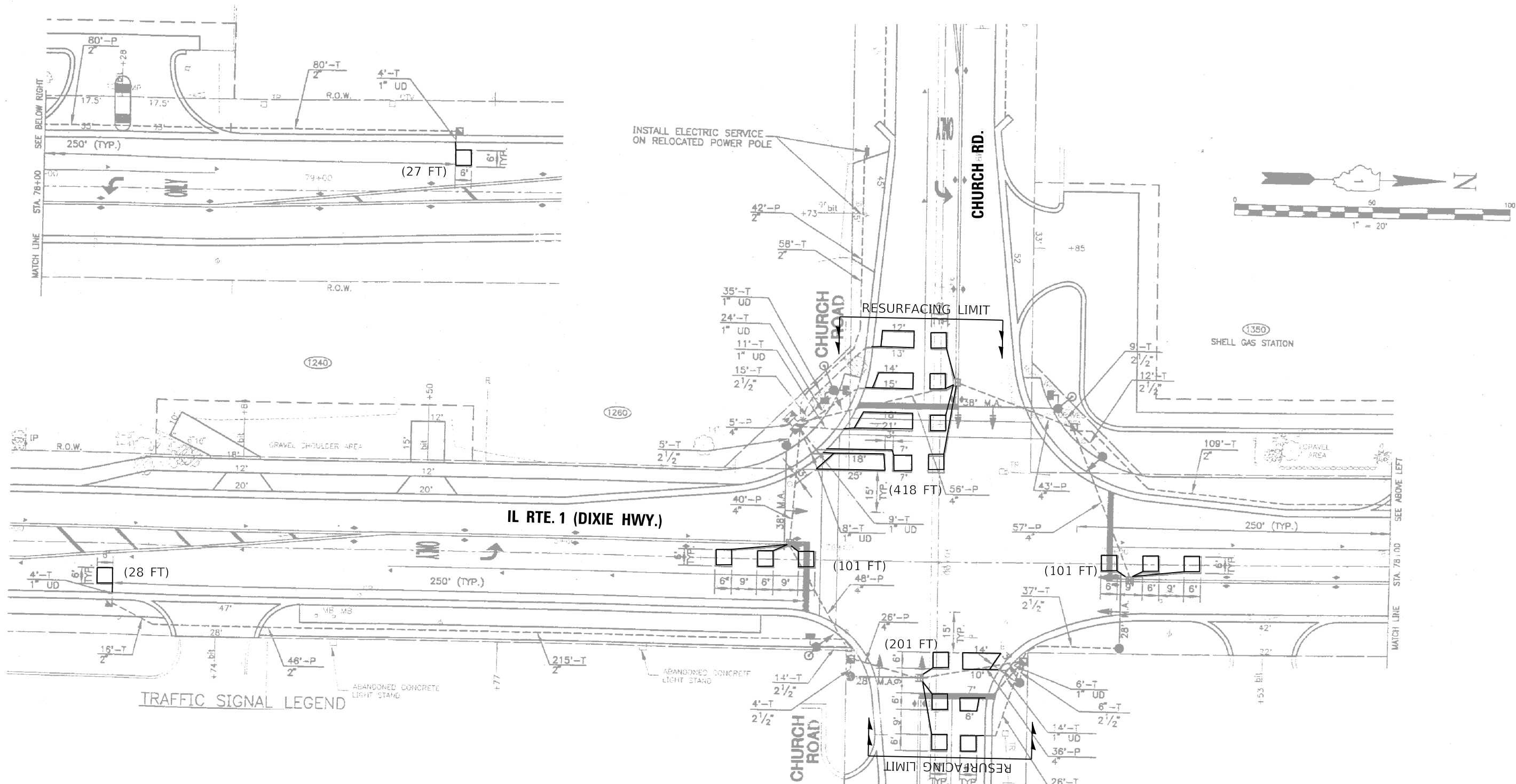
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 I. Dixie Hwy @ Chestnut Ln.dgn

USER NAME = jiangc	DESIGNED - CJ	REVISED -
	DRAWN - CJ	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - LP	REVISED -
PLOT DATE = 9/21/2020	DATE - 09/10/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN IL RTE. 1 (DIXIE HWY.) AT CHESTNUT LN.			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 332	SECTION 2020-124-R5	COUNTY WILL	TOTAL SHEETS 73	SHEET NO. 41
			CONTRACT NO. 62M02	
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	876	FOOT

USER NAME = jiangc	DESIGNED - CJ	REVISED -
PLOT SCALE = 40,0000' / in.	DRAWN - CJ	REVISED -
PLOT DATE = 9/21/2020	CHECKED - LP	REVISED -
	DATE - 09/10/2020	REVISED -

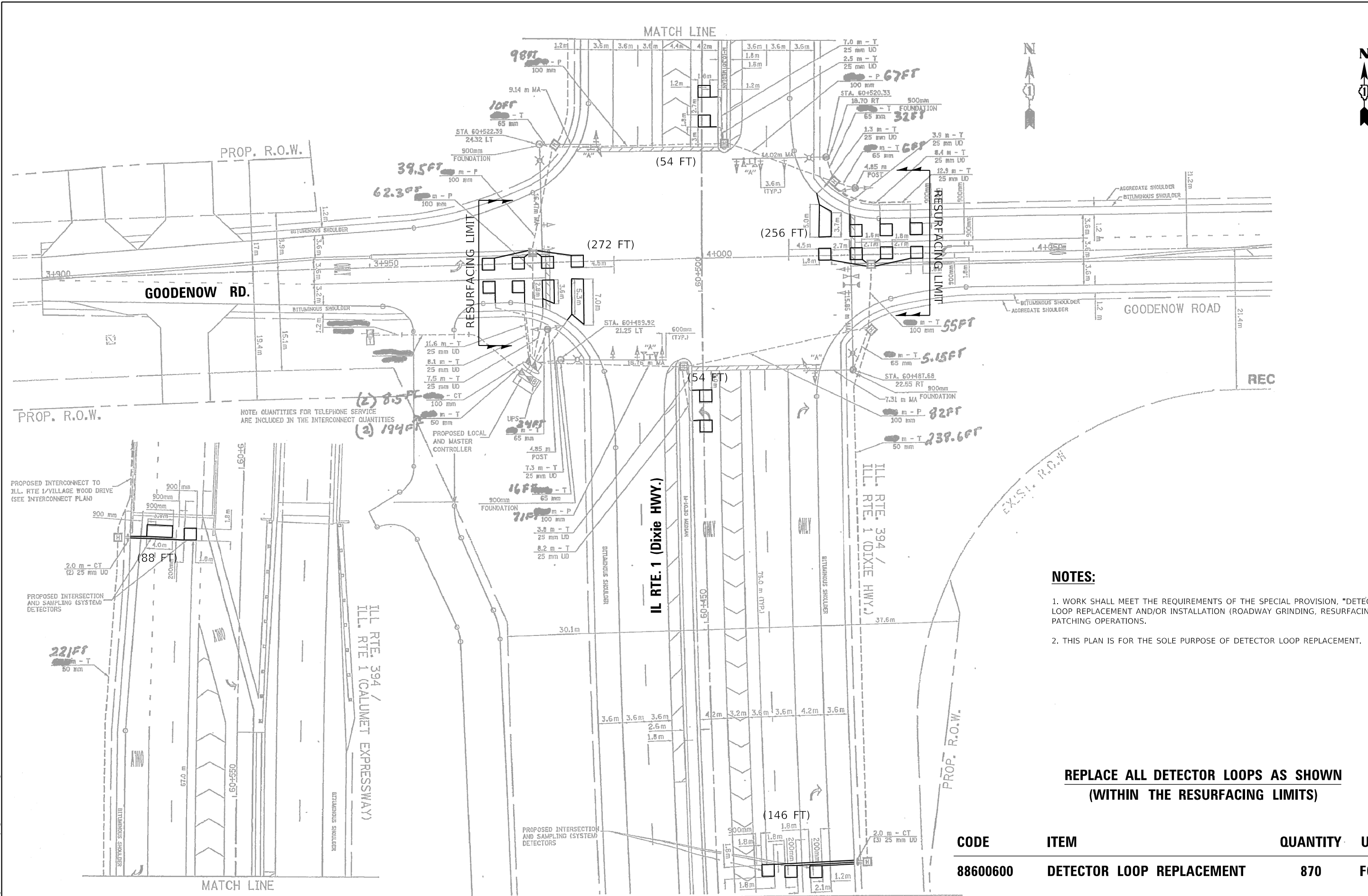
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 1 (DIXIE HWY.) AT CHURCH RD.**

F.A.P. RTE. 332	SECTION 2020-124-R5	COUNTY WILL	TOTAL SHEETS 73	SHEET NO. 42
CONTRACT NO. 62M02			ILLINOIS FED. AID PROJECT	

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SCALE: 1"=20' SHEET 11 OF SHEETS STA. TO STA.



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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	870	FOOT

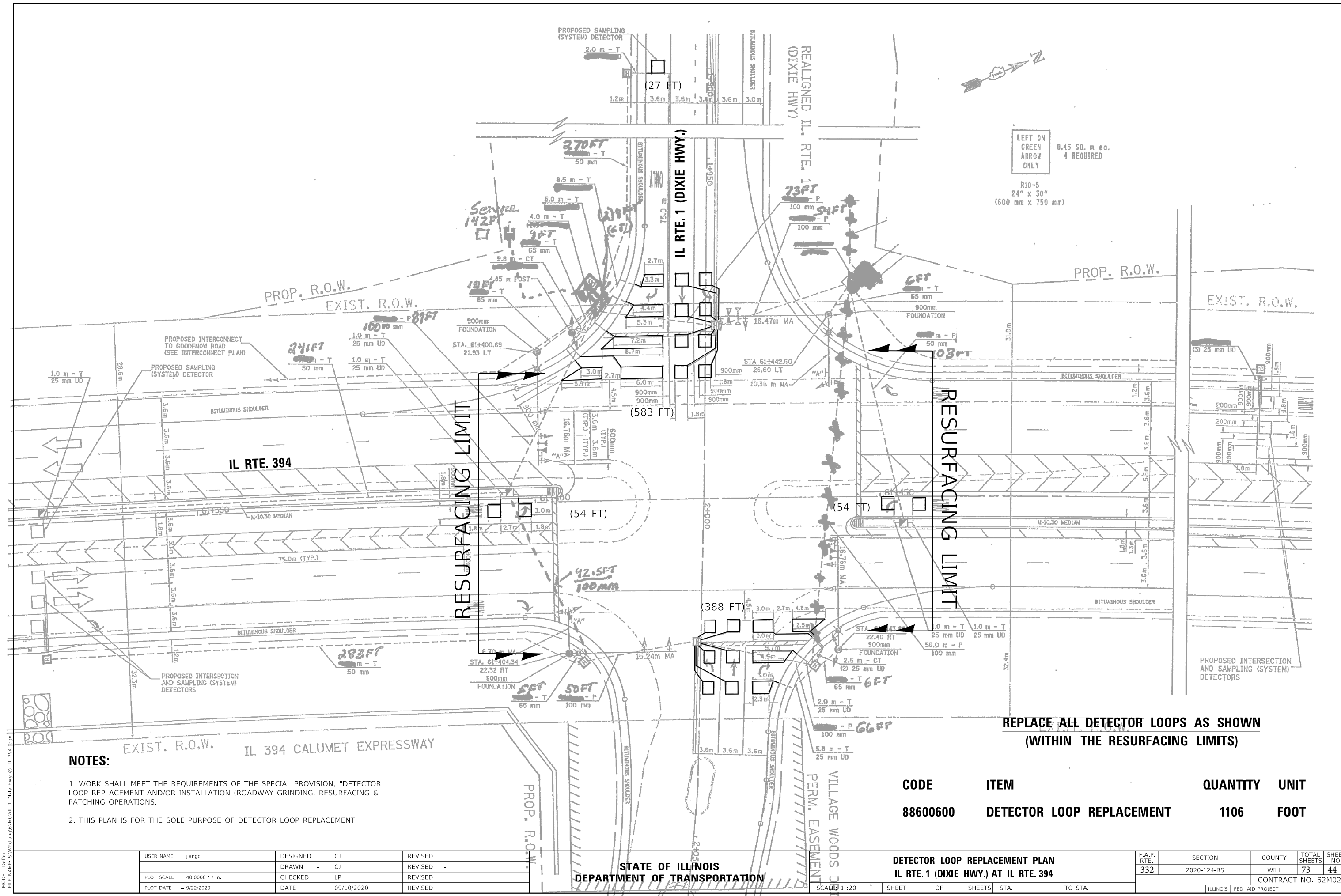
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PLOT DATE = 9/21/2020	CHECKED - LP	REVISED -
	DATE - 09/10/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL RTE. 1 (Dixie HWY.) AT GOODENOW RD.			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. 332	SECTION 2020-124-R5	COUNTY WILL	TOTAL SHEETS 73	SHEET NO. 43
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				



LEFT ON GREEN ARROW ONLY
 0.45 SQ. m ea.
 4 REQUIRED
 R10-5
 24" x 30"
 (600 mm x 750 mm)

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

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	1106	FOOT

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PLOT DATE = 9/22/2020	CHECKED - LP	REVISED -
	DATE - 09/10/2020	REVISED -

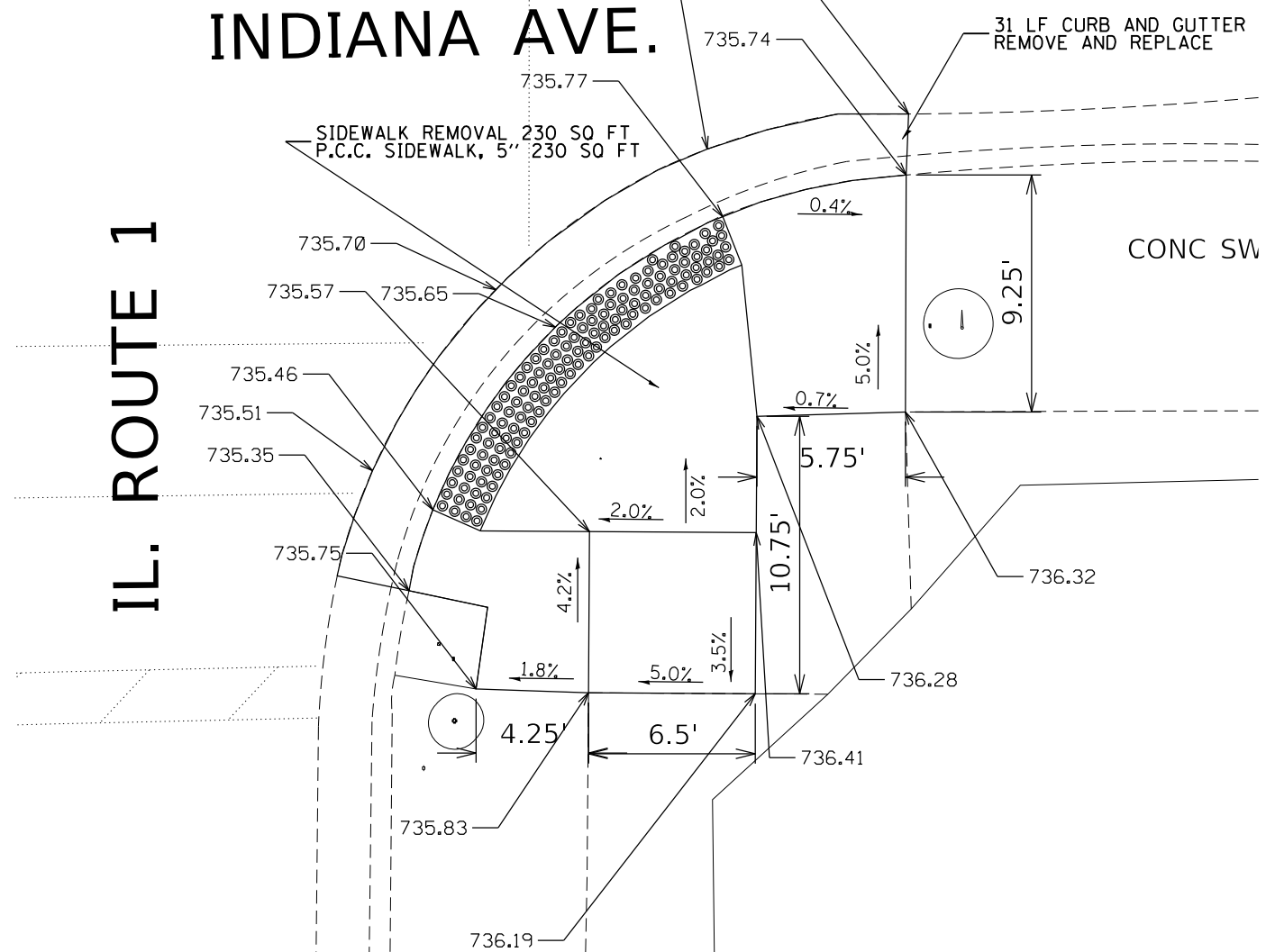
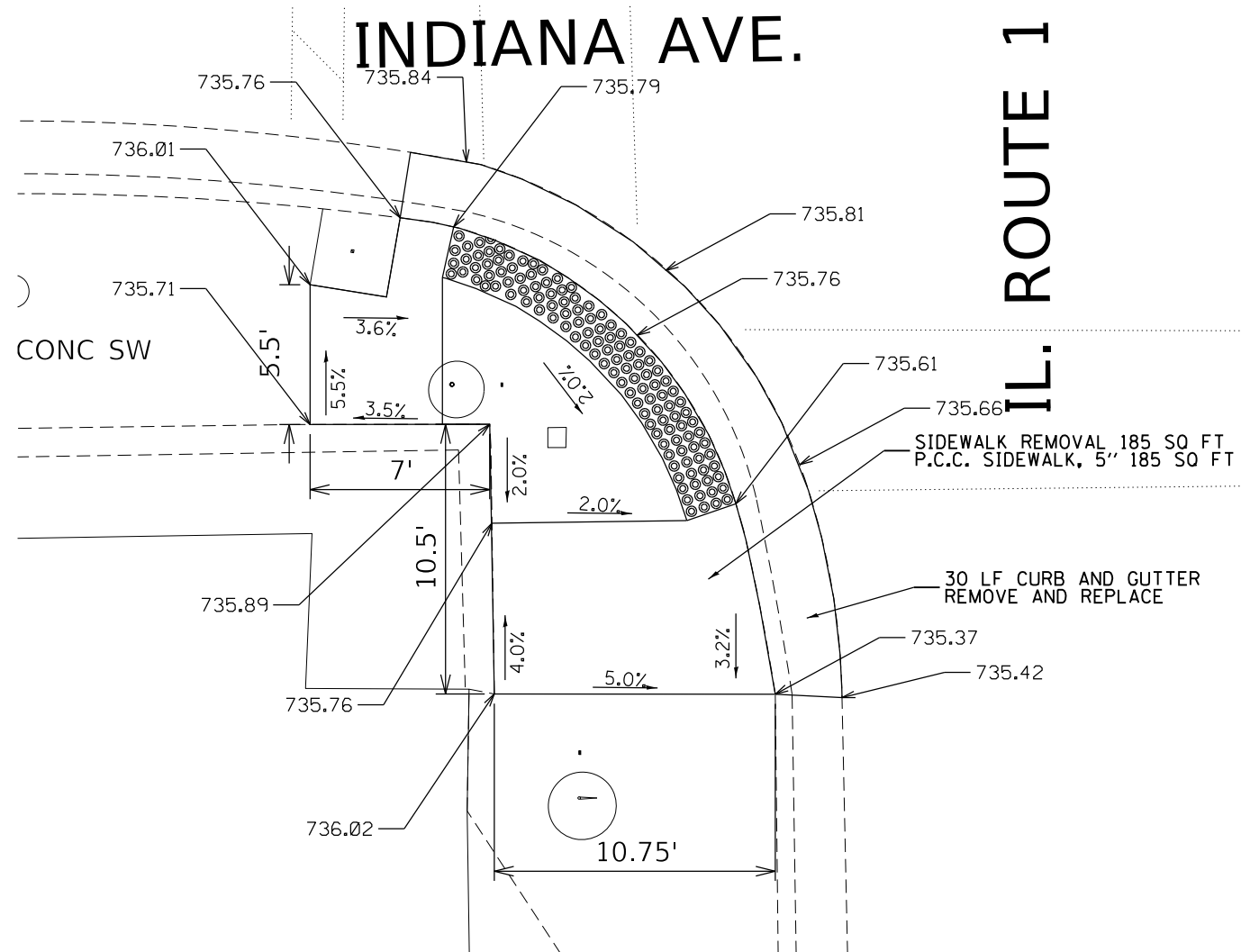
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DETECTOR LOOP REPLACEMENT PLAN
 IL RTE. 1 (DIXIE HWY.) AT IL RTE. 394

F.A.P. RTE. 332	SECTION 2020-124-R5	COUNTY WILL	TOTAL SHEETS 73	SHEET NO. 44
CONTRACT NO. 62M02			ILLINOIS FED. AID PROJECT	

SCALE: 1"=20' SHEET OF SHEETS STA. TO STA.

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REFERENCE BENCH MARK ELEV 737.437
 BENCHMARK : CUT SQUARE IN SE CORNER OF T.S. CONTROL BOX
 LOCATION : BASE AT NE OF ILL 394 AND INDIANA AVE.

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCH MARK ELEV 737.437
 BENCHMARK : CUT SQUARE IN SE CORNER OF T.S. CONTROL BOX
 LOCATION : BASE AT NE OF ILL 394 AND INDIANA AVE.

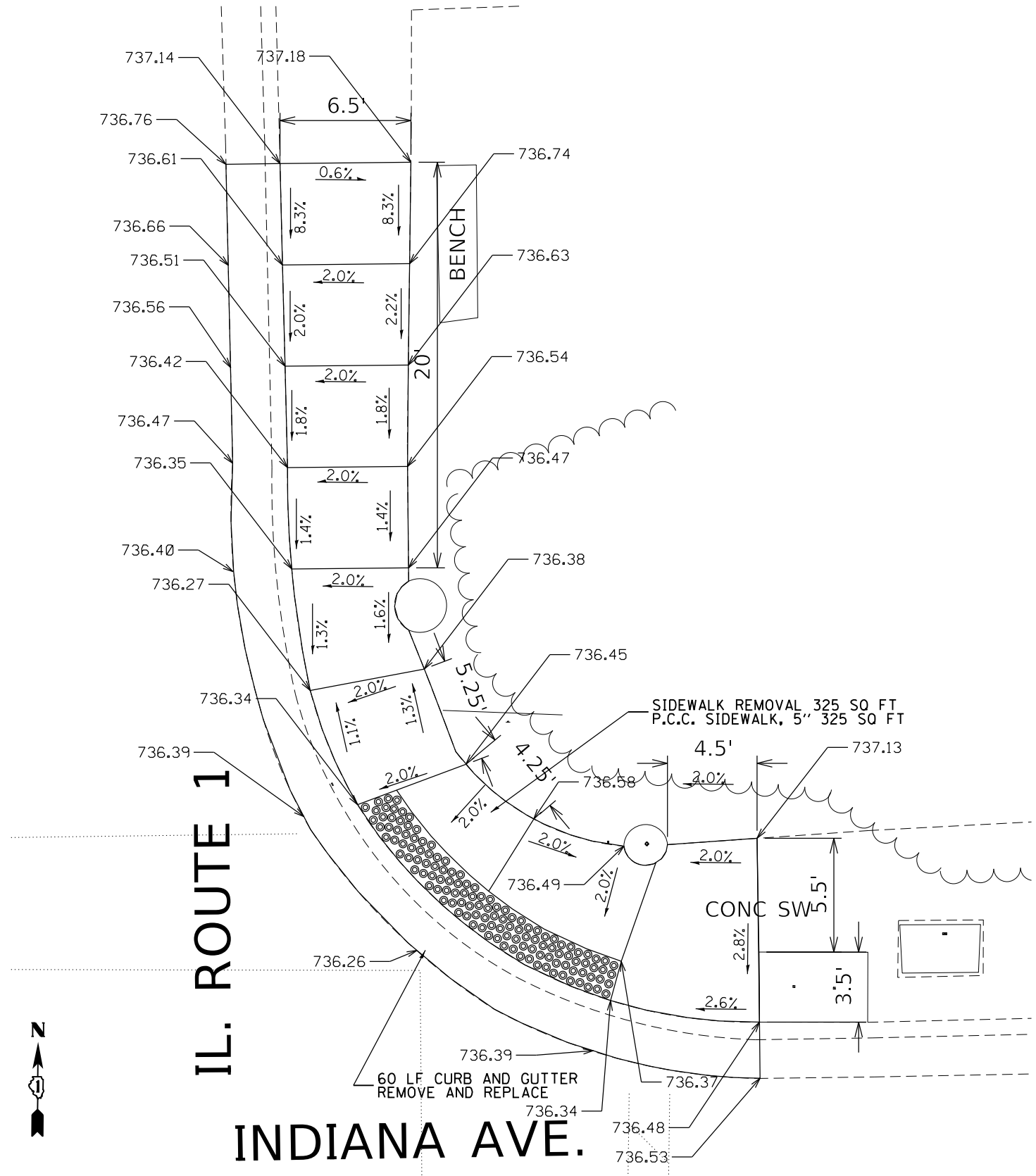
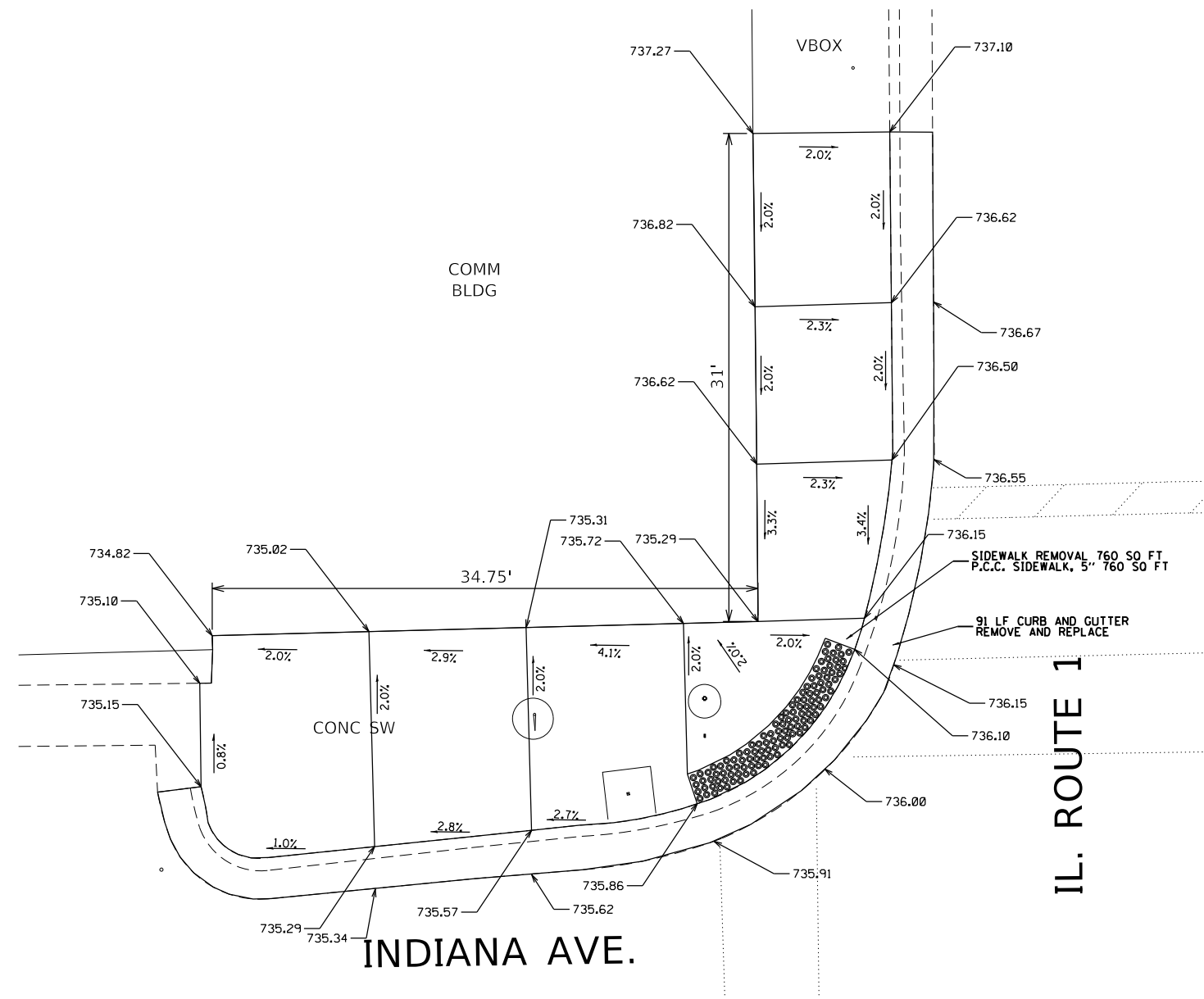
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	PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS (ILL 394 & INDIANA AVE.)
 SW & SE CORNERS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	2020-124-RS	WILL	73	45
CONTRACT NO. 62M02				
ILLINOIS FED. AID PROJECT				

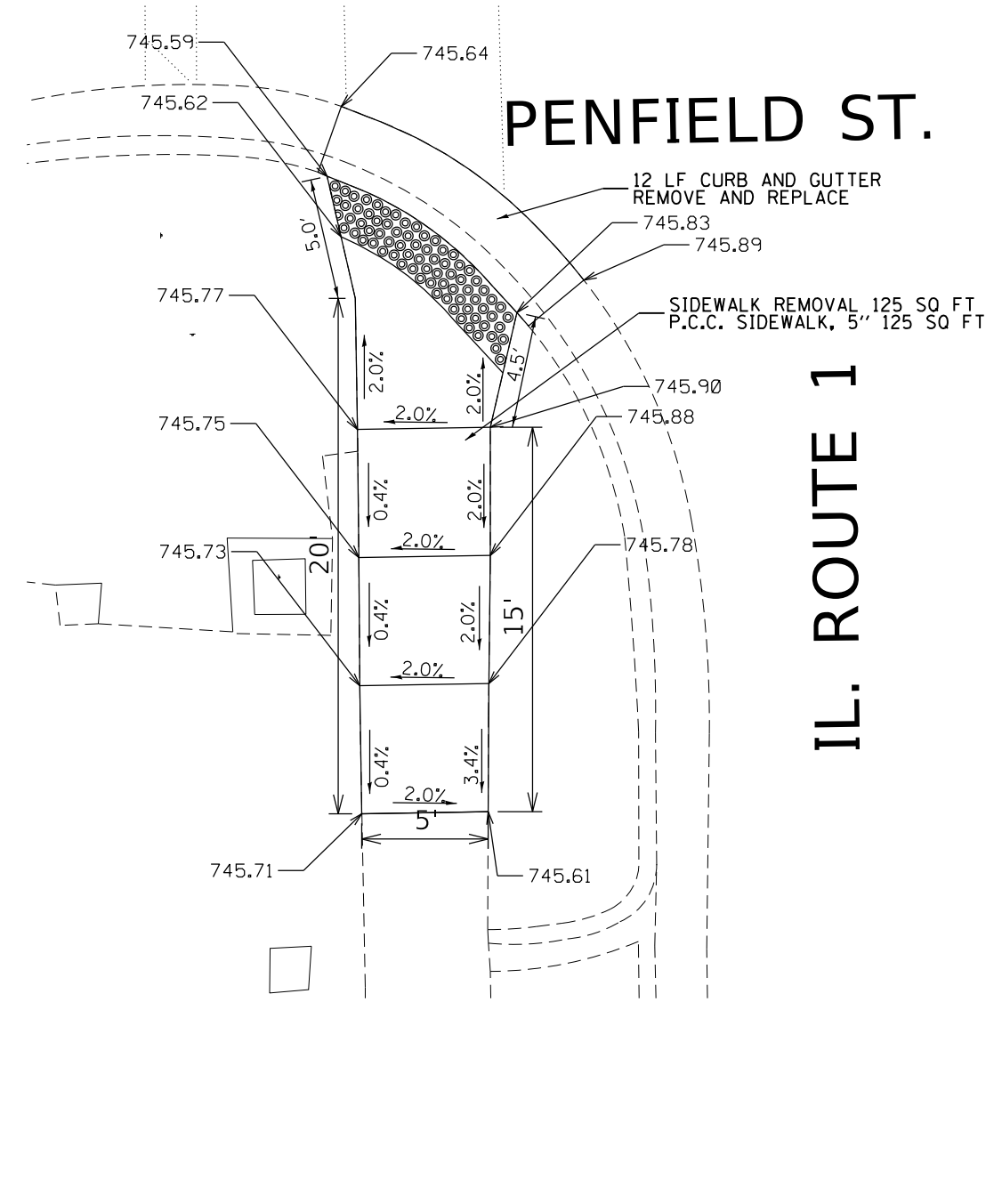
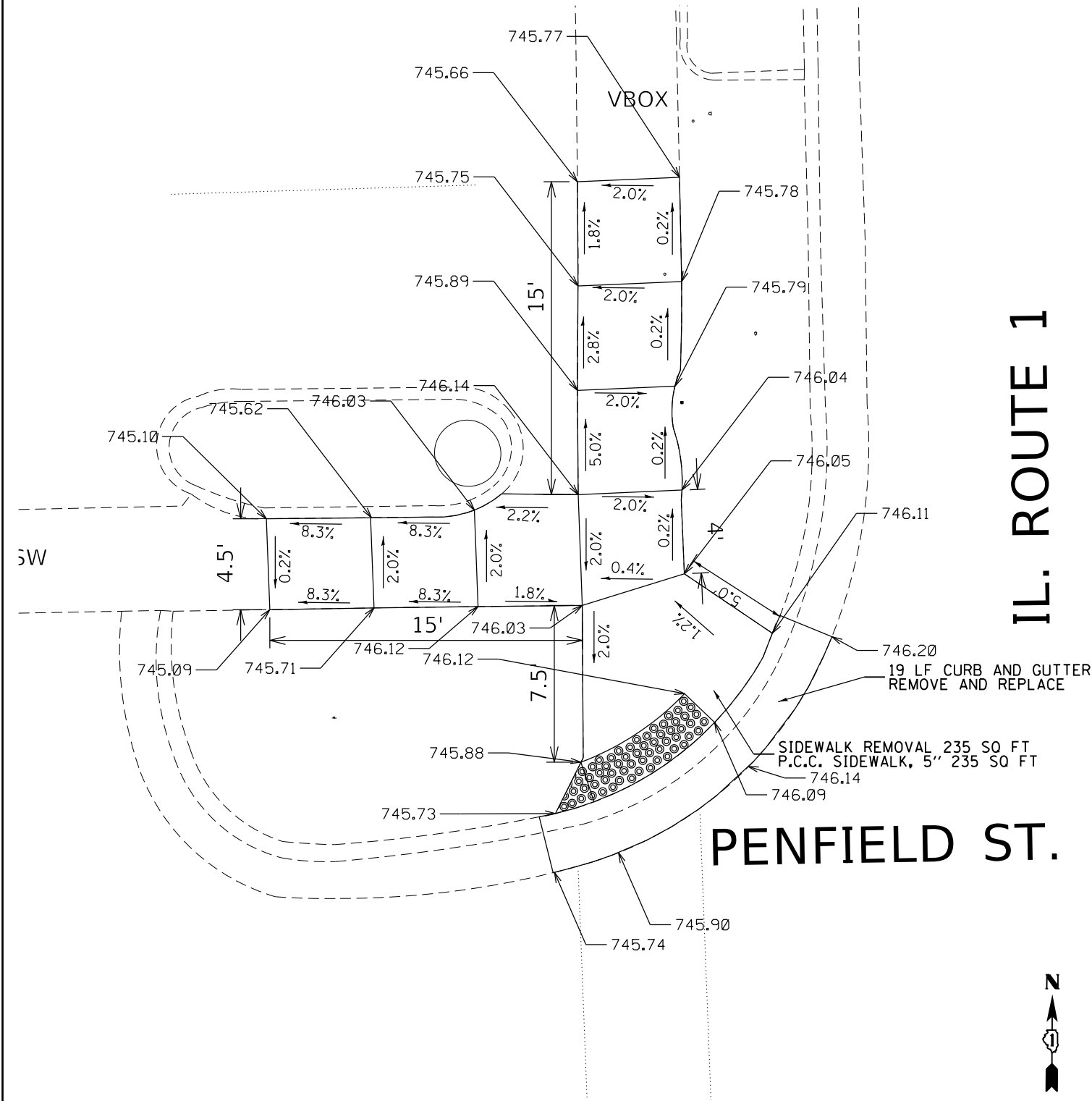


REFERENCE BENCH MARK ELEV 737.437
 BENCHMARK : CUT SQUARE IN SE CORNER OF T.S. CONTROL BOX
 LOCATION : BASE AT NE OF ILL 394 AND INDIANA AVE.

LEGEND

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

REFERENCE BENCH MARK ELEV 737.437
 BENCHMARK : CUT SQUARE IN SE CORNER OF T.S. CONTROL BOX
 LOCATION : BASE AT NE OF ILL 394 AND INDIANA AVE.



REFERENCE BENCH MARK ELEV 746.201

BENCHMARK : CUT SQUARE ON NE CORNER OF CONC. SIGN BASE

LOCATION : BASE AT SW OF ILL 394 AND PENFIELD ST.

REFERENCE BENCH MARK ELEV 746.201

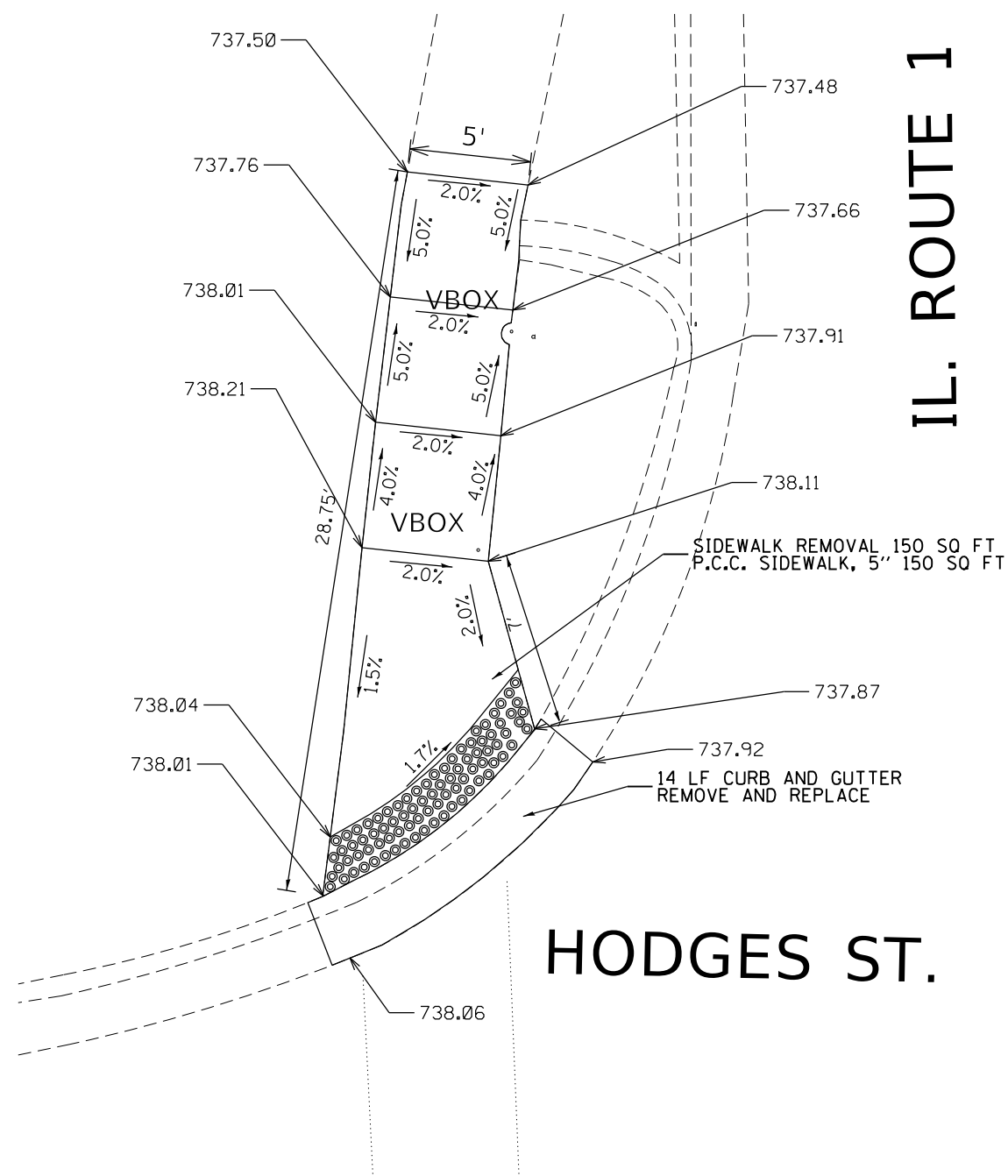
BENCHMARK : CUT SQUARE ON NE CORNER OF CONC. SIGN BASE

LOCATION : BASE AT SW OF ILL 394 AND PENFIELD ST.

LEGEND

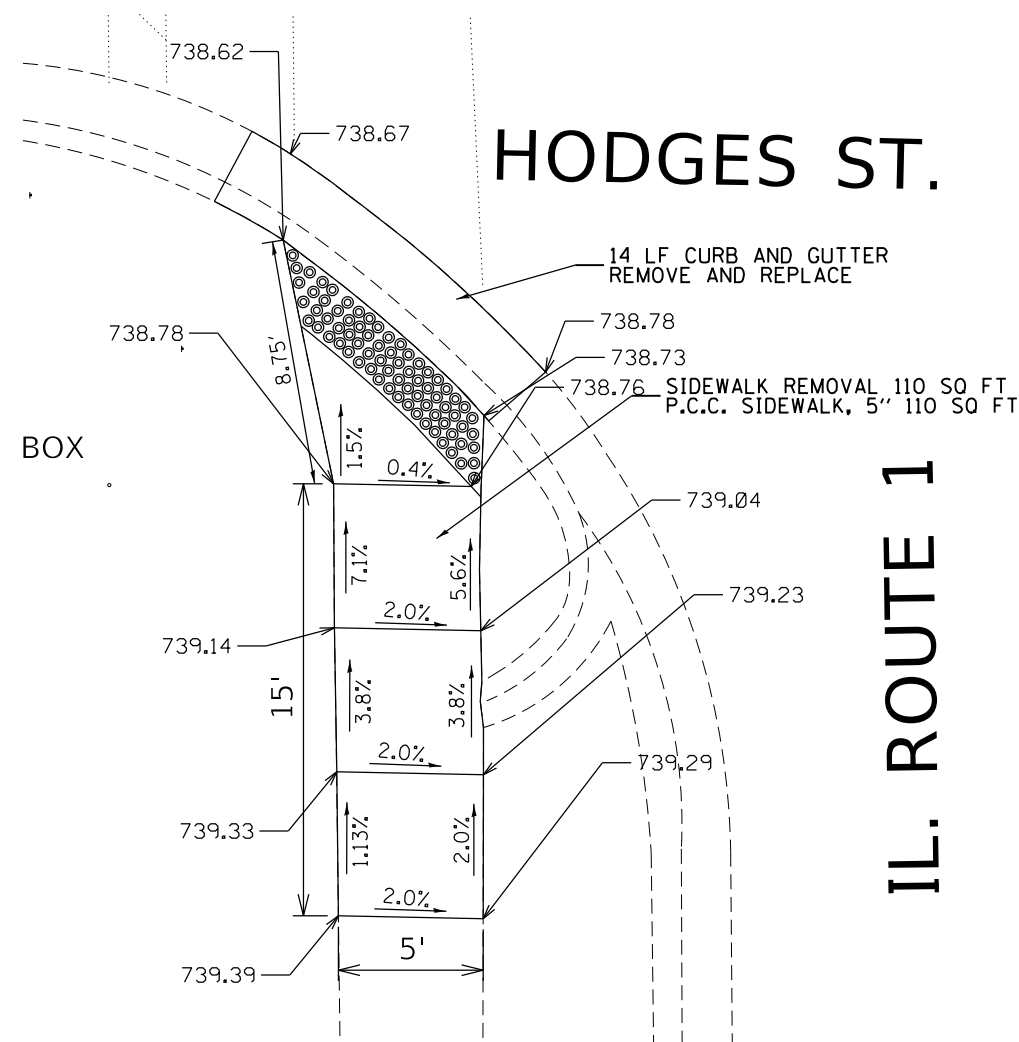
- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS (ILL 394 & PENFIELD ST.) NW & SW CORNERS	F.A.P. RTE. = 332	SECTION = 2020-124-RS	COUNTY = WILL	TOTAL SHEETS = 73	SHEET NO. = 47		
Default	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62M02			
	PLOT DATE = 12/10/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						



IL. ROUTE 1

HODGES ST.



HODGES ST.

IL. ROUTE 1



REFERENCE BENCH MARK ELEV 740.575
 BENCHMARK : CUT CROSS ON SE BOLT ON FIRE HYDRANT
 LOCATION : BASE AT NW OF ILL 394 AND HODGES ST.

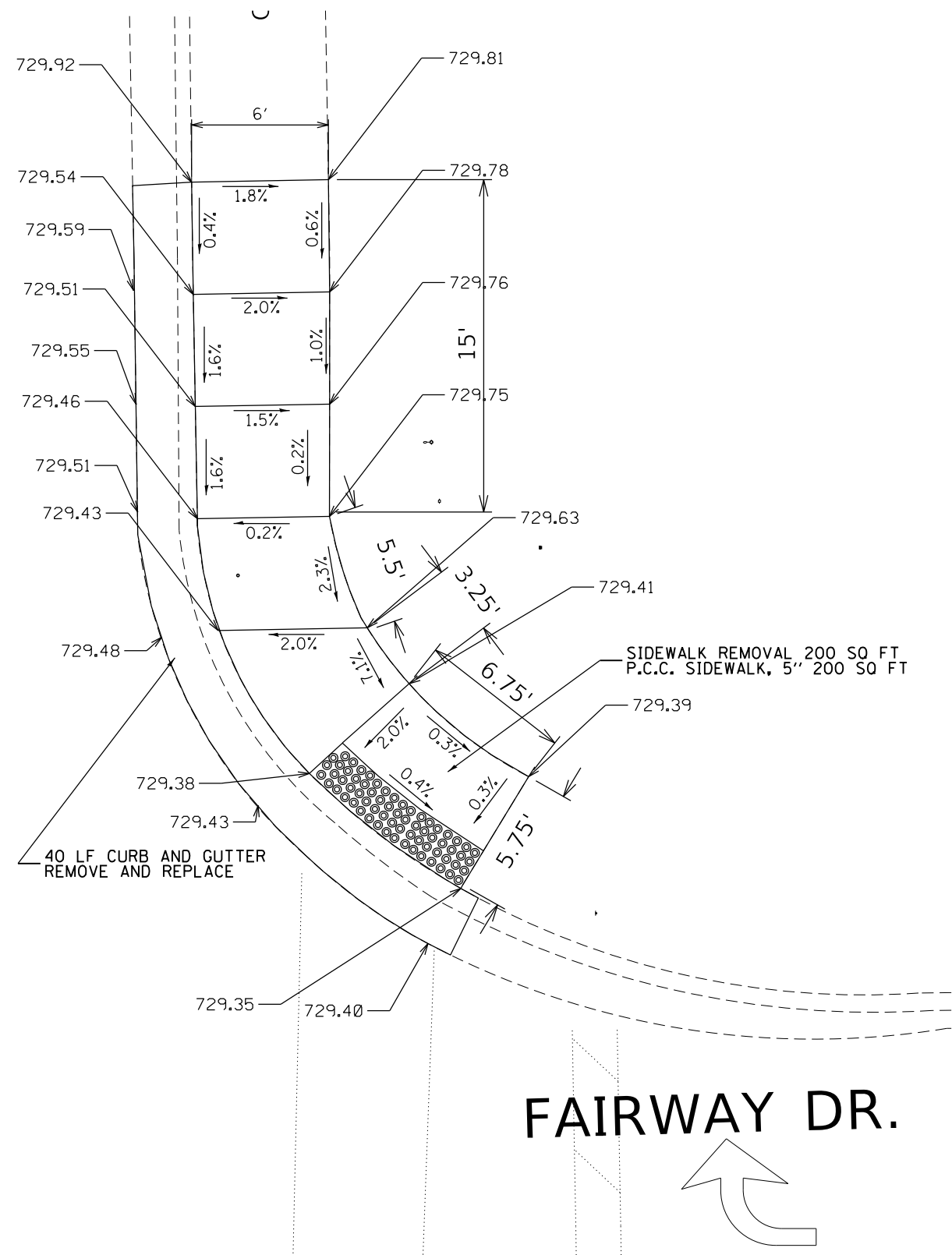
LEGEND

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

REFERENCE BENCH MARK ELEV 740.575
 BENCHMARK : CUT CROSS ON SE BOLT ON FIRE HYDRANT
 LOCATION : BASE AT NW OF ILL 394 AND HODGES ST.

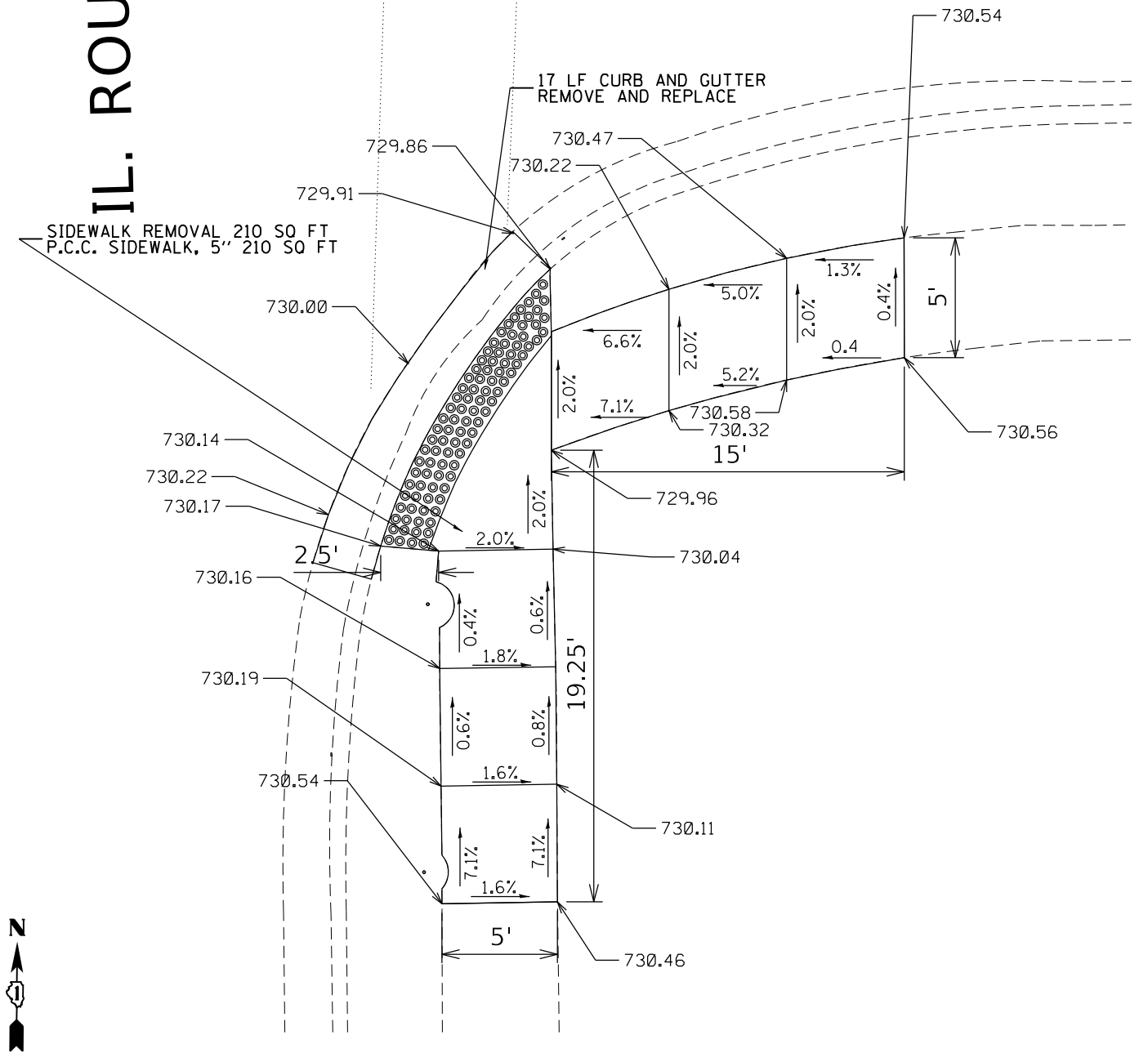
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PLOT DATE = 12/10/2020	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

IL. ROUTE 1



IL. ROUTE 1

FAIRWAY DR.

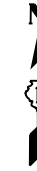
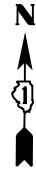


REFERENCE BENCH MARK ELEV 728.919
 BENCHMARK : CUT SQUARE IN SECTION OF CONE SIGN PAD
 LOCATION : BASE AT NW OF ILL 394 AND MILLER ST.

LEGEND

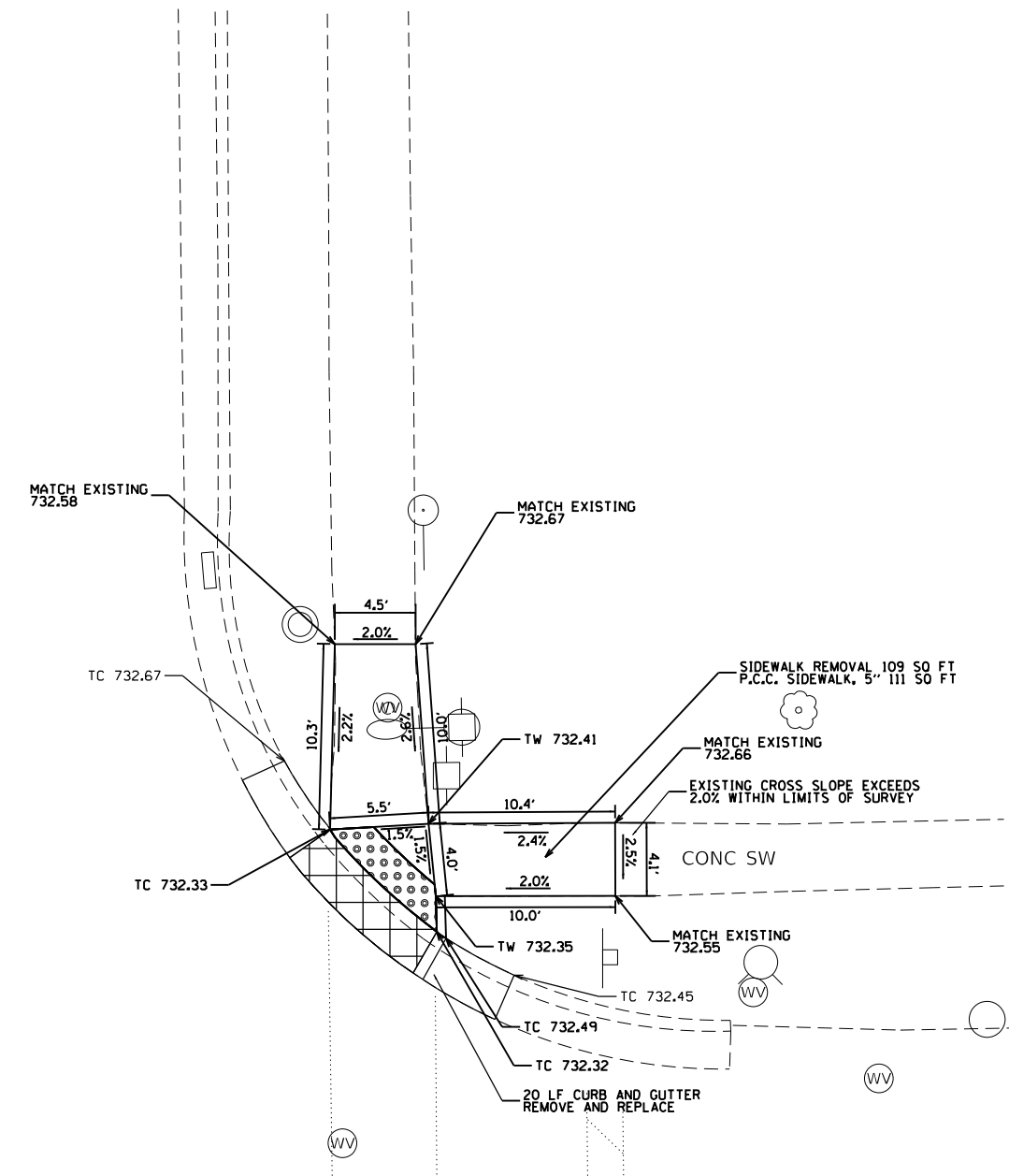
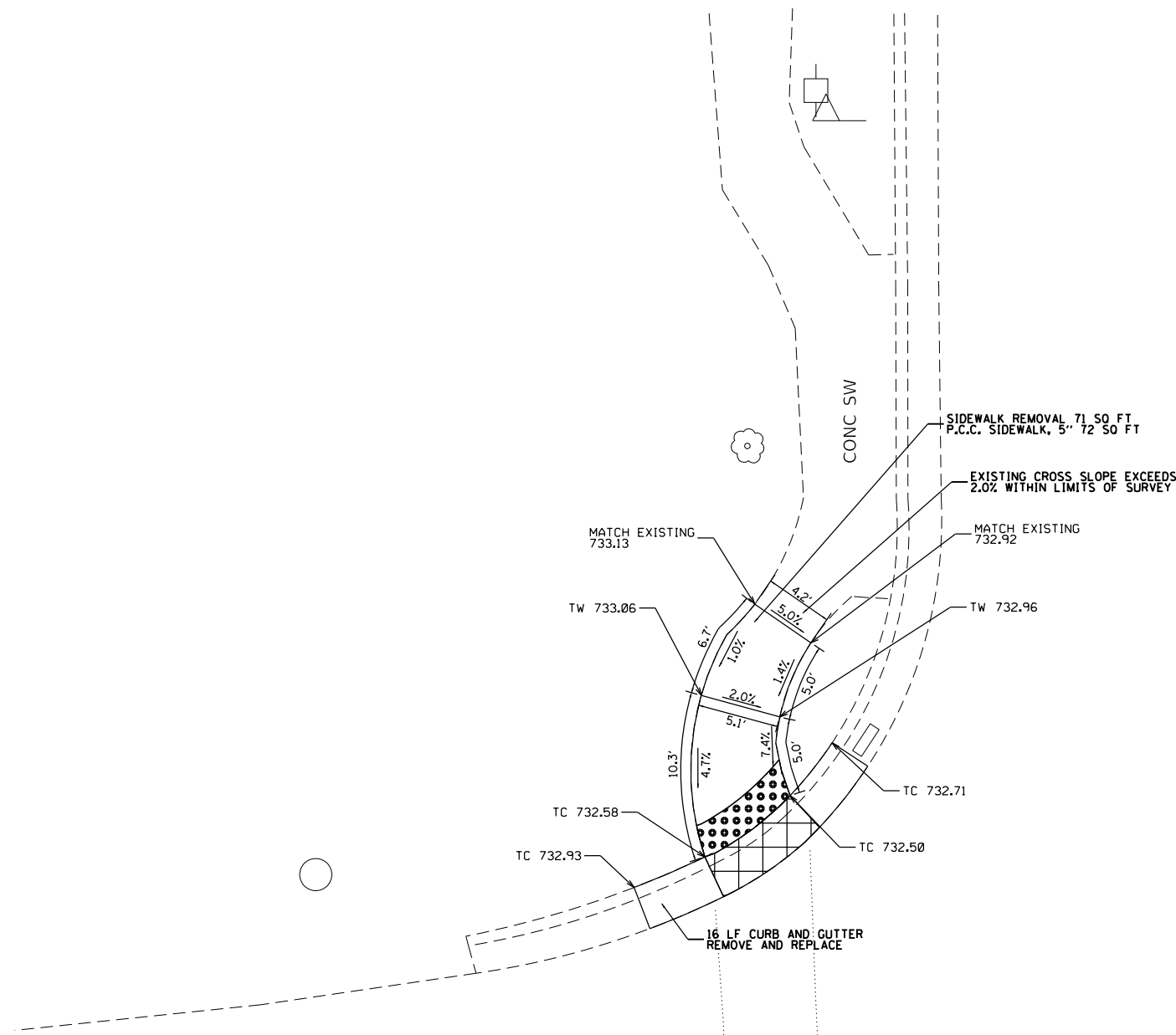
- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCH MARK ELEV 728.919
 BENCHMARK : CUT SQUARE IN SECTION OF CONE SIGN PAD
 LOCATION : BASE AT NW OF ILL 394 AND MILLER ST.



IL. ROUTE 1

IL. ROUTE 1



ORCHARD LN.

ORCHARD LN.

REFERENCE BENCH MARK ELEV 733.22
 BENCHMARK : NORTHEAST BOLT OF FIRE HYDRANT
 LOCATION : NORTHEAST CORNER OF IL 1 (MAIN ST.) AND ORCHARD LN.

REFERENCE BENCH MARK ELEV 733.22
 BENCHMARK : NORTHEAST BOLT OF FIRE HYDRANT
 LOCATION : NORTHEAST CORNER OF IL 1 (MAIN ST.) AND ORCHARD LN.

LEGEND

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

FILE NAME =	USER NAME = qureshiye	DESIGNED -	REVISED -
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	PLOT DATE = 12/10/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

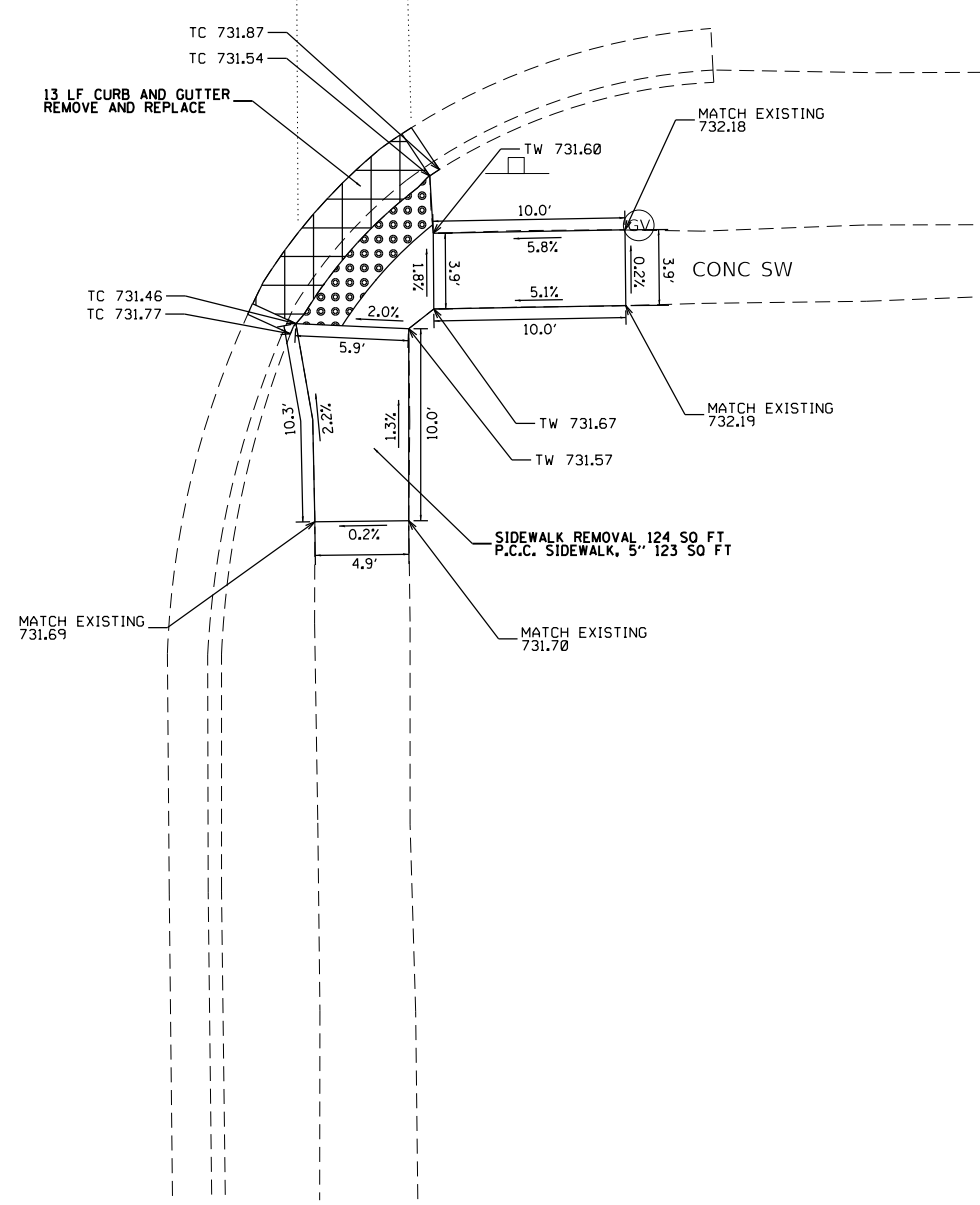
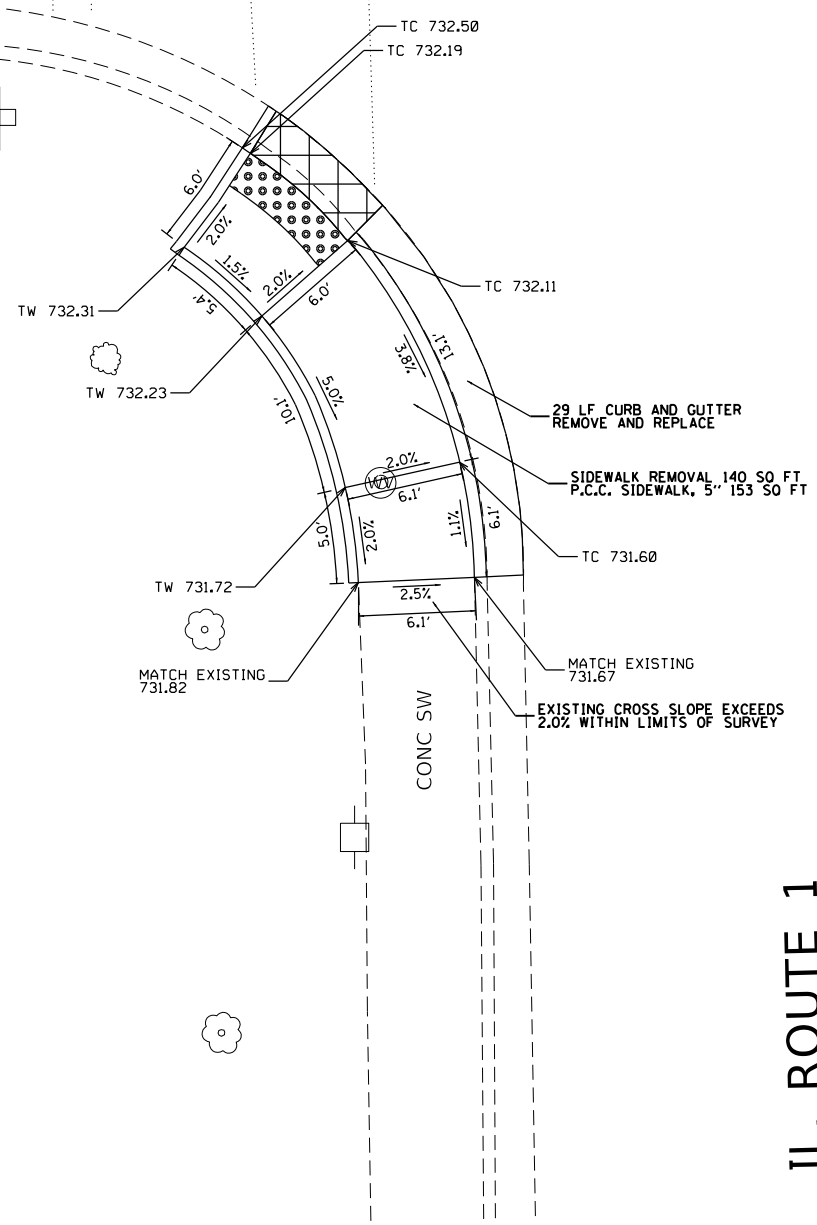
**ADA RAMP DETAILS (IL 1 AT ORCHARD LN.—NE & NW CORNERS)
 FAP 876 /IL 1 (MAIN ST.)—BURVILLE RD. TO N OF IL 394**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
876	2020-124-RS	WILL	73	50
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M02	

ORCHARD LN.

ORCHARD LN.



IL. ROUTE 1

IL. ROUTE 1

LEGEND

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

REFERENCE BENCH MARK ELEV 733.22
 BENCHMARK : NORTHEAST BOLT OF FIRE HYDRANT
 LOCATION : NORTHEAST CORNER OF IL 1 (MAIN ST.) AND ORCHARD LN.

REFERENCE BENCH MARK ELEV 733.22
 BENCHMARK : NORTHEAST BOLT OF FIRE HYDRANT
 LOCATION : NORTHEAST CORNER OF IL 1 (MAIN ST.) AND ORCHARD LN.

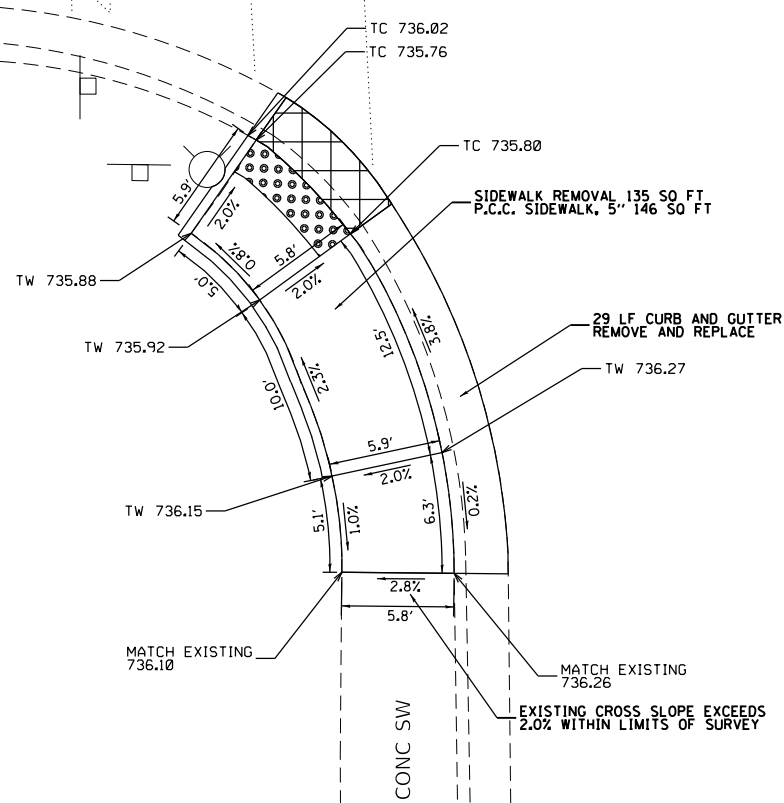
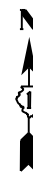
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

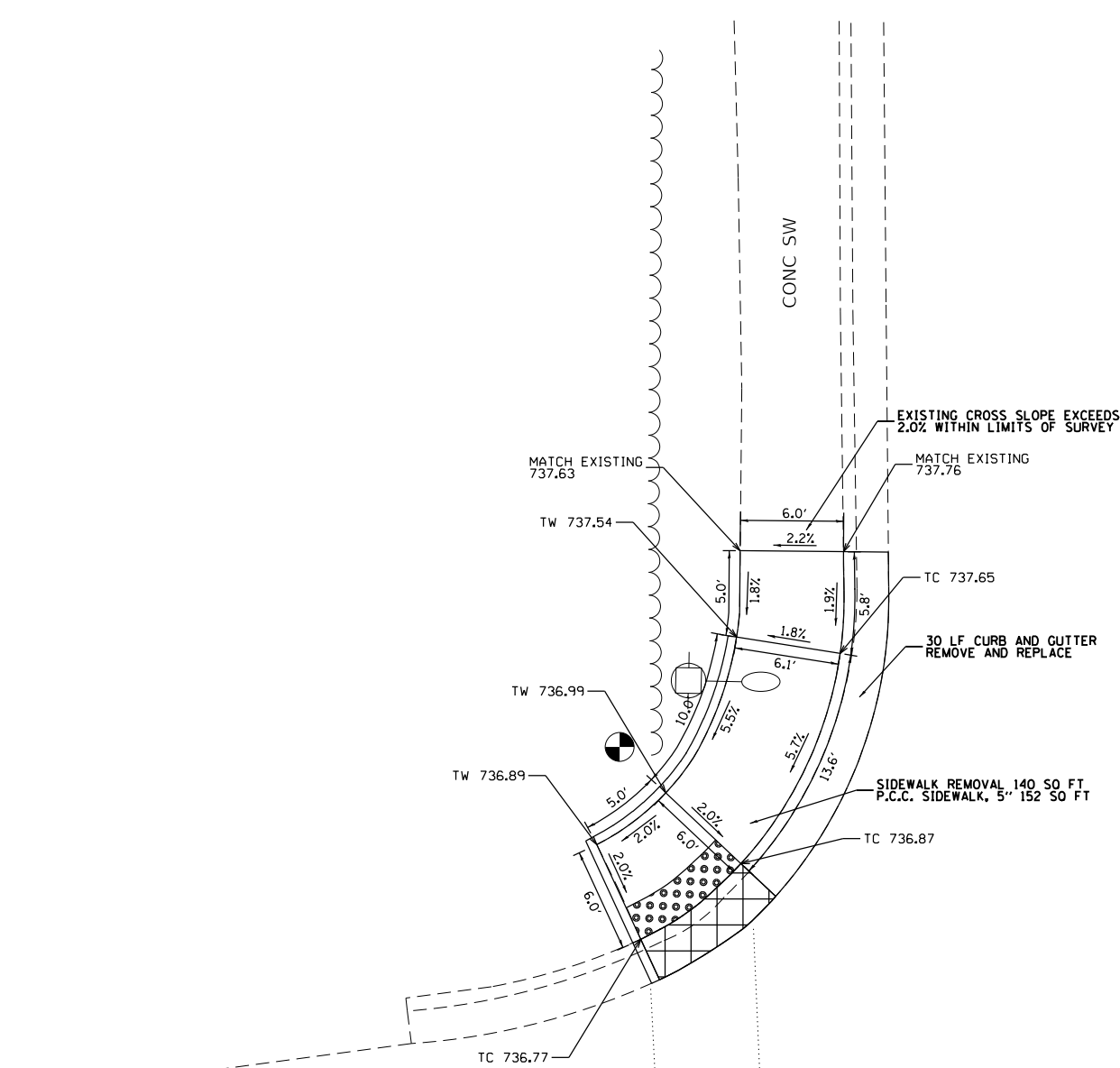
**ADA RAMP DETAILS (IL 1 AT ORCHARD LN—SE & SW CORNERS)
 FAP 876 /IL 1 (MAIN ST.)—BURVILLE RD. TO N. OF IL 394**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
876	2020-124-RS	WILL	73	51
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M02	

COUNTRY LN



IL. ROUTE 1



COUNTRY LN

IL. ROUTE 1

REFERENCE BENCH MARK ELEV 735.74
 BENCHMARK : WEST BOLT OF FIRE HYDRANT
 LOCATION : SOUTHWEST CORNER OF IL 1 (MAIN ST.) AND COUNTRY LN.

LEGEND

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

REFERENCE BENCH MARK ELEV 735.74
 BENCHMARK : WEST BOLT OF FIRE HYDRANT
 LOCATION : SOUTHWEST CORNER OF IL 1 (MAIN ST.) AND COUNTRY LN.

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

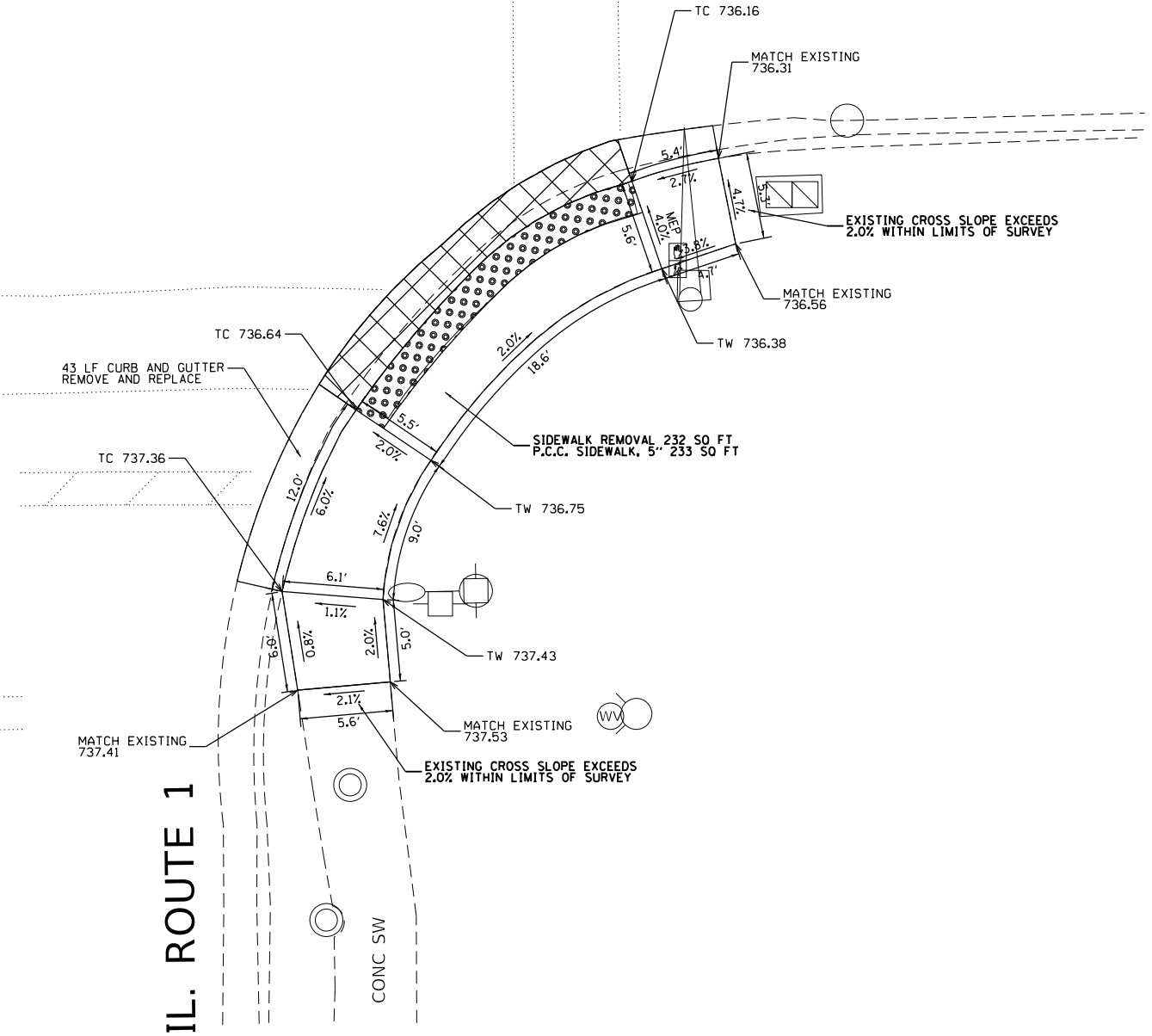
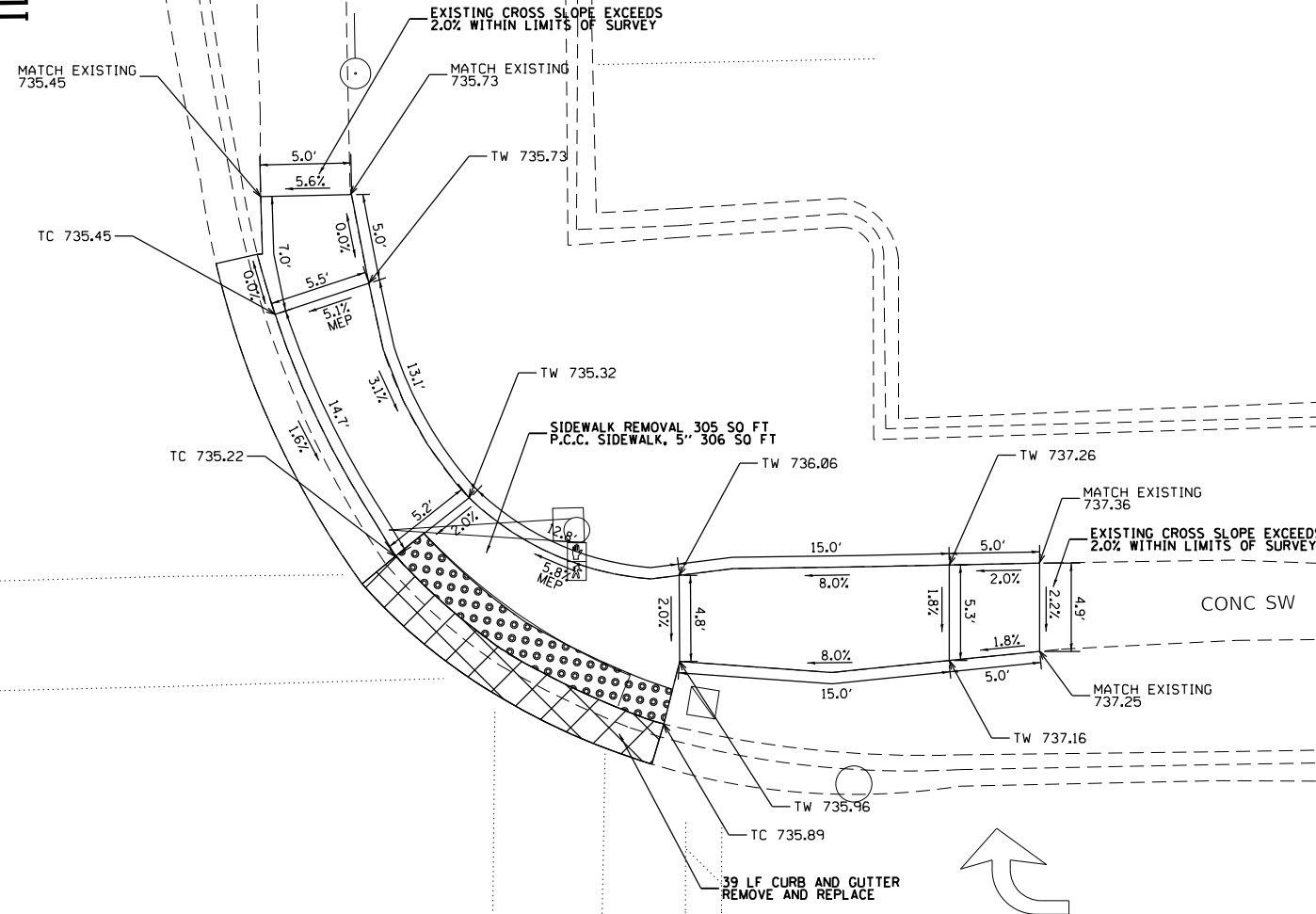
ADA RAMP DETAILS (IL 1 AT COUNTRY LN.—NW & SW CORNERS)
 FAP 876 /IL 1 (MAIN ST.)—BURVILLE RD. TO N. OF IL 394

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
876	2020-124-RS	WILL	73	54
CONTRACT NO. 62M02			ILLINOIS FED. AID PROJECT	

IL. ROUTE 1

CHESTNUT LN.



CHESTNUT LN.

LEGEND



EXISTING LENGTH



PROPOSED SIDE CURB



EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCH MARK ELEV 734.79

BENCHMARK : NORTHEAST CORNER OF TRAFFIC CONTROL BOX

LOCATION : BASE AT NORTHWEST CORNER OF IL 1 (MAIN ST.) AND CHESTNUT LN.

REFERENCE BENCH MARK ELEV 734.79

BENCHMARK : NORTHEAST CORNER OF TRAFFIC CONTROL BOX

LOCATION : BASE AT NORTHWEST CORNER OF IL 1 (MAIN ST.) AND CHESTNUT LN.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

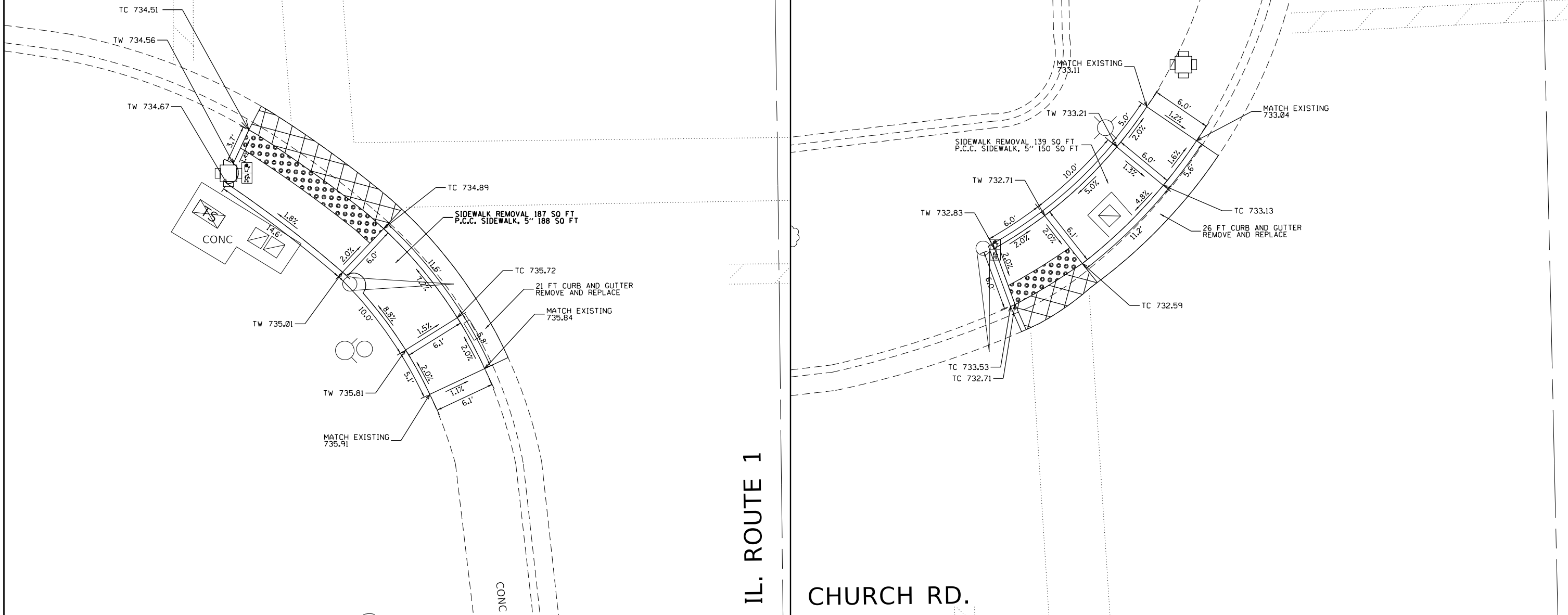
**ADA RAMP DETAILS (IL 1 AT CHESTNUT LN.—SE & NE CORNERS)
FAP 876 /IL 1 (MAIN ST.)—BURVILLE RD. TO N. OF IL 394**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
876	2020-124-RS	WILL	73	56
CONTRACT NO. 62M02			ILLINOIS FED. AID PROJECT	

CHURCH RD.

IL. ROUTE 1



IL. ROUTE 1

CHURCH RD.

LEGEND

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

REFERENCE BENCH MARK ELEV 735.50
 BENCHMARK : NORTHWEST CORNER OF TRAFFIC SIGNAL AND HAND HOLE PAD
 LOCATION : BASE AT SOUTHWEST CORNER OF IL 1 (MAIN ST.) AND CHURCH RD.

REFERENCE BENCH MARK ELEV 735.50
 BENCHMARK : NORTHWEST CORNER OF TRAFFIC SIGNAL AND HAND HOLE PAD
 LOCATION : BASE AT SOUTHWEST CORNER OF IL 1 (MAIN ST.) AND CHURCH RD.

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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS (IL 1 AT CHURCH RD.—SW & NW CORNERS)
 FAP 876 /IL 1 (MAIN ST.)—BURVILLE RD. TO N. OF IL 394

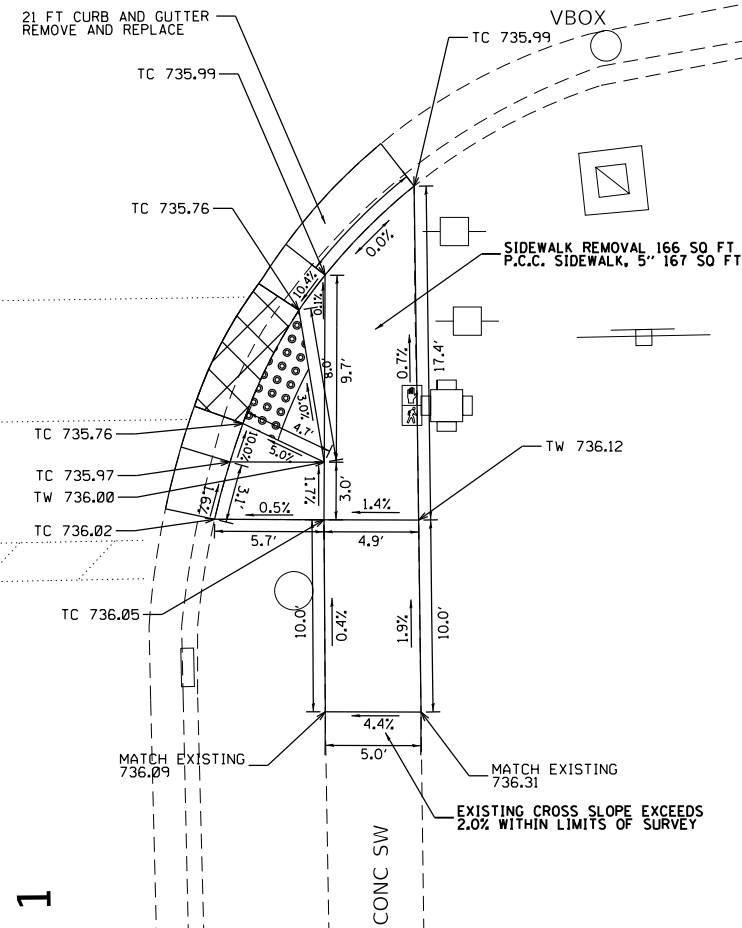
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
876	2020-124-RS	WILL	73	58
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M02	



CHURCH RD.

IL. ROUTE 1



CON



LEGEND

xx.xx'

EXISTING LENGTH



PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCH MARK ELEV 735.50

BENCHMARK : NORTHWEST CORNER OF TRAFFIC SIGNAL AND HAND HOLE PAD

LOCATION : BASE AT SOUTHWEST CORNER OF IL 1 (MAIN ST.) AND CHURCH RD.

REFERENCE BENCH MARK ELEV 735.50

BENCHMARK : NORTHWEST CORNER OF TRAFFIC SIGNAL AND HAND HOLE PAD

LOCATION : BASE AT SOUTHWEST CORNER OF IL 1 (MAIN ST.) AND CHURCH RD.

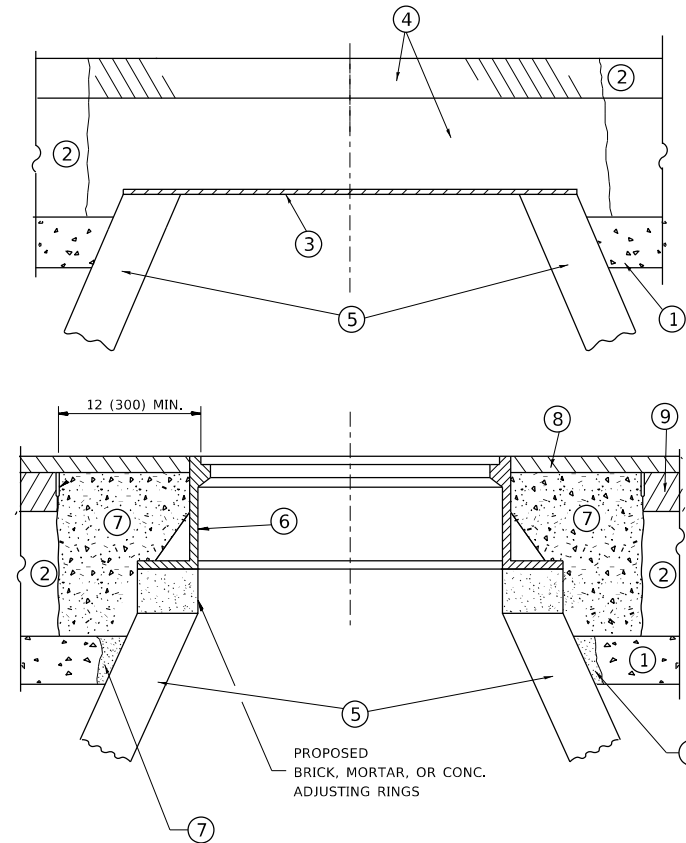
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS(IL 1 AT CHURCH RD.—SE CORNER)
FAP 876 /IL 1 (MAIN ST.)—BURVILLE RD. TO N. OF IL 394

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
876	2020-124-RS	WILL	73	59
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62M02	



NOTES

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

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

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

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

- A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 * CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT *THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- ① SUB-BASE GRANULAR MATERIAL
- ② EXISTING PAVEMENT
- ③ 36 (900) DIAMETER METAL PLATE
- ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- ⑤ EXISTING STRUCTURE
- ⑥ FRAME AND LID (SEE NOTES)
- ⑦ CLASS PP-1 *CONCRETE
- ⑧ PROPOSED HMA SURFACE COURSE
- ⑨ PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR *FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).*

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

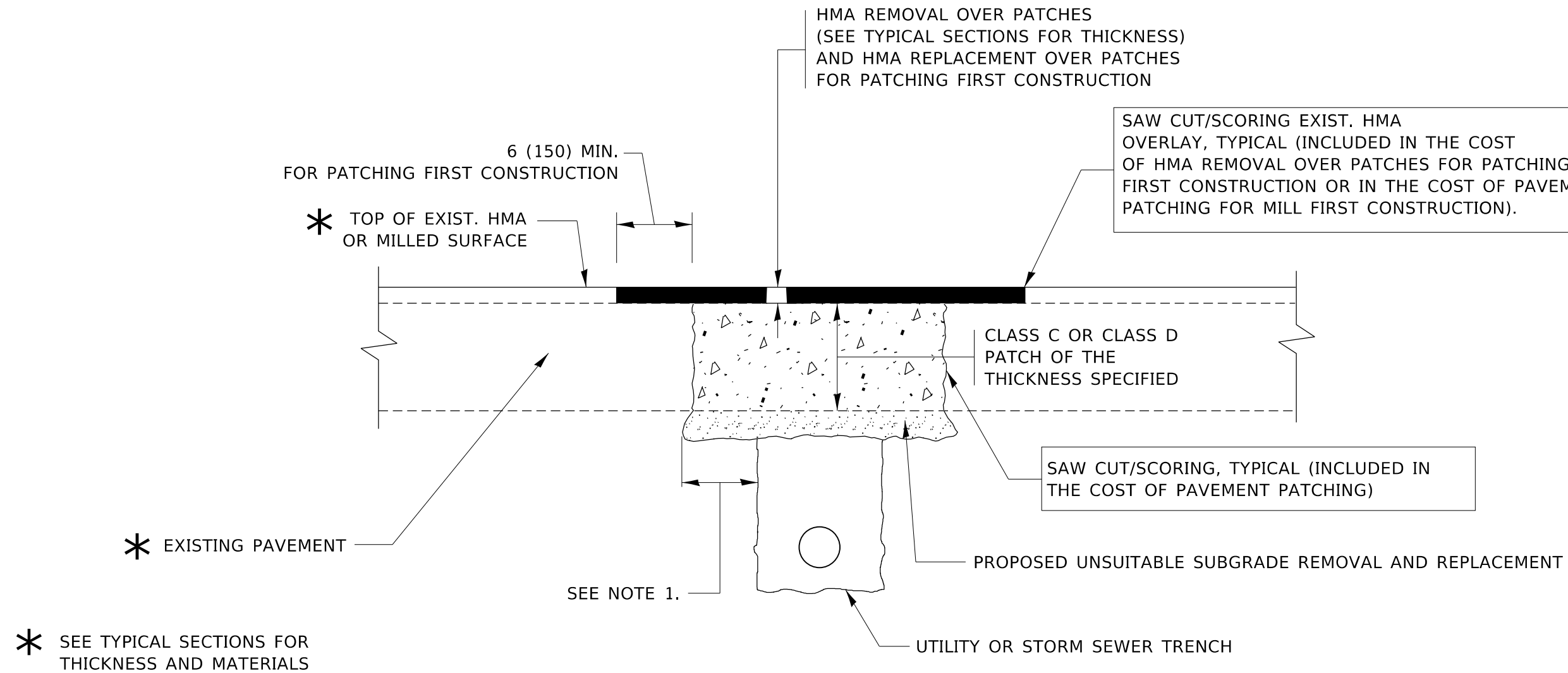
**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2020-124-RS	WILL	73	60
BD600-03 (BD-8)			CONTRACT NO. 62M02	
ILLINOIS FED. AID PROJECT				

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 12/10/2020	DATE - 10-25-94	REVISED - R. BORO 03-09-11
		REVISED - R. BORO 12-06-11



NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

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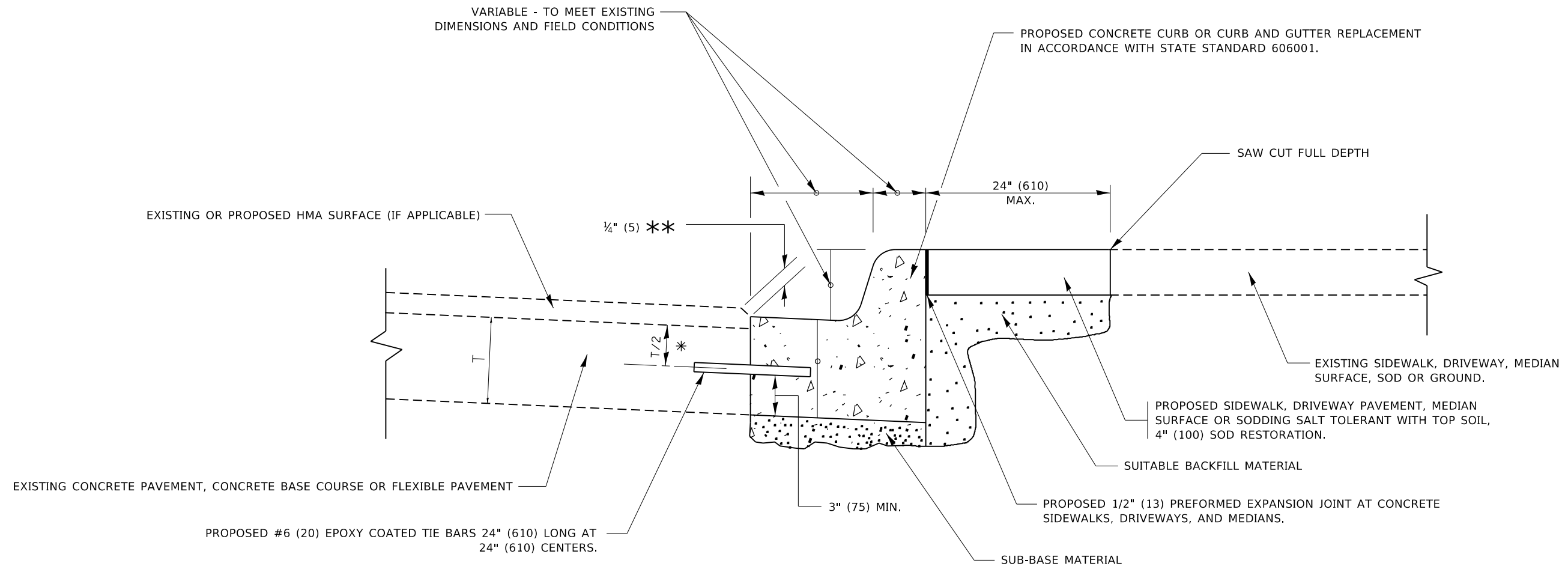
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PLOT DATE = 12/10/2020	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2020-124-RS	WILL	73	61
BD400-04 (BD-22)			CONTRACT NO. 62M02	
ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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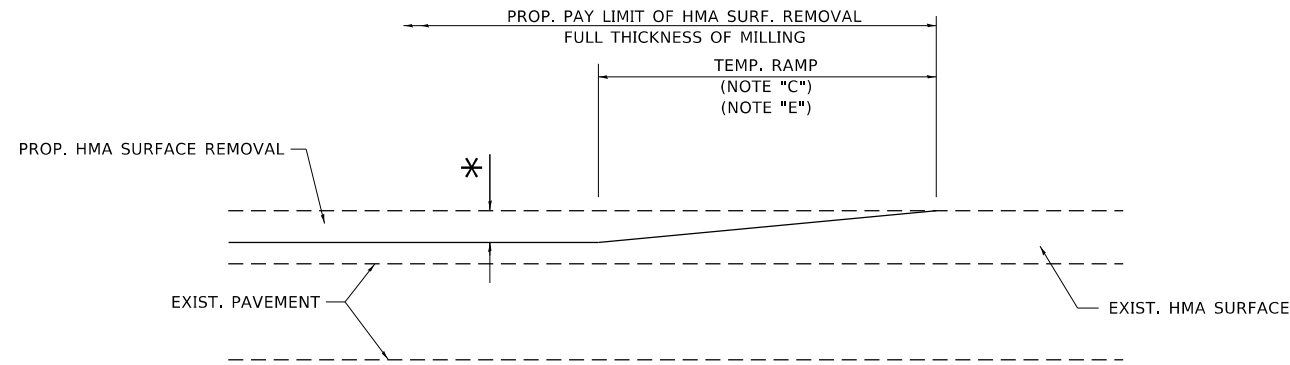
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PLOT DATE = 12/10/2020	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

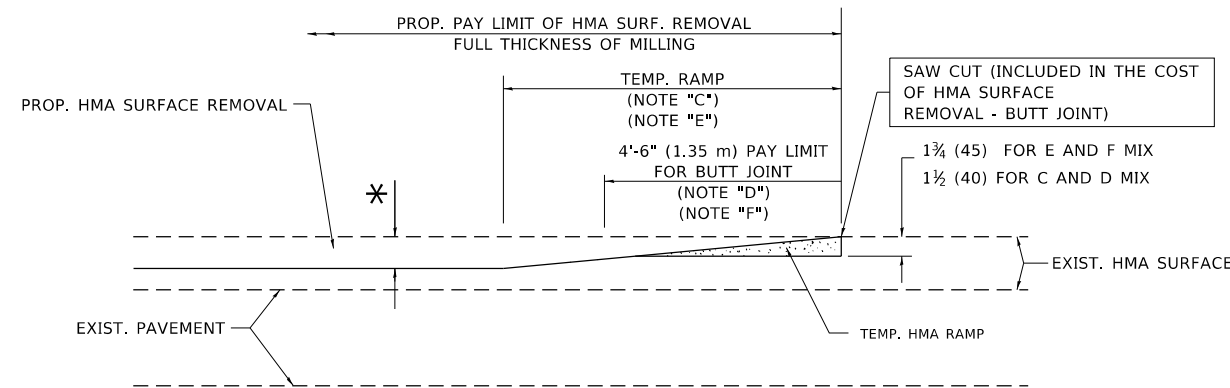
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•	2020-124-RS	WILL	73	62
BD600-06 (BD-24)			CONTRACT NO. 62M02	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

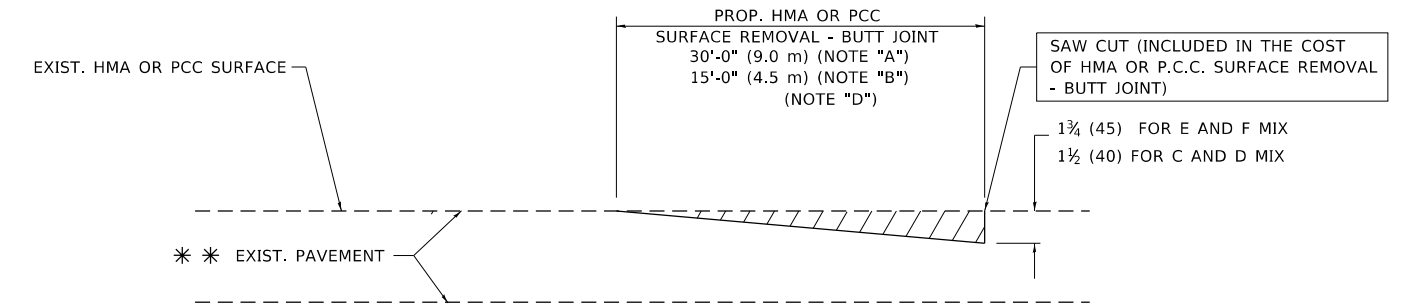


HMA CONSTRUCTED TEMPORARY RAMP

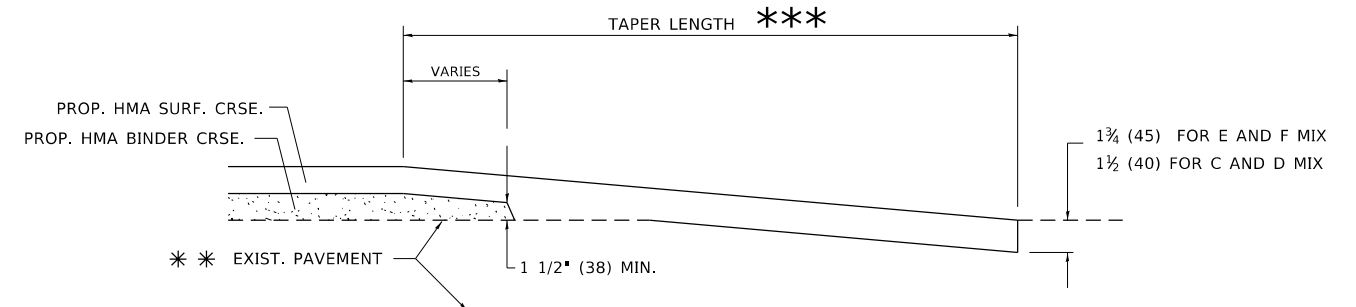
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

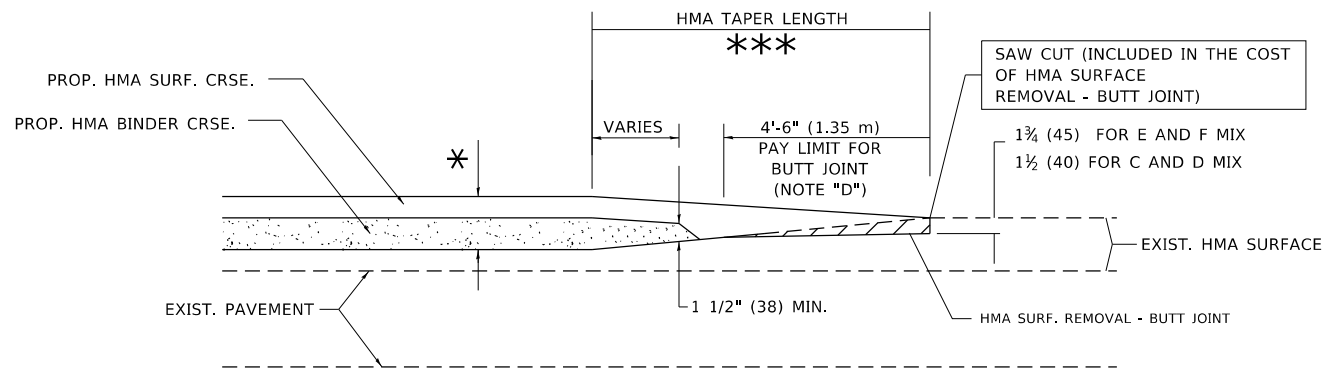
NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

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

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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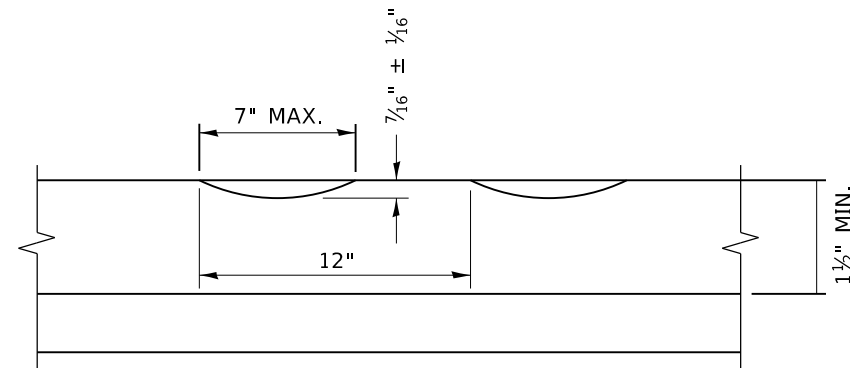
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PLOT DATE = 12/10/2020	CHECKED -	REVISED - M. GOMEZ 04-06-01
	DATE - 06-13-90	REVISED - R.BORO 01-01-07

STATE OF ILLINOIS
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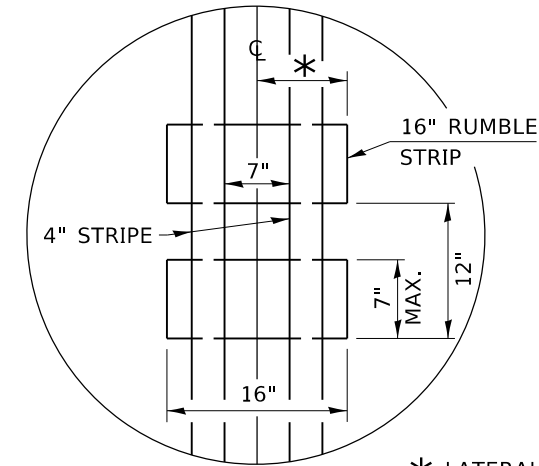
BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-RS	WILL	73	63
BD400-05 BD32		CONTRACT NO. 62M02		
ILLINOIS FED. AID PROJECT				



SECTION A-A



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

DETAIL B

GENERAL NOTES

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

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

ALL RUMBLE STRIPS SHALL BE MILLED.

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

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

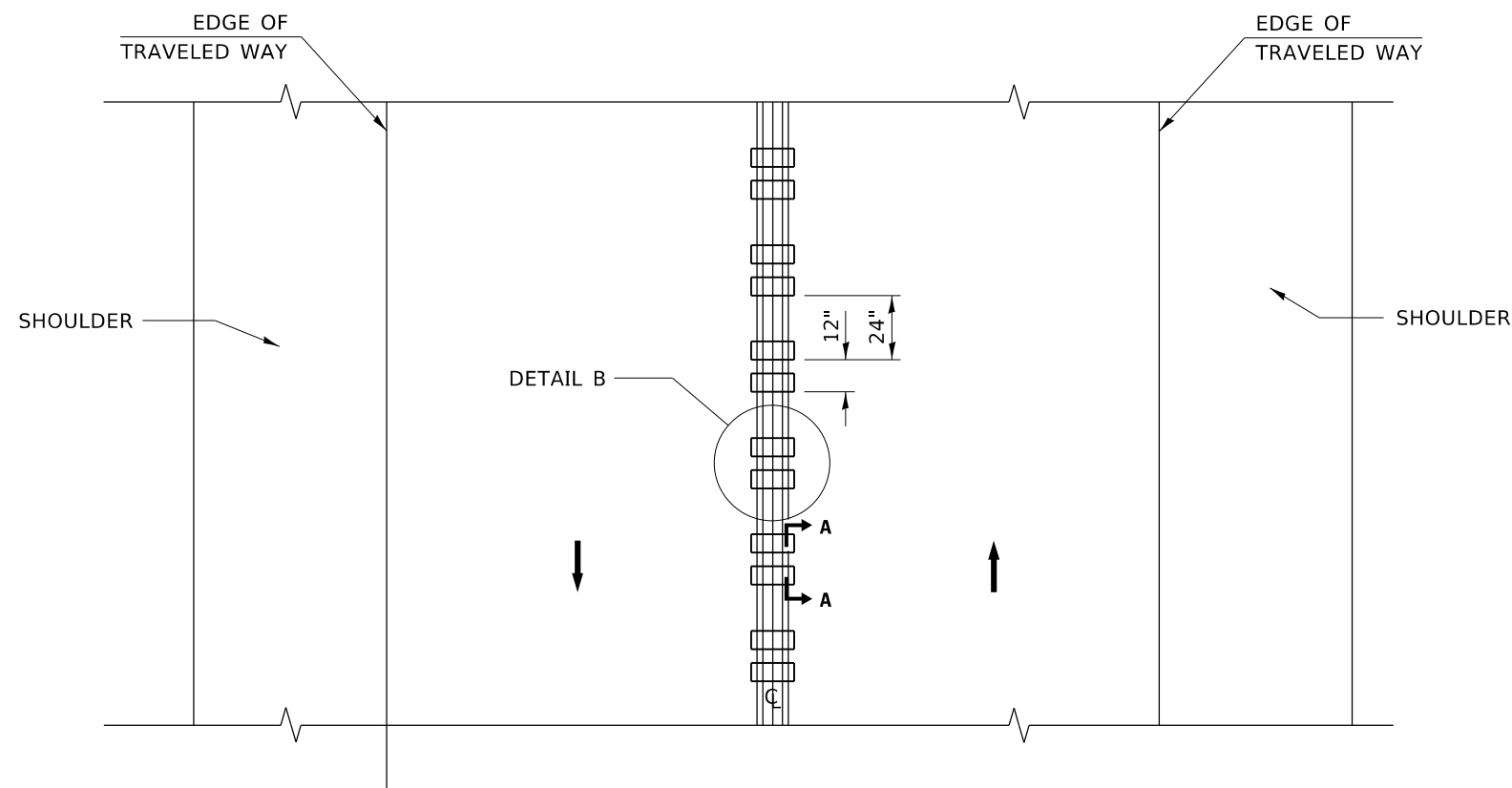
AFTER RUMBLE STRIPS ARE INSTALLED, THE PAVEMENT SURFACE SHALL BE SWEEPED CLEAN PRIOR TO THE PLACEMENT OF THE NEW PAVEMENT MARKINGS.

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

BASIS OF PAYMENT

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

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



TWO-WAY ROAD

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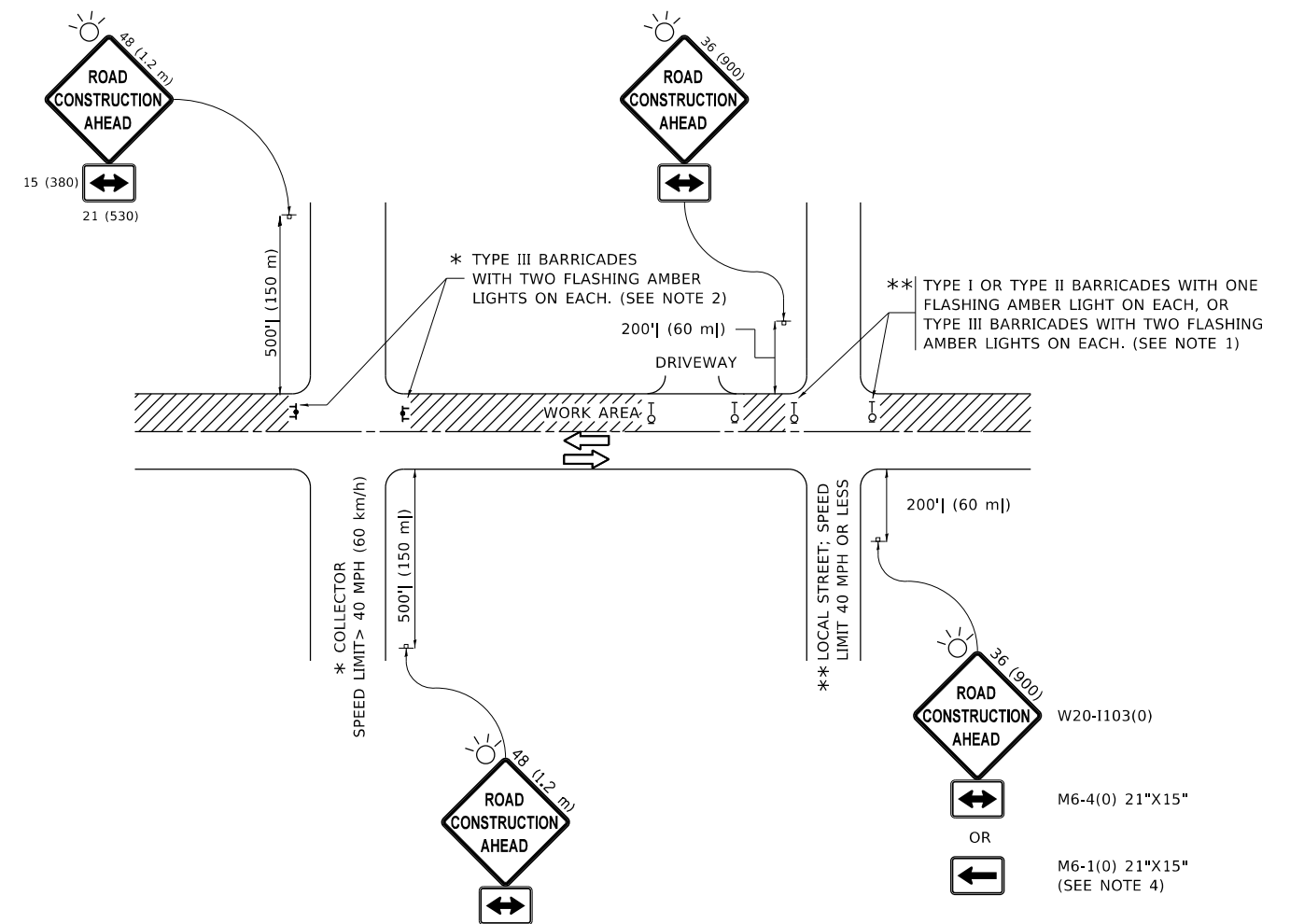
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

RUMBLE STRIPS FOR CENTERLINE, NON-FREEWAY

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2020-124-RS	WILL	73	65
BD 55			CONTRACT NO. 62M02	

ILLINOIS FED. AID PROJECT



NOTES:

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

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

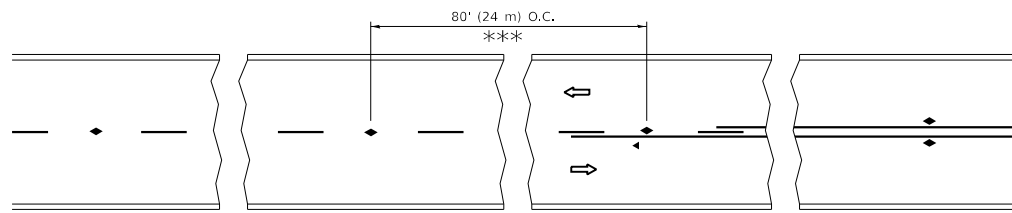
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

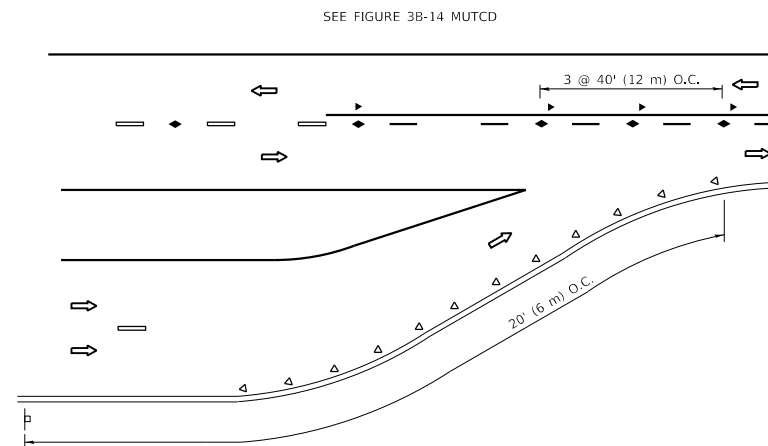
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2020-124-RS	WILL	73	66
TC-10			CONTRACT NO. 62M02	
ILLINOIS FED. AID PROJECT				

USER NAME = qureshiya	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 12/10/2020	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

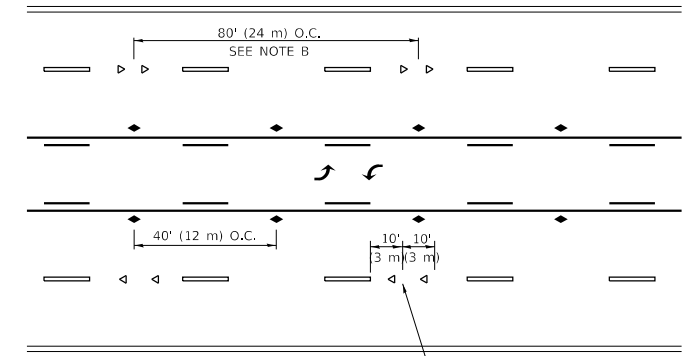


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

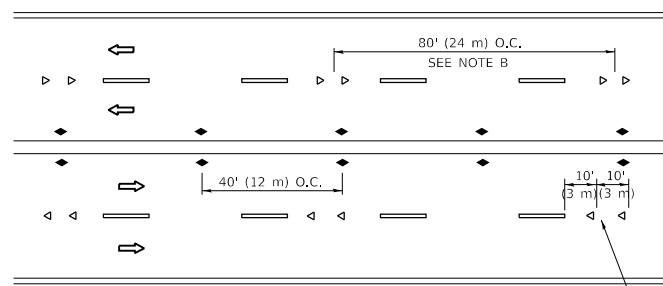
TWO-LANE/TWO-WAY



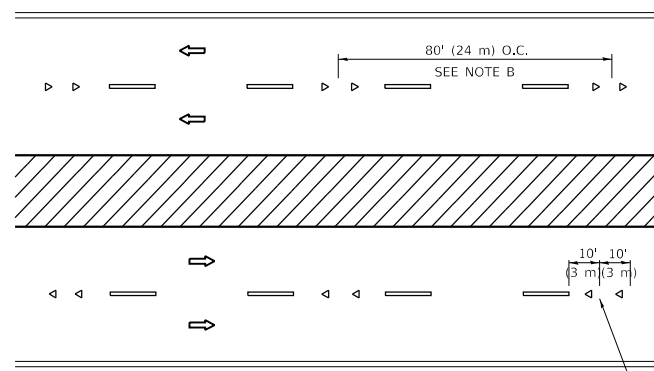
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

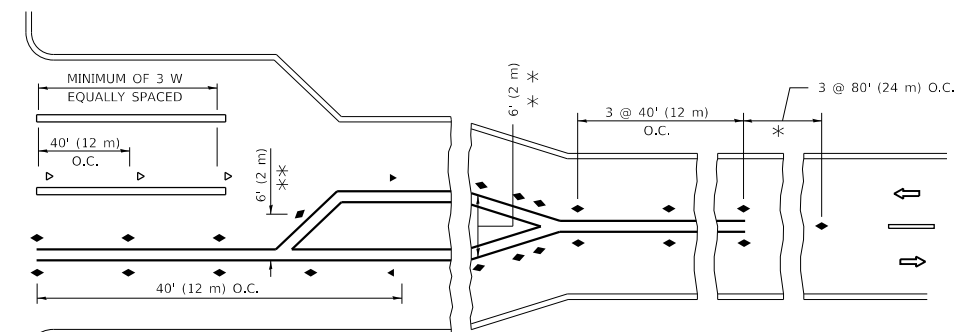
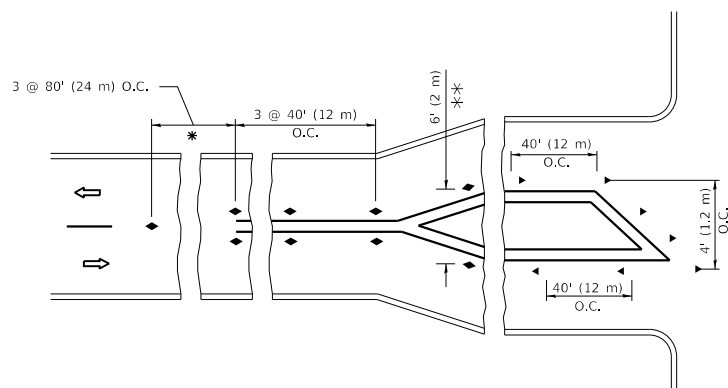
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

TURN LANES

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

MODEL: Default
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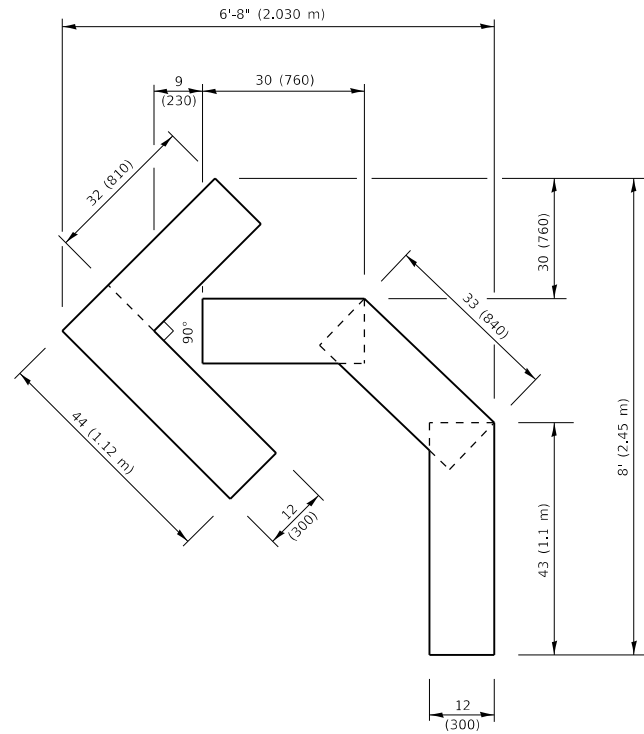
USER NAME = qureshya	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 12/10/2020	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

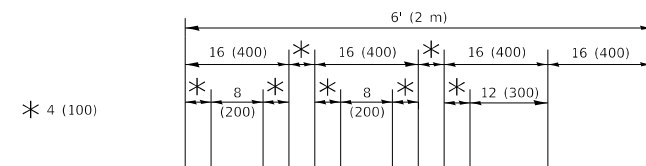
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-RS	WILL	73	67
TC-11			CONTRACT NO. 62M02	
ILLINOIS FED. AID PROJECT				



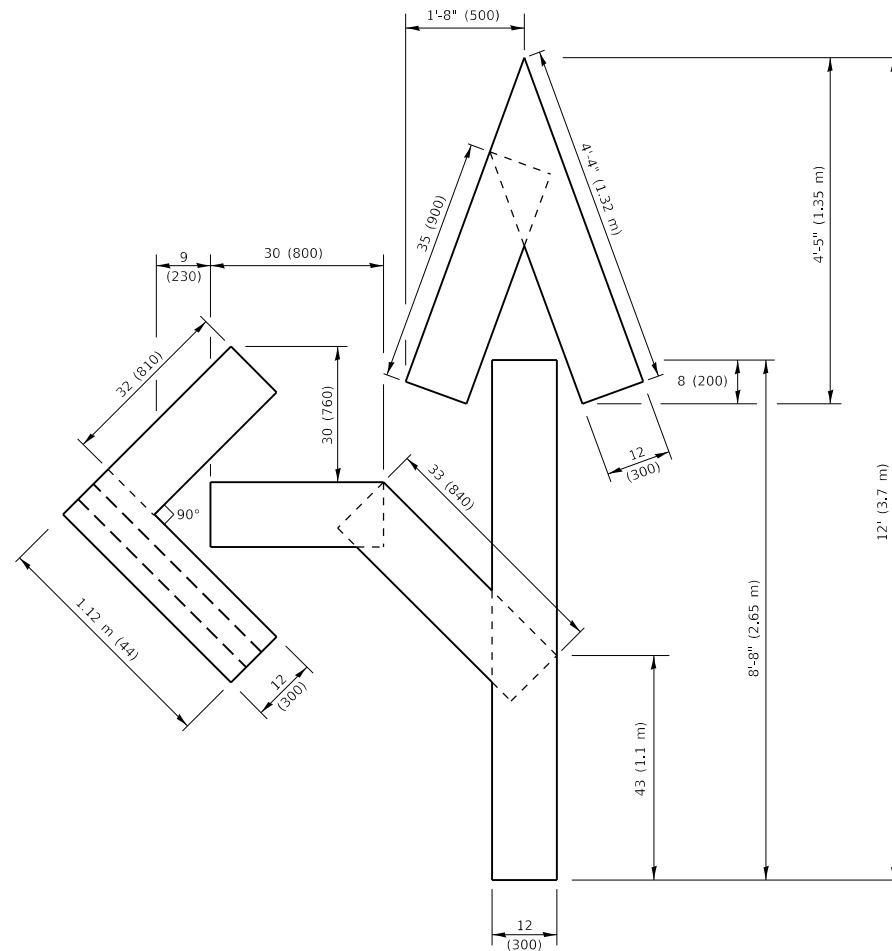
QUANTITY

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



QUANTITY

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

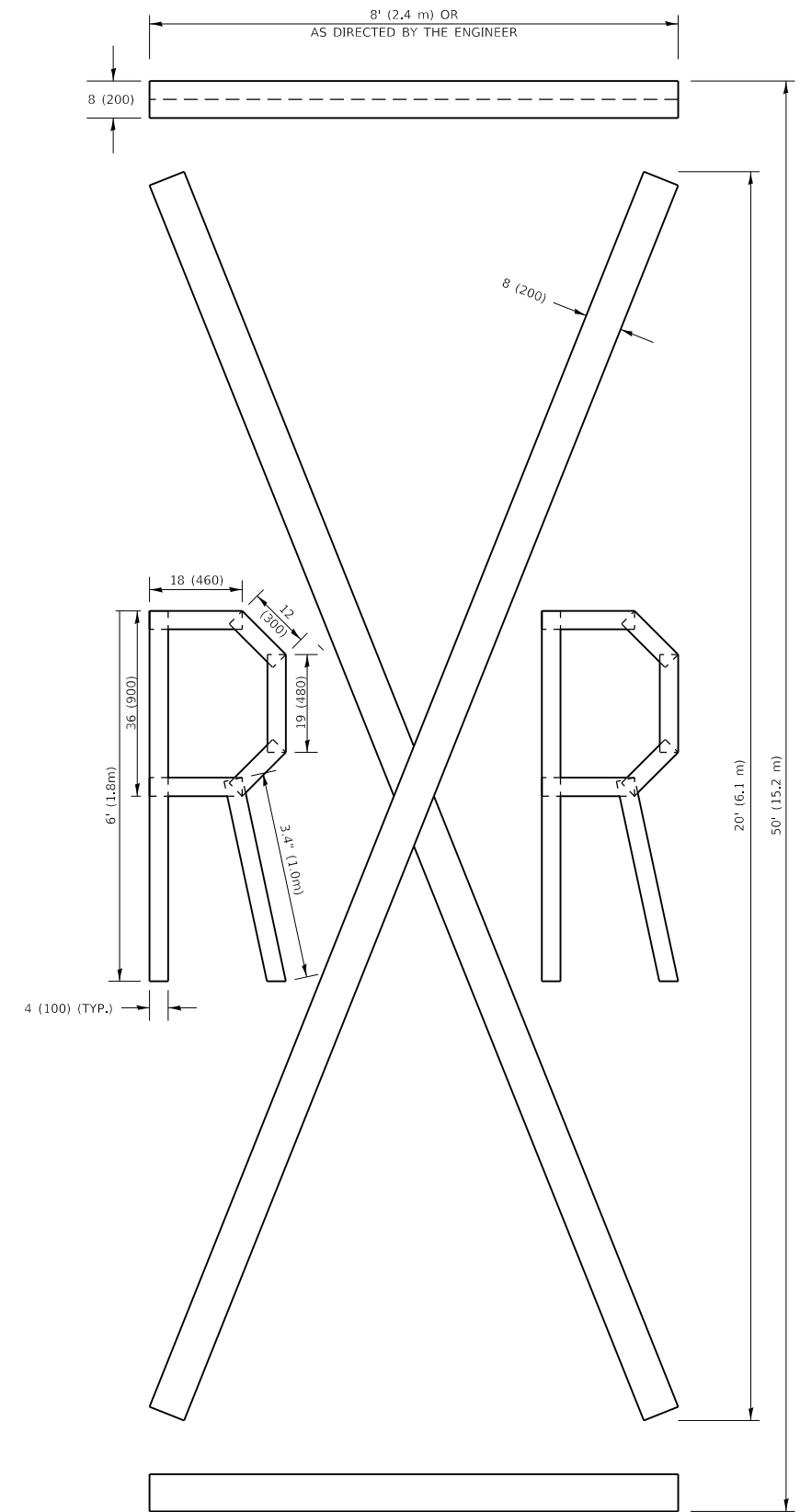


QUANTITY

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

NOTE:

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



QUANTITY

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

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

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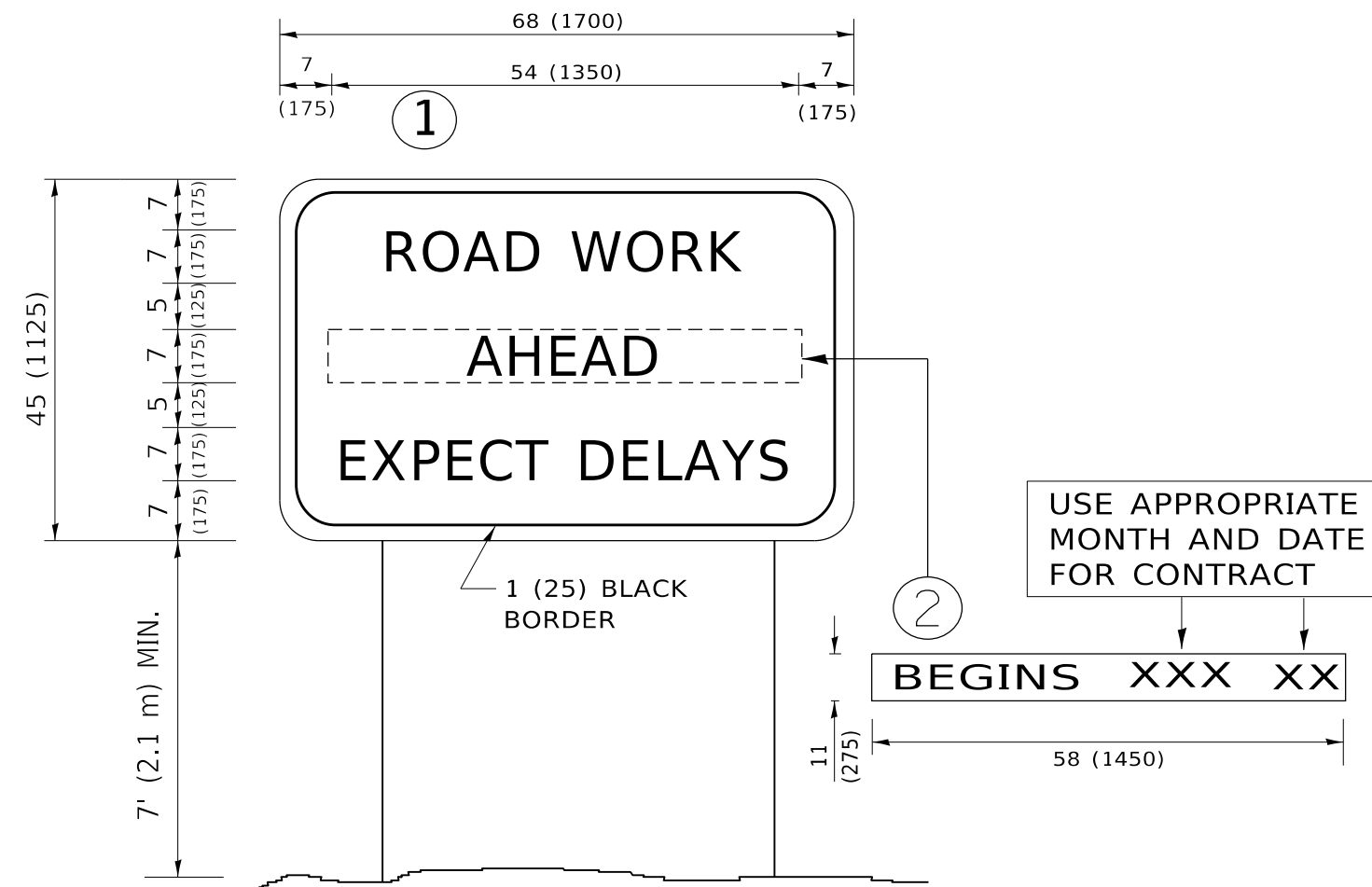
USER NAME = qureshya	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 100,0010 ' / In.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 12/10/2020	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-RS	WILL	73	70
TC-16		CONTRACT NO. 62M02		
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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USER NAME = qureshya	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 12/10/2020	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

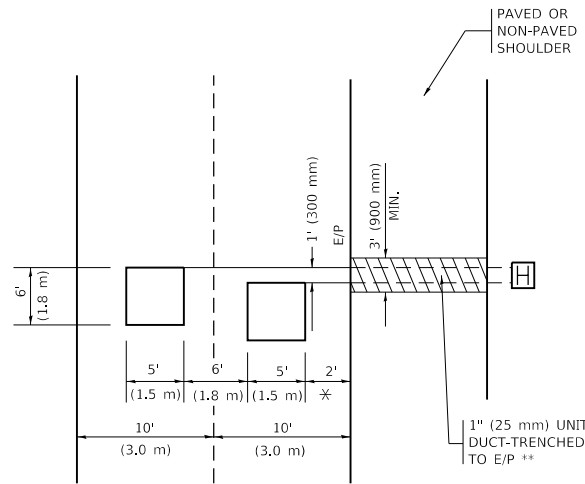
**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	2020-124-RS	WILL	73	72
TC-22			CONTRACT NO. 62M02	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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

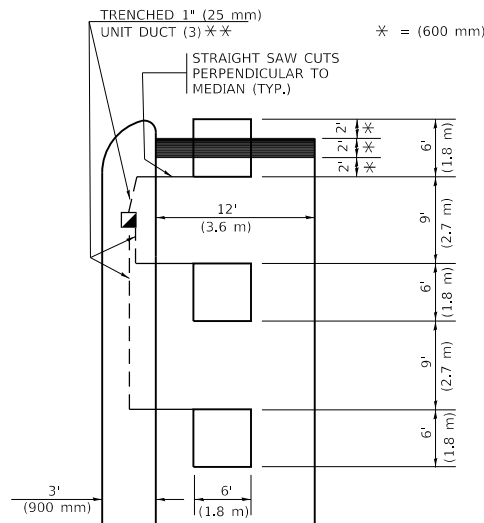


* = (600 mm)

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

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

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

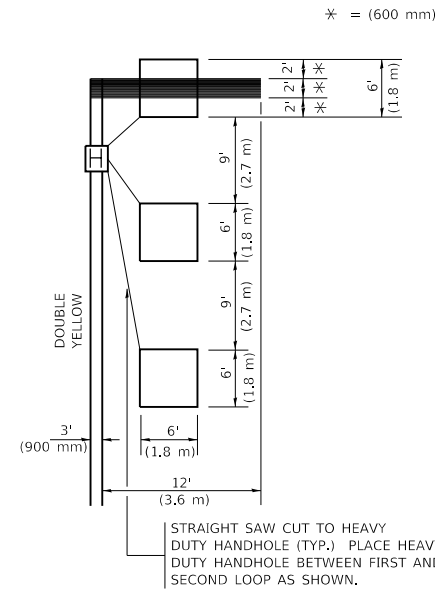


* = (600 mm)

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

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

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

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

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

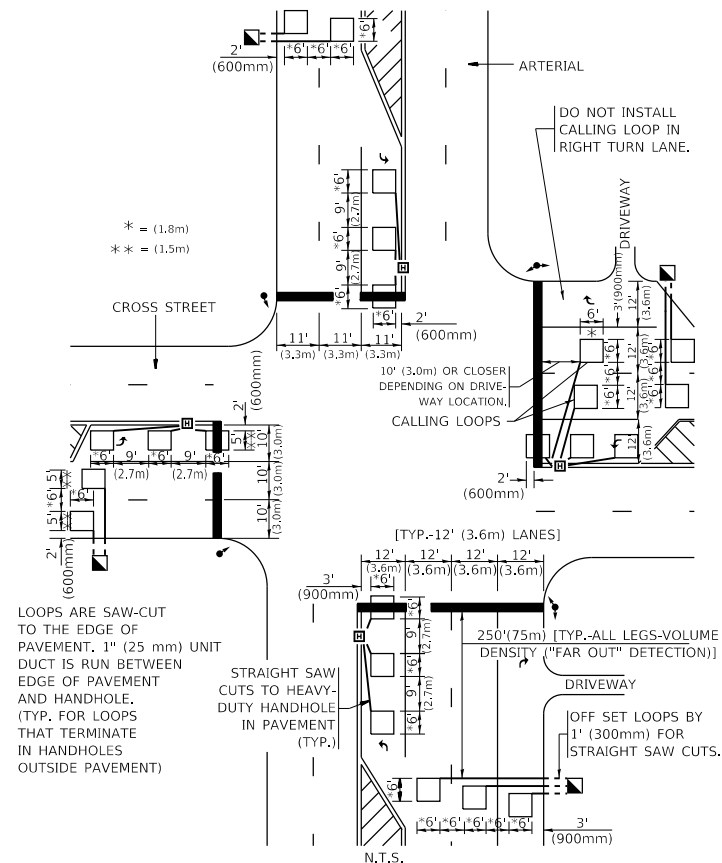
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

NOTE:

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

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

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



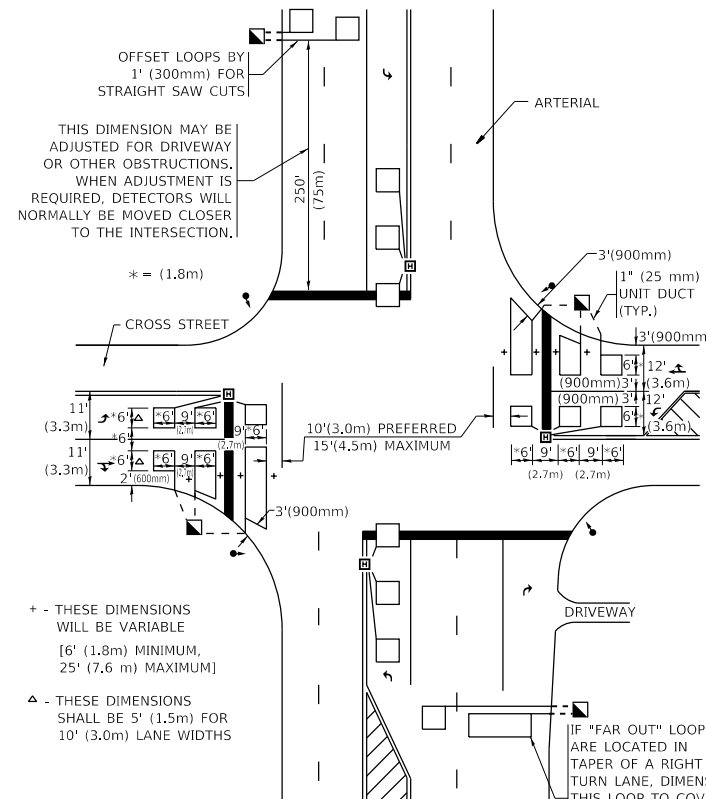
* = (1.8m)
 ** = (1.5m)

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

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

DETAIL 1
 N.T.S.

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



THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

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

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

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

DETAIL 2
 N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

USER NAME = qureshya	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - R.K.F.	REVISED -
PLOT DATE = 12/10/2020	DATE -	REVISED -

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-124-RS	WILL	73	73
TS-07		CONTRACT NO. 62M02		