

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE	80	1
		ILLINOIS	CONTRACT NO. 62L56	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**PROPOSED
HIGHWAY PLANS**

F.A.P. 352: IL RTE. 137 (SHERIDAN RD.)
RUSSELL RD. TO GREENWOOD RD.
SECTION: 2020-078-RS&SW
PROJECT: NHPP-PISC(989)
SMART OVERLAY /ADA IMPROVEMENT
LAKE COUNTY

D-91-477-20



FOR INDEX OF SHEET, SEE SHEET NO.2

THE PROJECT IS LOCATED IN THE VILLAGES OF BEACH PARK, WINTHROP HARBOR AND CITY OF WAUKEGAN AND ZION

TRAFFIC DATA

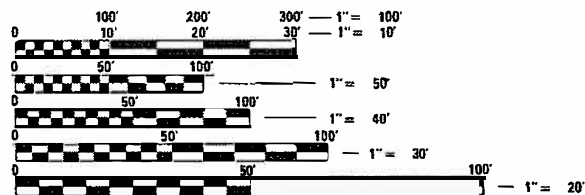
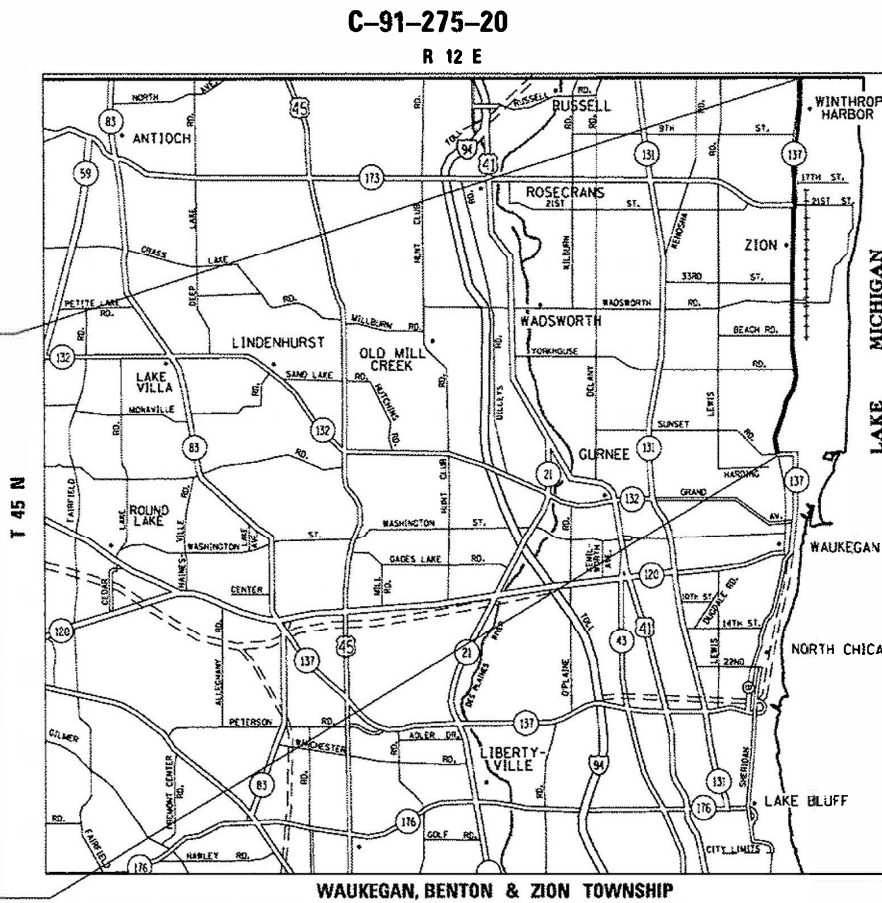
2019 ADT

IL. RTE. 137 (SHERIDAN RD.) = 18800 ADT

POSTED SPEED LIMIT

IL. RTE. 137 (SHERIDAN RD.) = 35 - 40 MPH

PROJECT ENDS
STA. 413+13



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 BEGINS
STA. 11+55

PROJECT MANAGER: ALAIN MIDY (847) 221-3056

GROSS AND NET LENGTH = 40158 FT. = 7.6 MILE

CONTRACT NO. 62L56

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED ~~DECEMBER 9 2020~~
Anthony D. Drayton REGIONAL ENGINEER
January 29, 2021
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
January 29, 2021
James J. Quinn
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
4-6	SUMMARY OF QUANTITIES
7	EXISTING AND PROPOSED TYPICAL SECTIONS
8-22	ROADWAY PLAN
23-47	ADA RAMPS
48-62	DETECTOR LOOP REPLACEMENT PLANS
63	ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS (PD-01)
64	ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS (PD-02)
65	ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS (PD-03)
66	ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH TURNING SPACE (PD-04)
67	ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS (PD-05)
68	ADA DETAIL FOR PARALLEL CURB RAMPS (PD-06)
69	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
70	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
71	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
72	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
73	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
74	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
75	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
76	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
77	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
78	ARTERIAL ROAD INFORMATION SIGN (TC-22)
79	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS (TC-23)
80	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

STATE HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424031-02	MEDIAN PEDESTRIAN CROSSING
442201-03	CLASS C AND D PATCHES
606001-07	COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-ROAD OPERATION, 2L, 2W, 15' to 24" FROM PAVEMENT EDGE
701011-04	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-ROAD OPERATION, Multilane, 15' to 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE , 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE , 2L, 2W, MOVING OPERATIONS-DAY ONLY
701427-05	LANE CLOSURE , MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	LANE CLOSURE MULTILANE, 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

REV-SEP

FILE NAME =	USER NAME = obebowa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES IL. ROUTE 137 (SHERIDAN ROAD)- RUSSELL RD. TO GREENWOOD RD.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLLOT DATE = 1/4/2021	DATE -	REVISED -			SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT CONTRACT NO. 62L56			

GENERAL NOTES

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 REQUIRED)

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF BEACH PARK, WINTHROP HARBOR AND CITIES OF WAUKEGAN AND ZION

FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

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

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

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

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

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

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

ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER/TECHNICIAN.

DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.

WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.

BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY , IDOT AREA TRAFFIC FIELD ENGINEER VIA E-MAIL AT WALTER.CZARNY@ILLINOIS.GOV, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE RESIDENT ENGINEER.

ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.

PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.

GENERAL NOTES

SAW CUTTING OF PAVEMENTS, SIDEWALK, CURB & GUTTER, ETC. SHALL BE TO FULL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.

TWO (2) FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OR WORK TO EXISTING CURBS AND GUTTER AND CONDITIONS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK.

THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN IN THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.

LANDSCAPED AREAS AFFECTED BY SIDEWALK CONSTRUCTION SHALL BE RESTORED WITH "SODDING, SALT TOLERANT" AND "TOPSOIL FURNISH AND PLACE, 4-INCH" INSTALLED FROM THE BACK OF SIDEWALK OR AS DIRECTED BY THE RESIDENT ENGINEER.

THE SIDEWALK ON ONLY ONE SIDE OF THE ROAD MAY BE CLOSED AT ANY TIME, WHILE THE SIDEWALK ON THE OTHER SIDE OF THE ROAD SHALL REMAIN OPEN AND FULLY ACCESSIBLE. THE CONTRACTOR SHALL PLAN AND SCHEDULE ALL WORK ACCORDINGLY.

CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.

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

FILE NAME =	USER NAME = abebawa	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES IL. ROUTE 137 (SHERIDAN ROAD)- RUSSELL RD. TO GREENWOOD RD.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\planroom.dot\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0147720\Drawings\Design\0147720-sht-plan.dgn		CHECKED -	REVISED -			352	2020-078-R5&SW	LAKE	80	3	
Default	PLOT SCALE = 100.0739' / in.	DATE -	REVISED -			CONTRACT NO. 62L56					
	PLOT DATE = 12/10/2020					SCALE:	SHEET	OF	SHEETS	STA.	TO
						ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN	0005 OVERLAY 80% FED 20% STATE				
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	990	990					
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	14	14					
20101200	TREE ROOT PRUNING	EACH	7	7					
20200100	EARTH EXCAVATION	CU YD	317	317					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	545	545					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	8.5	8.5					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	8.5	8.5					
25200110	SODDING, SALT TOLERANT	SO YD	545	545					
25200200	SUPPLEMENTAL WATERING	UNIT	7	7					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	113714	113714					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	379	379					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1266	1266					
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	566	566					
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N50	TON	10	10					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN	0005 OVERLAY 80% FED 20% STATE				
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	21227	21227					
42001300	PROTECTIVE COAT	SO YD	3516	3516					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	11756	11756					
42400800	DETECTABLE WARNINGS	SO FT	1481	1481					
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SO YD	252698	252698					
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	37	37					
44000600	SIDEWALK REMOVAL	SO FT	12300	12300					
44000300	CURB REMOVAL	FT	40	40					
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 4"	SO YD	2527	2527					
44004250	PAVED SHOULDER REMOVAL	SO YD	13	13					
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	155	155					
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	1010	1010					
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	758	758					
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	758	758					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	4	4					

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 137 (RUSSELL RD. TO GREENWOOD RD.)
SUMMARY OF QUANTITIES**

F.A.P. RTE. 352	SECTION 2020-07B-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 4
SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 62L56	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REV-SEP

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN	0005 OVERLAY 80% FED 20% STATE				
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1					
60255500	MANHOLES TO BE ADJUSTED	EACH	6	6					
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	6	6					
60260100	INLETS TO BE ADJUSTED	EACH	7	7					
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	5	5					
60266600	VALVE BOXES TO BE ADJUSTED	EACH	4	4					
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	60	60					
60404950	FRAMES AND GRATES, TYPE 24	EACH	15	15					
60600605	CONCRETE CURB, TYPE B	FOOT	132	132					
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	205	205					
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10					
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1					
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	30	30					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6					
67100100	MOBILIZATION	L SUM	1	1					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN	0005 OVERLAY 80% FED 20% STATE				
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	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	1					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	28518	28518					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	9506	9506					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2718	2718					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	156860	156860					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	10398	10398					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	6319	6319					

* SPECIALTY ITEMS

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN	0005 OVERLAY 80% FED 20% STATE				
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2056	2056					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	14259	14259					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	2718	2718					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	156860	156860					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	10398	10398					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6319	6319					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2056	2056					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	5101	5101					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	4251	4251					
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	10	10					
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	9130	9130					
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	40	40					

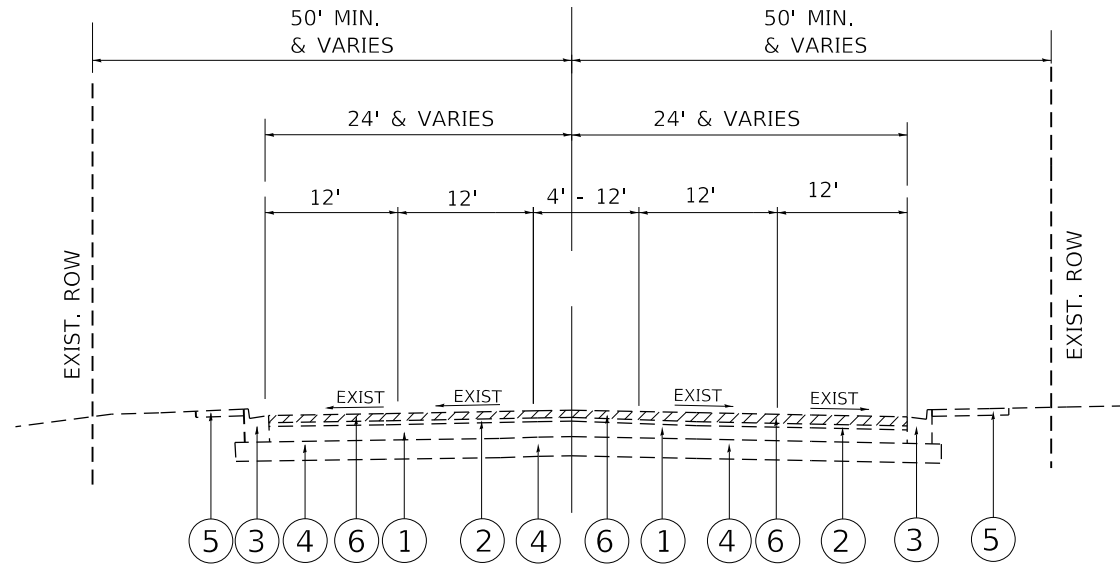
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN	0005 OVERLAY 80% FED 20% STATE				
* 89502376	REBUILD EXISTING HANDHOLE	EACH	9	9					
K1003680	MULCH	SO YD	43	43					
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
X0327036	BIKE PATH REMOVAL	SO YD	125	125					
X1700067	STAMPED COLORED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SO FT	1422	1422					
X4403300	CONCRETE MEDIAN REMOVAL	SO FT	50	50					
X4421825	CLASS D PATCHES, TYPE I, 9 INCH (SPECIAL)	SO YD	62	62					
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	4320	4320					
X4421826	CLASS D PATCHES, TYPE II, 9 INCH (SPECIAL)	SO YD	158	158					
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	105	105					
X4421829	CLASS D PATCHES, TYPE III, 9 INCH (SPECIAL)	SO YD	175	175					
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	68117	68117					
X4421827	CLASS D PATCHES, TYPE IV, 9 INCH (SPECIAL)	SO YD	102	102					
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	6000	6000					
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	360	360					
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	10	10					
Z0033700	LONGITUDINAL JOINT SEALER	FT	91380	91380					
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	385.5	385.5					
Z0076600	TRAINEES	HOURS	1000	1000					
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	1000	1000					

* SPECIALTY ITEMS

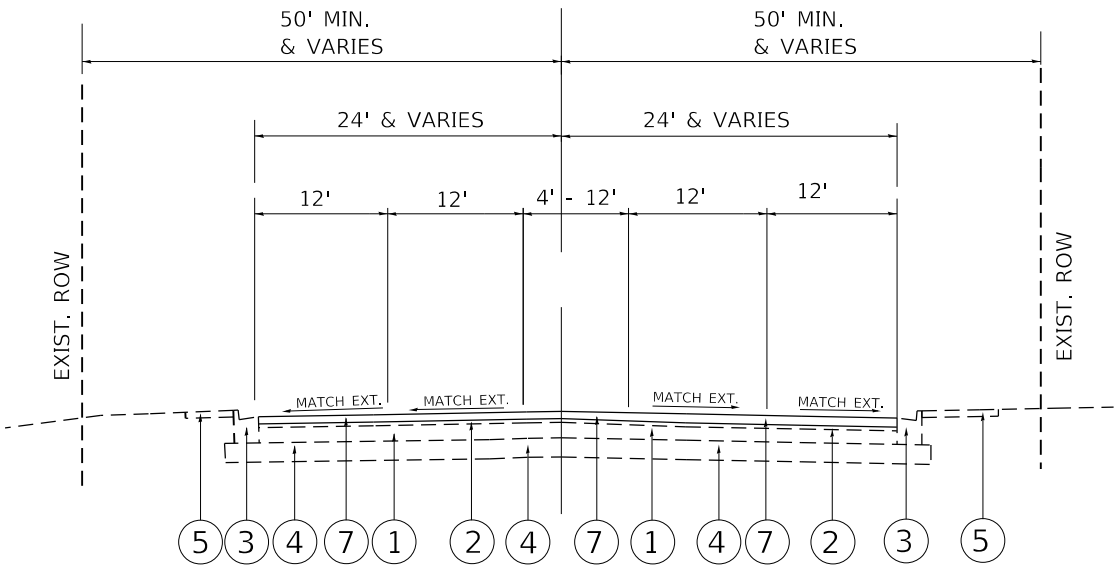
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□ NON-PART 100% STATE

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EXISTING TYPICAL SECTION
 IL RTE 137 (SHERIDAN RD.)
 STA. 11+55 TO STA. 413+13



PROPOSED TYPICAL SECTION
 IL RTE 137 (SHERIDAN RD.)
 STA. 11+55 TO STA. 413+13

LEGEND

- ① EXIST. P.C.C. PAVEMENT ± 10"
- ② EXIST. HOT-MIX ASPHALT PAVEMENT AFTER MILLING ± 3"
- ③ EXIST. COMBINATION CONC. CURB AND GUTTER
- ④ EXIST. AGGREGATE SUBGRADE
- ⑤ EXIST. SIDEWALK
- ⑥ PROP. HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
- ⑦ PROP. HMA SURFACE COURSE, MIX "D", N70, IL-9.5, 1 1/2"

MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE USES	VOIDS @ Ndes	
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5 mm)	4% AT 70 GYR.	PFP
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	4% AT 70 GYR.	QC/QA
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	4% AT 50 GYR.	QC/QA
PATCHING		
CLASS D PATCHES (HMA BINDER, IL-19.0)	4% AT 70 GYR.	QC/QA
HOT-MIX REPLACEMENT OVER PATCHES (HMA BINDER, IL-19.0)	4% AT 70 GYR.	QC/QA
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP)		

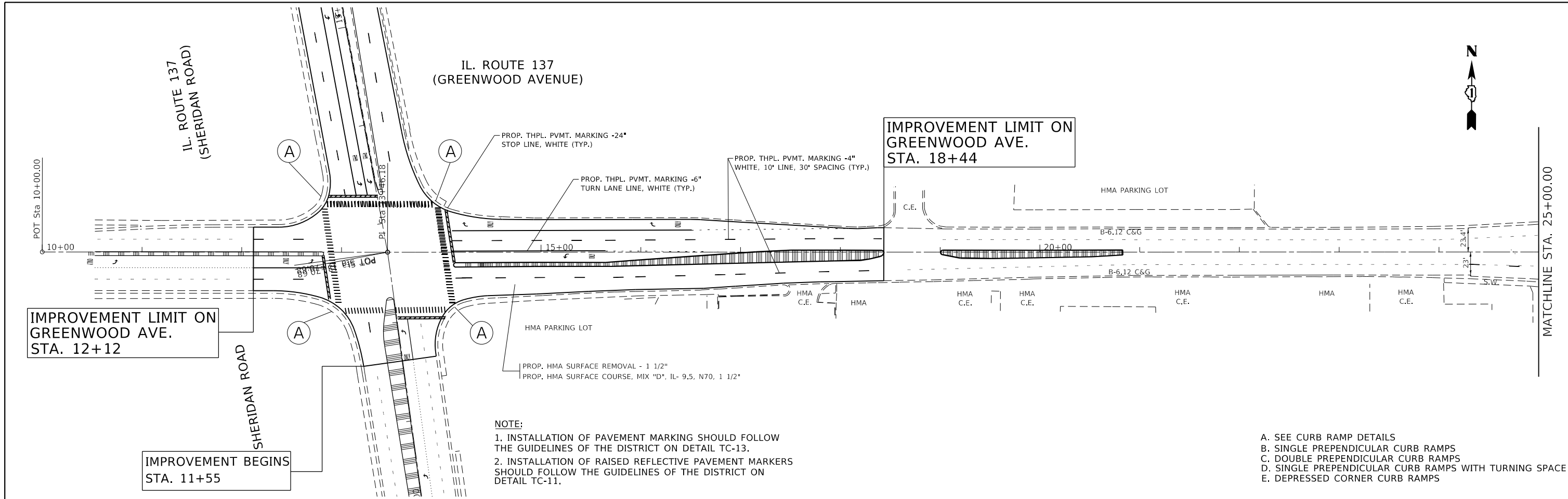
NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN
 NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS.
 FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
 QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

NOTE A:
 THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER MILLED SURFACE

THE CONTRACTOR SHALL PATCH FIRST THEN MILL

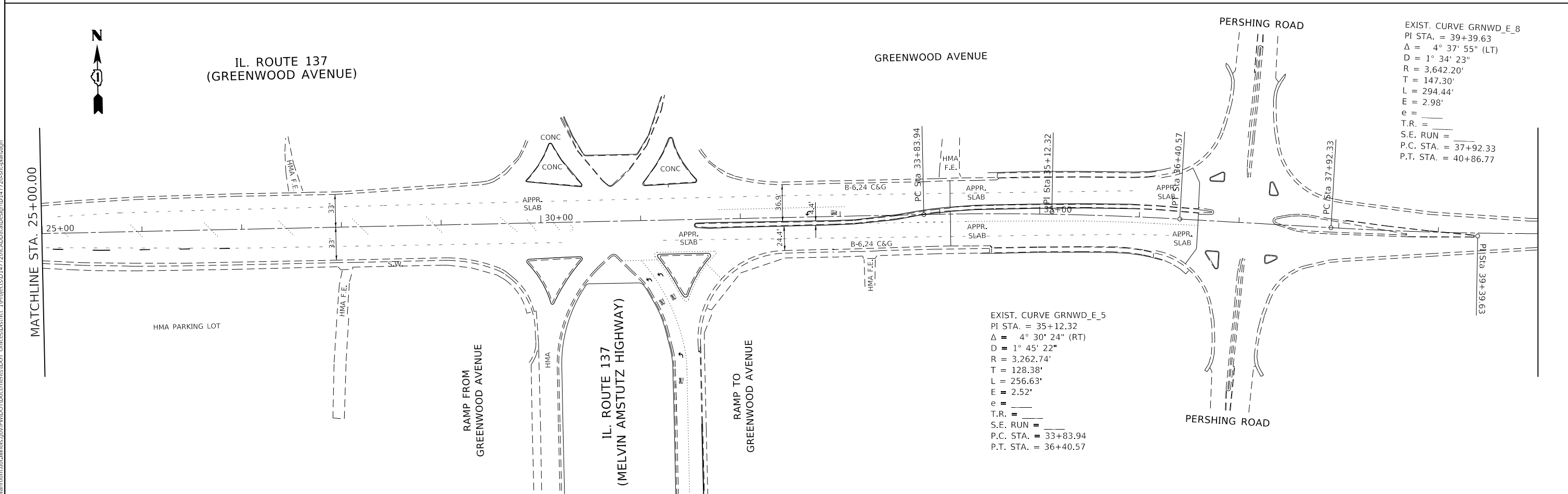
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USER NAME = abebawa PLOT SCALE = 100.1135' / in. PLOT DATE = 12/30/2020	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. ROUTE 137 (SHERIDAN ROAD)- RUSSELL RD. TO GREENWOOD RD.				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						352	2020-078-R565W	LAKE	80	7
	CHECKED -	REVISED -						CONTRACT NO. 62L56				
DATE -	REVISED -	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT			



NOTE:
 1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

A. SEE CURB RAMP DETAILS
 B. SINGLE PREPENDICULAR CURB RAMPS
 C. DOUBLE PREPENDICULAR CURB RAMPS
 D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
 E. DEPRESSED CORNER CURB RAMPS



EXIST. CURVE GRNWD_E_5
 PI STA. = 35+12.32
 $\Delta = 4^\circ 30' 24''$ (RT)
 $D = 1^\circ 45' 22''$
 $R = 3,262.74'$
 $T = 128.38'$
 $L = 256.63'$
 $E = 2.52'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 33+83.94
 P.T. STA. = 36+40.57

EXIST. CURVE GRNWD_E_8
 PI STA. = 39+39.63
 $\Delta = 4^\circ 37' 55''$ (LT)
 $D = 1^\circ 34' 23''$
 $R = 3,642.20'$
 $T = 147.30'$
 $L = 294.44'$
 $E = 2.98'$
 $e =$
 T.R. =
 S.E. RUN =
 P.C. STA. = 37+92.33
 P.T. STA. = 40+86.77

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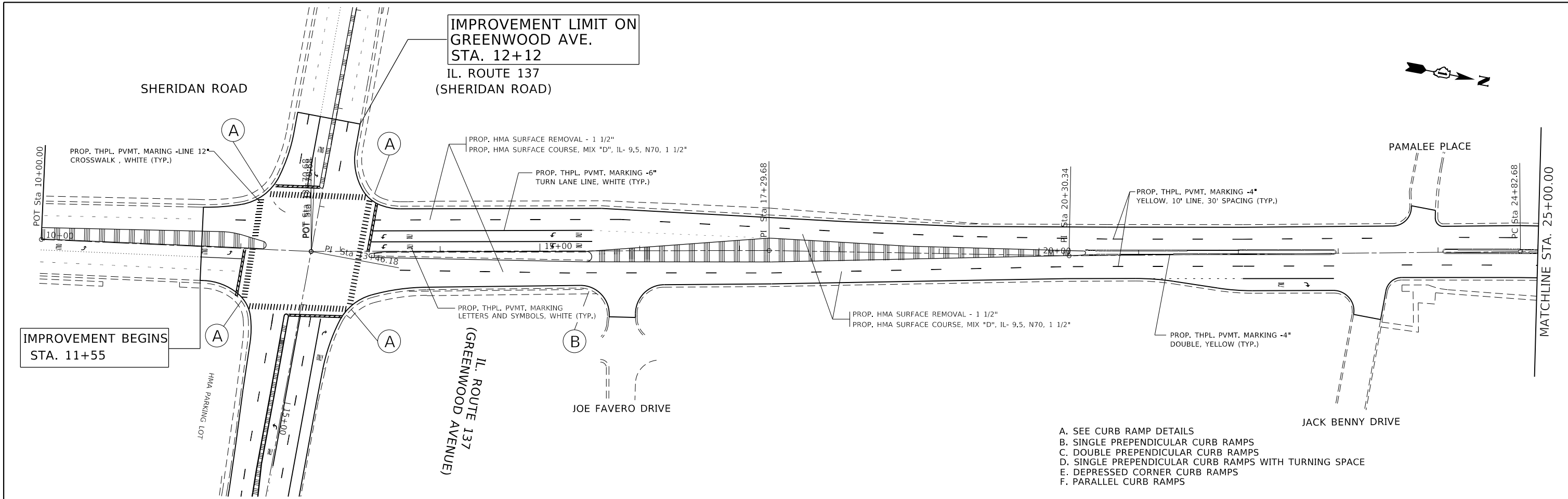
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	DRAWN -	REVISED -
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PLOT DATE = 1/15/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

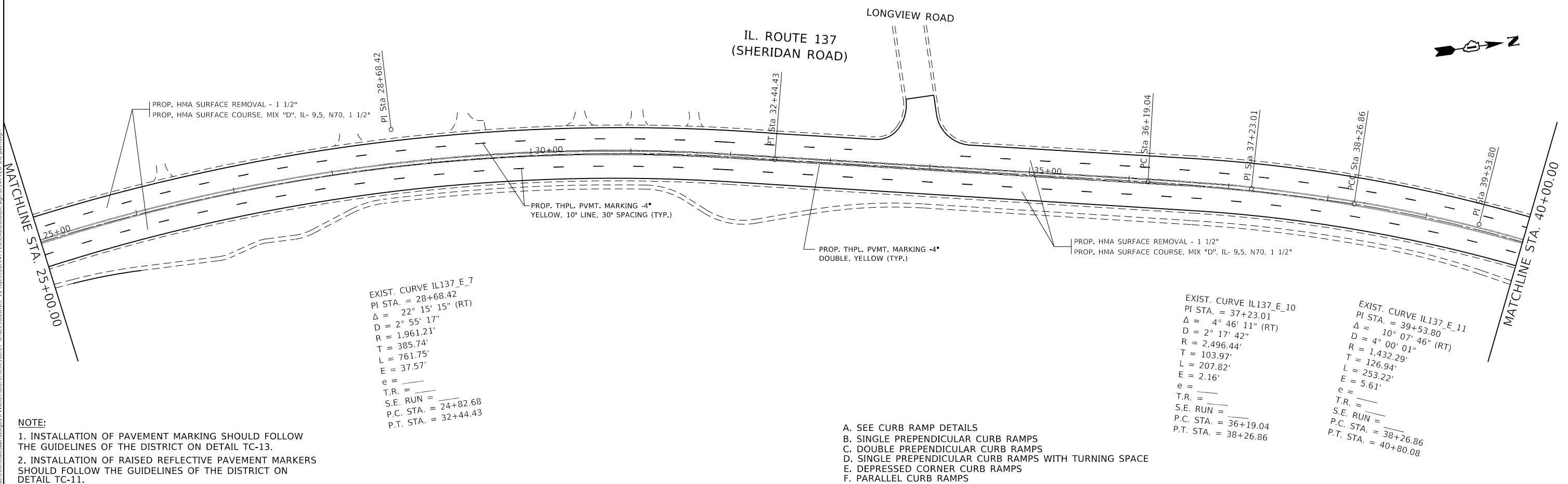
**EXISTING AND PROPOSED ROADWAY PLAN
 IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)**

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

F.A.P. RTE. 352	SECTION 2020-078-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 8
CONTRACT NO. 62L56			ILLINOIS FED. AID PROJECT	



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS



EXIST. CURVE IL137_E_7
 PI STA. = 28+68.42
 $\Delta = 22^\circ 15' 15"$ (RT)
 $D = 2^\circ 55' 17"$
 $R = 1,961.21'$
 $T = 385.74'$
 $L = 761.75'$
 $E = 37.57'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 24+82.68$
 $P.T. STA. = 32+44.43$

EXIST. CURVE IL137_E_10
 PI STA. = 37+23.01
 $\Delta = 4^\circ 46' 11"$ (RT)
 $D = 2^\circ 17' 42"$
 $R = 2,496.44'$
 $T = 103.97'$
 $L = 207.82'$
 $E = 2.16'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 36+19.04$
 $P.T. STA. = 38+26.86$

EXIST. CURVE IL137_E_11
 PI STA. = 39+53.80
 $\Delta = 10^\circ 07' 46"$ (RT)
 $D = 4^\circ 00' 01"$
 $R = 1,432.29'$
 $T = 126.94'$
 $L = 253.22'$
 $E = 5.61'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 38+26.86$
 $P.T. STA. = 40+80.08$

- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS

NOTE:
 1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

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PLOT SCALE = 99.9965' / in.	DRAWN -	REVISED -
PLOT DATE = 1/15/2021	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)**

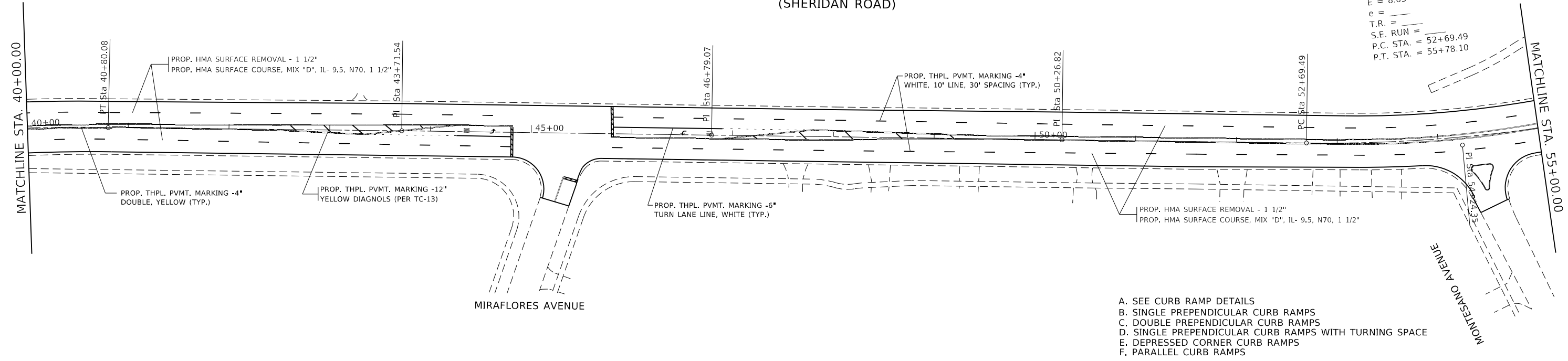
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F.A.P. RTE. = 352	SECTION = 2020-078-R5&SW	COUNTY = LAKE	TOTAL SHEETS = 80	SHEET NO. = 9
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L56	

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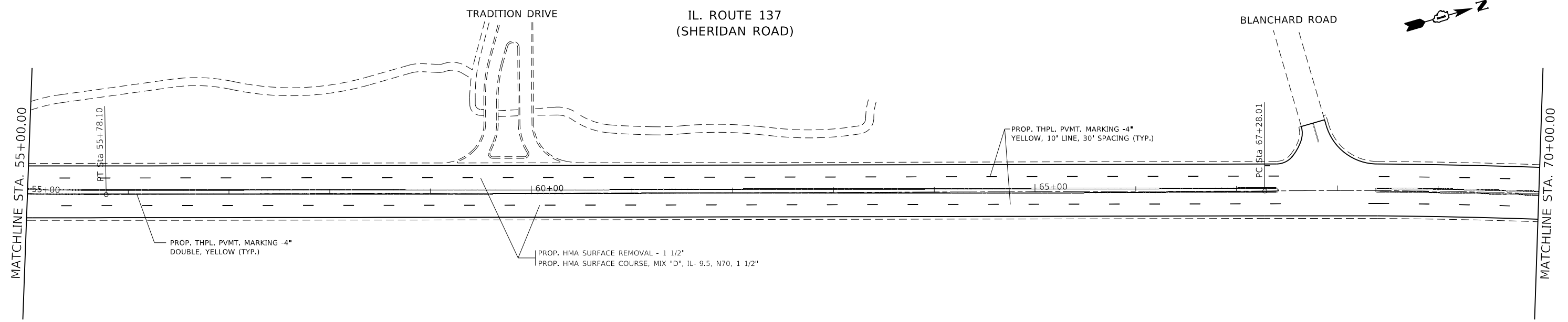
IL. ROUTE 137
(SHERIDAN ROAD)

EXIST. CURVE IL137_E_20
 PI STA. = 54+24.35
 $\Delta = 11^\circ 52' 19"$ (LT)
 $D = 3^\circ 50' 49"$
 $R = 1,489.41'$
 $T = 154.86'$
 $L = 308.61'$
 $E = 8.03'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 52+69.49$
 $P.T. STA. = 55+78.10$



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS

IL. ROUTE 137
(SHERIDAN ROAD)



NOTE:

1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

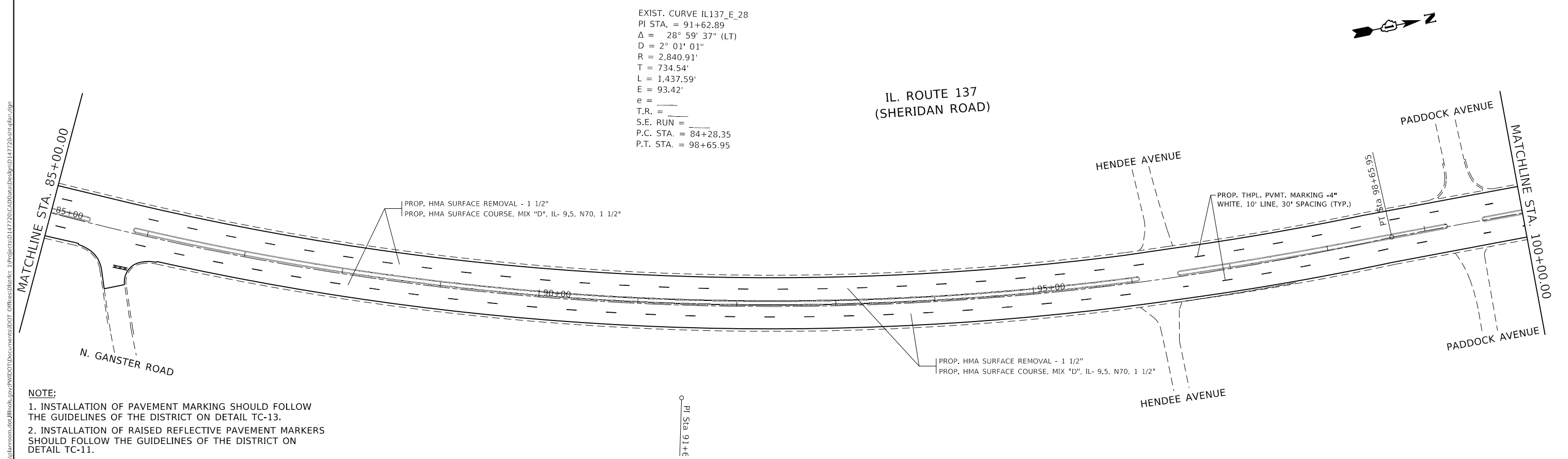
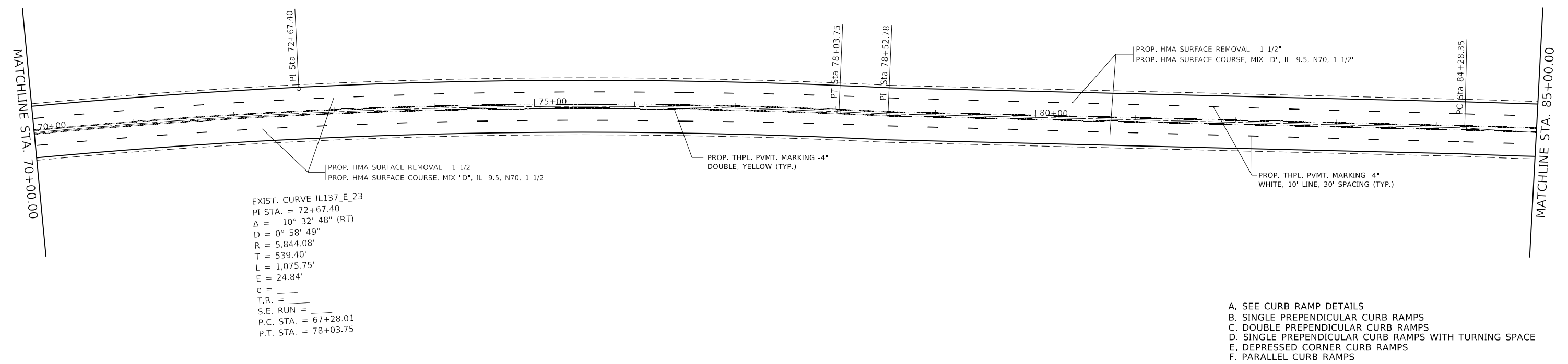
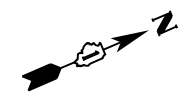
EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&SW	LAKE	80	10
			CONTRACT NO. 62L56	
ILLINOIS FED. AID PROJECT				

USER NAME = abebawa	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 1/15/2021	DATE -	REVISED -

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NOTE:
 1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

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	DRAWN -	REVISED -
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PLOT DATE = 1/15/2021	DATE -	REVISED -

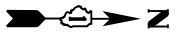
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)

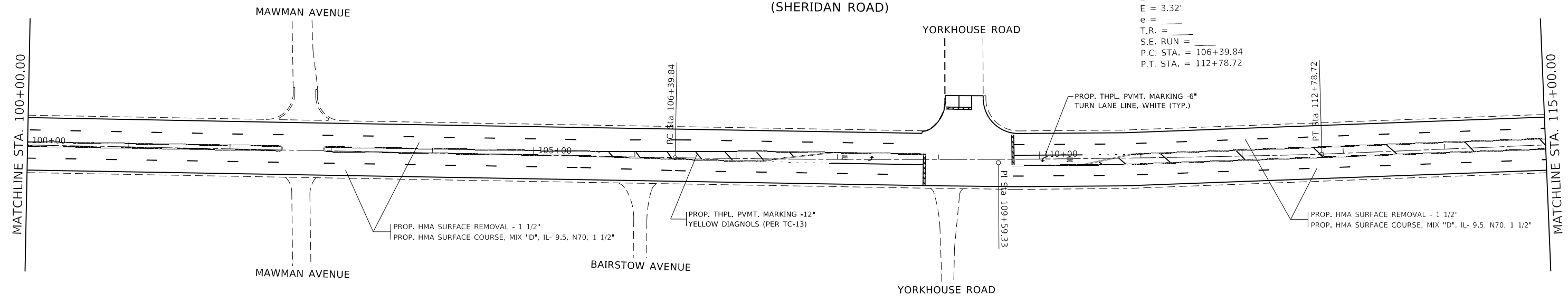
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. = 352	SECTION = 2020-078-RS&SW	COUNTY = LAKE	TOTAL SHEETS = 80	SHEET NO. = 11
CONTRACT NO. 62L56			ILLINOIS FED. AID PROJECT	

EXIST. CURVE IL137_E_31
 PI STA. = 109+59.33
 Δ = 2° 22' 41" (LT)
 D = 0° 22' 20"
 R = 15,392.42'
 T = 319.49'
 L = 638.88'
 E = 3.32'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 106+39.84
 P.T. STA. = 112+78.72



IL. ROUTE 137
(SHERIDAN ROAD)

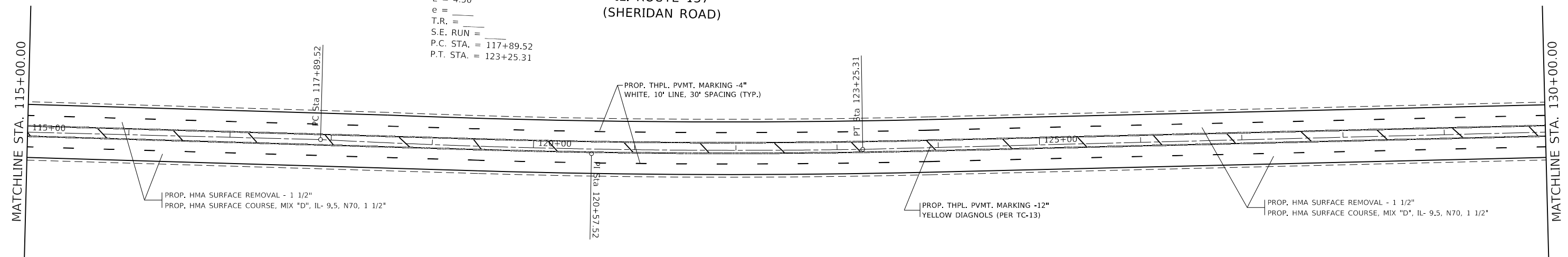


- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS

EXIST. CURVE IL137_E_34
 PI STA. = 120+57.52
 Δ = 3° 51' 07" (LT)
 D = 0° 43' 08"
 R = 7,969.49'
 T = 268.00'
 L = 535.79'
 E = 4.50'
 e = _____
 T.R. = _____
 S.E. RUN = _____
 P.C. STA. = 117+89.52
 P.T. STA. = 123+25.31



IL. ROUTE 137
(SHERIDAN ROAD)



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS

NOTE:
 1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

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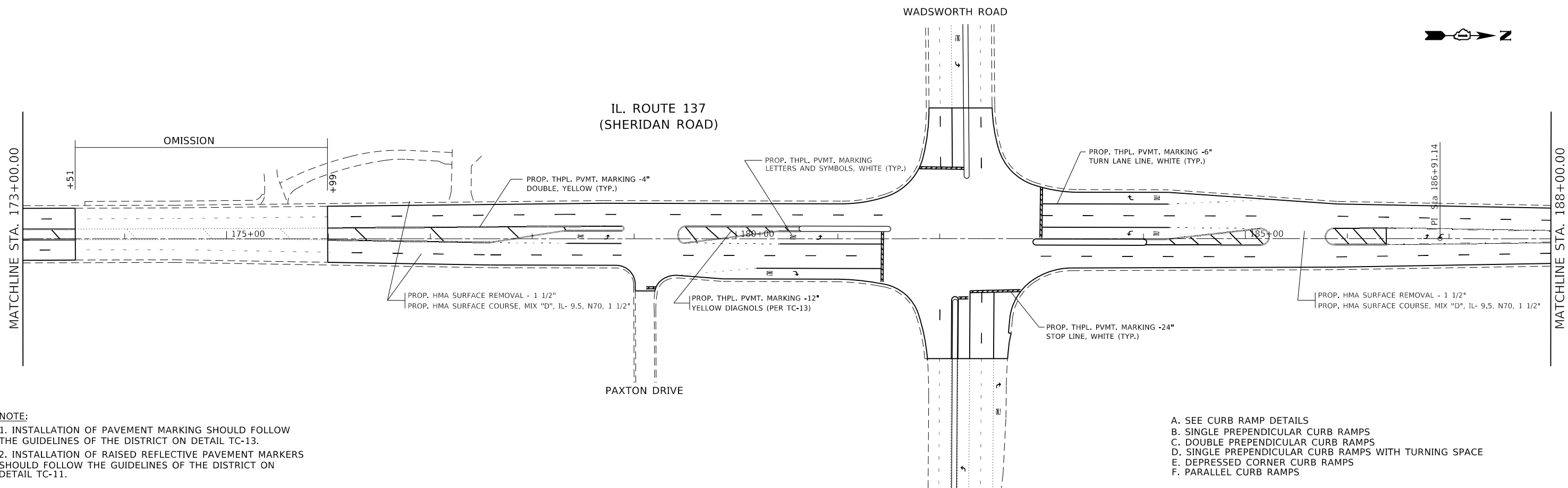
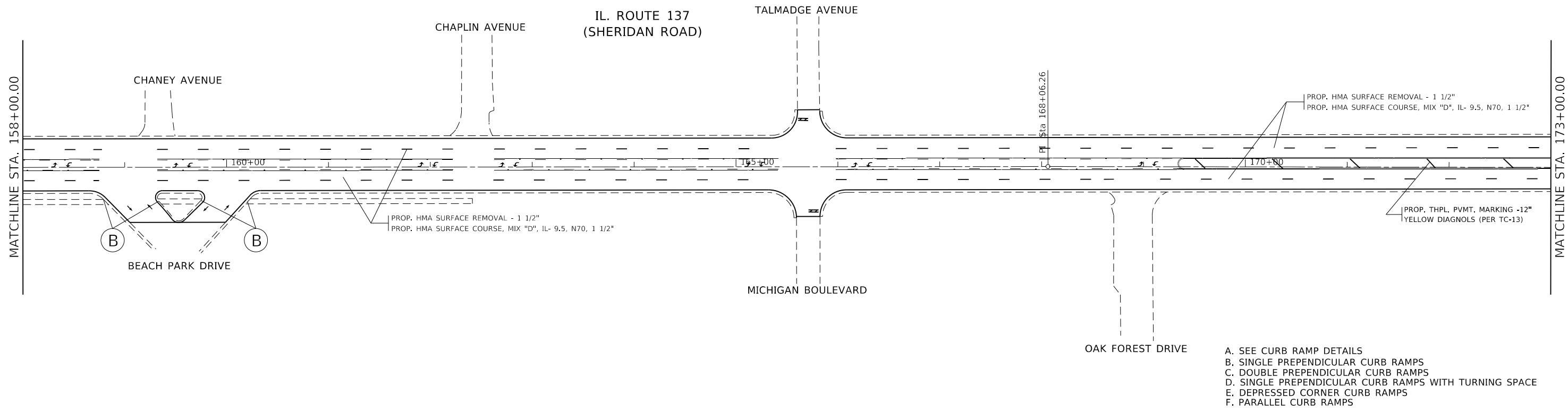
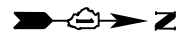
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE	80	12
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



NOTE:

1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

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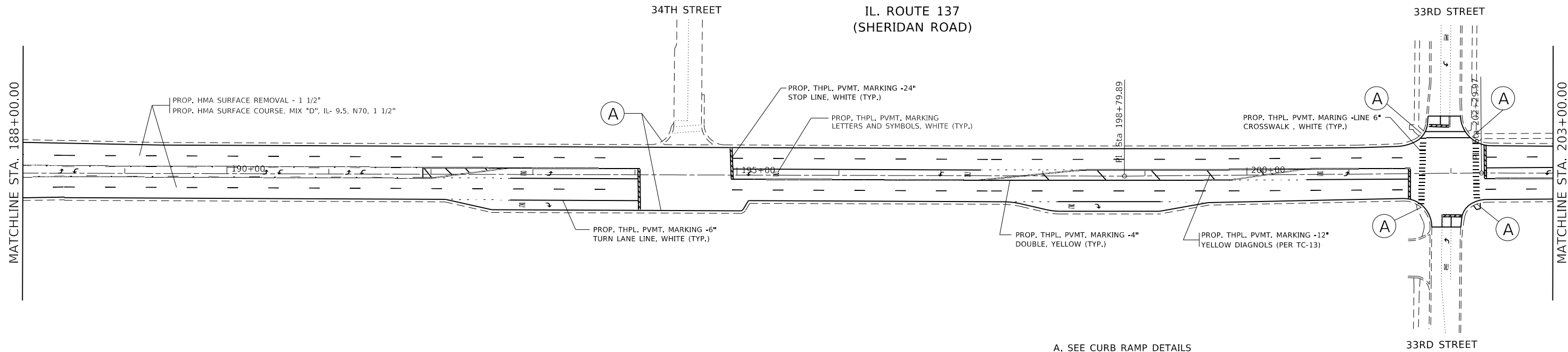
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

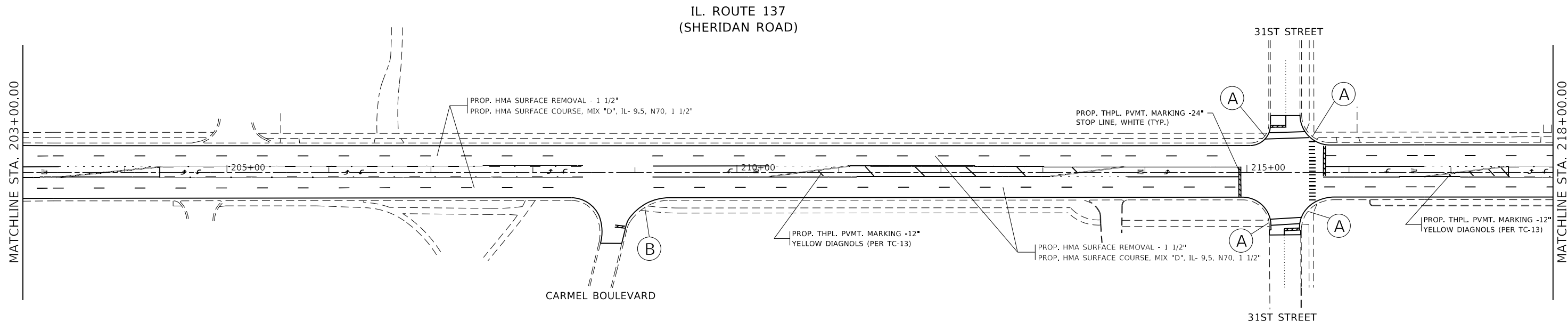
**EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE	80	14
CONTRACT NO. 62L56			ILLINOIS FED. AID PROJECT	



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS

NOTE:
 1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

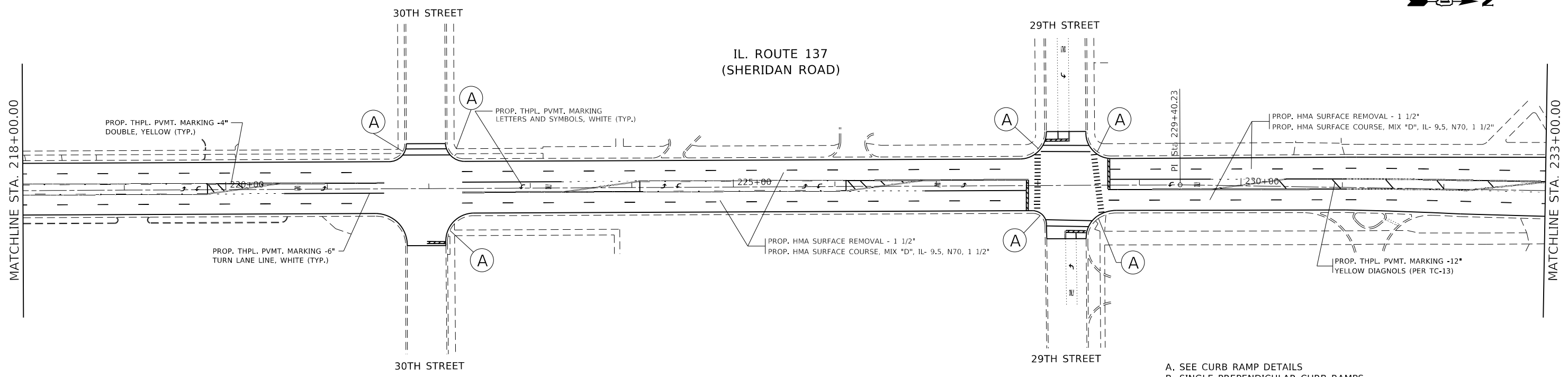
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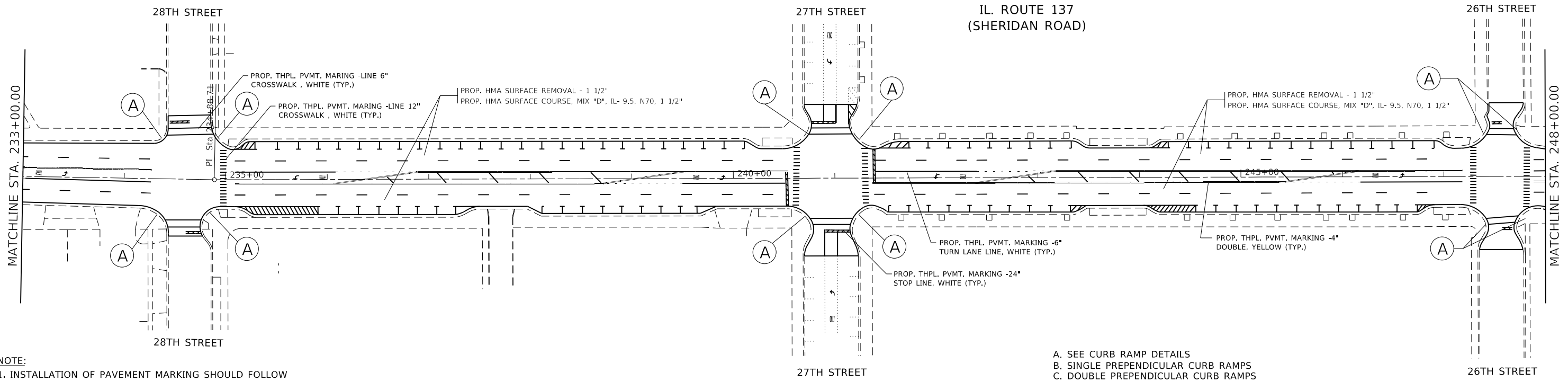
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED ROADWAY PLAN			
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)			
SCALE: 1"= 50'	SHEET	OF	SHEETS
STA.	TO STA.		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&SW	LAKE	80	15
CONTRACT NO. 62L56			ILLINOIS FED. AID PROJECT	



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS

NOTE:
 1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

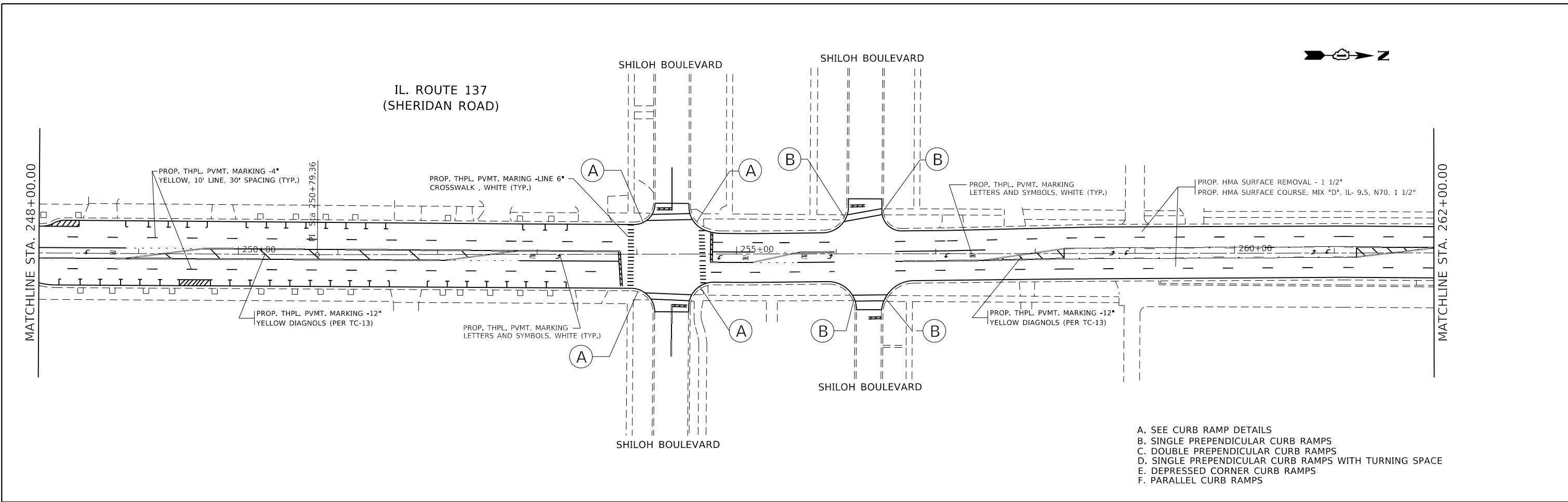
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DRAWN -	REVISED -	
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PLOT DATE = 1/15/2021	DATE -	REVISED -

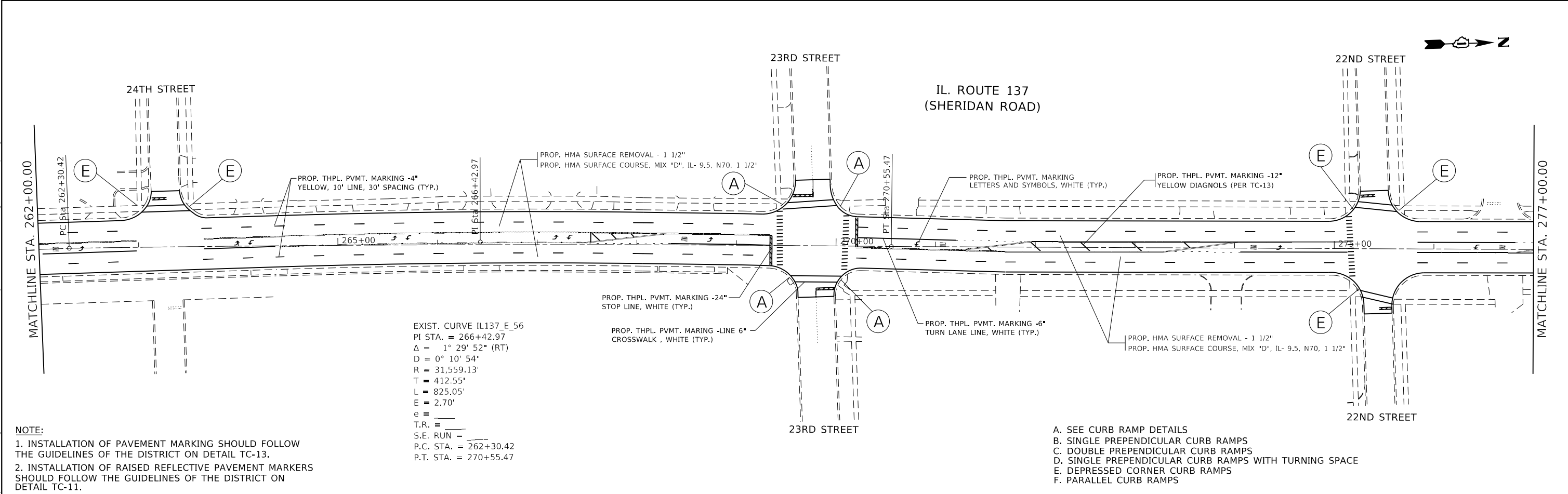
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED ROADWAY PLAN			
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)			
SCALE: 1" = 50'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.P. RTE. 352	SECTION 2020-078-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 16
				CONTRACT NO. 62L56
ILLINOIS FED. AID PROJECT				



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMP
- C. DOUBLE PREPENDICULAR CURB RAMP
- D. SINGLE PREPENDICULAR CURB RAMP WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMP
- F. PARALLEL CURB RAMP



EXIST. CURVE IL137_E_56
 PI STA. = 266+42.97
 $\Delta = 1^\circ 29' 52''$ (RT)
 $D = 0^\circ 10' 54''$
 $R = 31,559.13'$
 $T = 412.55'$
 $L = 825.05'$
 $E = 2.70'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 262+30.42$
 $P.T. STA. = 270+55.47$

- NOTE:**
1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMP
- C. DOUBLE PREPENDICULAR CURB RAMP
- D. SINGLE PREPENDICULAR CURB RAMP WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMP
- F. PARALLEL CURB RAMP

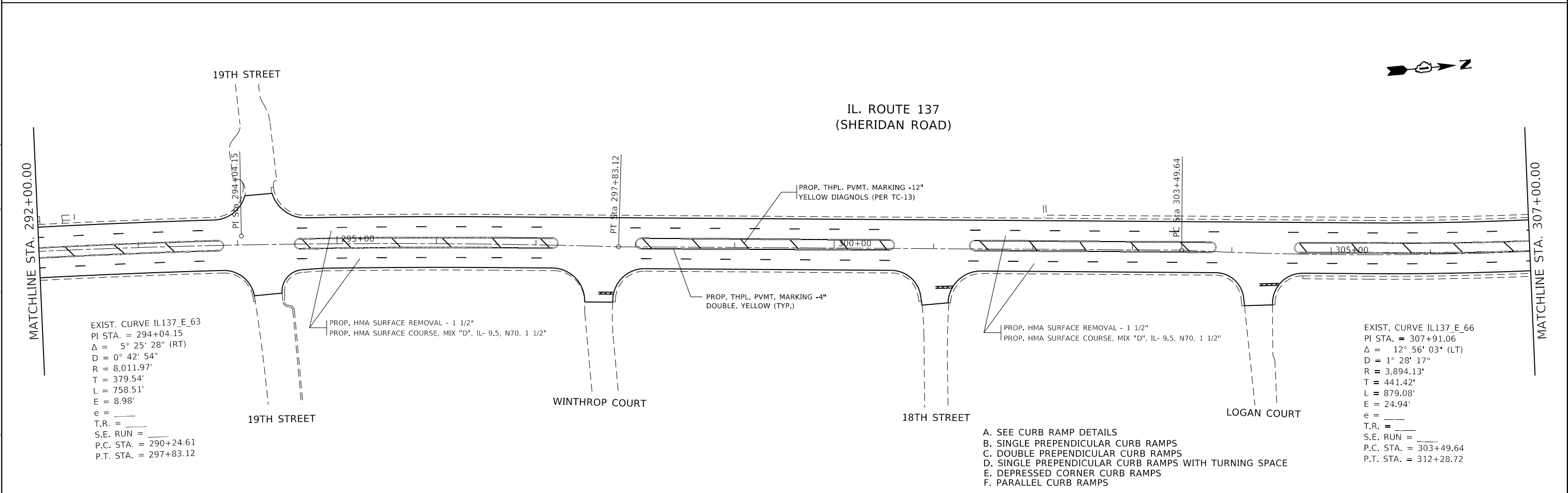
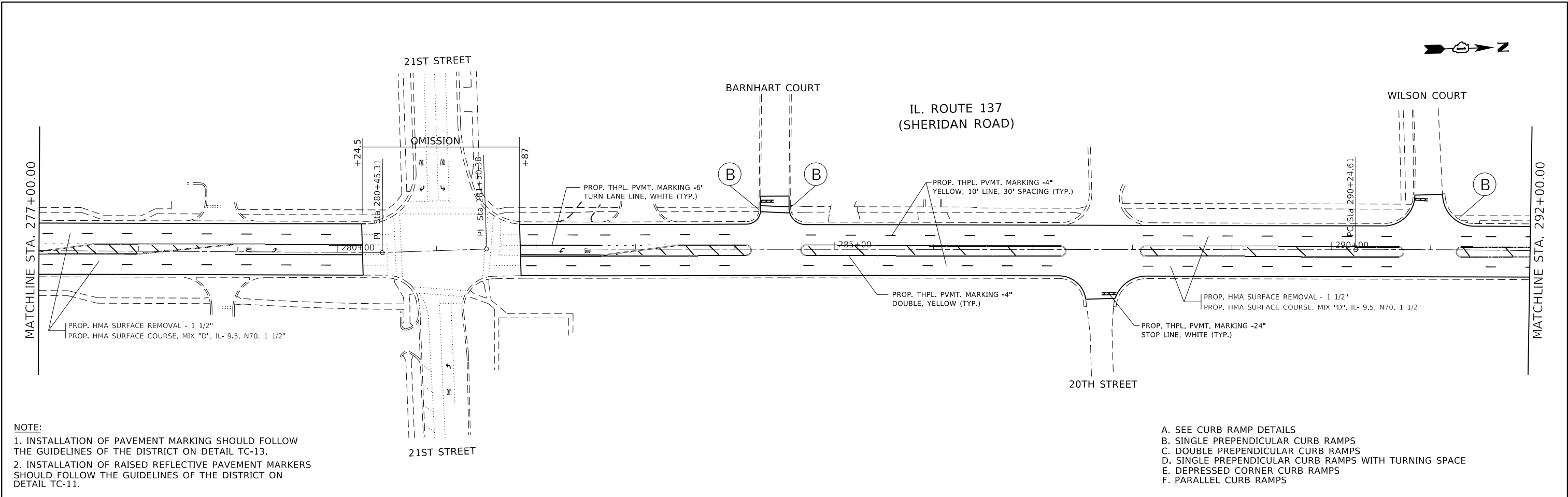
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	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED ROADWAY PLAN			
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)			
SCALE: 1"= 50'	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE. 352	SECTION 2020-078-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 17
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L56	



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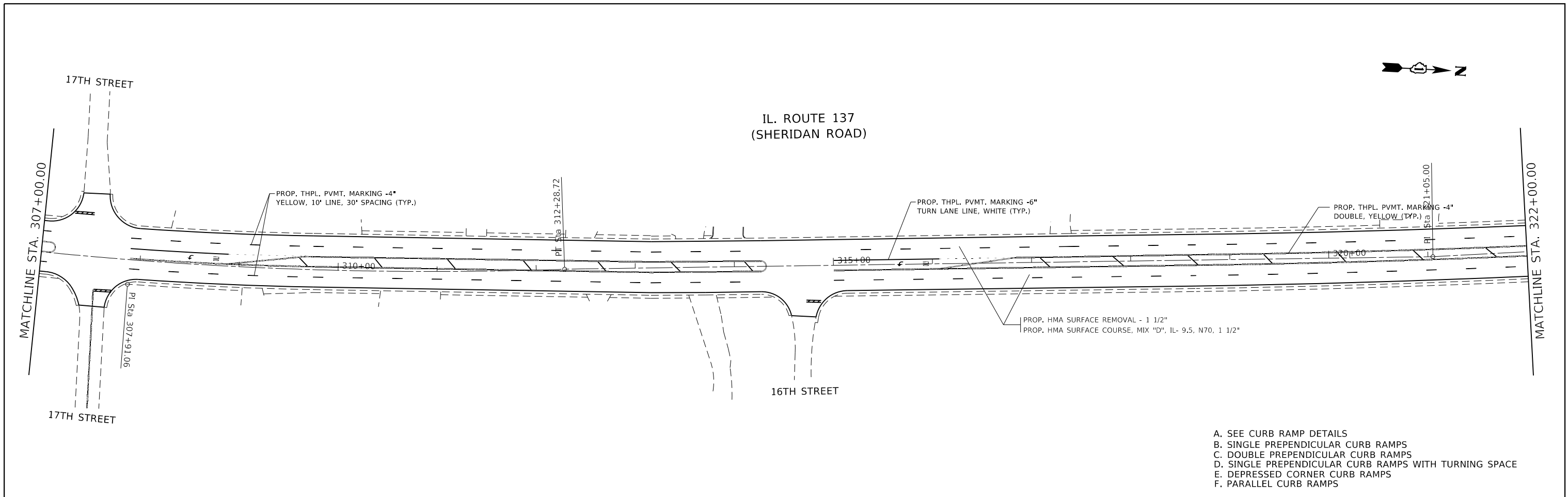
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

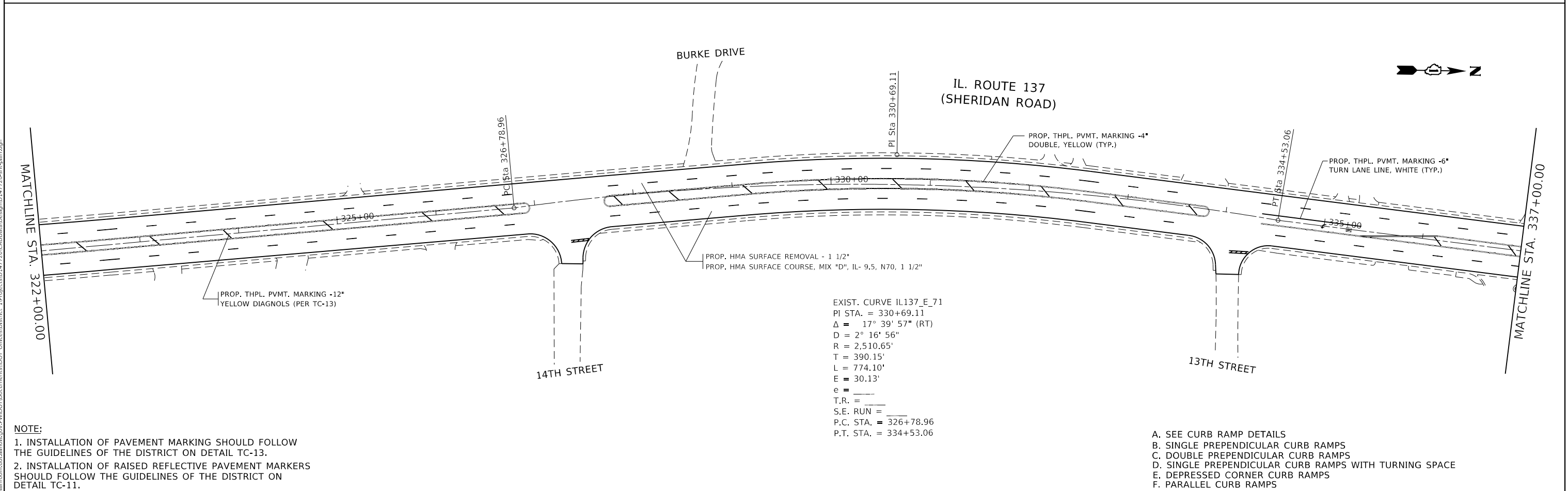
**EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&SW	LAKE	80	18
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMP
- C. DOUBLE PREPENDICULAR CURB RAMP
- D. SINGLE PREPENDICULAR CURB RAMP WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMP
- F. PARALLEL CURB RAMP



EXIST. CURVE IL137_E_71
 PI STA. = 330+69.11
 $\Delta = 17^\circ 39' 57''$ (RT)
 $D = 2^\circ 16' 56''$
 $R = 2,510.65'$
 $T = 390.15'$
 $L = 774.10'$
 $E = 30.13'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 326+78.96$
 $P.T. STA. = 334+53.06$

- NOTE:**
1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMP
- C. DOUBLE PREPENDICULAR CURB RAMP
- D. SINGLE PREPENDICULAR CURB RAMP WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMP
- F. PARALLEL CURB RAMP

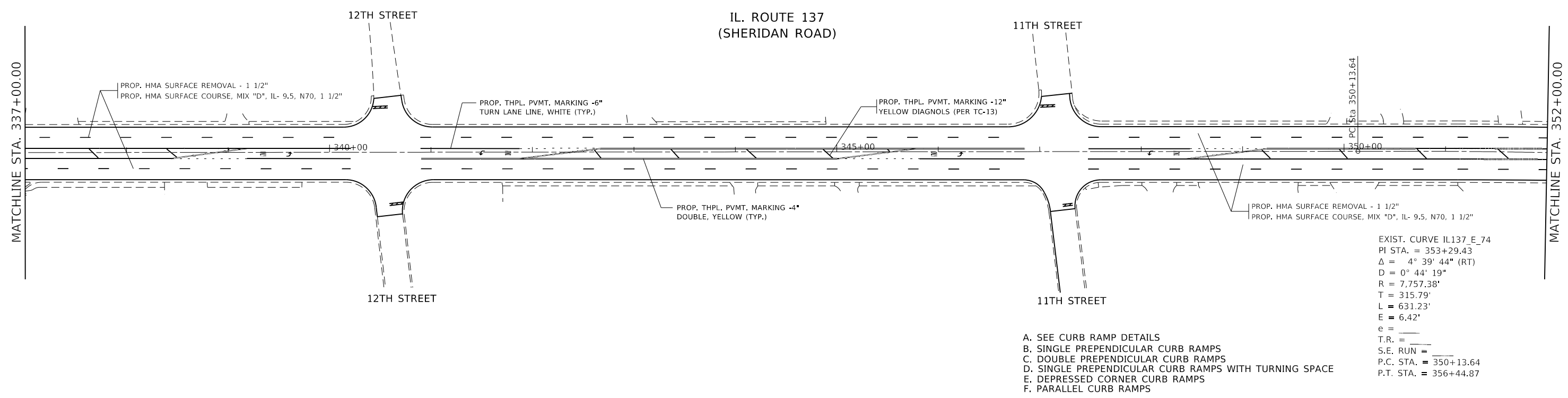
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	DRAWN -	REVISED -
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PLOT DATE = 1/15/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

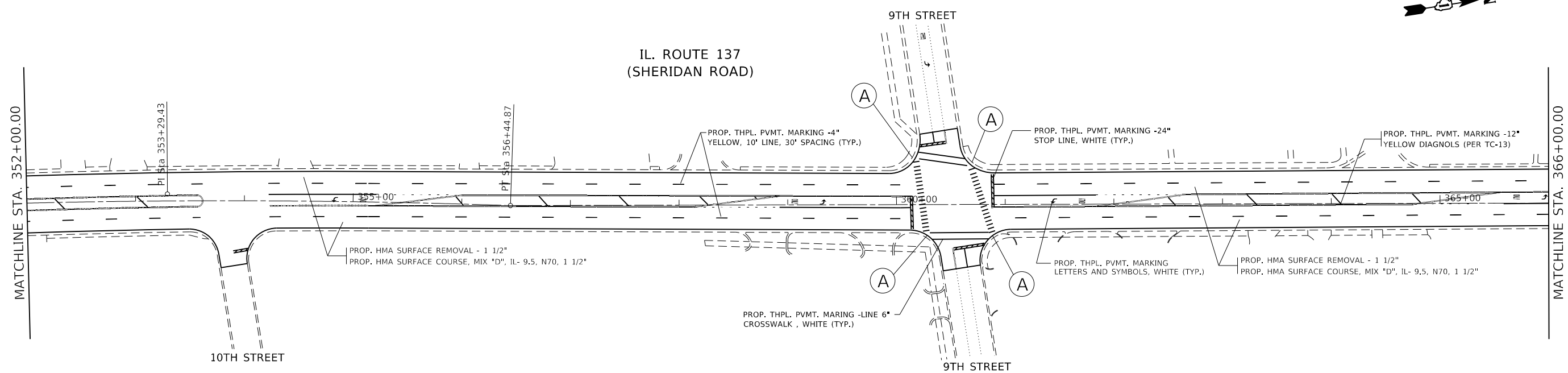
**EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)**

F.A.P. RTE. 352	SECTION 2020-078-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 19
SCALE: 1" = 50'			CONTRACT NO. 62L56	
SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		



EXIST. CURVE IL137_E_74
 PI STA. = 353+29.43
 $\Delta = 4^\circ 39' 44''$ (RT)
 $D = 0^\circ 44' 19''$
 $R = 7,757.38'$
 $T = 315.79'$
 $L = 631.23'$
 $E = 6.42'$
 $e = \quad$
 $T.R. = \quad$
 $S.E. RUN = \quad$
 P.C. STA. = 350+13.64
 P.T. STA. = 356+44.87

- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPS
- C. DOUBLE PREPENDICULAR CURB RAMPS
- D. SINGLE PREPENDICULAR CURB RAMPS WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPS
- F. PARALLEL CURB RAMPS

NOTE:
 1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

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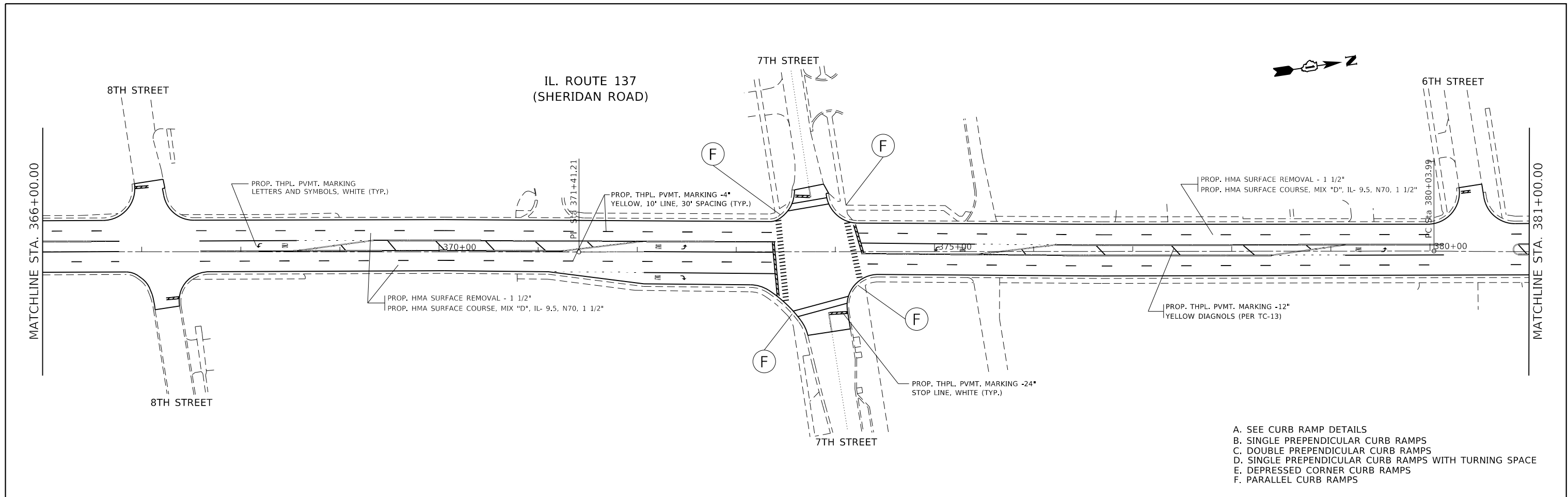
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

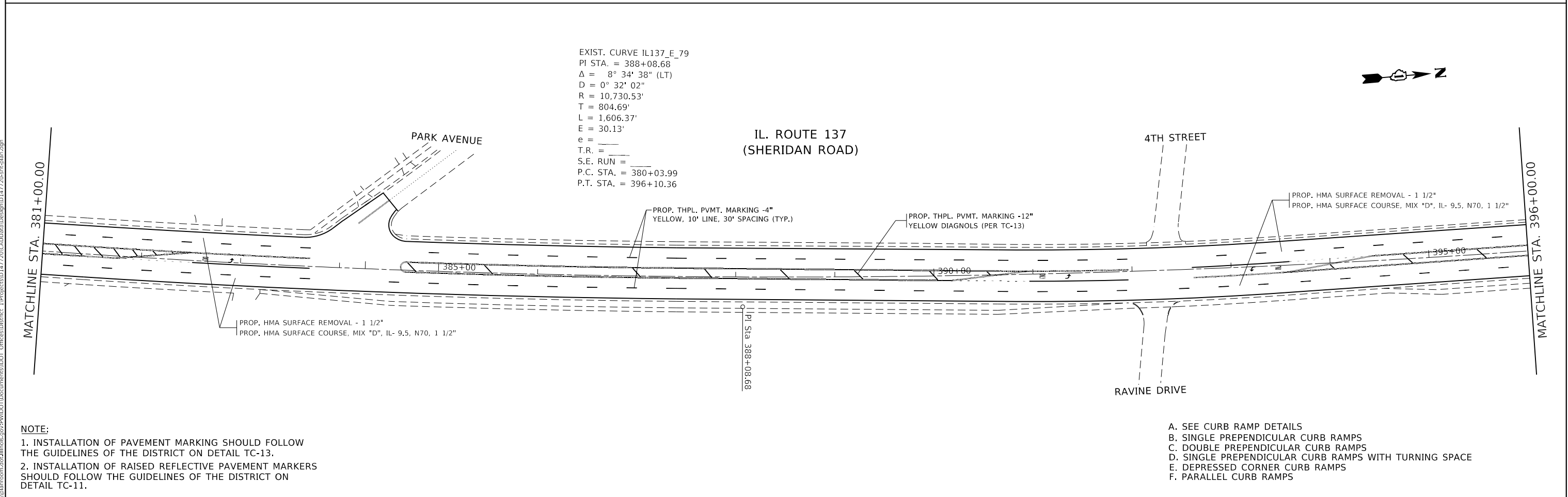
**EXISTING AND PROPOSED ROADWAY PLAN
 IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R56&SW	LAKE	80	20
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPs
- C. DOUBLE PREPENDICULAR CURB RAMPs
- D. SINGLE PREPENDICULAR CURB RAMPs WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPs
- F. PARALLEL CURB RAMPs



EXIST. CURVE IL137_E_79
 PI STA. = 388+08.68
 $\Delta = 8^\circ 34' 38''$ (LT)
 $D = 0^\circ 32' 02''$
 $R = 10,730.53'$
 $T = 804.69'$
 $L = 1,606.37'$
 $E = 30.13'$
 $e =$
 $T.R. =$
 $S.E. RUN =$
 $P.C. STA. = 380+03.99$
 $P.T. STA. = 396+10.36$

- NOTE:**
1. INSTALLATION OF PAVEMENT MARKING SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-13.
 2. INSTALLATION OF RAISED REFLECTIVE PAVEMENT MARKERS SHOULD FOLLOW THE GUIDELINES OF THE DISTRICT ON DETAIL TC-11.

- A. SEE CURB RAMP DETAILS
- B. SINGLE PREPENDICULAR CURB RAMPs
- C. DOUBLE PREPENDICULAR CURB RAMPs
- D. SINGLE PREPENDICULAR CURB RAMPs WITH TURNING SPACE
- E. DEPRESSED CORNER CURB RAMPs
- F. PARALLEL CURB RAMPs

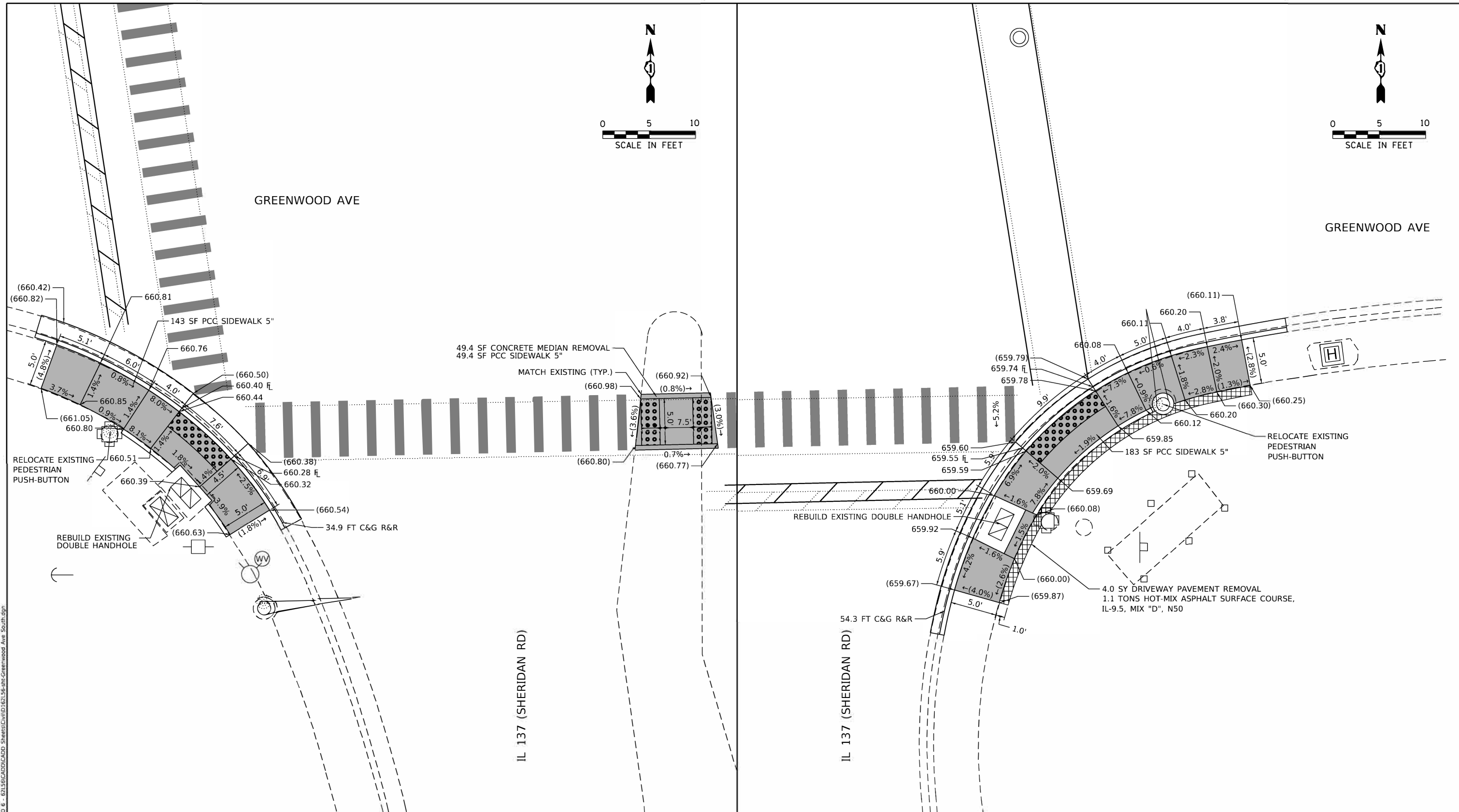
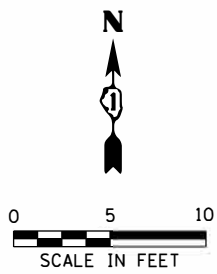
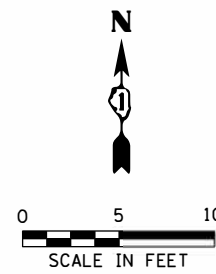
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PLOT DATE = 1/15/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED ROADWAY PLAN			
IL. ROUTE 137 (RUSSELL ROAD TO GREENWOOD ROAD)			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE. = 352	SECTION = 2020-078-RS&SW	COUNTY = LAKE	TOTAL SHEETS = 80	SHEET NO. = 21
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 660.71
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
 LOCATION : 8 FT W OF GREENWOOD AVE

REFERENCE BENCHMARK ELEV 660.71
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
 LOCATION : 8 FT W OF GREENWOOD AVE

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

- DETECTABLE WARNINGS
- PROPOSED SIDEWALK
- PROPOSED STAMPED COLORED SIDEWALK
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- EXISTING STAMPED COLORED SIDEWALK TO REMAIN
- CLASS D PATCHES, 9 INCH (SPECIAL)

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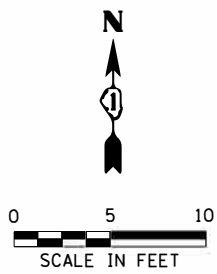
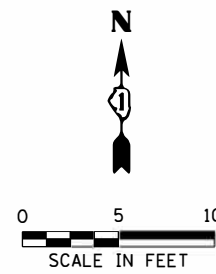
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 IL RTE 137 AT GREENWOOD AVE - II**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&S6	LAKE	80	23
CONTRACT NO. 62LS6				
ILLINOIS FED. AID PROJECT				



2.4 SY DRIVEWAY PAVEMENT REMOVAL
0.7 TON HOT-MIX ASPHALT SURFACE COURSE,
IL-9.5, MIX "D", N50

235 SF SIDEWALK REMOVAL
235 SF PCC SIDEWALK, 5"

RELOCATE EXISTING PEDESTRIAN
PUSH-BUTTON

53 FT CONCRETE CURB., TYPE B

CATCH BASIN TO BE ADJUSTED

WATER VALVE TO
BE ADJUSTED

GREENWOOD AVE

IL 137 (SHERIDAN RD)

IL 137 (SHERIDAN RD)

18.0 SY CLASS D PATCHES, 9 INCH (SPECIAL)

18.0 SY CLASS D PATCHES, 9 INCH (SPECIAL)

GREENWOOD AVE

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

- DETECTABLE WARNINGS
- PROPOSED SIDEWALK
- PROPOSED STAMPED COLORED SIDEWALK

- SIDEWALK REMOVAL
REPLACE W/TOPSOIL
& SOD
- HOT-MIX ASPHALT
SURFACE COURSE
IL9.5, MIX D, N-50
- EXISTING STAMPED
COLORED SIDEWALK
TO REMAIN

- CLASS D PATCHES,
9 INCH (SPECIAL)

REFERENCE BENCHMARK ELEV 660.71
BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
LOCATION : 8 FT W OF GREENWOOD AVE

REFERENCE BENCHMARK ELEV 660.71
BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
LOCATION : 8 FT W OF GREENWOOD AVE

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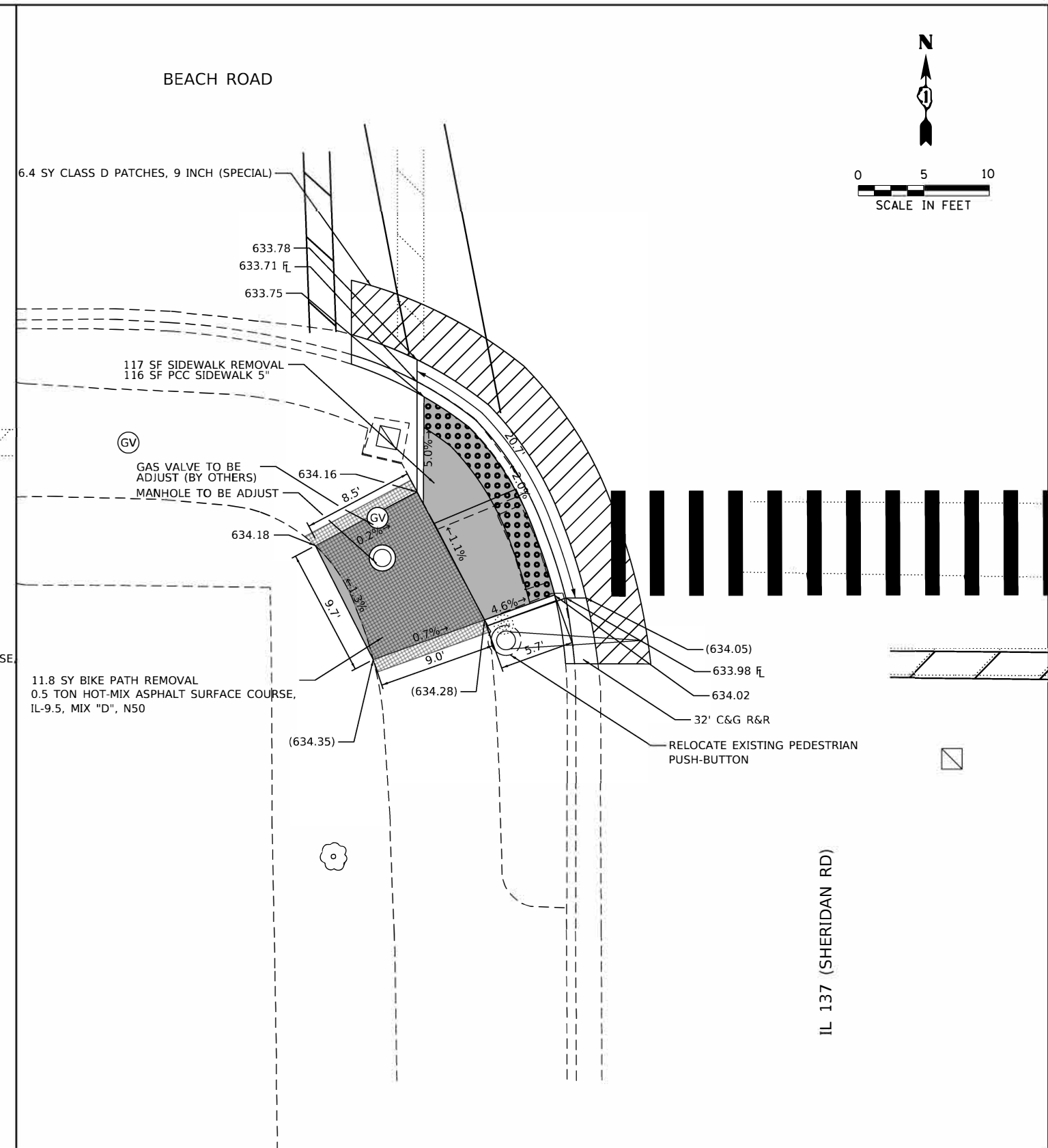
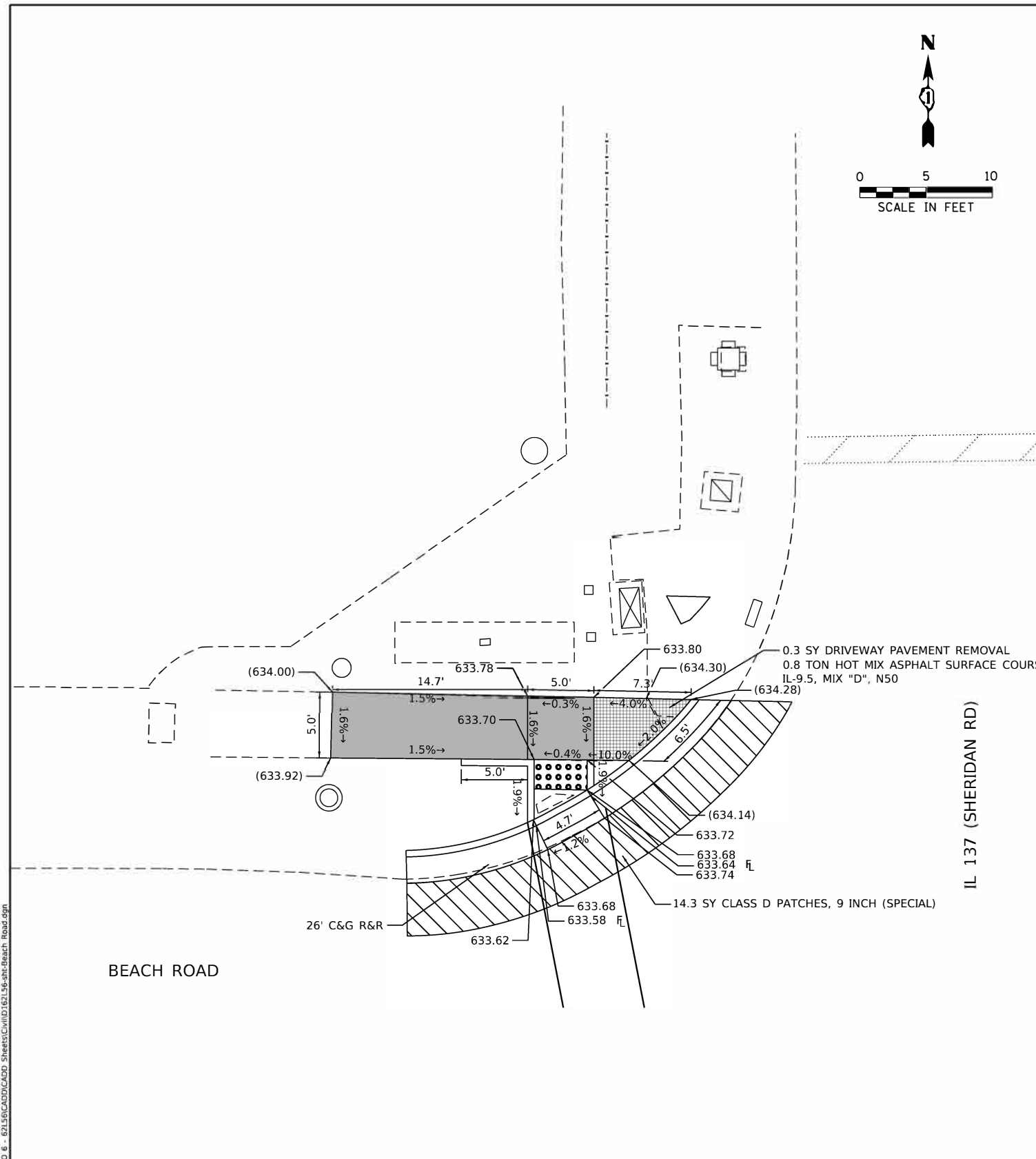
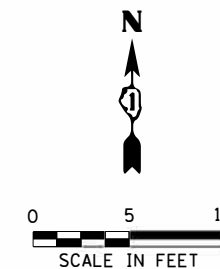
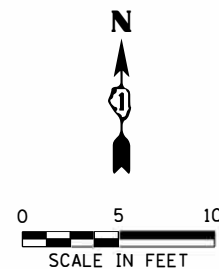
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
IL RTE 137 AT GREENWOOD AVE - I**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	24
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 635.63
 BENCHMARK : E FLANGE BOLT OF FIRE HYDRANT AT NW CORNER
 LOCATION : 8 FT N OF BEACH RD

REFERENCE BENCHMARK ELEV 635.63
 BENCHMARK : E FLANGE BOLT OF FIRE HYDRANT AT NW CORNER
 LOCATION : 8 FT N OF BEACH RD

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB



DETECTABLE WARNINGS



PROPOSED SIDEWALK



PROPOSED STAMPED COLORED SIDEWALK



SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50



EXISTING STAMPED COLORED SIDEWALK TO REMAIN



CLASS D PATCHES, 9 INCH (SPECIAL)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 IL RTE 137 AT BEACH RD

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

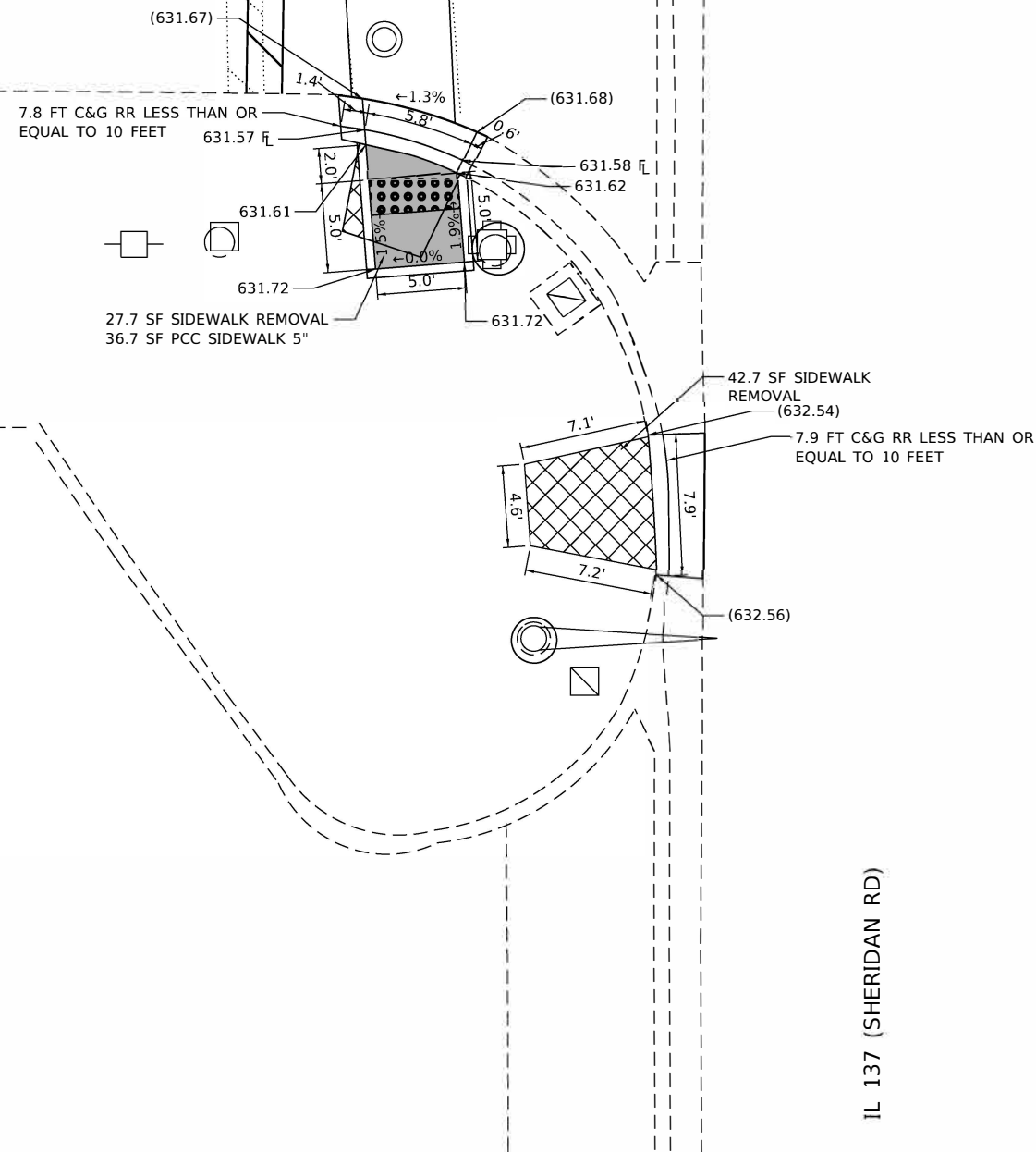
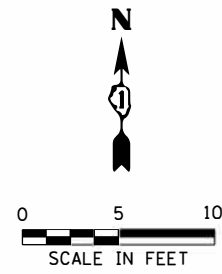
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CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				

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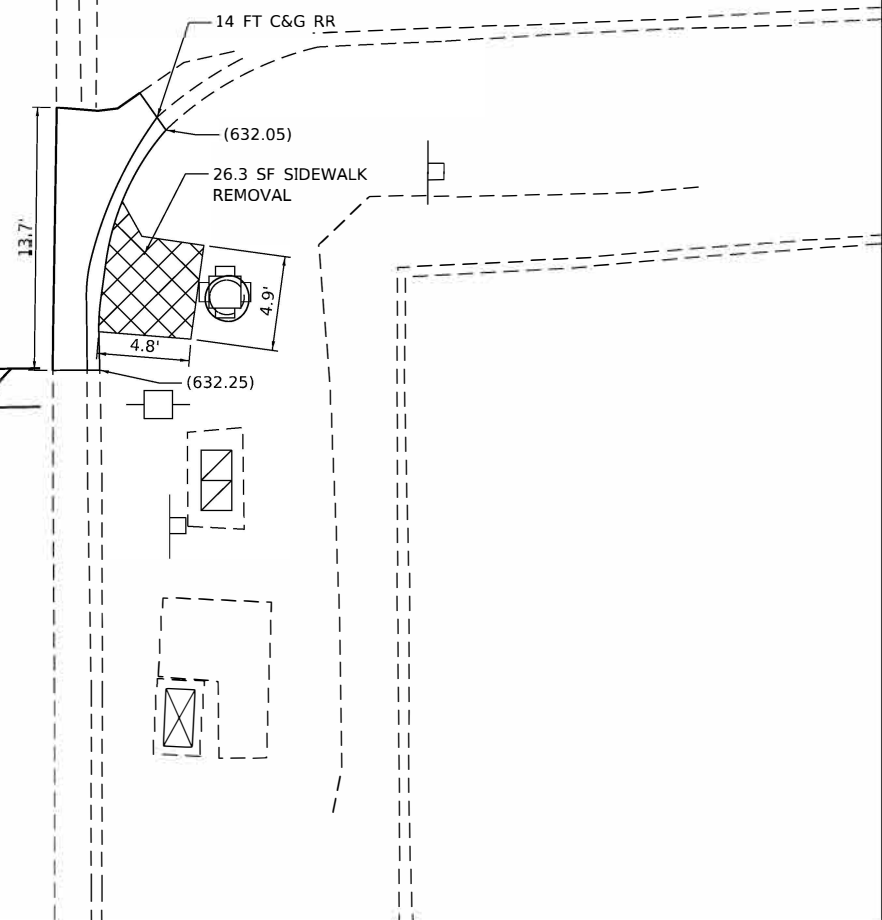
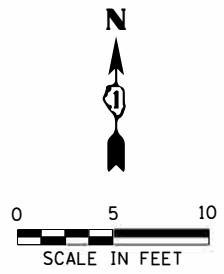


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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -

34TH STREET



IL 137 (SHERIDAN RD)



IL 137 (SHERIDAN RD)

REFERENCE BENCHMARK ELEV 633.48
 BENCHMARK : FLANGE BOLT OF FIRE HYDRANT AT NW CORNER
 LOCATION : 12 FT N OF 34TH ST

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

- DETECTABLE WARNINGS
- PROPOSED SIDEWALK
- PROPOSED STAMPED COLORED SIDEWALK

- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- EXISTING STAMPED COLORED SIDEWALK TO REMAIN

- CLASS D PATCHES, 9 INCH (SPECIAL)

REFERENCE BENCHMARK ELEV 633.48
 BENCHMARK : FLANGE BOLT OF FIRE HYDRANT AT NW CORNER
 LOCATION : 12 FT N OF 34TH ST

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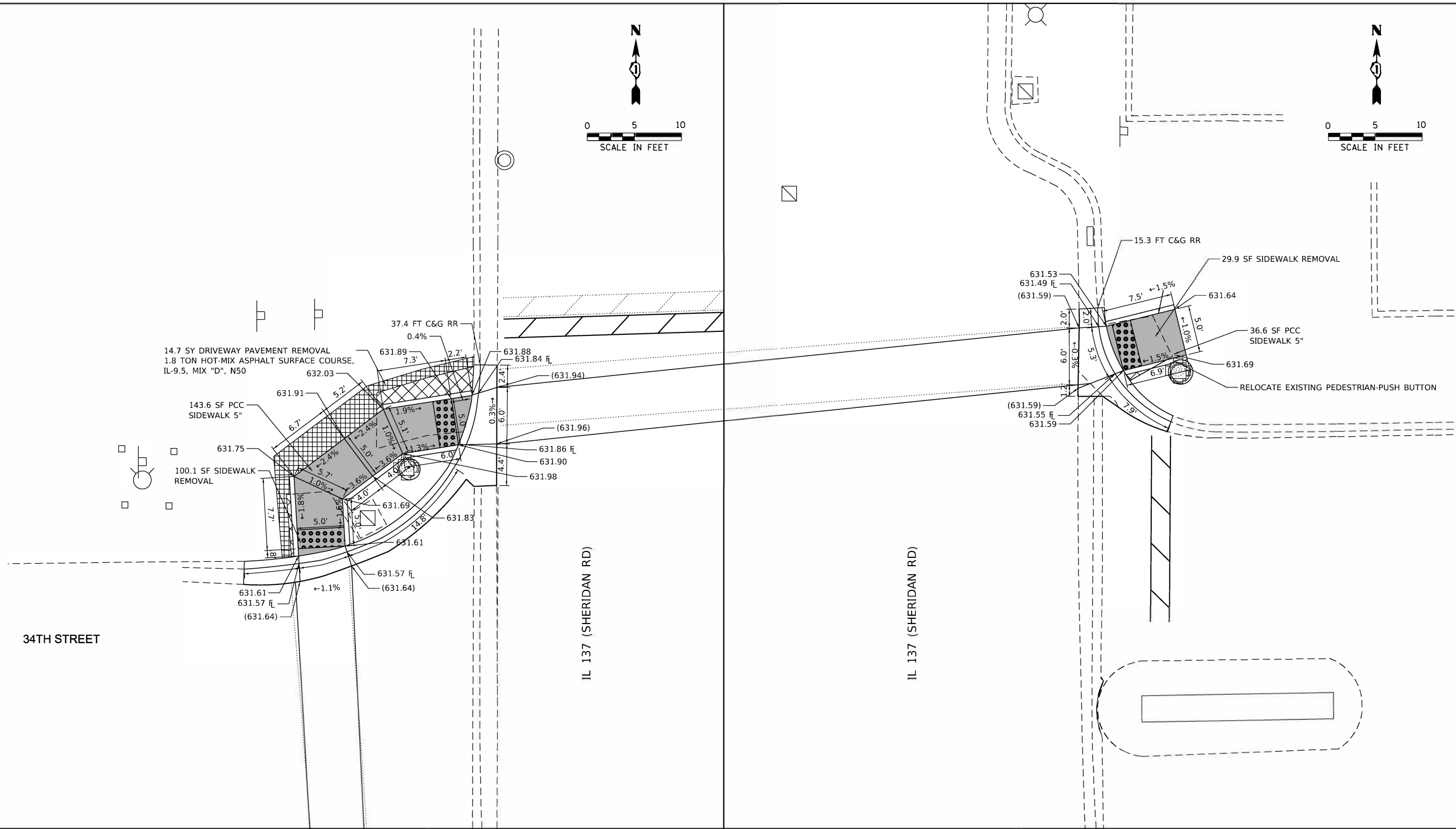
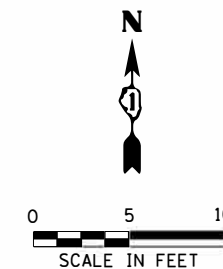
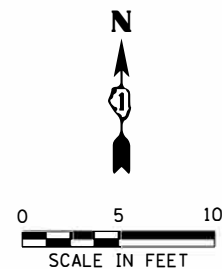
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 IL RTE 137 AT 34TH ST - II**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	26
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				



34TH STREET

IL 137 (SHERIDAN RD)

IL 137 (SHERIDAN RD)

RELOCATE EXISTING PEDESTRIAN-PUSH BUTTON

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS
- PROPOSED SIDEWALK
- PROPOSED STAMPED COLORED SIDEWALK
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- EXISTING STAMPED COLORED SIDEWALK TO REMAIN
- CLASS D PATCHES, 9 INCH (SPECIAL)

REFERENCE BENCHMARK ELEV 633.48
 BENCHMARK : FLANGE BOLT OF FIRE HYDRANT AT NW CORNER
 LOCATION : 12 FT N OF 34TH ST

REFERENCE BENCHMARK ELEV 633.48
 BENCHMARK : FLANGE BOLT OF FIRE HYDRANT AT NW CORNER
 LOCATION : 12 FT N OF 34TH ST



USER NAME = dmortge	DESIGNED - DGM	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

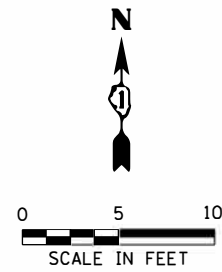
**SIDEWALK RAMP DETAILS
 IL RTE 137 AT 34TH ST - I**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

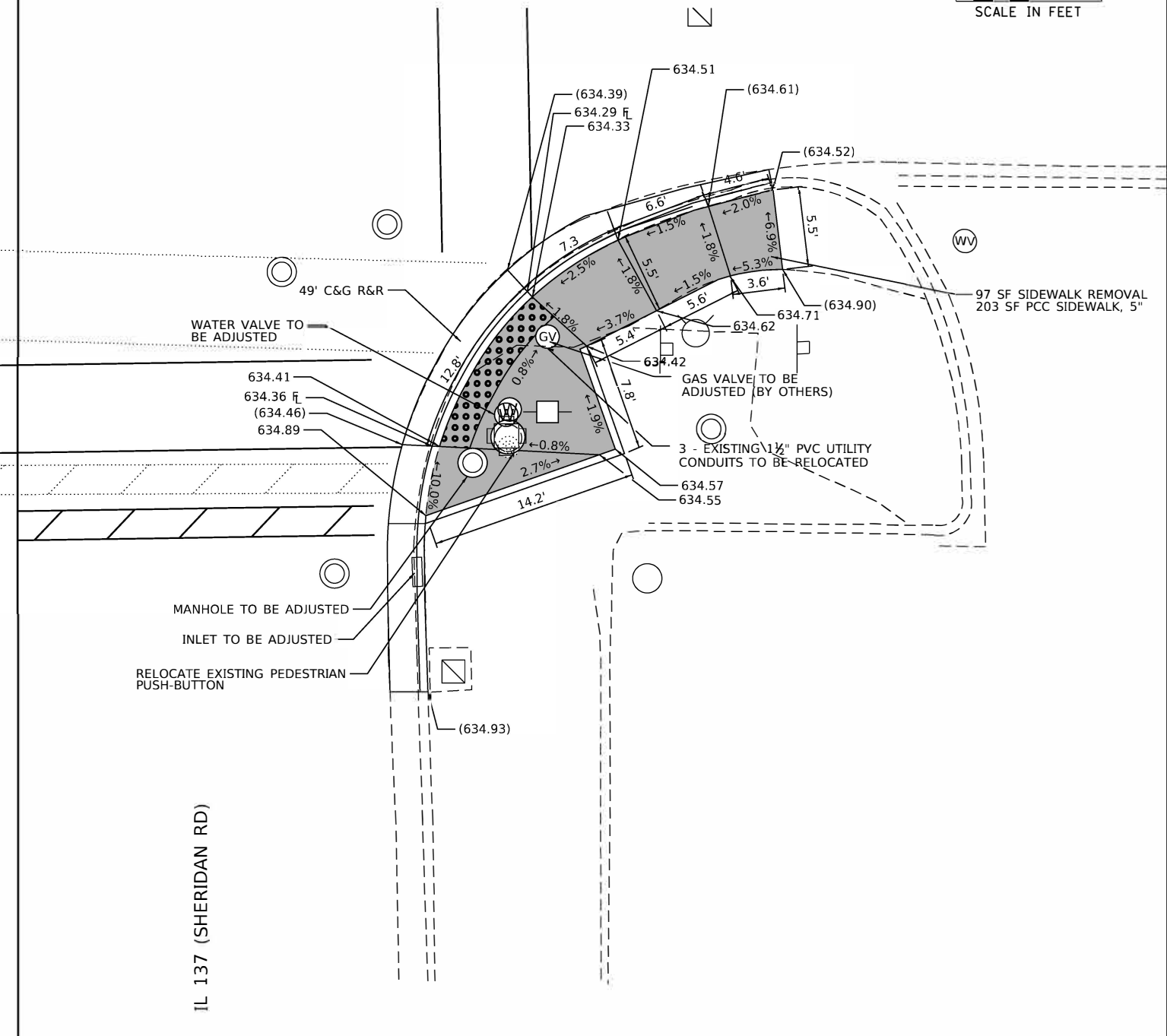
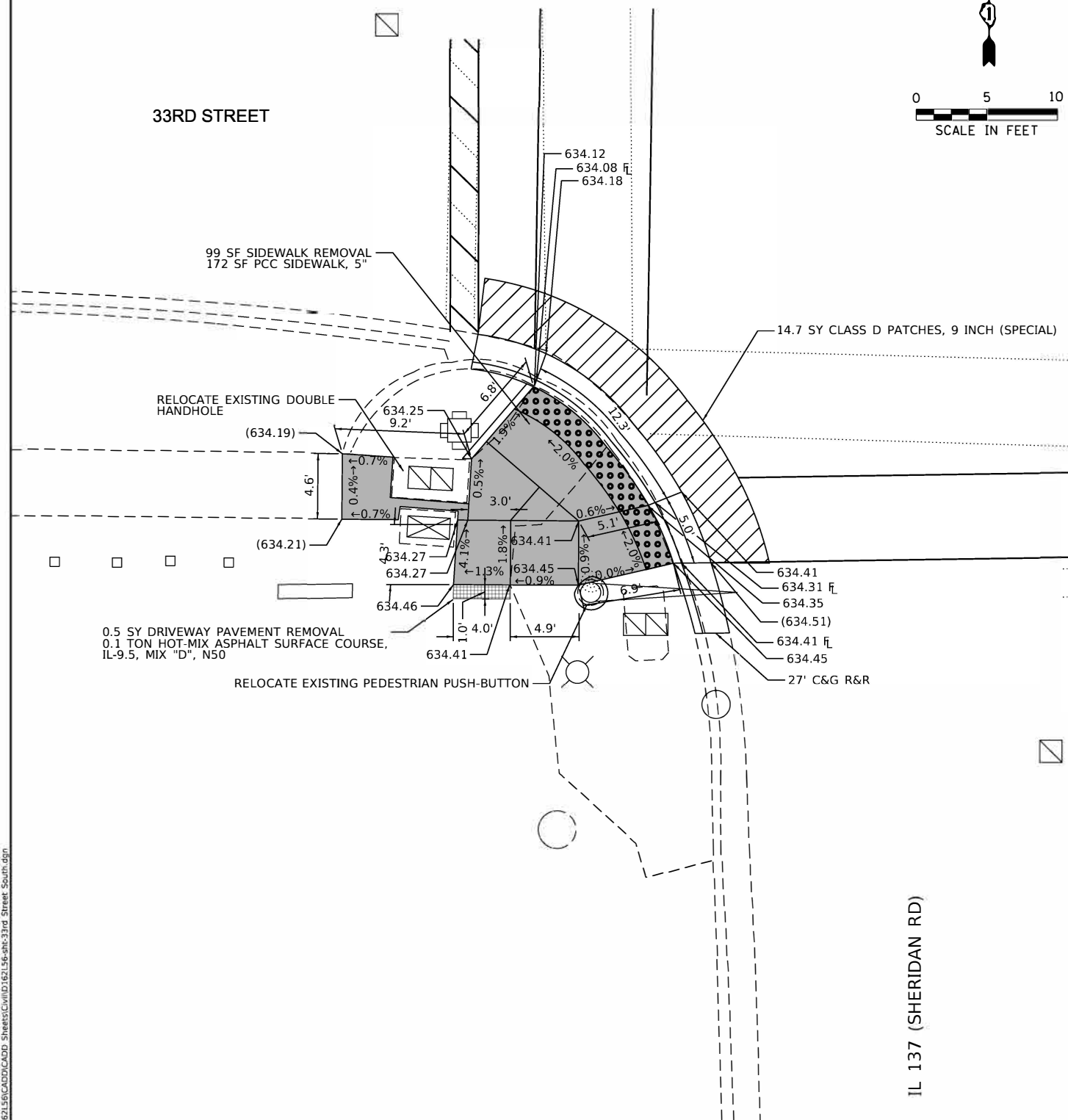
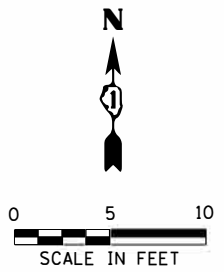
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L56	

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33RD STREET



33RD STREET



IL 137 (SHERIDAN RD)

IL 137 (SHERIDAN RD)

REFERENCE BENCHMARK ELEV 637.25
 BENCHMARK : S FLANGE BOLT OF FIRE HYDRANT AT SE CORNER
 LOCATION : 12 FT S OF 33RD ST

REFERENCE BENCHMARK ELEV 637.25
 BENCHMARK : S FLANGE BOLT OF FIRE HYDRANT AT SE CORNER
 LOCATION : 12 FT S OF 33RD ST

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- CLASS D PATCHES, 9 INCH (SPECIAL)
- PROPOSED SIDEWALK
- HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- EXISTING STAMPED COLORED SIDEWALK TO REMAIN
- PROPOSED STAMPED COLORED SIDEWALK

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL RTE 137 AT 33RD ST - II

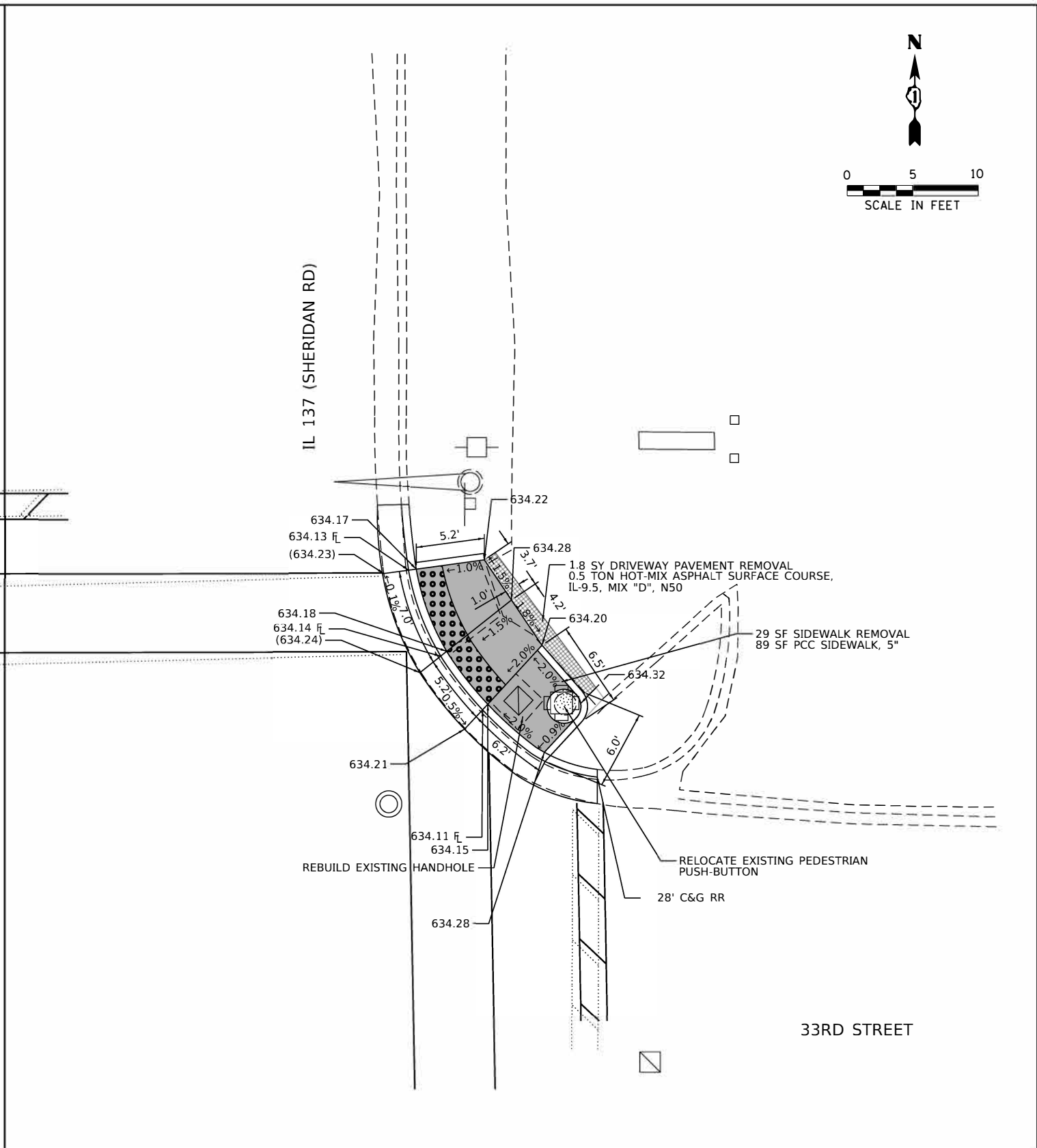
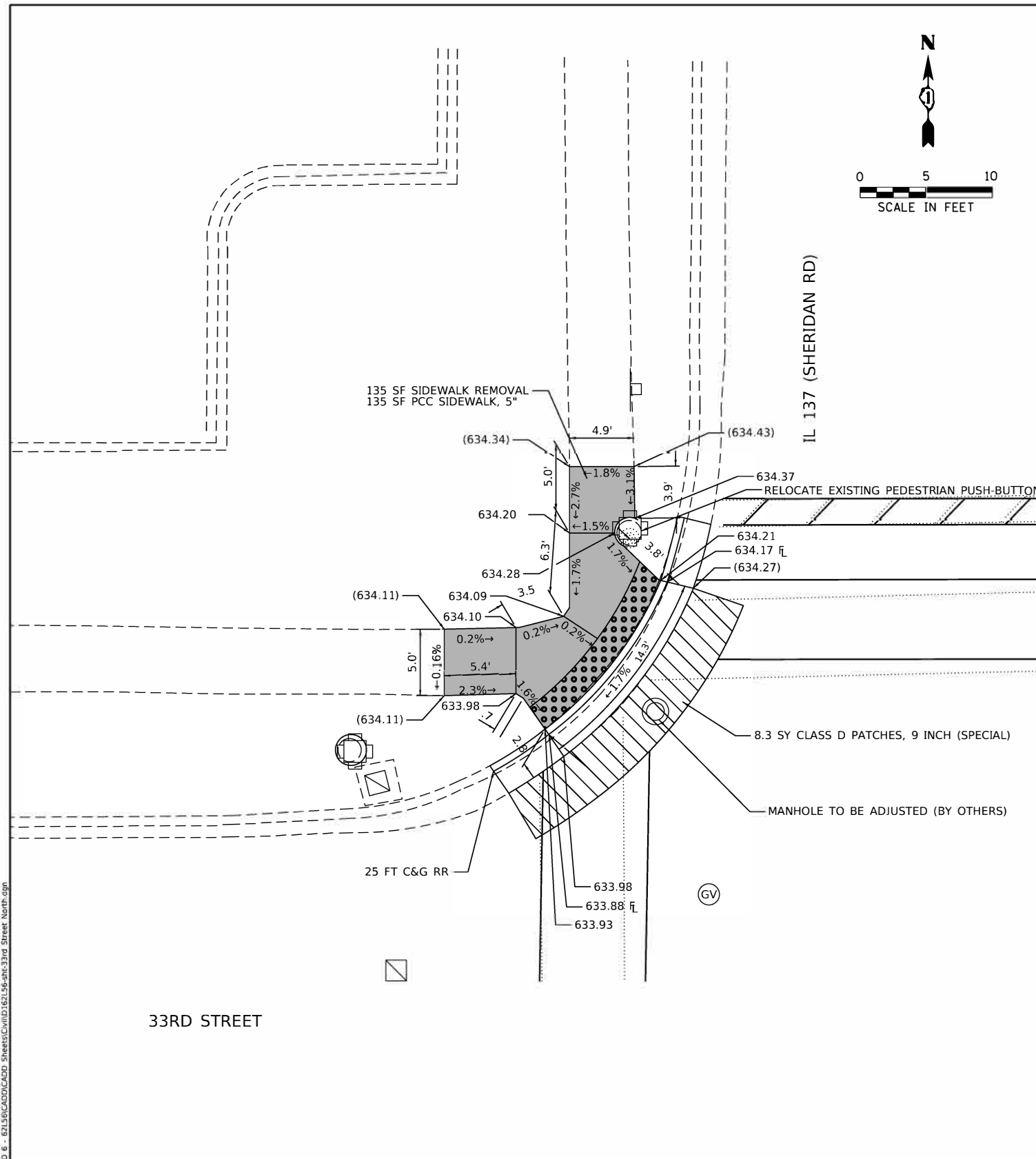
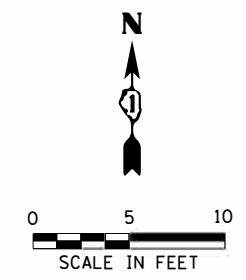
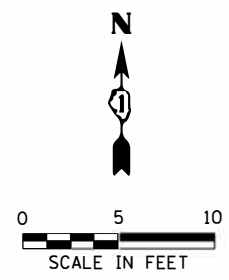
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	28
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				

MODEL: Default
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USER NAME = dmortge	DESIGNED - JD	REVISED -
DRAWN - JD	REVISIONS -	
PLOT SCALE = 10.0000' / in.	CHECKED - AB	REVISIONS -
PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -



MODEL: Default
 FILE: Main\GIS\Engineering\Live\Projects\20005\DOT\DWG\6 - 62L56\CADD\CADD_Sheets\Civil\62L56-sh-33rd Street North.dwg

REFERENCE BENCHMARK ELEV 637.25
 BENCHMARK : S FLANGE BOLT OF FIRE HYDRANT AT SE CORNER
 LOCATION : 12 FT S OF 33RD ST

REFERENCE BENCHMARK ELEV 637.25
 BENCHMARK : S FLANGE BOLT OF FIRE HYDRANT AT SE CORNER
 LOCATION : 12 FT S OF 33RD ST

LEGEND

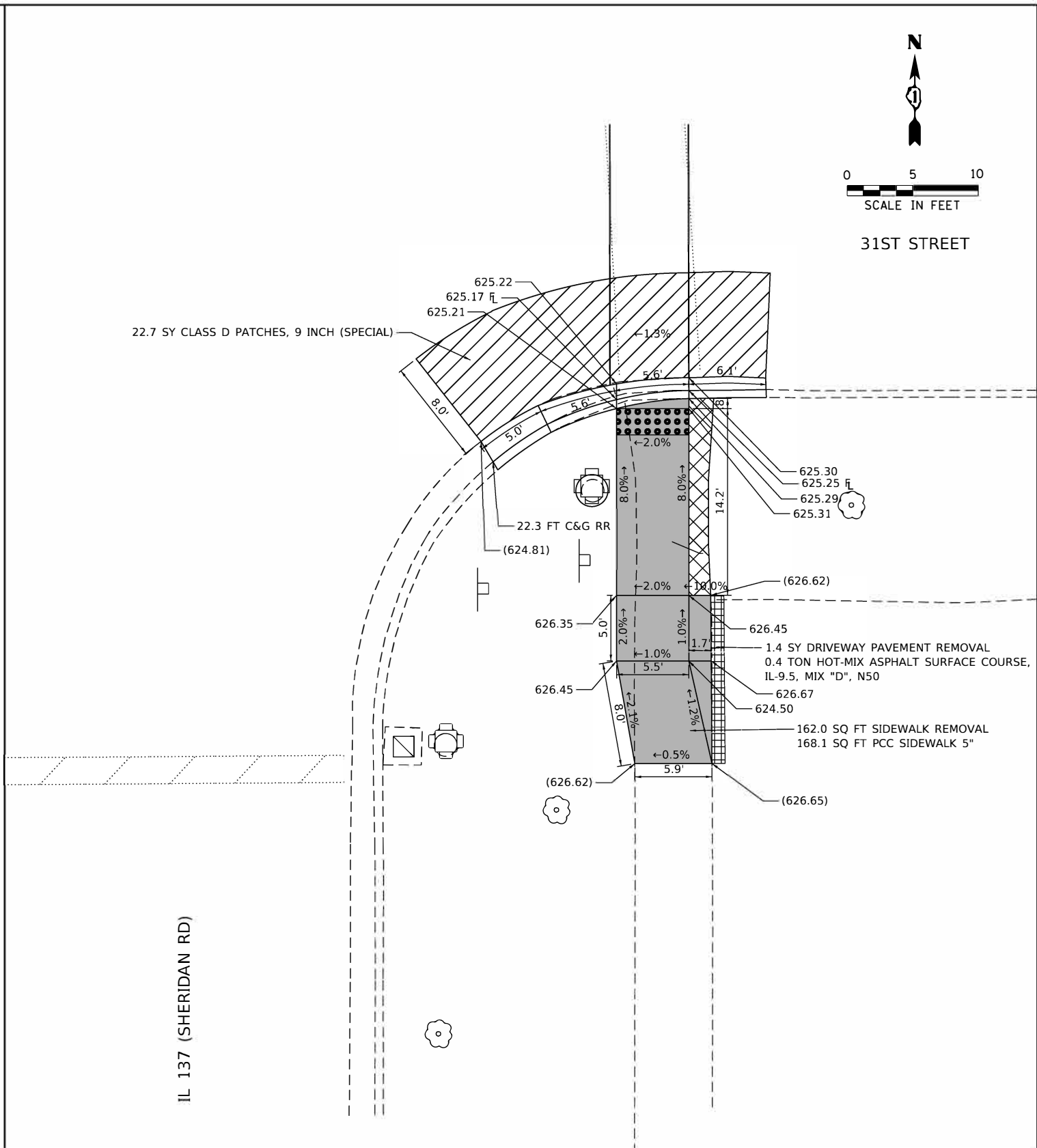
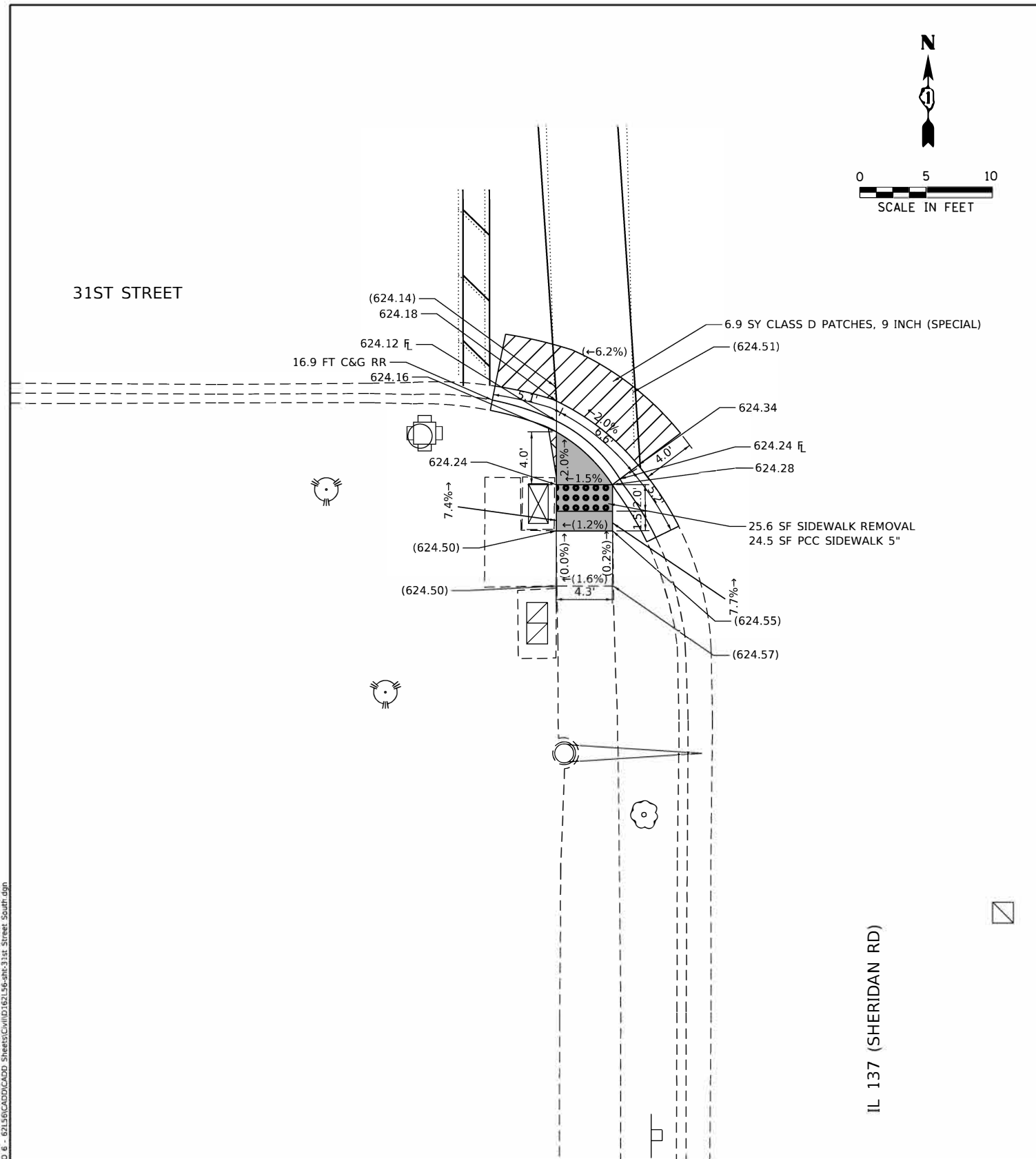
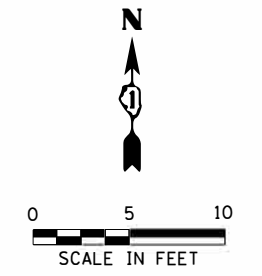
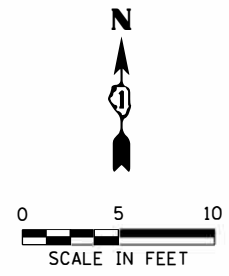
- [XX.X'] EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB
- [Grid of dots] DETECTABLE WARNINGS
- [Grey fill] PROPOSED SIDEWALK
- [Brick pattern] PROPOSED STAMPED COLORED SIDEWALK
- [Cross-hatch] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- [Grid] HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- [Brick pattern] EXISTING STAMPED COLORED SIDEWALK TO REMAIN
- [Diagonal lines] CLASS D PATCHES, 9 INCH (SPECIAL)



USER NAME = dmortge	DESIGNED - JD	REVISED -
DRAWN - JD	REVISOR -	
PLOT SCALE = 10.0000' / in.	CHECKED - AB	REVISOR -
PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS IL RTE 137 AT 33RD ST - I		F.A.P. RTE. 0352	SECTION 2020-07B-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 29
SCALE: 1"=5'	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62L56			
ILLINOIS FED. AID PROJECT						



MODEL: Default
 FILE: Name: G:\Engineering\Live\Projects\20005 IDOT DUBUQUE 6 - 62156\CADD\CADD Sheets\Civil\161156-sh-31st Street South.dgn

REFERENCE BENCHMARK ELEV 625.10
 BENCHMARK : NOTCH IN CONCRETE BASE OF TRAFFIC SIGNAL
 LOCATION : 8 FT N OF 31ST ST

REFERENCE BENCHMARK ELEV 625.10
 BENCHMARK : NOTCH IN CONCRETE BASE OF TRAFFIC SIGNAL
 LOCATION : 8 FT N OF 31ST ST

LEGEND	
XX.X'	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
	DETECTABLE WARNINGS
	PROPOSED SIDEWALK
	PROPOSED STAMPED COLORED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
	EXISTING STAMPED COLORED SIDEWALK TO REMAIN
	CLASS D PATCHES, 9 INCH (SPECIAL)



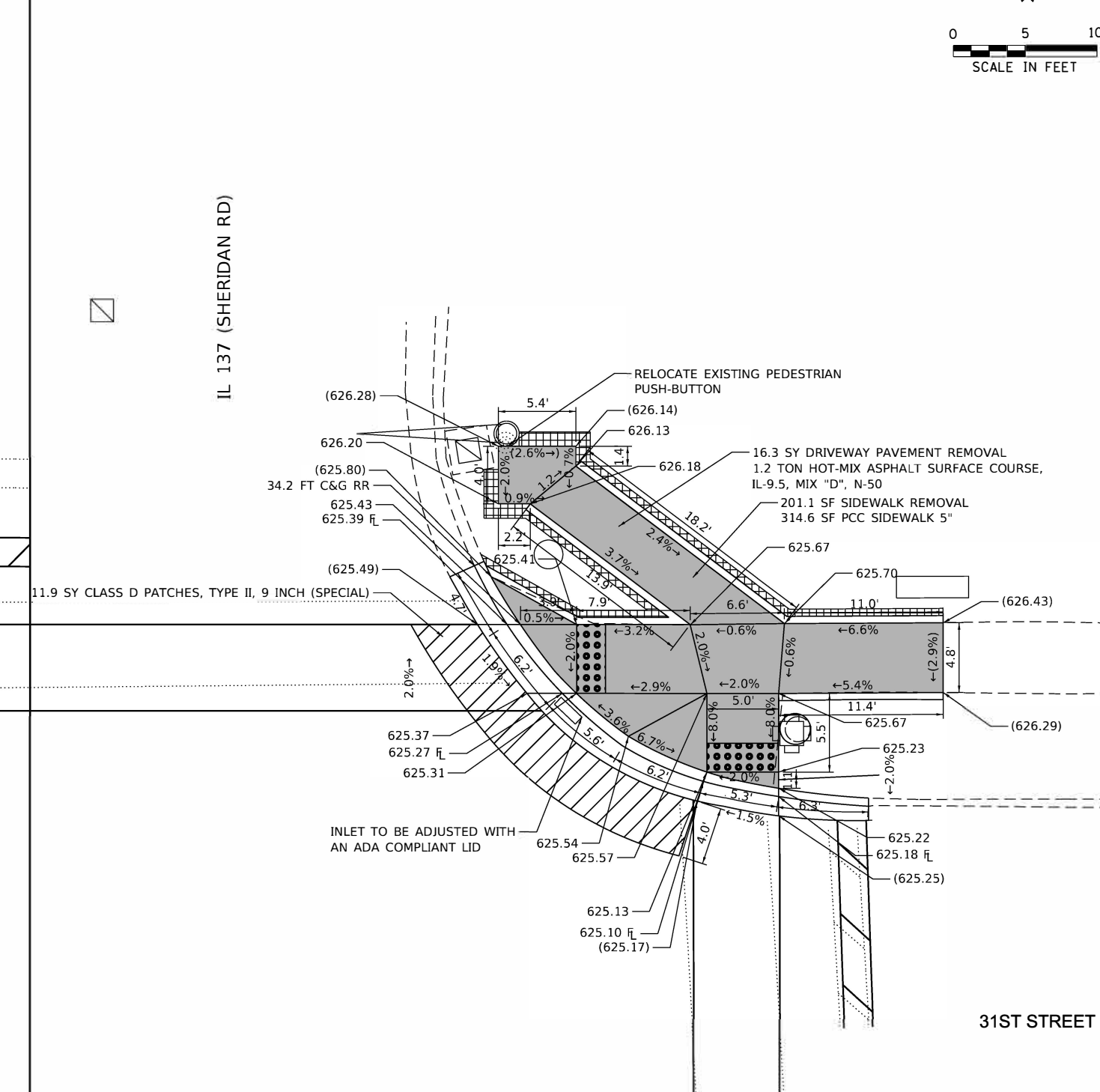
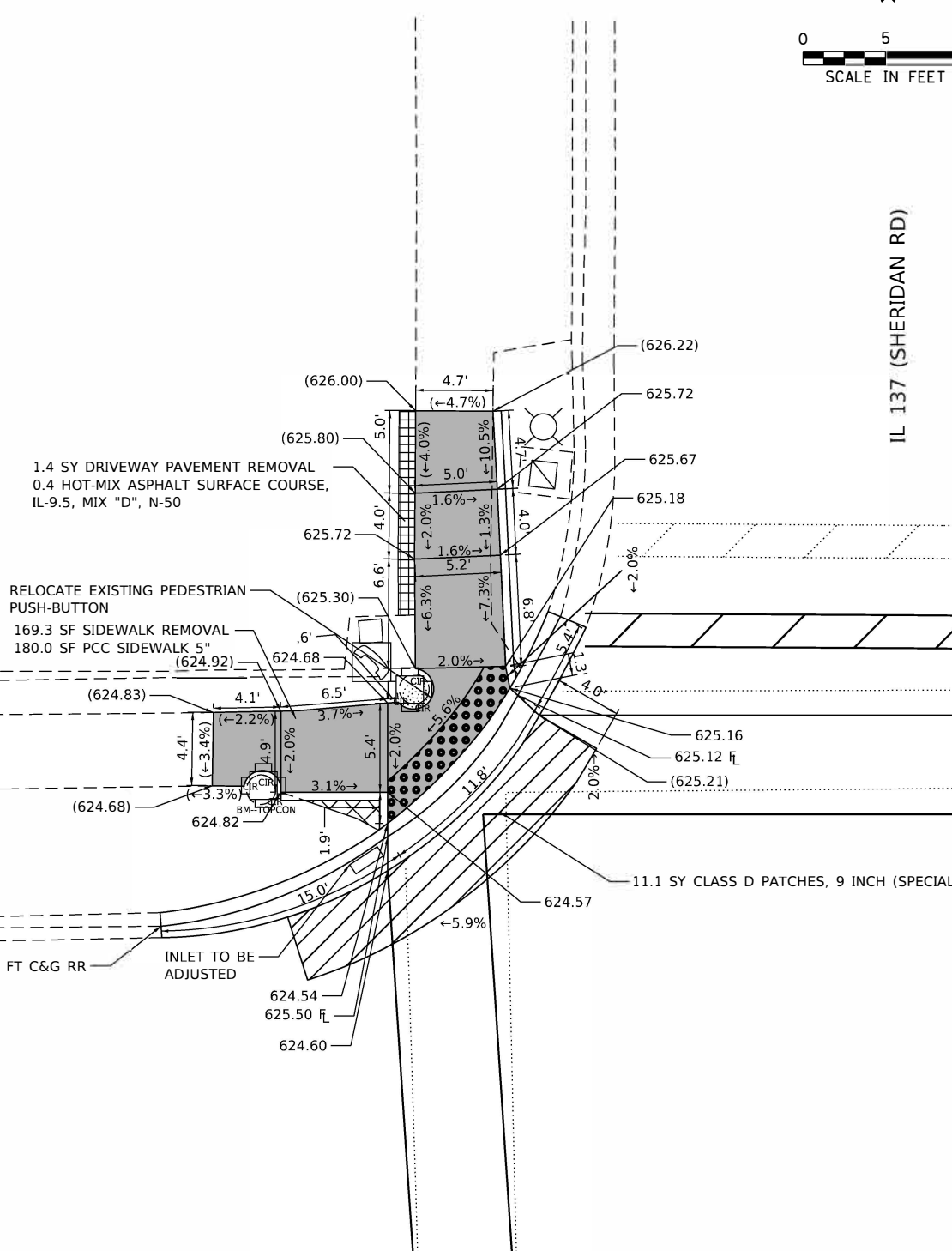
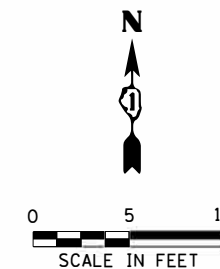
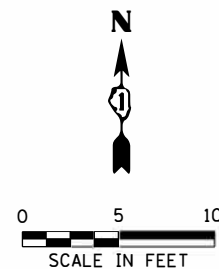
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DRAWN - DGM	REVISIONS -	
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL RTE 137 AT 31ST ST - II

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	30
CONTRACT NO.			62156	
ILLINOIS FED. AID PROJECT				



MODEL: Default
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REFERENCE BENCHMARK ELEV 625.10
BENCHMARK : NOTCH IN CONCRETE BASE OF TRAFFIC SIGNAL
LOCATION : 8 FT N OF 31ST ST

REFERENCE BENCHMARK ELEV 625.10
BENCHMARK : NOTCH IN CONCRETE BASE OF TRAFFIC SIGNAL
LOCATION : 8 FT N OF 31ST ST

LEGEND

	EXISTING LENGTH		DETECTABLE WARNINGS		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD		CLASS D PATCHES, 9 INCH (SPECIAL)
	EXISTING ELEVATION/SLOPE		PROPOSED SIDEWALK		HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50		EXISTING STAMPED COLORED SIDEWALK TO REMAIN
	PROPOSED SIDE CURB		PROPOSED STAMPED COLORED SIDEWALK				



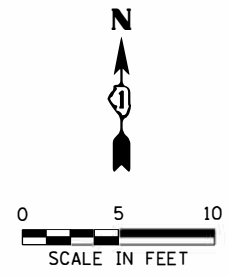
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DRAWN - DGM	REVISOR -	
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

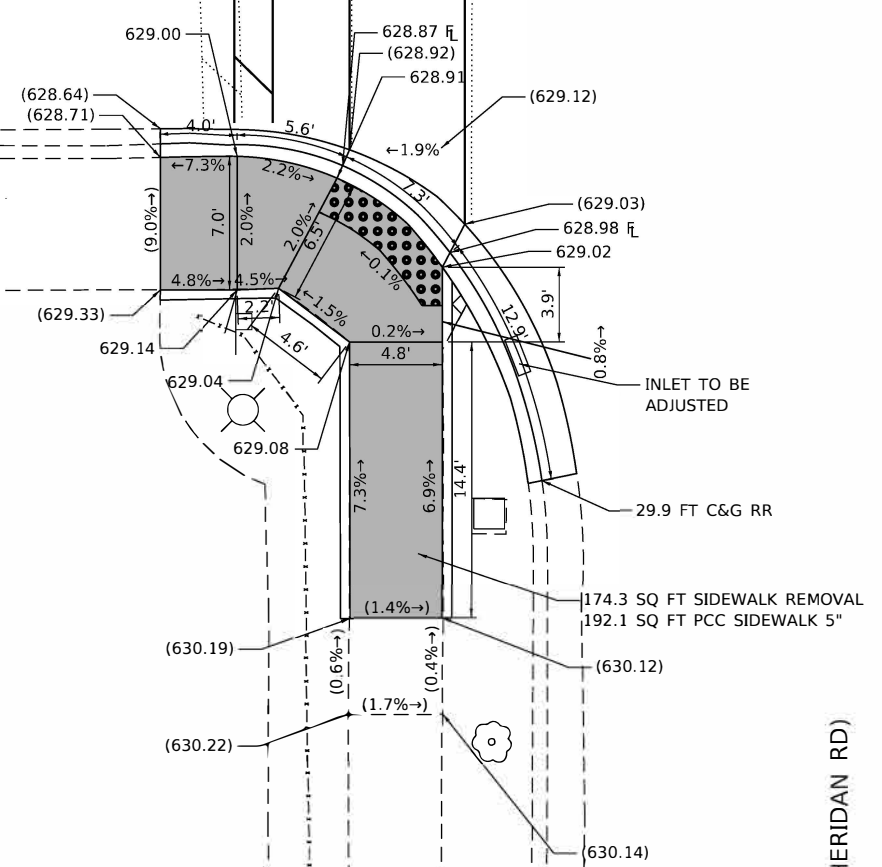
SIDEWALK RAMP DETAILS
IL RTE 137 AT 31ST ST - I

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	31
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



30TH STREET



IL 137 (SHERIDAN RD)

REFERENCE BENCHMARK ELEV 628.13
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 163 FT E OF IL RTE 137 (SHERIDAN RD)

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- CLASS D PATCHES, 9 INCH (SPECIAL)
- PROPOSED SIDEWALK
- HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- PROPOSED STAMPED COLORED SIDEWALK
- EXISTING STAMPED COLORED SIDEWALK TO REMAIN

MODEL: Default
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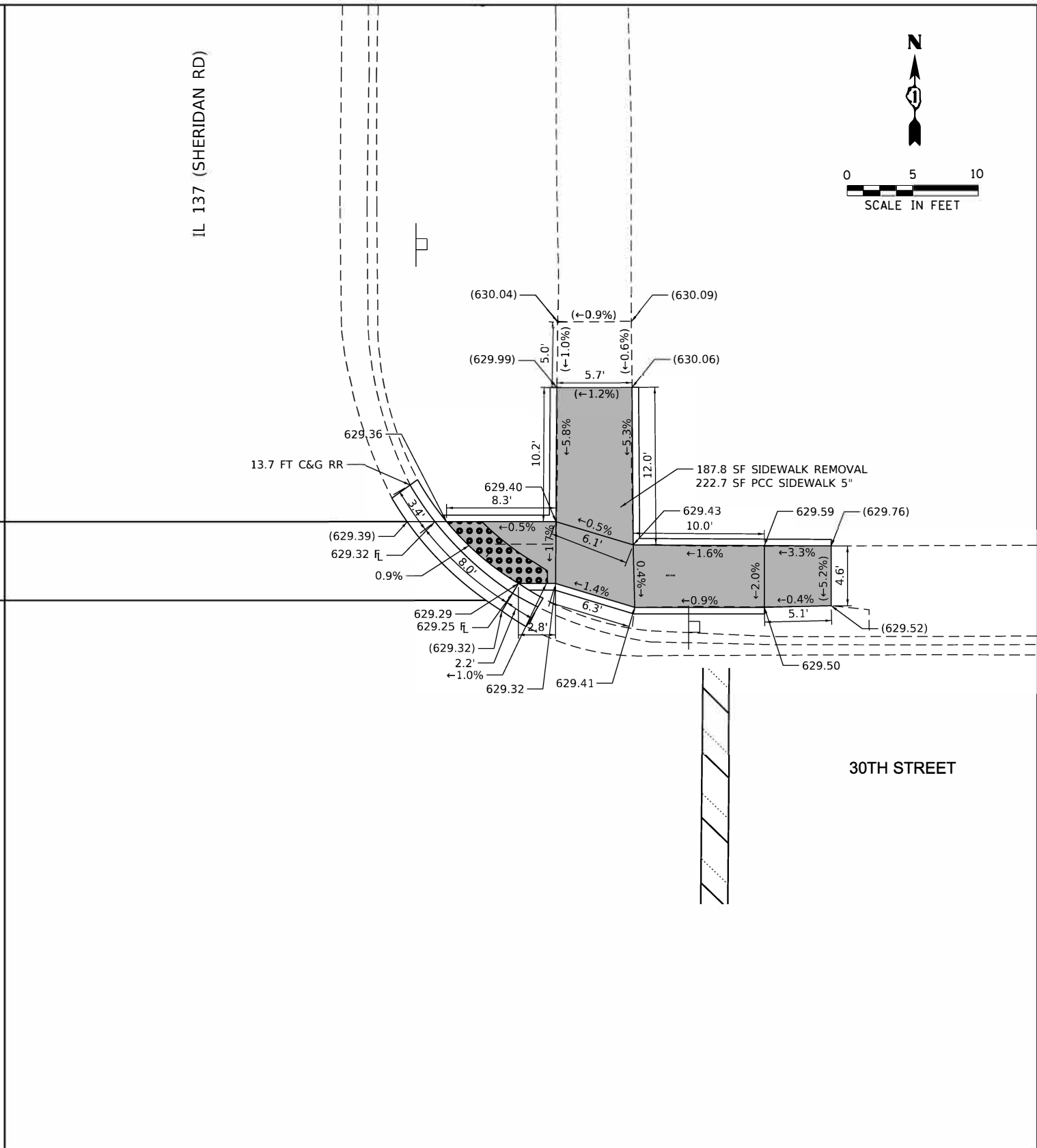
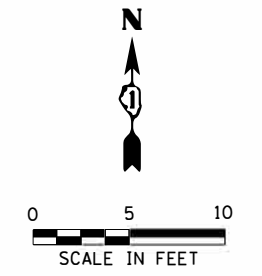
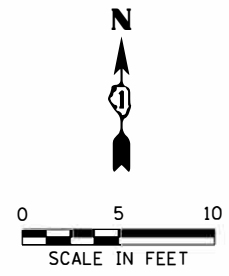
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 IL RTE 137 AT 30TH ST - II

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L56	



MODEL: Default
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REFERENCE BENCHMARK ELEV 628.13
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 163 FT E OF IL RTE 137 (SHERIDAN RD)

REFERENCE BENCHMARK ELEV 628.13
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 163 FT E OF IL RTE 137 (SHERIDAN RD)

LEGEND	
XX.X'	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	PROPOSED STAMPED COLORED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
	EXISTING STAMPED COLORED SIDEWALK TO REMAIN
	CLASS D PATCHES, 9 INCH (SPECIAL)
	PROPOSED SIDE CURB



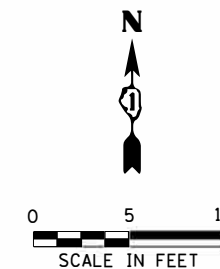
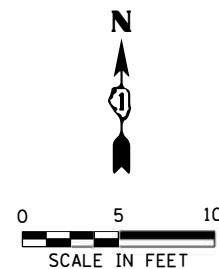
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL RTE 137 AT 30TH ST - I

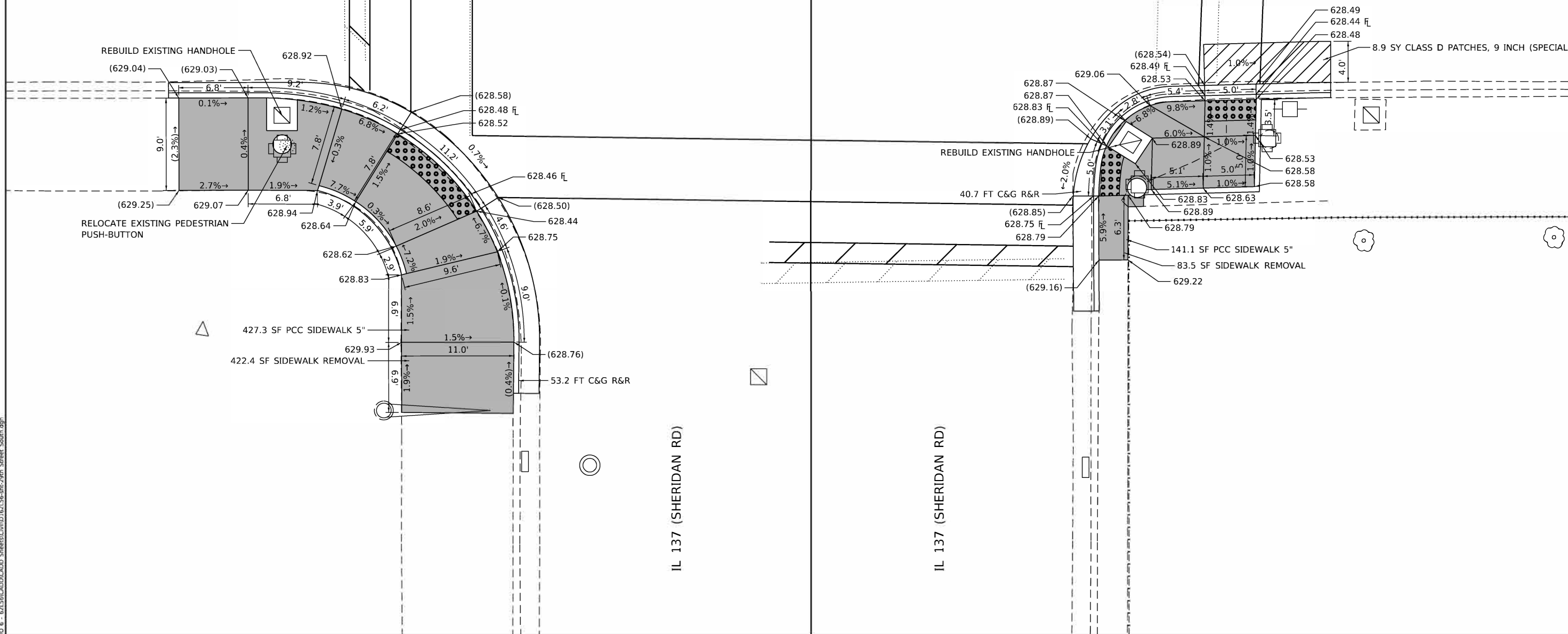
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	33
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				



29TH STREET

29TH STREET



REFERENCE BENCHMARK ELEV 629.61
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 5 FT N OF 29TH ST

REFERENCE BENCHMARK ELEV 629.61
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 5 FT N OF 29TH ST

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB



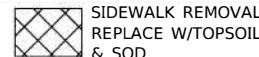
DETECTABLE WARNINGS



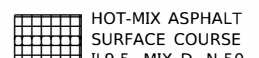
PROPOSED SIDEWALK



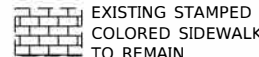
PROPOSED STAMPED COLORED SIDEWALK



SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50



EXISTING STAMPED COLORED SIDEWALK TO REMAIN



CLASS D PATCHES, 9 INCH (SPECIAL)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 IL RTE 137 AT 29TH ST - II

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

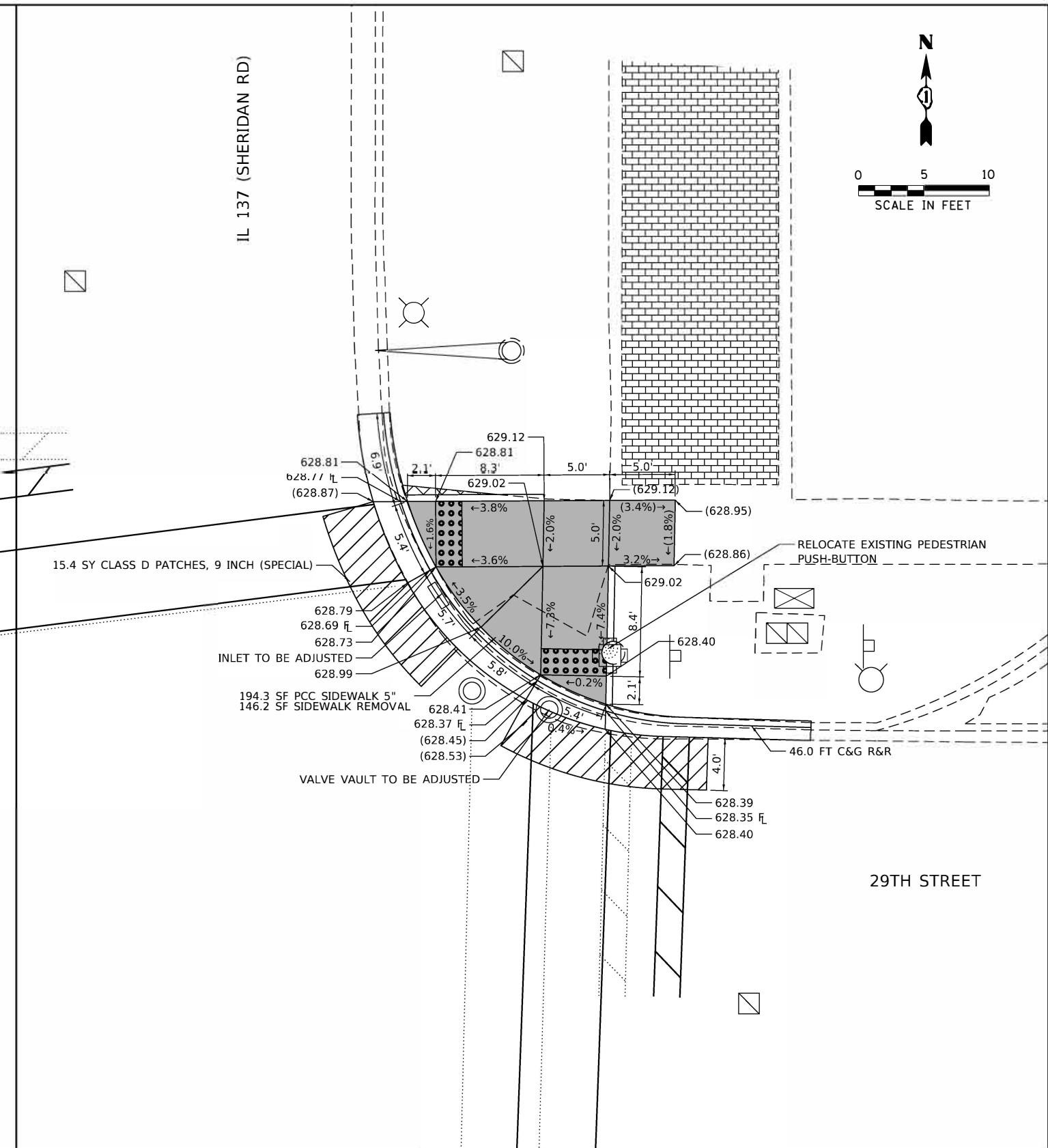
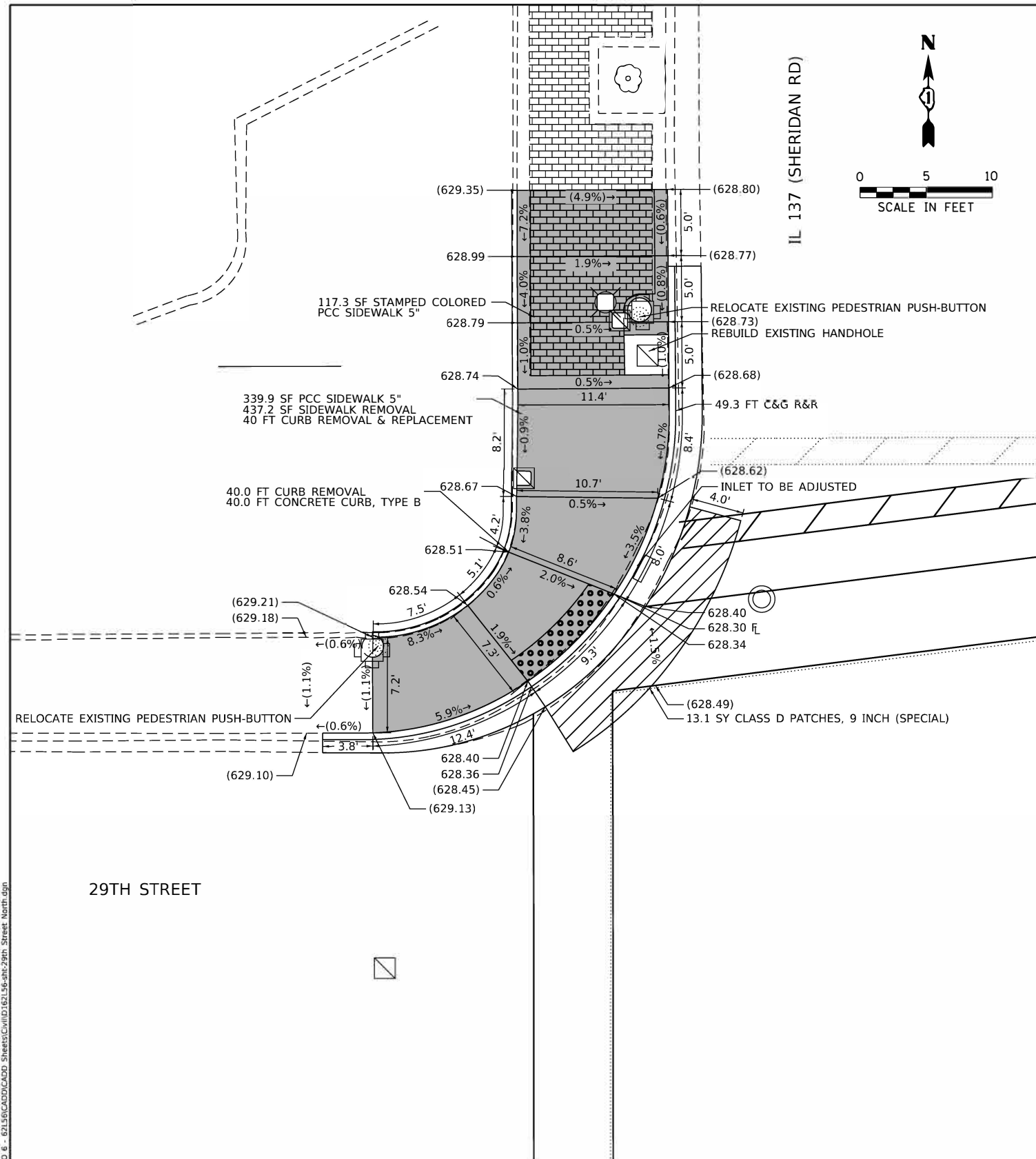
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	34
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				

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DRAWN - DW	REVISIONS -	
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -

MODEL: Default
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29TH STREET

29TH STREET

IL 137 (SHERIDAN RD)

IL 137 (SHERIDAN RD)

REFERENCE BENCHMARK ELEV 629.61
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 5 FT N OF 29TH ST

REFERENCE BENCHMARK ELEV 629.61
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 5 FT N OF 29TH ST

LEGEND	
XX.X'	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
	PROPOSED SIDE CURB
	PROPOSED SIDEWALK
	PROPOSED STAMPED COLORED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	CLASS D PATCHES, 9 INCH (SPECIAL)
	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
	EXISTING STAMPED COLORED SIDEWALK TO REMAIN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

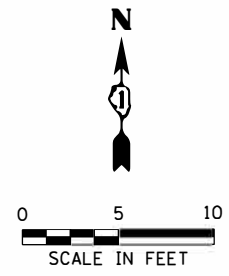
SIDEWALK RAMP DETAILS
IL RTE 137 AT 29TH ST - I



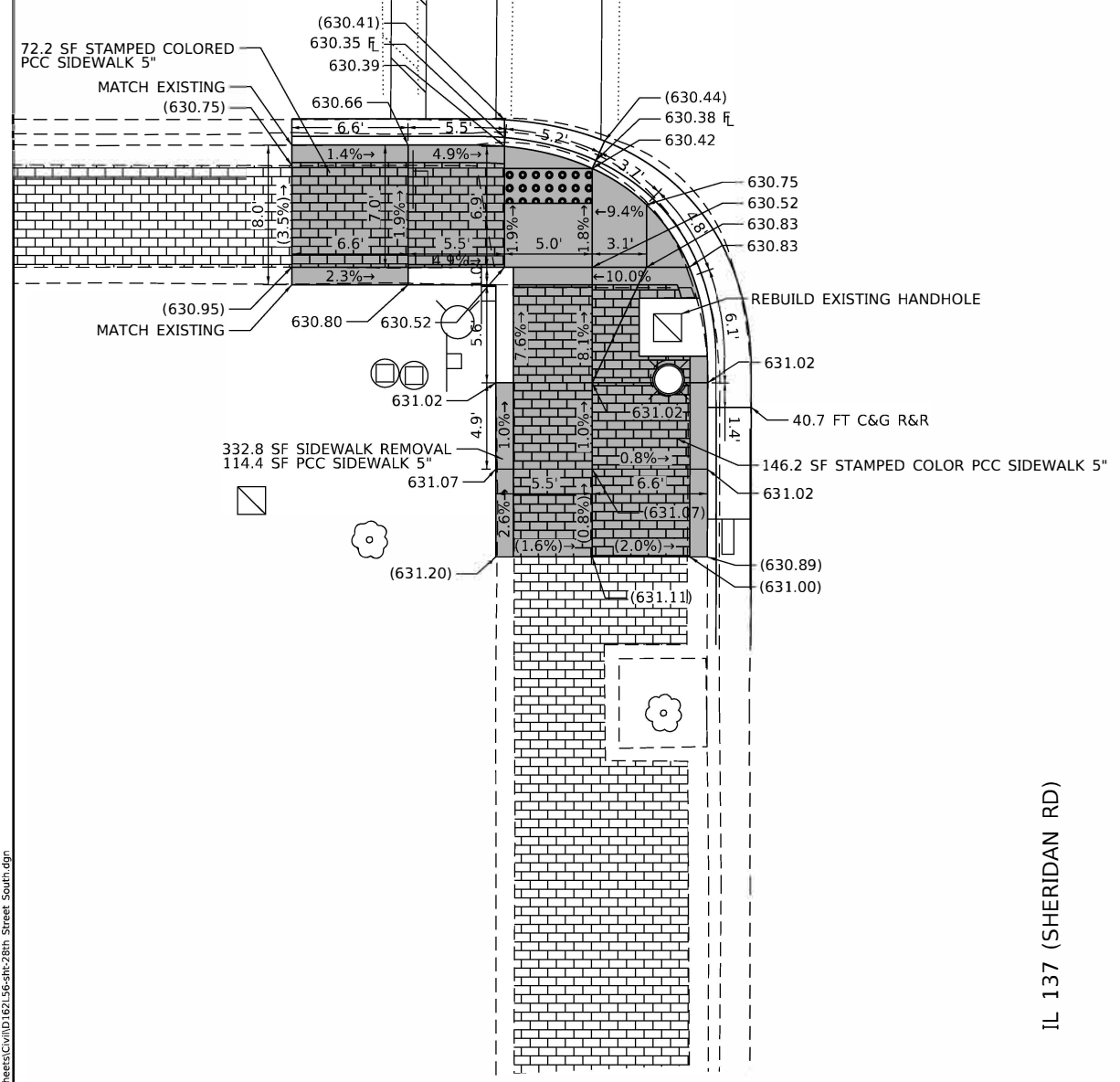
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PLOT SCALE = 10.0000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 12/22/2020	CHECKED - DH	REVISED -
	DATE - 11/20/2020	REVISED -

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

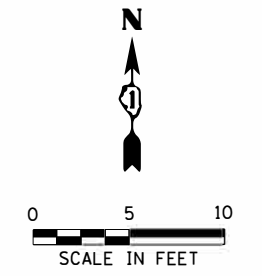
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	35
CONTRACT NO.			62156	
ILLINOIS		FED. AID PROJECT		



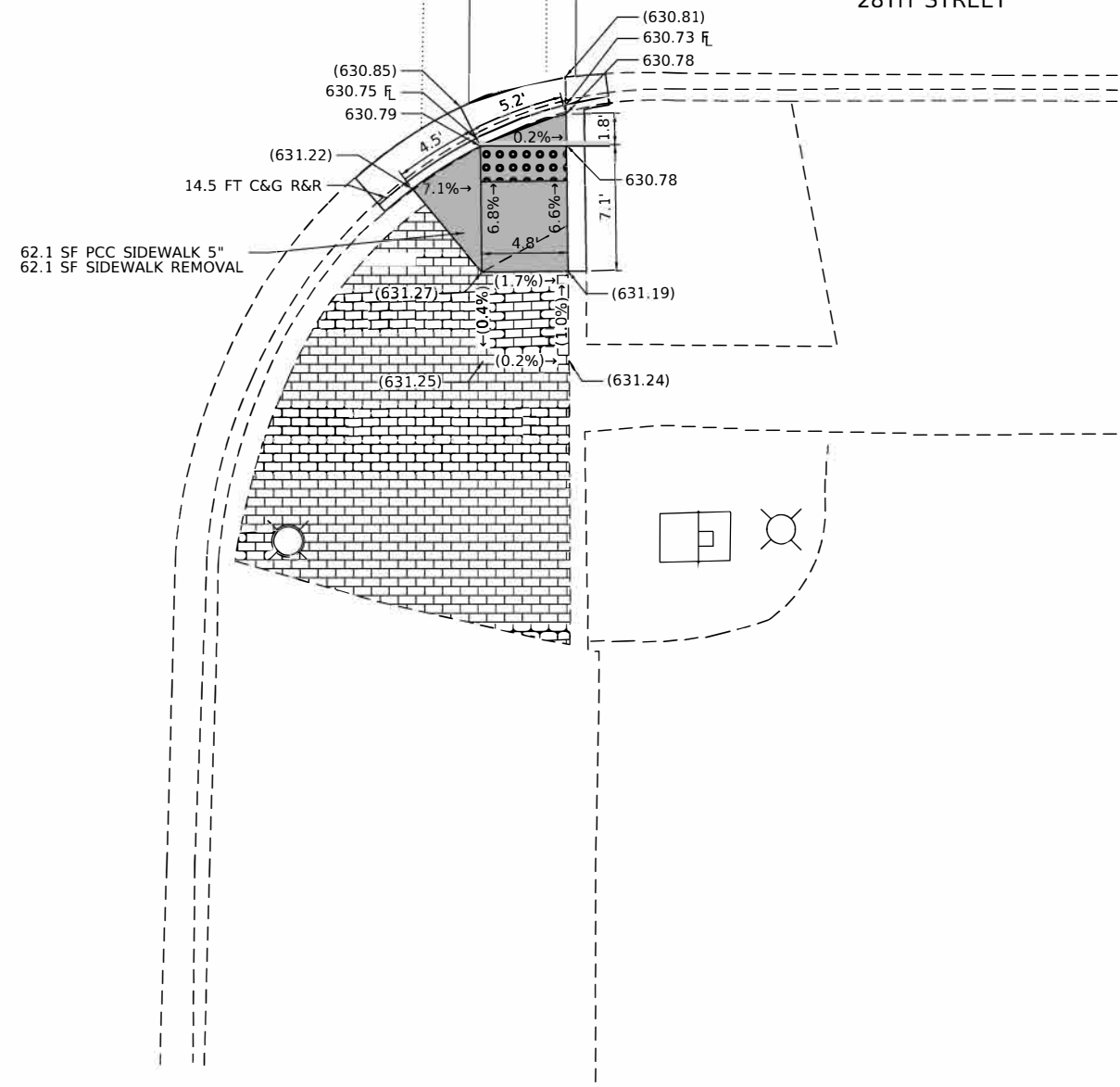
28TH STREET



IL 137 (SHERIDAN RD)



28TH STREET



IL 137 (SHERIDAN RD)

MODEL: Default
FILE NAME: G:\Engineering\LiveProjects\2005 IDOT DUBUQUE 6 - 62156\CADD\CADD Sheets\Civil\162156-sh-28th Street South.dgn

REFERENCE BENCHMARK ELEV 632.59
BENCHMARK : W FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
LOCATION : 11 FT S OF 28TH ST

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- CLASS D PATCHES, 9 INCH (SPECIAL)
- PROPOSED SIDEWALK
- HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- EXISTING STAMPED COLORED SIDEWALK TO REMAIN
- PROPOSED STAMPED COLORED SIDEWALK

REFERENCE BENCHMARK ELEV 632.59
BENCHMARK : W FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
LOCATION : 11 FT S OF 28TH ST



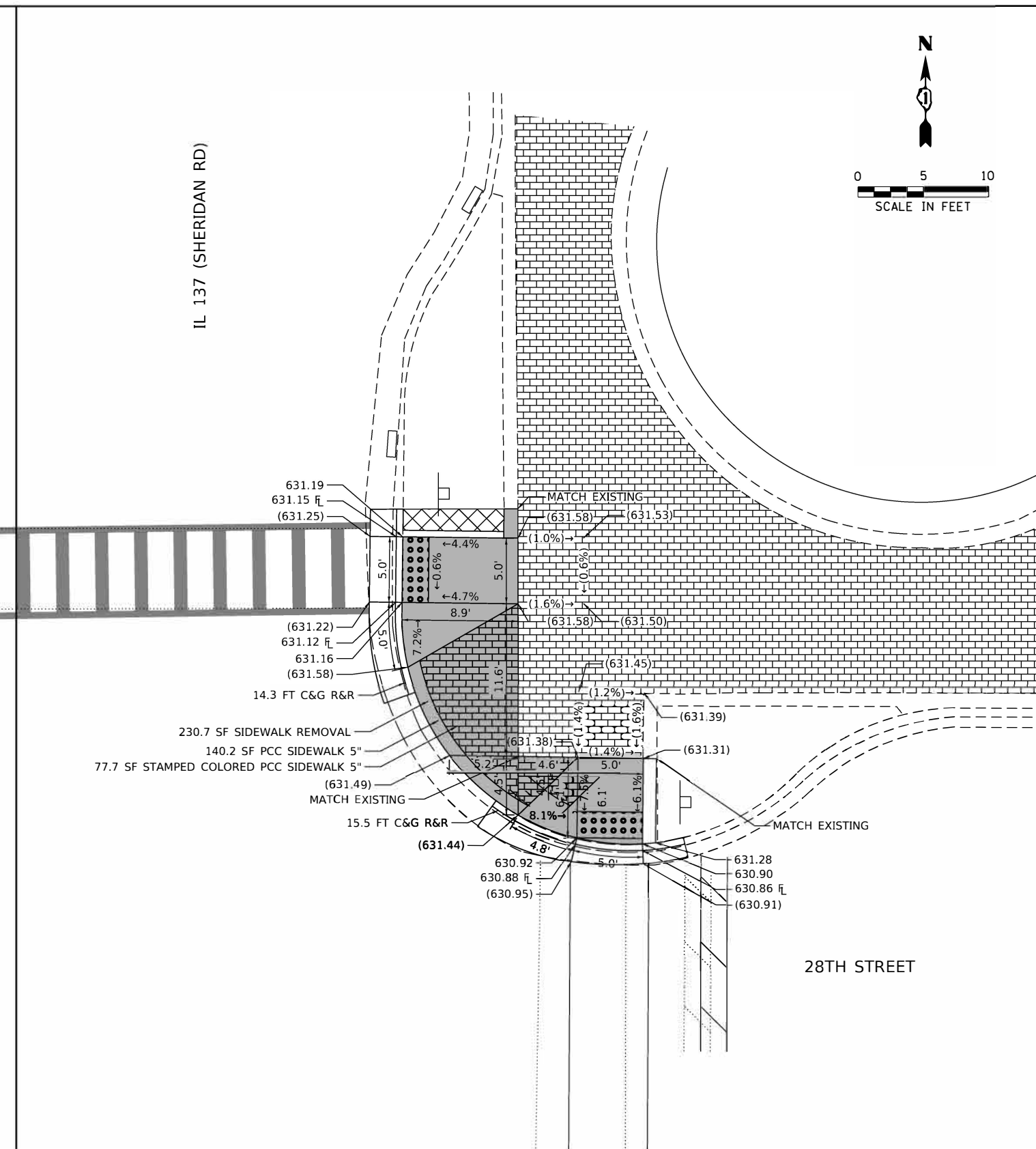
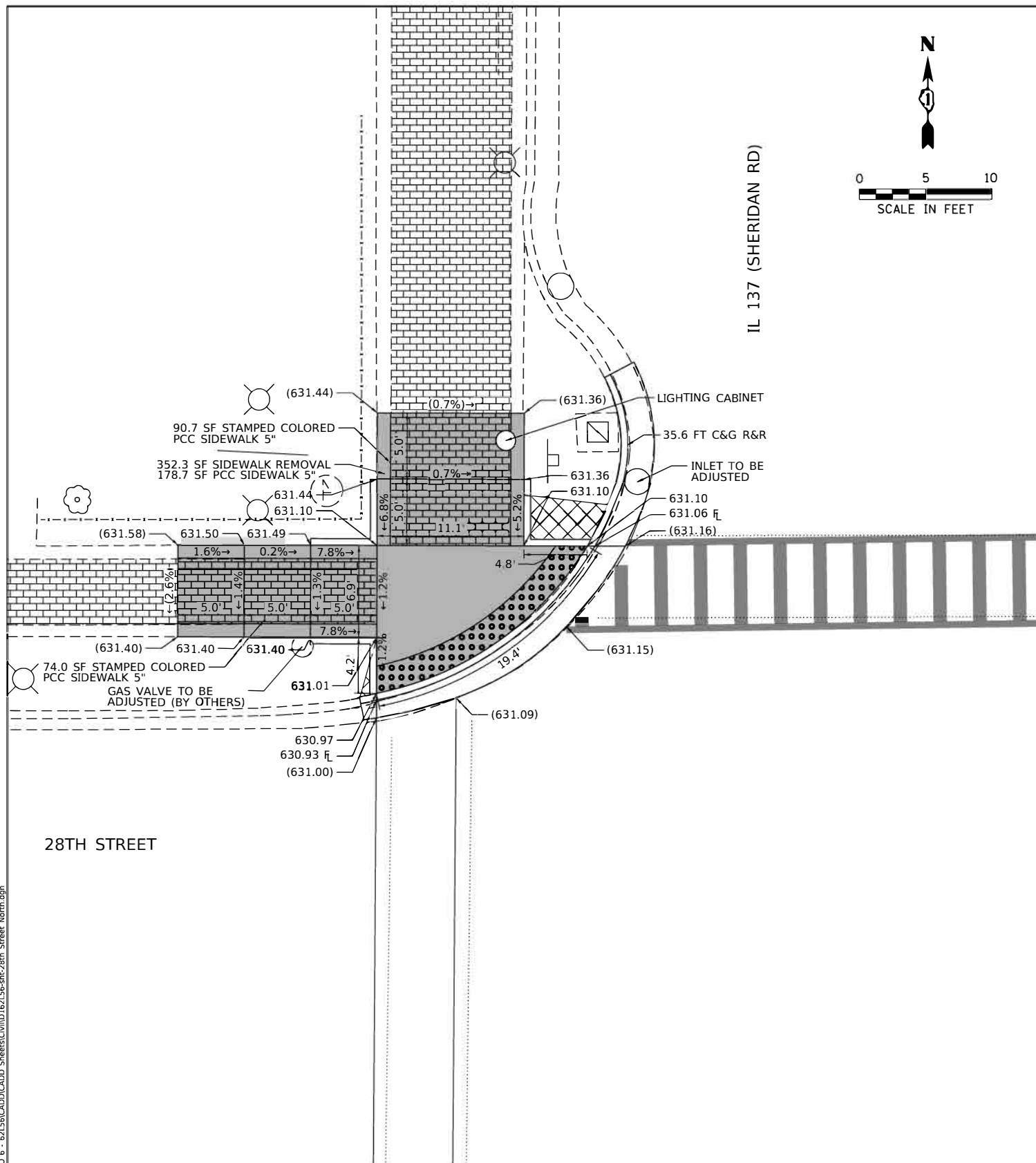
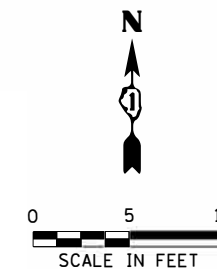
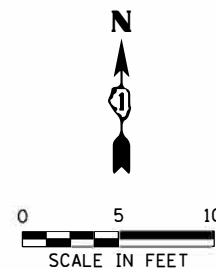
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
IL RTE 137 AT 28TH ST - II**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-07B-R5&SW	LAKE	80	36
CONTRACT NO. 62156				
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: G:\Engineering\Live\Projects\2005 IDOT DUBUQUE 6 - 62156\CADD\CADD Sheets\Civil\162156-sh-28th Street North.dgn

REFERENCE BENCHMARK ELEV 632.59
 BENCHMARK : W FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
 LOCATION : 11 FT S OF 28TH ST

REFERENCE BENCHMARK ELEV 632.59
 BENCHMARK : W FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
 LOCATION : 11 FT S OF 28TH ST

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB



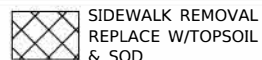
DETECTABLE WARNINGS



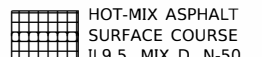
PROPOSED SIDEWALK



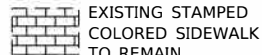
PROPOSED STAMPED COLORED SIDEWALK



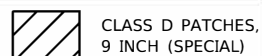
SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50



EXISTING STAMPED COLORED SIDEWALK TO REMAIN



CLASS D PATCHES, 9 INCH (SPECIAL)



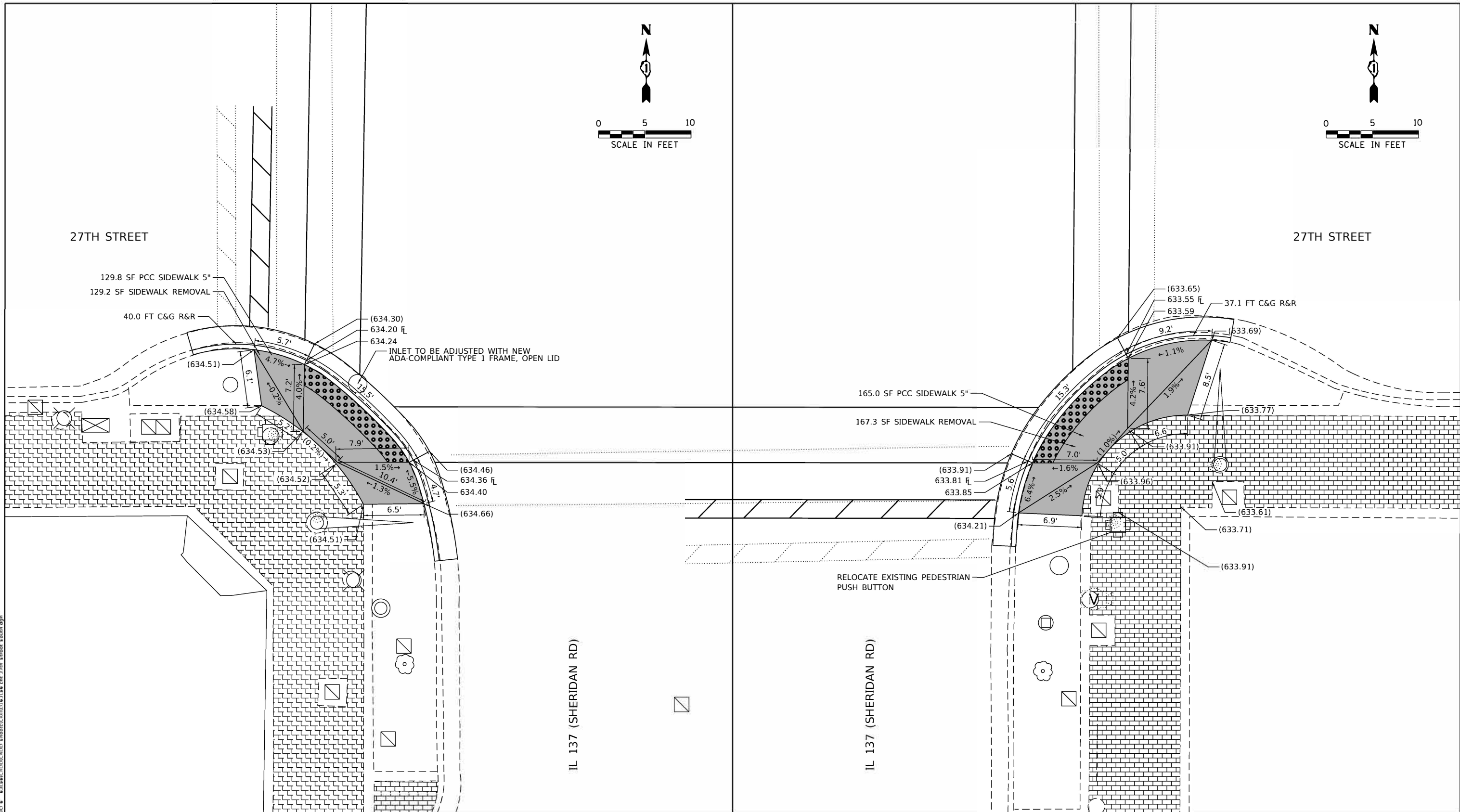
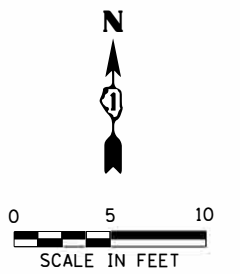
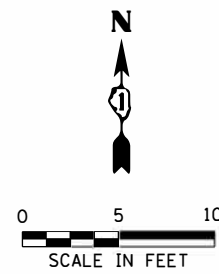
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
IL RTE 137 AT 28TH ST - I

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	37
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 635.66
 BENCHMARK : W FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 13 FT N OF 27TH ST

REFERENCE BENCHMARK ELEV 635.66
 BENCHMARK : W FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 13 FT N OF 27TH ST

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

- DETECTABLE WARNINGS
- PROPOSED SIDEWALK
- PROPOSED STAMPED COLORED SIDEWALK

- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- EXISTING STAMPED COLORED SIDEWALK TO REMAIN

- CLASS D PATCHES, 9 INCH (SPECIAL)

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 IL RTE 137 AT 27TH ST - II**

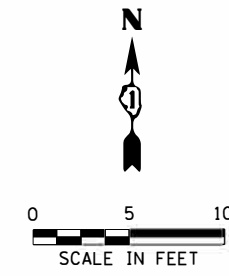
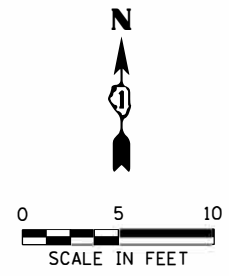
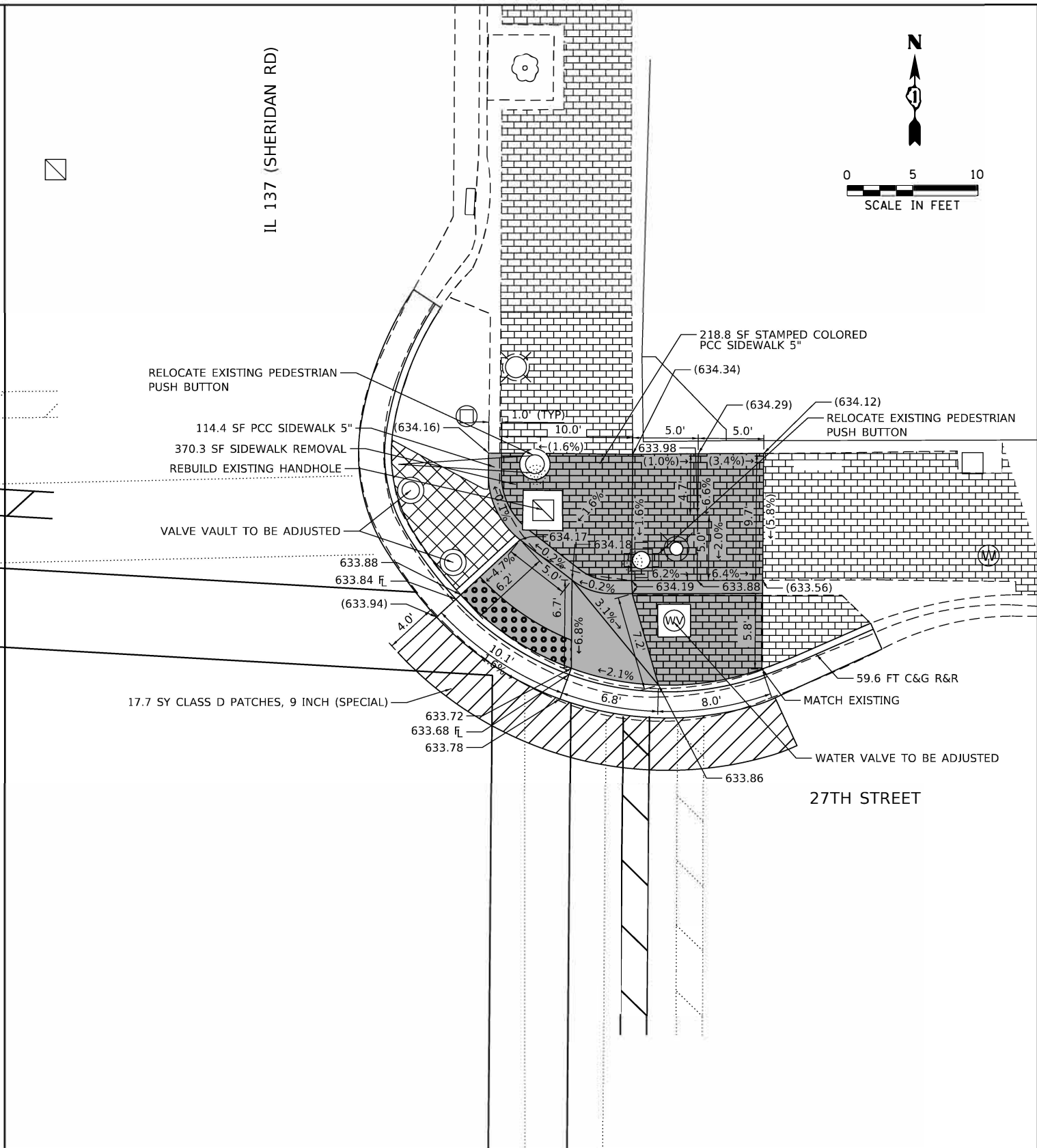
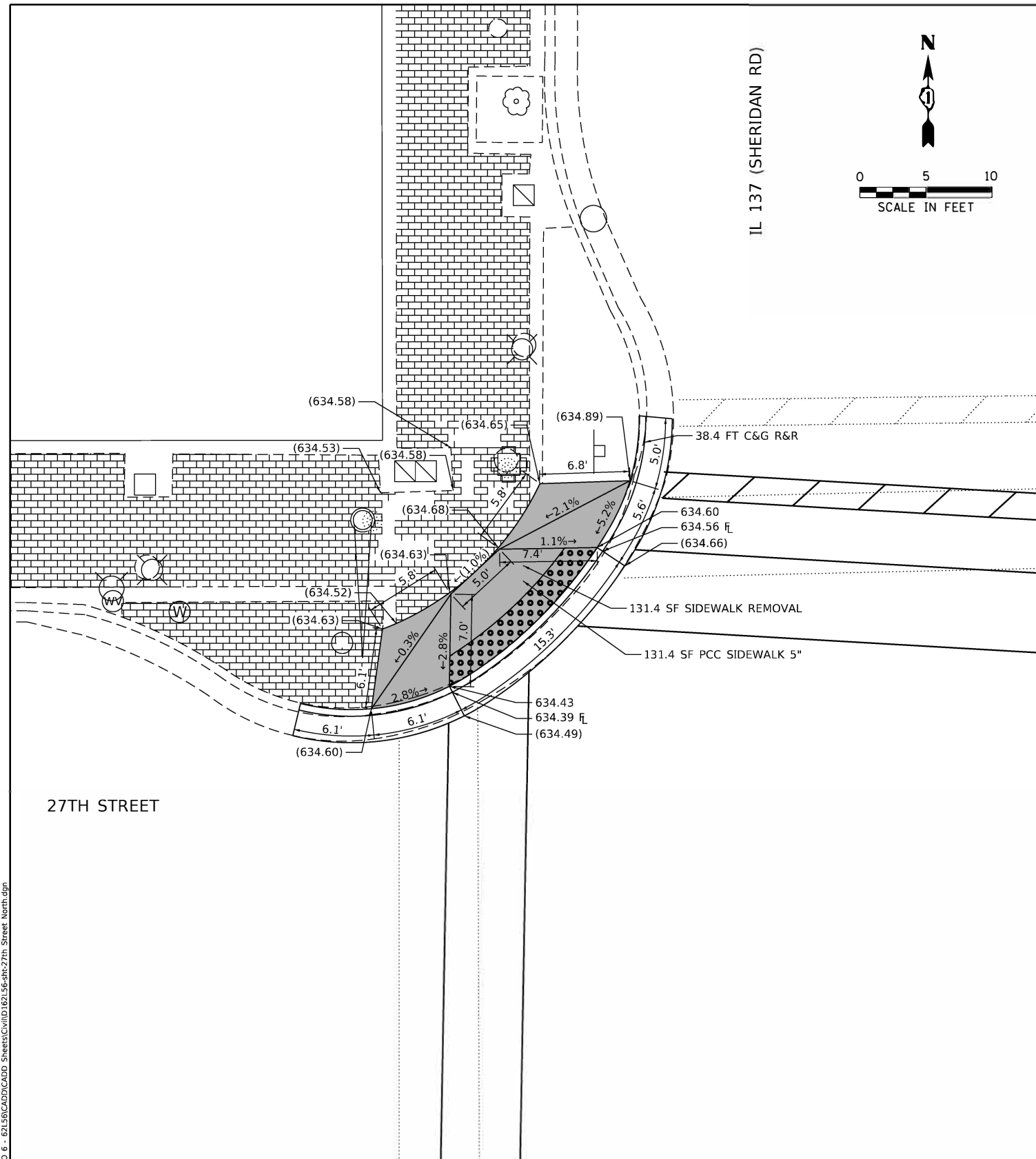
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	38
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				

MODEL: Default
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	DRAWN - DW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DH	REVISED -
PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISED -



27TH STREET

27TH STREET

LEGEND	
XX.X'	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
	PROPOSED SIDE CURB
	DETECTABLE WARNINGS
	PROPOSED SIDEWALK
	PROPOSED STAMPED COLORED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
	EXISTING STAMPED COLORED SIDEWALK TO REMAIN
	CLASS D PATCHES, 9 INCH (SPECIAL)

REFERENCE BENCHMARK ELEV 635.66
 BENCHMARK : W FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 13 FT N OF 27TH ST

REFERENCE BENCHMARK ELEV 635.66
 BENCHMARK : W FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 13 FT N OF 27TH ST

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	DATE - 11/20/2020	REVISED -

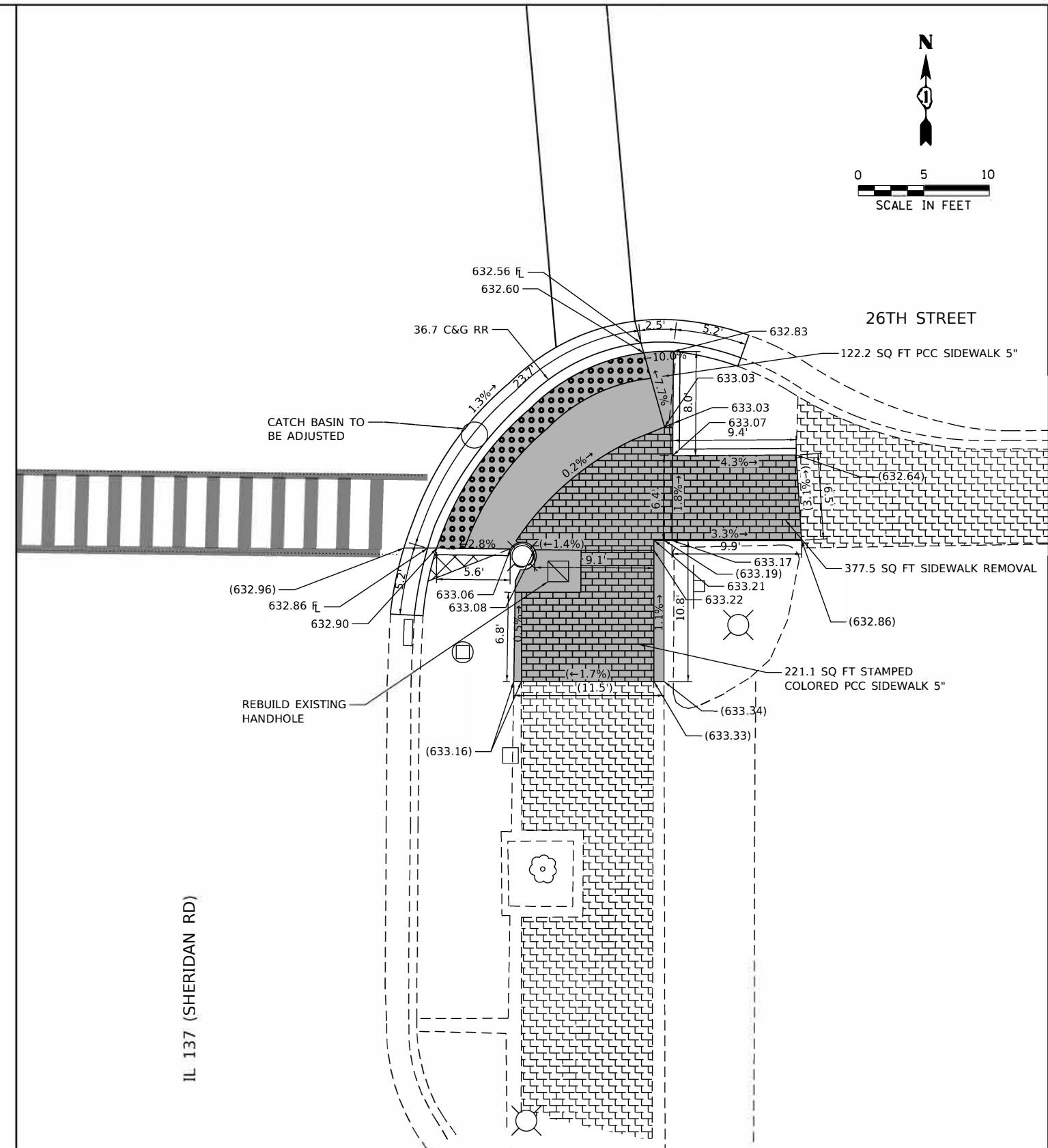
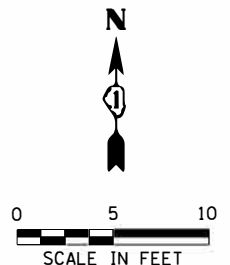
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 IL RTE 137 AT 27TH ST - I**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	39
CONTRACT NO. 62156				

ILLINOIS FED. AID PROJECT



LEGEND	
XX.X'	EXISTING LENGTH
()	EXISTING ELEVATION/SLOPE
—	PROPOSED SIDE CURB
	DETECTABLE WARNINGS
	PROPOSED SIDEWALK
	PROPOSED STAMPED COLORED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
	EXISTING STAMPED COLORED SIDEWALK TO REMAIN
	CLASS D PATCHES, 9 INCH (SPECIAL)

REFERENCE BENCHMARK ELEV 635.65
 BENCHMARK : SE FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
 LOCATION : 8 FT S OF 26TH ST

MODEL: Default
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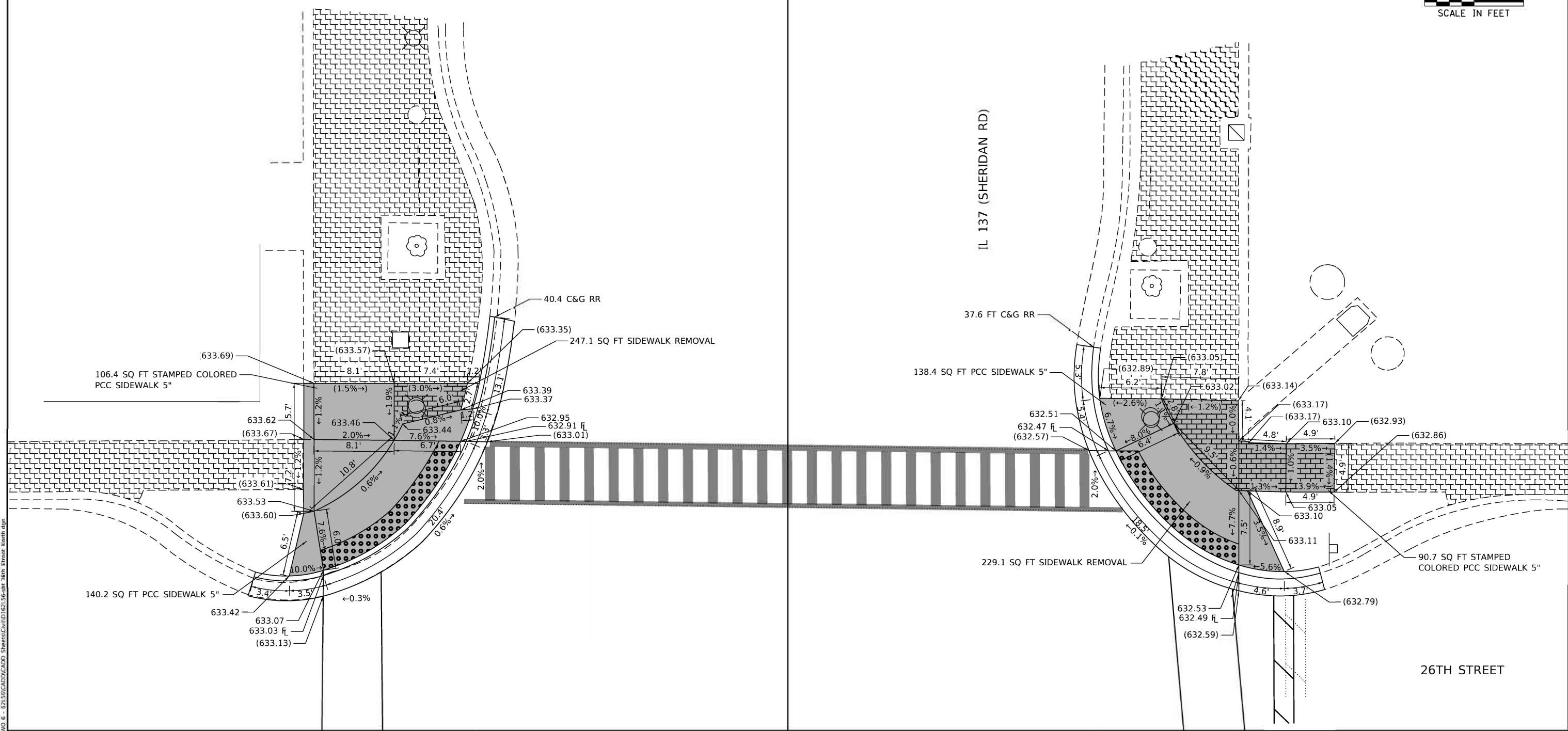
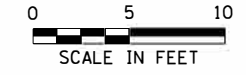
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PLOT DATE = 12/22/2020		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 IL RTE 137 AT 26TH ST - II**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	40
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				



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REFERENCE BENCHMARK ELEV 635.65
BENCHMARK : SE FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
LOCATION : 8 FT S OF 26TH ST

REFERENCE BENCHMARK ELEV 635.65
BENCHMARK : SE FLANGE BOLT OF FIRE HYDRANT AT SW CORNER
LOCATION : 8 FT S OF 26TH ST

LEGEND	
XX.X'	EXISTING LENGTH
	EXISTING ELEVATION/SLOPE
	PROPOSED SIDE CURB
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	CLASS D PATCHES, 9 INCH (SPECIAL)
	PROPOSED SIDEWALK
	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
	EXISTING STAMPED COLORED SIDEWALK TO REMAIN
	PROPOSED STAMPED COLORED SIDEWALK



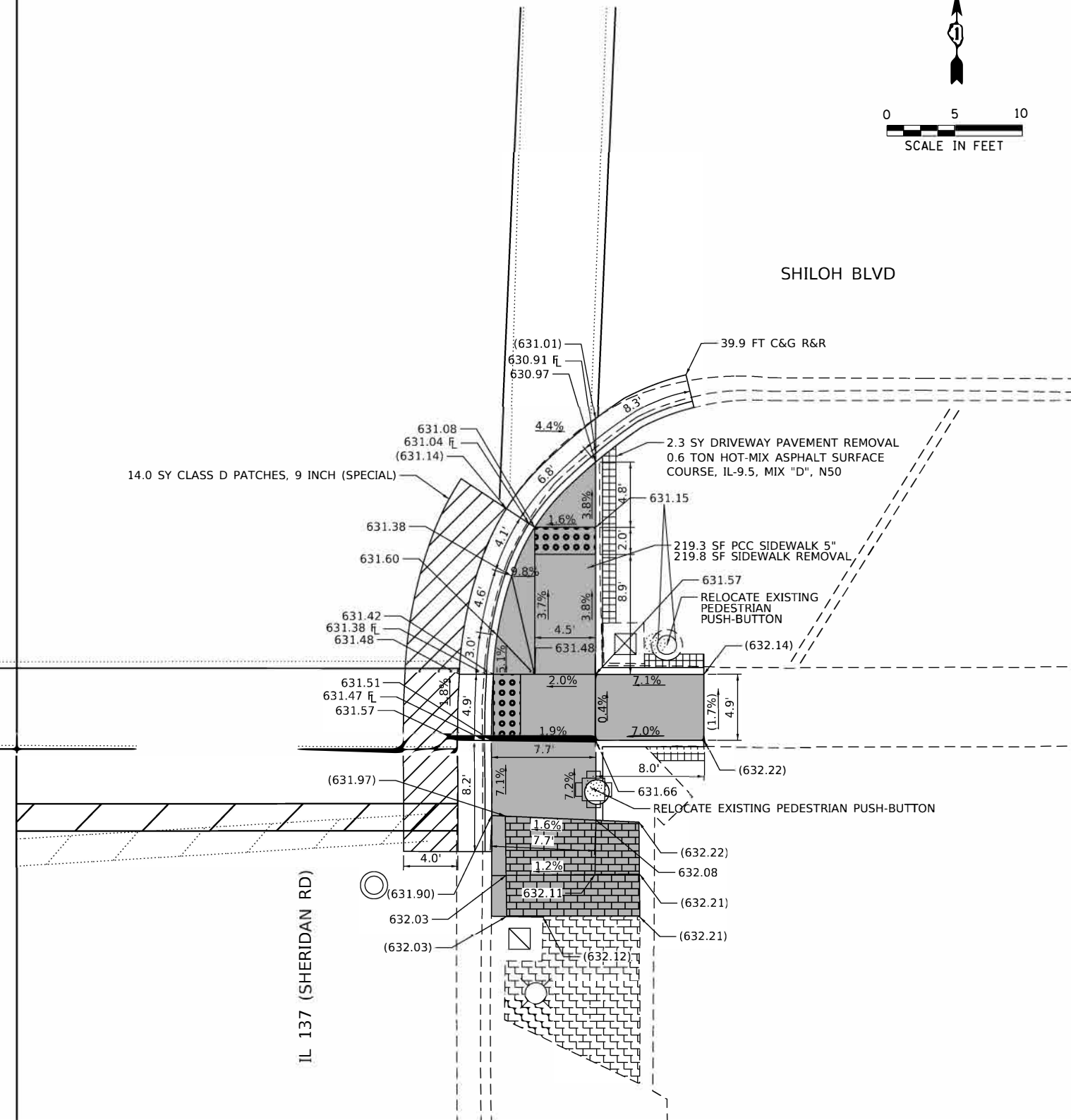
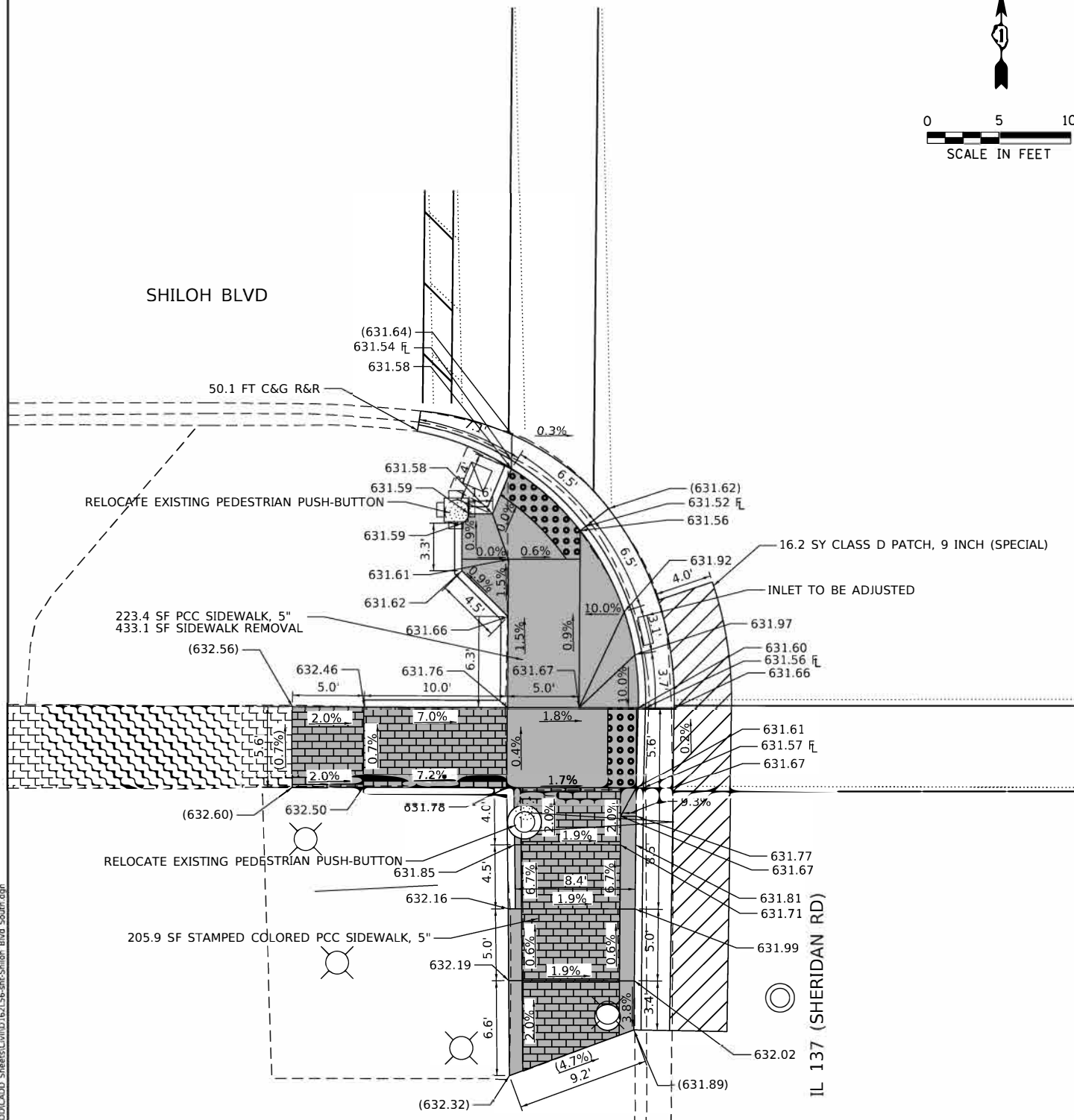
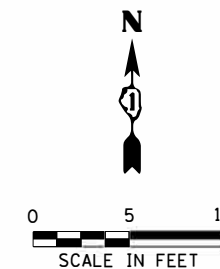
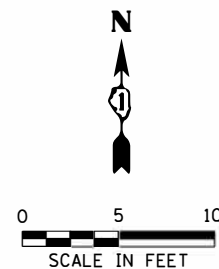
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DRAWN - DGM	REVISIONS -	
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAILS
IL RTE 137 AT 26TH ST - I**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	41
CONTRACT NO. 62L56				
ILLINOIS		FED. AID PROJECT		



REFERENCE BENCHMARK ELEV 632.80
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 15 FT N OF SHILOH BLVD

REFERENCE BENCHMARK ELEV 632.80
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 15 FT N OF SHILOH BLVD

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB



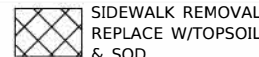
DETECTABLE WARNINGS



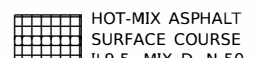
PROPOSED SIDEWALK



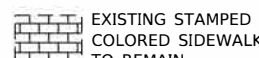
PROPOSED STAMPED COLORED SIDEWALK



SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50



EXISTING STAMPED COLORED SIDEWALK TO REMAIN



CLASS D PATCHES, 9 INCH (SPECIAL)

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 IL RTE 137 AT SHILOH BLVD - II

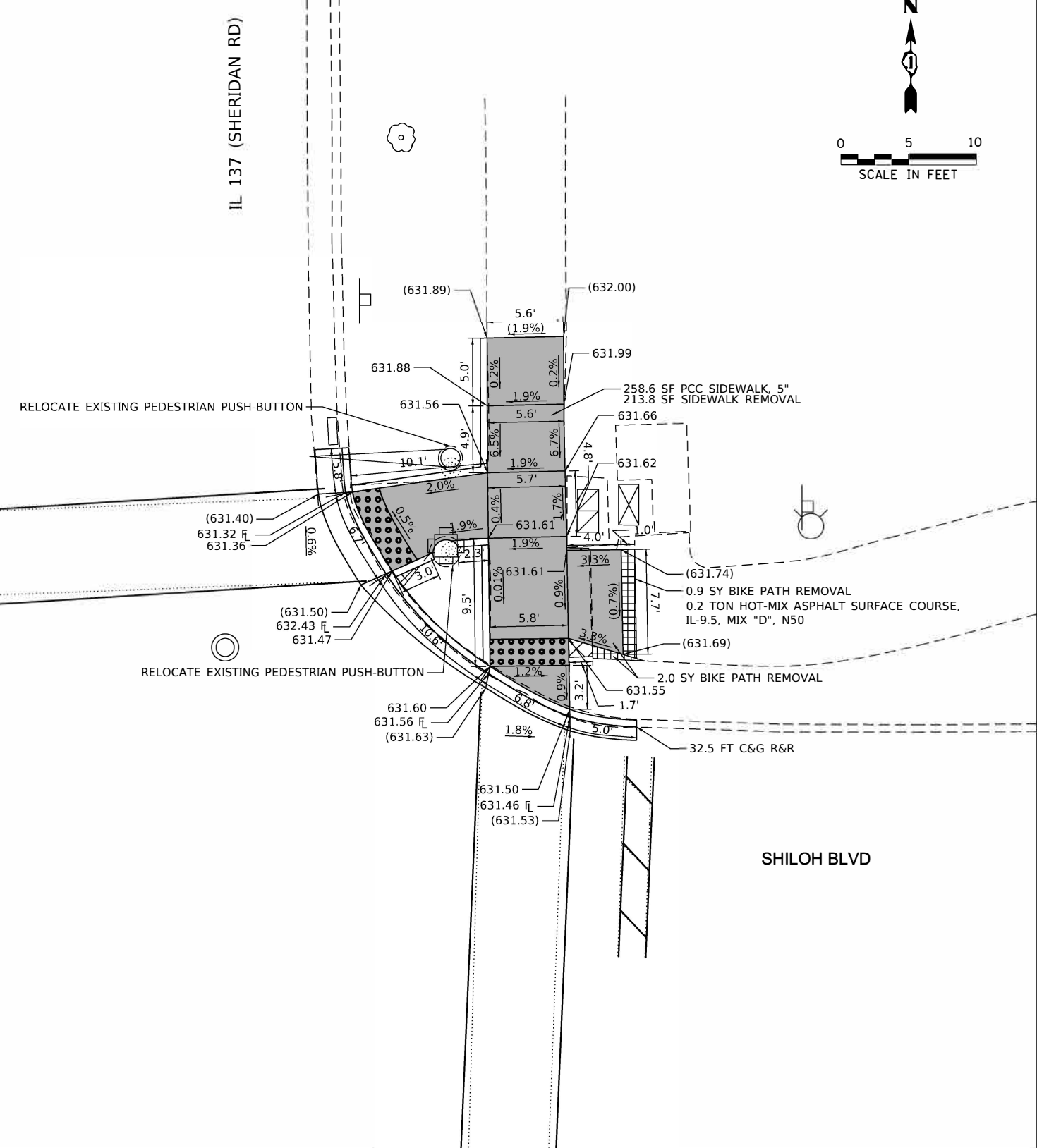
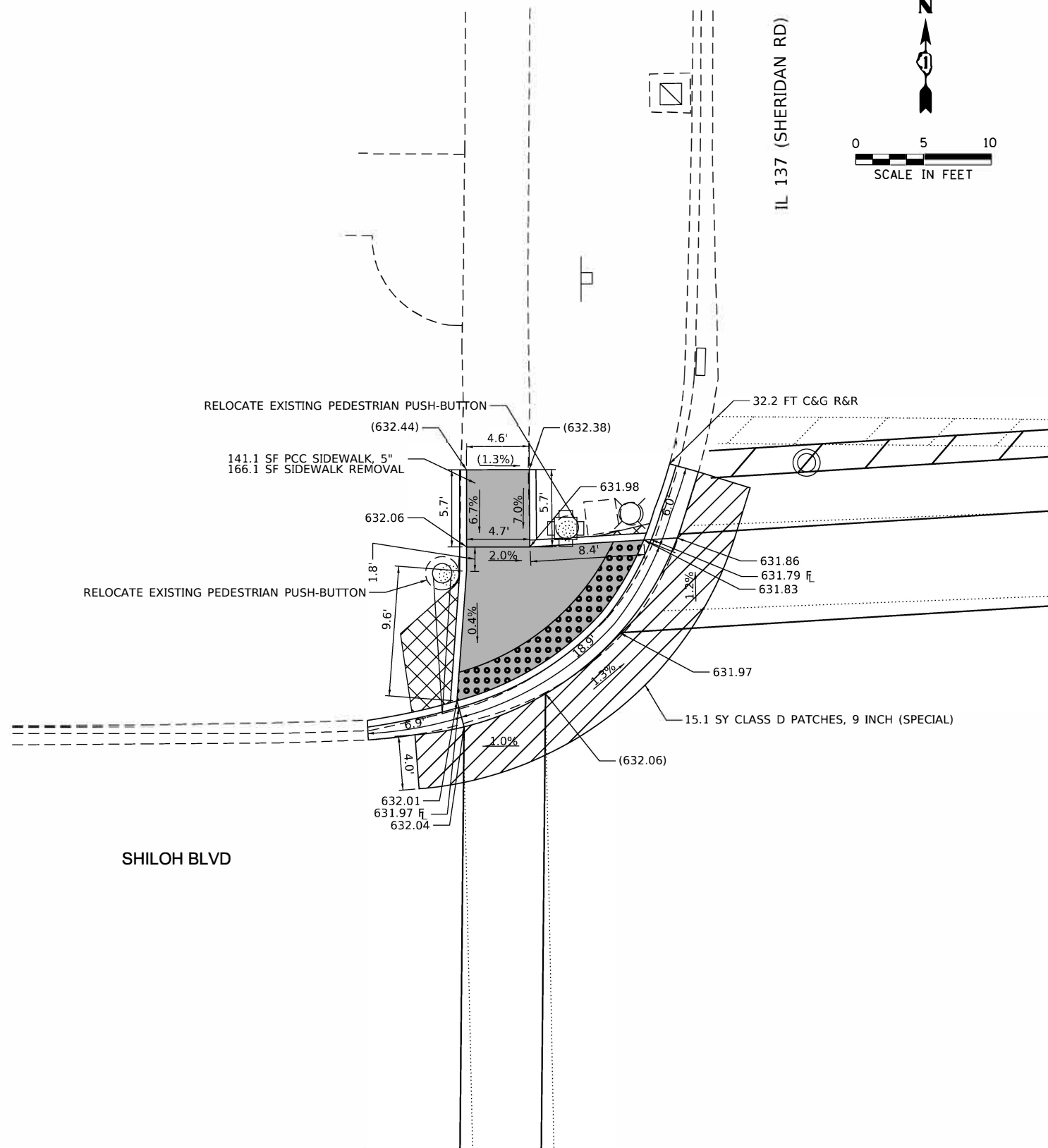
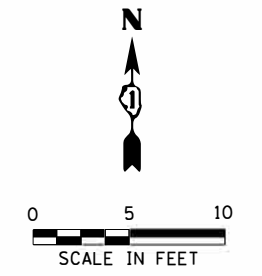
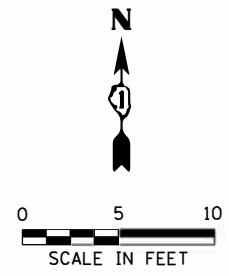
SCALE: 1"=5'

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	42
CONTRACT NO. 62L56				
ILLINOIS		FED. AID PROJECT		

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 Accurate GROUP, INC.

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DRAWN - JLS	REVISIONS -	
PLOT SCALE = 10.0000' / in.	CHECKED - JD	REVISIONS -
PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -



SHILOH BLVD

SHILOH BLVD

LEGEND	
XX.X'	EXISTING LENGTH
	EXISTING ELEVATION/SLOPE
	PROPOSED SIDE CURB
	DETECTABLE WARNINGS
	PROPOSED SIDEWALK
	PROPOSED STAMPED COLORED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
	EXISTING STAMPED COLORED SIDEWALK TO REMAIN
	CLASS D PATCHES, 9 INCH (SPECIAL)

REFERENCE BENCHMARK ELEV 632.80
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 15 FT N OF SHILOH BLVD

REFERENCE BENCHMARK ELEV 632.80
 BENCHMARK : N FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 15 FT N OF SHILOH BLVD

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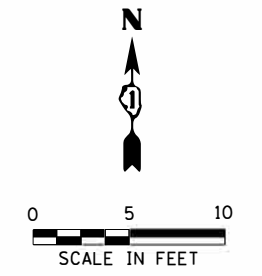
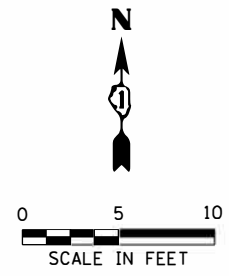
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 IL RTE 137 AT SHILOH BLVD - I**

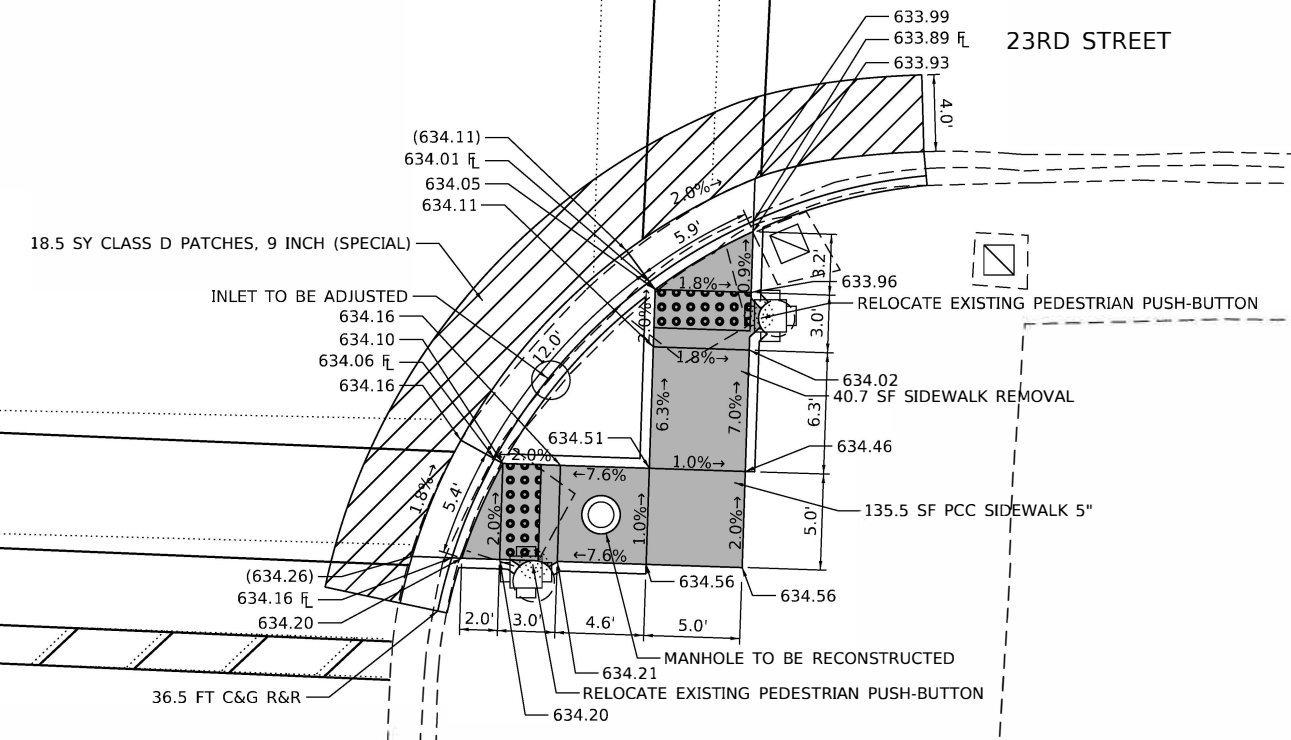
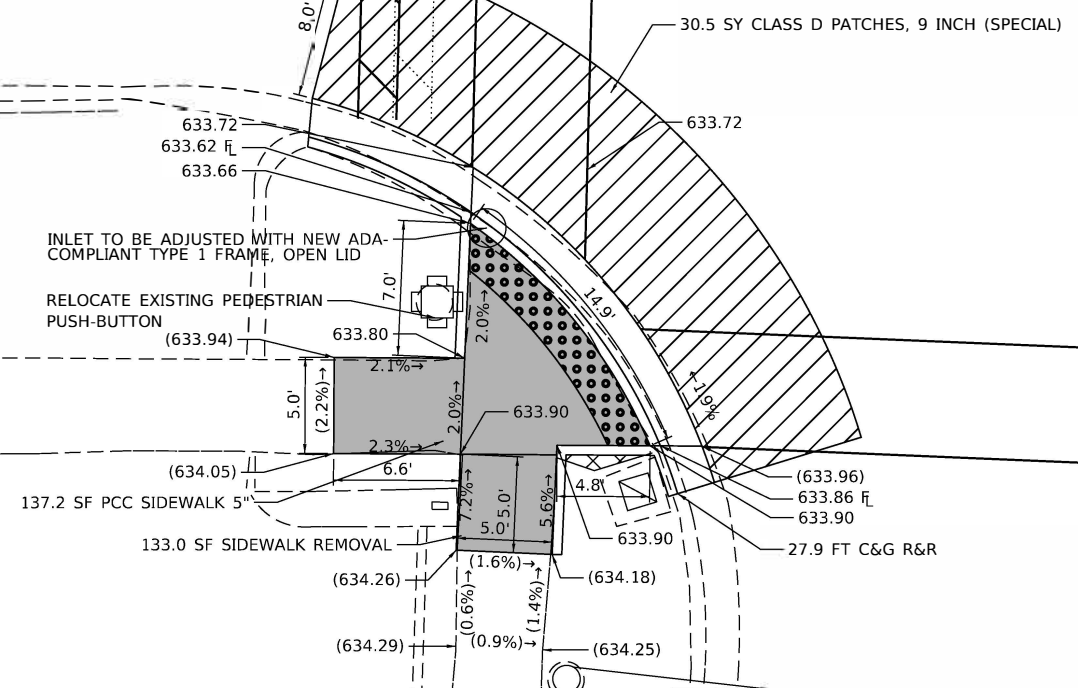
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	43
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				



23RD STREET

23RD STREET



IL 137 (SHERIDAN RD)

IL 137 (SHERIDAN RD)

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB

- DETECTABLE WARNINGS
- PROPOSED SIDEWALK
- PROPOSED STAMPED COLORED SIDEWALK

- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
- EXISTING STAMPED COLORED SIDEWALK TO REMAIN

- CLASS D PATCHES, 9 INCH (SPECIAL)

REFERENCE BENCHMARK ELEV 635.96
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 8 FT N OF 23RD ST

REFERENCE BENCHMARK ELEV 635.96
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 8 FT N OF 23RD ST

MODEL: Default
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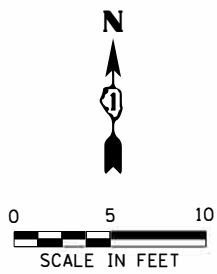
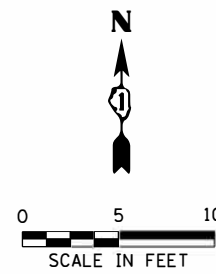
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PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 SHERIDAN RD AT 23RD ST - II**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	44
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				

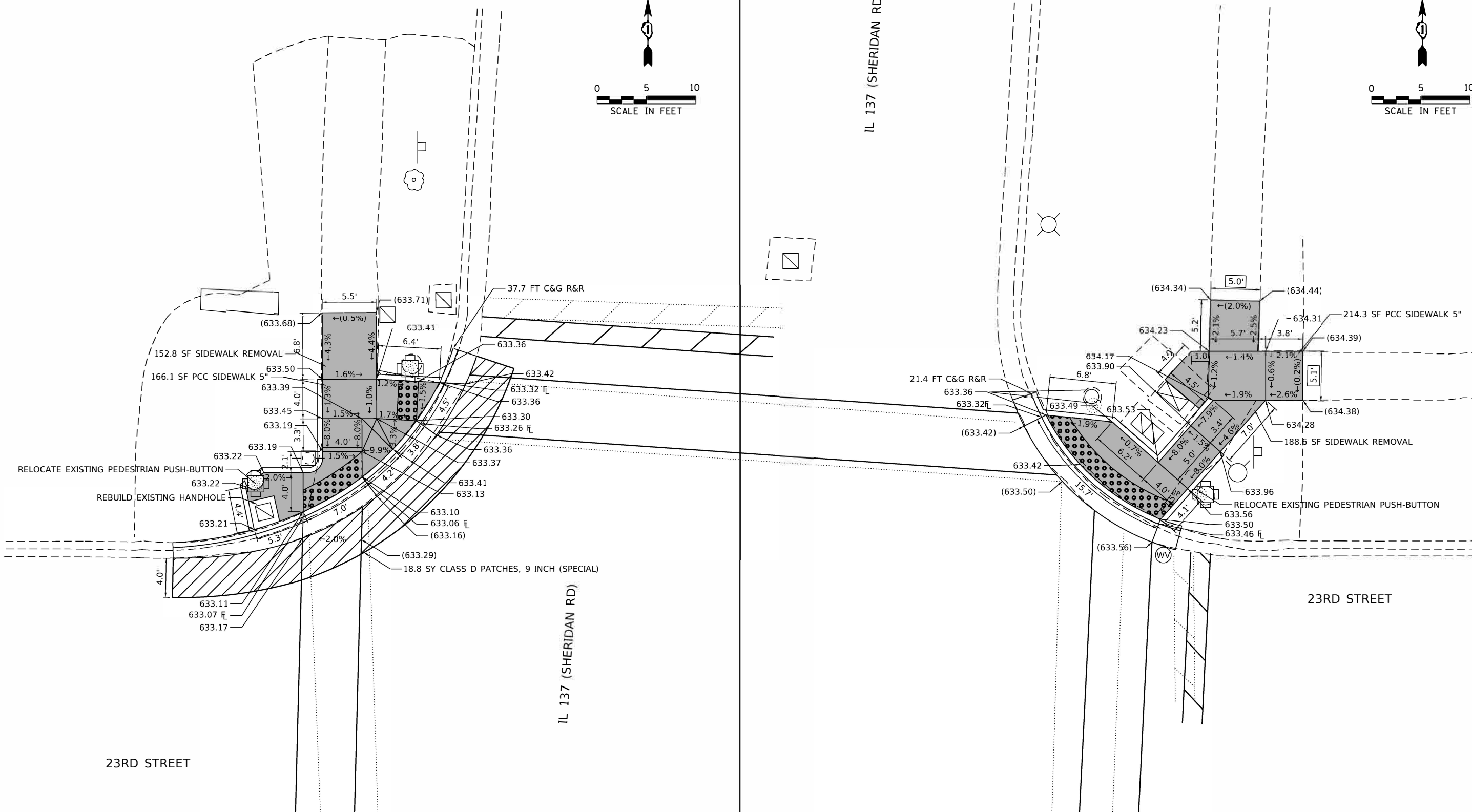


IL 137 (SHERIDAN RD)

IL 137 (SHERIDAN RD)

23RD STREET

23RD STREET



REFERENCE BENCHMARK ELEV 635.96
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 8 FT N OF 23RD ST

REFERENCE BENCHMARK ELEV 635.96
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 8 FT N OF 23RD ST

LEGEND

- XX.X' EXISTING LENGTH
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDE CURB



DETECTABLE WARNINGS



PROPOSED SIDEWALK



PROPOSED STAMPED
COLORED SIDEWALK



SIDEWALK REMOVAL
REPLACE W/TOPSOIL
& SOD



HOT-MIX ASPHALT
SURFACE COURSE
IL9.5, MIX D, N-50



EXISTING STAMPED
COLORED SIDEWALK
TO REMAIN



CLASS D PATCHES,
9 INCH (SPECIAL)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
SHERIDAN RD AT 23RD ST - I

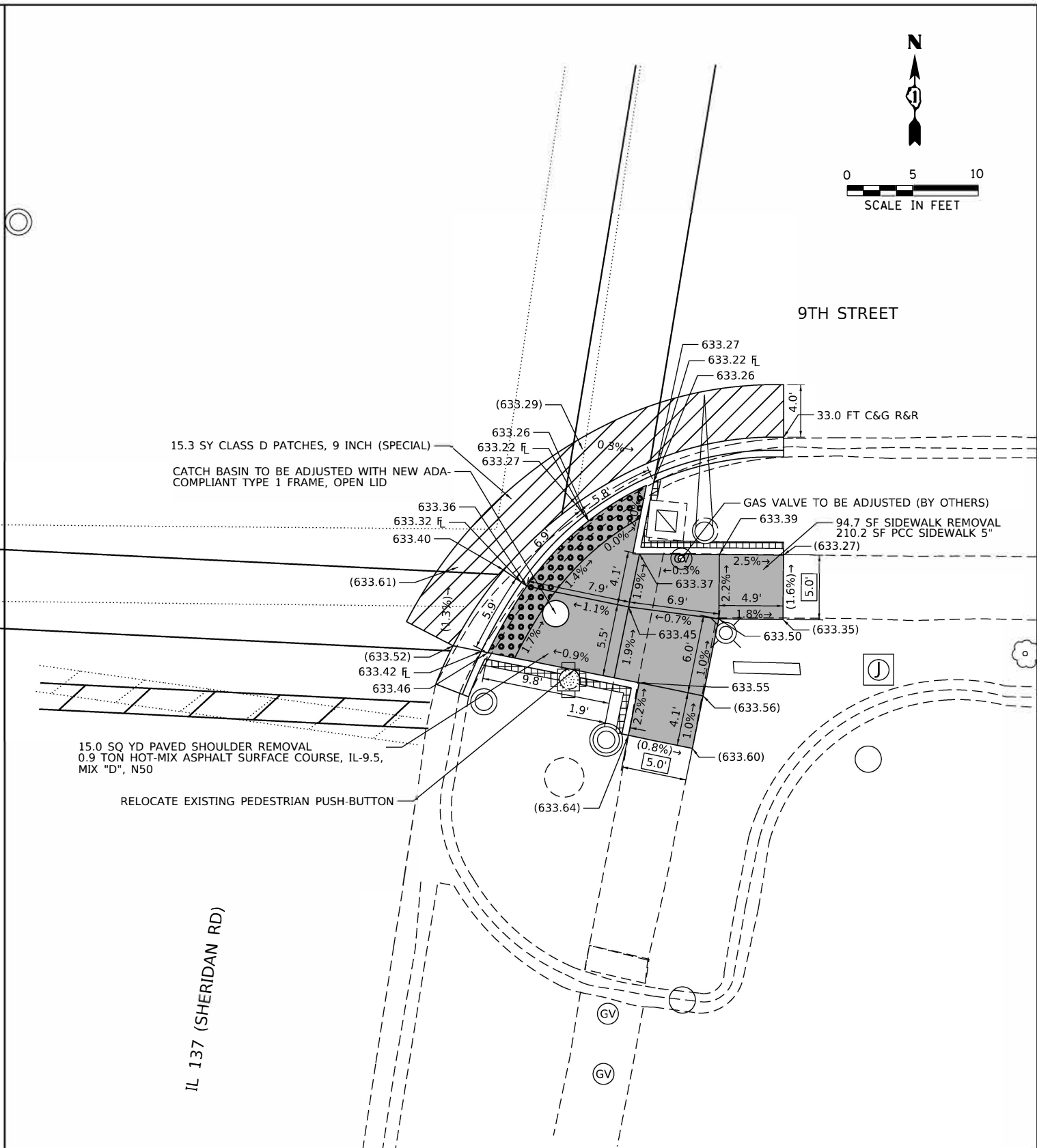
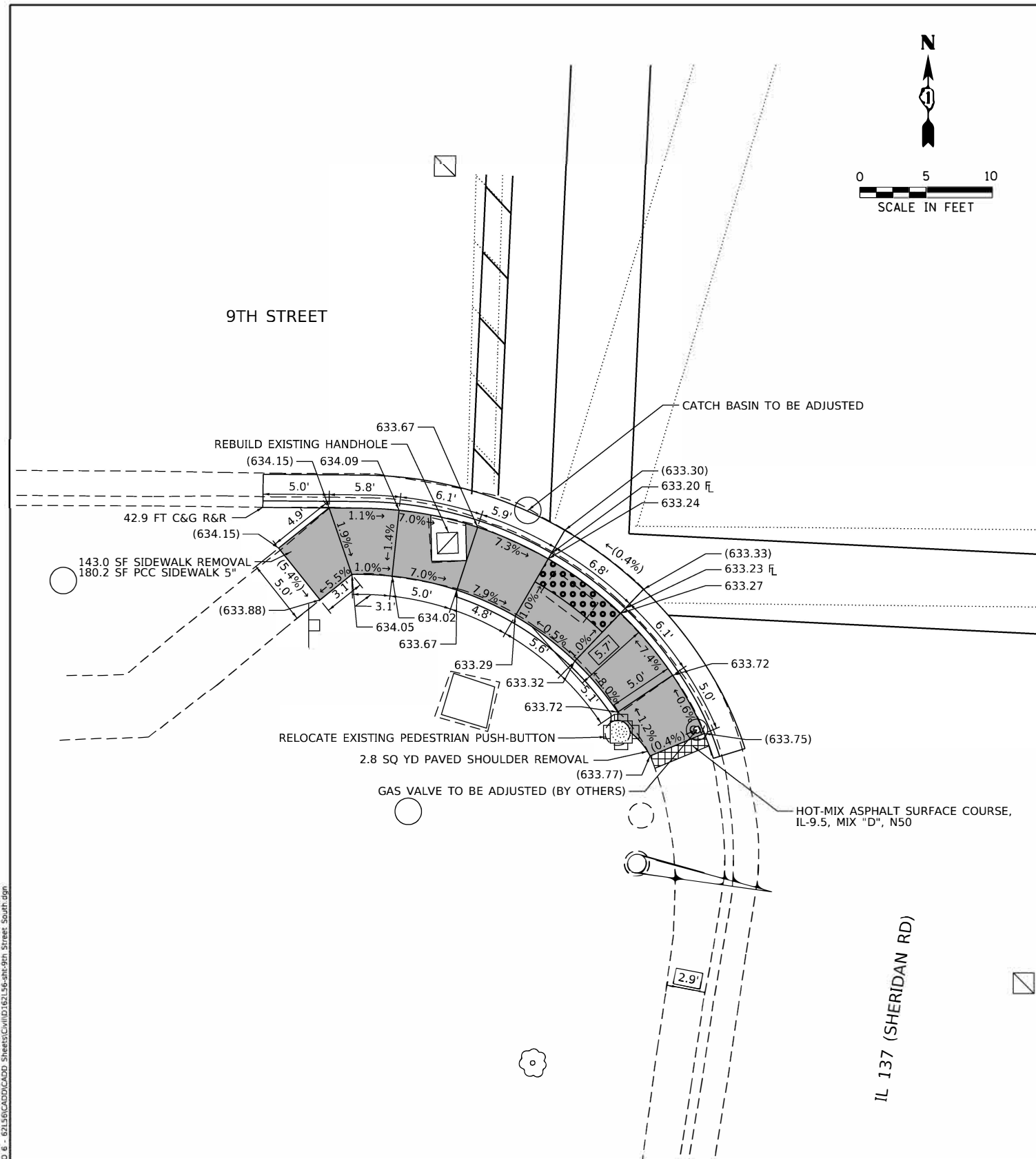
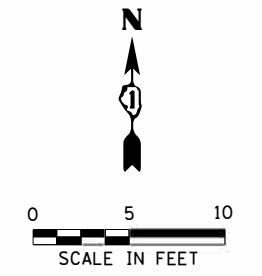
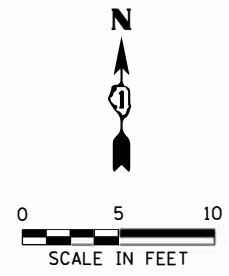
SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	45
CONTRACT NO.			62L56	
ILLINOIS FED. AID PROJECT				

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	DRAWN - DW	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DH	REVISED -
PLOT DATE = 12/22/2020	DATE - 11/20/2020	REVISED -



REFERENCE BENCHMARK ELEV 634.53
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 10 FT E OF IL RTE 137 (SHERIDAN RD)

REFERENCE BENCHMARK ELEV 634.53
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 10 FT E OF IL RTE 137 (SHERIDAN RD)

LEGEND	
	EXISTING LENGTH
	EXISTING ELEVATION/SLOPE
	PROPOSED SIDE CURB
	DETECTABLE WARNINGS
	PROPOSED SIDEWALK
	PROPOSED STAMPED COLORED SIDEWALK
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
	EXISTING STAMPED COLORED SIDEWALK TO REMAIN
	CLASS D PATCHES, 9 INCH (SPECIAL)

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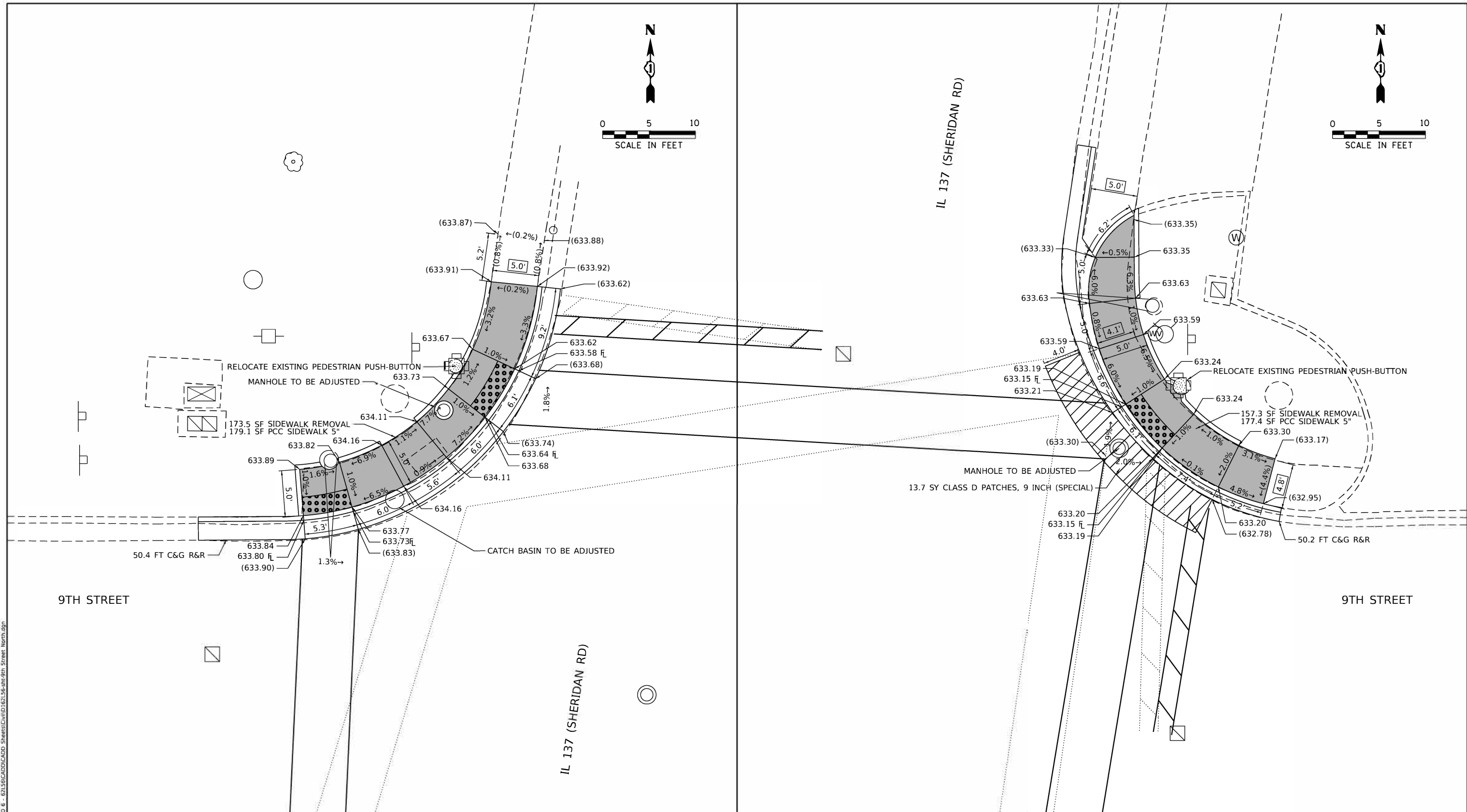
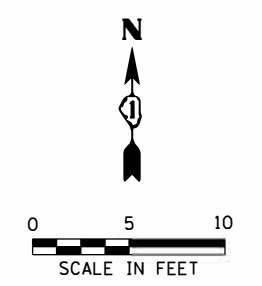
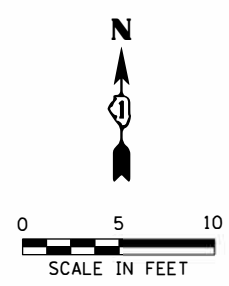
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PLOT SCALE = 10.0000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 12/22/2020	CHECKED - DH	REVISED -
	DATE - 11/20/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 SHERIDAN RD AT 9TH ST - II**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 0352	SECTION 2020-078-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 46
CONTRACT NO. 62L56			ILLINOIS FED. AID PROJECT	



REFERENCE BENCHMARK ELEV 634.53
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 10 FT E OF IL RTE 137 (SHERIDAN RD)

REFERENCE BENCHMARK ELEV 634.53
 BENCHMARK : SW FLANGE BOLT OF FIRE HYDRANT AT NE CORNER
 LOCATION : 10 FT E OF IL RTE 137 (SHERIDAN RD)

LEGEND	
(XX.X') EXISTING LENGTH	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
PROPOSED SIDEWALK	HOT-MIX ASPHALT SURFACE COURSE IL9.5, MIX D, N-50
PROPOSED SIDE CURB	EXISTING STAMPED COLORED SIDEWALK TO REMAIN
DETECTABLE WARNINGS	CLASS D PATCHES, 9 INCH (SPECIAL)
PROPOSED STAMPED COLORED SIDEWALK	



USER NAME = dmortge	DESIGNED - DW	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - DW	REVISED -
PLOT DATE = 12/22/2020	CHECKED - DH	REVISED -
	DATE - 11/20/2020	REVISED -

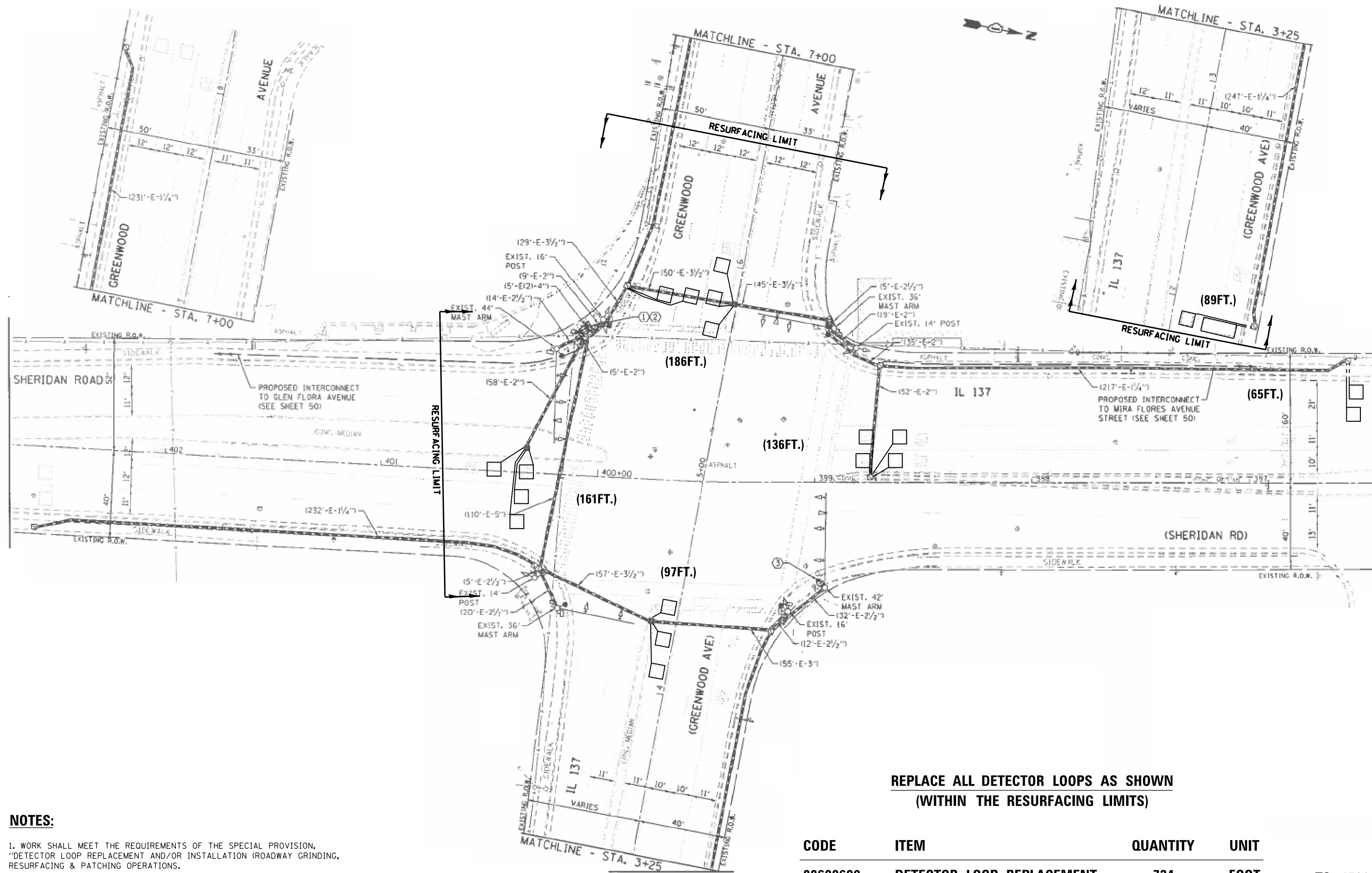
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 SHERIDAN RD AT 9TH ST - I

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0352	2020-078-R5&SW	LAKE	80	47
CONTRACT NO.			62156	
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: N:\GIS\G:\Engineering\Live\Projects\20005\DOT\DWG\W06 - 62156\CADD\CADD Sheets\Civil\DWG\62156-sh-9th-Street_North.dwg



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)**

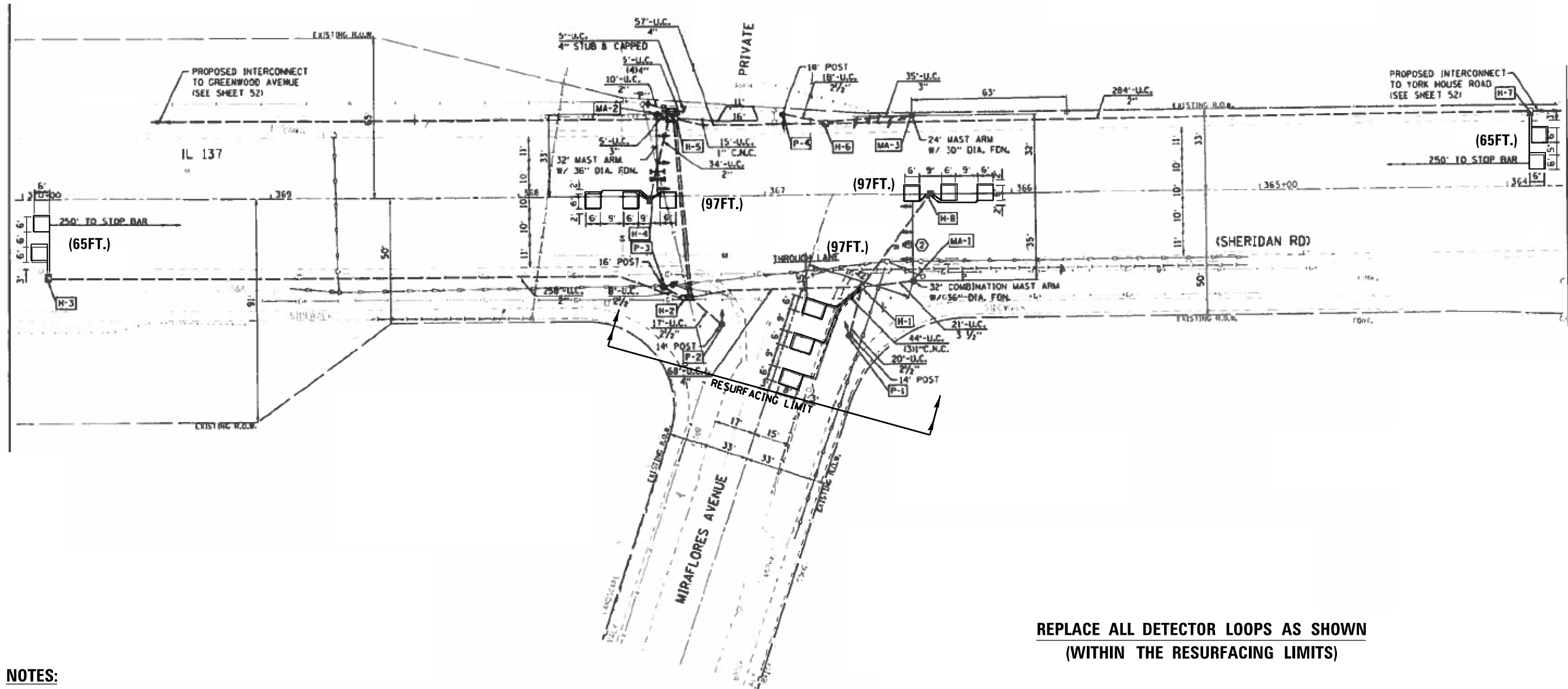
CODE	ITEM	QUANTITY	UNIT	
88600600	DETECTOR LOOP REPLACEMENT	734	FOOT	TS#15060

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\1 TS#15060 IL137 @ Greenwood.dgn	DRAWN - Gonzalo Meza	REVISED -
Default	PLOT SCALE = 48.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL ROUTE 137 (SHERIDAN RD.) AT GREENWOOD AVE.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE		
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



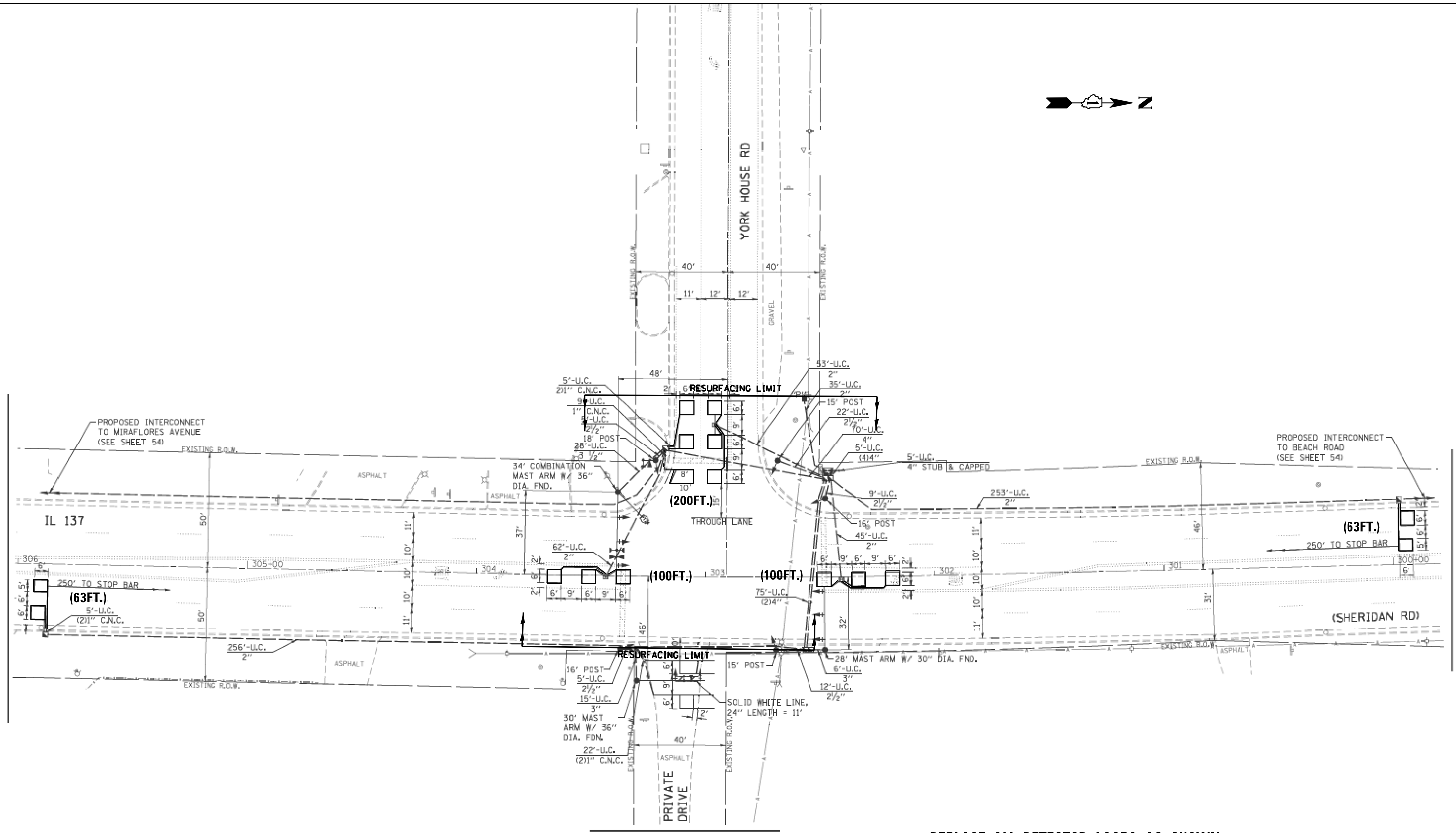
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

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	418	FOOT	TS#15065

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL ROUTE 137 (SHERIDAN RD.) AT MIRAFLORES AVE.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\TS#15065 IL137 @ Miraflores	DRAWN - Gonzalo Meza	REVISED -			352	2020-078-RS&SW	LAKE			
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -			CONTRACT NO. 62L56					
	PLOT DATE = 12/7/2020	DATE - 01/25/2020	REVISED -			ILLINOIS FED. AID PROJECT					



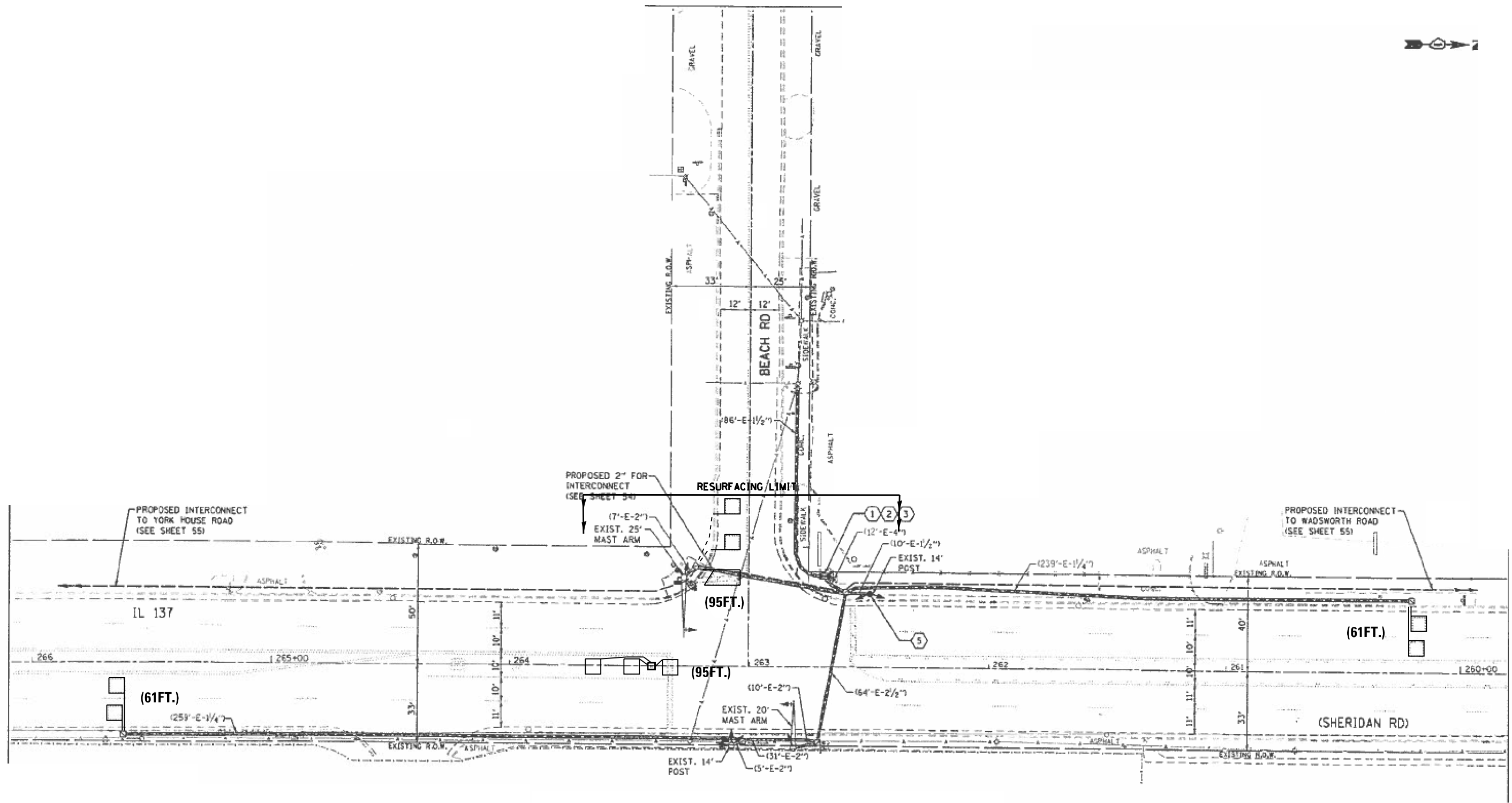
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

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	526	FOOT	TS#7200

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL ROUTE 137 (SHERIDAN RD.) AT E. YORKHOUSE RD.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\3 TS*7200 IL137 @ E. York	DRAWN Rd.dgn Gonzalo Meza	REVISED -			352	2020-078-RS&SW	LAKE			
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -			CONTRACT NO. 62L56					
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -			ILLINOIS FED. AID PROJECT					



**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.

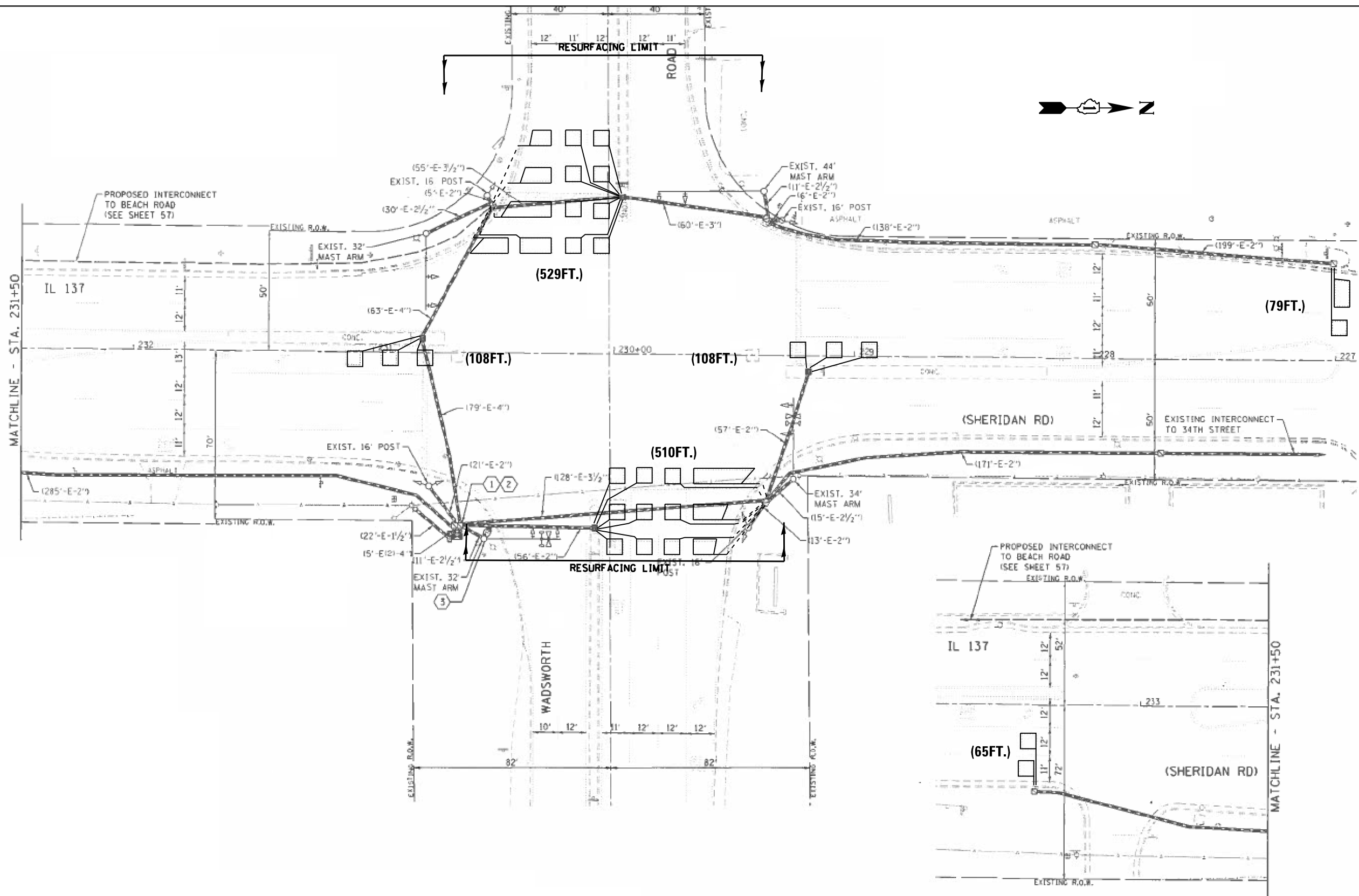
CODE	ITEM	QUANTITY	UNIT	
88600600	DETECTOR LOOP REPLACEMENT	312	FOOT	TS#7190

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\4 TS*7100 IL137 @ Beach	DRAWN - Gonzalo Meza	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL ROUTE 137 (SHERIDAN RD.) AT BEACH RD.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE		
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



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

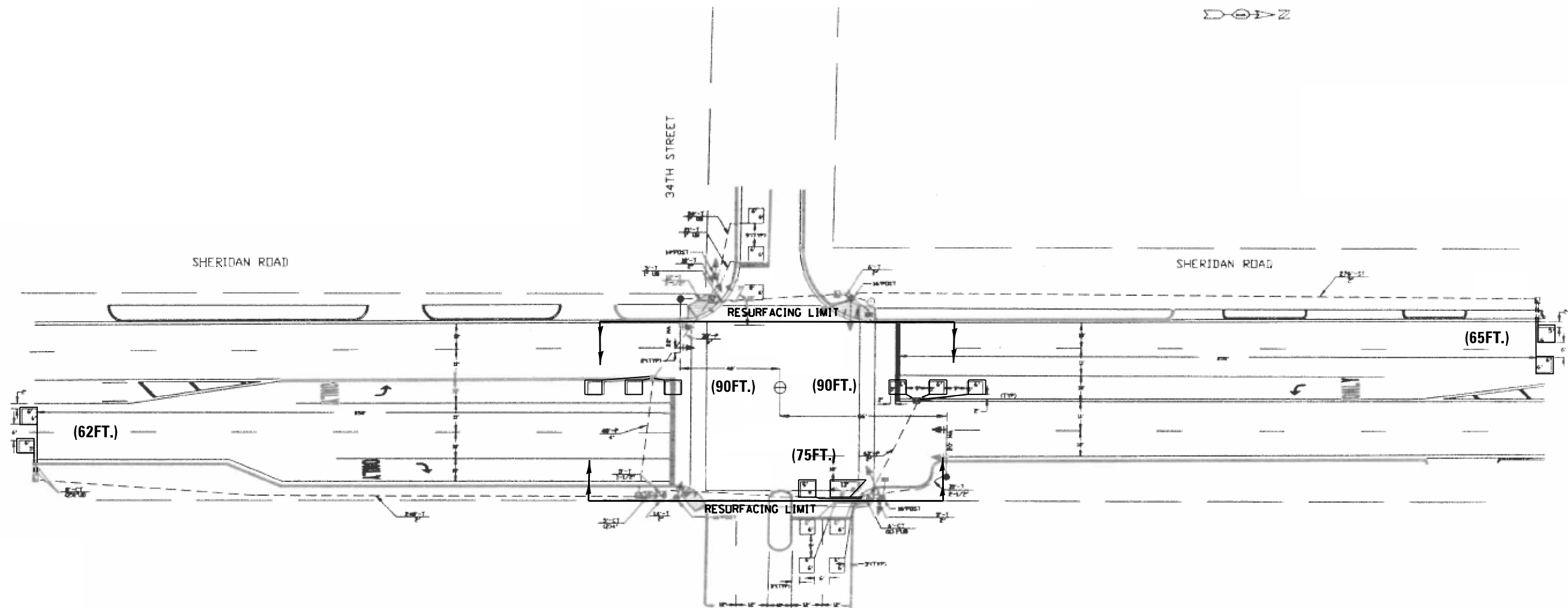
NOTES:

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	1399	FOOT

**EAGLE 7N
TS#7195**

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL ROUTE 137 (SHERIDAN RD.) AT WADSWORTH RD.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\5 TS*7195 IL137 @ Wads	DRAWN.dgn - Gonzalo Meza	REVISED -			352	2020-078-RS&SW	LAKE			
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -			CONTRACT NO. 62L56					
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -			ILLINOIS FED. AID PROJECT					



NOTES:

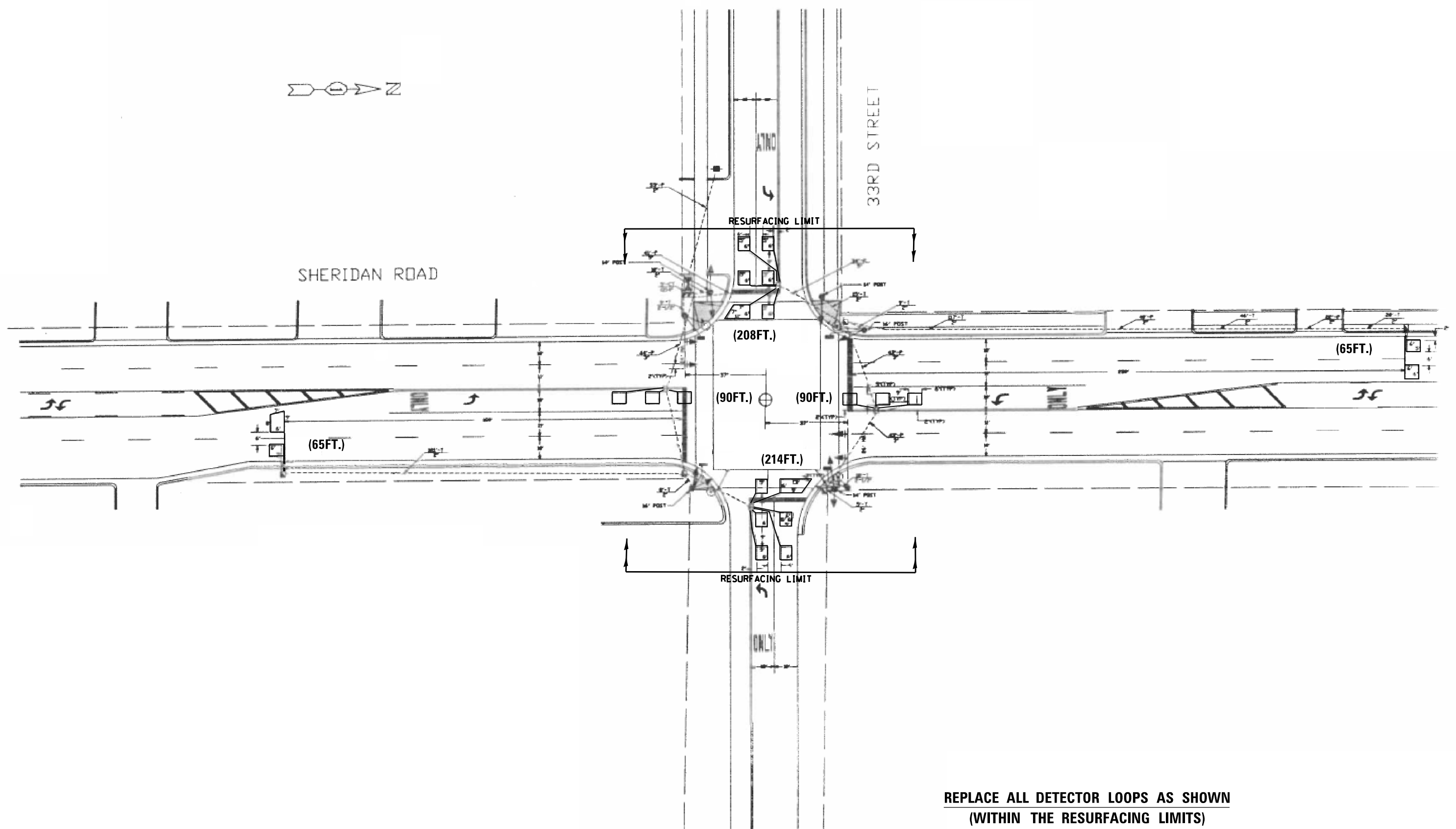
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	382	FOOT

**EAGLE 7N
TS#20908**

FILE NAME = P:\Detector Loops\2019-20\New 62L56 (IL	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL ROUTE 137 (SHERIDAN RD.) AT 34th STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	Route 137-Lake\CADD\6 TS*20908 IL137 @ 34th	DRAWN - Gonzalo Meza	REVISED -			352	2020-078-RS&SW	LAKE	CONTRACT NO. 62L56	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -							



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

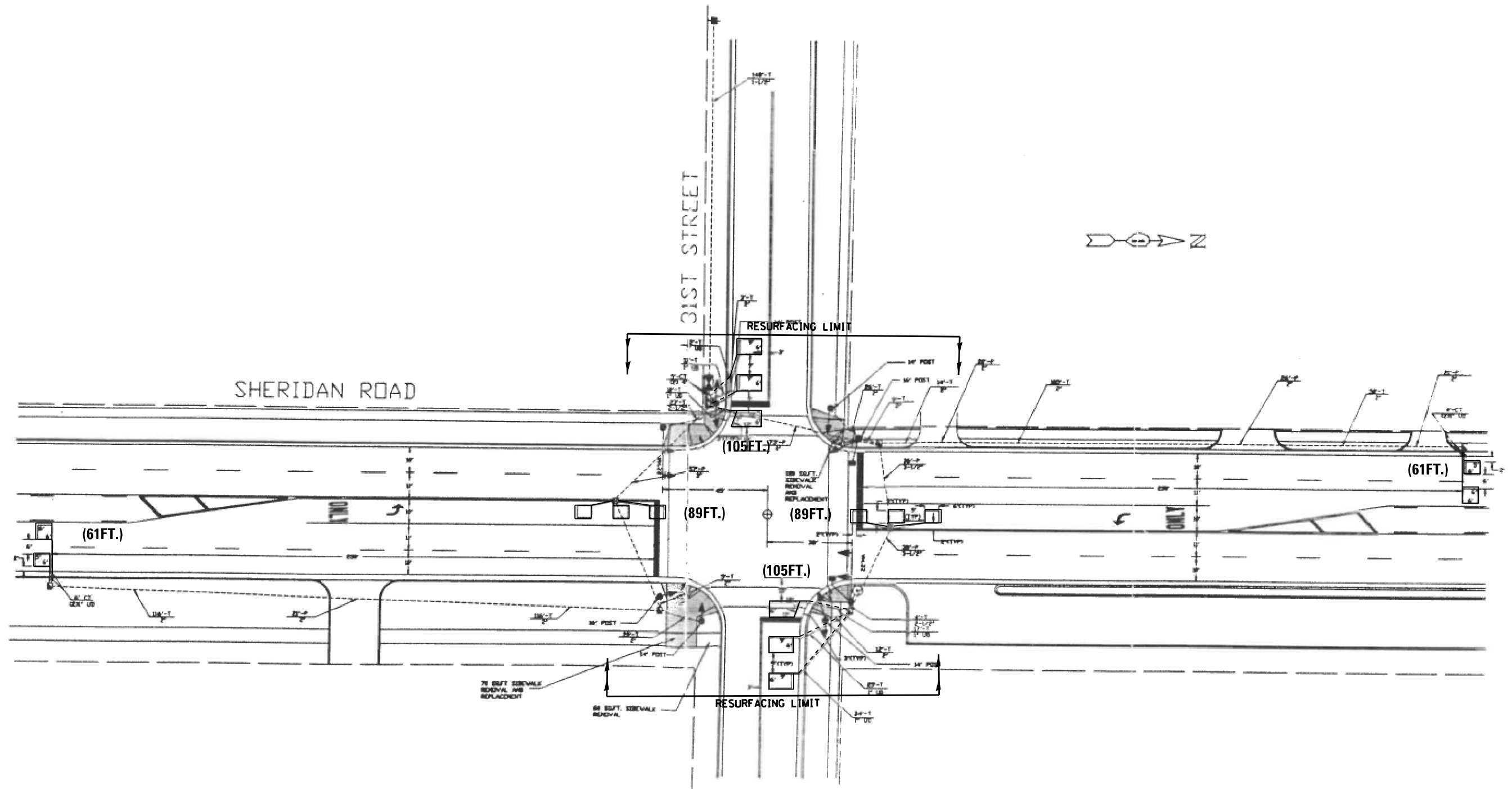
NOTES:

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	732	FOOT

**EAGLE 7N
TS#20907**

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL ROUTE 137 (SHERIDAN RD.) AT 33rd STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\7 TS*20907 IL137 @ 33rd	DRAWN - Gonzalo Meza	REVISED -			352	2020-078-RS&SW	LAKE			
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -			CONTRACT NO. 62L56					
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -			ILLINOIS FED. AID PROJECT					



NOTES:

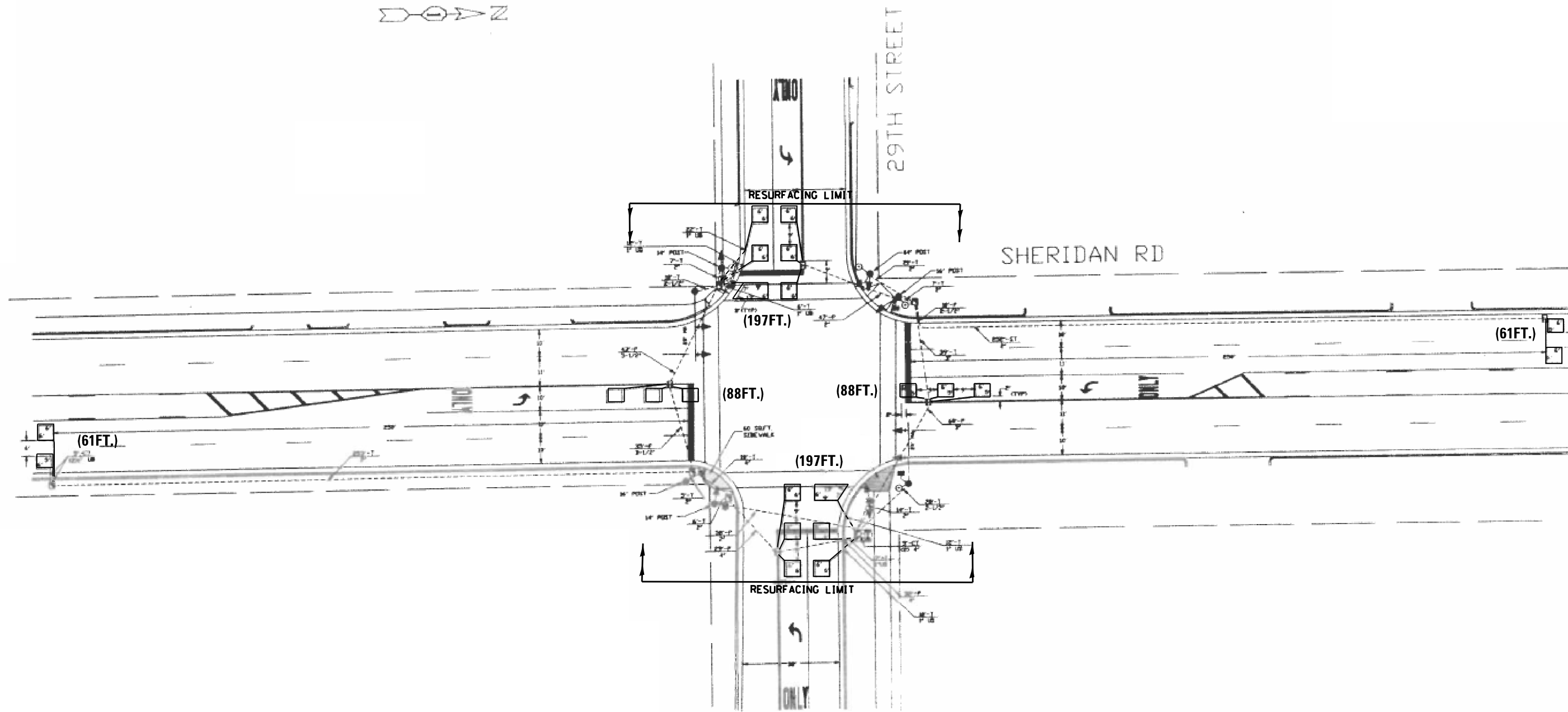
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	510	FOOT

**EAGLE 7N
TS#20906**

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL ROUTE 137 (SHERIDAN RD.) AT 31st STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\8 TS*20906 IL137 @ 31st	DRAWN - Gonzalo Meza	REVISED -			352	2020-078-RS&SW	LAKE			
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -			CONTRACT NO. 62L56					
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -			ILLINOIS FED. AID PROJECT					



**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	692	FOOT

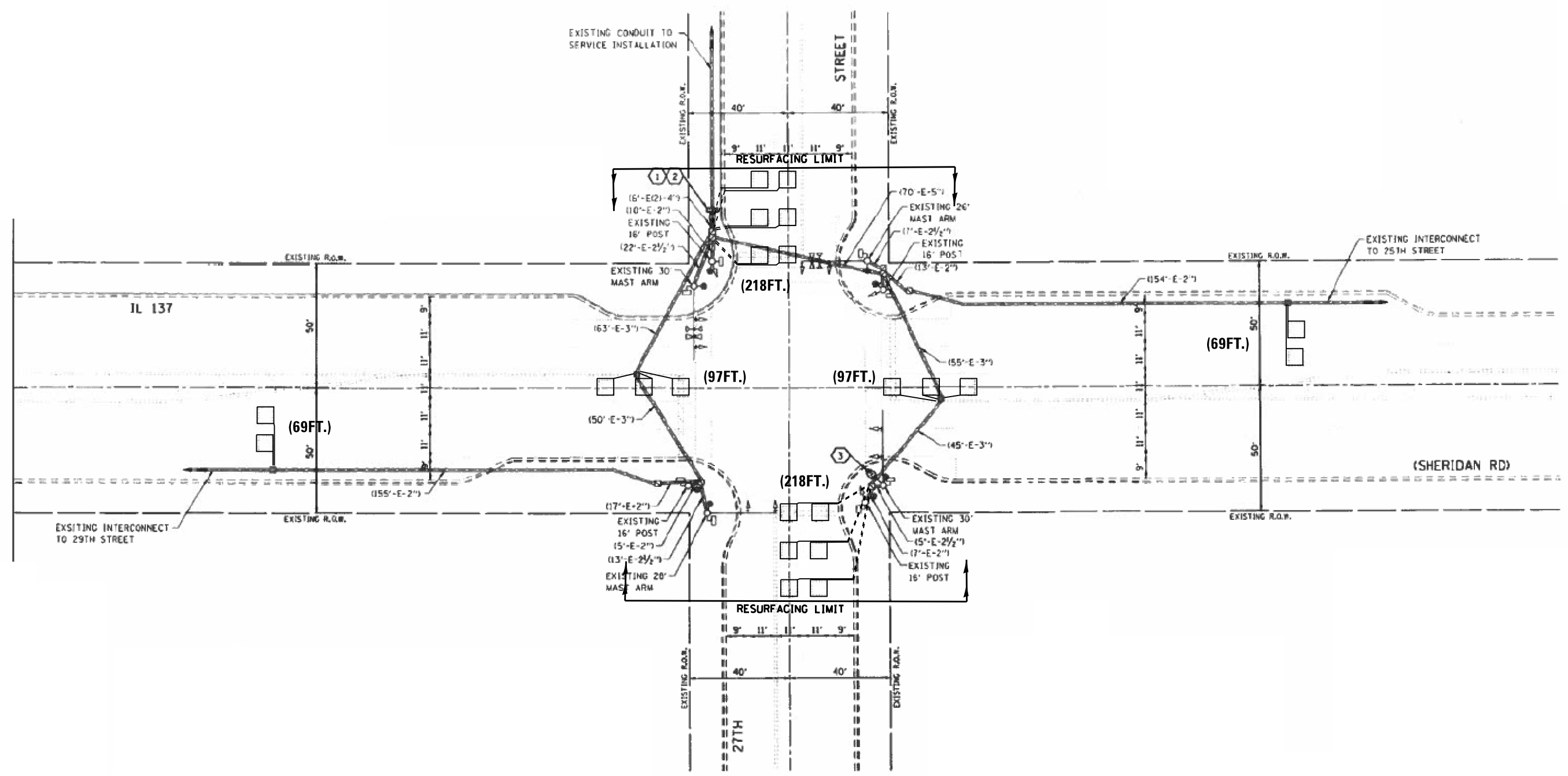
**EAGLE 7N
TS#20904**

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\9 TS*20904 IL137 @ 29	DRAWN - Gonzalo Meza	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL ROUTE 137 (SHERIDAN RD.) AT 29th. STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE		
				CONTRACT NO. 62L56
ILLINOIS FED. AID PROJECT				



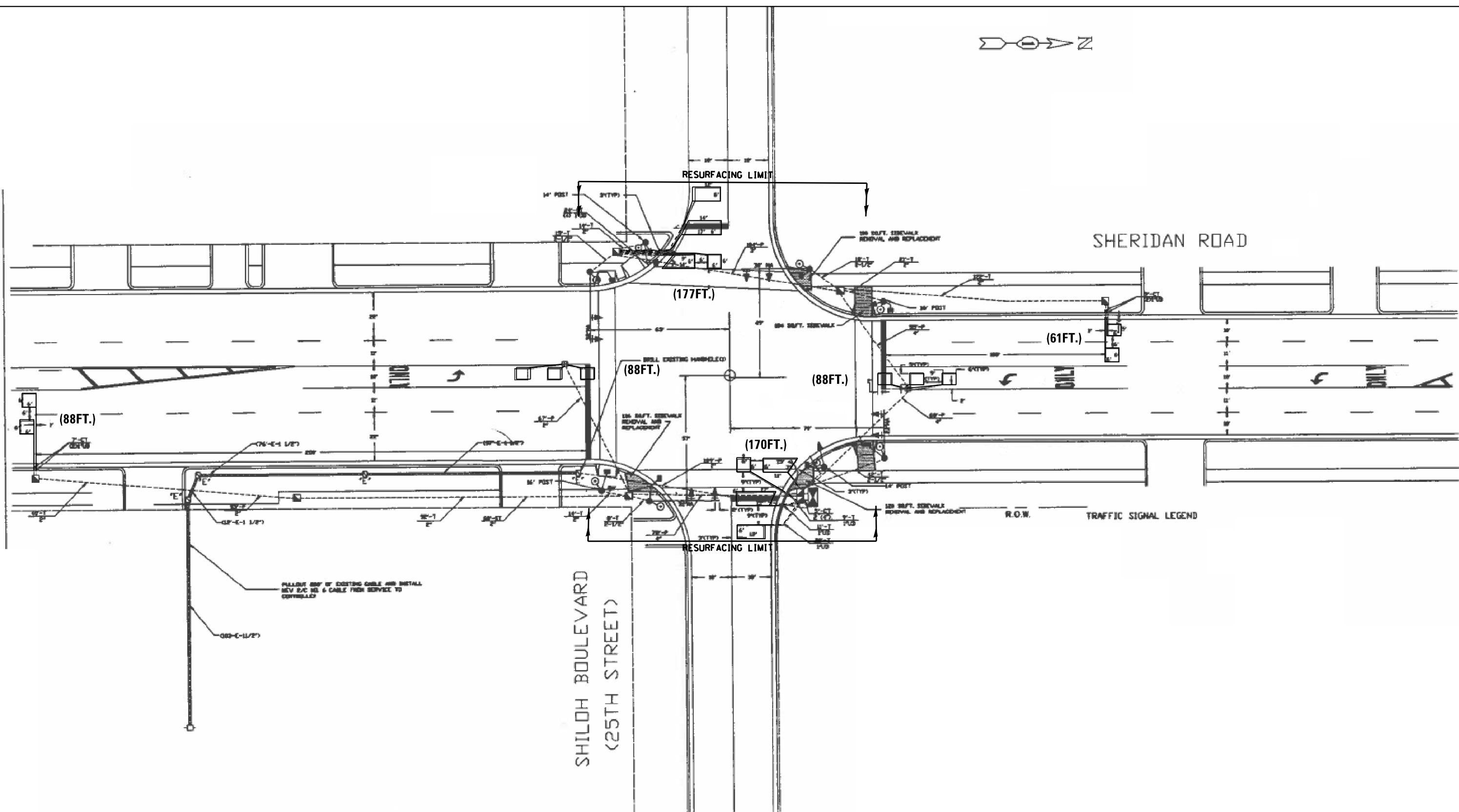
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

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	EAGLE 7N TS#20903
88600600	DETECTOR LOOP REPLACEMENT	768	FOOT	

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL ROUTE 137 (SHERIDAN RD.) AT 27th STREET	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\10 TS#20903 IL137 @ 27	DRAWN - Gonzalo Meza	REVISED -			352	2020-078-RS&SW	LAKE			
Default	PLOT SCALE = 48.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -			CONTRACT NO. 62L56					
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -			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	672	FOOT

**EAGLE 7N
TS#20905**

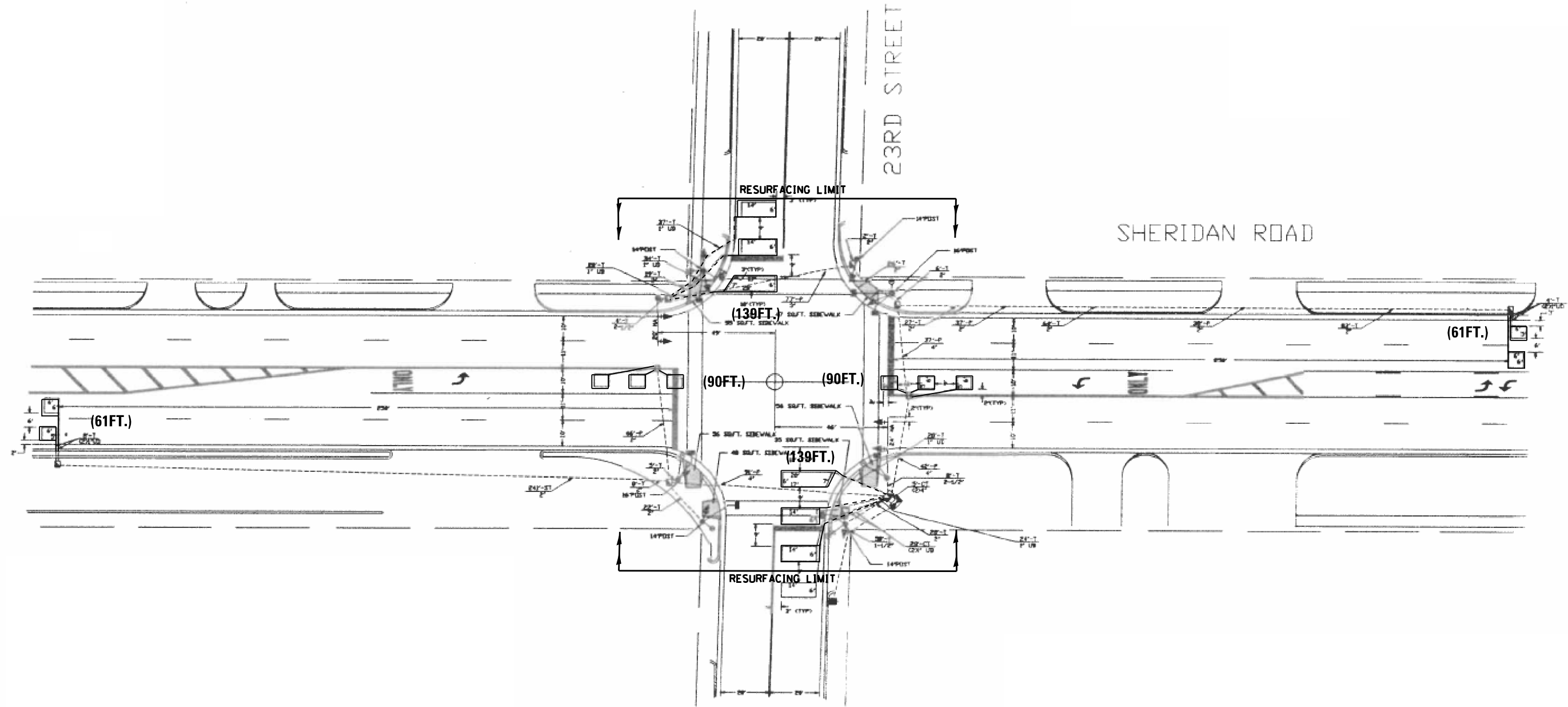
FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\11 TS*20905 IL137 @ Sh	DRAWN - Gonzalo Meza	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL ROUTE 137 (SHERIDAN RD.) AT SHILOH BLVD.**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE		
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



**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	580	FOOT

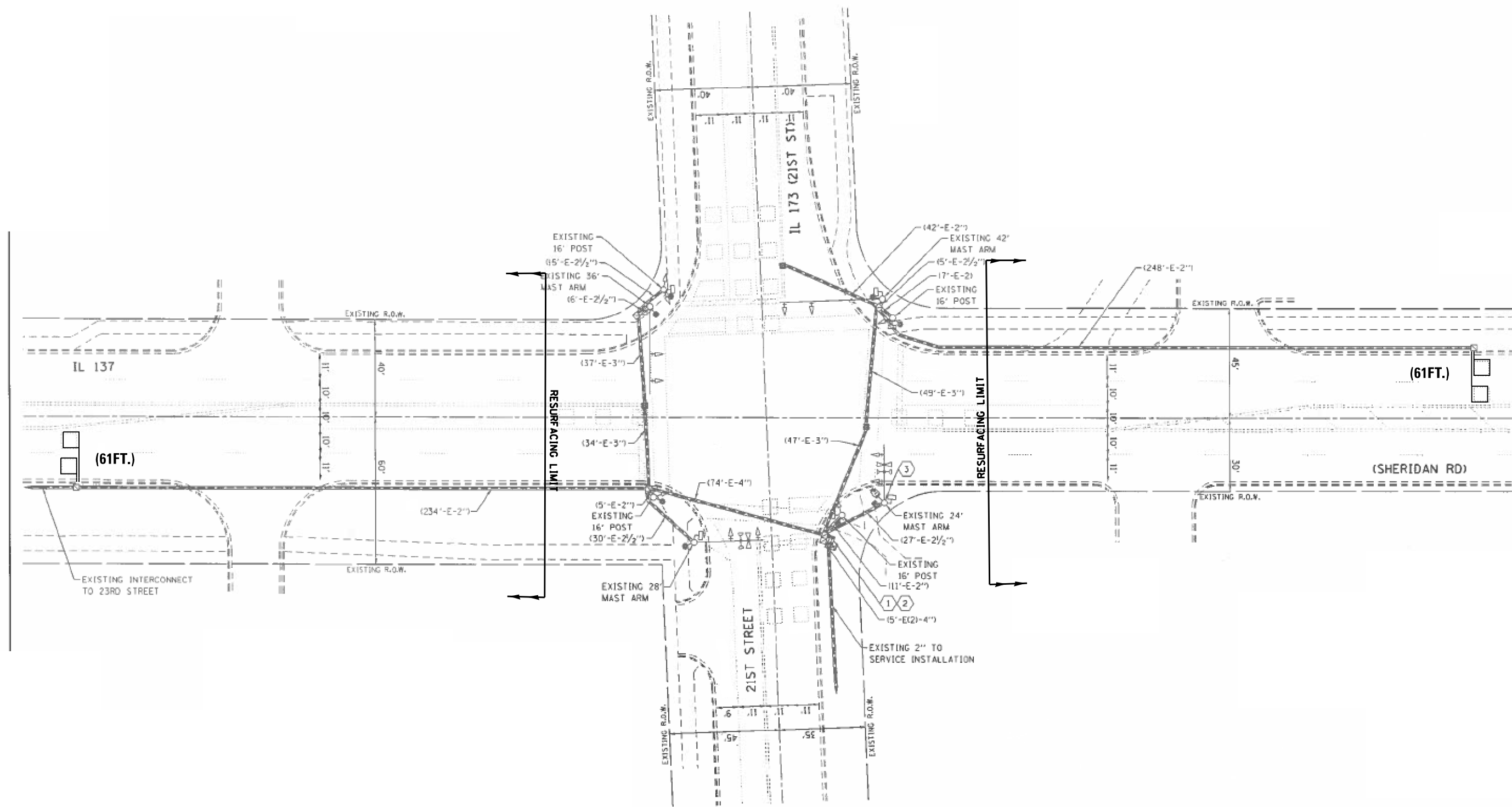
**EAGLE 7N
TS#20902**

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\12 TS*20902 IL137 @ 23	DRAWN - Gonzalo Meza	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL ROUTE 137 (SHERIDAN RD.) AT 23rd. STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE		
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				



**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	122	FOOT

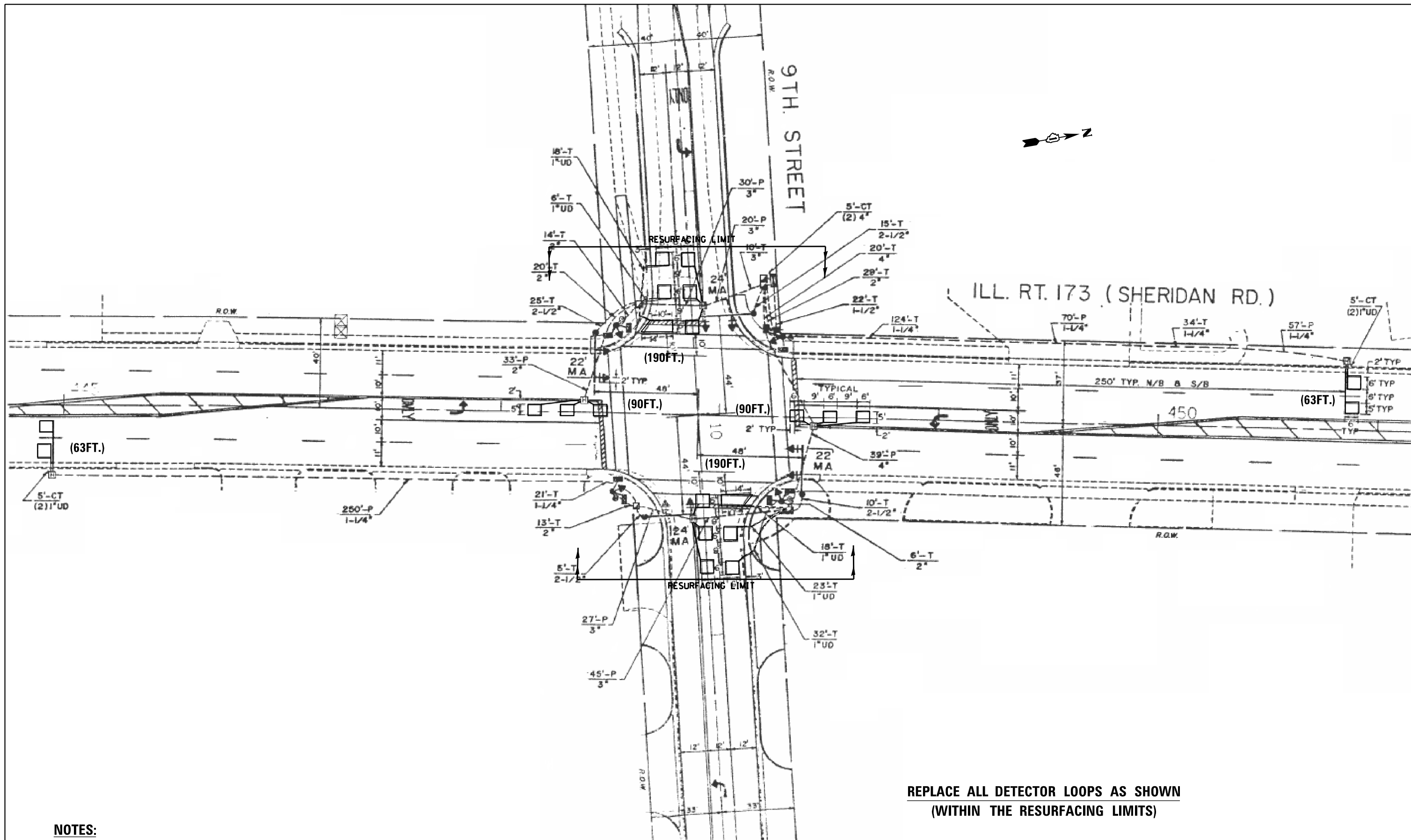
**EAGLE 7N
TS#20901**

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\13 TS*20901 IL137 @ 21s	DRAWN - Gonzalo Meza	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -
	PLOT DATE = 12/9/2020	DATE - 01/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL ROUTE 137 (SHERIDAN RD.) AT 21st STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE		
CONTRACT NO. 62L56				
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	686	FOOT

TS#8795

FILE NAME =	USER NAME = mezag	DESIGN - Steven M. Nguyen	REVISED -
P:\Detector Loops\2019-20\New 62L56 (IL	Route 137-Lake\CADD\TS#8795 IL137 @ 9th St	DRAWN - Gonzalo Meza	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - Steven M. Nguyen	REVISED -
	PLOT DATE = 12/7/2020	DATE - 01/25/2020	REVISED -

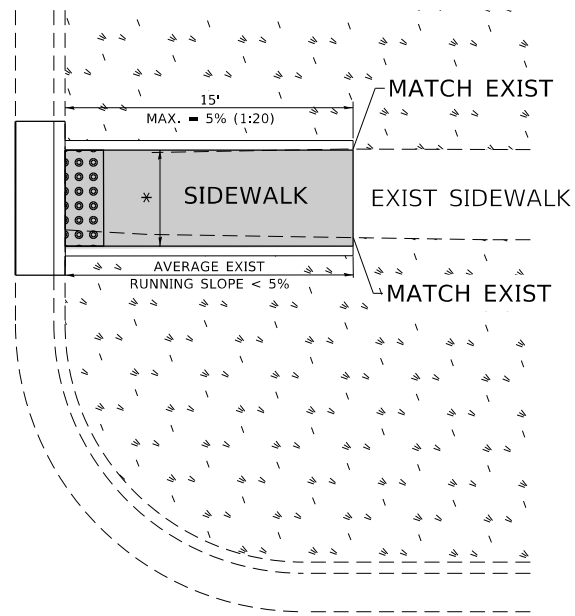
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL ROUTE 137 (SHERIDAN RD.) AT 9th. STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

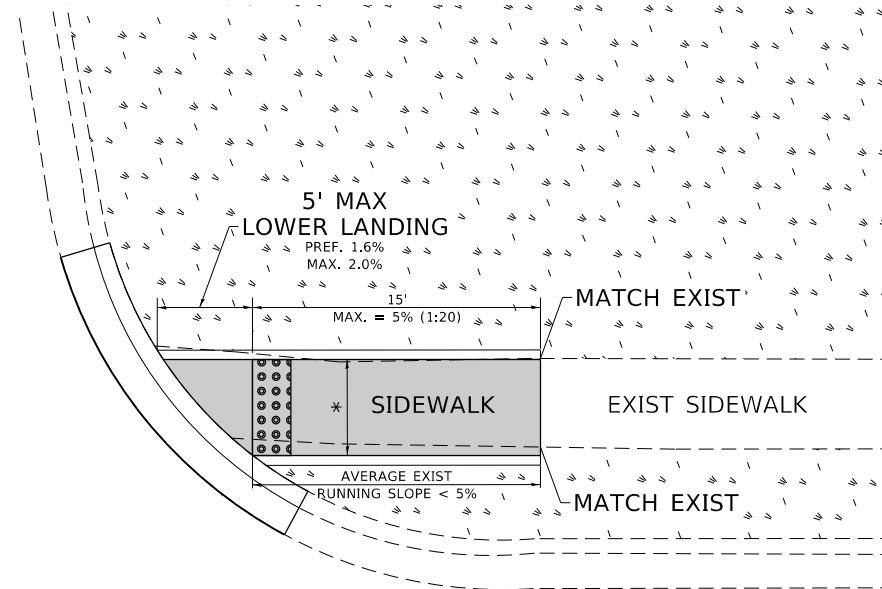
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE		
CONTRACT NO. 62L56				
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

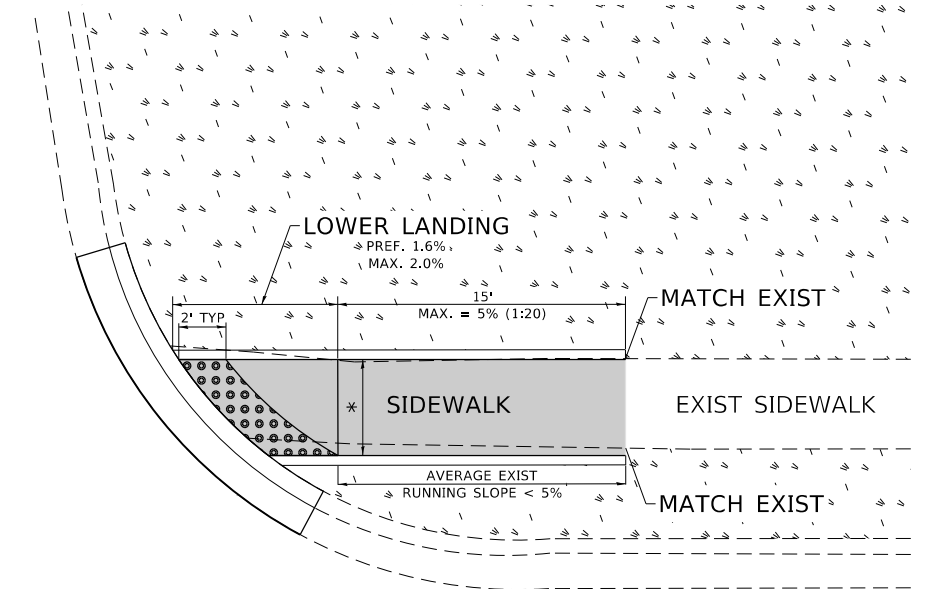
PD-01A



PD-01B



PD-01C



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

MODEL: Default
FILE: h:\mhc\p\pub\baronm.d\illinois.gov\RW\DOT\Documents\DOT_Offices\Dir\ctc_1\Project\ID14720\Cadd\Drawings\Design\DES01.dgn

USER NAME = abebawa	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

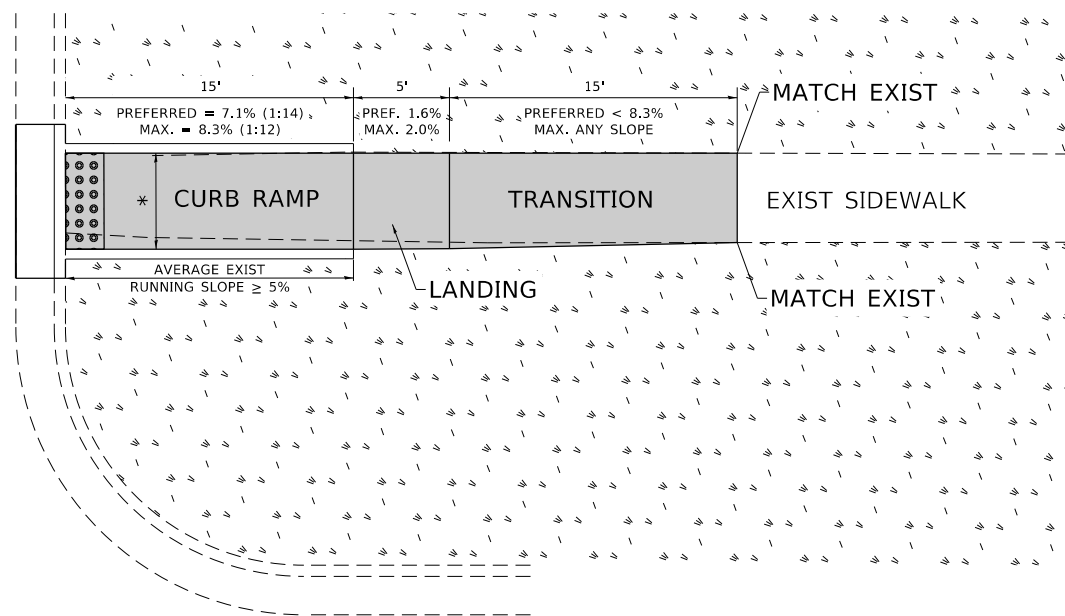
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

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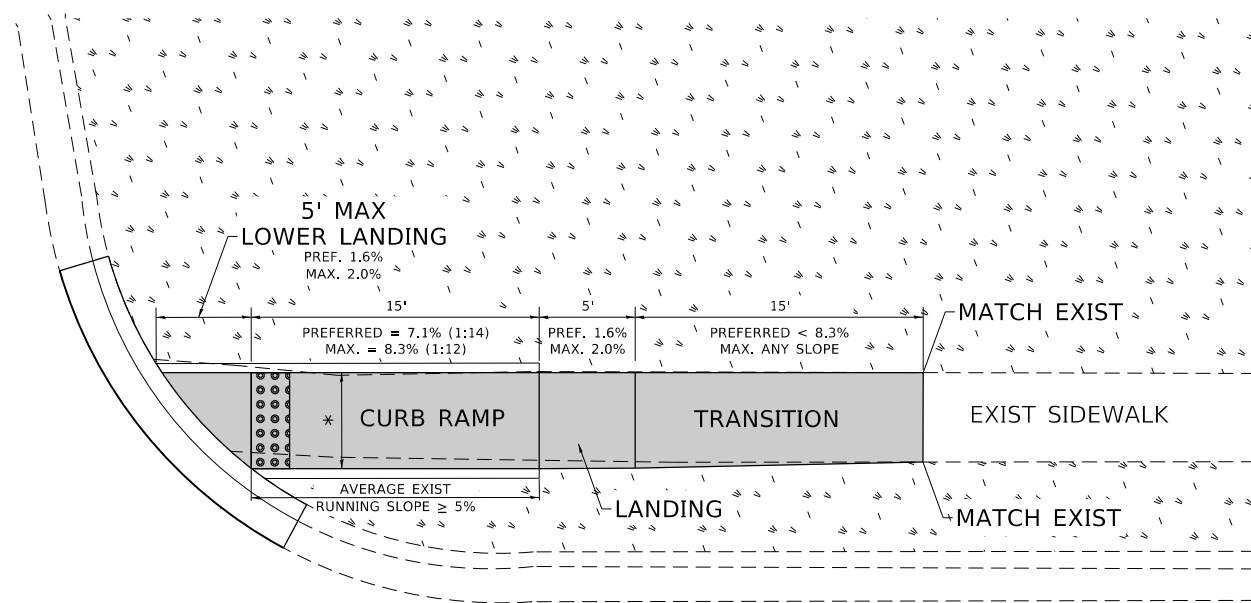
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352	2020-078-R5&5W	LAKE	80	63
PD-01		CONTRACT NO. 60L56		
		ILLINOIS FED. AID PROJECT		

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

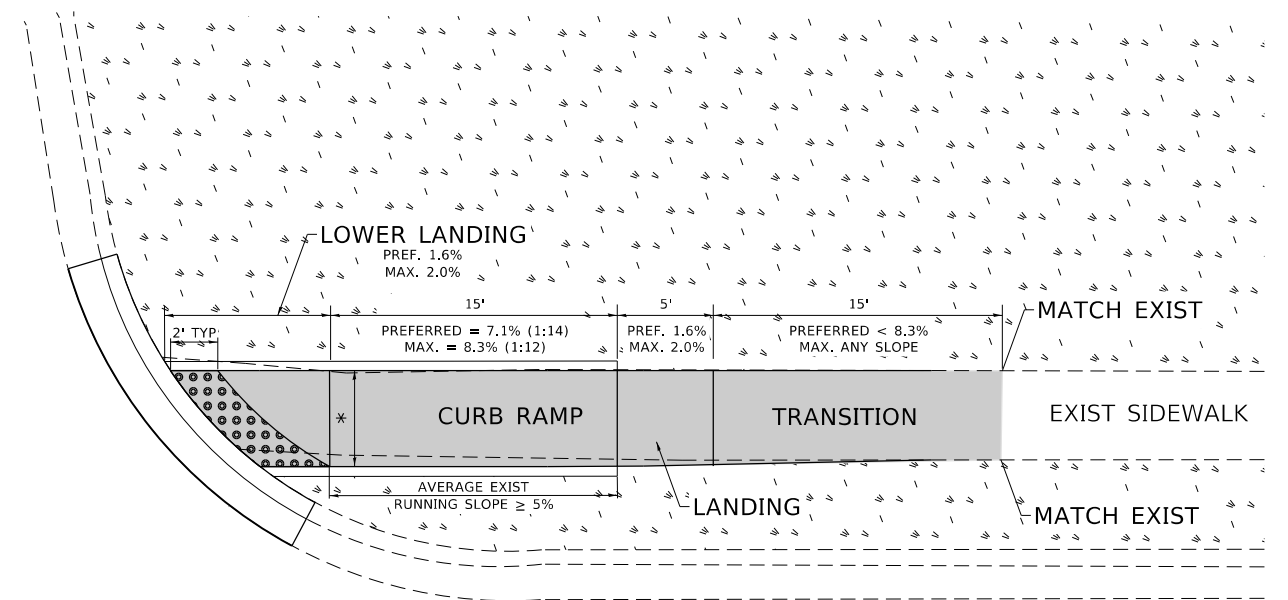
PD-02A



PD-02B



PD-02C



LEGEND

- EXIST. GRASS
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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USER NAME = abebawa	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - R. LEDEZMA	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

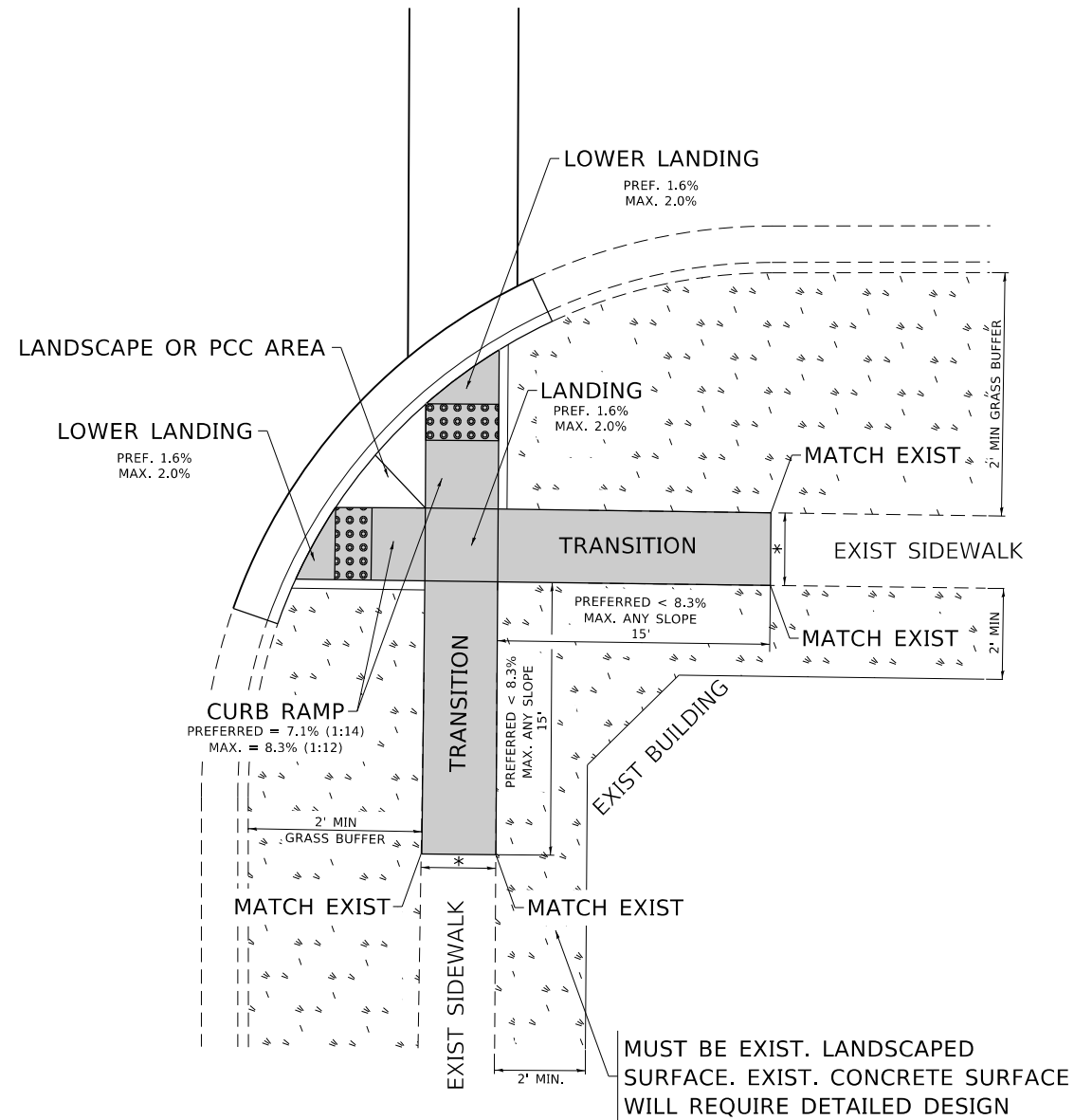
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)**

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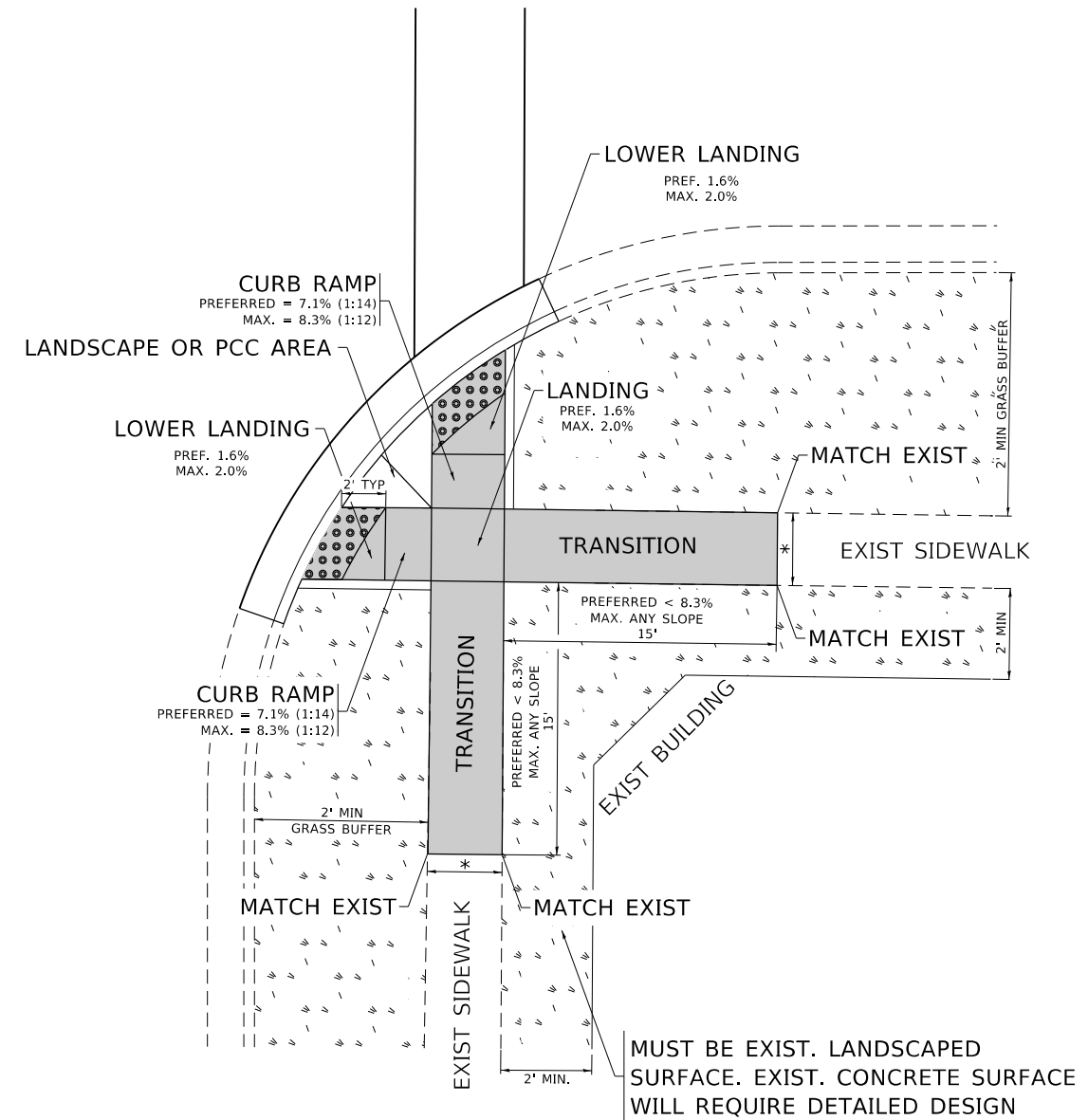
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352	2020-078-R5&SW	LAKE	80	64
PD-02		CONTRACT NO. 60L56		
		ILLINOIS	FED. AID PROJECT	

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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USER NAME = abebawa	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/10/2020	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

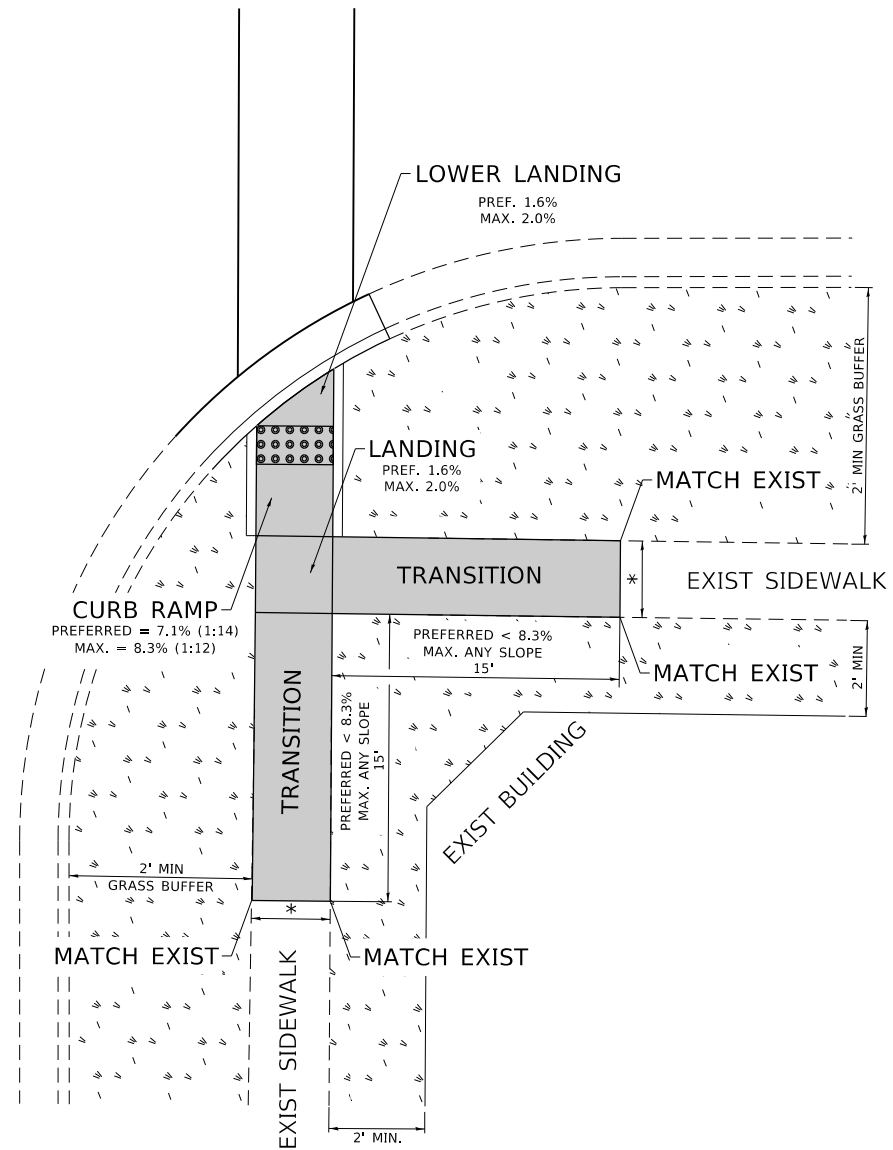
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS
(PD-03)**

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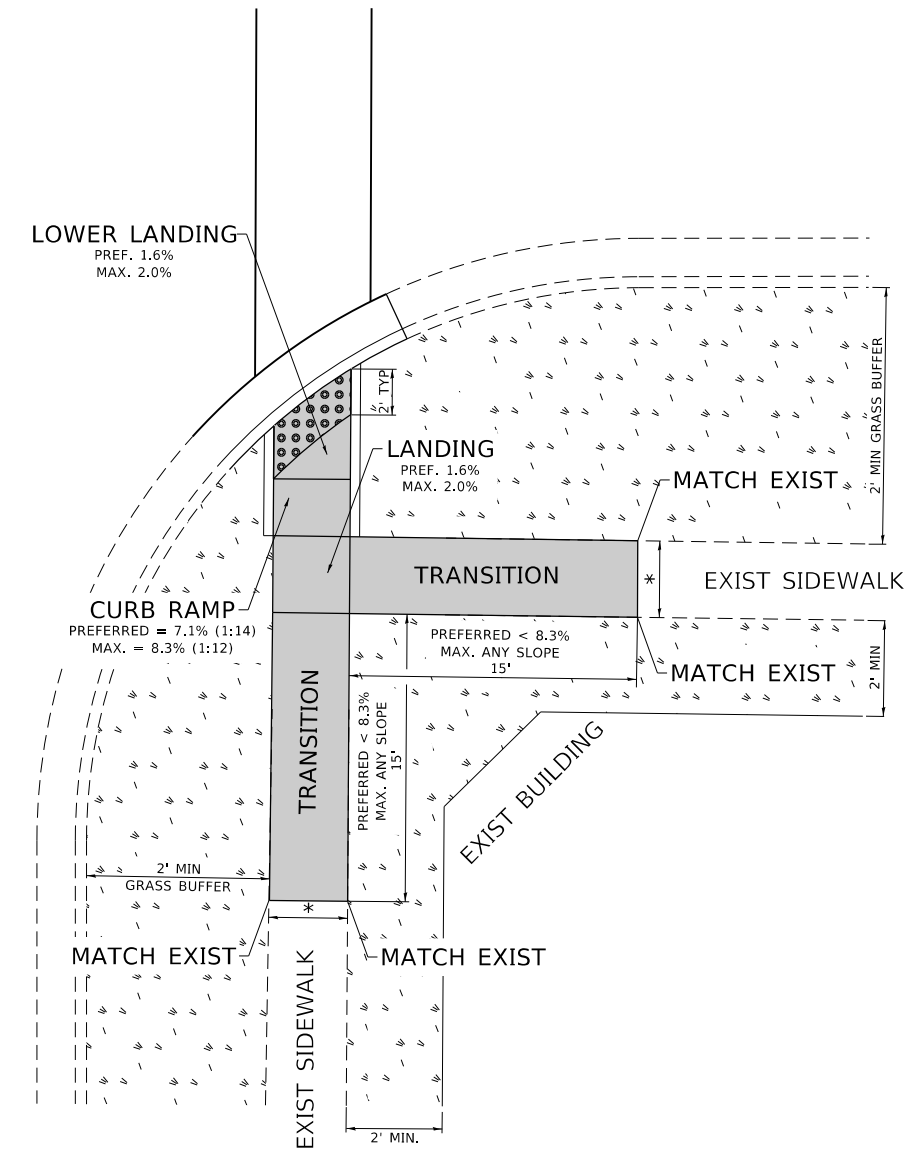
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&SW	LAKE	80	65
PD-03		CONTRACT NO. 60L56		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

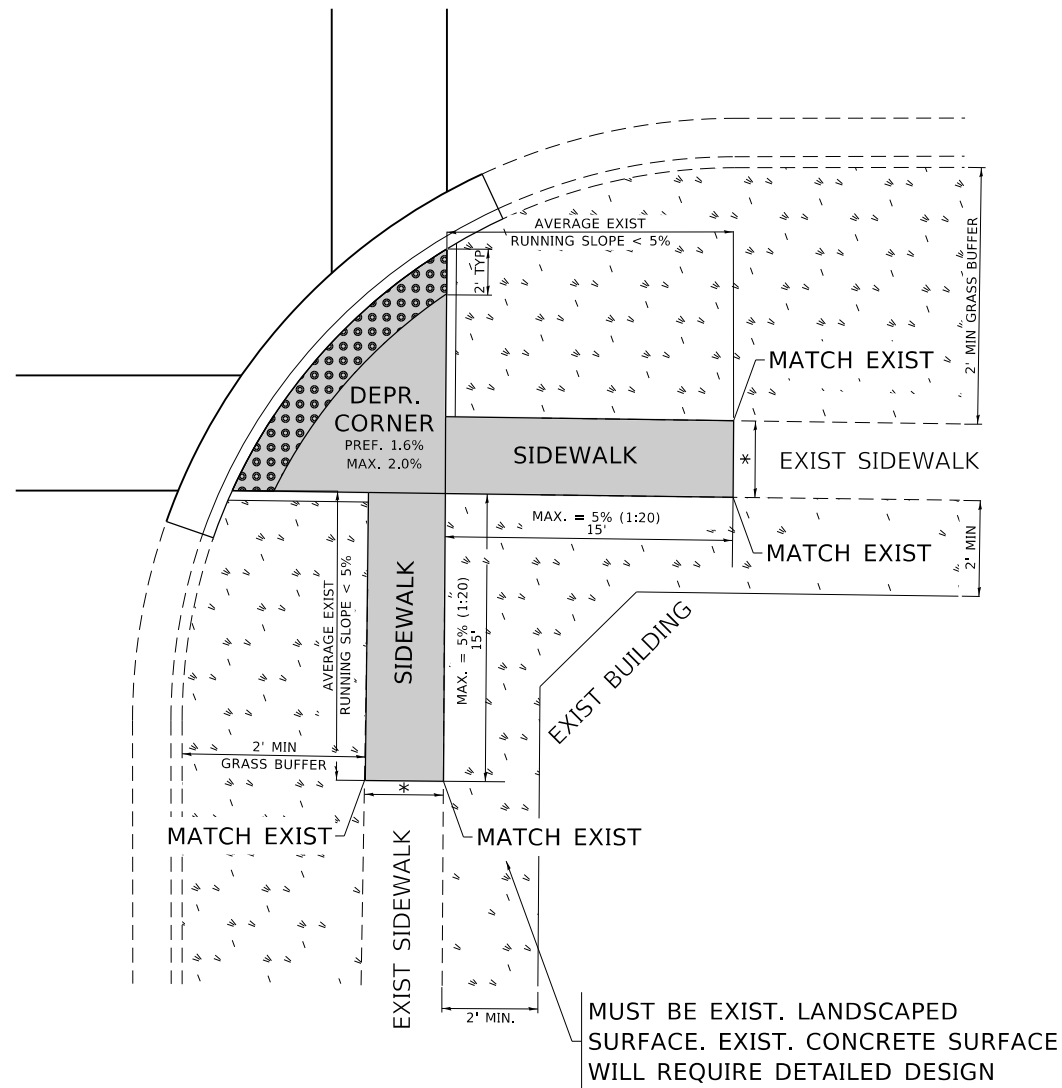
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH
TURNING SPACE (PD-04)**

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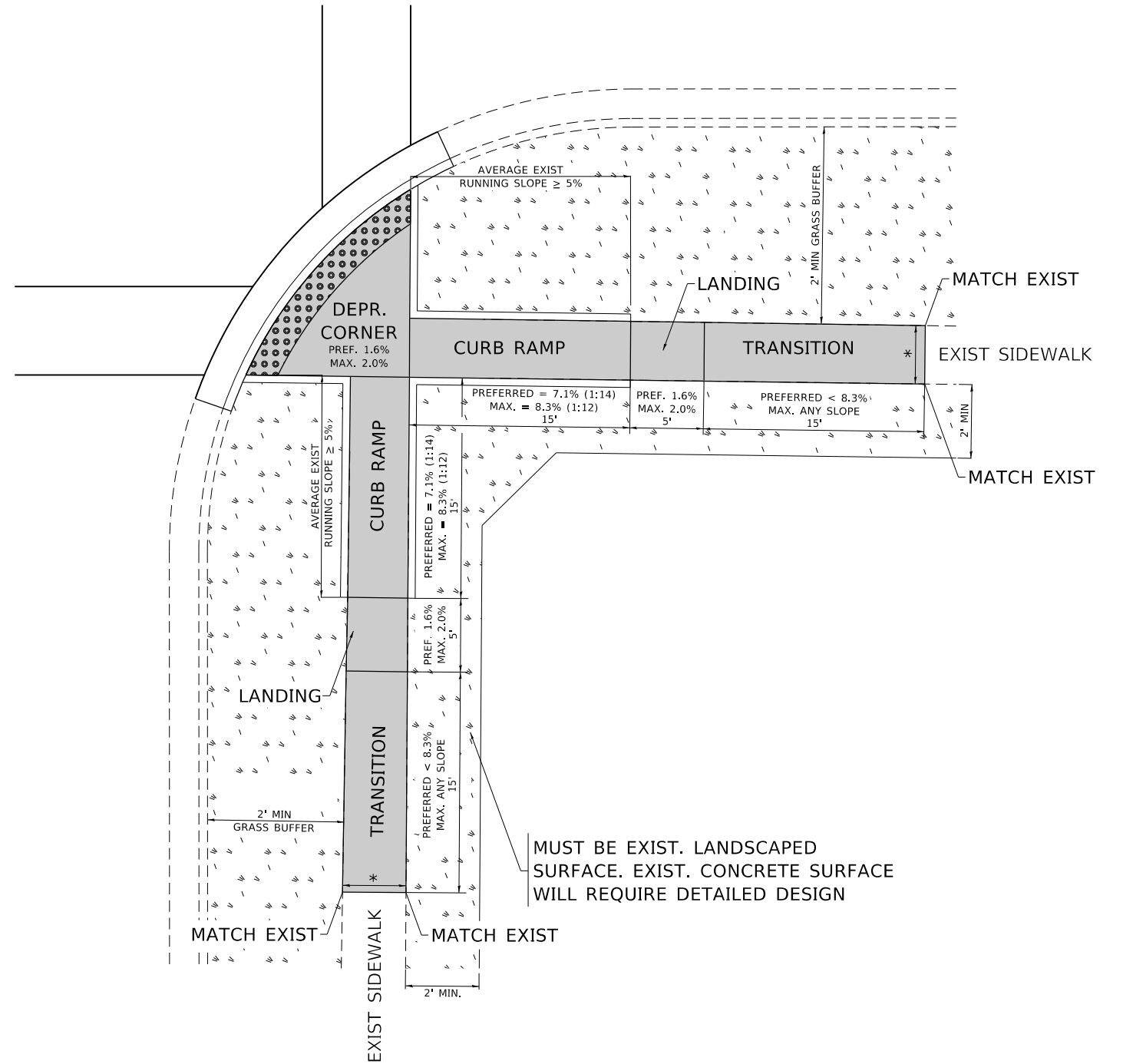
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352	2020-078-R5&SW	LAKE	80	66
PD-04		CONTRACT NO. 60L56		
		ILLINOIS FED. AID PROJECT		

ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-05A



PD-05B



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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

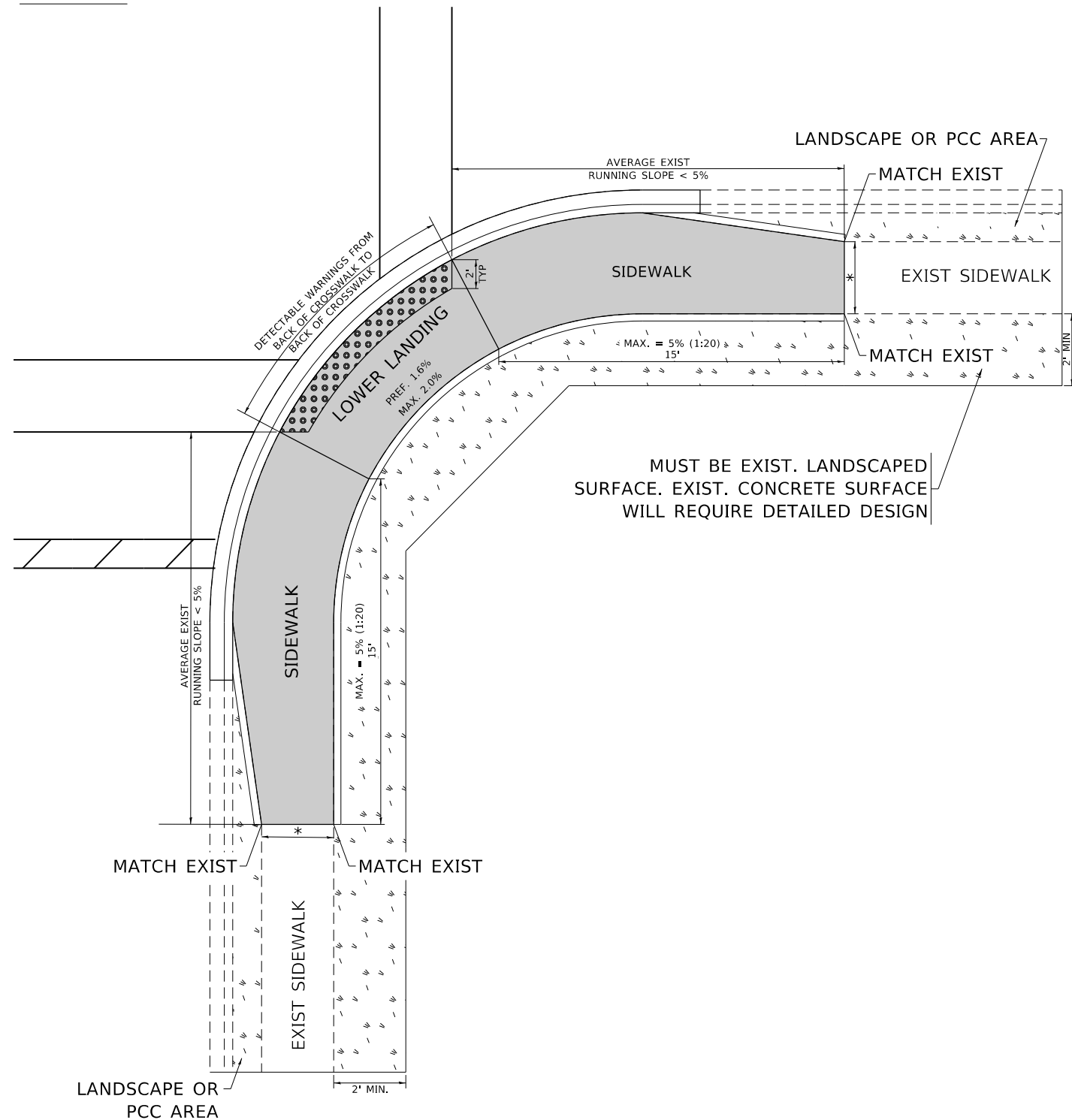
**PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS
(PD-05)**

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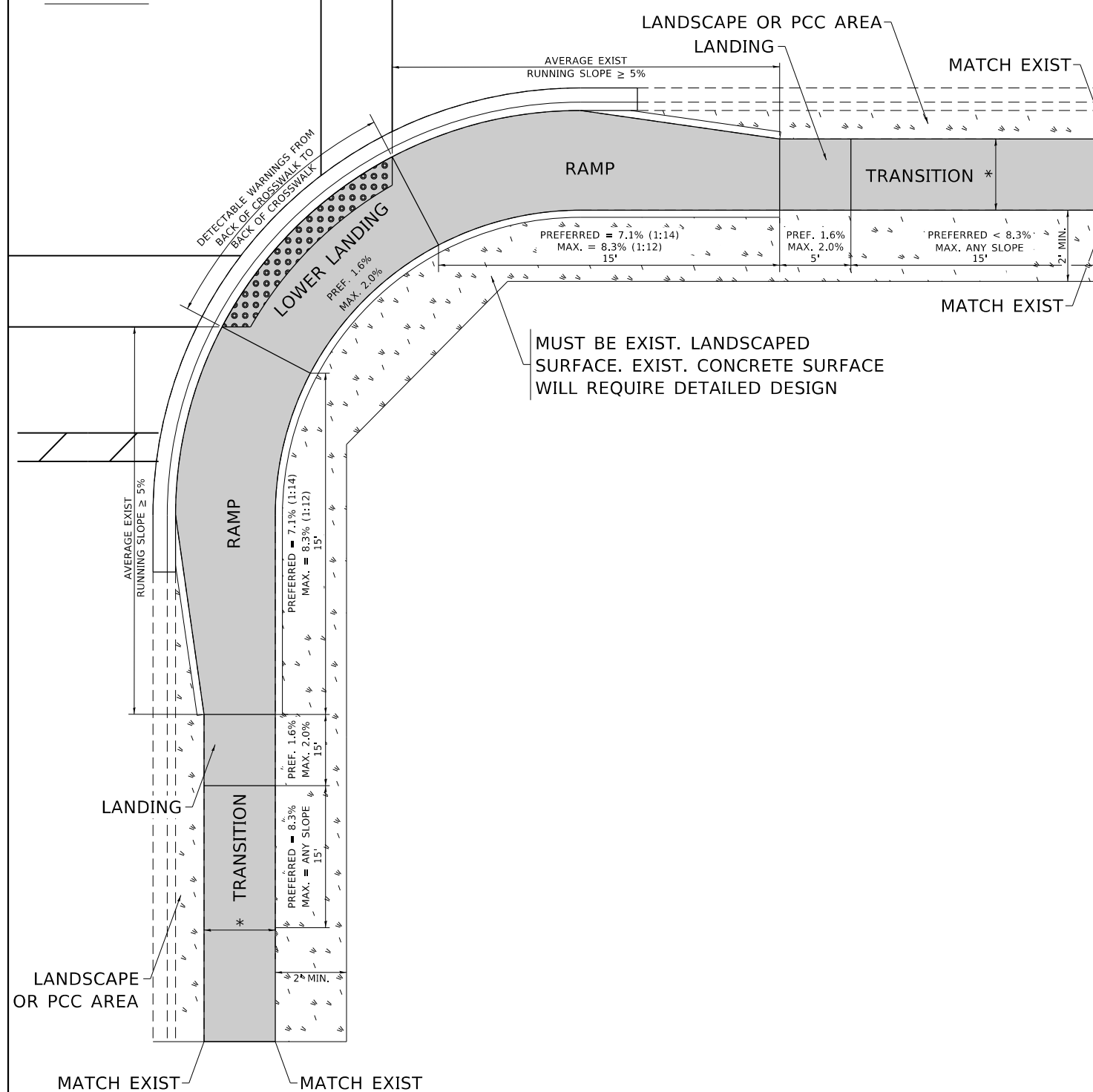
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&SW	LAKE	80	67
PD-05		CONTRACT NO. 60L56		
ILLINOIS		FED. AID PROJECT		

ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

PD-06A



PD-06B



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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 DATE: 12/10/2020

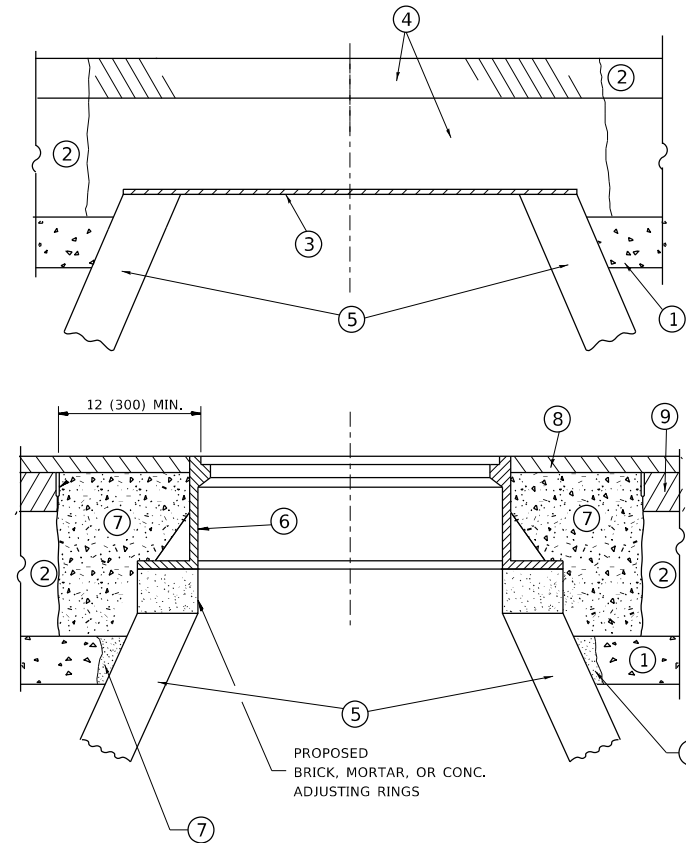
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PLOT DATE = 12/10/2020	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR PARALLEL CURB RAMPS
(PD-06)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&5W	LAKE	80	68
PD-06		CONTRACT NO. 60L56		
		ILLINOIS FED. AID PROJECT		



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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

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

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

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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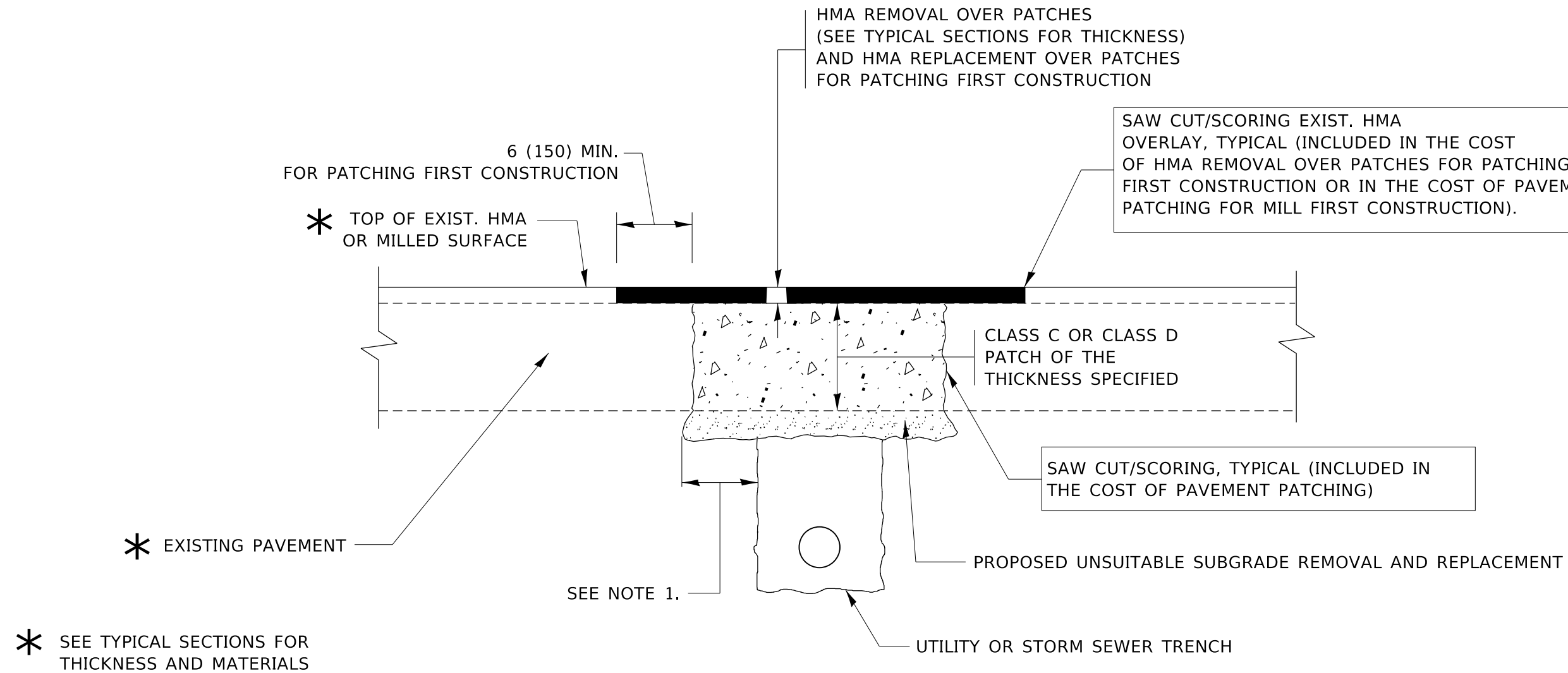
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	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11
PLOT DATE = 12/10/2020	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&SW	LAKE	80	69
BD600-03 (BD-8)		CONTRACT NO. 60L56		
ILLINOIS FED. AID PROJECT				



NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

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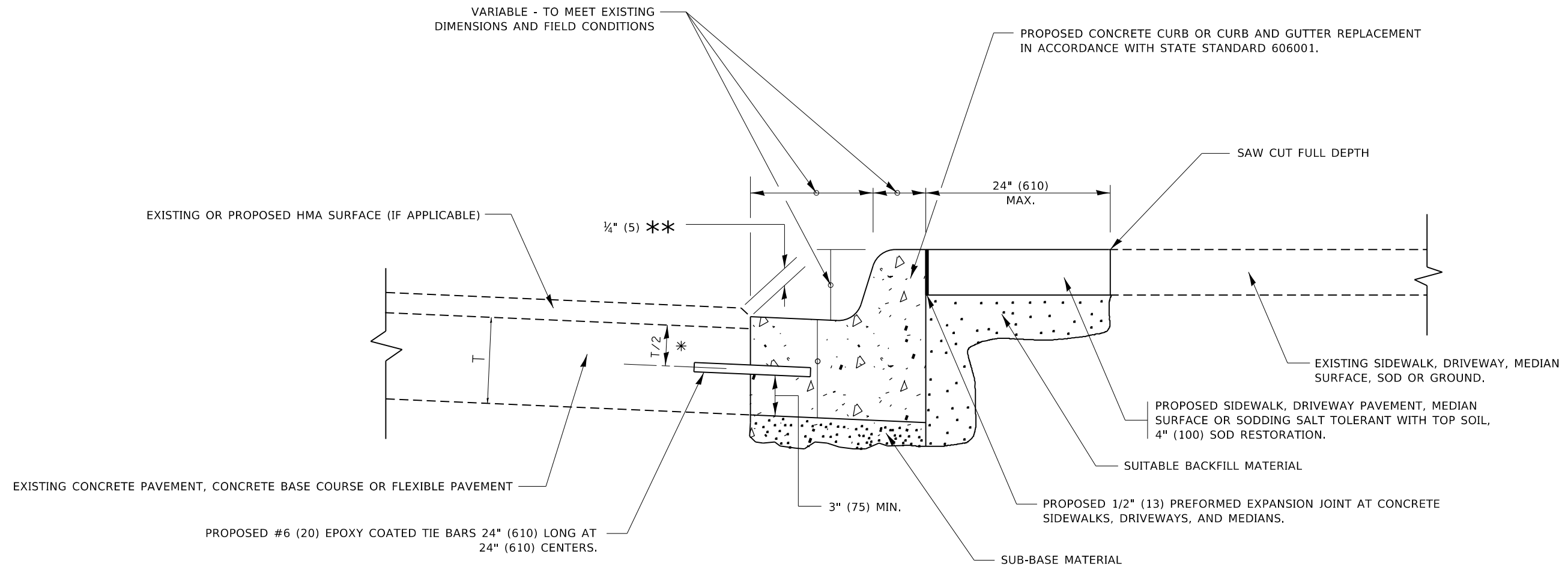
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	DRAWN -	REVISED - R. BORO 01-01-07
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PLOT DATE = 12/10/2020	DATE - 10-25-94	REVISED - K. ENG 10-27-08

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.
352	2020-078-R565W	LAKE	80	70
BD400-04 (BD-22)			CONTRACT NO. 60L56	
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.

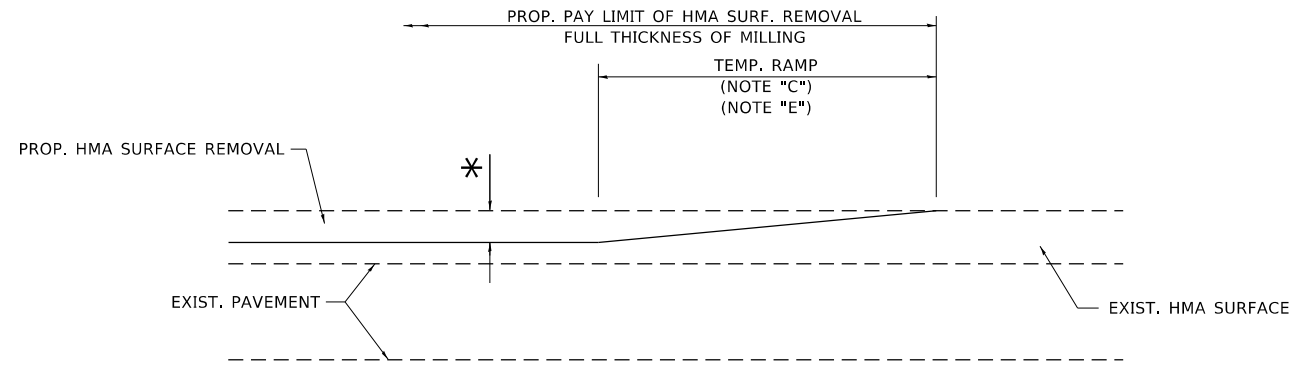
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
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PLOT DATE = 12/10/2020	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

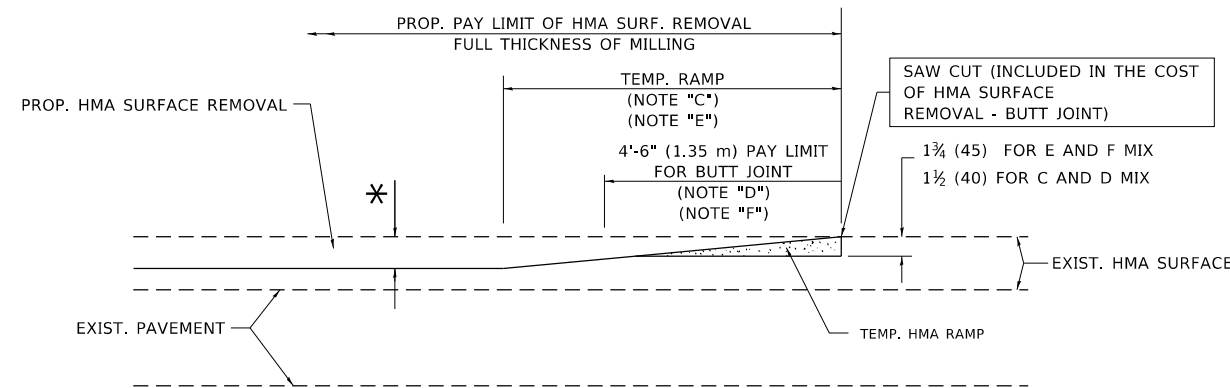
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352	2020-078-R565W	LAKE	80	71
BD600-06 (BD-24)		CONTRACT NO. 60L56		
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

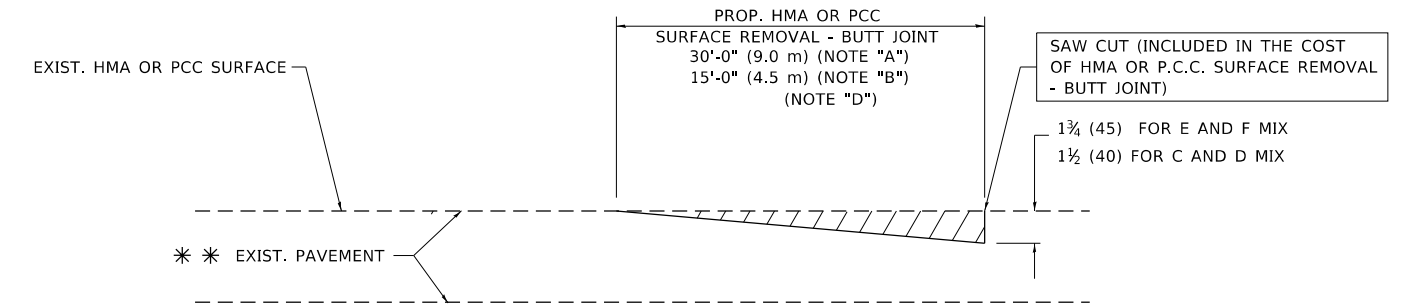


HMA CONSTRUCTED TEMPORARY RAMP

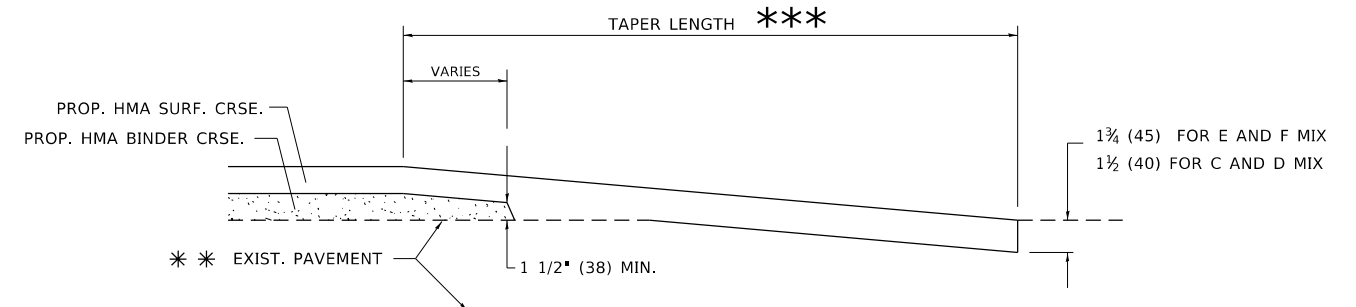
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

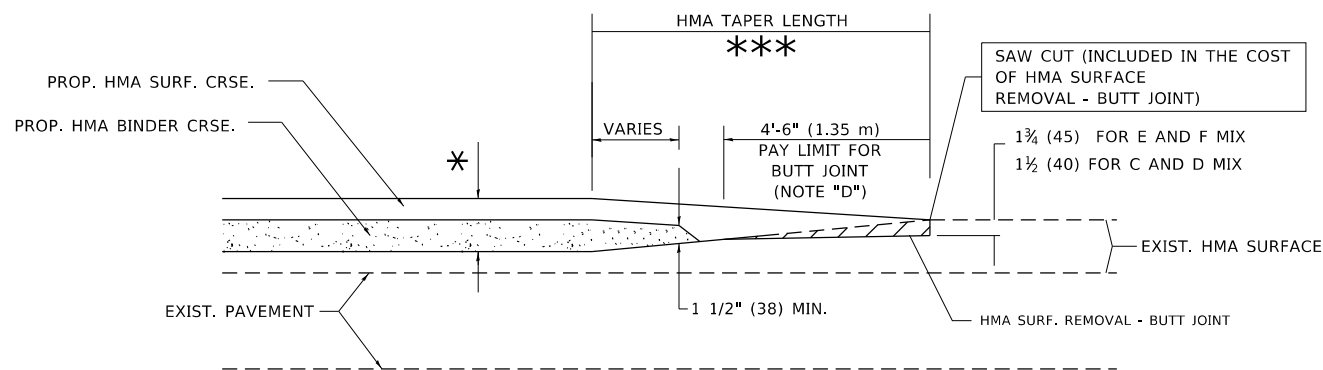
NOTES

- 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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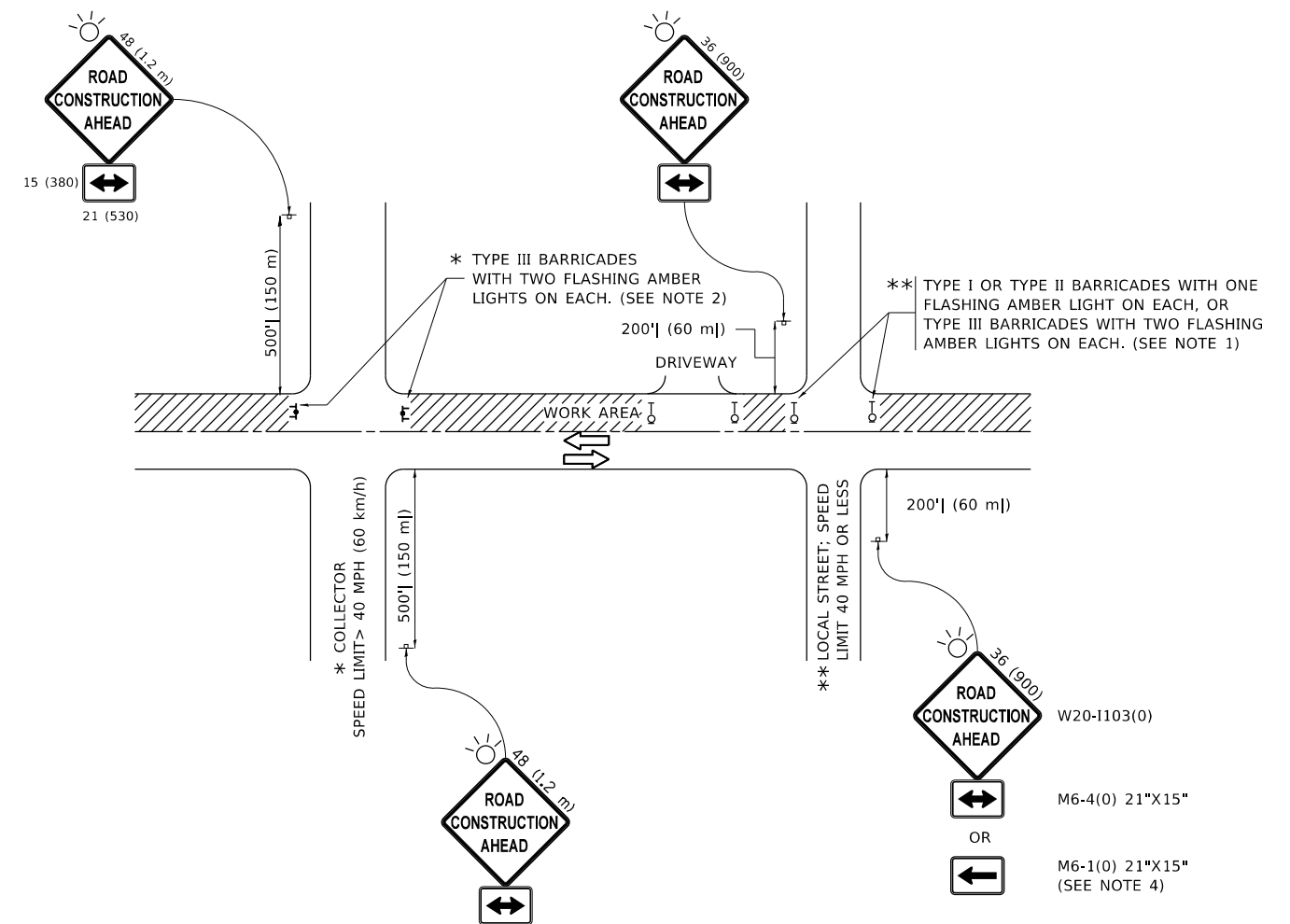
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT DATE = 12/10/2020	CHECKED -	REVISED - M. GOMEZ 04-06-01
	DATE - 06-13-90	REVISED - R.BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE	80	72
BD400-05 BD32		CONTRACT NO. 60L56		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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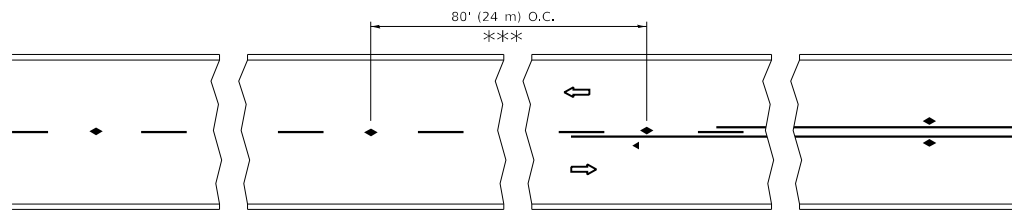
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 12/10/2020	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

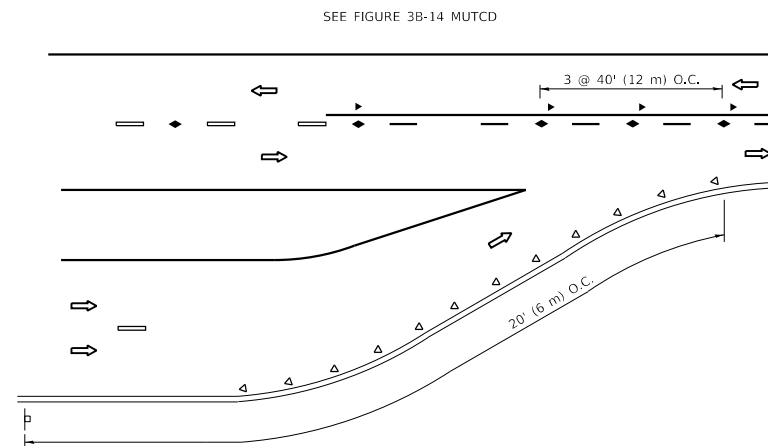
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 60L56	
ILLINOIS FED. AID PROJECT				

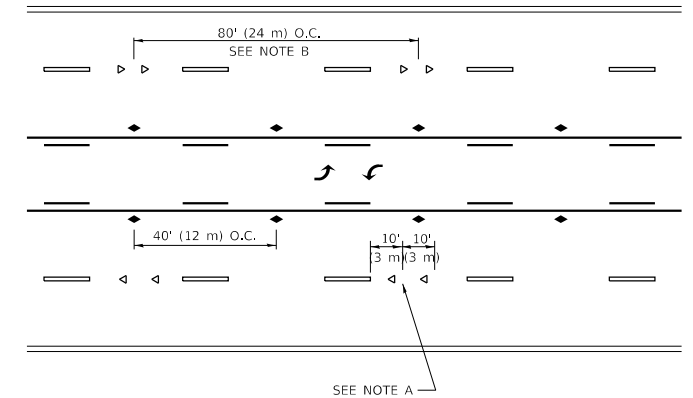


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

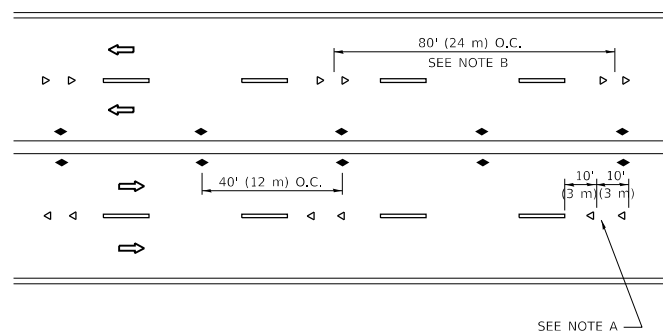
TWO-LANE/TWO-WAY



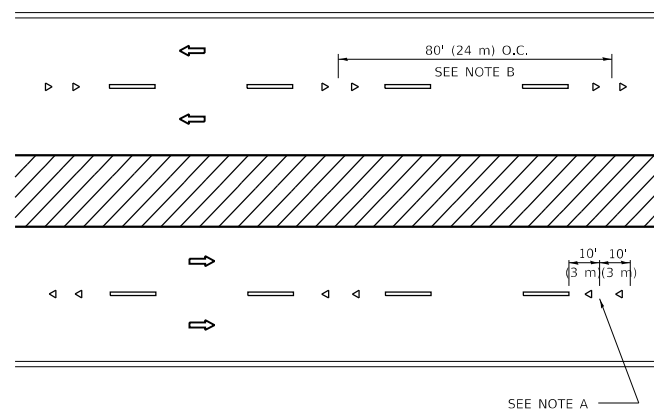
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

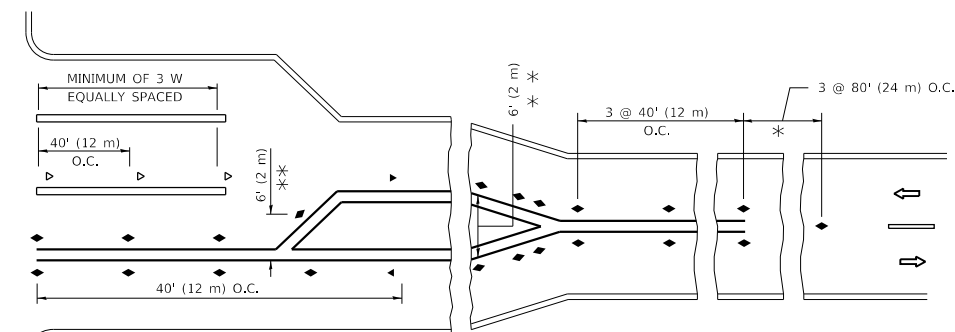
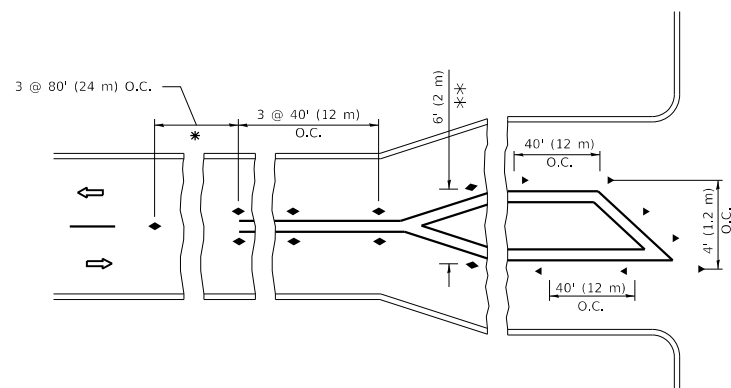
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

TURN LANES

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

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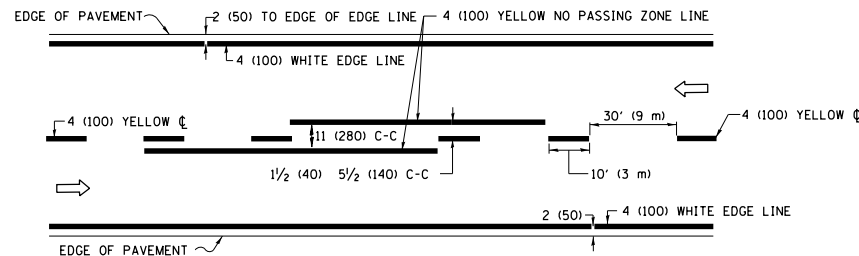
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 12/10/2020	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

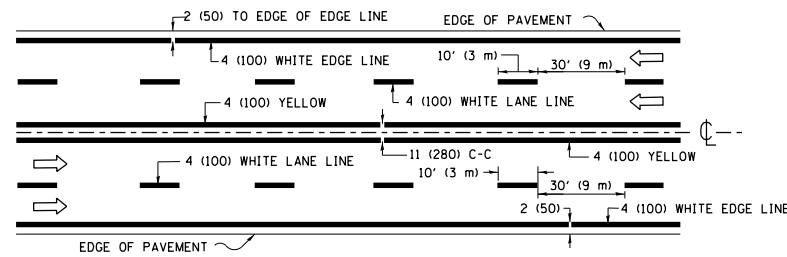
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

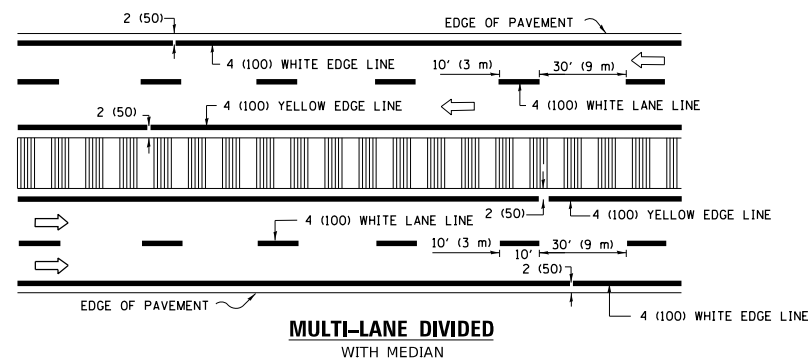
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&SW	LAKE	80	74
TC-11			CONTRACT NO. 60L56	
		ILLINOIS	FED. AID PROJECT	



2-LANE ROADWAY

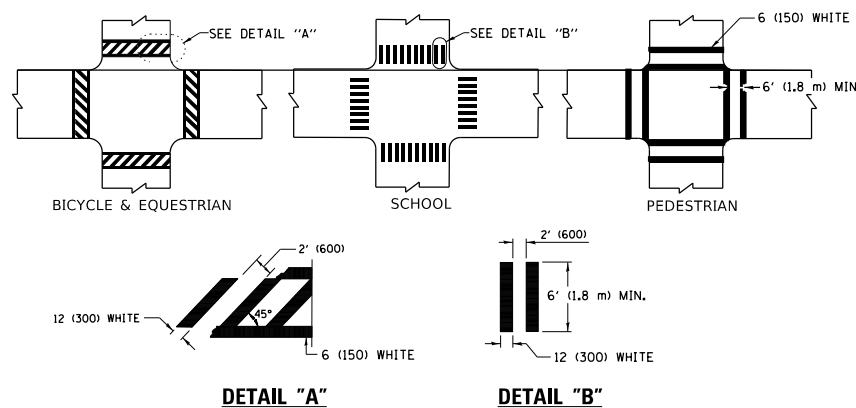


MULTI-LANE UNDIVIDED



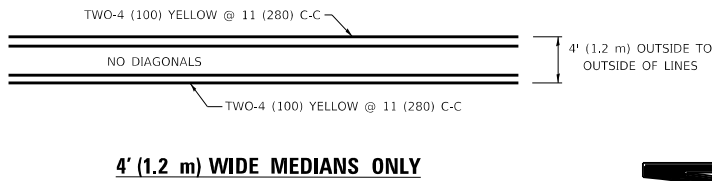
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

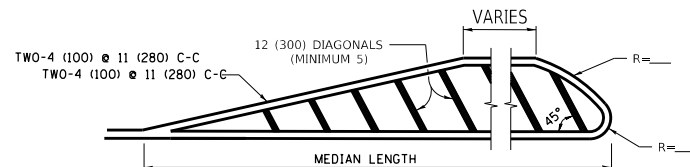


TYPICAL CROSSWALK MARKING

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

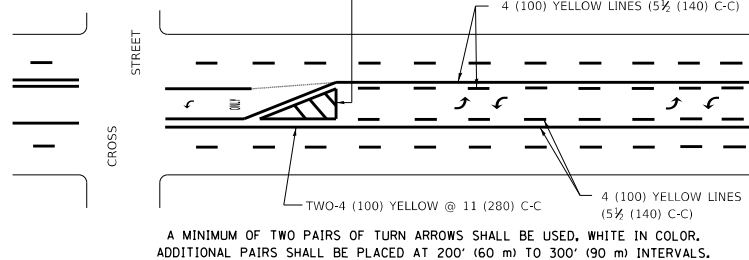


4' (1.2 m) WIDE MEDIANS ONLY

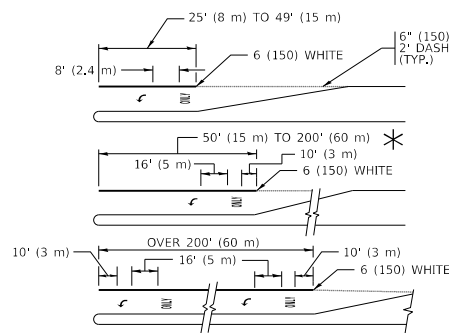


MEDIANS OVER 4' (1.2 m) WIDE

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

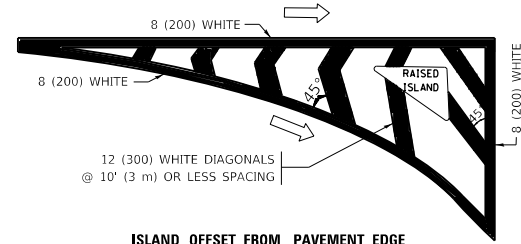


**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**

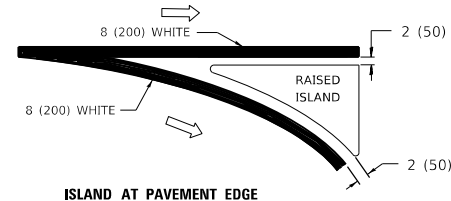


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

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

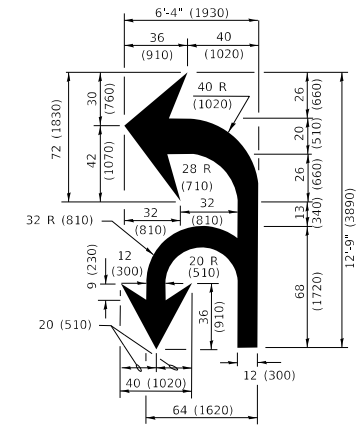


ISLAND OFFSET FROM PAVEMENT EDGE

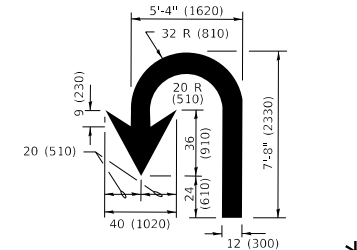


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

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

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

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

USER NAME = abebawa	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 12/10/2020	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-R5&SW	LAKE	80	75
TC-13		CONTRACT NO. 60L56		
		ILLINOIS / FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

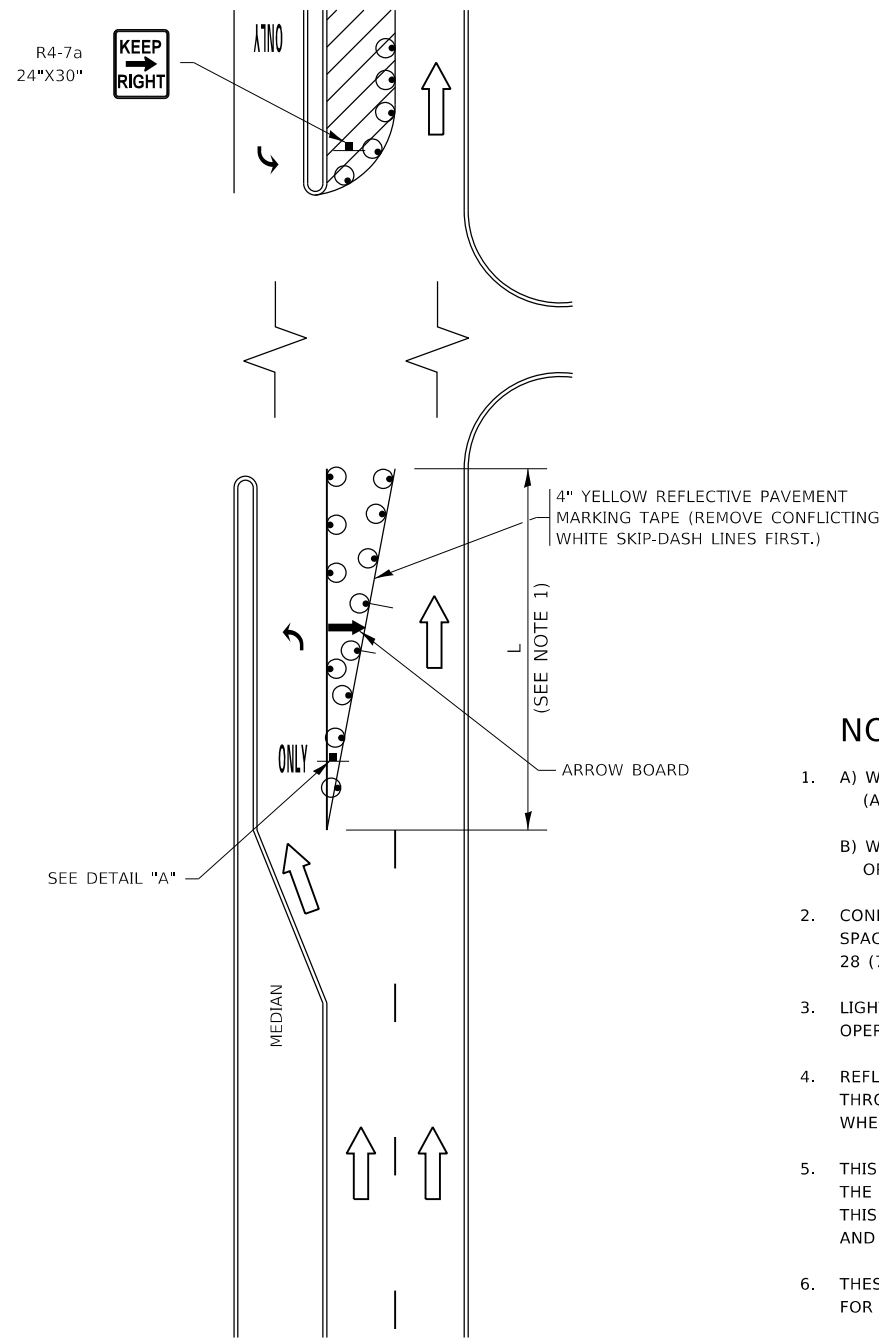


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

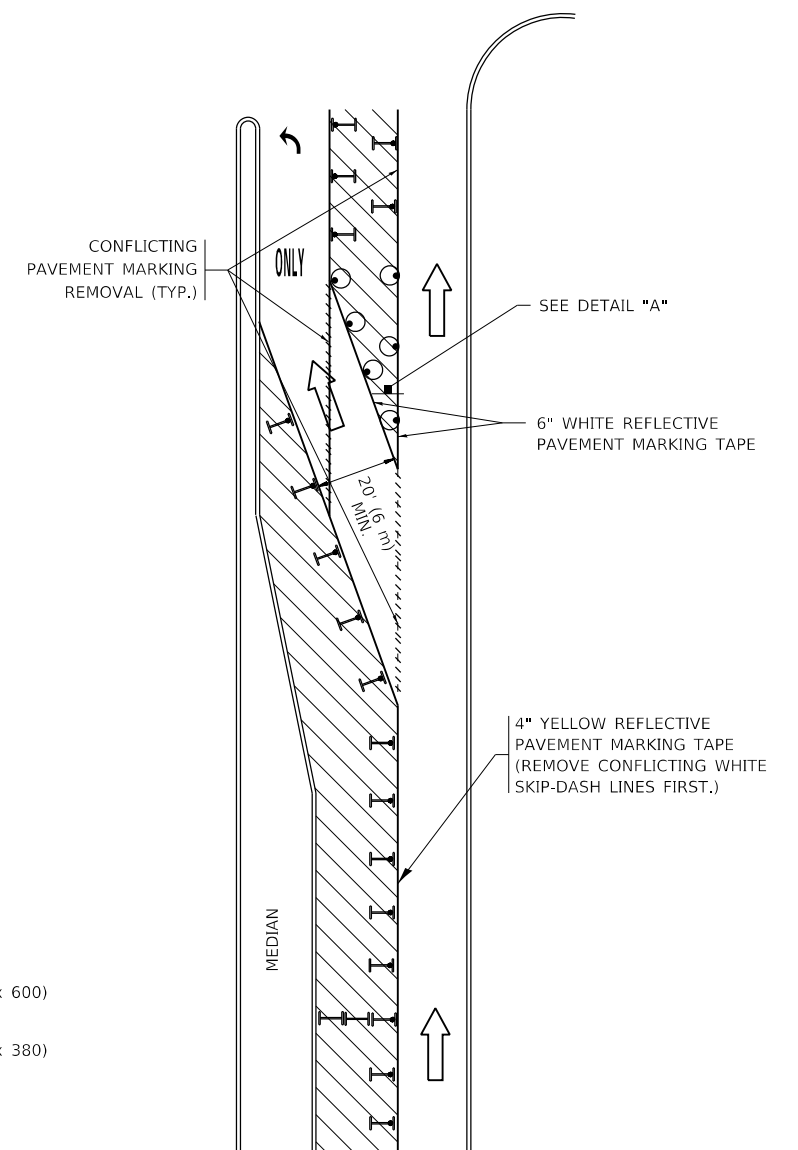
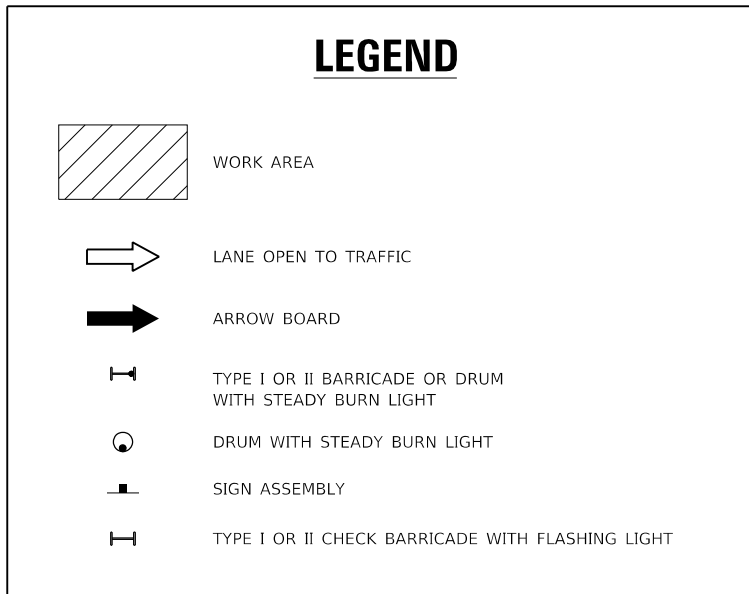
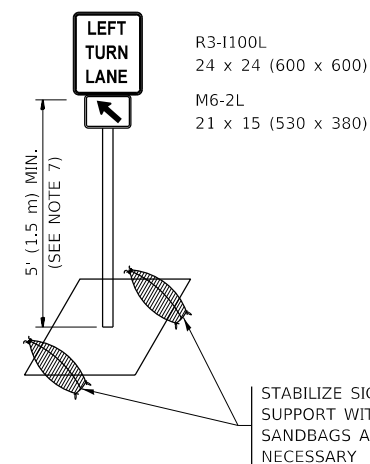


FIGURE 2



NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
 B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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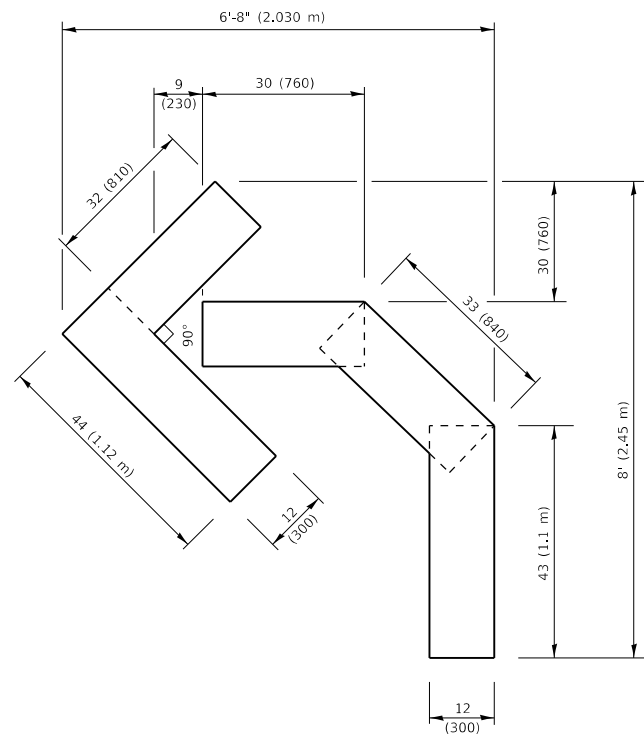
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 12/10/2020	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

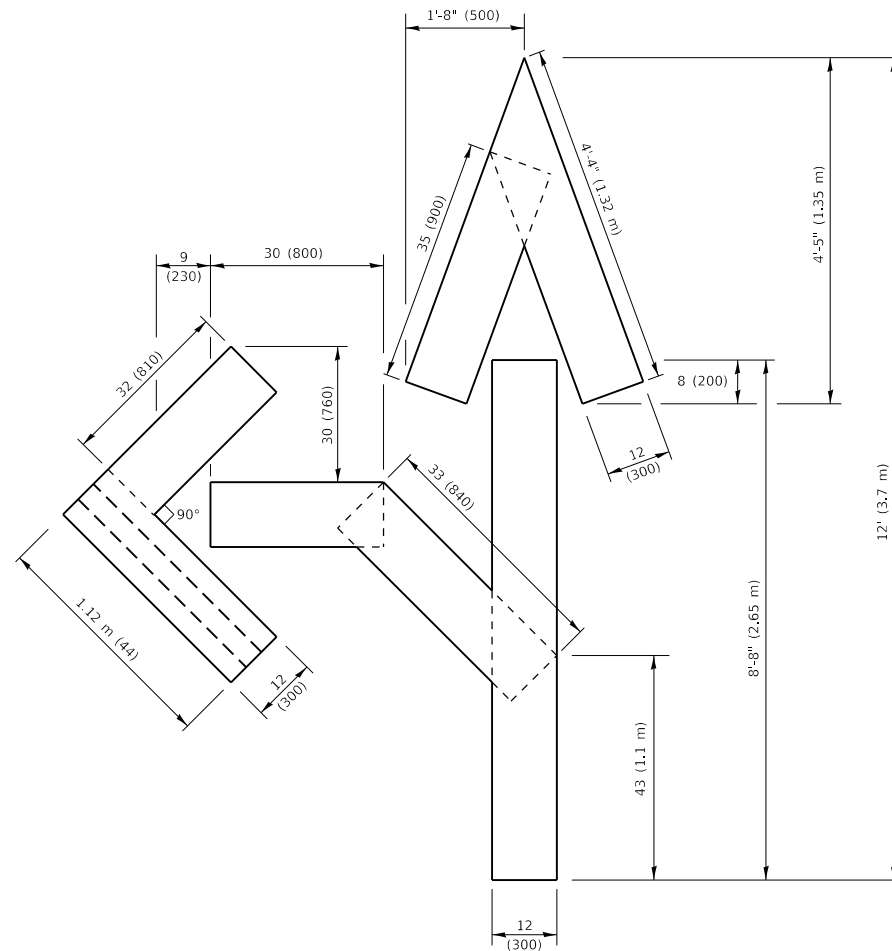
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	2020-078-RS&SW	LAKE	80	76
TC-14		CONTRACT NO. 60L56		
ILLINOIS FED. AID PROJECT				



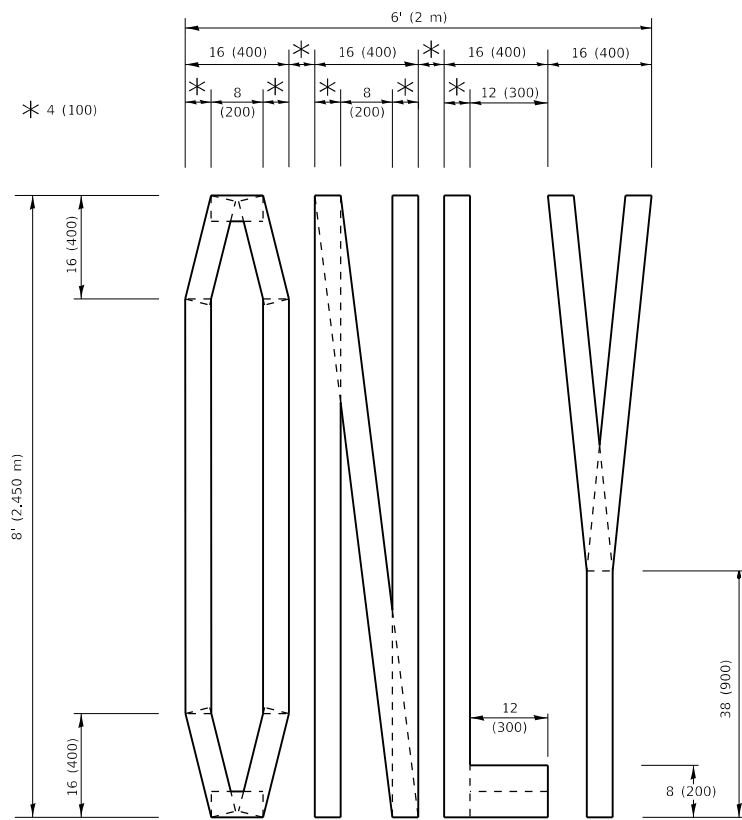
QUANTITY

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



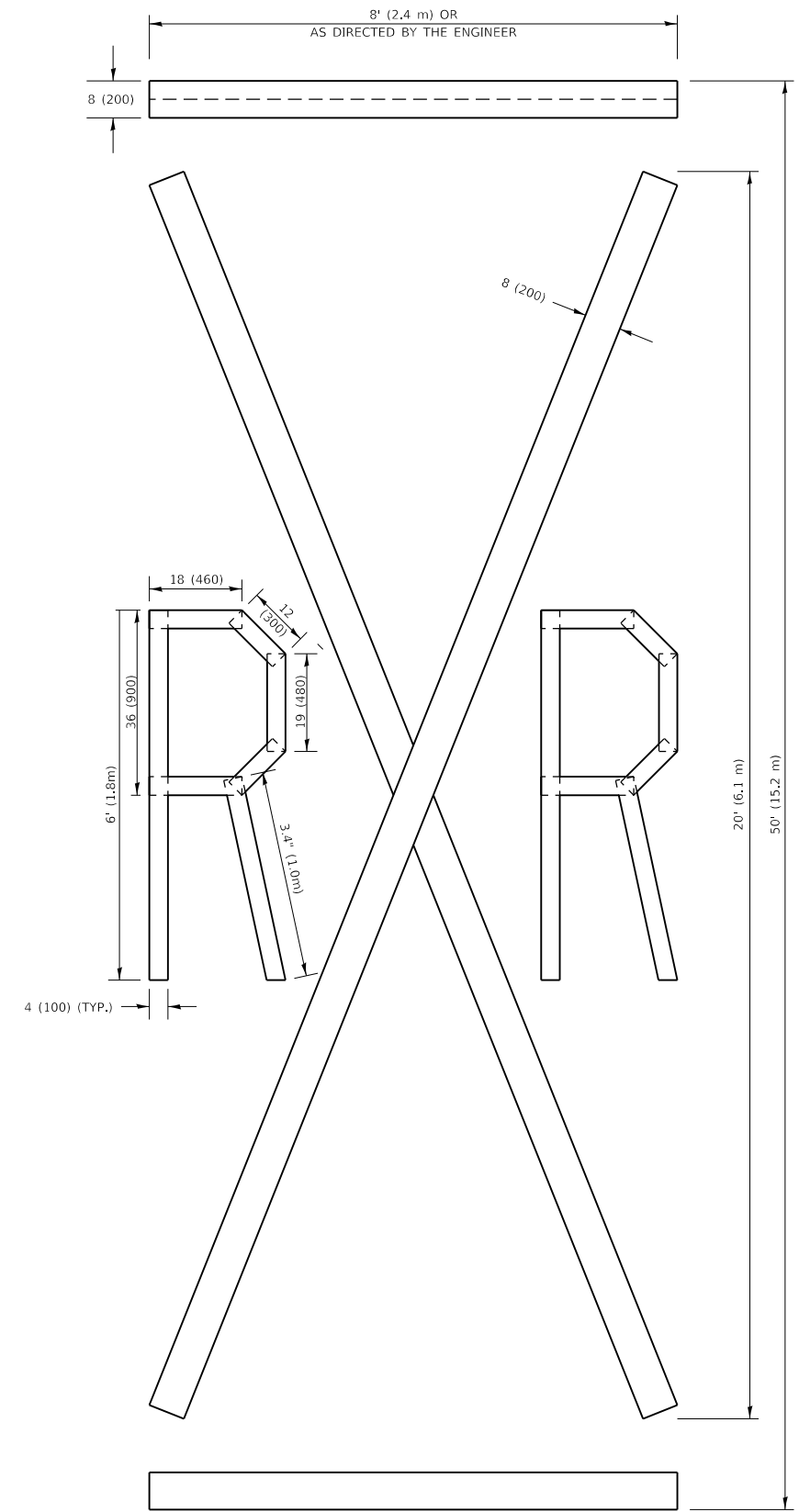
QUANTITY

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



QUANTITY

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



QUANTITY

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

NOTE:

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

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

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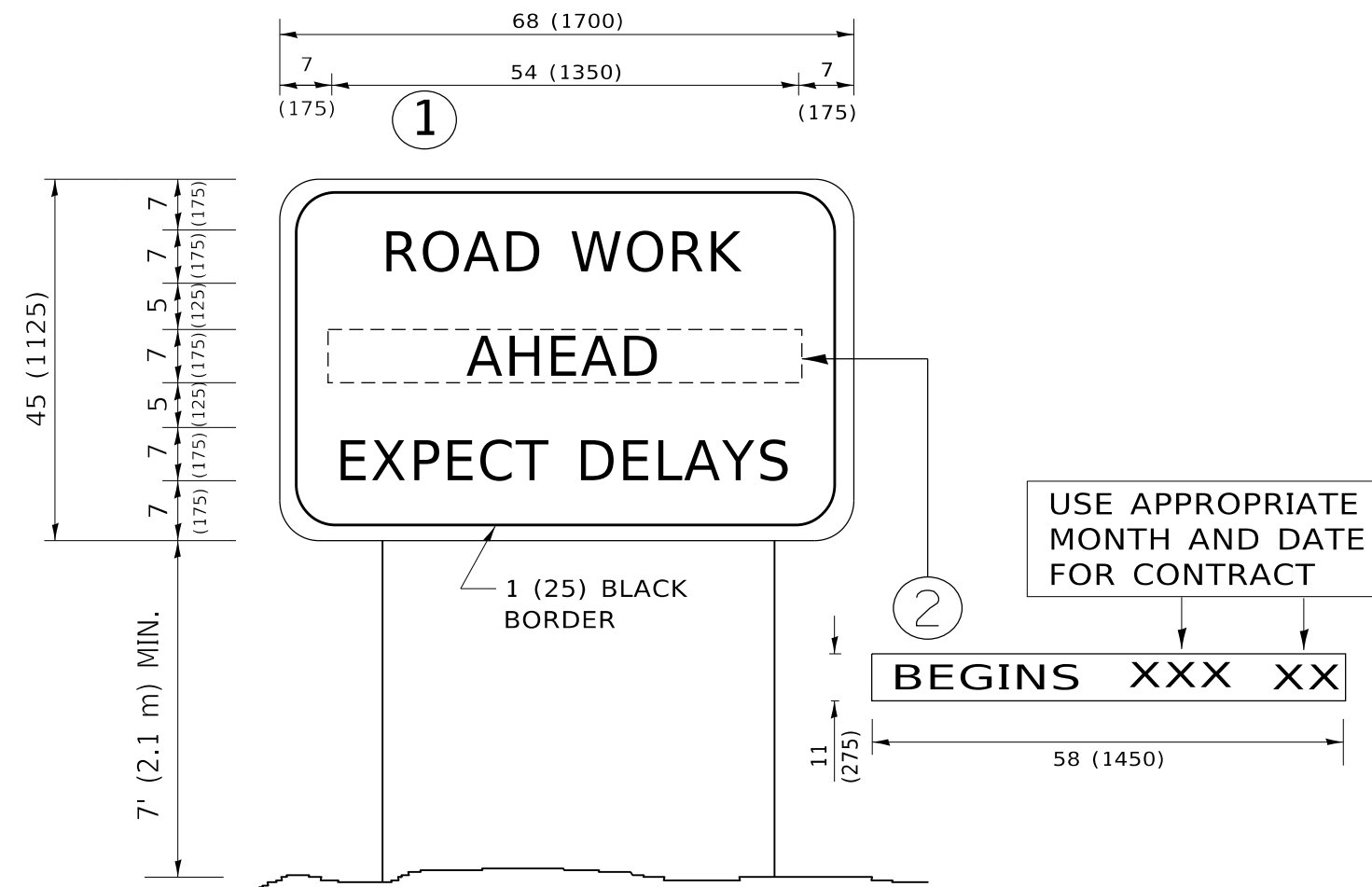
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	DRAWN -	REVISED - E. GOMEZ 08-28-00
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PLOT DATE = 12/10/2020	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**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.
352	2020-078-RS&SW	LAKE	80	77
TC-16		CONTRACT NO. 60L56		
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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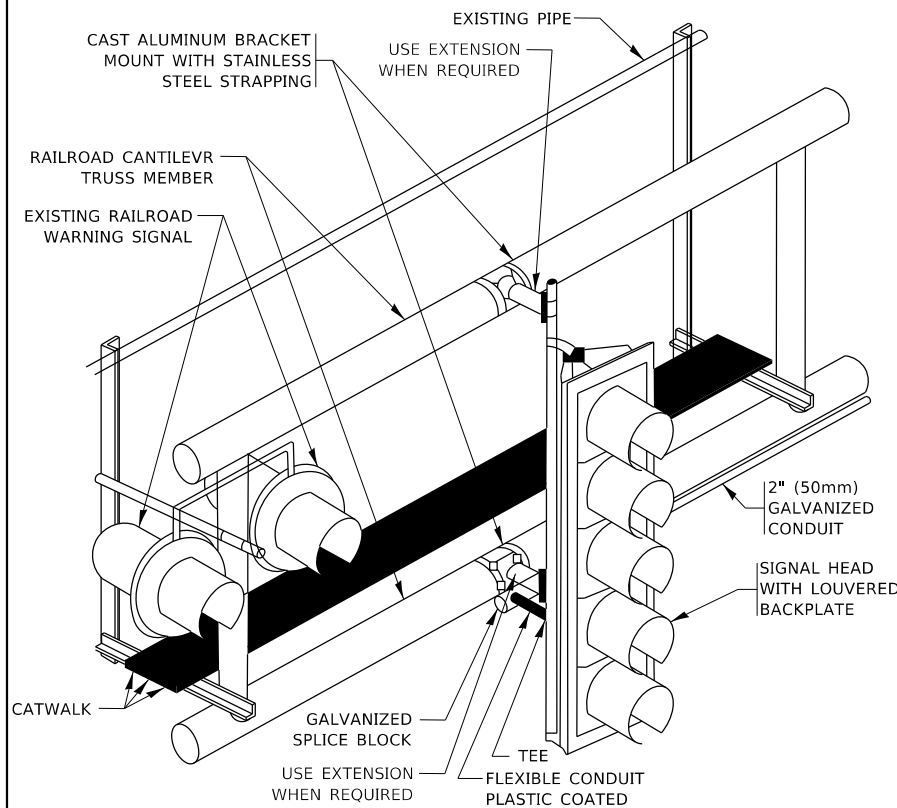
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 12/10/2020	DATE -	REVISED - C. JUCIUS 01-31-07

**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.
352	2020-078-R5&SW	LAKE	80	78
TC-22			CONTRACT NO. 60L56	
ILLINOIS		FED. AID PROJECT		



RAILROAD CANTILEVER SIGNAL HEAD MOUNTING

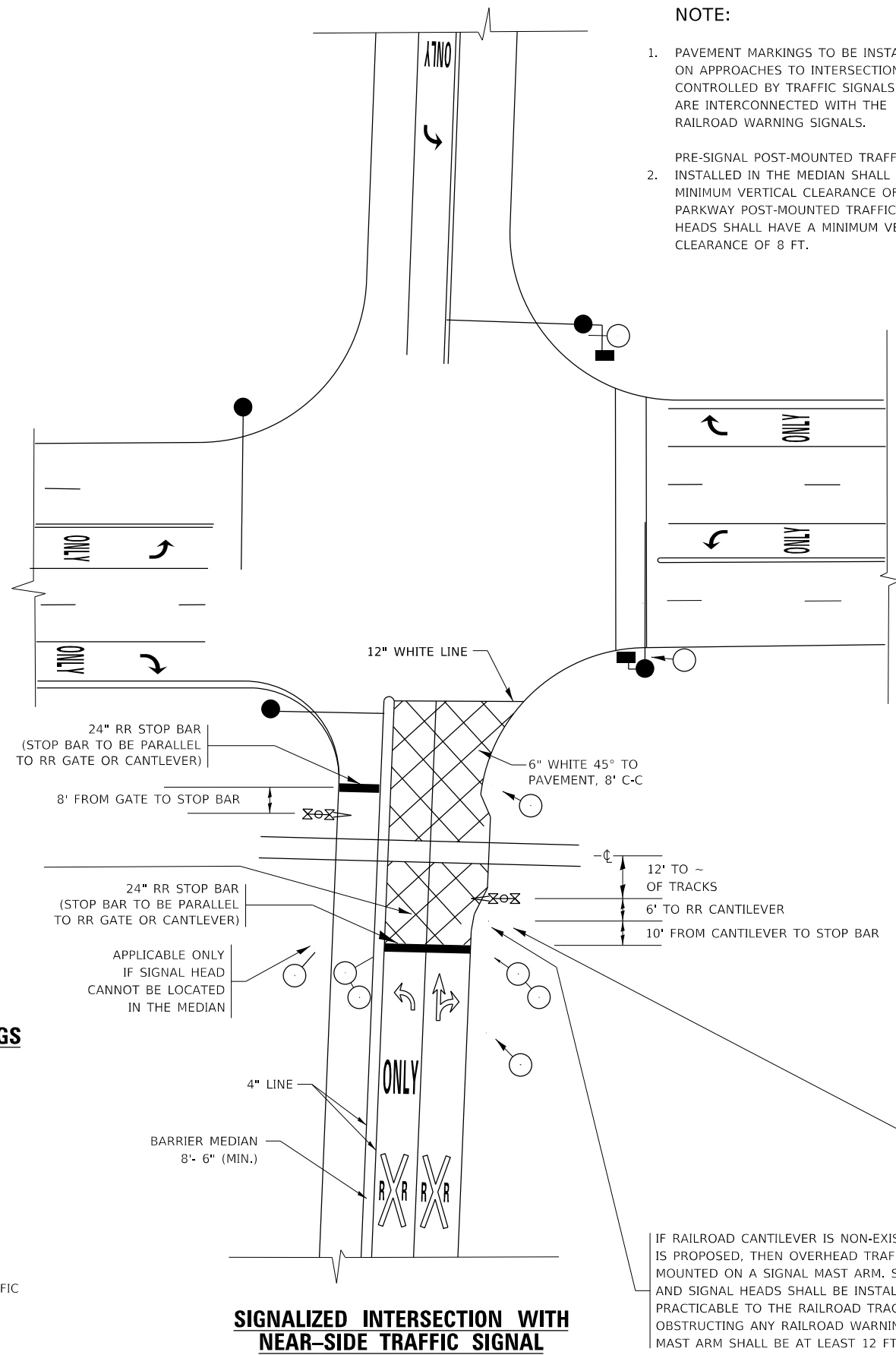
USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
 N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

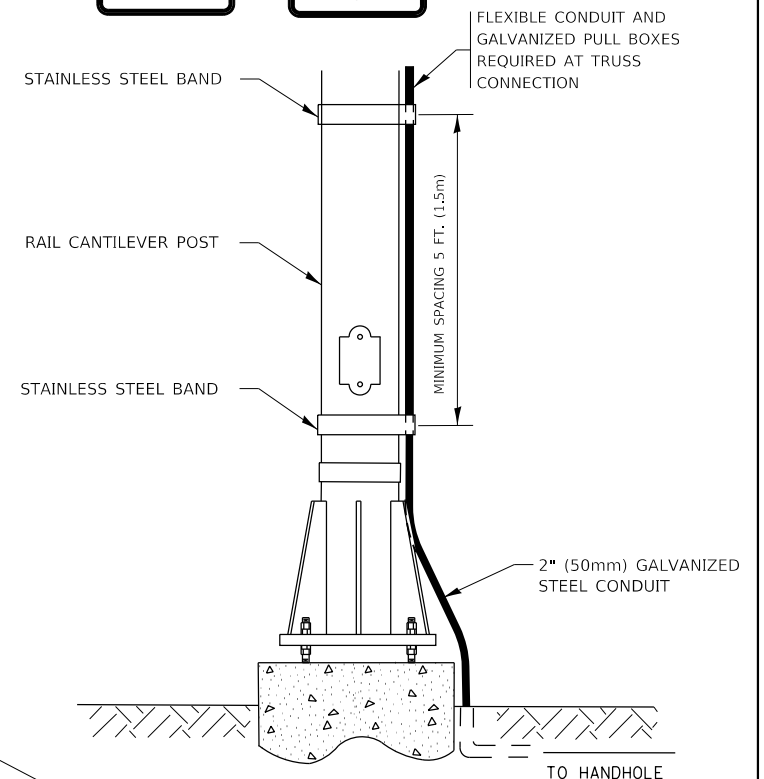
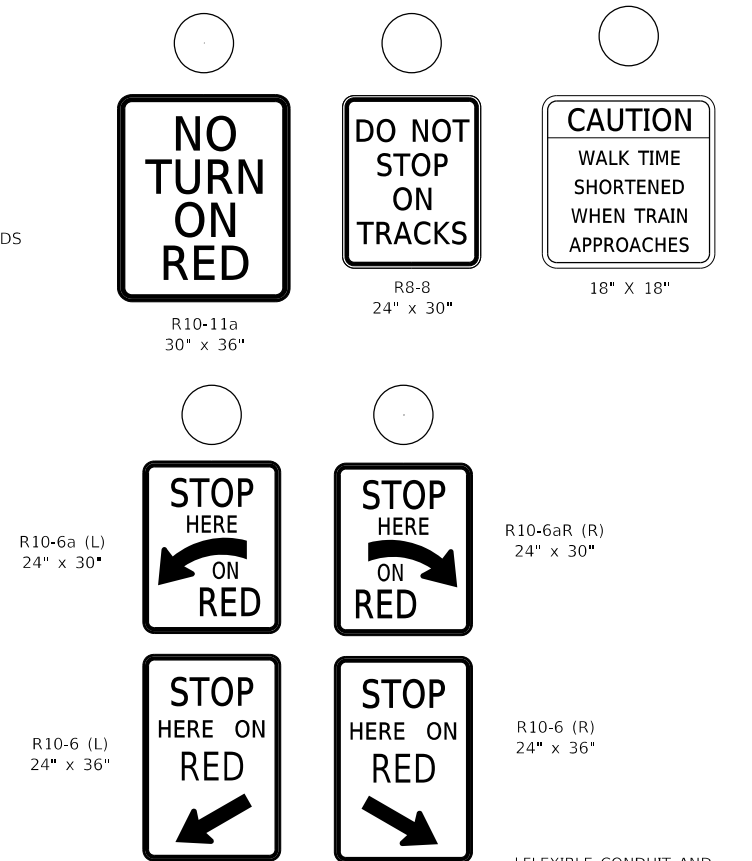
THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

IF RAILROAD CANTILEVER IS NON-EXISTANT AND NONE IS PROPOSED, THEN OVERHEAD TRAFFIC SIGNAL TO BE MOUNTED ON A SIGNAL MAST ARM. SIGNAL MAST ARM AND SIGNAL HEADS SHALL BE INSTALLED AS CLOSE AS PRACTICABLE TO THE RAILROAD TRACKS WITHOUT OBSTRUCTING ANY RAILROAD WARNING DEVICES. SIGNAL MAST ARM SHALL BE AT LEAST 12 FT. FROM NEAREST RAIL.



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

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

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USER NAME = abebawa	DESIGNED -	REVISED - 02-25-11
	DRAWN -	REVISED - 04-26-12
PLOT SCALE = 100.1344' / in.	CHECKED -	REVISED - A.R. 07-11-16
PLOT DATE = 12/10/2020	DATE -	REVISED - D.G. 8-22-19

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

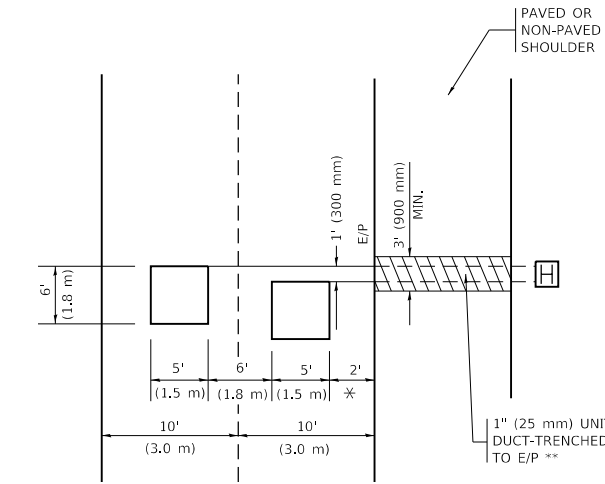
TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING
 TREATMENT FOR RAILROAD CROSSINGS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE. 352	SECTION 2020-078-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 79
TC-23			CONTRACT NO. 60L56	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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

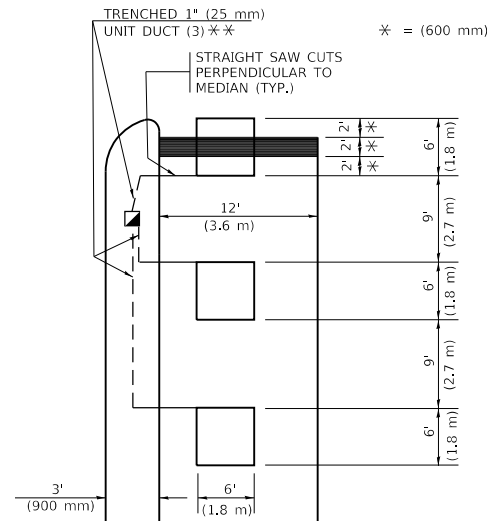


* = (600 mm)

** 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.



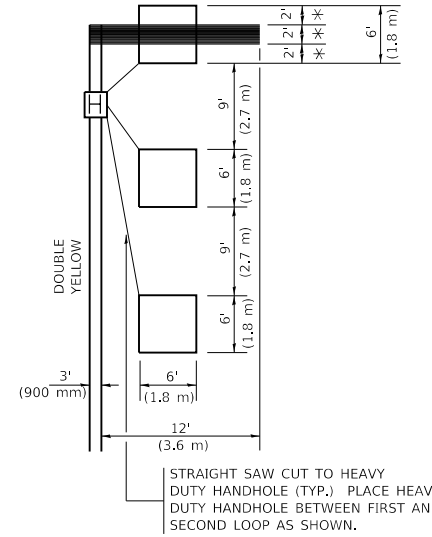
* = (600 mm)

** 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)



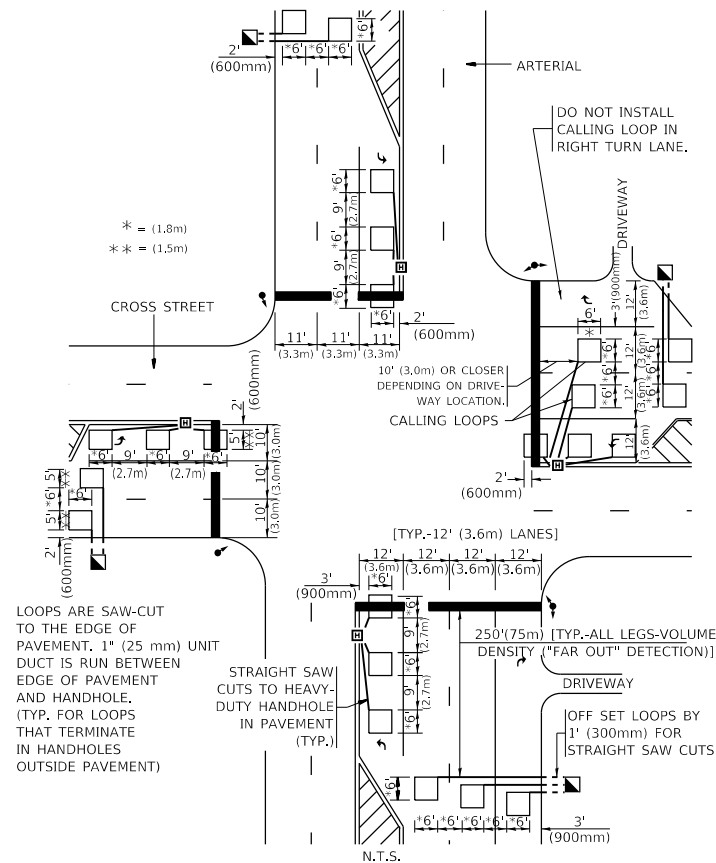
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

NOTES:

VEHICLES LOOP DETECTORS

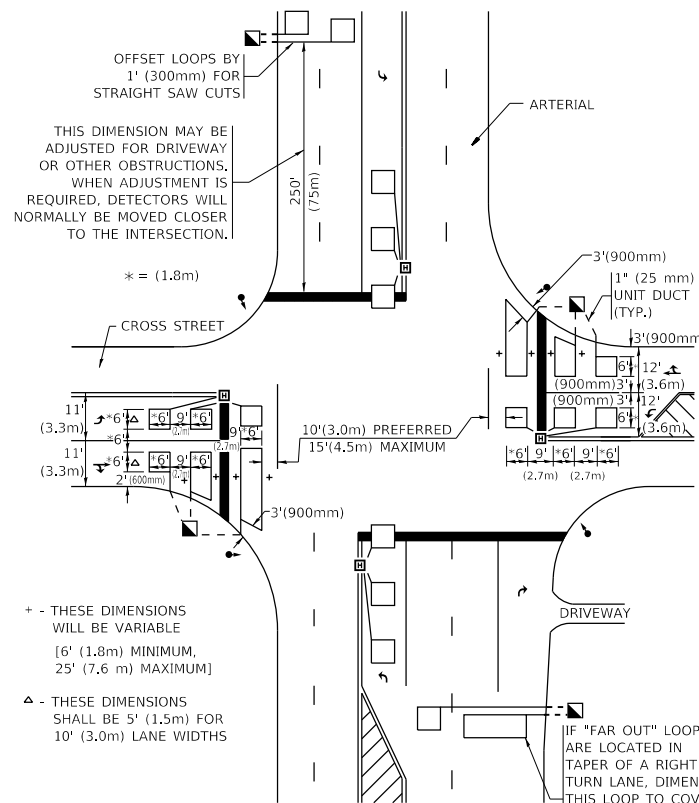
- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST 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.

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

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.

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USER NAME = abebawa	DESIGNED -	REVISED -
PLOT SCALE = 100.1601' / 1 in.	DRAWN -	REVISED -
PLOT DATE = 12/10/2020	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION			
DETAILS FOR ROADWAY RESURFACING			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE. 352	SECTION 2020-078-R5&SW	COUNTY LAKE	TOTAL SHEETS 80	SHEET NO. 80
TS-07		CONTRACT NO. 60L56		
ILLINOIS FED. AID PROJECT				