

11-17-2023 LETTING ITEM 013

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

A.U. REF.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069 00-BT	WILL	76	1

CONTRACT NO. 61J80

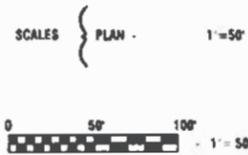
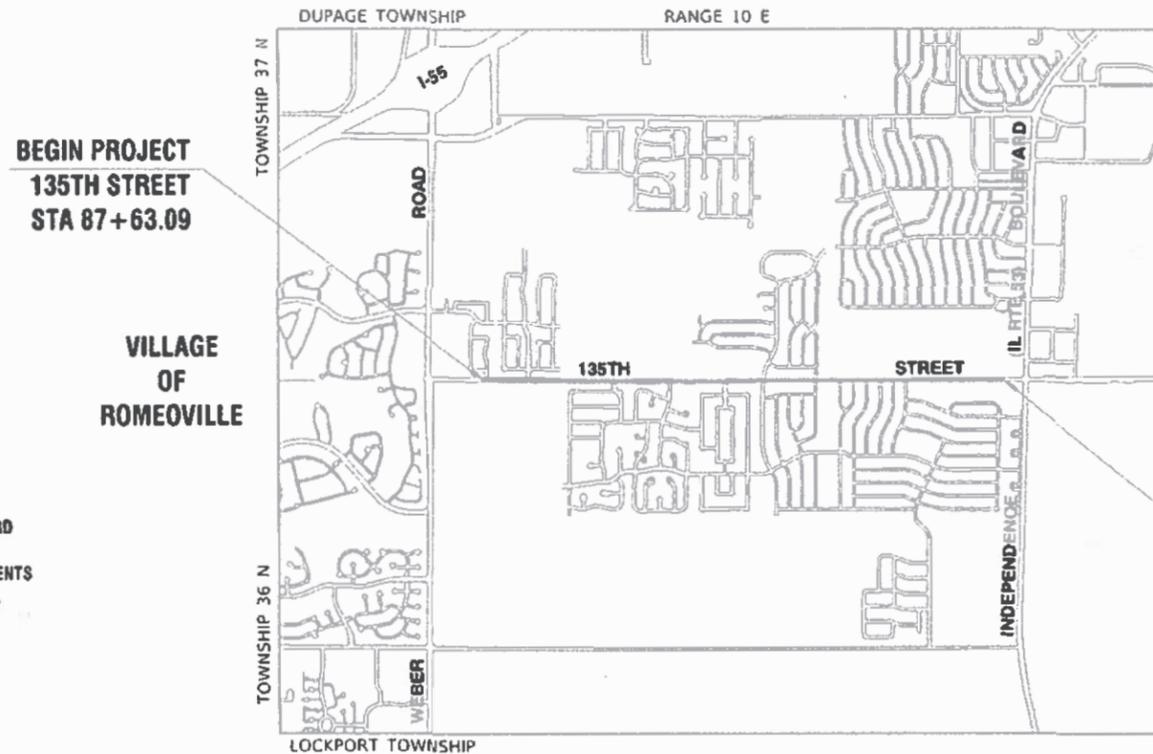
PLANS FOR PROPOSED FEDERAL AID HIGHWAY

FAU ROUTE 0282 (135TH STREET)
WEBER ROAD TO IL ROUTE 53
ROADWAY RESURFACING
SECTION NO.: 20-00069-00-BT
PROJECT NO.: APMT(993)
VILLAGE of ROMEOVILLE
WILL COUNTY
JOB NO.: C-91-174-22

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR HIGHWAY STANDARDS, SEE SHEET NO. 2

135TH STREET	
WEBER ROAD TO IL RTE 53	
2019 ADT-	9,900
POSTED SPEED LIMIT-	35 MPH / 25 MPH
FUNCTIONAL CLASSIFICATION-	LOCAL - MINOR ARTERIAL



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

LOCATION MAP
NOT TO SCALE

GROSS AND NET LENGTH = 11,152.9 FEET = 2.11 MILES



ISSUED COPIES 11/20/23
8-7-23

William P. Dolan

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
APPROVED	8-7-23 <i>John D. Noak</i> VILLAGE OF ROMEOVILLE, MAYOR
PASSED	Sept. 6 2023 <i>Cheryl</i> DISTRICT 1 ENGINEER OF LOCAL ROADS & STREETS
RELEASING FOR BID BASED ON LIMITED REVIEW	SEPTEMBER 7, 2023 <i>Jose Pires</i> REGIONAL ENGINEER

I.D.O.T. FEDERAL AID PROGRAM ENGINEER: CARMEN RAMOS, PE, SCHAMBURG, IL
CONSULTANTS: TANTS ROBINSON ENGINEERING, LTD. 708-331-6700

CONTRACT NO. 61J80

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THE STATE OF ILLINOIS

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701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15'(4.5m) TO 24"(600mm) FROM PAVEMENT EDGE
701011-04	OFF ROAD MOVING OPERATIONS, 2L,2W, DAY ONLY
701101-05	OFF ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
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 OPERATION 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 NONTRANSVERSABLE MEDIAN
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
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GENERAL NOTES

- ITEMS OF WORK LISTED IN THE SUMMARY OF QUANTITIES NOT SPECIFICALLY CALLED OUT ON THE PLANS SHALL BE PERFORMED AS DIRECTED BY THE ENGINEER.
- THE ROBINSON ENGINEERING, LTD. FIELD OFFICE (708-331-6700), AND THE PUBLIC WORKS DIRECTOR (815-886-1870), AT THE VILLAGE OF ROMEOVILLE, SHALL BE NOTIFIED TWO (2) WORKING DAYS BEFORE CONSTRUCTION BEGINS.
- BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 AND (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION REQUIRED)
- UTILITIES INDICATED ON THE PLANS ARE PROVIDED FOR THE CONTRACTOR'S USE AND ARE BASED UPON INFORMATION AVAILABLE AT THE TIME OF THE ADVERTISEMENT FOR BIDS. THE OWNER AND ENGINEER DO NOT GUARANTEE THE ACCURACY OF UTILITY INFORMATION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- THE THICKNESS OF HMA MIXTURE STATED IN THE SPECIFICATIONS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA SURFACE IS PLACED.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DITCHES, GUTTERS OR OTHER DRAINAGE STRUCTURES SHALL BE REMOVED BY THE END OF EACH DAY BY THE CONTRACTOR.
- CLASS D PATCHING QUANTITIES FOR THIS CONTRACT SHALL BE PERFORMED AT THE DIRECTION OF THE ENGINEER AFTER PAVEMENT MILLING.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- NO PAVEMENT PATCHING SHALL BE PERMITTED AFTER FRIDAY AT 3:00 PM OF EACH AND EVERY WEEK AND NO HOLES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT OR OVER THE WEEKEND.
- ALL EQUIPMENT SHALL BE REMOVED OFF THE VILLAGE STREETS DURING ALL HOLIDAY WEEKENDS AS COORDINATED WITH THE VILLAGE.
- HMA PAVING SHALL BE PERFORMED WITH HOT JOINTS.
- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- ALL SIGNS REMOVED THAT ARE NOT BEING REINSTALLED ARE THE PROPERTY OF THE VILLAGE AND SHALL BE DELIVERED TO THE VILLAGE OF ROMEOVILLE PUBLIC WORKS DEPARTMENT AT 615 ANDERSON DRIVE, ROMEOVILLE, IL 60446.
- PROPOSED SIGNS AND DECORATIVE SIGN POSTS SHALL BE APPROVED BY THE VILLAGE AND RESIDENT ENGINEER PRIOR TO MANUFACTURING.
- KINDER MORGAN WILL REQUIRE THAT A KINDER MORGAN DAMAGE PREVENTION INSPECTOR BE ON SITE THE ENTIRE TIME ANY WORK IS BEING COMPLETED 25 FEET OR CLOSER TO THE PIPELINE OR WITHIN THE PIPELINE ROW. ANY DIGGING TWO FEET OR CLOSER TO THE PIPELINE MUST BE DONE BY SOFT TECHNIQUES, HAND OR HYDRO VACUUM. SIDEWALK REMOVAL AND CURB AND GUTTER REMOVAL WITHIN THE PIPELINE ROW MUST BE COMPLETE BY SAWCUT AND REMOVAL, IT MAY NOT BE PERFORMED BY JACKHAMMER OR VIBRATORY EQUIPMENT. NO VIBRATORY WORK IS ALLOWED OVER THE PIPELINE ROW. PROPOSED SIGNAGE WITHIN THE NPGL ROW SHALL BE INSTALLED BY HYDROVAC AND MUST BE LOCATED 5 FEET AWAY FROM SIDE OF PIPELINE. PIPELINE CROSSINGS MUST BE AT A MINIMUM OF 24 INCHES OF CLEARANCE AND CROSSINGS NEED TO BE VERIFIED WITH A POTHOLE VIEWING WINDOW. KINDER MORGAN GUIDELINES FOR DESIGN AND CONSTRUCTION NEAR KINDER MORGAN OPERATED FACILITIES ARE INCLUDED IN THE BID DOCUMENTS.
- ONEOK NATURAL GAS PIPELINE HAS FACILITIES AT APPROXIMATE STATION 93+00. WARNING - HIGH PRESSURE NATURAL GAS PIPELINE OR NATURAL GAS LIQUIDS LINE, CONTACT THE STATE'S "ONE-CALL" SYSTEM AND ONEOK AT 800-562-5879 BEFORE DIGGING. ALSO REFER TO "EXHIBIT D - PROTECTION OF THE PIPELINES AND EASEMENTS OF ONEOK" LOCATED IN THE SPECIAL PROVISIONS.

FILE NAME = 18R1086_02-INDX-01 - P01	USER NAME =	DESIGNED -- MPN	REVISED -- 09-19-23	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING INDEX OF SHEETS, STANDARDS & GENERAL NOTES			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -- WPD	REVISED --		0282	20-00069-00-BT	WILL	76	2			
	PLOT SCALE =	DRAWN -- RG	REVISED --		CONTRACT NO. 61J80							
	PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --		SCALE: NONE	SHEET NO. 2	OF 76 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT

S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	FED 80%	FED 80%	FED 80%
					VILLAGE 20%	VILLAGE 20%	VILLAGE 20%
					ROADWAY	SAFETY	TRAINEES
					CONSTRUCTION TYPE CODE		
					0005	0021	0042
	20200100	EARTH EXCAVATION	CU YD	150	150		
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	240	240		
	28000400	PERIMETER EROSION BARRIER	FOOT	350	350		
	31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	665		665	
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1,320		1320	
	35800100	PREPARATION OF BASE	SQ YD	4,897	4,897		
	35800200	AGGREGATE BASE REPAIR	TON	1,616	1,616		
	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	175	175		
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	2,600	2600		
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	38,400	38,400		
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	33,600	33,600		
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	85	85		
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	285	285		
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	146		146	
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	7,120	7120		

FILE NAME = 18R1036_02-QUAN-01 - P01

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 3 OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	3
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)			CONTRACT NO. 61J80	

S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	FED 80%	FED 80%	FED 80%
					VILLAGE 20%	VILLAGE 20%	VILLAGE 20%
					ROADWAY	SAFETY	TRAINEES
					CONSTRUCTION TYPE CODE		
					0005	0021	0042
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	97		97	
	40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	5,540	5,540		
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	308	308		
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5,962		5962	
	42400800	DETECTABLE WARNINGS	SQ FT	730		730	
	44000100	PAVEMENT REMOVAL	SQ YD	642	642		
	44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	56,500	56,500		
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	536	536		
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	8,453	8,453		
	44201761	CLASS D PATCHES, TYPE I, 10 INCH	SQ YD	4	4		
	44201765	CLASS D PATCHES, TYPE II, 10 INCH	SQ YD	107	107		
	44201769	CLASS D PATCHES, TYPE III, 10 INCH	SQ YD	377	377		
	44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	4,409	4,409		
	60600605	CONCRETE CURB, TYPE B	FOOT	53	53		
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	120	120		

FILE NAME = 18R1036_02-QUAN-01 - P02

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 4 OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	4
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				

S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	FED 80%	FED 80%	FED 80%
					VILLAGE 20%	VILLAGE 20%	VILLAGE 20%
					ROADWAY	SAFETY	TRAINEES
					CONSTRUCTION TYPE CODE		
					0005	0021	0042
	67100100	MOBILIZATION	LSUM	1	1		
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1		
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1	1		
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1		
	70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1		
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1		
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1		
	70107025	CHANGEABLE MESSAGE SIGN	CAL DA	90	90		
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	15,225		15,225	
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	3,075		3,075	
*	72000100	SIGN PANEL - TYPE 1	SQ FT	455		455	
*	72000200	SIGN PANEL - TYPE 2	SQ FT	35		35	
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	18		18	
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4		4	
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	80		80	

FILE NAME = 18R1036_02-QUAN-01 - P03

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 5 OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	5
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				

S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	FED 80%	FED 80%	FED 80%
					VILLAGE 20%	VILLAGE 20%	VILLAGE 20%
					ROADWAY	SAFETY	TRAINEES
					CONSTRUCTION TYPE CODE		
					0005	0021	0042
*	72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1		1	
*	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1		1	
*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	13		13	
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	2		2	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	3,326		3,326	
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	41,620		41,620	
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	4,620		4,620	
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	520		520	
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	4,265		4,265	
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	300		300	
*	78200020	CURB REFLECTORS	EACH	20		20	
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2		2	
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1	
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	158		158	
*	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	150		150	

FILE NAME = 18R1036_02-QUAN-01 - P04

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 6 OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	6
FED. ROAD DIST. NO. 1 ILLINOIS			FED. AID PROJECT APMT(993)	
			CONTRACT NO. 61J80	

S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	FED 80%	FED 80%	FED 80%
					VILLAGE 20%	VILLAGE 20%	VILLAGE 20%
					ROADWAY	SAFETY	TRAINEES
					CONSTRUCTION TYPE CODE		
					0005	0021	0042
*	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	97		97	
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	229		229	
*	81400100	HANDHOLE	EACH	1		1	
*	81400200	HEAVY-DUTY HANDHOLE	EACH	4		4	
*	81603598	UNIT DUCT, 600V, 6-1C NO.6, 1/C NO.8 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	200		200	
*	81702440	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 1/0	FOOT	150		150	
*	82110007	LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	4		4	
*	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	8		8	
*	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1		1	
*	85100500	PAINT NEW TRAFFIC SIGNAL POST	EACH	4		4	
*	85100600	PAINT NEW MAST ARM AND POLE, UNDER 40 FOOT	EACH	4		4	
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	696		696	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	992		992	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	648		648	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1,420		1,420	

FILE NAME = 18R1036_02-QUAN-01 - P05

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 7 OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	7
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				

S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	FED 80%	FED 80%	FED 80%
					VILLAGE 20%	VILLAGE 20%	VILLAGE 20%
					ROADWAY	SAFETY	TRAINEES
					CONSTRUCTION TYPE CODE		
					0005	0021	0042
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	889		889	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	489		489	
*	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4		4	
*	87702830	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 20 FT.	EACH	1		1	
*	87702870	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT.	EACH	1		1	
*	87702880	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 30 FT.	EACH	1		1	
*	87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1		1	
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16		16	
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	47		47	
*	87900200	DRILL EXISTING HANDHOLE	EACH	4		4	
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	3		3	
*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	5		5	
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	5		5	
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6		6	
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8		8	

FILE NAME = 18R1036_02-QUAN-01 - P06

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 8 OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	8
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)			CONTRACT NO. 61J80	

S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	FED 80%	FED 80%	FED 80%
					VILLAGE 20%	VILLAGE 20%	VILLAGE 20%
					ROADWAY	SAFETY	TRAINEES
					CONSTRUCTION TYPE CODE		
					0005	0021	0042
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	8		8	
*	88600100	DETECTOR LOOP, TYPE I	FOOT	779		779	
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1		1	
*	89501400	RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	2		2	
*	89501510	RELOCATE EXISTING FLASHING BEACON	EACH	1		1	
*	89502200	MODIFY EXISTING CONTROLLER	EACH	1		1	
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1	
*	89502380	REMOVE EXISTING HANDHOLE	EACH	1		1	
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7		7	
	Z0004518	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"	SQ YD	208	208		
	Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	140	140		
	Z0017700	DRAINAGE & UTILITY STRUCTURES TO BE RECONSTRUCTED	EACH	1	1		
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	152	152		
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1		1	
	Z0076600	TRAINEES	HOUR	500			500

FILE NAME = 18R1036_02-QUAN-01 - P07

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 9 OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	9
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				

					FED 80%	FED 80%	FED 80%
					VILLAGE 20%	VILLAGE 20%	VILLAGE 20%
					ROADWAY	SAFETY	TRAINEES
S.I.	CODE NO.	PAY ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE		
					0005	0021	0042
	Z0076604	TRAINESS TRAINING PROGRAM GRADUATE	HOUR	500			500
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	254		254	
*	X0326899	SOLAR-POWERED FLASHING BEACON ASSEMBLY (COMPLETE)	EACH	4		4	
*	X0327018	DECORATIVE SIGN POST	EACH	74		74	
	X4404700	SIDEWALK REMOVAL (SPECIAL)	SQ FT	9,847		9847	
	X6060048	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)	FOOT	6,047	6,047		
	X6064200	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)	FOOT	2,406	2,406		
*	X8730105	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 10 3C	FOOT	697		697	
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6		6	
*	X8950090	RELOCATE EXISTING LIGHTING CONTROLLER	EACH	1		1	
	XX006343	SEEDING (COMPLETE)	SQ YD	1,780	1780		

FILE NAME = 18R1036_02-QUAN-01 - P08

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SUMMARY OF QUANTITIES		
SCALE: NONE	SHEET NO. 10 OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	10
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				

CURB & MEDIAN						
LOCATION			COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL) (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (FOOT)	CONCRETE CURB, TYPE B (FOOT)	CONCRETE MEDIAN, TYPE SB-6.12 (SQ FT)
Sta. From	Sta. To	Offset				
135th STREET						
87+97.30	88+15.74	LT	18.00			
88+60.48	88+75.15	LT	16.00			
88+60.92	88+75.23	RT	15.00			
89+08.53	89+56.77	RT	48.00			
89+34.57	89+48.52	LT	14.00			
90+57.73	90+68.39	RT	11.00			
90+90.58	91+05.10	LT	15.00			
91+78.56	91+84.56	LT				60.00
91+78.56	91+84.56	LT		10.00		
91+78.56	91+84.56	LT		10.00		
91+84.56	92+72.89	LT		88.00		
91+84.56	92+72.82	RT		88.00		
91+96.42	92+17.94	LT	22.00			
91+99.37	92+17.85	RT	18.00			
92+68.61	93+16.31	LT	48.00			
92+72.82	92+72.89	LT			9.00	
92+75.02	93+01.16	RT	26.00			
93+27.47	93+39.41	LT	12.00			
93+70.89	93+70.91	LT			9.00	
93+70.89	94+29.69	LT		59.00		
93+70.91	94+29.54	LT		59.00		
93+75.88	94+49.58	LT	74.00			
94+29.54	96+95.88	LT		266.00		
94+29.69	96+95.88	LT		266.00		
95+55.83	95+68.71	RT	13.00			
96+95.88	97+01.88	LT		9.00		
96+95.88	97+01.88	LT		9.00		
96+95.88	97+01.88	LT				60.00
97+69.97	98+02.48	LT	33.00			
98+16.16	98+49.80	LT	34.00			
99+01.53	99+44.17	LT	43.00			
99+48.37	99+65.29	RT	32.00			
100+33.06	100+69.86	RT	52.00			
100+43.96	100+84.38	LT	40.00			
100+92.30	101+34.69	RT	42.00			
101+14.09	101+26.27	LT	12.00			
101+55.79	101+70.88	LT	15.00			
101+80.57	102+20.27	RT	40.00			
102+46.29	102+60.46	LT	14.00			
103+02.24	103+16.84	LT	15.00			
103+08.23	103+70.57	RT	62.00			
103+58.70	103+75.14	LT	16.00			
104+18.40	104+67.59	RT	49.00			
105+15.58	105+80.91	RT	65.00			
105+38.05	105+53.14	LT	15.00			
105+92.90	106+10.48	RT	38.00			
106+13.53	106+33.73	LT	20.00			
106+25.13	106+26.11	RT	10.00			
106+31.78	106+32.76	RT	10.00			
106+51.97	107+18.79	RT	103.00			
107+17.62	107+39.76	LT	22.00			
107+84.03	107+95.59	LT	12.00			
108+41.43	108+62.91	RT	21.00			
108+85.89	108+94.36	LT	8.00			
108+89.20	109+99.81	RT	111.00			
109+07.18	109+43.15	LT	36.00			
109+70.41	110+55.88	LT	85.00			
110+14.51	110+65.61	RT	51.00			
111+25.45	111+44.58	RT	19.00			
111+91.31	112+27.69	RT	36.00			
112+77.46	113+12.47	RT	35.00			

CURB & MEDIAN						
LOCATION			COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL) (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (FOOT)	CONCRETE CURB, TYPE B (FOOT)	CONCRETE MEDIAN, TYPE SB-6.12 (SQ FT)
Sta. From	Sta. To	Offset				
135th STREET						
113+74.71	113+99.39	LT	25.00			
113+82.45	113+95.82	RT	13.00			
114+43.34	114+53.59	LT	10.00			
114+91.71	114+97.88	LT	6.00			
116+42.17	116+74.64	RT	48.00			
116+46.48	116+59.59	LT	14.00			
116+70.34	116+72.73	LT	14.00			
117+21.88	117+50.04	RT	44.00			
117+22.21	117+37.47	LT	27.00			
119+93.71	120+20.78	LT	27.00			
119+95.81	120+10.24	RT	14.00			
121+30.62	122+12.14	RT	82.00			
121+61.20	121+80.11	LT	19.00			
122+65.86	122+78.86	LT	13.00			
123+12.08	123+37.31	RT	25.00			
123+51.44	123+80.07	LT	29.00			
124+61.68	125+12.44	RT	51.00			
125+34.81	125+55.37	LT	21.00			
125+36.61	125+56.81	RT	20.00			
125+98.80	126+11.87	RT	13.00			
126+08.32	126+34.27	LT	31.00			
126+58.54	126+65.54	LT	11.00			
126+98.09	127+15.63	LT	18.00			
127+52.56	127+64.50	RT	12.00			
127+72.83	127+86.69	LT	14.00			
127+79.47	127+99.19	RT	33.00			
128+31.72	128+59.07	LT	27.00			
128+51.99	128+60.39	RT	21.00			
128+73.56	129+32.44	RT	59.00			
128+91.81	129+20.73	LT	29.00			
129+80.36	130+45.81	RT	65.00			
129+80.93	129+93.50	LT	13.00			
130+15.21	130+41.06	LT	26.00			
130+68.07	130+73.73	LT	11.00			
130+95.10	131+21.10	RT	26.00			
130+98.41	131+16.40	LT	23.00			
131+37.57	131+46.17	LT	9.00			
131+70.40	131+83.77	RT	13.00			
132+08.38	132+22.78	LT	14.00			
132+11.02	132+23.85	RT	13.00			
132+75.99	133+68.28	RT	93.00			
132+91.60	132+99.58	LT	8.00			
133+83.73	134+12.37	LT	38.00			
133+99.09	134+12.11	RT	13.00			
134+42.43	134+59.88	LT	26.00			
135+12.50	135+25.97	LT	13.00			
135+69.01	136+02.72	RT	34.00			
135+77.41	135+97.49	LT	20.00			
136+94.05	137+36.32	LT	42.00			
137+07.75	137+70.82	RT	63.00			
137+60.94	137+73.77	LT	13.00			
138+12.17	138+52.16	RT	40.00			
138+65.84	138+92.21	LT	26.00			
139+12.83	139+27.85	RT	46.00			
139+23.06	139+83.30	LT	60.00			
139+45.09	139+45.37	RT	7.00			
139+57.84	139+57.86	RT	7.00			
139+74.95	139+82.16	RT	25.00			
140+39.31	140+92.22	RT	53.00			
140+60.85	140+77.63	LT	22.00			
140+96.31	141+11.80	LT	21.00			

FILE NAME = 18R1086_02-SCHD-01 - P01	USER NAME =	DESIGNED -- MPN	REVISED -- 09-19-23
		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- RG	REVISED --
	PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

135TH STREET ROADWAY RESURFACING SUMMARY OF SCHEDULES				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0282	20-00069-00-BT	WILL	76	11
				CONTRACT NO. 61J80				
SCALE: NONE				SHEET NO. 11	OF 76 SHEETS	STA.	TO STA.	
				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT APMT(963)		

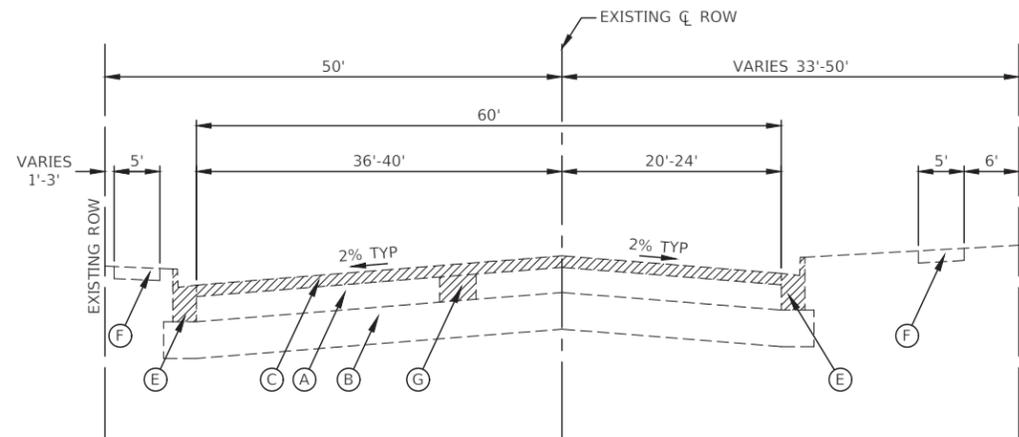
CURB & MEDIAN						
LOCATION			COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL) (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (FOOT)	CONCRETE CURB, TYPE B (FOOT)	CONCRETE MEDIAN, TYPE SB-6.12 (SQ FT)
Sta. From	Sta. To	Offset				
135th STREET						
141+89.61	142+58.44	RT	69.00			
142+24.33	142+40.61	LT	16.00			
142+53.34	142+67.92	LT	19.00			
142+91.57	143+55.14	LT	70.00			
143+18.08	143+37.34	RT	19.00			
143+74.61	144+05.63	RT	31.00			
144+23.74	144+43.29	LT	19.00			
144+46.89	144+81.81	RT	35.00			
144+64.44	145+35.85	LT	71.00			
144+95.04	145+73.20	RT	78.00			
145+56.63	145+87.01	LT	30.00			
146+64.62	147+10.86	RT	53.00			
146+90.57	147+14.48	LT	46.00			
147+45.84	147+69.03	RT	28.00			
147+48.25	147+71.17	LT	45.00			
148+20.91	148+98.50	RT	78.00			
149+70.13	149+90.87	LT	21.00			
150+32.83	150+50.43	LT	18.00			
151+26.73	151+50.50	RT	24.00			
151+75.76	152+10.15	RT	34.00			
151+87.85	152+07.67	LT	20.00			
152+51.53	152+78.35	LT	27.00			
153+16.21	153+47.43	LT	31.00			
153+79.47	153+96.53	RT	17.00			
153+92.92	154+12.35	LT	19.00			
154+85.58	155+00.33	RT	15.00			
155+44.91	155+61.03	LT	16.00			
155+89.07	156+21.18	LT	32.00			
157+07.79	157+18.71	LT	11.00			
157+41.47	157+51.13	RT	10.00			
157+42.52	157+56.22	LT	14.00			
157+51.13	157+60.79	RT		22.00		
157+56.22	157+65.76	LT		23.00		
157+87.42	158+28.25	RT		56.00		
157+93.06	158+02.31	LT		23.00		
158+02.31	158+10.44	LT	8.00			
158+53.04	158+95.28	RT		42.00		
159+03.40	159+52.81	LT	49.00			
159+28.43	159+59.68	RT		31.00		
159+51.13	160+29.44	LT	39.00			
160+21.77	161+05.28	RT		84.00		
160+55.56	163+02.35	LT	247.00			
161+30.64	162+54.15	RT		134.00		
162+80.22	163+26.66	RT		55.00		
163+67.73	164+02.65	LT	35.00			
164+56.56	164+73.42	LT	17.00			
164+94.71	165+08.67	RT		14.00		
165+01.49	165+48.26	LT	47.00			
165+90.75	166+12.12	LT	21.00			
167+51.52	167+77.98	LT	26.00			
167+60.79	167+73.85	RT		12.00		
167+79.96	167+82.26	RT		7.00		
168+08.33	168+32.42	RT		30.00		
168+63.65	168+91.91	LT	28.00			
169+74.33	170+03.11	LT	29.00			
170+23.59	170+46.17	RT		28.00		
170+35.57	170+51.63	LT	16.00			
170+72.33	170+93.88	RT		28.00		
170+93.31	170+99.73	LT	6.00			
172+17.06	172+42.16	LT	25.00			
172+89.29	173+01.68	RT		12.00		

CURB & MEDIAN						
LOCATION			COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL) (FOOT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL) (FOOT)	CONCRETE CURB, TYPE B (FOOT)	CONCRETE MEDIAN, TYPE SB-6.12 (SQ FT)
Sta. From	Sta. To	Offset				
135th STREET						
172+92.44	173+17.68	LT	25.00			
173+45.91	173+84.97	RT		39.00		
174+90.40	175+08.63	LT	18.00			
175+51.10	175+73.46	RT		32.00		
175+53.95	176+06.76	LT	53.00			
176+00.52	176+21.62	RT		33.00		
176+53.60	176+58.00	LT	4.00			
176+61.03	177+16.09	RT		55.00		
177+26.27	177+33.72	RT		12.00		
177+72.02	177+87.22	RT		15.00		
178+93.49	179+37.75	LT	44.00			
179+08.44	179+47.65	RT	39.00			
179+65.11	179+97.60	RT	32.00			
179+74.25	179+88.42	LT	14.00			
180+23.77	181+04.48	RT	81.00			
181+15.44	181+20.43	RT		9.00		
181+45.67	181+49.49	RT		8.00		
181+96.04	182+52.68	RT	57.00			
182+16.31	182+61.25	LT	45.00			
183+19.00	183+35.75	RT	17.00			
183+68.79	183+86.82	LT	18.00			
183+74.18	184+18.31	RT	44.00			
184+59.08	184+75.08	LT	16.00			
184+70.63	184+79.40	RT	9.00			
185+14.47	185+38.12	RT	24.00			
185+22.68	186+05.65	LT	83.00			
185+77.82	185+88.56	RT	11.00			
186+16.98	186+50.33	RT	33.00			
186+63.31	187+24.28	RT	61.00			
186+73.12	186+81.47	RT		18.00		
187+15.55	187+21.22	RT		17.00		
187+35.64	187+46.33	RT	11.00			
187+67.03	187+91.15	LT	24.00			
187+73.91	188+11.40	RT	37.00			
188+02.34	188+20.56	LT	18.00			
188+68.06	189+10.43	RT	42.00			
188+88.41	189+40.84	LT	52.00			
189+51.52	190+86.58	RT	135.00			
189+77.45	190+09.12	LT	32.00			
191+56.96	192+27.25	RT	70.00			
192+54.97	193+06.75	RT	52.00			
192+83.56	193+06.57	LT		23.00		
193+26.50	193+64.50	RT	38.00			
193+28.96	193+63.43	LT		34.00		
194+17.75	195+01.23	LT		83.00		
194+22.50	194+44.48	RT		25.00		
194+81.53	194+99.00	RT		20.00		
195+17.13	198+03.12	RT		286.00		
196+22.71	196+98.42	LT		75.00		
197+44.75	197+93.60	LT		49.00		
198+15.33	198+46.06	RT		31.00		
198+52.17	199+15.67	LT		63.00		
198+65.95	199+13.91	RT		49.00		
TOTALS			6047.00	2406.00	53.00	120.00

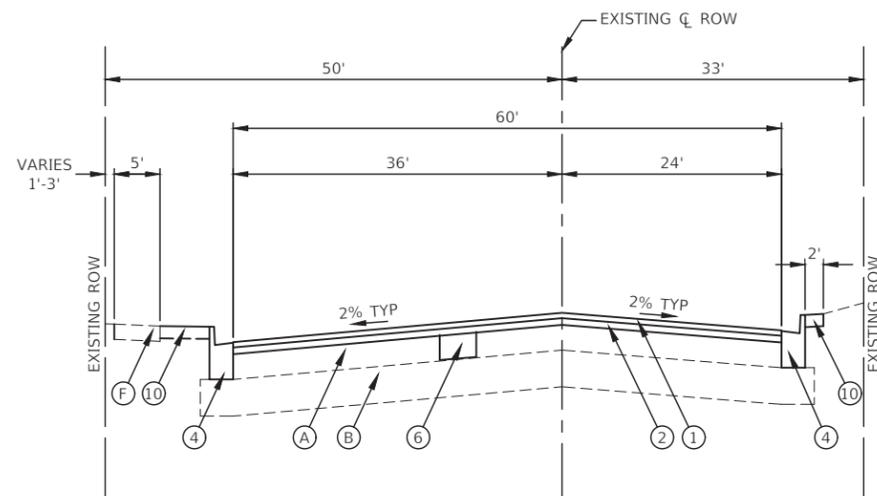
FILE NAME = 18R1086_02-SCHD-01 - P02	USER NAME =	DESIGNED -- MPN	REVISED -- 09-19-23
		CHECKED -- WD	REVISED --
	PLOT SCALE =	DRAWN -- RG	REVISED --
	PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

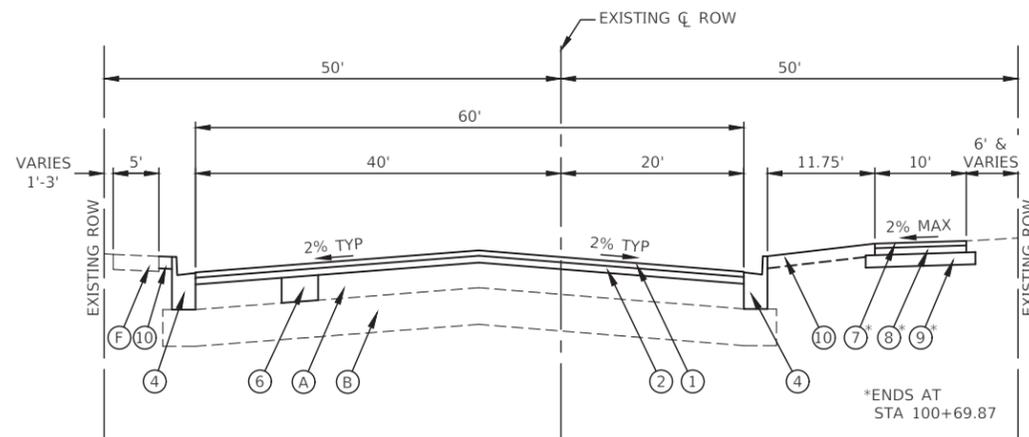
135TH STREET ROADWAY RESURFACING SUMMARY OF SCHEDULES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		0282	20-00069-00-BT	WILL	76	12
		CONTRACT NO. 61J80				
SCALE: NONE	SHEET NO. 12 OF 76 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1	ILLINOIS FED. AID PROJECT APMT(993)



EXISTING TYPICAL SECTION
135TH STREET
STA 87+63.09 TO STA 102+74.03



PROPOSED TYPICAL SECTION
135TH STREET
STA 87+63.09 TO STA 91+78.56



PROPOSED TYPICAL SECTION
135TH STREET
STA 97+01.89 TO STA 102+74.03

EXISTING LEGEND

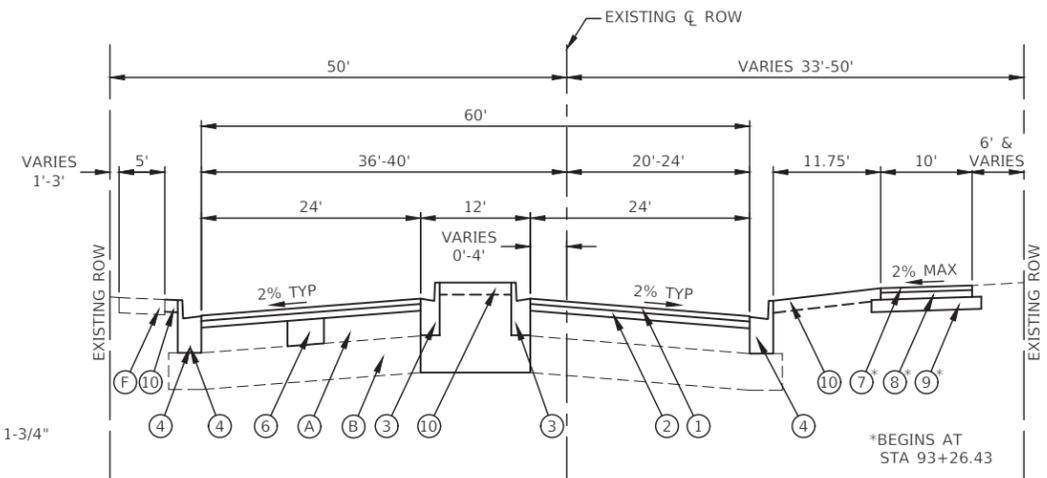
- (A) EXISTING PAVEMENT, 12" TO 18"±
- (B) EXISTING AGGREGATE SUBBASE, 12"±
- (C) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- (D) EXISTING CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING CURB AND GUTTER, TYPE B-6.18
- (F) EXISTING SIDEWALK (SEE PLANS FOR LOCATIONS)
- (G) PAVEMENT REMOVAL FOR CLASS D PATCHES, 10 INCH
- ▨ ITEM TO BE REMOVED (AS DIRECTED BY ENGINEER)

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1-3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- (5) P.C.C. SIDEWALK, 5" (SEE PLANS FOR LOCATIONS)
- (6) CLASS D PATCH, 10 INCH (AS DIRECTED BY ENGINEER)
- (7) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1-1/2"
- (8) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
- (9) AGGREGATE BASE COURSE, TYPE B 4"
- (10) SEEDING, COMPLETE (TOPSOIL FURNISH AND PLACE SEEDING, CLASS 1A, EROSION CONTROL BLANKET)
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 4"

NOTE

1. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER COURSE, IL-19.0, N70.
2. CLASS D PAVEMENT PATCHES SHALL BE PERFORMED AFTER MILLING.



PROPOSED TYPICAL SECTION
135TH STREET
STA 91+78.56 TO STA 97+01.89

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
ROADWAY RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 1 3/4"	4% @ 70 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"	4% @ 70 Gyr.	LR 1030-2
HOT-MIX ASPHALT MULTI-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1-1/2"	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"	4% @ 50 Gyr.	LR 1030-2
HMA DRIVEWAY PAVEMENT, 5"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4% @ 50 Gyr.	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 3"	4% @ 50 Gyr.	LR 1030-2
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19mm), 10"	4% @ 70 Gyr.	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR1030-2		

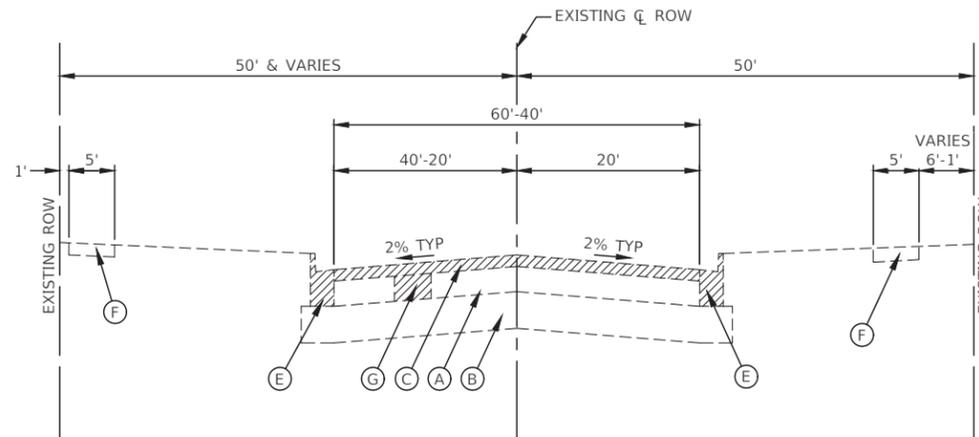
NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE IS 112 LBS/SQ/IN.
2. ALL PATCHING OPERATIONS SHALL TAKE PLACE AFTER SURFACE MILLING HAS BEEN COMPLETED.
3. 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 RECLAIMED MATERIALS SPECIFICATIONS.

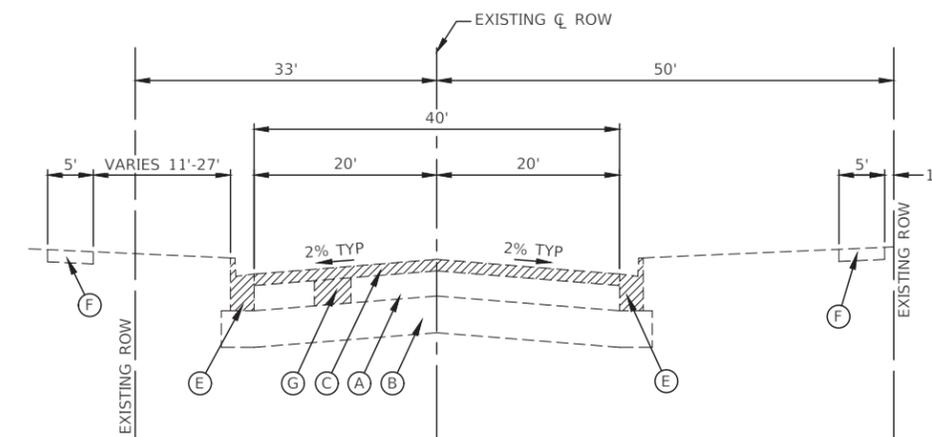
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		CHECKED -- WPD	REVISED --
	PLOT SCALE =	DRAWN -- RG	REVISED --
	PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

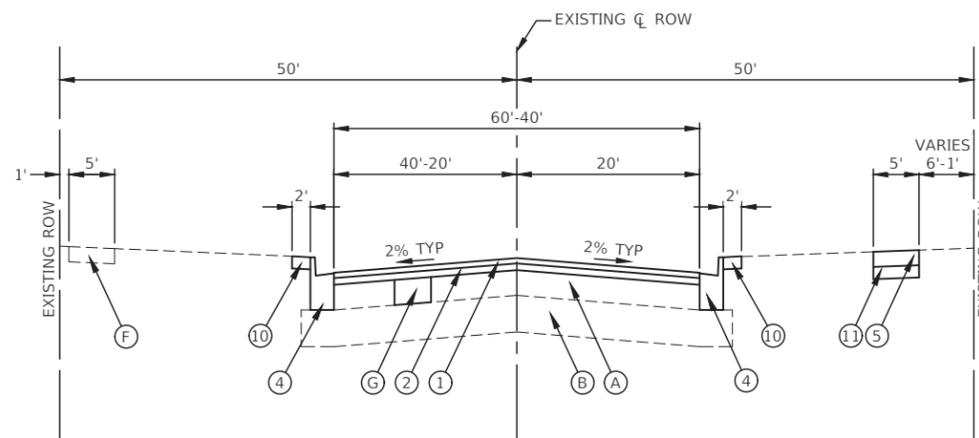
135TH STREET ROADWAY RESURFACING TYPICAL CROSS SECTIONS		F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 13
SCALE:	SHEET NO. 13 OF 76 SHEETS	STA.	TO STA.		CONTRACT NO. 61J80	
		FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	APMT(963)	



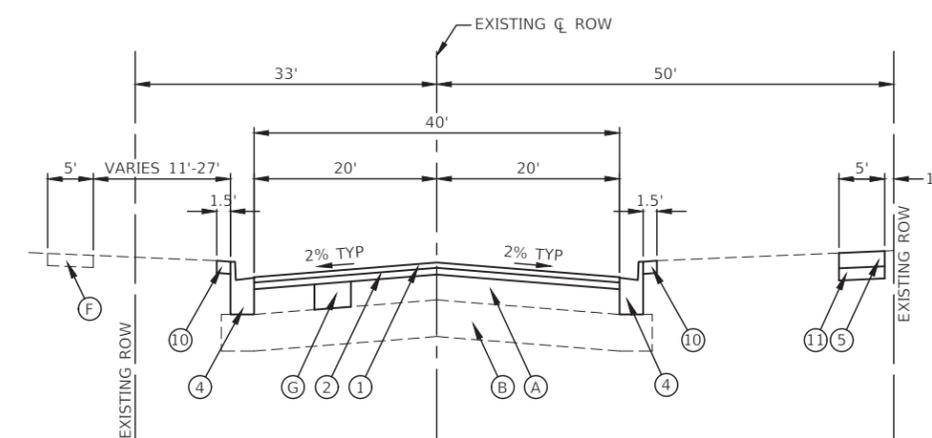
EXISTING TYPICAL SECTION
135TH STREET
STA 102+74.03 TO STA 107+14.02



EXISTING TYPICAL SECTION
135TH STREET
STA 107+14.02 TO STA 116+00



PROPOSED TYPICAL SECTION
135TH STREET
STA 102+74.03 TO STA 107+14.02



PROPOSED TYPICAL SECTION
135TH STREET
STA 107+14.02 TO STA 116+00

EXISTING LEGEND

- (A) EXISTING PAVEMENT, 12" TO 18"±
- (B) EXISTING AGGREGATE SUBBASE, 12"±
- (C) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- (D) EXISTING CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING CURB AND GUTTER, TYPE B-6.18
- (F) EXISTING SIDEWALK (SEE PLANS FOR LOCATIONS)
- (G) PAVEMENT REMOVAL FOR CLASS D PATCHES, 10 INCH
- [Hatched Box] ITEM TO BE REMOVED (AS DIRECTED BY ENGINEER)

NOTE

1. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER COURSE, IL-19.0, N70.
2. CLASS D PAVEMENT PATCHES SHALL BE PERFORMED AFTER MILLING.

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1-3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- (5) P.C.C. SIDEWALK, 5" (SEE PLANS FOR LOCATIONS)
- (6) CLASS D PATCH, 10 INCH (AS DIRECTED BY ENGINEER)
- (7) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1-1/2"
- (8) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
- (9) AGGREGATE BASE COURSE, TYPE B 4"
- (10) SEEDING, COMPLETE (TOPSOIL FURNISH AND PLACE SEEDING, CLASS 1A, EROSION CONTROL BLANKET)
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 4"

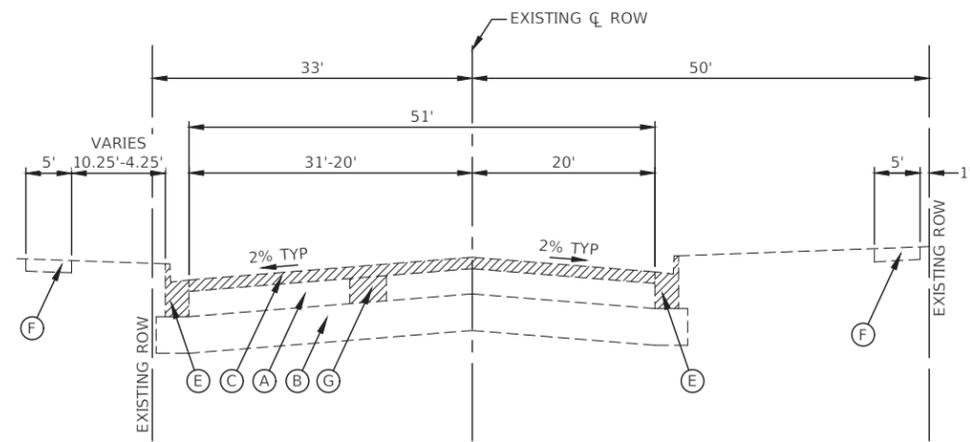
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PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

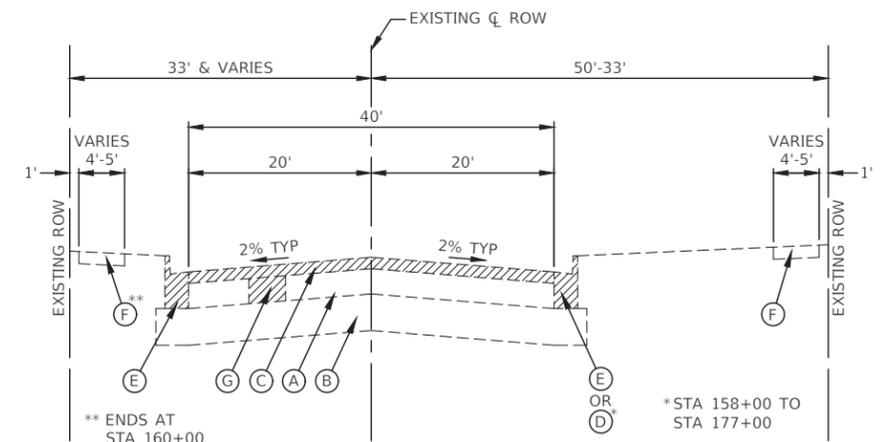
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING TYPICAL CROSS SECTIONS		
SCALE:	SHEET NO. 14 OF 76 SHEETS	STA. TO STA.

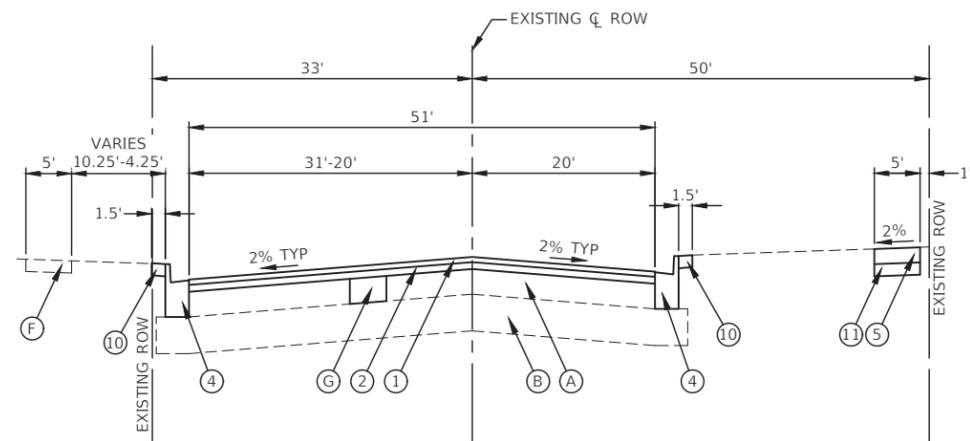
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	14
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



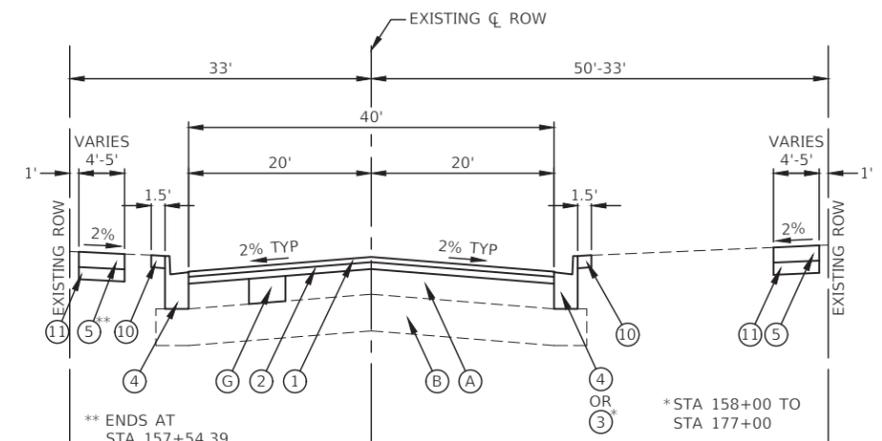
EXISTING TYPICAL SECTION
135TH STREET
STA 116+00 TO STA 120+74.27



EXISTING TYPICAL SECTION
135TH STREET
STA 120+74.27 TO STA 190+54.28



PROPOSED TYPICAL SECTION
135TH STREET
STA 116+00 TO STA 120+74.27



PROPOSED TYPICAL SECTION
135TH STREET
STA 120+74.27 TO STA 158+01.65
STA 159+57.03 RT TO STA 190+54.28
STA 159+64.89 LT TO STA 190+54.28

EXISTING LEGEND

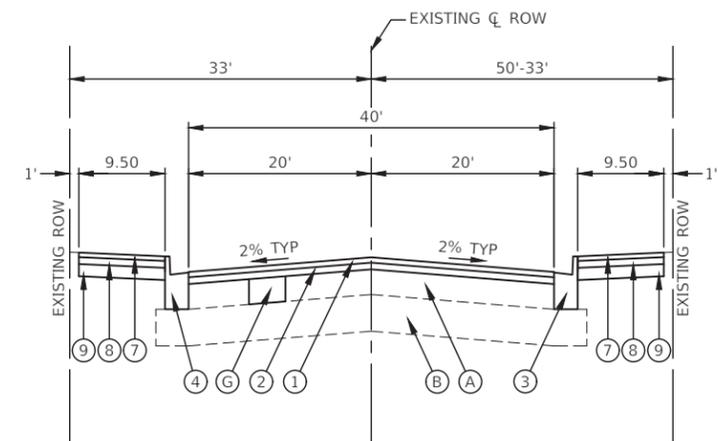
- (A) EXISTING PAVEMENT, 12" TO 18"±
- (B) EXISTING AGGREGATE SUBBASE, 12"±
- (C) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- (D) EXISTING CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING CURB AND GUTTER, TYPE B-6.18
- (F) EXISTING SIDEWALK (SEE PLANS FOR LOCATIONS)
- (G) PAVEMENT REMOVAL FOR CLASS D PATCHES, 10 INCH
- ▨ ITEM TO BE REMOVED (AS DIRECTED BY ENGINEER)

NOTE

1. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER COURSE, IL-19.0, N70.
2. CLASS D PAVEMENT PATCHES SHALL BE PERFORMED AFTER MILLING.

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1-3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- (5) P.C.C. SIDEWALK, 5" (SEE PLANS FOR LOCATIONS)
- (6) CLASS D PATCH, 10 INCH (AS DIRECTED BY ENGINEER)
- (7) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1-1/2"
- (8) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
- (9) AGGREGATE BASE COURSE, TYPE B 4"
- (10) SEEDING, COMPLETE (TOPSOIL FURNISH AND PLACE SEEDING, CLASS 1A, EROSION CONTROL BLANKET)
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 4"



PROPOSED TYPICAL SECTION
135TH STREET
STA 158+01.65 TO STA 159+57.03 RT
STA 158+01.65 TO STA 159+64.89 LT

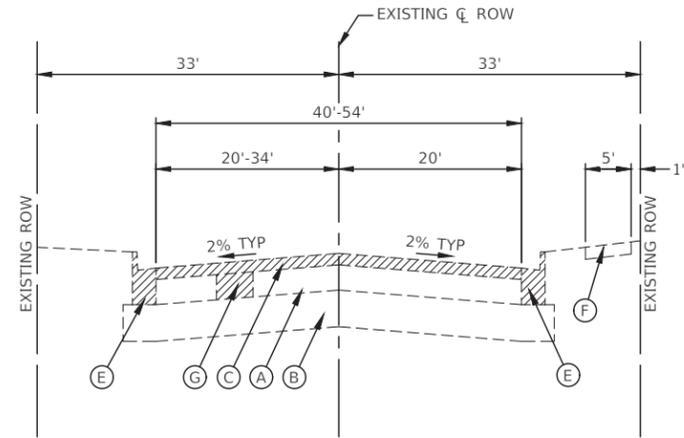
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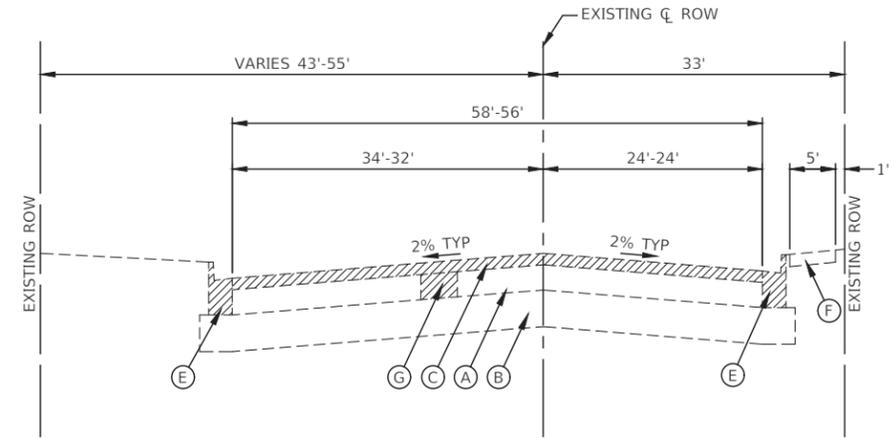
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING TYPICAL CROSS SECTIONS	
SCALE:	SHEET NO. 15 OF 76 SHEETS
	STA. TO STA.

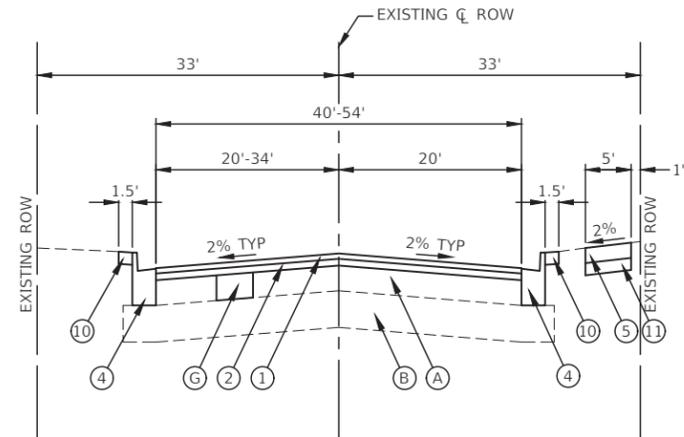
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



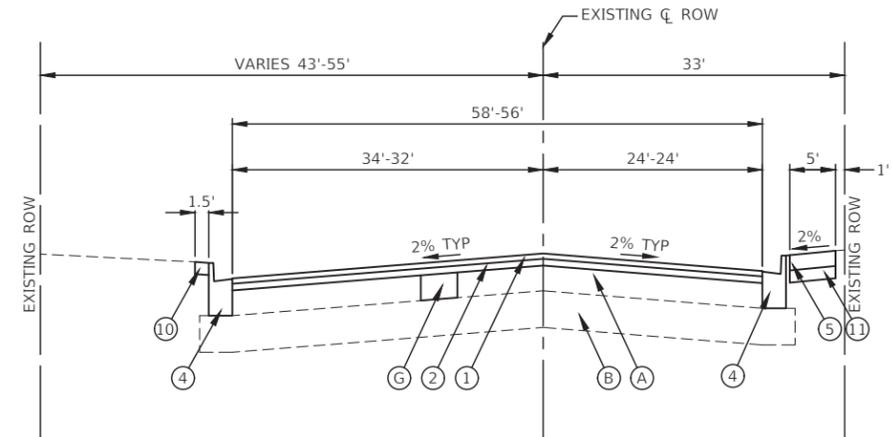
EXISTING TYPICAL SECTION
135TH STREET
STA 190+54.78 TO STA 194+00



EXISTING TYPICAL SECTION
135TH STREET
STA 194+00 TO STA 199+16



PROPOSED TYPICAL SECTION
135TH STREET
STA 190+54.78 TO STA 194+00



PROPOSED TYPICAL SECTION
135TH STREET
STA 194+00 TO STA 199+16

EXISTING LEGEND

- (A) EXISTING PAVEMENT, 12" TO 18"±
- (B) EXISTING AGGREGATE SUBBASE, 12"±
- (C) HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- (D) EXISTING CURB AND GUTTER, TYPE B-6.12
- (E) EXISTING CURB AND GUTTER, TYPE B-6.18
- (F) EXISTING SIDEWALK (SEE PLANS FOR LOCATIONS)
- (G) PAVEMENT REMOVAL FOR CLASS D PATCHES, 10 INCH
- [Hatched Box] ITEM TO BE REMOVED (AS DIRECTED BY ENGINEER)

NOTE

1. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BINDER COURSE, IL-19.0, N70.
2. CLASS D PAVEMENT PATCHES SHALL BE PERFORMED AFTER MILLING.

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 1-3/4"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- (4) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- (5) P.C.C. SIDEWALK, 5" (SEE PLANS FOR LOCATIONS)
- (6) CLASS D PATCH, 10 INCH (AS DIRECTED BY ENGINEER)
- (7) HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 1-1/2"
- (8) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
- (9) AGGREGATE BASE COURSE, TYPE B 4"
- (10) SEEDING, COMPLETE (TOPSOIL FURNISH AND PLACE SEEDING, CLASS 1A, EROSION CONTROL BLANKET)
- (11) SUBBASE GRANULAR MATERIAL, TYPE B 4"

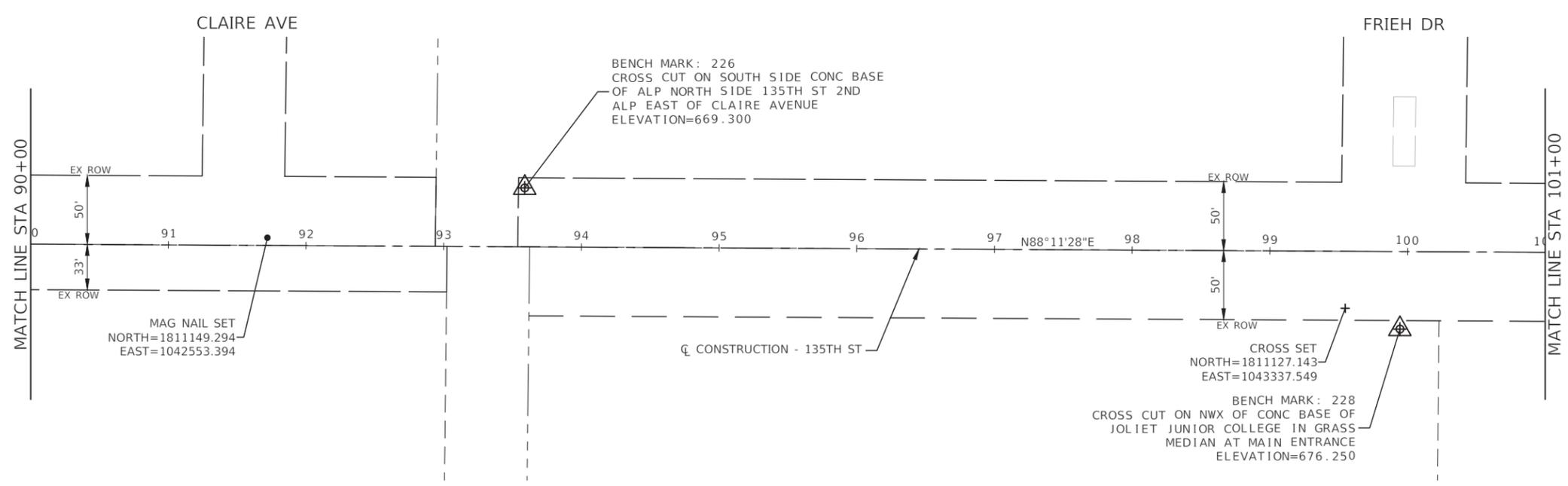
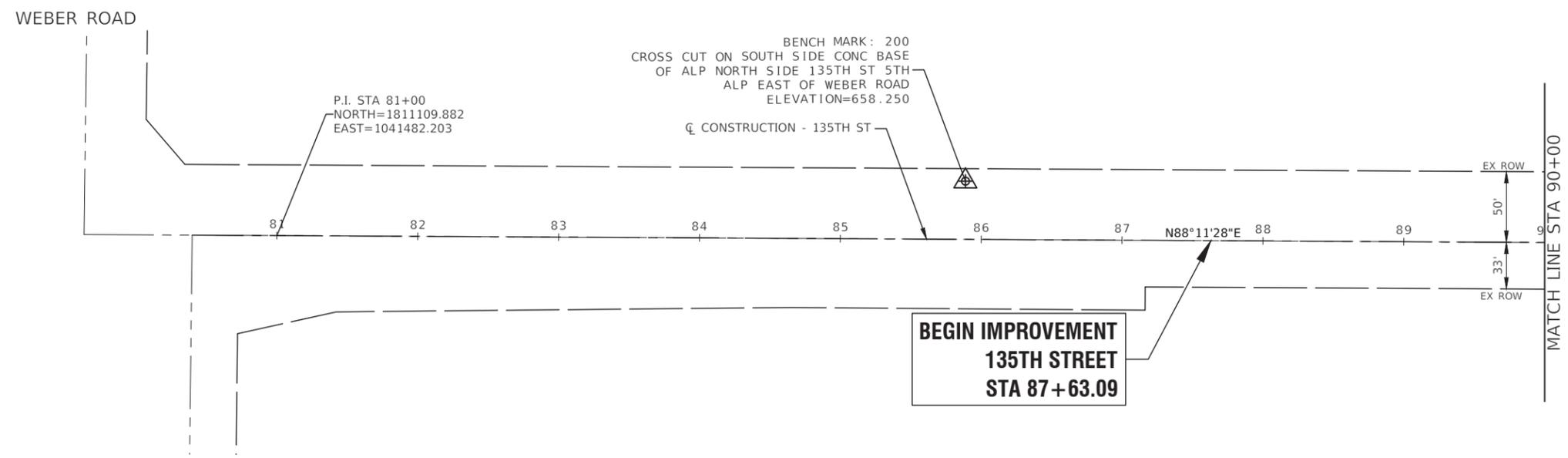
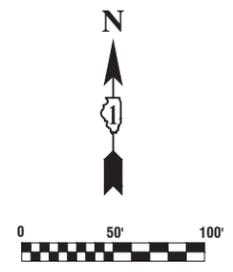
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USER NAME =	DESIGNED -- MPN	REVISED --
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PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

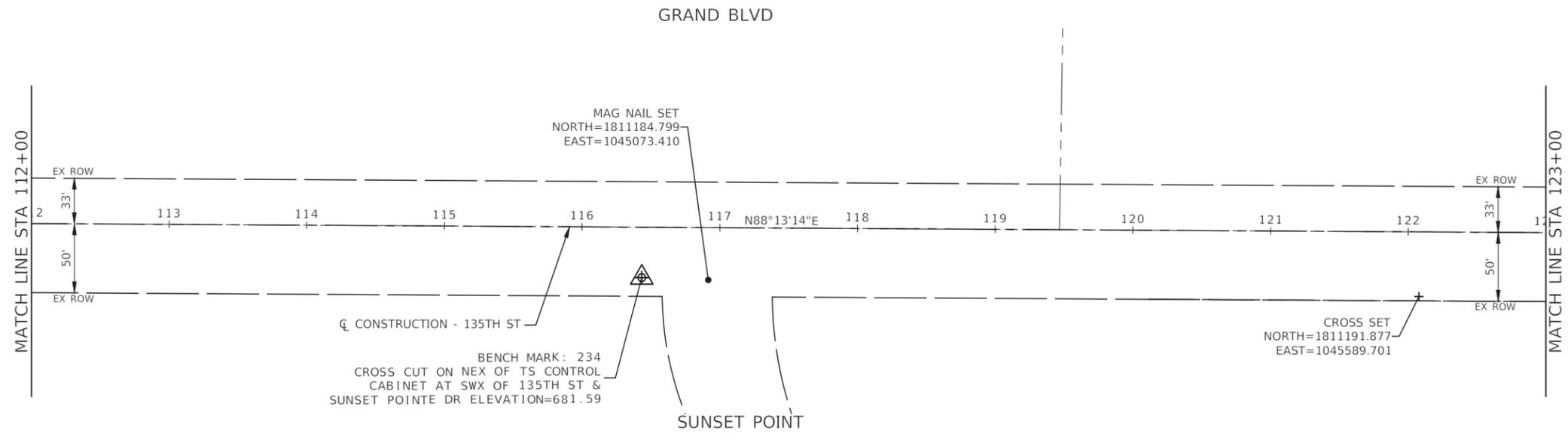
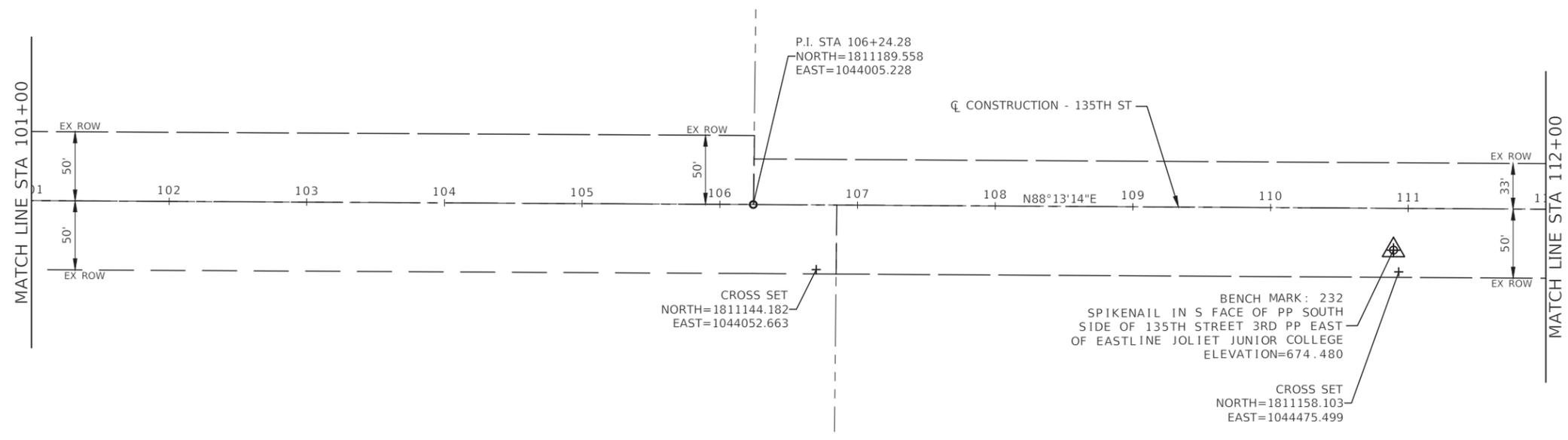
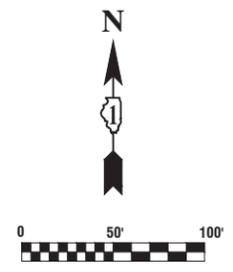
135TH STREET ROADWAY RESURFACING TYPICAL CROSS SECTIONS	
SCALE:	SHEET NO. 16 OF 76 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	16
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(983)				



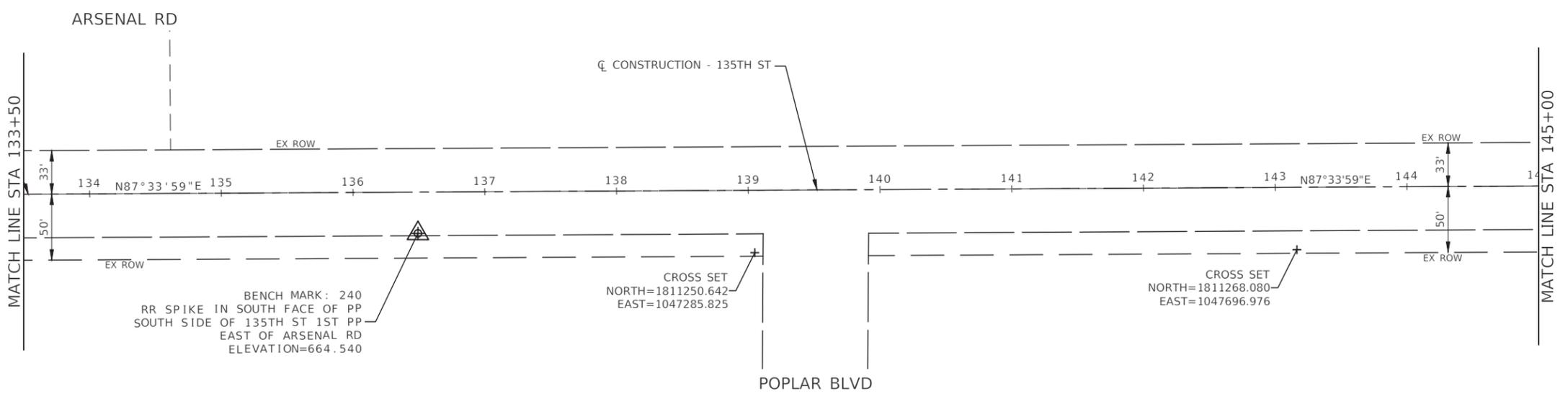
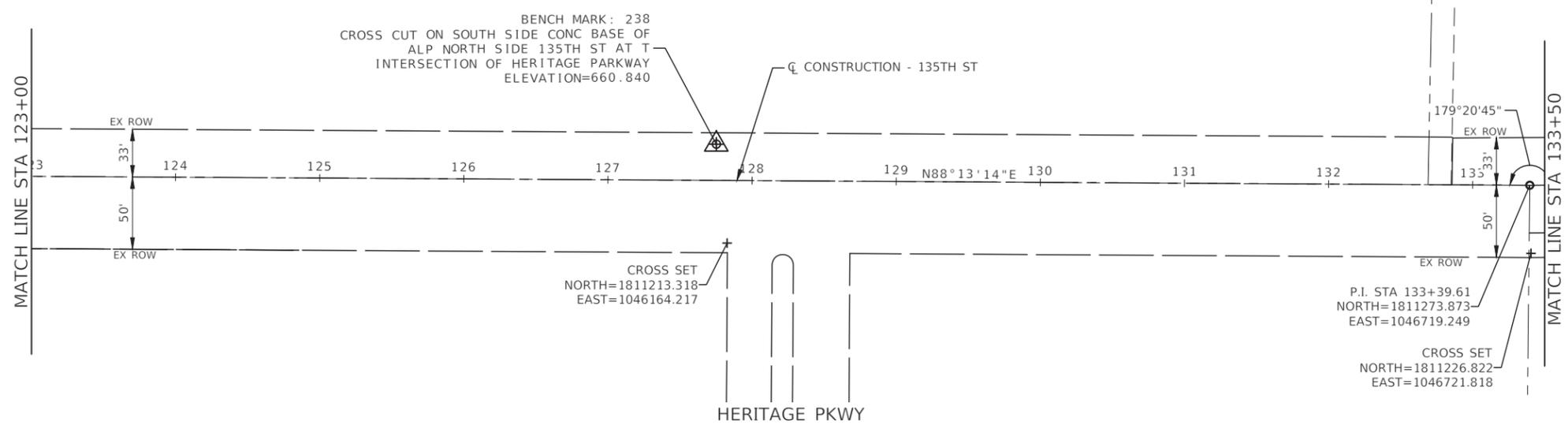
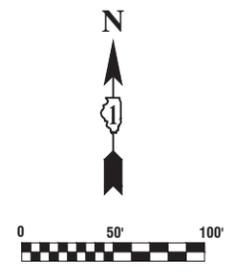
- NOTES**
- COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
 - SURVEY FEET UNITS WERE USED.
 - ALL ELEVATIONS REFER TO NAVD88 DATUM.

FILE NAME = 18R1036_02-TIES-01 - P01	USER NAME =	DESIGNED = MPN	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING TIES AND BENCHMARKS	F.A.U. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
	PLOT SCALE = 1"=50'	CHECKED = WPD	REVISED =			0282	20-00069-00-BT	WILL	76	17
PLOT DATE = 08-07-23	DRAWN = RG	REVISED =	CONTRACT NO. 61J80							
	CHECKED = AG	REVISED =	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)							
SCALE: H 1"=50' V 1"=5'						SHEET NO. 17 OF 76 SHEETS		STA. TO STA.		



- NOTES**
- COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
 - SURVEY FEET UNITS WERE USED.
 - ALL ELEVATIONS REFER TO NAVD88 DATUM.

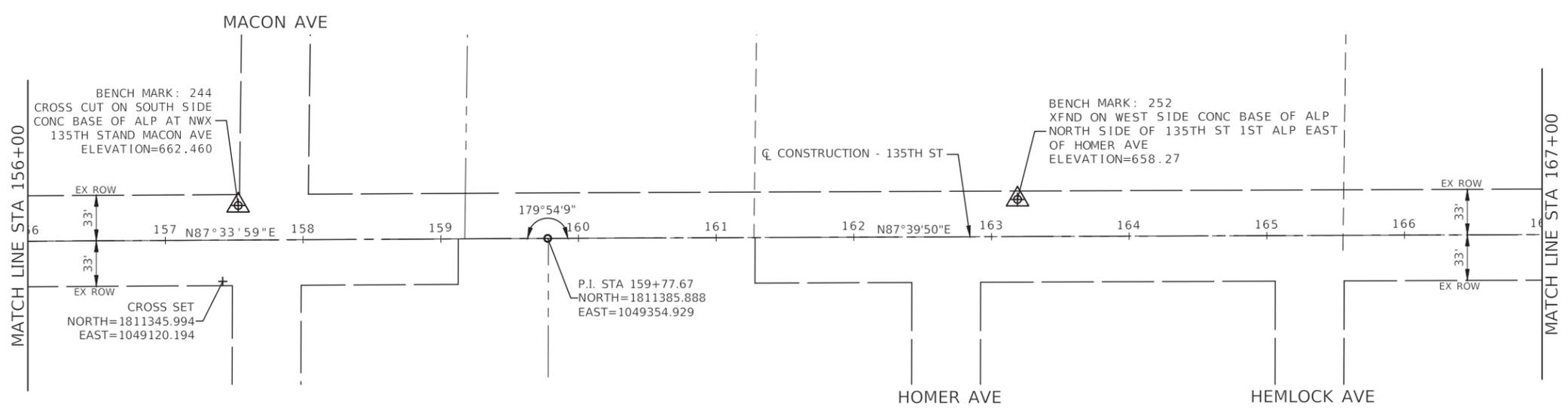
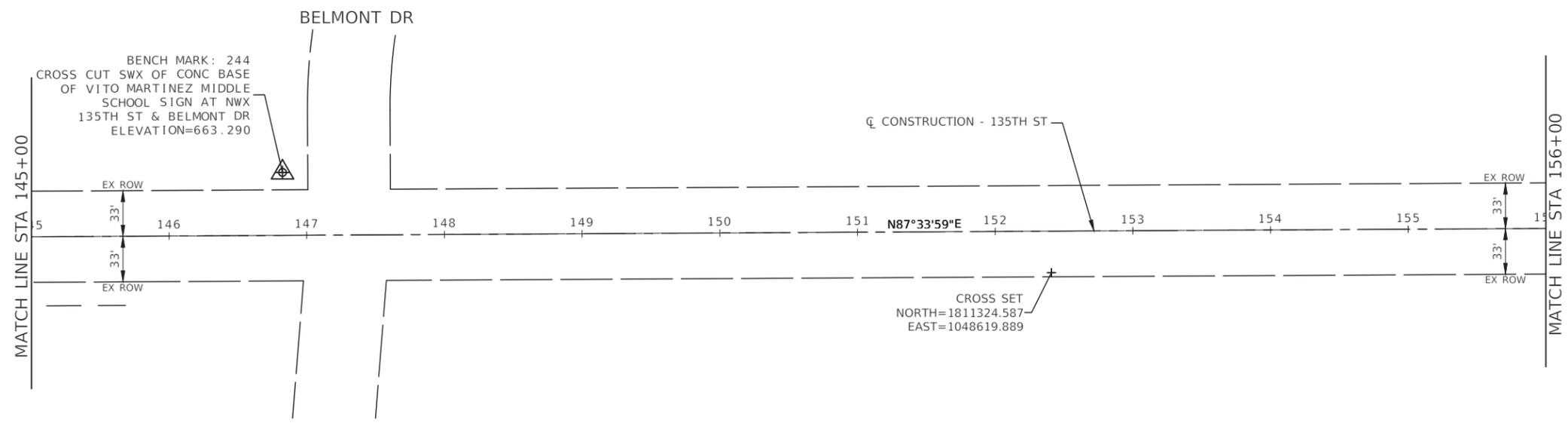
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	PLOT SCALE = 1"=50'	DRAWN = RG	REVISED =			SCALE: H 1"=50' V 1"=5'		SHEET NO. 18 OF 76 SHEETS		STA. TO STA.
PLOT DATE = 08-07-23	CHECKED = AG	REVISED =		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT APMT(993)		



NOTES

1. COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
2. SURVEY FEET UNITS WERE USED.
3. ALL ELEVATIONS REFER TO NAVD88 DATUM.

FILE NAME = 18R1086_02-TIES-01 - P03	USER NAME =	DESIGNED = MPN	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING TIES AND BENCHMARKS	F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 19	
PLOT SCALE = 1"=50'	DRAWN = RG	REVISED =	SCALE: H 1"=50' V 1"=5'			SHEET NO. 19 OF 76 SHEETS	STA. TO STA.	CONTRACT NO. 61J80			
PLOT DATE = 08-07-23	CHECKED = AG	REVISED =	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)								



NOTES

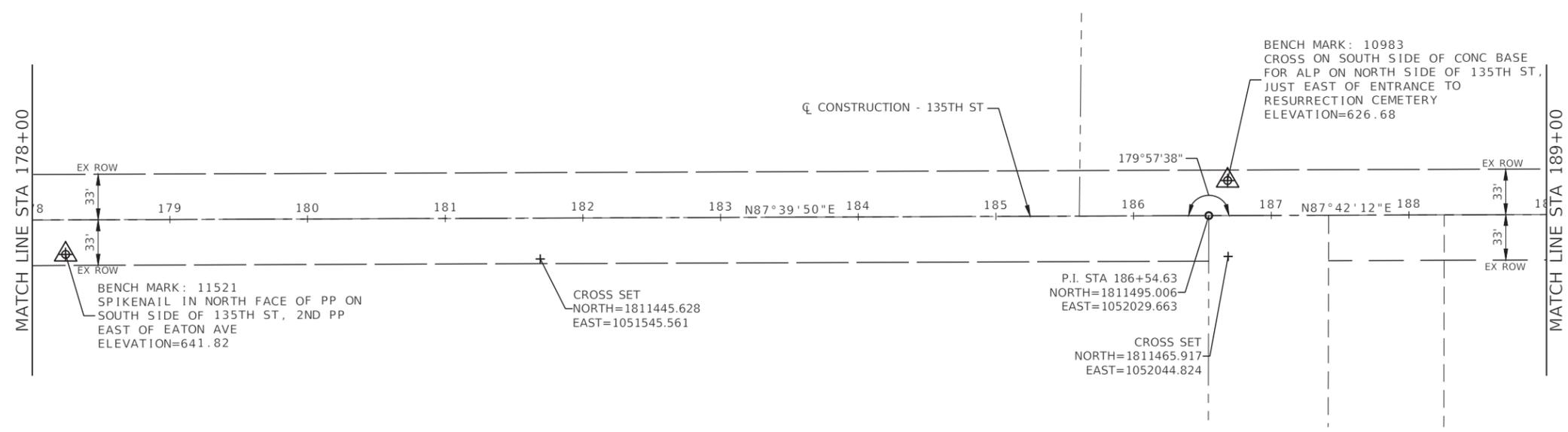
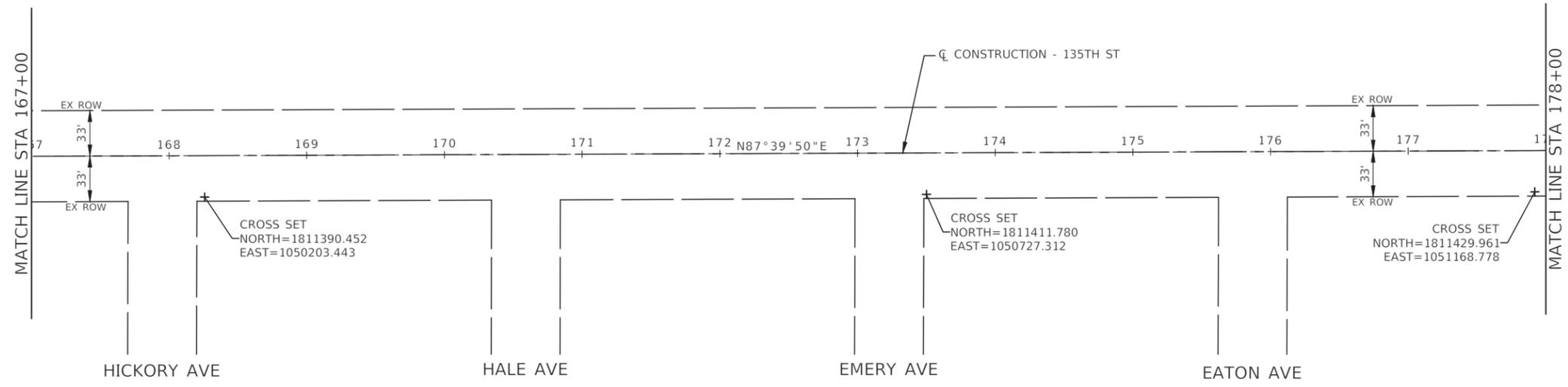
1. COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
2. SURVEY FEET UNITS WERE USED.
3. ALL ELEVATIONS REFER TO NAVD88 DATUM.

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		CHECKED = WPD	REVISED =
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

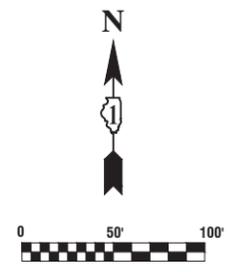
135TH STREET ROADWAY RESURFACING TIES AND BENCHMARKS			
SCALE: H 1"=50' V 1"=5'	SHEET NO. 20	OF 76 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	20
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



- NOTES**
- COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
 - SURVEY FEET UNITS WERE USED.
 - ALL ELEVATIONS REFER TO NAVD88 DATUM.

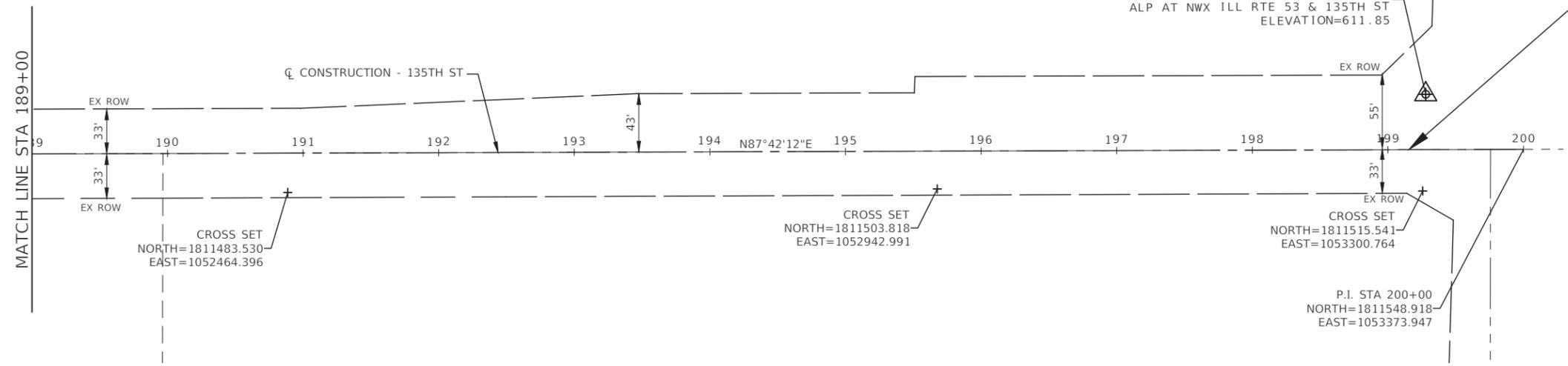
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	PLOT SCALE = 1"=50'	CHECKED = WPD	REVISED =			0282	20-00069-00-BT	WILL	76	21
PLOT DATE = 08-07-23	DRAWN = RG	REVISED =	SCALE: H 1"=50' V 1"=5'			SHEET NO. 21 OF 76 SHEETS STA. TO STA.				
	CHECKED = AG	REVISED =	CONTRACT NO. 61J80							
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



IL RTE 53

**END IMPROVEMENT
135TH STREET
STA 199+16**

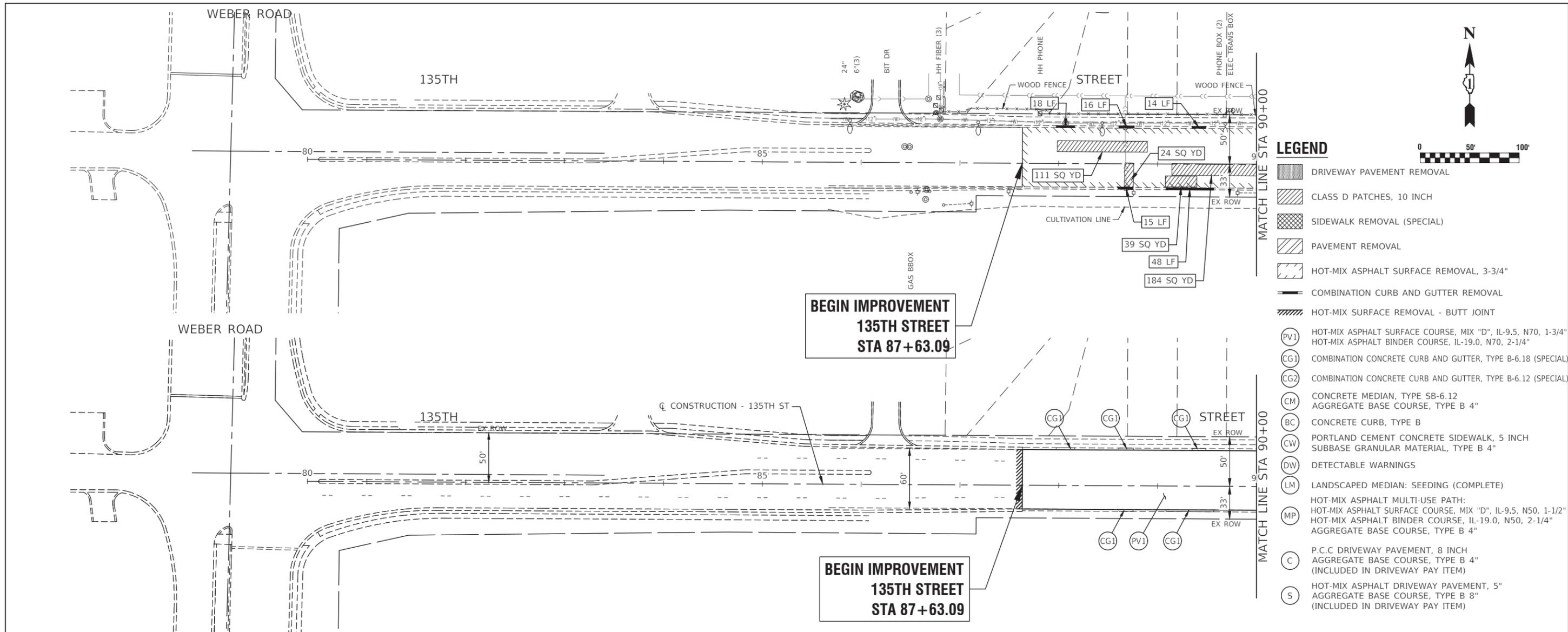
BENCH MARK: 10308
SQUARE ON EAST SIDE OF CONC BASE FOR
ALP AT NWX ILL RTE 53 & 135TH ST
ELEVATION=611.85



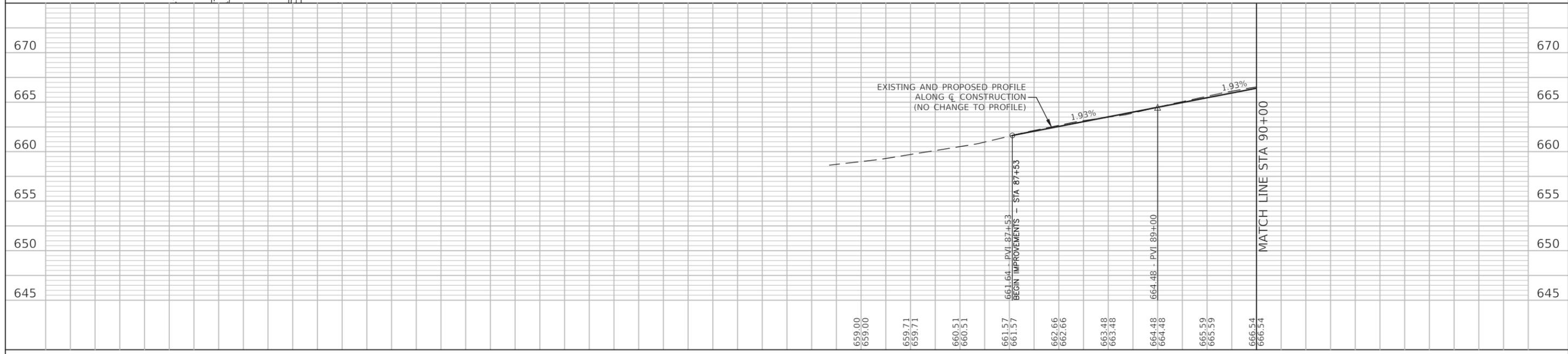
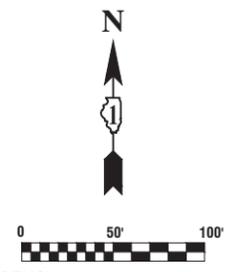
NOTES

1. COORDINATES ARE BASED ON ILLINOIS STATE PLANE EASTERN ZONE NORTH AMERICAN DATUM 1983
2. SURVEY FEET UNITS WERE USED.
3. ALL ELEVATIONS REFER TO NAVD88 DATUM.

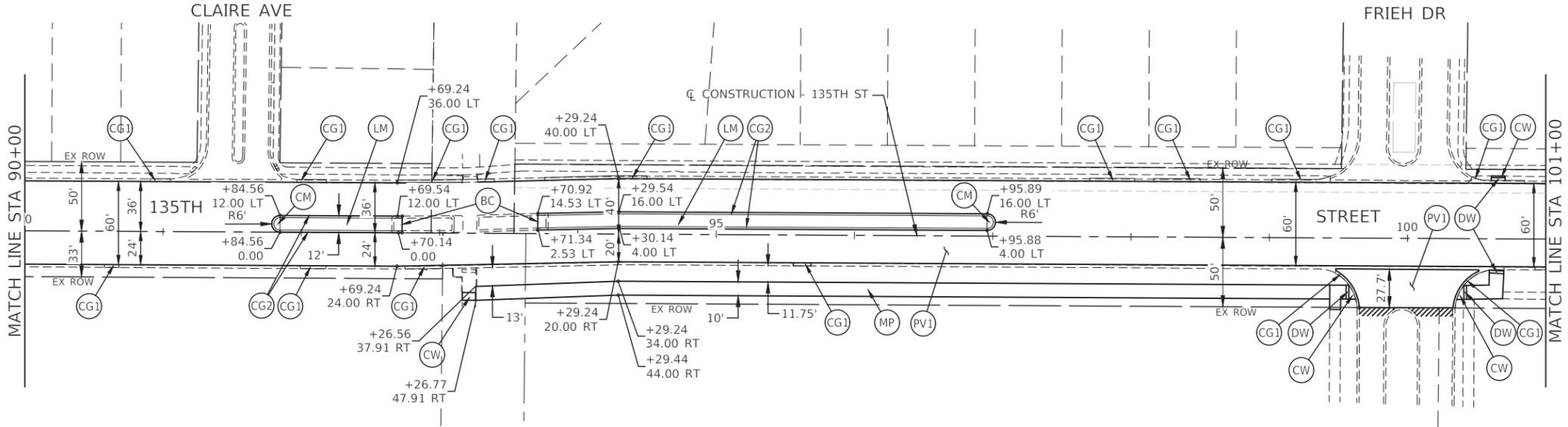
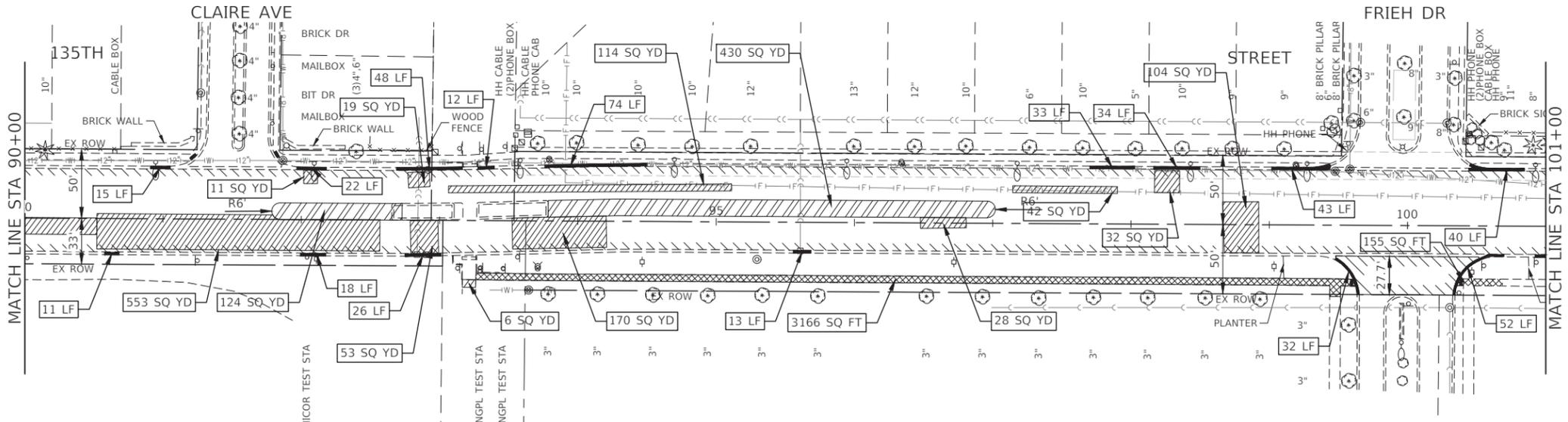
FILE NAME = 18R1036_02-TIES-01 - P06	USER NAME =	DESIGNED = MPN	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING TIES AND BENCHMARKS	F.A.U. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
		CHECKED = WPD	REVISED =			0282	20-00069-00-BT	WILL	76	22	
	PLOT SCALE = 1"=50'	DRAWN = RG	REVISED =			CONTRACT NO. 61J80					
	PLOT DATE = 08-07-23	CHECKED = AG	REVISED =			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)					



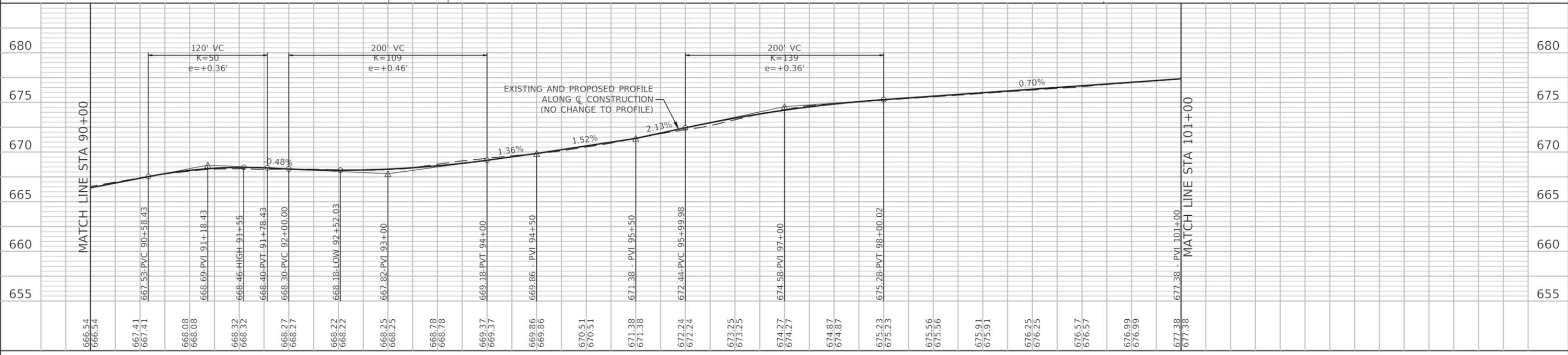
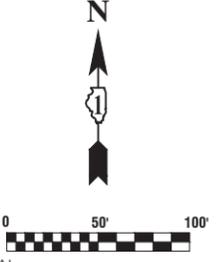
- LEGEND**
- DRIVEWAY PAVEMENT REMOVAL
 - CLASS D PATCHES, 10 INCH
 - SIDEWALK REMOVAL (SPECIAL)
 - PAVEMENT REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - HOT-MIX SURFACE REMOVAL - BUTT JOINT
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
 - CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
 - CONCRETE CURB, TYPE B
 - PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - DETECTABLE WARNINGS
 - LANDSCAPED MEDIAN: SEEDING (COMPLETE)
 - HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
 - P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
 - HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)



FILE NAME = 18R1036_02-PLPR-01 - PLPR01	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE	F.A.U. RTE. = 0282	SECTION = 20-00069-00-BT	COUNTY = WILL	TOTAL SHEETS = 76	SHEET NO. = 23	
	PLOT SCALE = H 1"=50' V 1"=5'	DRAWN - RG	REVISED -			SCALE: H 1"=50' V 1"=5' SHEET NO. 23 OF 76 SHEETS STA. TO STA.					
	PLOT DATE = 08-07-23	CHECKED - AG	REVISED -			CONTRACT NO. 61J80					
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)											



- LEGEND**
- DRIVEWAY PAVEMENT REMOVAL
 - CLASS D PATCHES, 10 INCH
 - SIDEWALK REMOVAL (SPECIAL)
 - PAVEMENT REMOVAL
 - HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
 - COMBINATION CURB AND GUTTER REMOVAL
 - HOT-MIX SURFACE REMOVAL - BUTT JOINT
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
 - COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
 - CONCRETE MEDIAN, TYPE SB-6.12
 - AGGREGATE BASE COURSE, TYPE B 4"
 - CONCRETE CURB, TYPE B
 - PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
 - SUBBASE GRANULAR MATERIAL, TYPE B 4"
 - DETECTABLE WARNINGS
 - LANDSCAPED MEDIAN: SEEDING (COMPLETE)
 - HOT-MIX ASPHALT MULTI-USE PATH:
 - HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
 - HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
 - AGGREGATE BASE COURSE, TYPE B 4"
 - P.C.C DRIVEWAY PAVEMENT, 8 INCH
 - AGGREGATE BASE COURSE, TYPE B 4"
 - (INCLUDED IN DRIVEWAY PAY ITEM)
 - HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
 - AGGREGATE BASE COURSE, TYPE B 8"
 - (INCLUDED IN DRIVEWAY PAY ITEM)

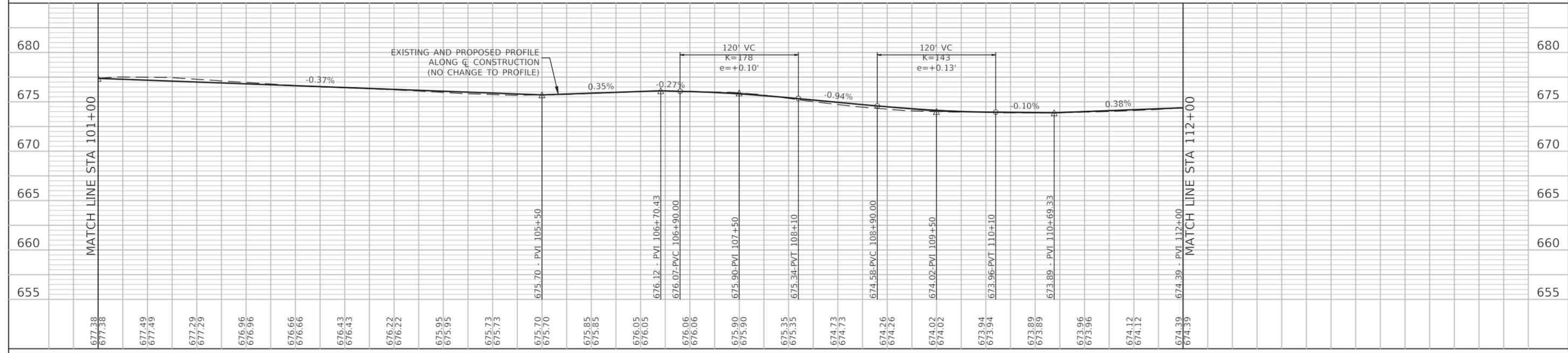
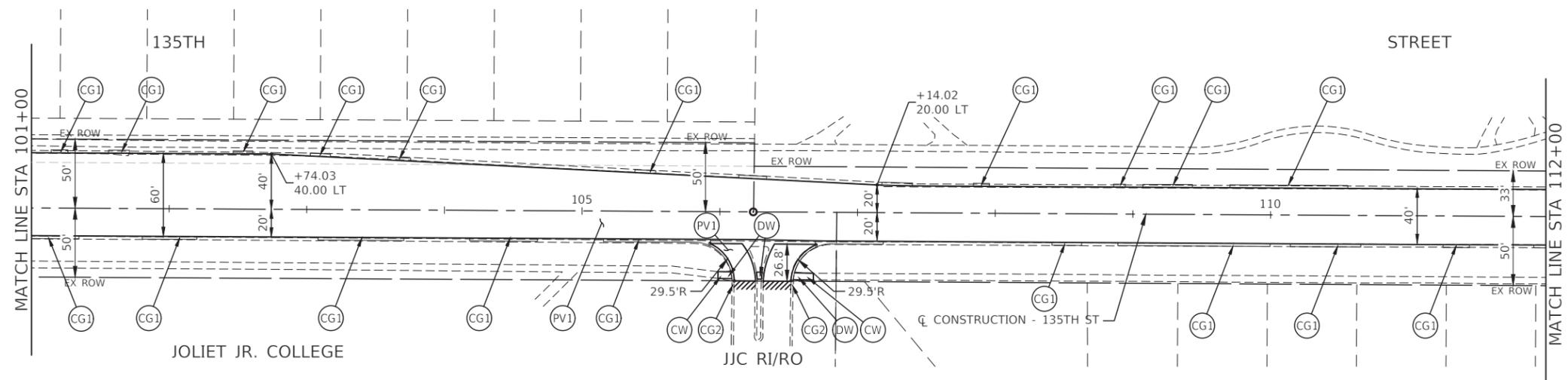
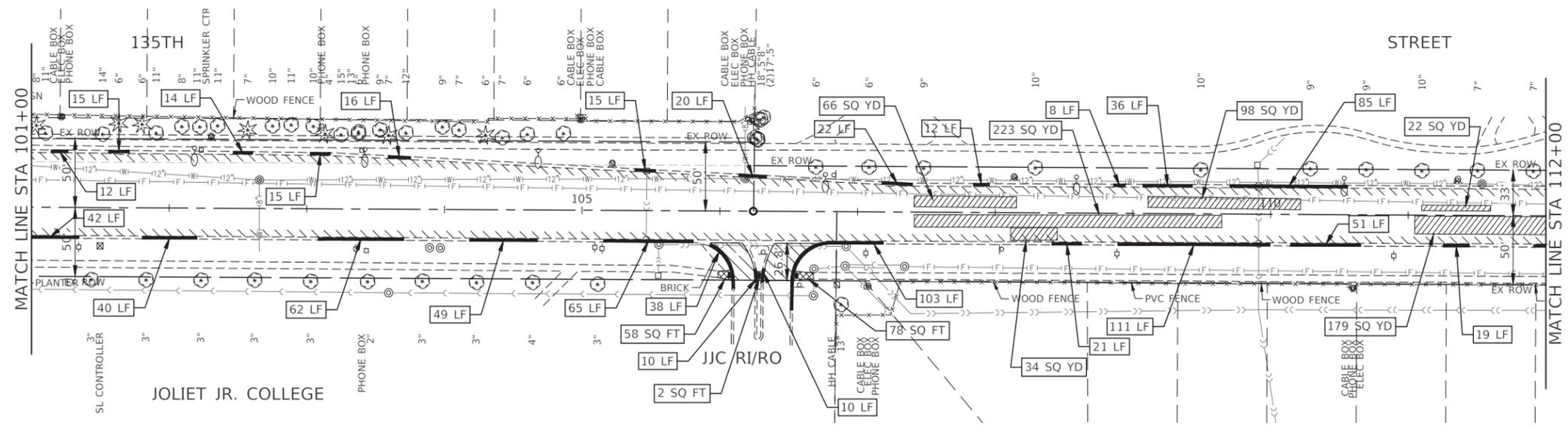


FILE NAME = 18R1036_02-PLPR-01 - PLPR02	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE		F.A.U. RTE. = 0282	SECTION = 20-00069-00-BT	COUNTY = WILL	TOTAL SHEETS = 76	SHEET NO. = 24	
	PLOT SCALE = H 1"=50' V 1"=5'	DRAWN - RG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 24	OF 76 SHEETS	STA. TO STA.	CONTRACT NO. 61J80			
	PLOT DATE = 08-07-23	CHECKED - AG	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(963)							



LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 10 INCH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
- CONCRETE CURB, TYPE B
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
- DETECTABLE WARNINGS
- LANDSCAPED MEDIAN: SEEDING (COMPLETE)
- HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
- P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)

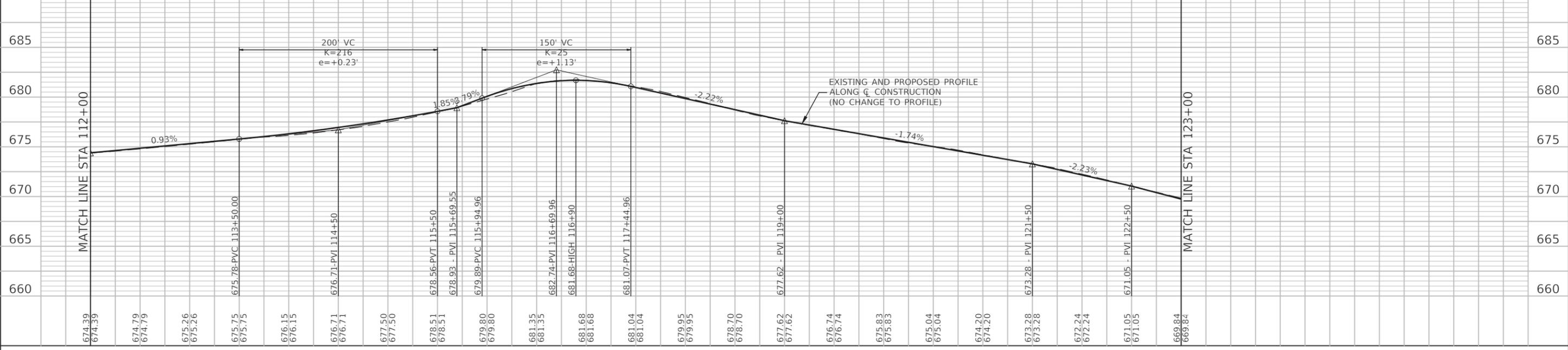
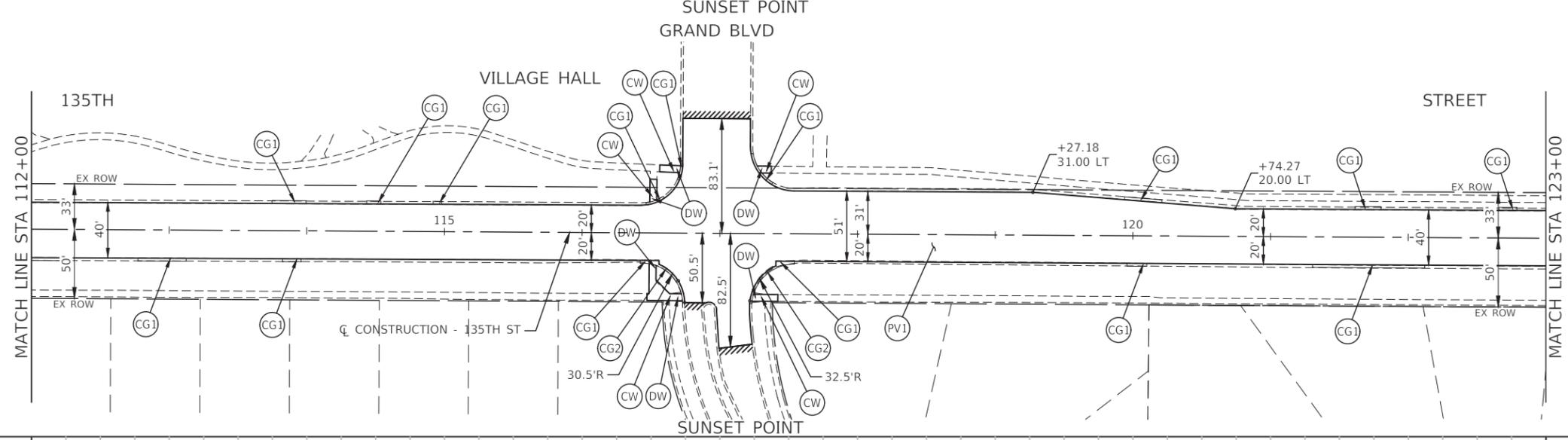
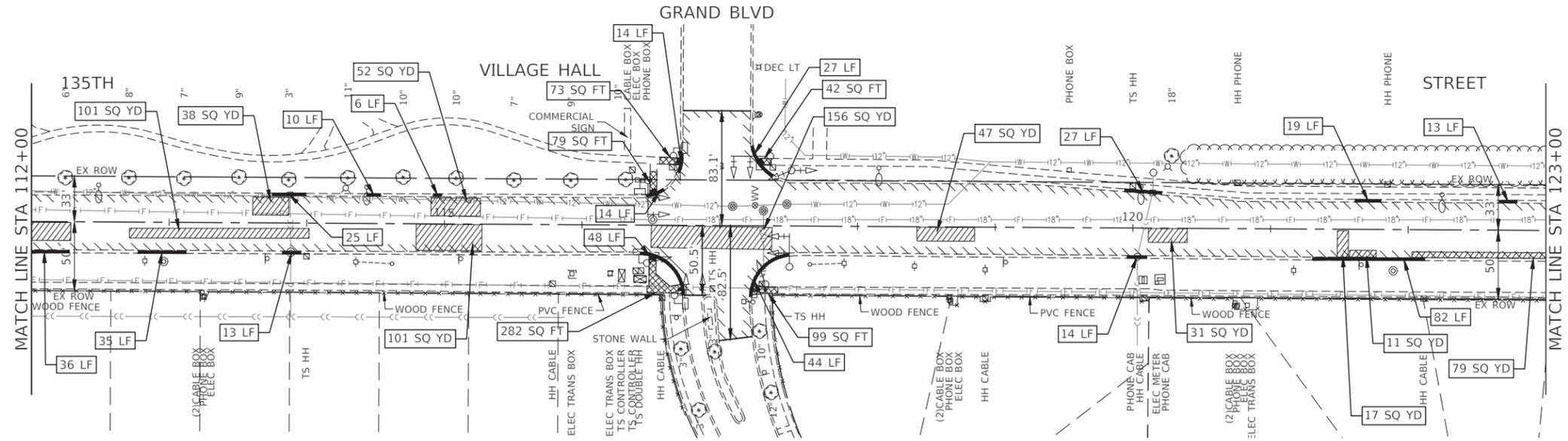


FILE NAME = 18R1036_02-PLPR-01 - PLPR03	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE	F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 25	
	PLOT SCALE = H 1"=50' V 1"=5'	DRAWN - RG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 25 OF 76 SHEETS	CONTRACT NO. 61J80				
	PLOT DATE = 08-07-23	CHECKED - AG	REVISED -		STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(963)				



LEGEND

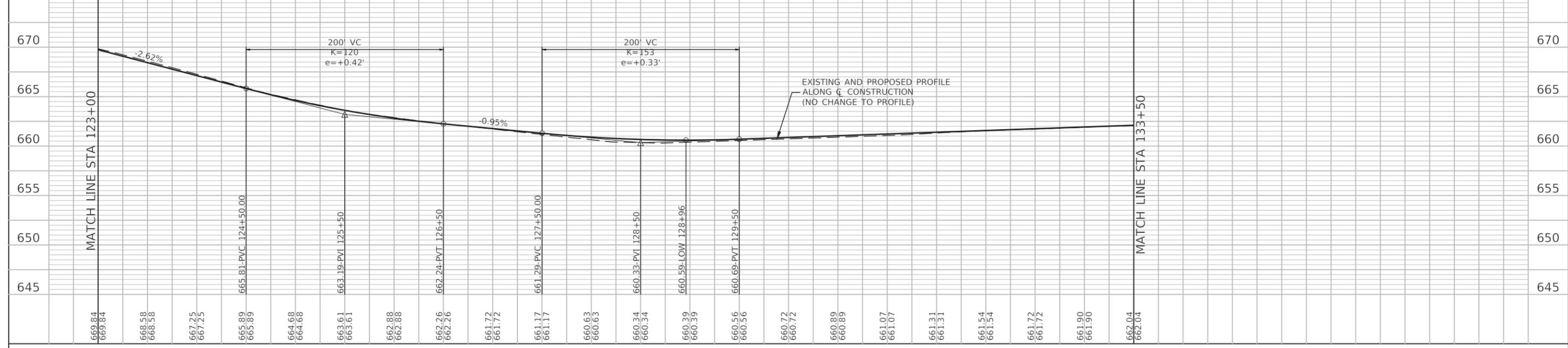
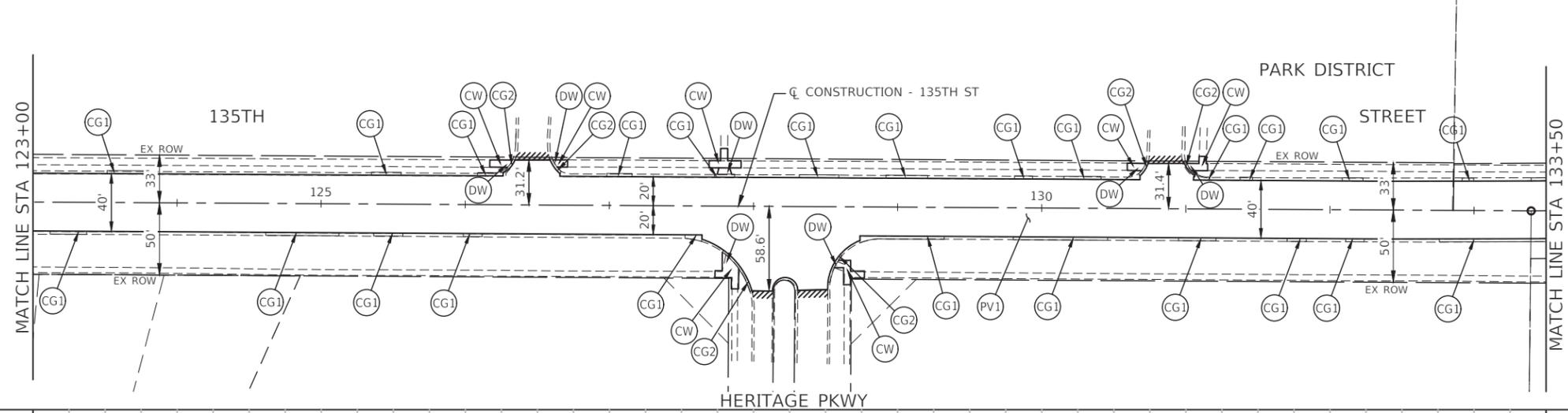
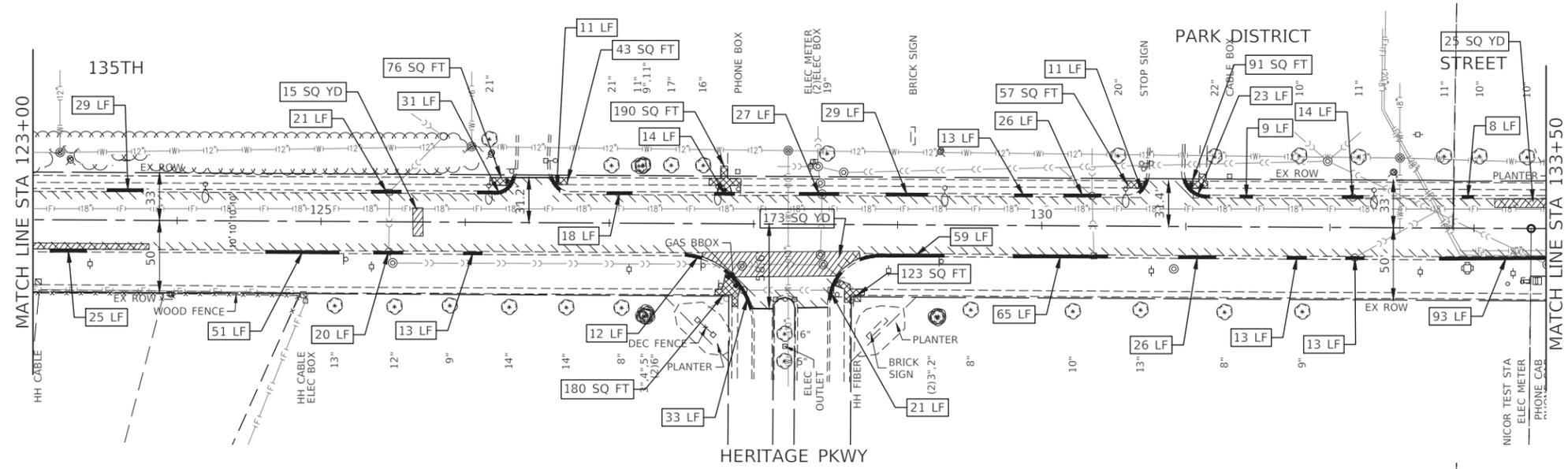
- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 10 INCH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
- CONCRETE CURB, TYPE B
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
- DETECTABLE WARNINGS
- LANDSCAPED MEDIAN: SEEDING (COMPLETE)
- HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
- P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)



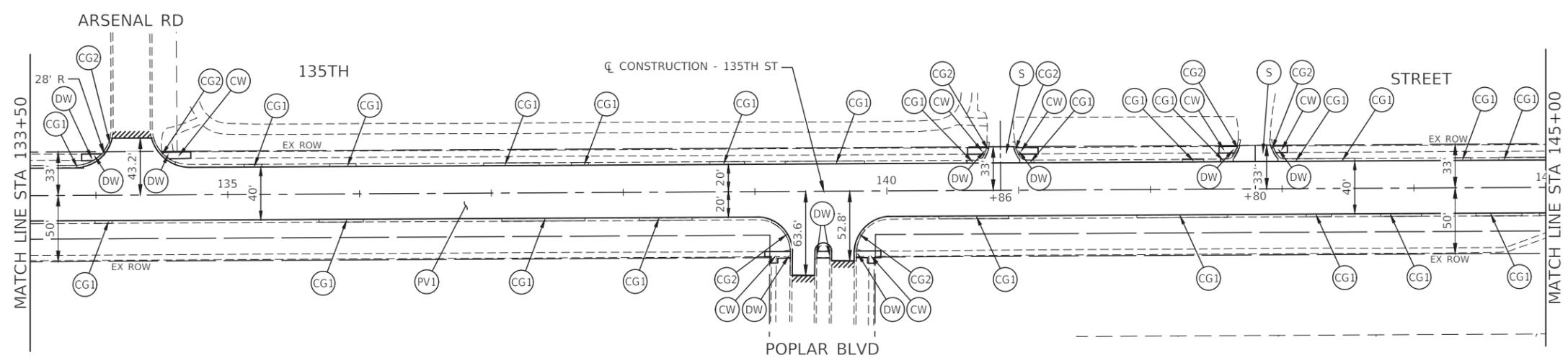
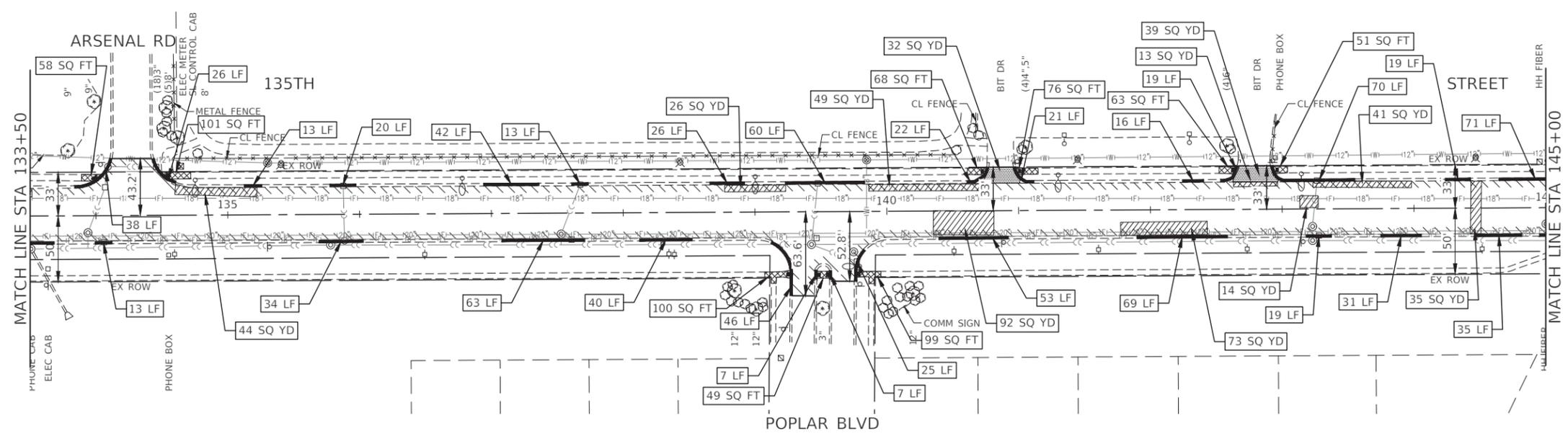


LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 10 INCH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
- CONCRETE CURB, TYPE B
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
- DETECTABLE WARNINGS
- LANDSCAPED MEDIAN: SEEDING (COMPLETE)
- HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
- P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)

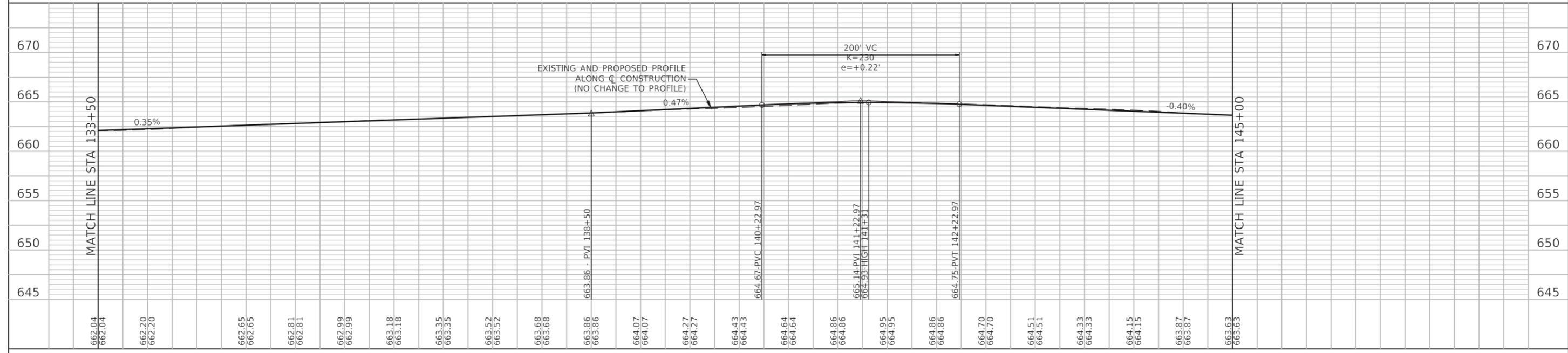


FILE NAME = 18R1036_02-PLPR-01 - PLPROS	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE	F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 27	
	PLLOT SCALE = H 1"=50' V 1"=5'	DRAWN - RG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 27 OF 76 SHEETS	CONTRACT NO. 61J80				
	PLLOT DATE = 08-07-23	CHECKED - AG	REVISED -		STA.	TO STA.	FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT APMT(993)		



LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 10 INCH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
- CONCRETE CURB, TYPE B
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
- DETECTABLE WARNINGS
- LANDSCAPED MEDIAN: SEEDING (COMPLETE)
- HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
- P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)

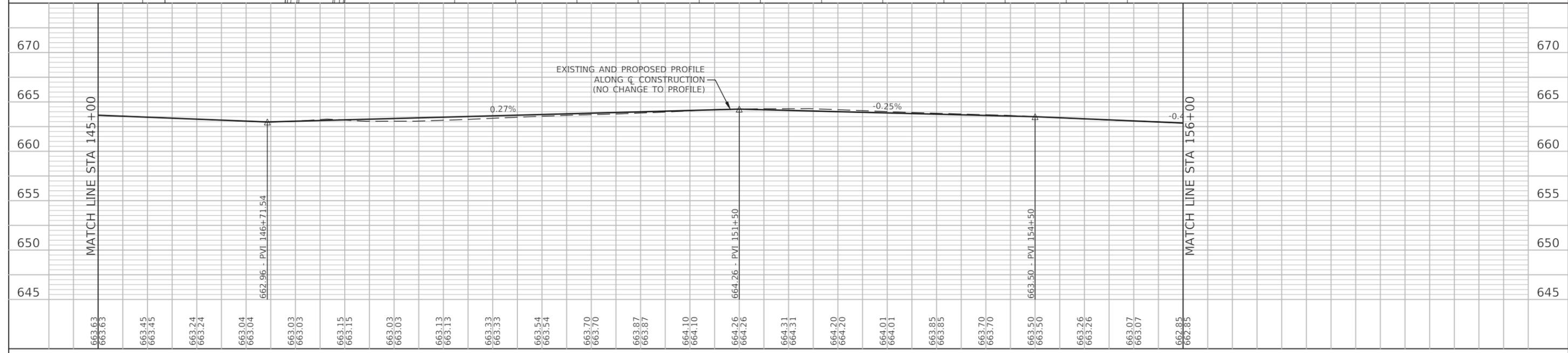
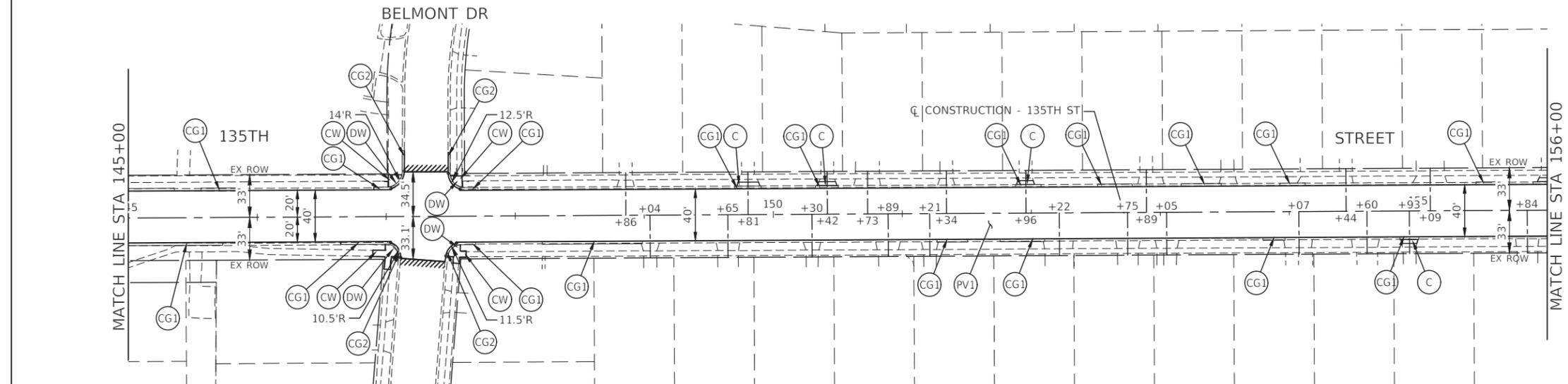
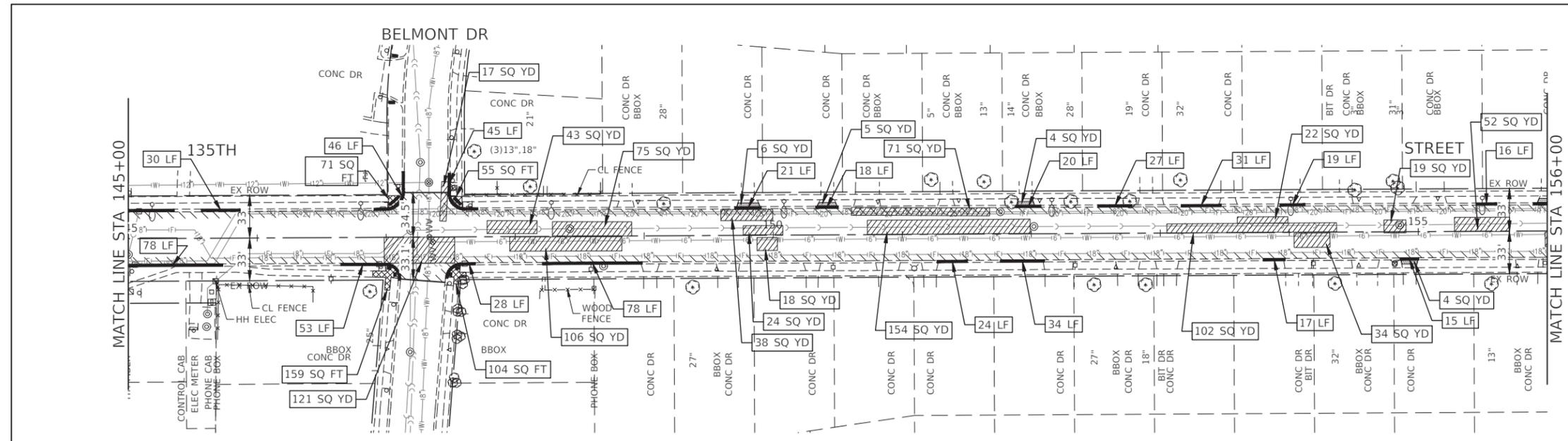


FILE NAME = 18R1036_02-PLPR-01 - PLPR06	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE	F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 28	
	PLOT SCALE = H 1"=50' V 1"=5'	DRAWN - RG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 28 OF 76 SHEETS	CONTRACT NO. 61J80				
	PLOT DATE = 08-07-23	CHECKED - AG	REVISED -		STA. TO STA.			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(963)			



LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 10 INCH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
- CONCRETE CURB, TYPE B
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
- DETECTABLE WARNINGS
- LANDSCAPED MEDIAN: SEEDING (COMPLETE)
- HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
- P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)

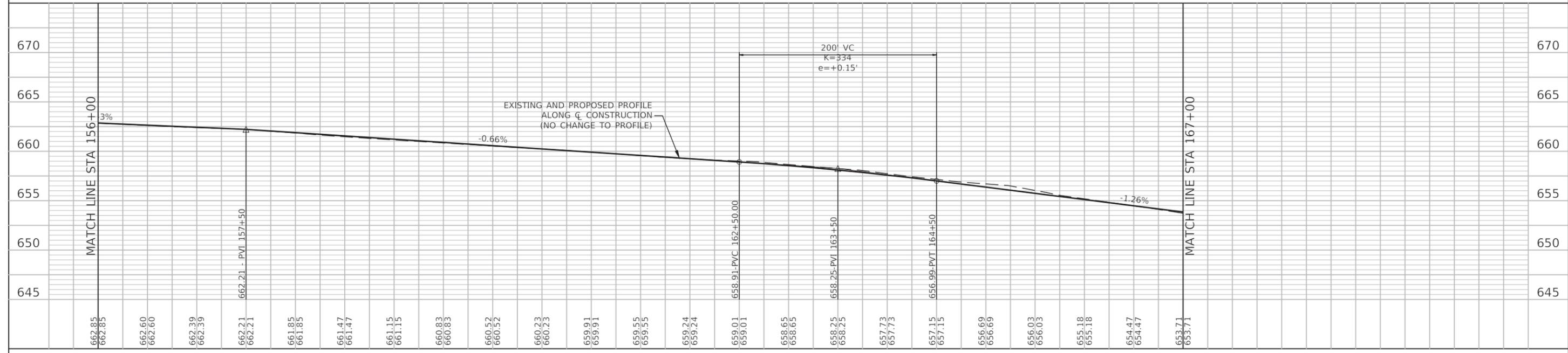
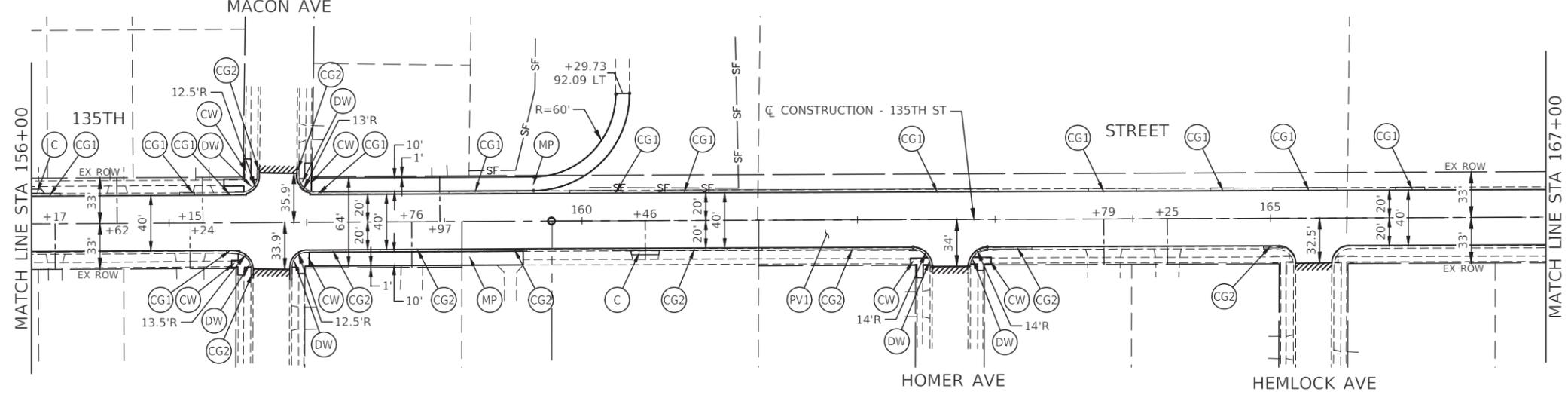
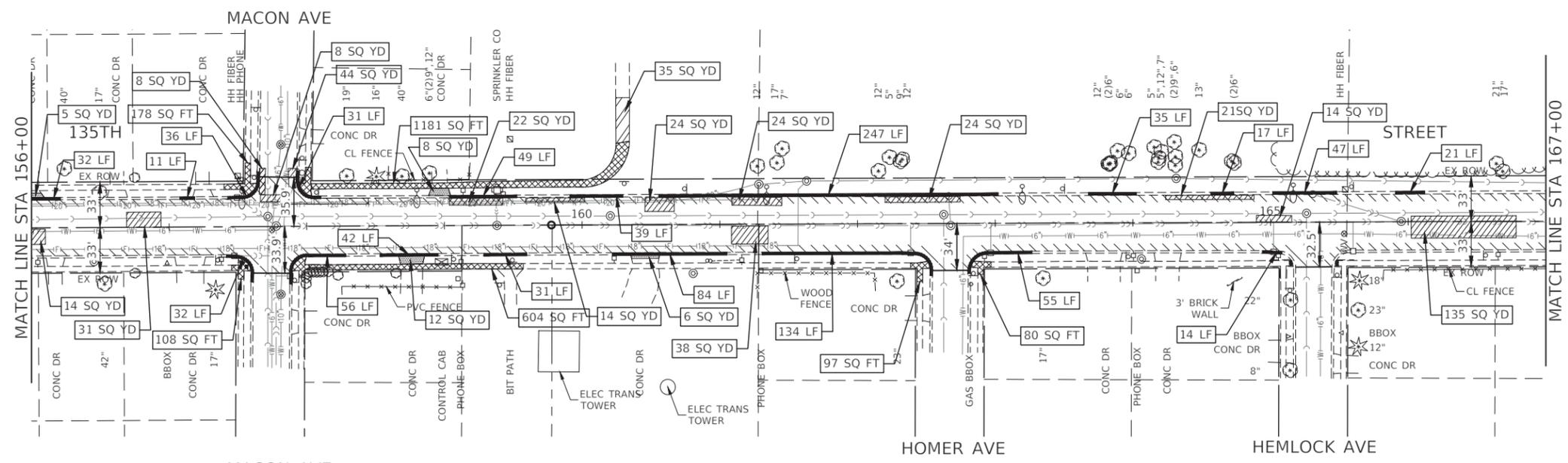


FILE NAME = 18R1036_02-PLPR-01 - PLPR07 USER NAME = PLOT SCALE = H 1"=50' V 1"=5' PLOT DATE = 08-07-23	DESIGNED - MPN CHECKED - WPD DRAWN - RG CHECKED - AG	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE	F.A.U. RTE. 0282 SECTION 20-00069-00-BT COUNTY WILL TOTAL SHEETS 76 SHEET NO. 29 CONTRACT NO. 61J80 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)
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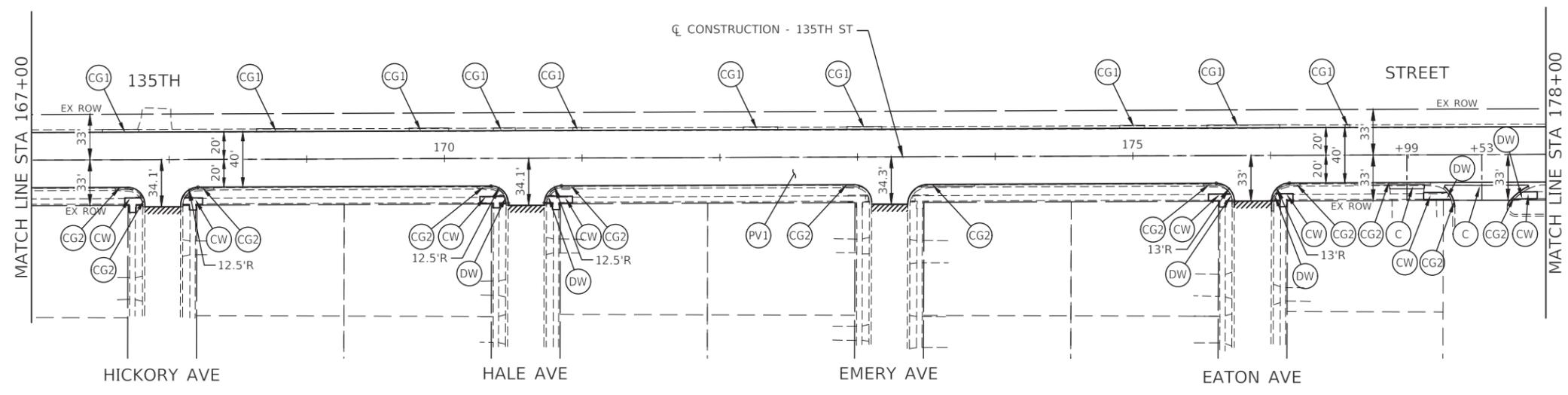
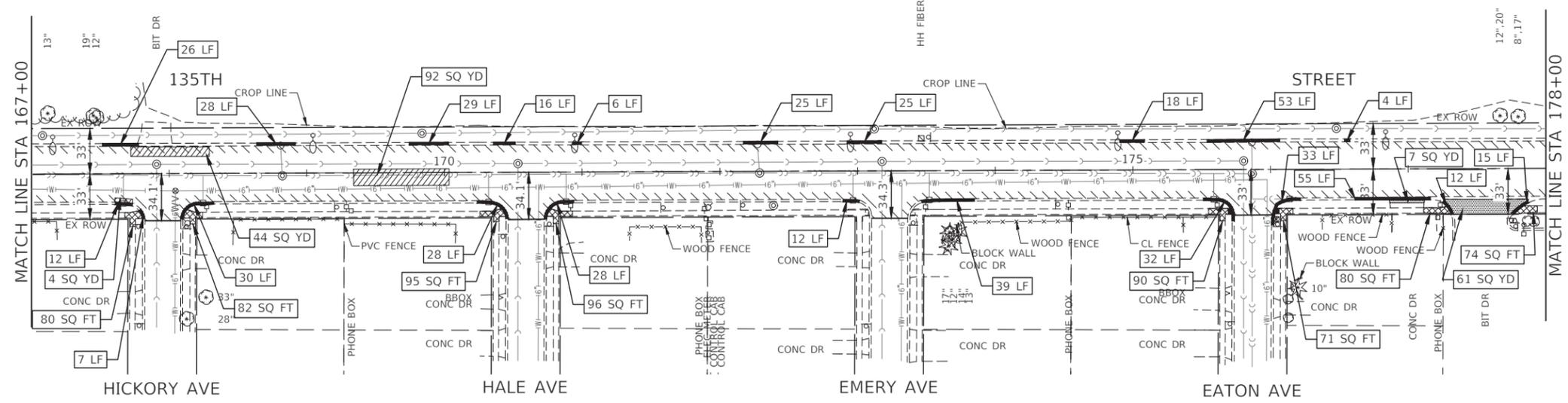


LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 10 INCH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
- CONCRETE CURB, TYPE B
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
- DETECTABLE WARNINGS
- LANDSCAPED MEDIAN: SEEDING (COMPLETE)
- HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
- P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)

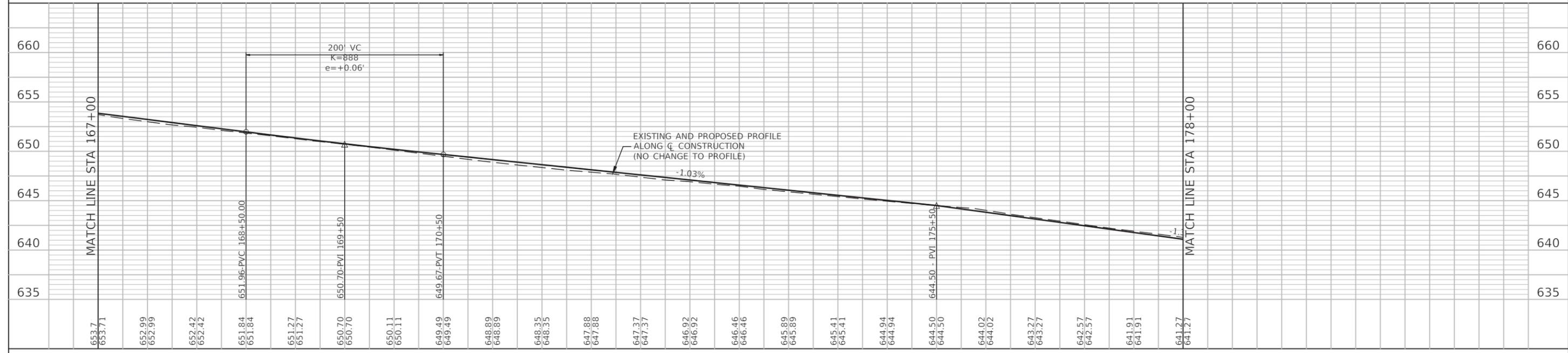


FILE NAME = 18R1036_02-PLPR-01 - PLPR08	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE	F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 30	
	PLOT SCALE = H 1"=50' V 1"=5'	DRAWN - RG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 30 OF 76 SHEETS	STA. TO STA.		CONTRACT NO. 61J80		
	PLOT DATE = 08-07-23	CHECKED - AG	REVISED -		FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT APMT(993)				

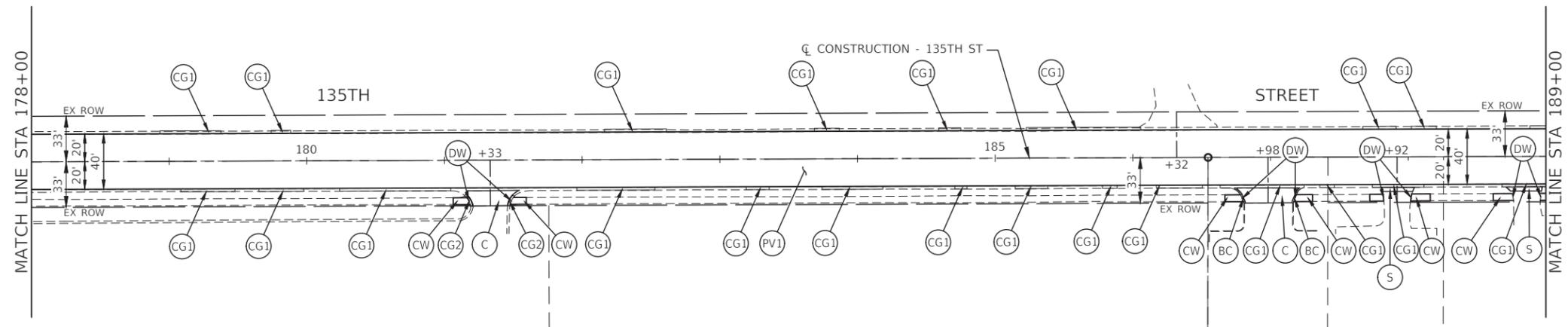
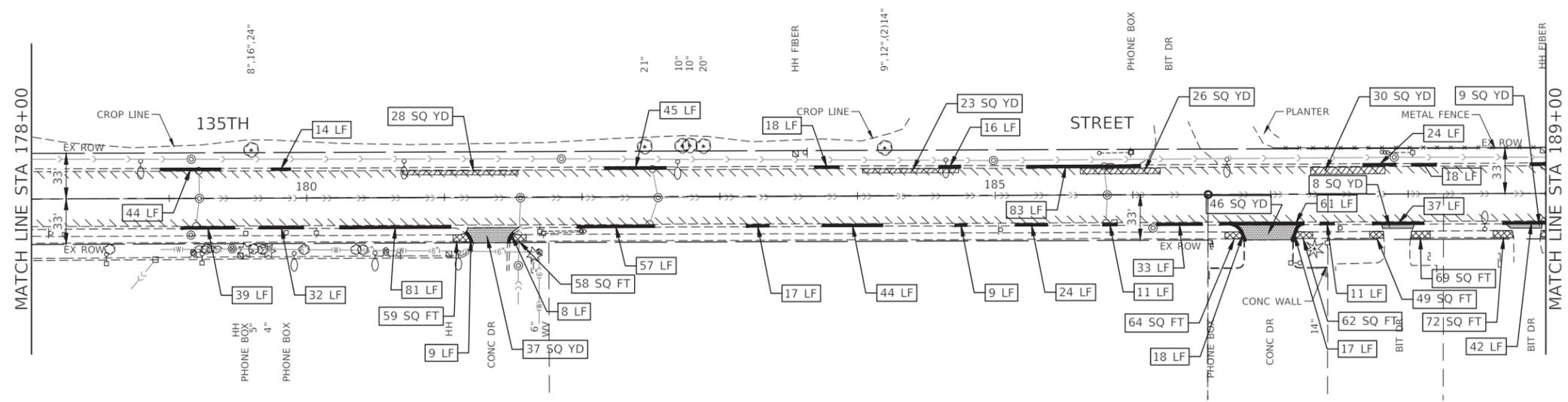


LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 10 INCH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
- CONCRETE CURB, TYPE B
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
- DETECTABLE WARNINGS
- LANDSCAPED MEDIAN: SEEDING (COMPLETE)
- HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
- P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)

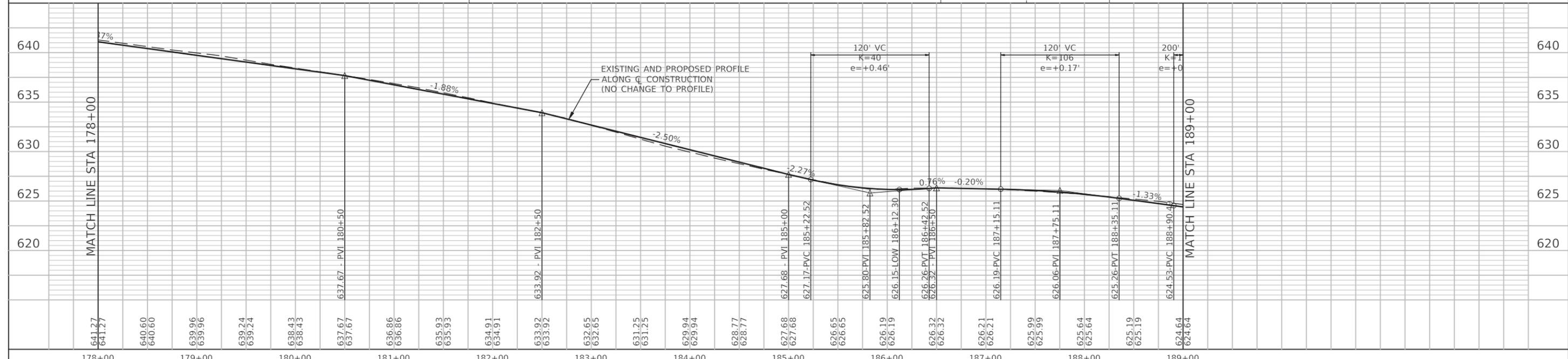


FILE NAME = 18R1036_02-PLPR-01 - PLPR09	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE	F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 31	
	PLOT SCALE = H 1"=50' V 1"=5'	DRAWN - RG	REVISED -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 31 OF 76 SHEETS	CONTRACT NO. 61J80				
	PLOT DATE = 08-07-23	CHECKED - AG	REVISED -		STA.	TO STA.					
						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)					

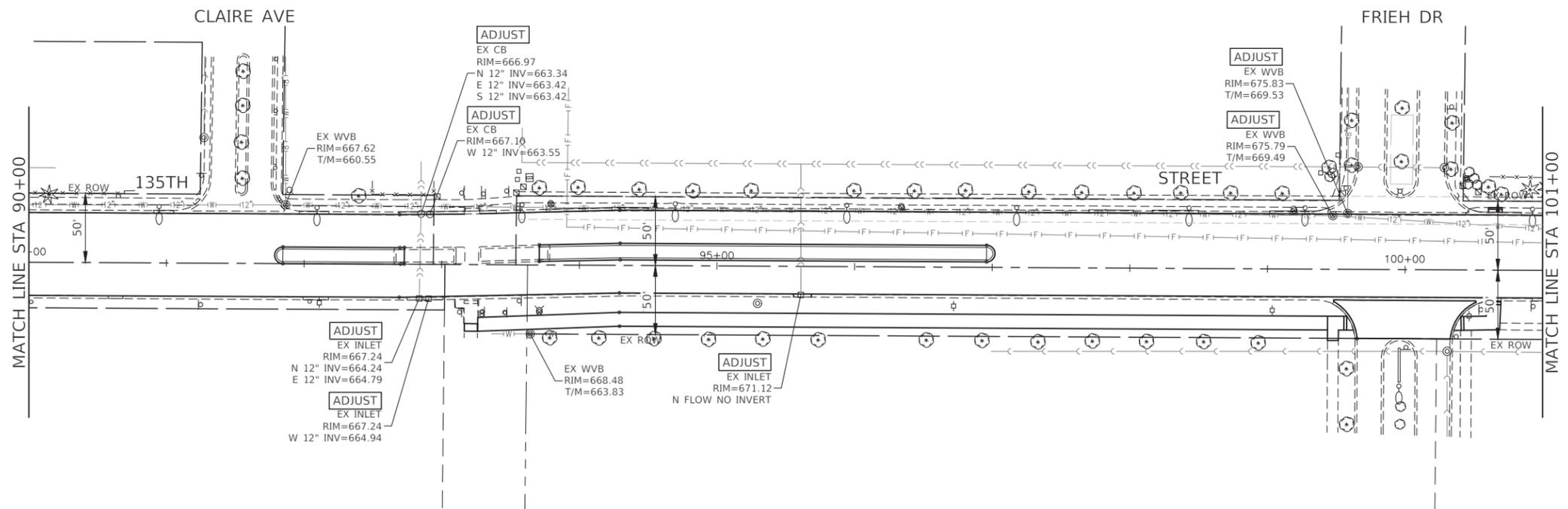
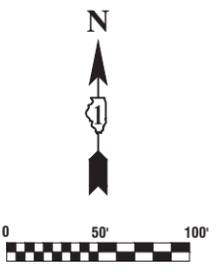
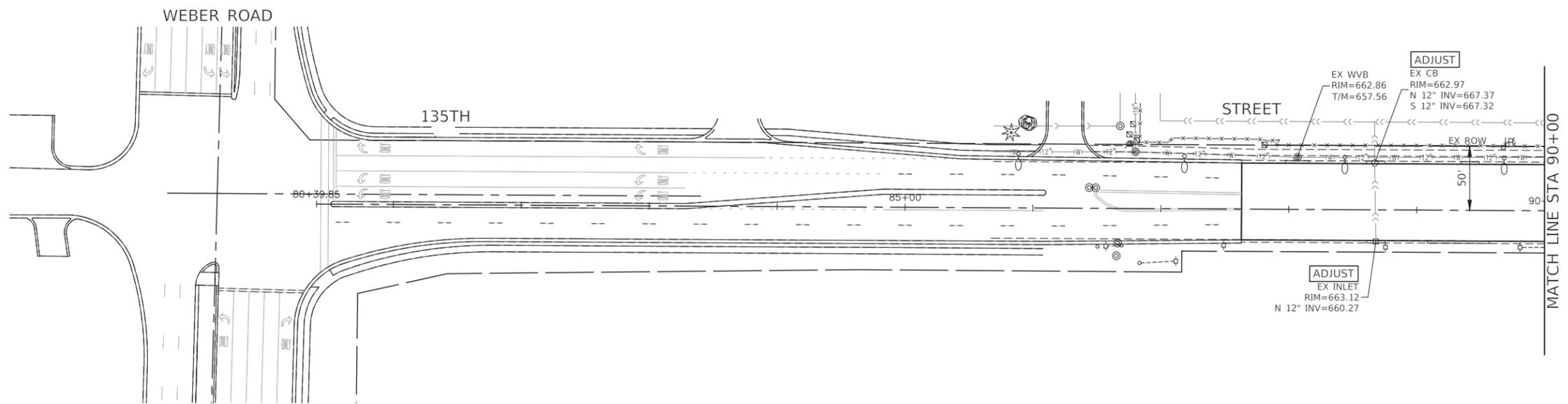


LEGEND

- DRIVEWAY PAVEMENT REMOVAL
- CLASS D PATCHES, 10 INCH
- SIDEWALK REMOVAL (SPECIAL)
- PAVEMENT REMOVAL
- HOT-MIX ASPHALT SURFACE REMOVAL, 3-3/4"
- COMBINATION CURB AND GUTTER REMOVAL
- HOT-MIX SURFACE REMOVAL - BUTT JOINT
- HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1-3/4"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2-1/4"
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (SPECIAL)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (SPECIAL)
- CONCRETE MEDIAN, TYPE SB-6.12
AGGREGATE BASE COURSE, TYPE B 4"
- CONCRETE CURB, TYPE B
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
SUBBASE GRANULAR MATERIAL, TYPE B 4"
- DETECTABLE WARNINGS
- LANDSCAPED MEDIAN: SEEDING (COMPLETE)
- HOT-MIX ASPHALT MULTI-USE PATH:
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 1-1/2"
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2-1/4"
AGGREGATE BASE COURSE, TYPE B 4"
- P.C.C DRIVEWAY PAVEMENT, 8 INCH
AGGREGATE BASE COURSE, TYPE B 4"
(INCLUDED IN DRIVEWAY PAY ITEM)
- HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 5"
AGGREGATE BASE COURSE, TYPE B 8"
(INCLUDED IN DRIVEWAY PAY ITEM)



FILE NAME = 18R1036_02-PLPR-01 - PLPR10	USER NAME =	DESIGNED - MPN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING PLAN AND PROFILE	F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 32
PLOT SCALE = H 1"=50' V 1"=5'	DRAWN - RG	REVISOR -	REVISOR -		SCALE: H 1"=50' V 1"=5'	SHEET NO. 32 OF 76 SHEETS	CONTRACT NO. 61J80		STA. TO STA.	
PLOT DATE = 08-07-23	CHECKED - AG	REVISOR -	REVISOR -		FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT APMT(993)			



FILE NAME = 18R1036_02-STRM-01 - PLPR01

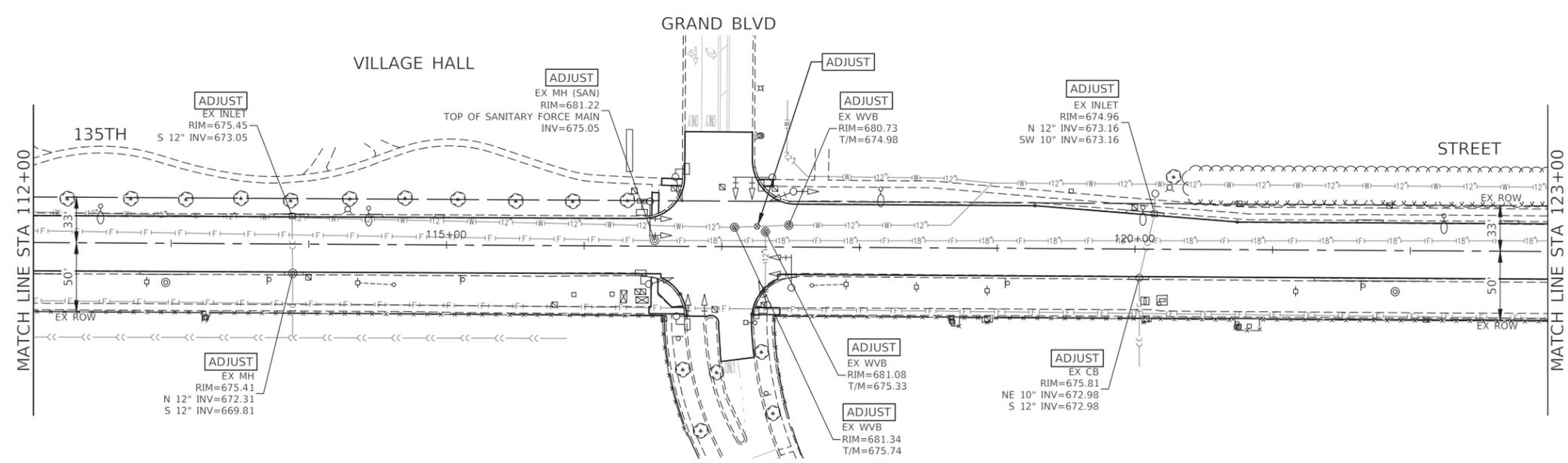
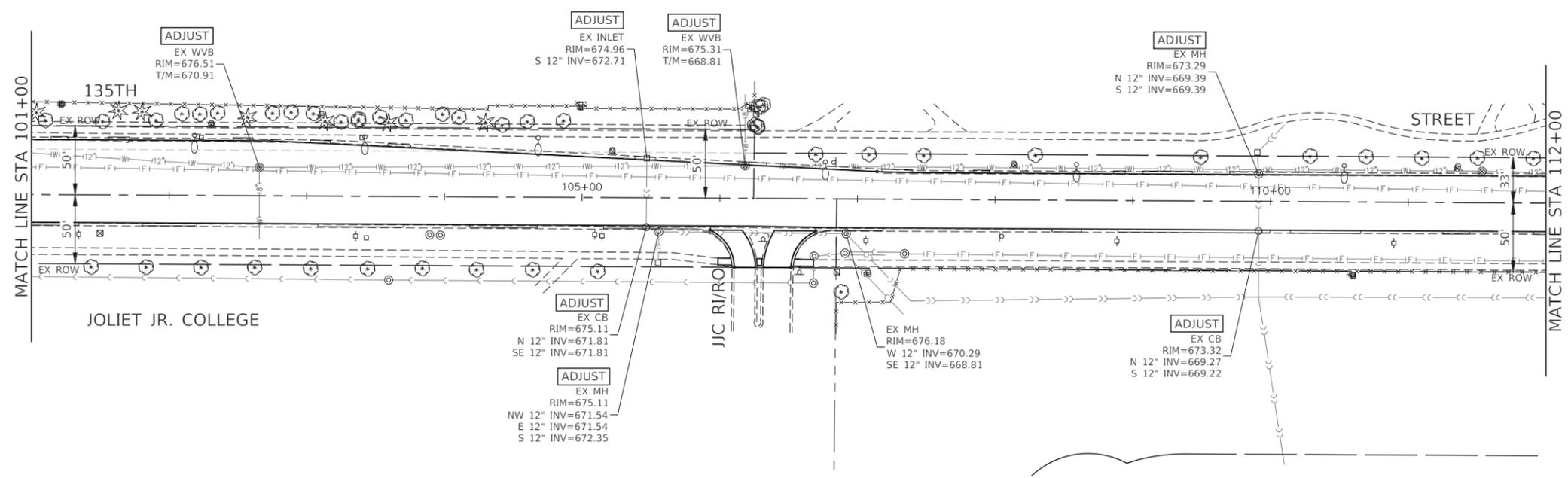
USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WPD	REVISED --
PLOT SCALE = H 1"=50' V 1"=5'	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

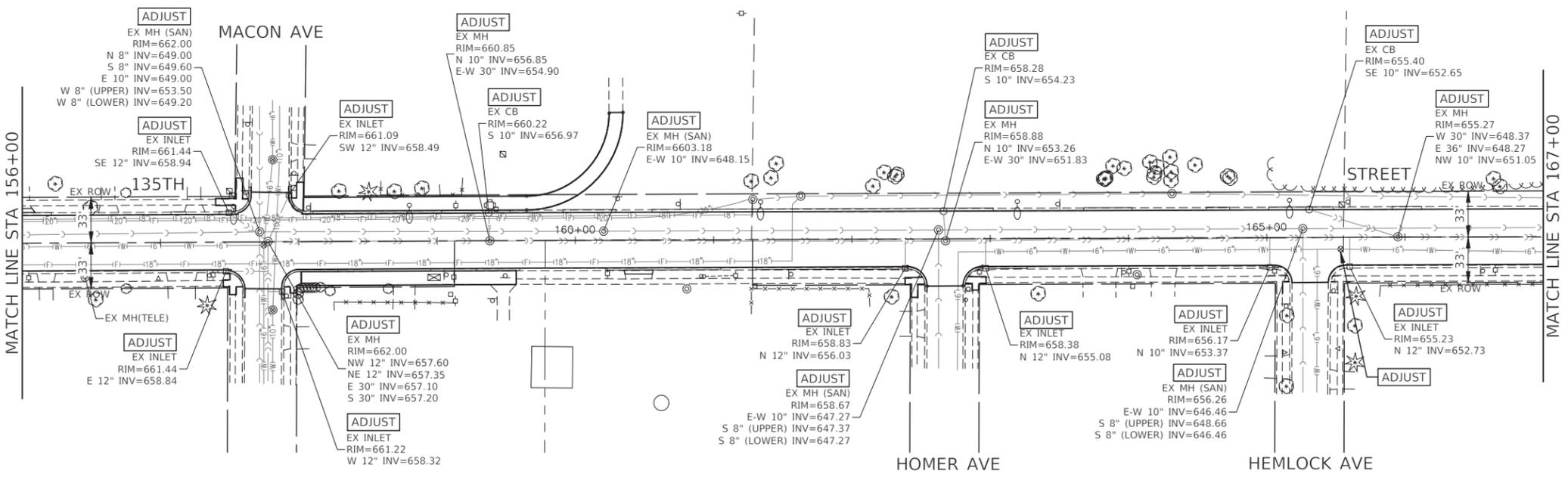
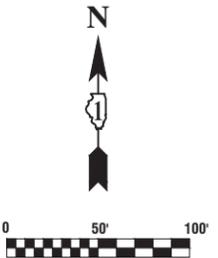
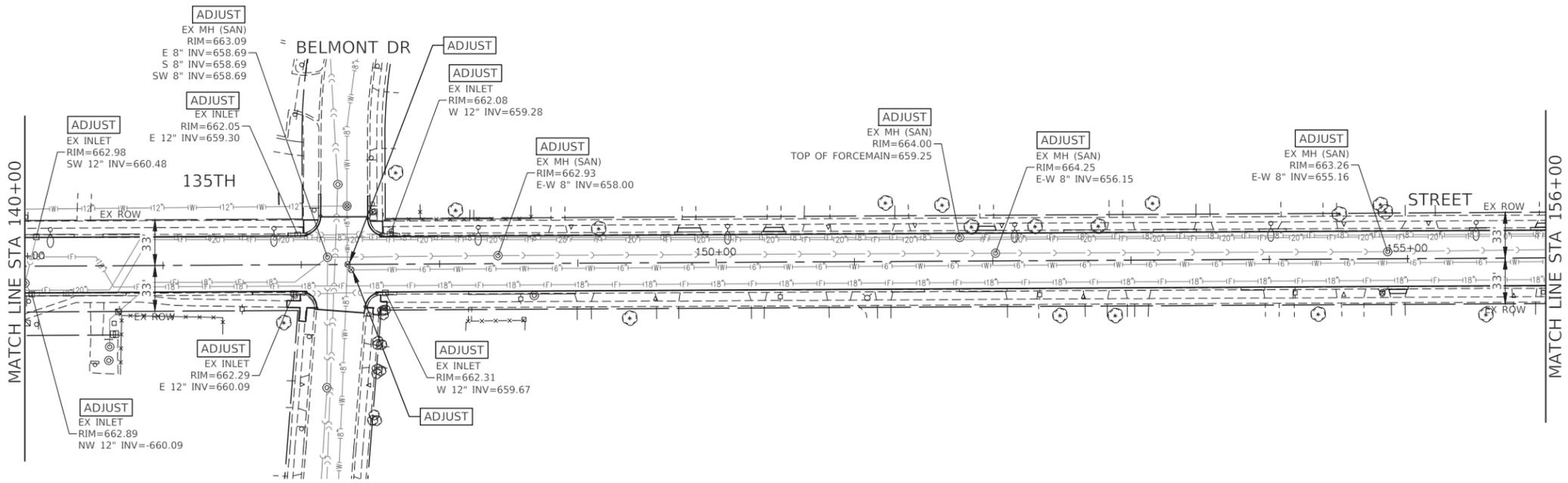
135TH STREET
ROADWAY RESURFACING
DRAINAGE & UTILITIES

SCALE: H 1"=50' V 1"=5' SHEET NO. 34 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	34
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



FILE NAME = 18R1036_02-STRM-01 - PLPR02	USER NAME =	DESIGNED -- MPN	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING DRAINAGE & UTILITIES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = H 1"=50' V 1"=5'	CHECKED -- WPD	REVISED --				0282	20-00069-00-BT	WILL	76	35	
PLOT DATE = 08-07-23	DRAWN -- RG	REVISED --	REVISED --	SCALE: H 1"=50' V 1"=5'		SHEET NO. 35 OF 76 SHEETS	STA.	TO STA.	CONTRACT NO. 61J80			
	CHECKED -- AG	REVISED --	REVISED --				FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT APMT(993)			



FILE NAME = 18R1036_02-STRM-01 - PLPR04

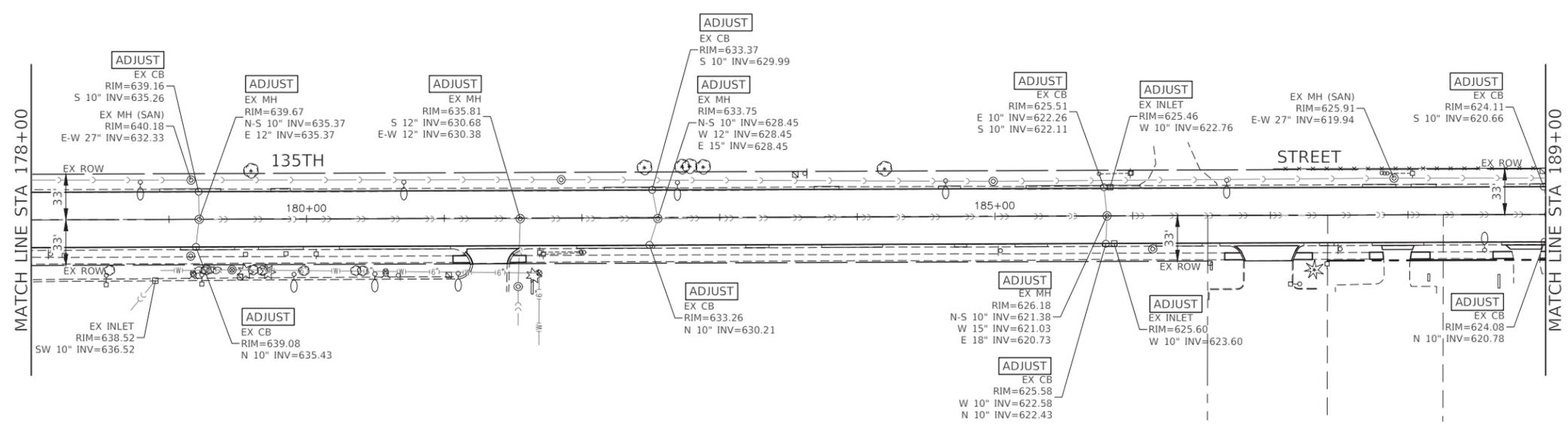
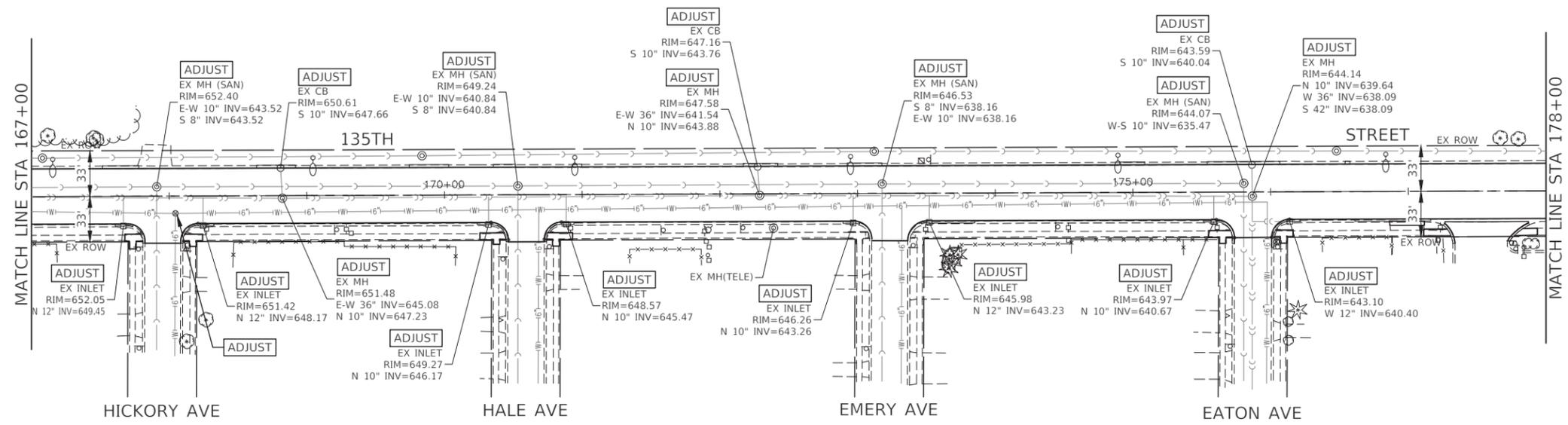
USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WPD	REVISED --
PLOT SCALE = H 1"=50' V 1"=5'	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH STREET
ROADWAY RESURFACING
DRAINAGE & UTILITIES**

SCALE: H 1"=50' V 1"=5' SHEET NO. 37 OF 76 SHEETS STA. TO STA.

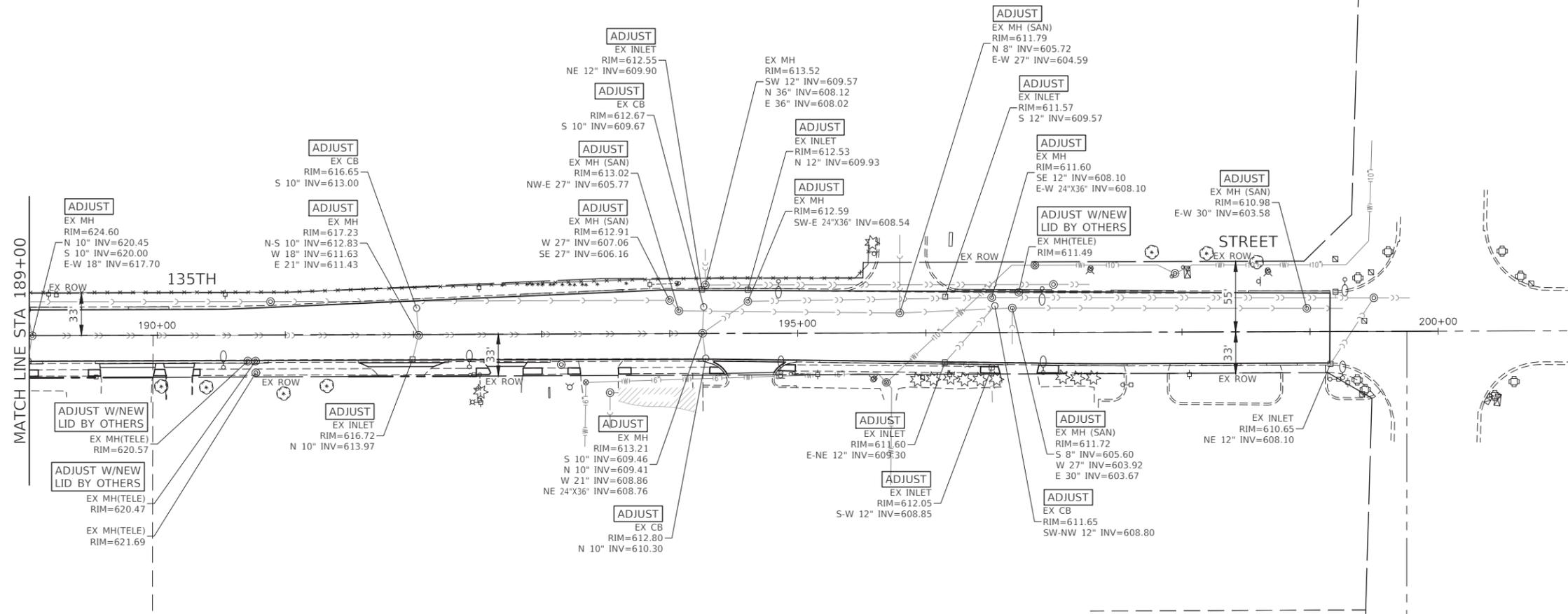
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	37
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



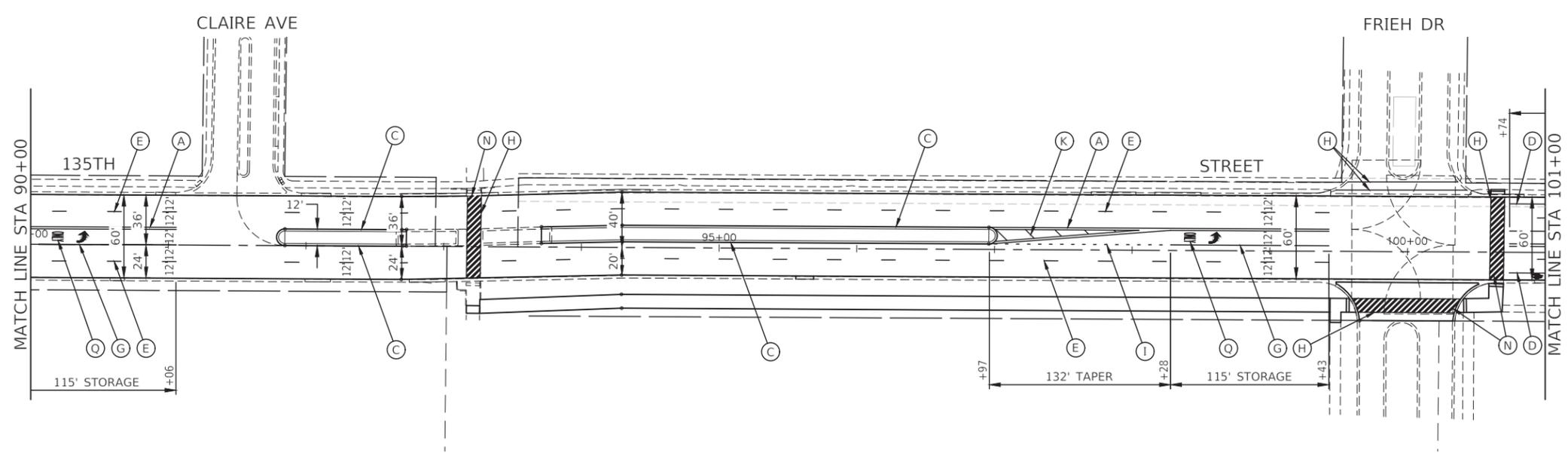
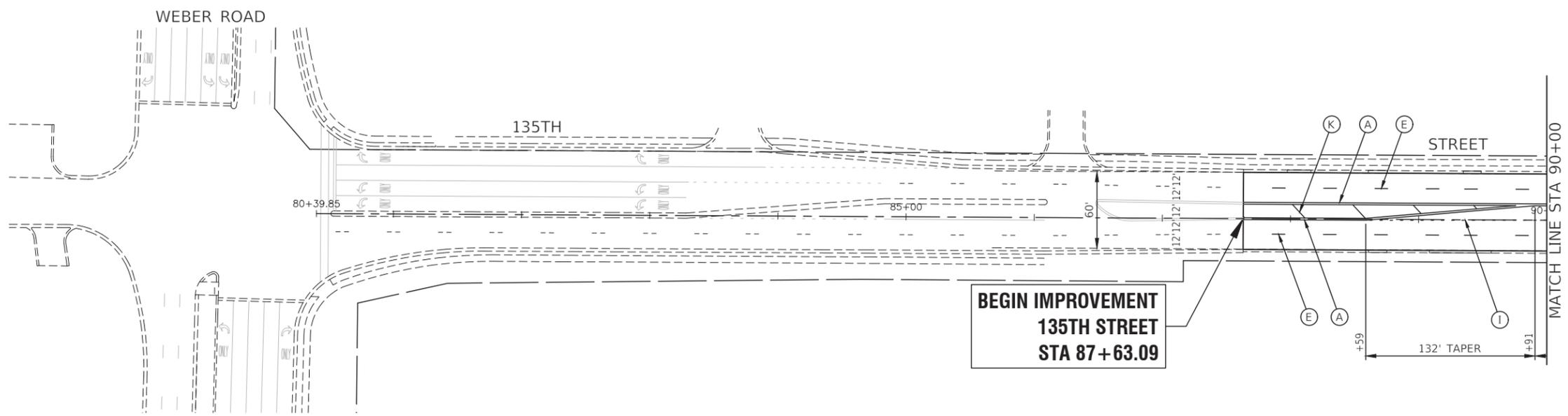
FILE NAME = 18R1036_02-STRM-01 - PLPROS	USER NAME =	DESIGNED -- MPN	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING DRAINAGE & UTILITIES			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = H 1"=50' V 1"=5'	CHECKED -- WPD	REVISED --					0282	20-00069-00-BT	WILL	76	38
PLOT DATE = 08-07-23	DRAWN -- RG	REVISED --		SCALE: H 1"=50' V 1"=5'			SHEET NO. 38	OF 76 SHEETS	STA.	TO STA.	CONTRACT NO. 61J80	
	CHECKED -- AG	REVISED --					FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT APMT(983)		



IL RTE 53



FILE NAME = 18R1036_02-STRM-01 - PLPR06	USER NAME =	DESIGNED -- MPN	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING DRAINAGE & UTILITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = H 1"=50' V 1"=5'	CHECKED -- WPD	REVISED --			0282	20-00069-00-BT	WILL	76	39
PLOT DATE = 08-07-23	DRAWN -- RG	REVISED --	SCALE: H 1"=50' V 1"=5'	SHEET NO. 39 OF 76 SHEETS	STA. TO STA.	CONTRACT NO. 61J80				
	CHECKED -- AG	REVISED --				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - 4" LINE DOUBLE YELLOW (11" C-C)
- (B) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW SKIP DASH (10' LINE WITH 30' SPACE)
- (C) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW LINE
- (D) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE LINE
- (E) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (10' LINE WITH 30' SPACE)
- (F) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (G) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE LANE LINE
- (H) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE CROSS-WALK (10' C-C / 6' C-C PER TC-13)
- (I) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (J) THERMOPLASTIC PAVEMENT MARKING - 8" LINE WHITE LINE
- (K) THERMOPLASTIC PAVEMENT MARKING - 12" LINE YELLOW DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (L) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (M) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE CROSS-WALK (3' C-C)
- (N) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL (3' C-C @ 45 DEGREES)
- (P) THERMOPLASTIC PAVEMENT MARKING - 24" LINE WHITE STOP BAR LINE
- (Q) THERMOPLASTIC PAVEMENT MARKING - WHITE LETTERS & SYMBOLS

NOTES

1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

FILE NAME = 18R1036_02-PVMK-01 - P01

USER NAME =
 PLOT SCALE = 1"=50'
 PLOT DATE = 08-07-23

DESIGNED -- MPN
 CHECKED -- WPD
 DRAWN -- RG
 CHECKED -- AG

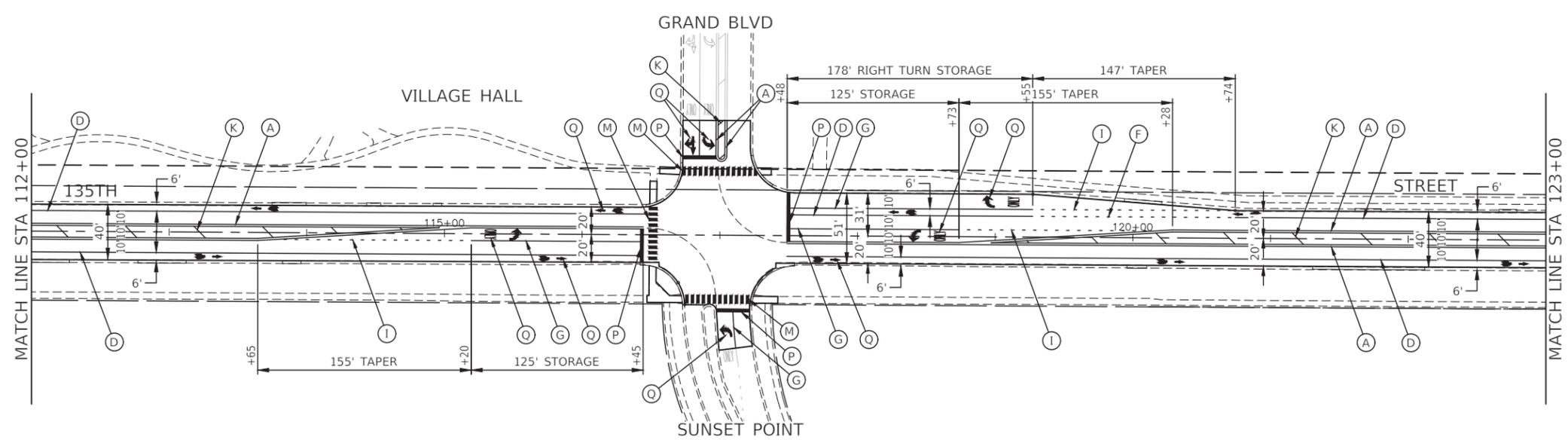
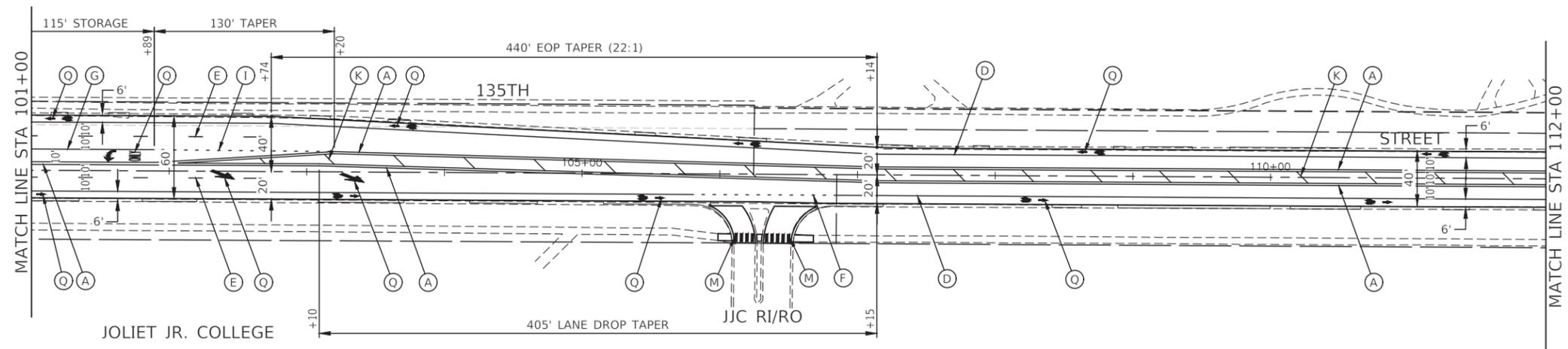
REVISED --
 REVISED --
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH STREET
 ROADWAY RESURFACING
 PAVEMENT MARKING PLAN

SCALE: H 1"=50' V 1"=5' SHEET NO. 40 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	40
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	APMT(993)	



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - 4" LINE DOUBLE YELLOW (11" C-C)
- (B) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW SKIP DASH (10' LINE WITH 30' SPACE)
- (C) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW LINE
- (D) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE LINE
- (E) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (10' LINE WITH 30' SPACE)
- (F) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (G) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE LANE LINE
- (H) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE CROSS-WALK (10' C-C / 6' C-C PER TC-13)
- (I) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (J) THERMOPLASTIC PAVEMENT MARKING - 8" LINE WHITE LINE
- (K) THERMOPLASTIC PAVEMENT MARKING - 12" LINE YELLOW DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (L) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (M) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE CROSS-WALK (3' C-C)
- (N) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL (3' C-C @ 45 DEGREES)
- (P) THERMOPLASTIC PAVEMENT MARKING - 24" LINE WHITE STOP BAR LINE
- (Q) THERMOPLASTIC PAVEMENT MARKING - WHITE LETTERS & SYMBOLS

NOTES

1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

FILE NAME = 18R1036_02-PVMK-01 - P02

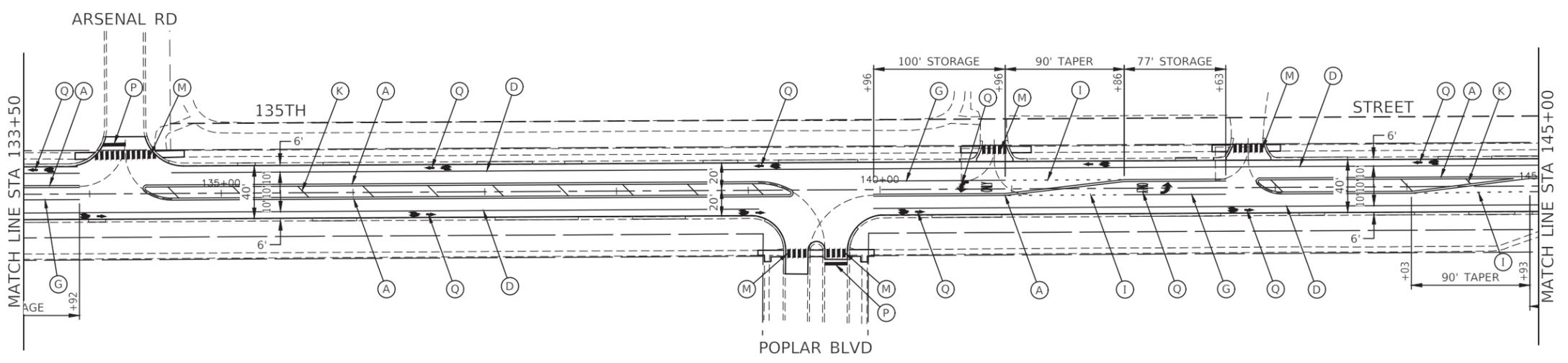
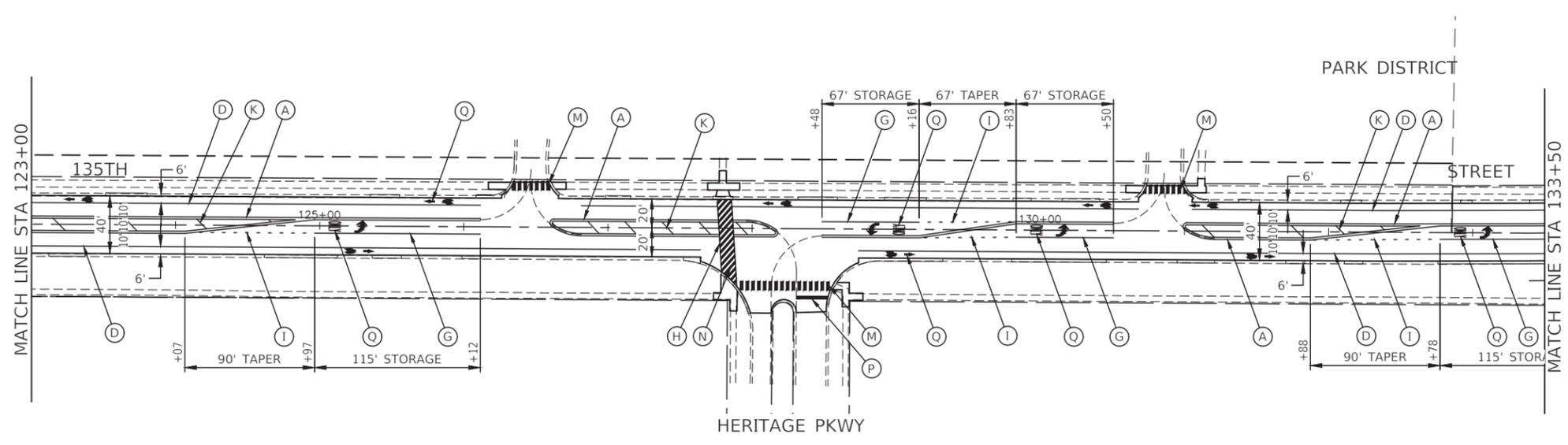
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	CHECKED -- WPD	REVISED --
PLOT SCALE = 1"=50'	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET
ROADWAY RESURFACING
PAVEMENT MARKING PLAN

SCALE: H 1"=50' V 1"=5' SHEET NO. 41 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	41
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - 4" LINE DOUBLE YELLOW (11" C-C)
- (B) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW SKIP DASH (10' LINE WITH 30' SPACE)
- (C) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW LINE
- (D) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE LINE
- (E) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (10' LINE WITH 30' SPACE)
- (F) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (G) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE LANE LINE
- (H) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE CROSS-WALK (10' C-C / 6' C-C PER TC-13)
- (I) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (J) THERMOPLASTIC PAVEMENT MARKING - 8" LINE WHITE LINE
- (K) THERMOPLASTIC PAVEMENT MARKING - 12" LINE YELLOW DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (L) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (M) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE CROSS-WALK (3' C-C)
- (N) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL (3' C-C @ 45 DEGREES)
- (P) THERMOPLASTIC PAVEMENT MARKING - 24" LINE WHITE STOP BAR LINE
- (Q) THERMOPLASTIC PAVEMENT MARKING - WHITE LETTERS & SYMBOLS

NOTES

1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

FILE NAME = 18R1036_02-PVMK-01 - P03

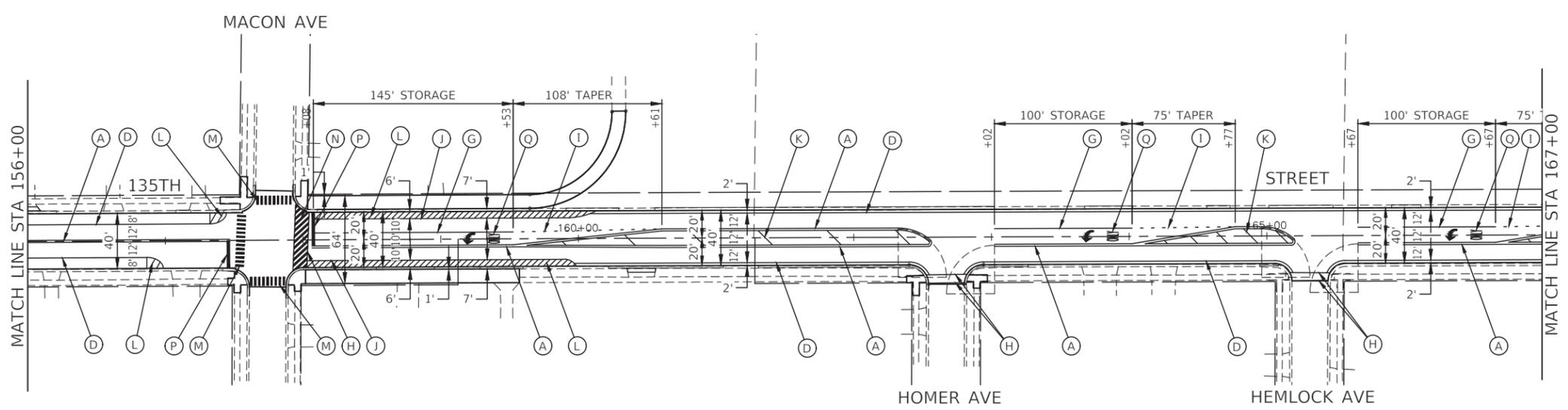
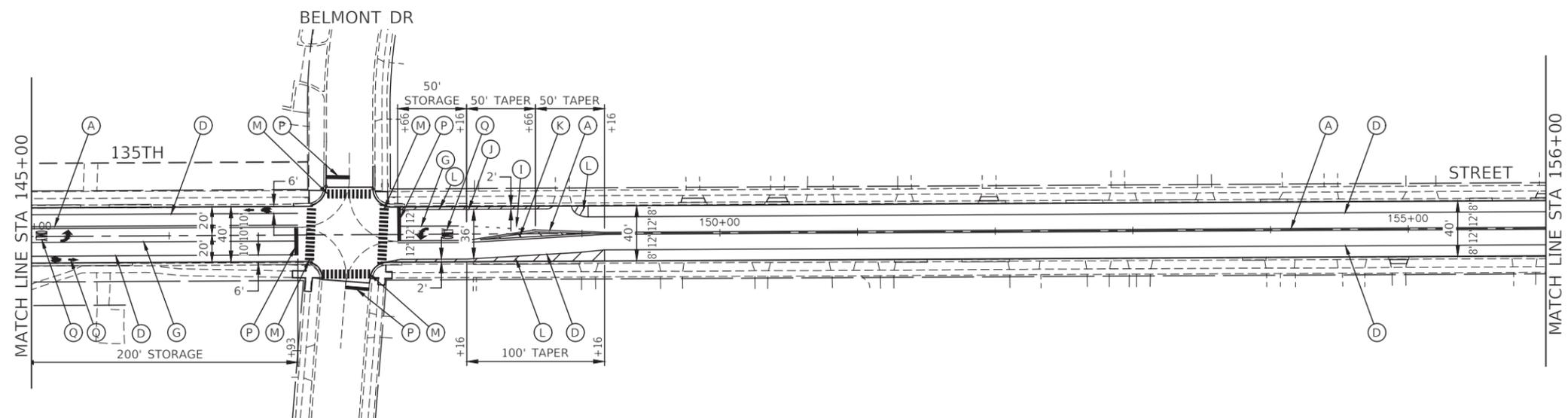
USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WPD	REVISED --
PLOT SCALE = 1"=50'	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET
ROADWAY RESURFACING
PAVEMENT MARKING PLAN

SCALE: H 1"=50' V 1"=5' SHEET NO. 42 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	42
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - 4" LINE DOUBLE YELLOW (11" C-C)
- (B) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW SKIP DASH (10' LINE WITH 30' SPACE)
- (C) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW LINE
- (D) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE LINE
- (E) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (10' LINE WITH 30' SPACE)
- (F) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (G) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE LANE LINE
- (H) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE CROSS-WALK (10' C-C / 6' C-C PER TC-13)
- (I) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (J) THERMOPLASTIC PAVEMENT MARKING - 8" LINE WHITE LINE
- (K) THERMOPLASTIC PAVEMENT MARKING - 12" LINE YELLOW DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (L) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (M) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE CROSS-WALK (3' C-C)
- (N) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL (3' C-C @ 45 DEGREES)
- (P) THERMOPLASTIC PAVEMENT MARKING - 24" LINE WHITE STOP BAR LINE
- (Q) THERMOPLASTIC PAVEMENT MARKING - WHITE LETTERS & SYMBOLS

NOTES

1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

FILE NAME = 18R1036_02-PVMK-01 - P04

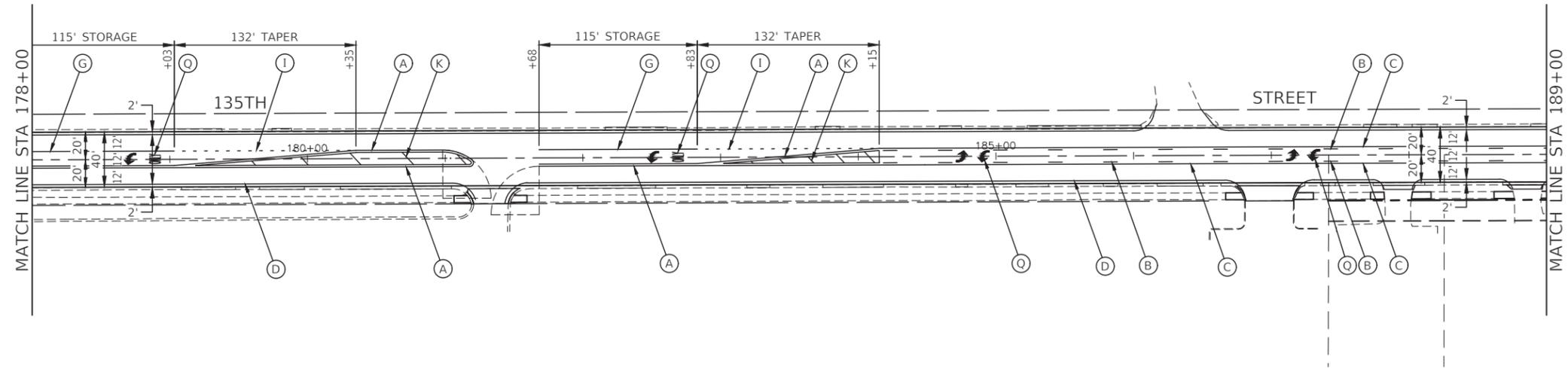
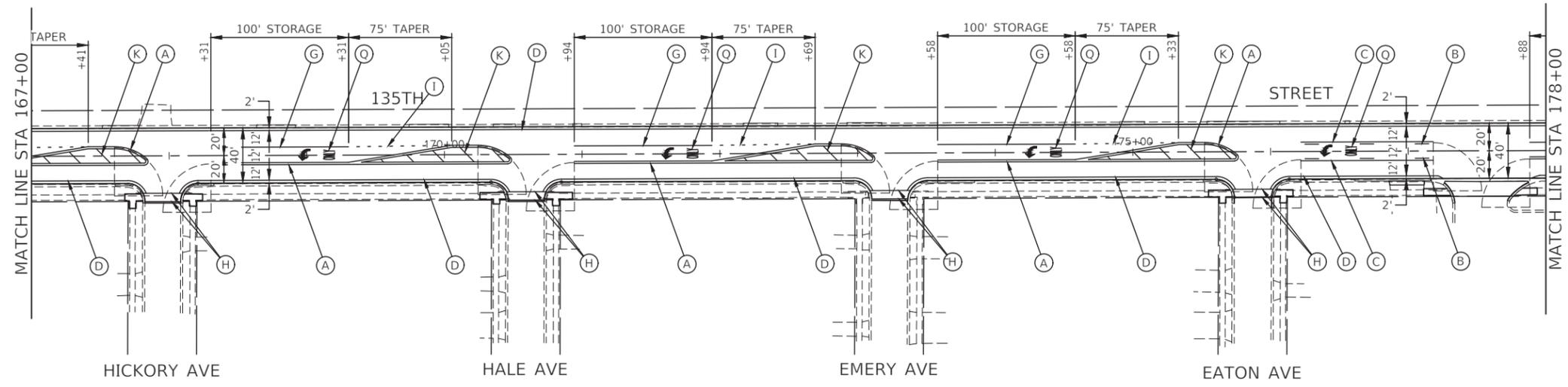
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PLOT SCALE = 1"=50'	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET
ROADWAY RESURFACING
PAVEMENT MARKING PLAN

SCALE: H 1"=50' V 1"=5' SHEET NO. 43 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	43
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - 4" LINE DOUBLE YELLOW (11" C-C)
- (B) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW SKIP DASH (10' LINE WITH 30' SPACE)
- (C) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW LINE
- (D) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE LINE
- (E) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (10' LINE WITH 30' SPACE)
- (F) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (G) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE LANE LINE
- (H) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE CROSS-WALK (10' C-C / 6' C-C PER TC-13)
- (I) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (J) THERMOPLASTIC PAVEMENT MARKING - 8" LINE WHITE LINE
- (K) THERMOPLASTIC PAVEMENT MARKING - 12" LINE YELLOW DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (L) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (M) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE CROSS-WALK (3' C-C)
- (N) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL (3' C-C @ 45 DEGREES)
- (P) THERMOPLASTIC PAVEMENT MARKING - 24" LINE WHITE STOP BAR LINE
- (Q) THERMOPLASTIC PAVEMENT MARKING - WHITE LETTERS & SYMBOLS

NOTES

1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

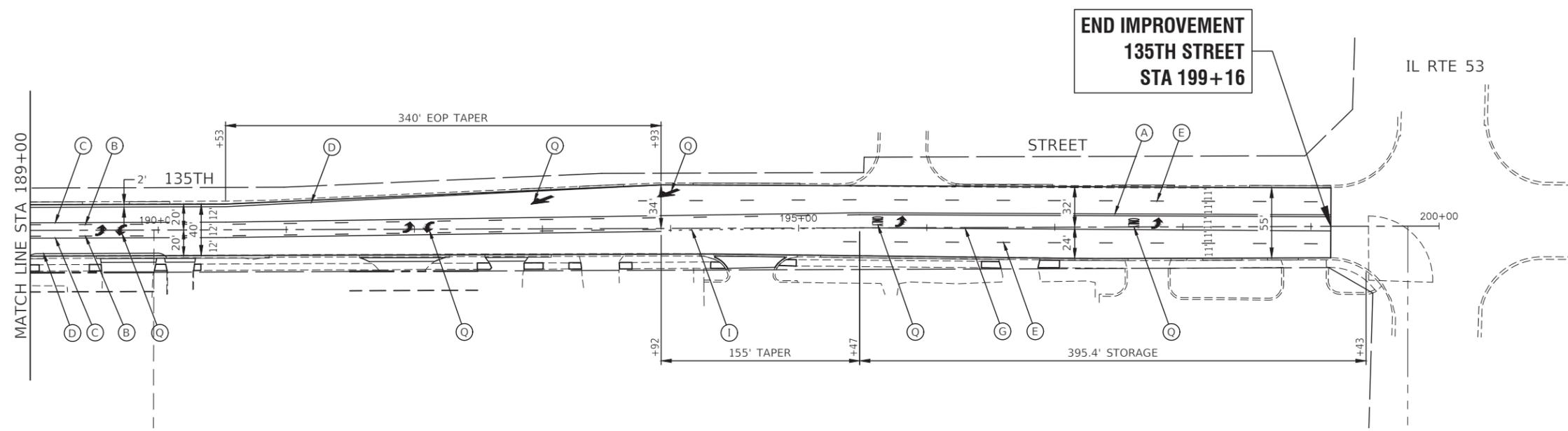
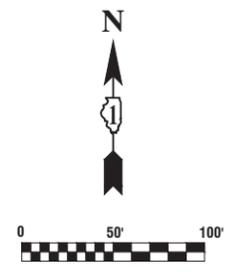
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USER NAME =	DESIGNED -- MPN	REVISED --
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PLOT SCALE = 1"=50'	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

135TH STREET ROADWAY RESURFACING PAVEMENT MARKING PLAN	
SCALE: H 1"=50' V 1"=5'	SHEET NO. 44 OF 76 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	44
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



PAVEMENT MARKING LEGEND

- (A) THERMOPLASTIC PAVEMENT MARKING - 4" LINE DOUBLE YELLOW (11" C-C)
- (B) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW SKIP DASH (10' LINE WITH 30' SPACE)
- (C) THERMOPLASTIC PAVEMENT MARKING - 4" LINE YELLOW LINE
- (D) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE LINE
- (E) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (10' LINE WITH 30' SPACE)
- (F) THERMOPLASTIC PAVEMENT MARKING - 4" LINE WHITE SKIP DASH (2' LINE-6' SPACE)
- (G) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE LANE LINE
- (H) THERMOPLASTIC PAVEMENT MARKING - 6" LINE WHITE CROSS-WALK (10' C-C / 6' C-C PER TC-13)
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- (J) THERMOPLASTIC PAVEMENT MARKING - 8" LINE WHITE LINE
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- (L) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL LINE (45 DEGREES SPACING PER TC-13)
- (M) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE CROSS-WALK (3' C-C)
- (N) THERMOPLASTIC PAVEMENT MARKING - 12" LINE WHITE DIAGONAL (3' C-C @ 45 DEGREES)
- (P) THERMOPLASTIC PAVEMENT MARKING - 24" LINE WHITE STOP BAR LINE
- (Q) THERMOPLASTIC PAVEMENT MARKING - WHITE LETTERS & SYMBOLS

NOTES

1. SEE TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKING FOR GUIDANCE.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN.

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 PLOT DATE = 08-07-23

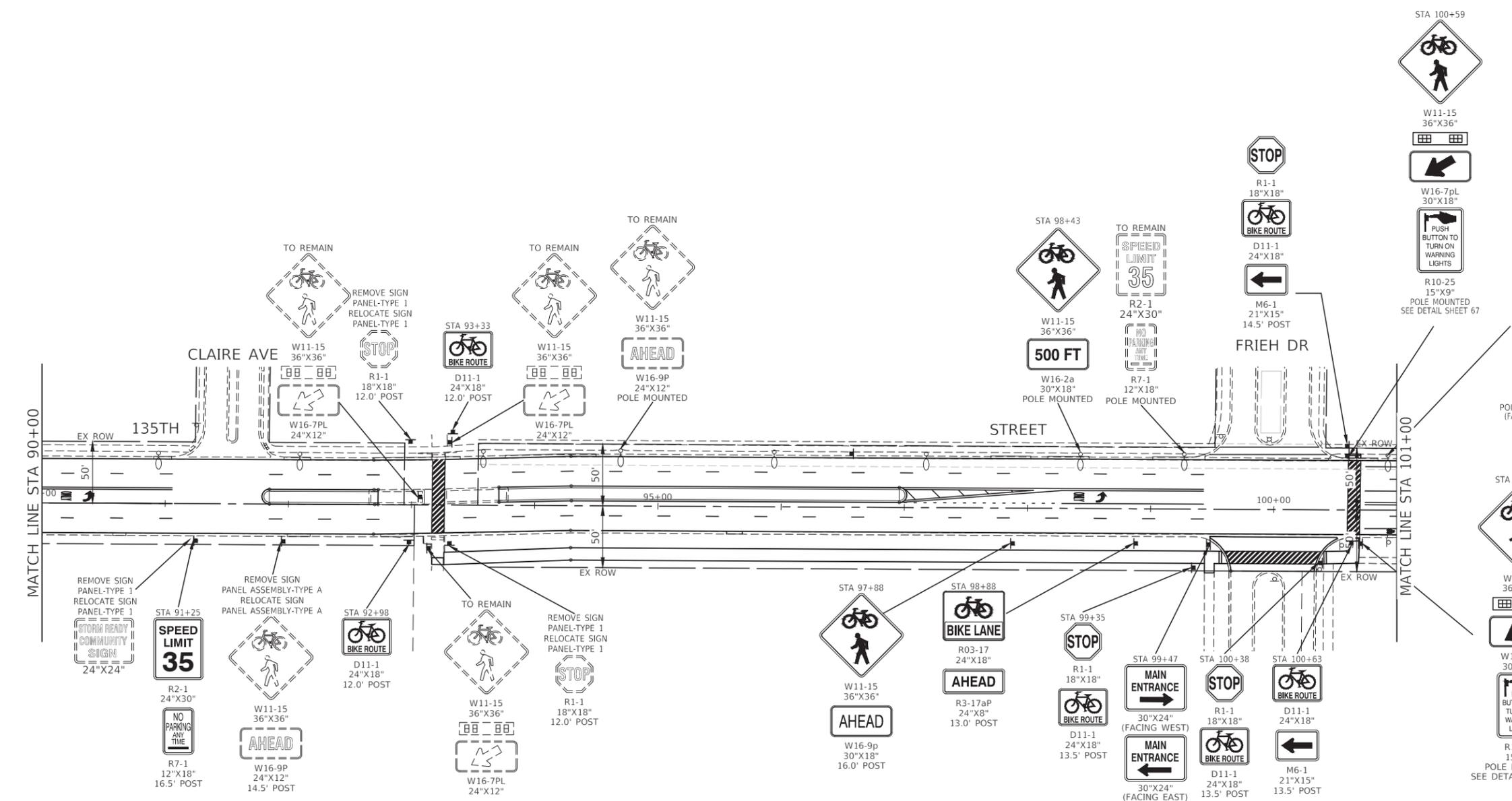
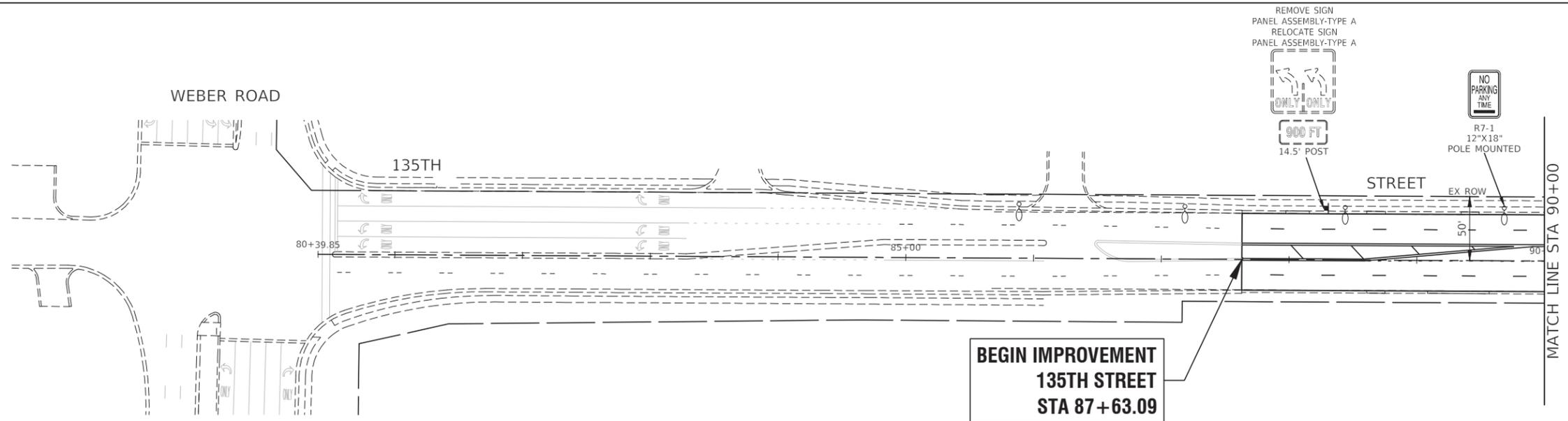
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CHECKED -- WPD	REVISD --
DRAWN -- RG	REVISD --
CHECKED -- AG	REVISD --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH STREET
ROADWAY RESURFACING
PAVEMENT MARKING PLAN**

SCALE: H 1"=50' V 1"=5' SHEET NO. 45 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	45
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



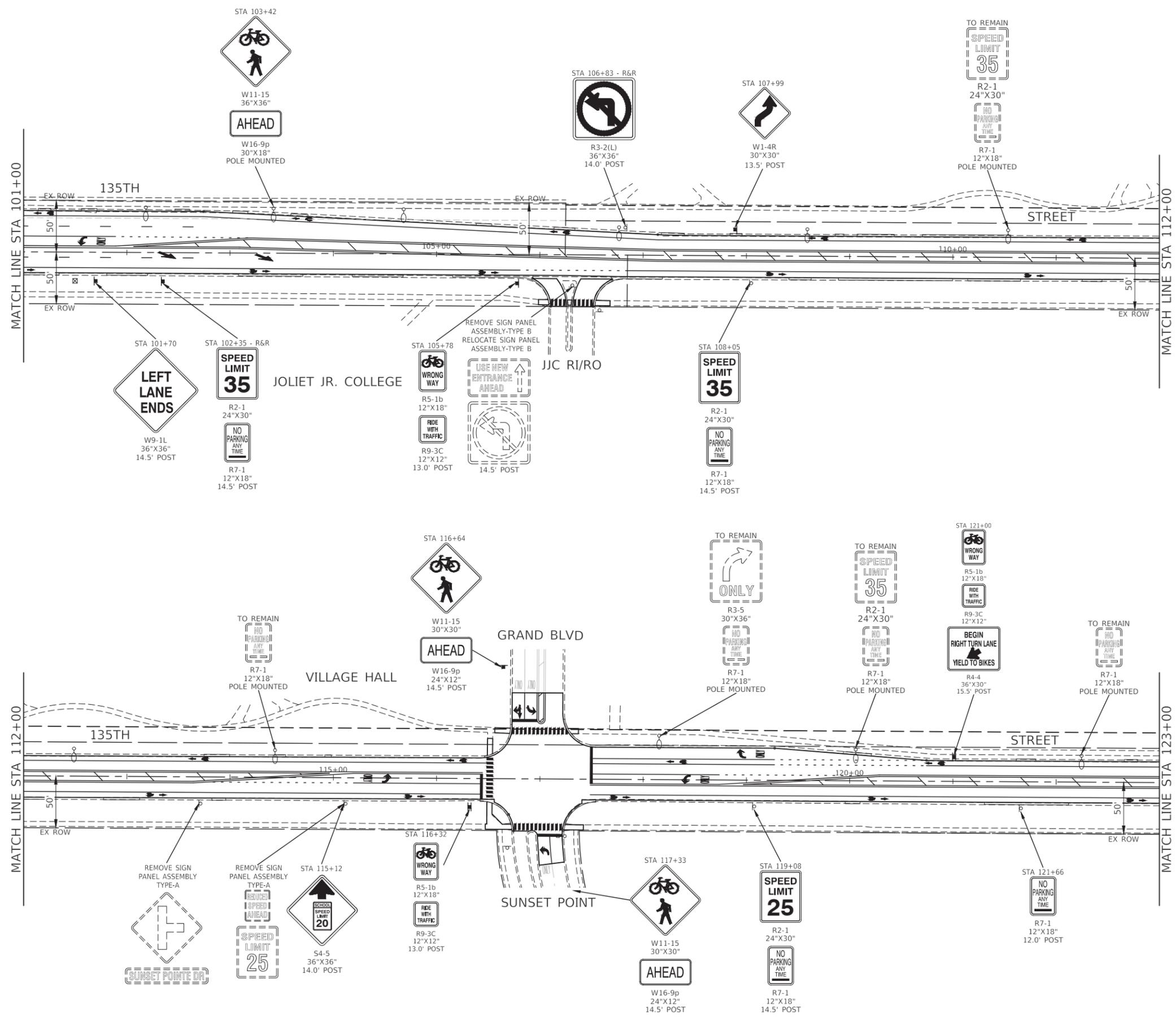
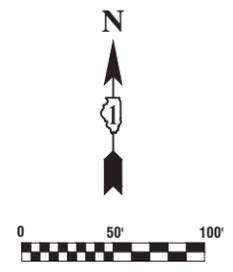
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 PLOT SCALE = 1"=50'
 PLOT DATE = 08-07-23

DESIGNED - MPN	REVISED -
CHECKED - WPD	REVISED -
DRAWN - RG	REVISED -
CHECKED - AG	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

135TH STREET
 ROADWAY RESURFACING
 SIGNING PLANS
 SCALE: 1"=50' SHEET NO. 46 OF 76 SHEETS STA. TO STA.

F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 46
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



FILE NAME = 18R1036_02-SIGN-01 - P02

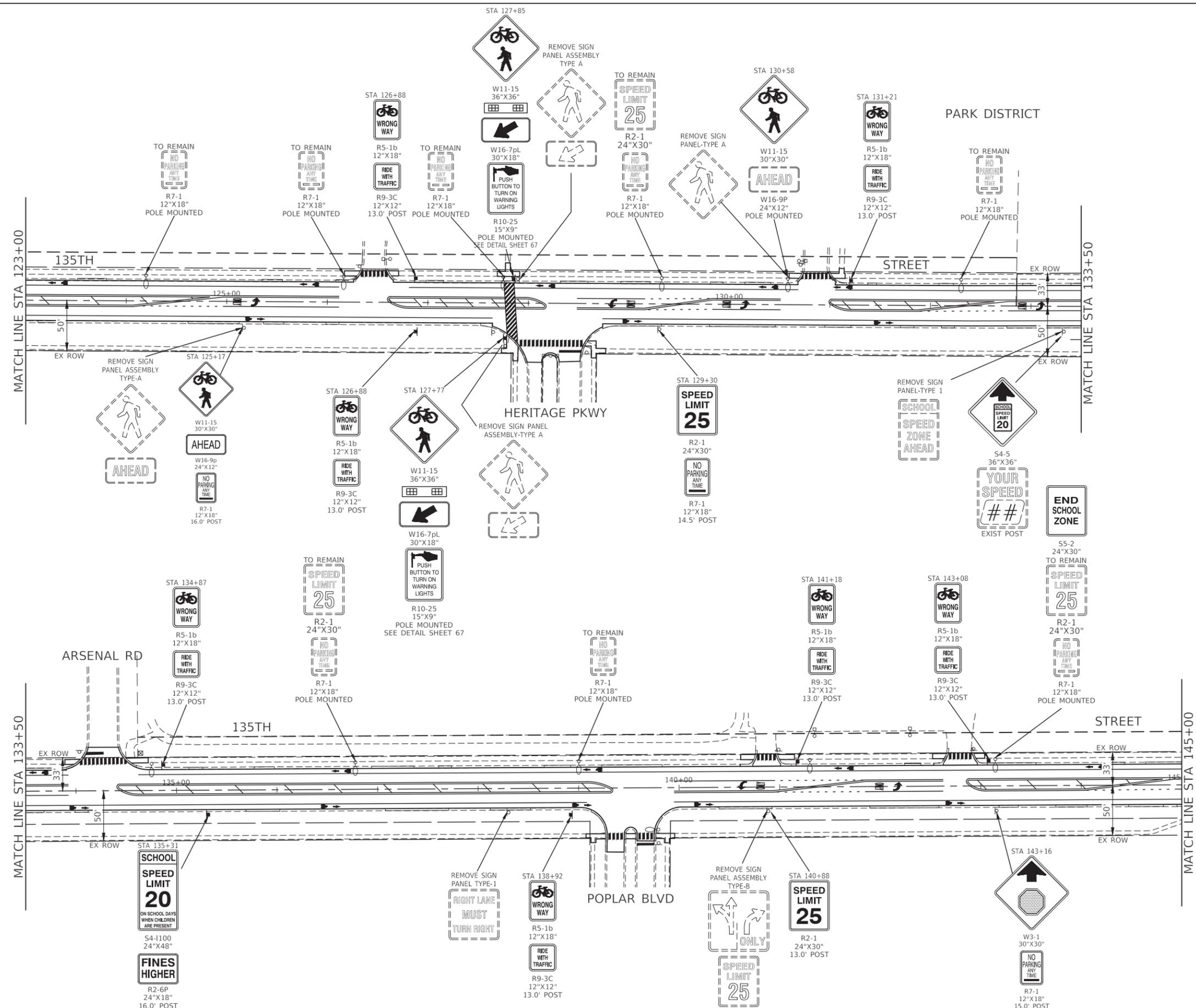
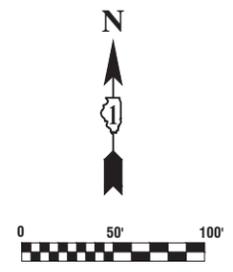
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PLOT SCALE = 1"=50'	CHECKED - WPD	REVISED -
PLOT DATE = 08-07-23	DRAWN - RG	REVISED -
	CHECKED - AG	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**135TH STREET
ROADWAY RESURFACING
SIGNING PLANS**

SCALE: 1"=50' SHEET NO. 47 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	47
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



FILE NAME = 18R1036_02-SIGN-01 - P03
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 PLOT SCALE = 1"=50'
 PLOT DATE = 08-07-23

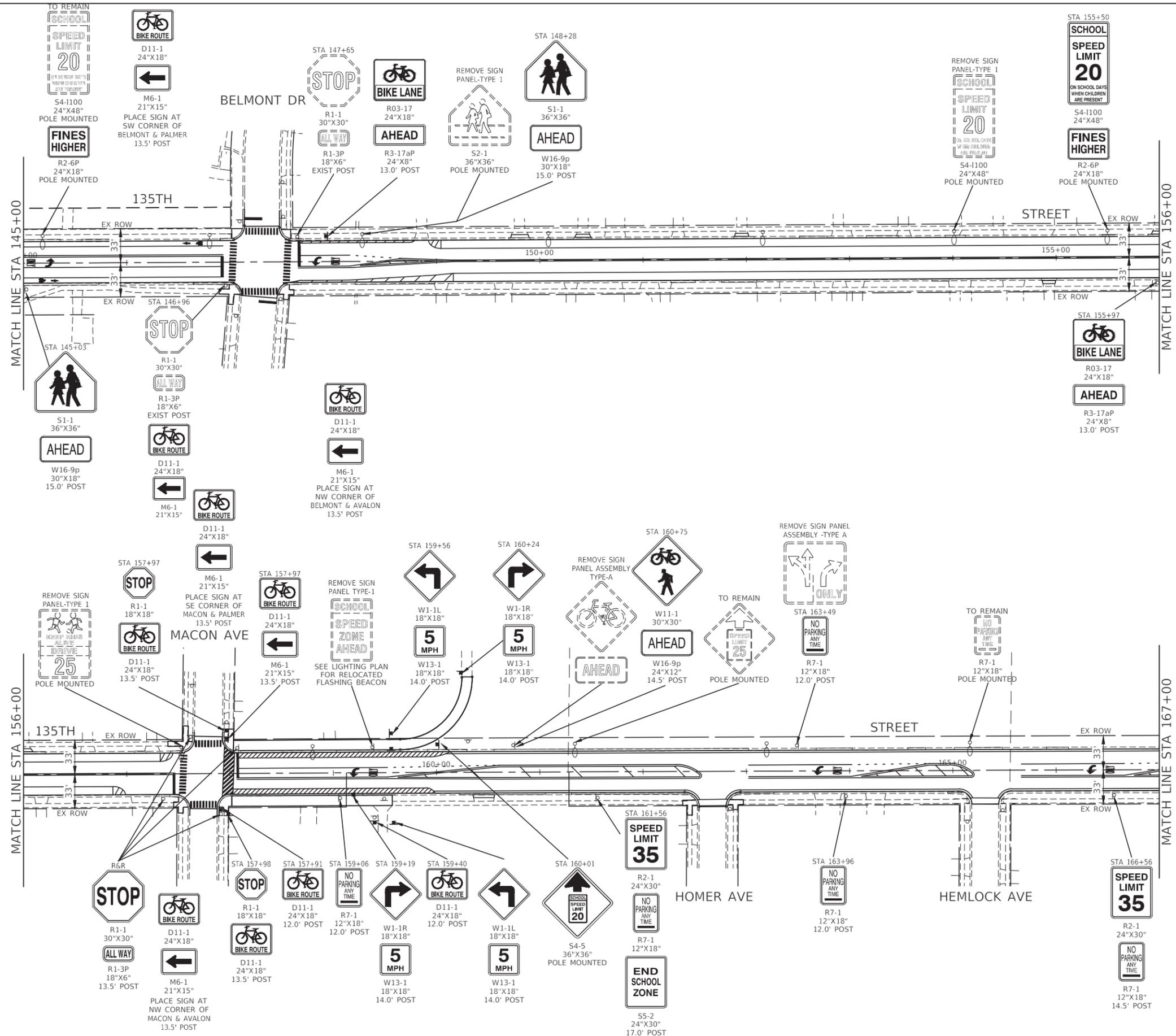
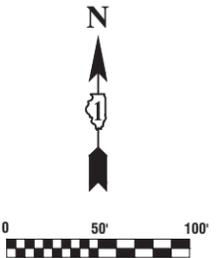
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CHECKED - WPD	REVISED -
DRAWN - RG	REVISED -
CHECKED - AG	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**135TH STREET
 ROADWAY RESURFACING
 SIGNING PLANS**

SCALE: 1"=50' SHEET NO. 48 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	48
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	APMT(993)	



NOTE:
 THE EXISTING STREET SIGNS AT THE TOP OF THE STOP SIGN PANEL ASSEMBLY ON THE SOUTHEAST CORNER OF 135TH STREET AND MACON AVENUE SHALL BE REUSED AND INSTALLED ON THE PROPOSED SIGN POST AND SHALL BE PAID FOR AS "RELOCATE SIGN PANEL - TYPE 1."

FILE NAME = 18R1036_02-SIGN-01 - P04

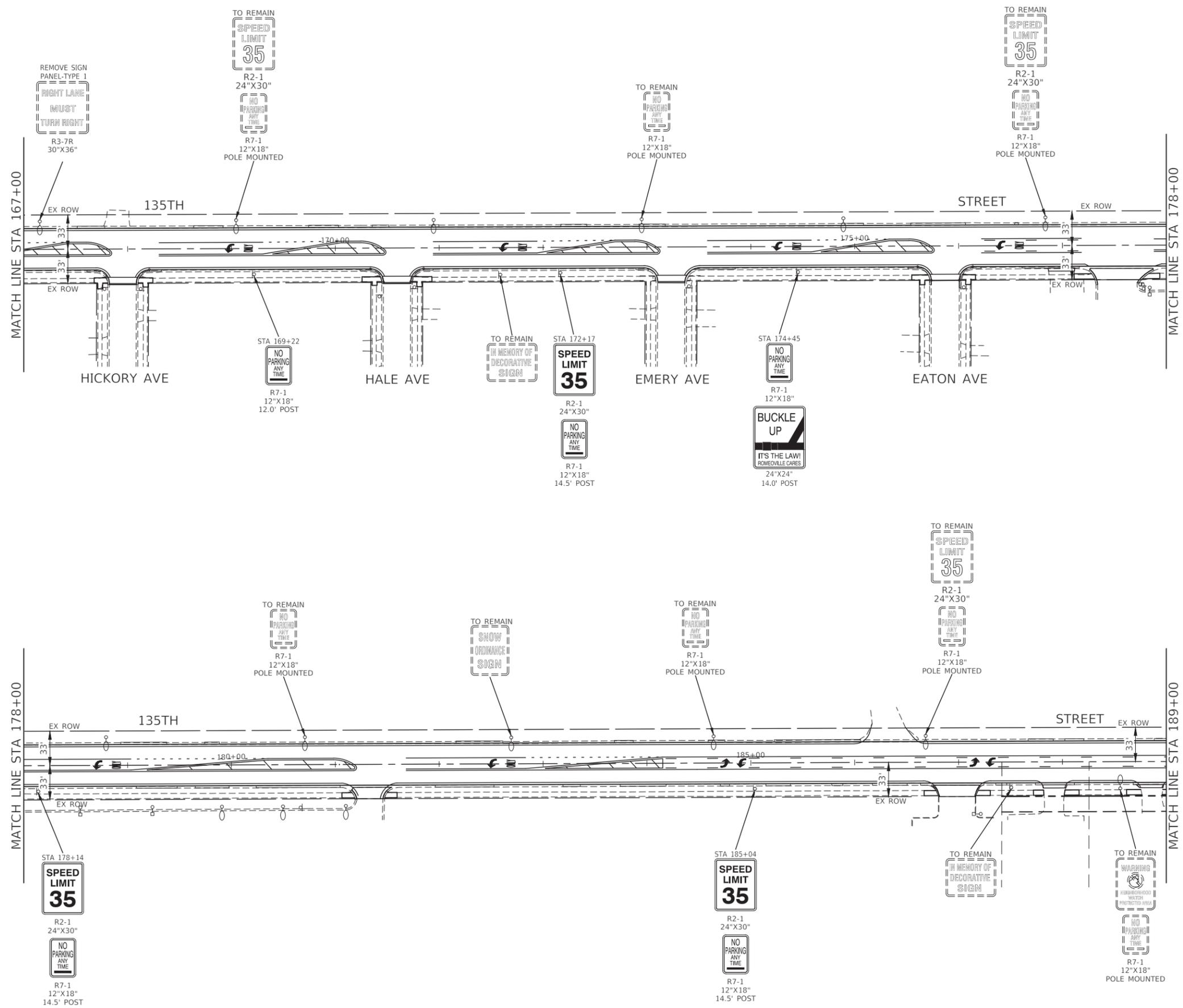
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PLOT DATE = 08-07-23	DRAWN - RG	REVISED -
	CHECKED - AG	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**135TH STREET
 ROADWAY RESURFACING
 SIGNING PLANS**

SCALE: 1"=50' SHEET NO. 49 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	49
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	APMT(993)	



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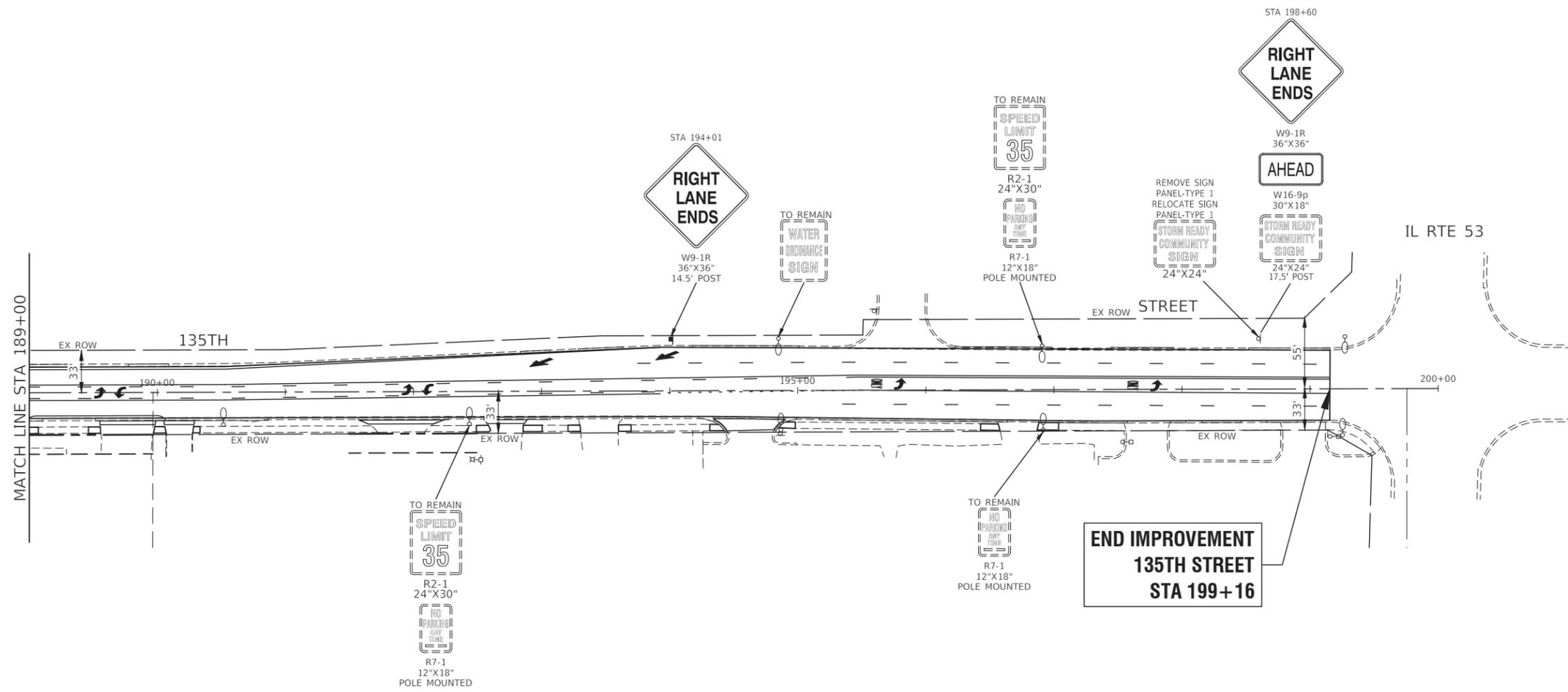
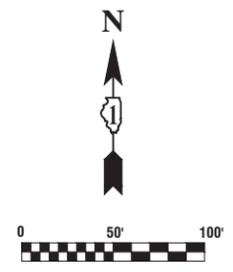
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	CHECKED - WPD	REVISED -
PLOT SCALE = 1"=50'	DRAWN - RG	REVISED -
PLOT DATE = 08-07-23	CHECKED - AG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET
ROADWAY RESURFACING
SIGNING PLANS

SCALE: 1"=50' SHEET NO. 50 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	50
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



FILE NAME = 18R1036_02-SIGN-01 - P06	USER NAME =	DESIGNED - MPN	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET ROADWAY RESURFACING SIGNING PLANS	
SCALE: 1"=50'	SHEET NO. 51 OF 76 SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	51
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	APMT(993)	

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

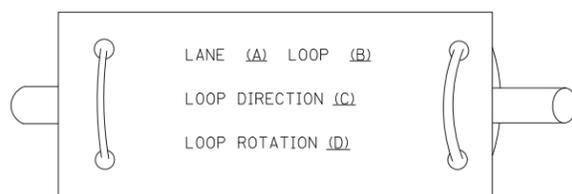
ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE			SIGNAL HEAD		
COMMUNICATION CABINET	ECC	CC	-ROUND			-(P) PROGRAMMABLE SIGNAL HEAD		
MASTER CONTROLLER	EMC	MC	HEAVY DUTY HANDHOLE -SQUARE			SIGNAL HEAD WITH BACKPLATE		
MASTER MASTER CONTROLLER	EMMC	MMC	-ROUND			-(P) PROGRAMMABLE SIGNAL HEAD		
UNINTERRUPTABLE POWER SUPPLY			DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD		
SERVICE INSTALLATION -(P) POLE MOUNTED			JUNCTION BOX			-(RB) RETROREFLECTIVE BACKPLATE		
SERVICE INSTALLATION -(G) GROUND MOUNTED			RAILROAD CANTILEVER MAST ARM			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
-(GM) GROUND MOUNTED METERED			RAILROAD FLASHING SIGNAL			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
TELEPHONE CONNECTION	ET	T	RAILROAD CROSSING GATE			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CROSSBUCK			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
ALUMINUM MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COAXIAL CABLE		
WOOD POLE			SYSTEM ITEM	S	SP	VENDOR CABLE		
GUY WIRE			INTERSECTION ITEM	I	IP	COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL HEAD			REMOVE ITEM		R	FIBER OPTIC CABLE -NO. 62.5/125, MM12F		
SIGNAL HEAD WITH BACKPLATE			RELOCATE ITEM		RL	-NO. 62.5/125, MM12F SM12F		
SIGNAL HEAD OPTICALLY PROGRAMMED			ABANDON ITEM		A	-NO. 62.5/125, MM12F SM24F		
FLASHER INSTALLATION -(FS) SOLAR POWERED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	GROUND ROD -(C) CONTROLLER		
PEDESTRIAN SIGNAL HEAD			MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF	-(M) MAST ARM		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF	-(P) POST		
RADAR DETECTION SENSOR			DETECTOR LOOP, TYPE I			-(S) SERVICE		
VIDEO DETECTION CAMERA			PERFORMED DETECTOR LOOP					
RADAR/VIDEO DETECTION ZONE			SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
CONFIRMATION BEACON			WIRELESS DETECTOR SENSOR					
WIRELESS INTERCONNECT			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR						

TS SHT NO. 1

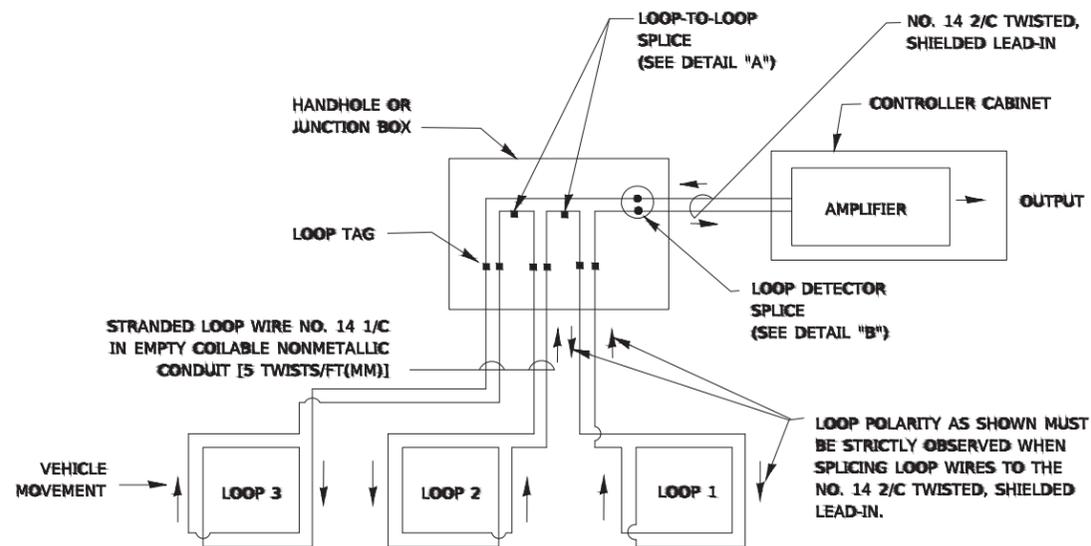
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVESHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

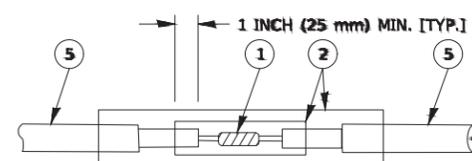


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

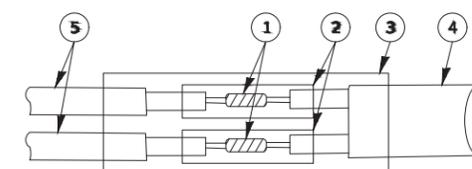


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

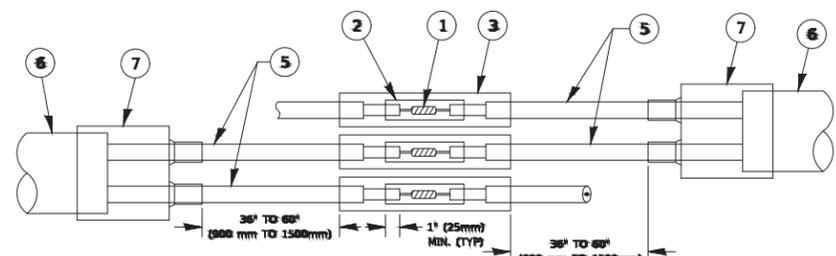


DETAIL "A"
LOOP-TO-LOOP SPLICE

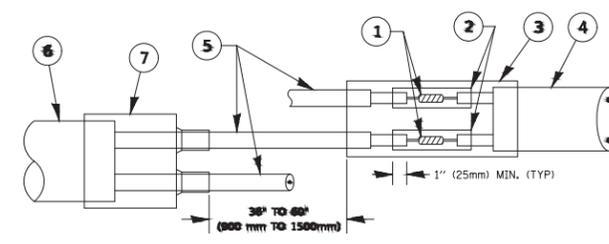


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

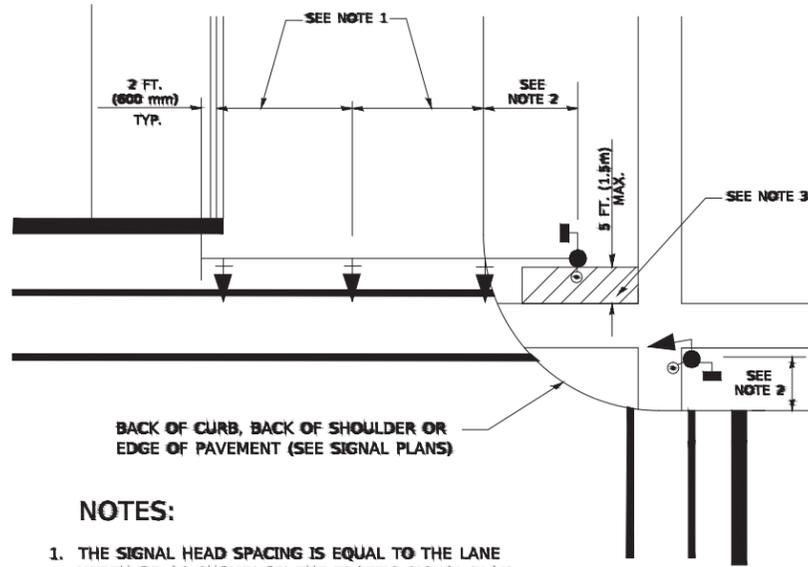
- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PREFORMED LOOP
- 6 XL POLYOLEFIN 2 CONDUCTOR
- 7 BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

TS SHT NO. 2

FILE NAME = 18R1036_02-DTLS-TS05 - P02	USER NAME = j.Tobert	DESIGNED --	REVISD --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		CHECKED --	REVISD --			1	20-00069-00-BT	WILL	76	53	
		PLOT SCALE = 1/8" = 1' / in.	DRAWN --			REVISD --	TS-05		CONTRACT NO. 61J80		
		PLOT DATE = 3/4/2013	CHECKED --			REVISD --	SCALE: NONE		SHEET NO. 53 OF 76 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

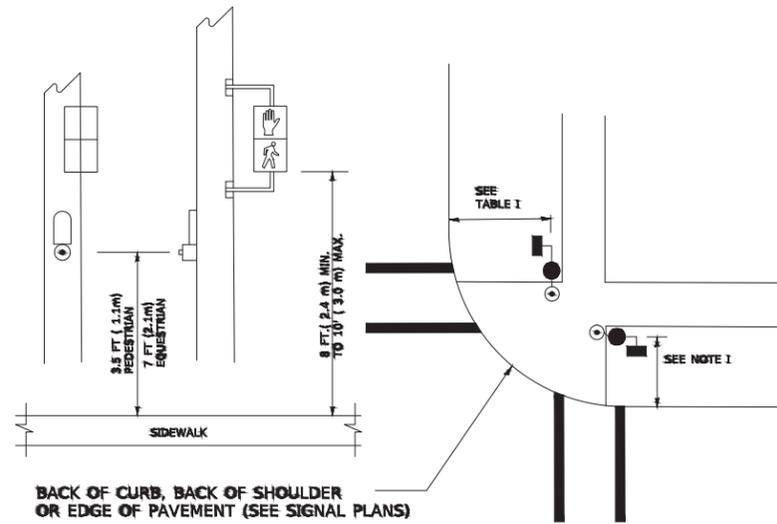
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

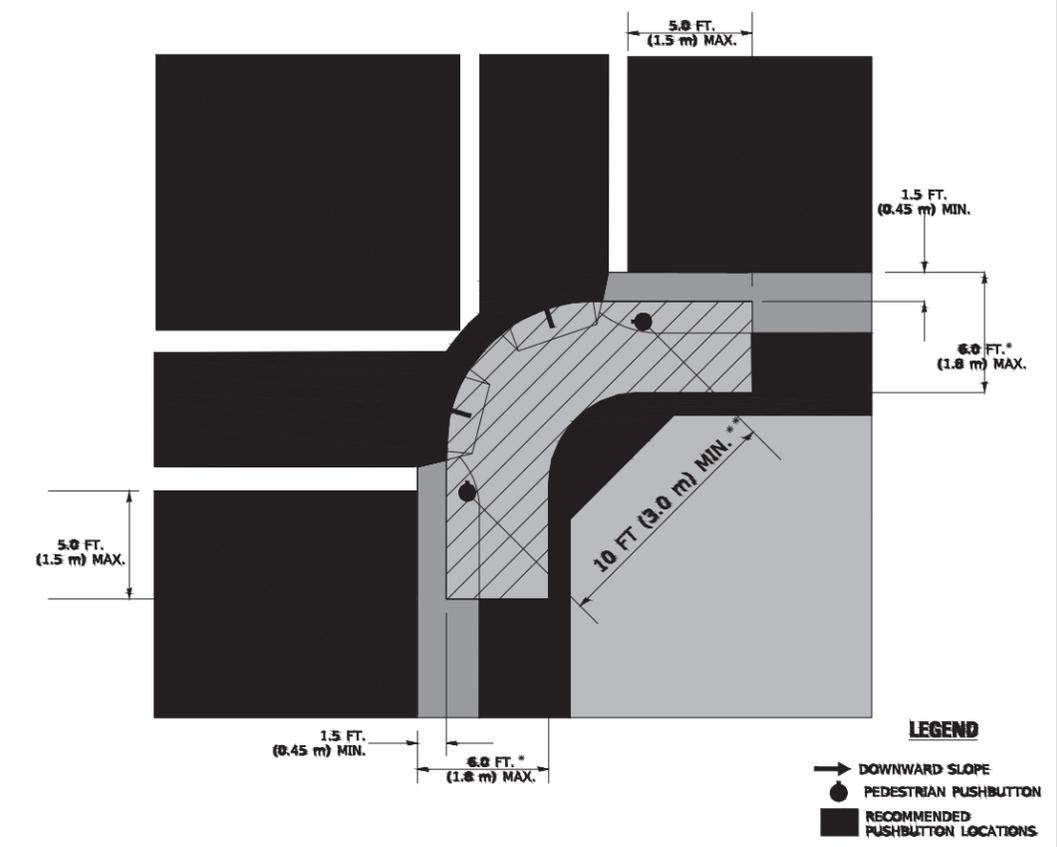
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

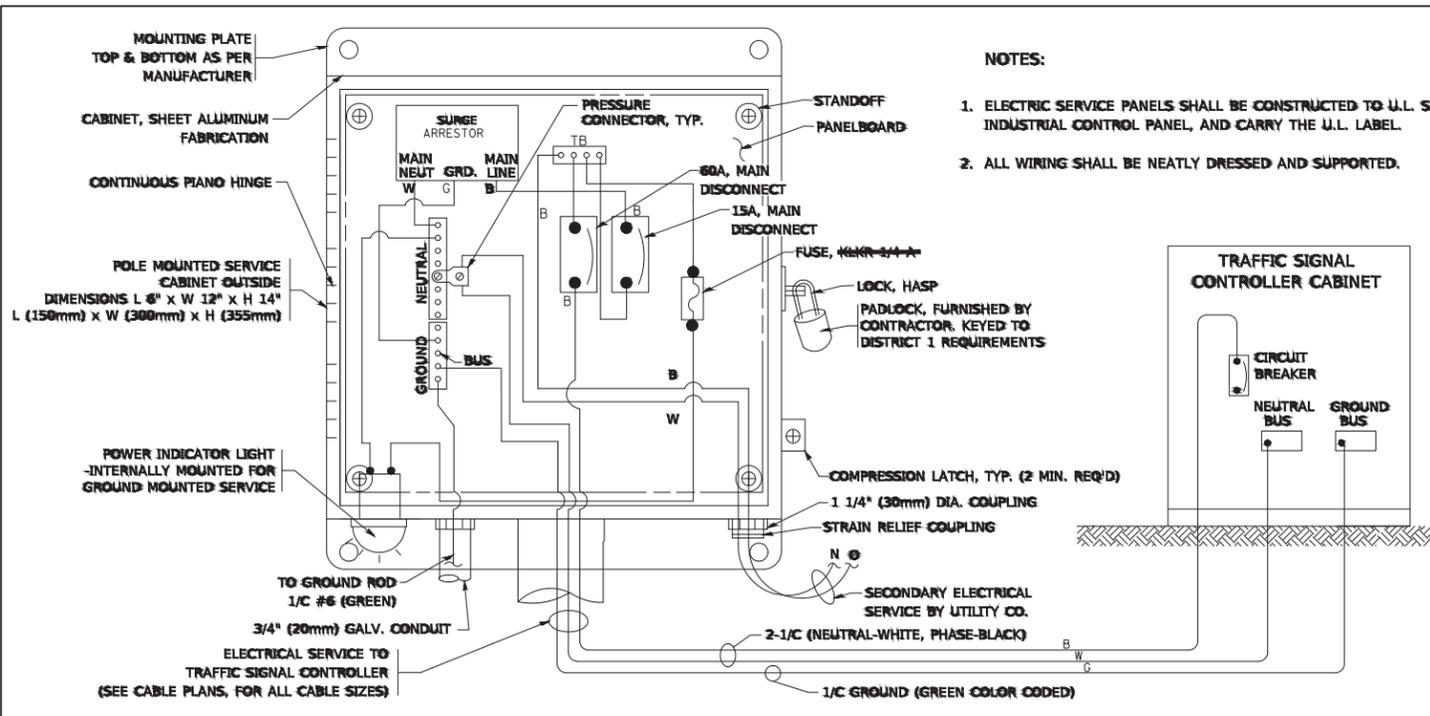
TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

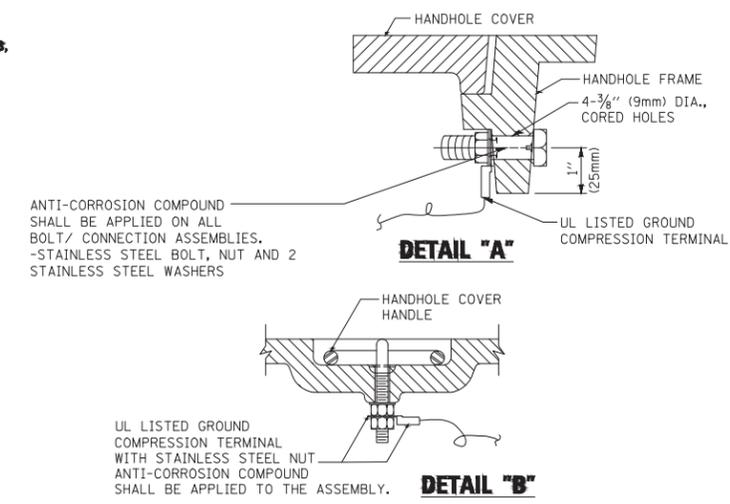
NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

TS SHT NO. 3

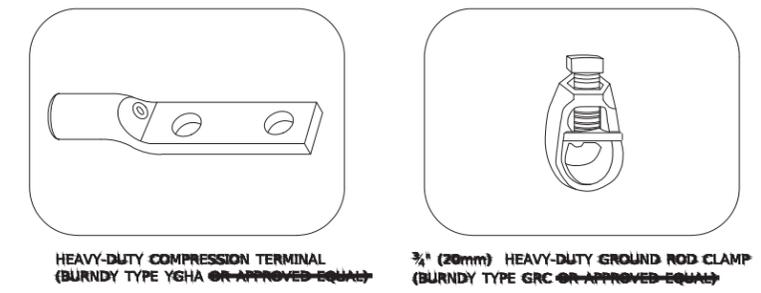
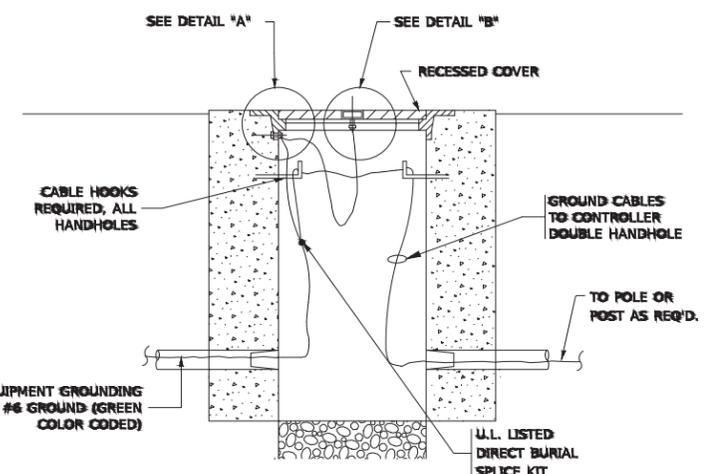


ELECTRICAL SERVICE - PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)

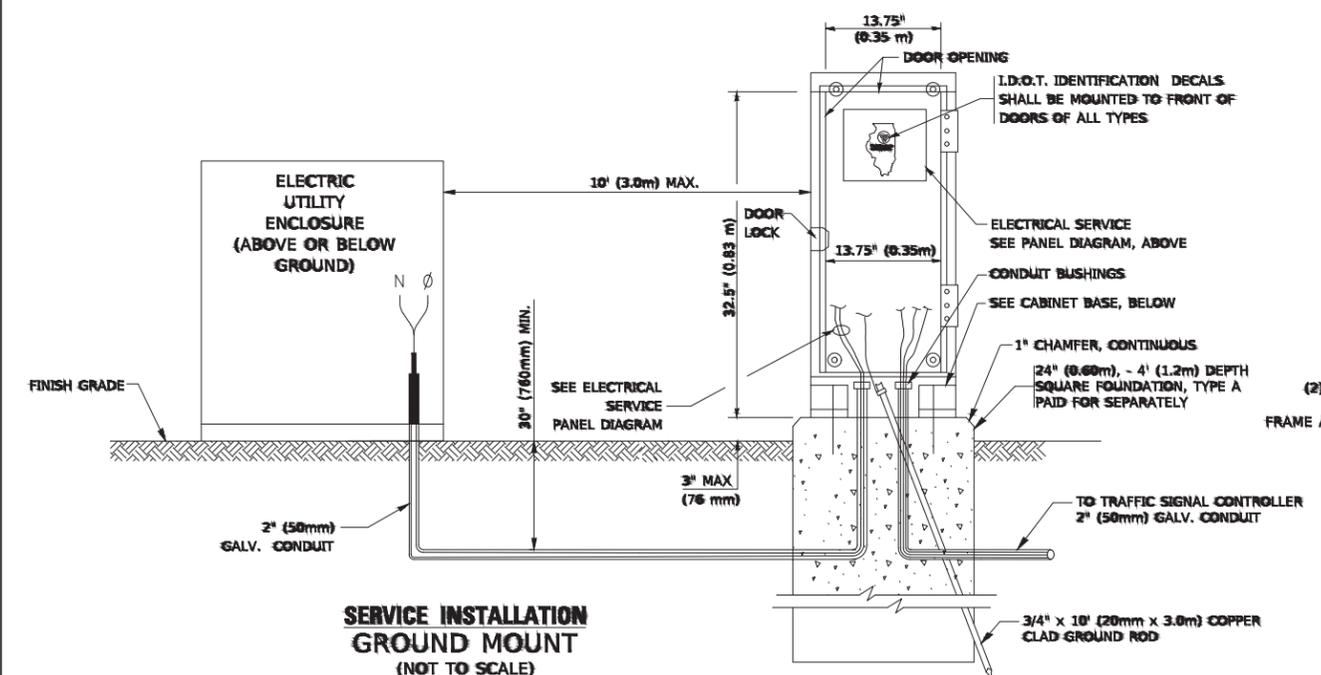


NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

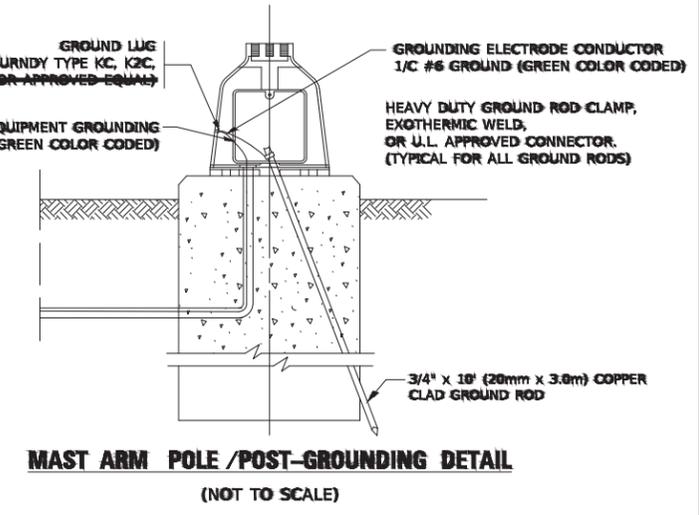
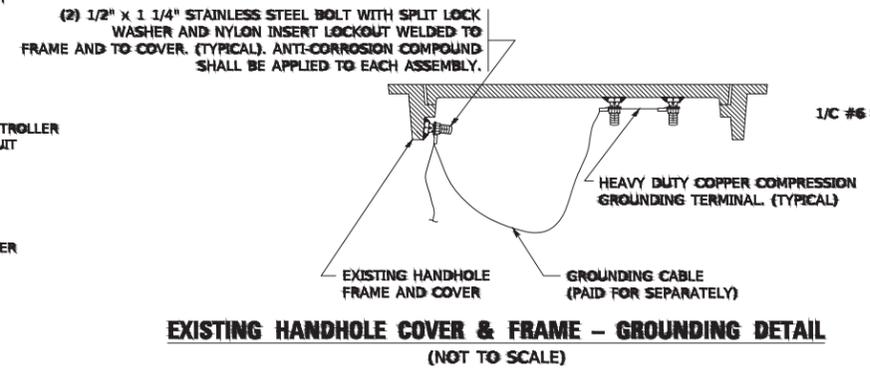
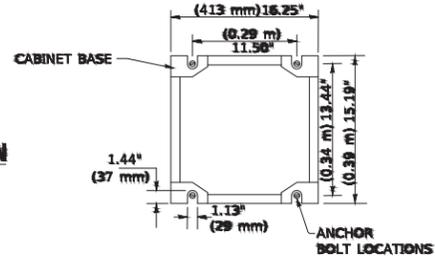


- NOTES:**
- ALL CLAMPS SHALL BE BRONZE OR COPPER, U.L. APPROVED.
 - GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET - BASE BOLT PATTERN
 (NOT TO SCALE)



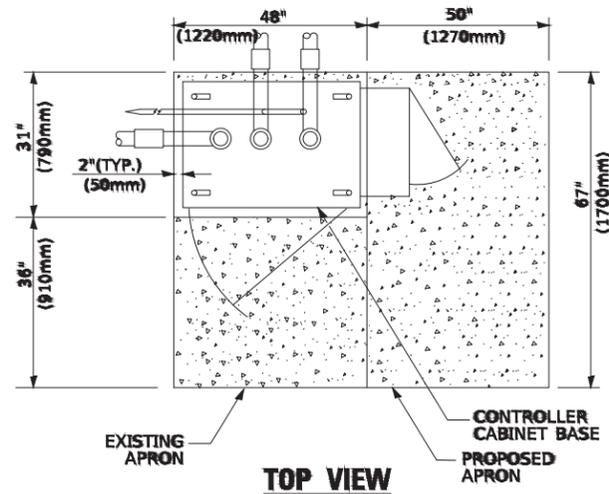
TS SHT NO. 4

FILE NAME = 18R1036_02-DTLS-TS05 - P04	USER NAME = Trueman	DESIGNED -	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE = 50,000 1 / in.	DRAWN -	REVISED -
	PLOT DATE = 3/4/2019	CHECKED -	REVISED -

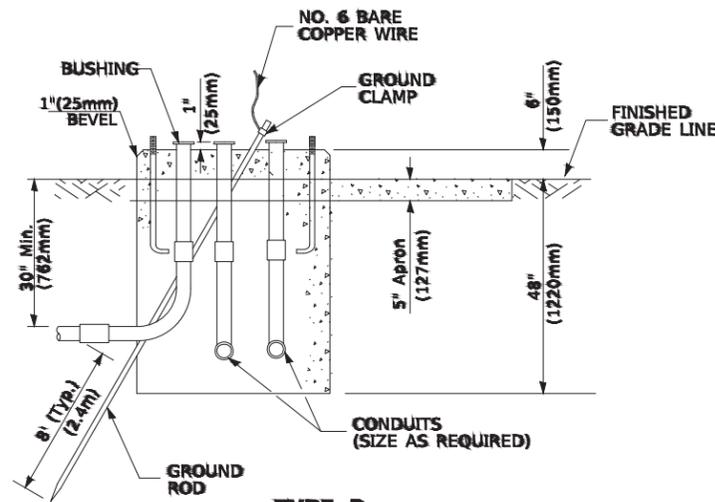
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

DISTRICT ONE			
STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET NO. 55 OF 76 SHEETS	STA. TO STA.	

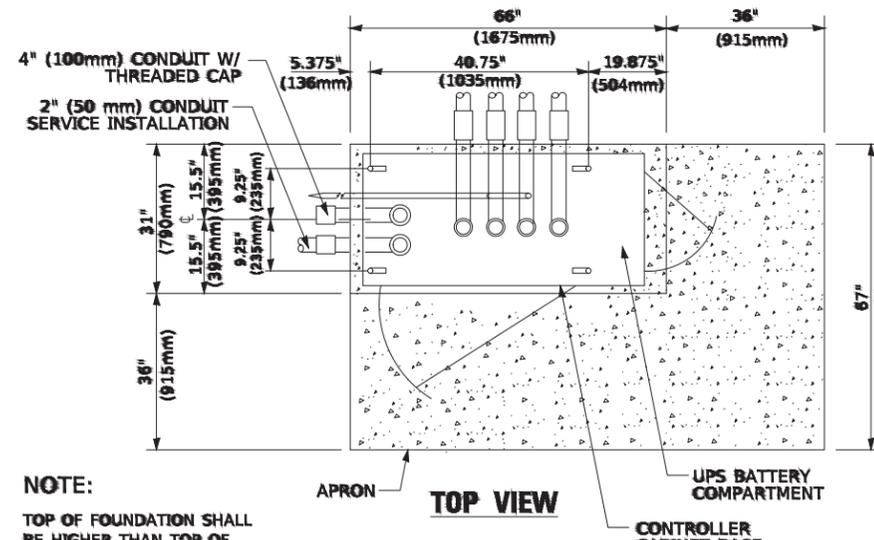
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	20-00069-00-BT	WILL	76	55
TS-05		CONTRACT NO. 61J80		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	APMT(993)	



TOP VIEW

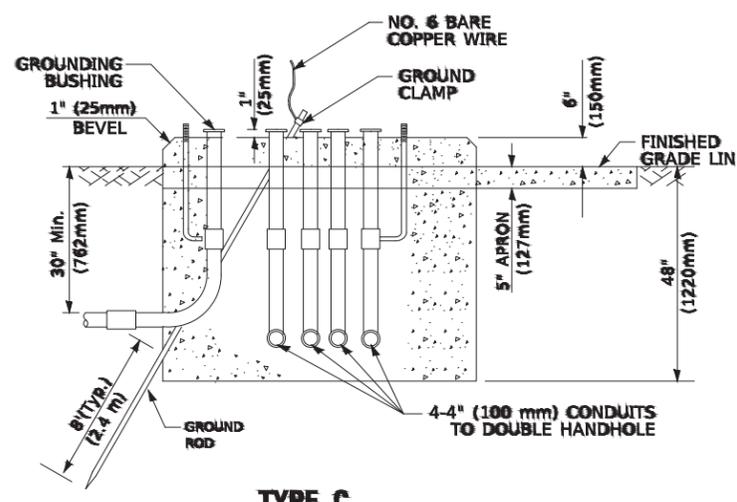


**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**

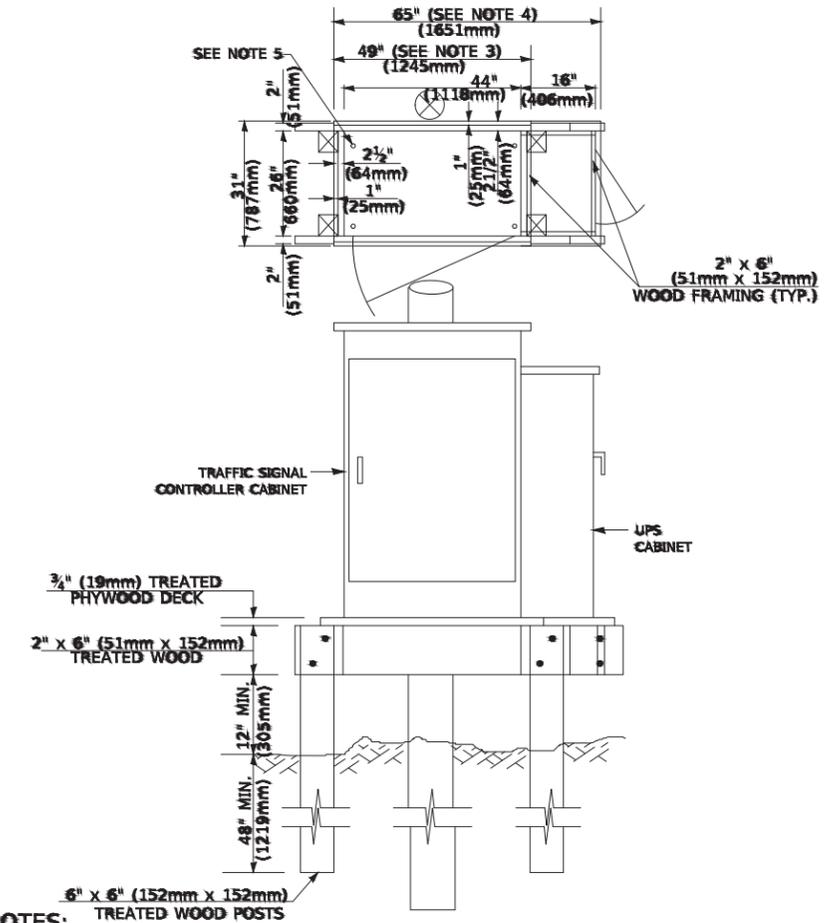


TOP VIEW

NOTE:
TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" (660mm X 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25" (406mm X 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

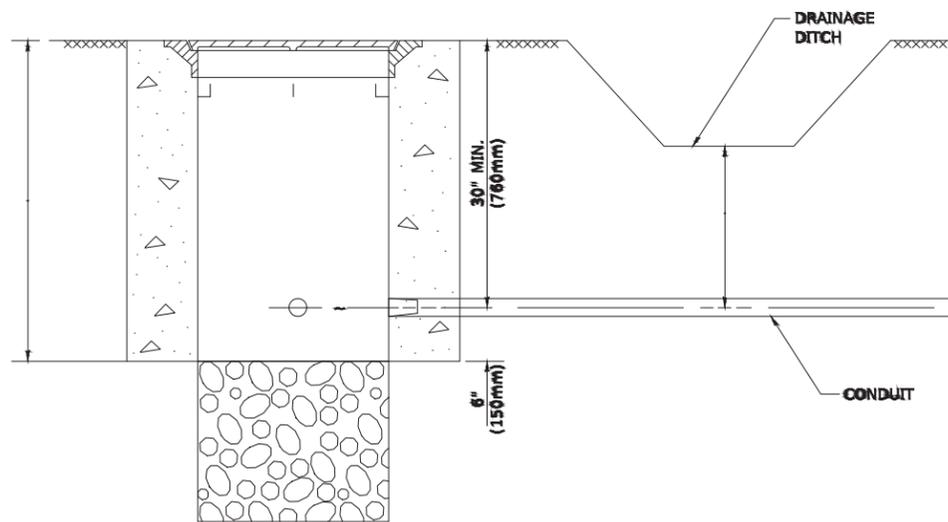
MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

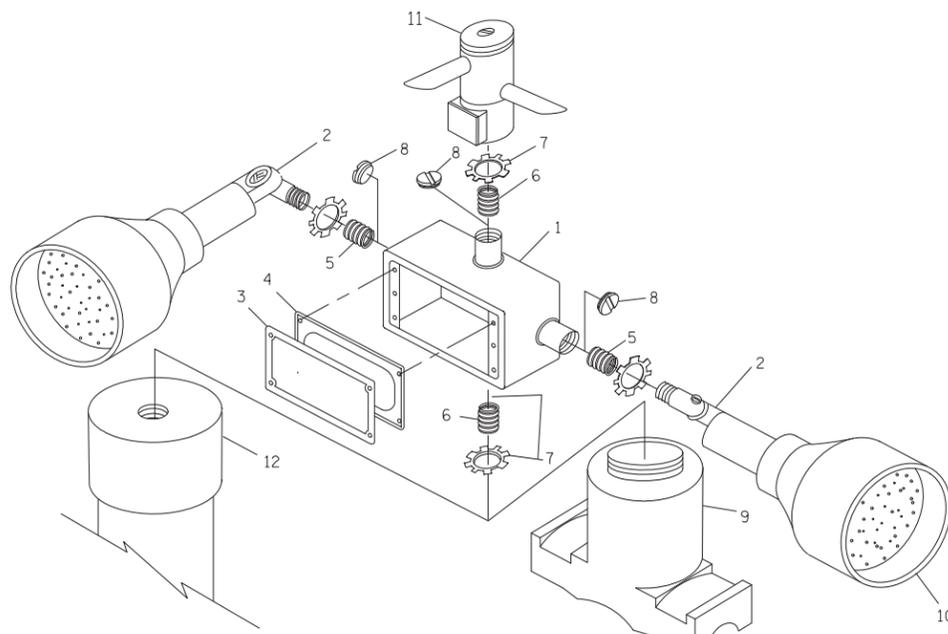
TS SHT NO. 5



NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

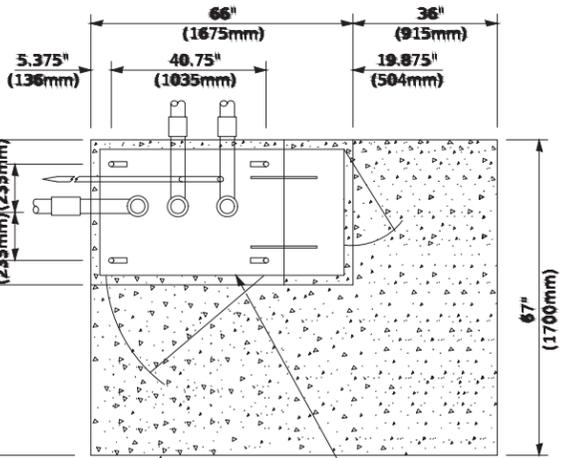
HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



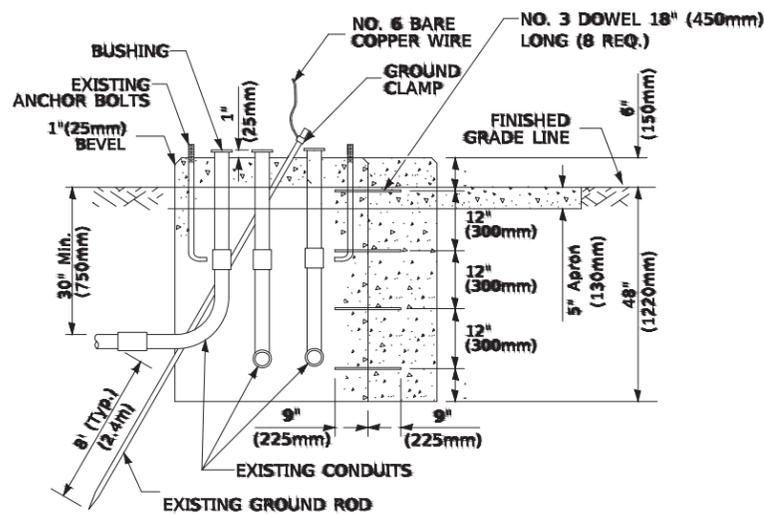
POST CAP MOUNT

MAST ARM MOUNT

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



PROPOSED APRON TOP VIEW
(NOT TO SCALE)

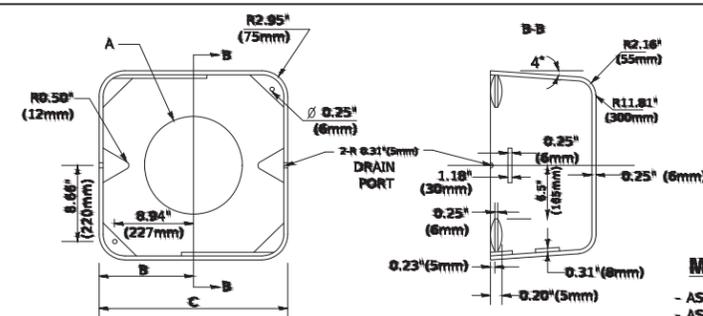


MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU. IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



MATERIAL
- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIABLES	9.5" (241mm)	19" (483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIABLES	10.75" (273mm)	21.5" (546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIABLES	13.0" (330mm)	26" (660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIABLES	18.5" (470mm)	37" (940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

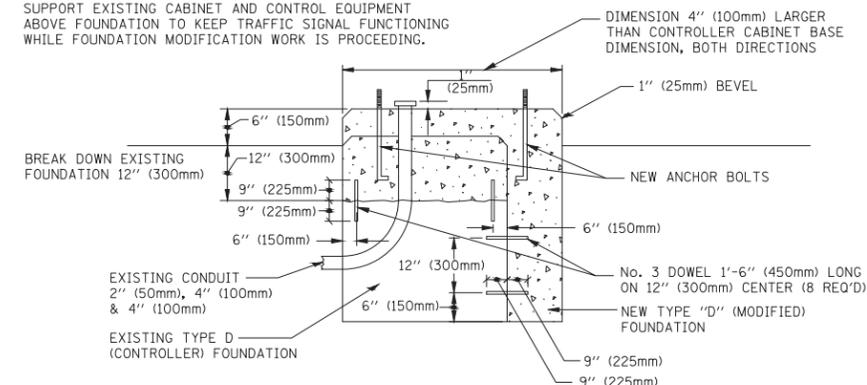
SHROUD

NOTES:

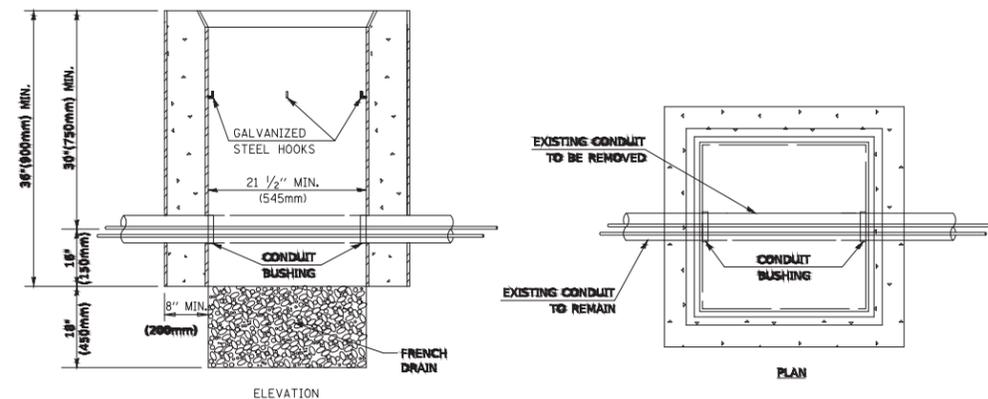
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFY THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

TS SHT NO. 6

FILE NAME = 18R1036_02-DTLS-TS05 - P06

USER NAME	DESIGNED	REVISION
Toolbox	—	—
	CHECKED	—
	REVISION	—
PLOT SCALE = 50.0000' / in.	DRAWN	—
	REVISION	—
PLOT DATE = 3/4/2019	CHECKED	—
	REVISION	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE

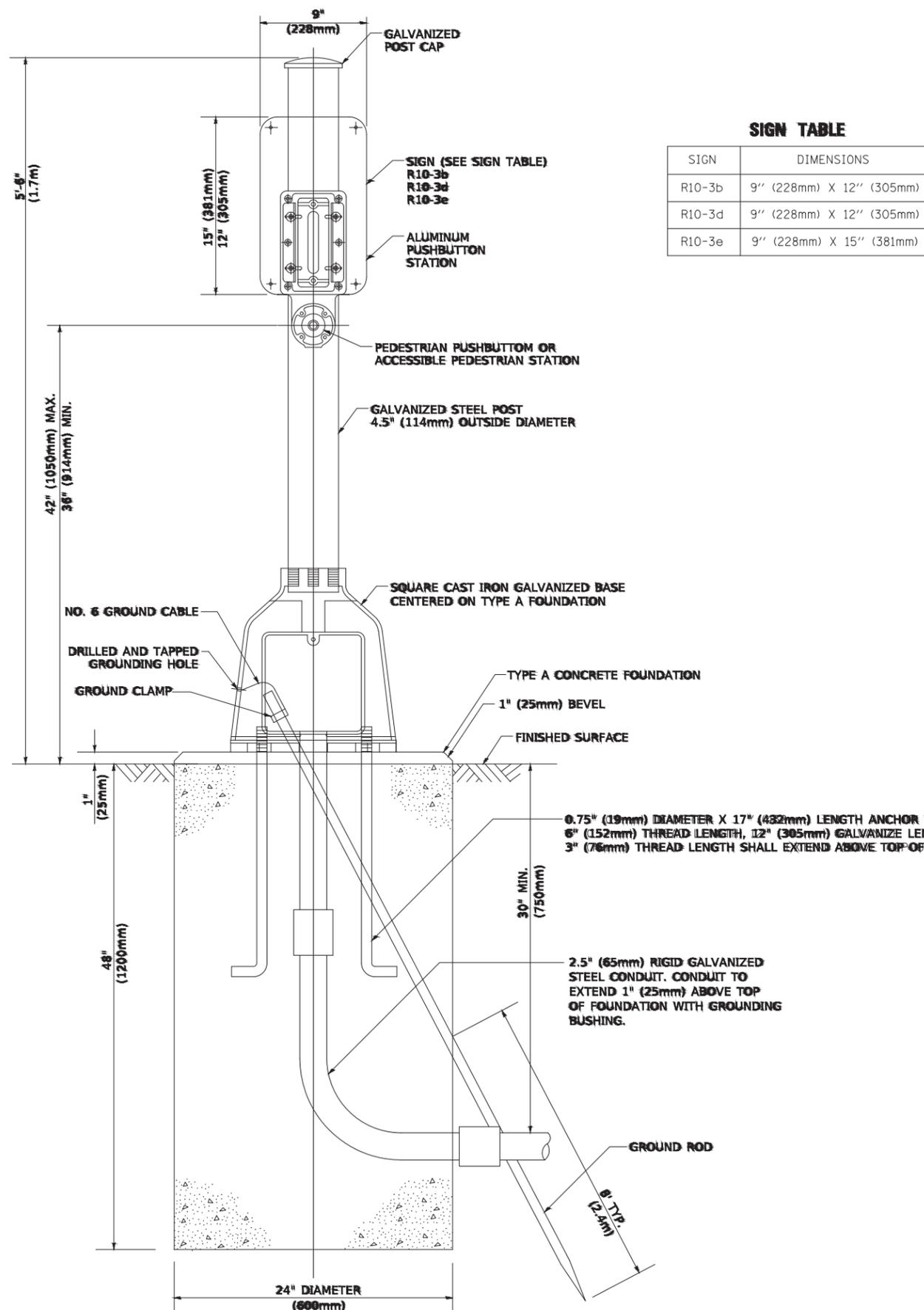
SHEET NO. 57 OF 76 SHEETS

STA.

TO STA.

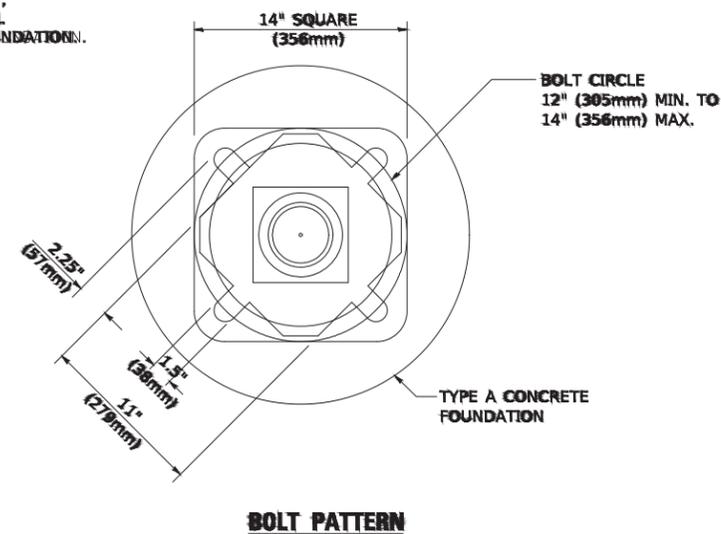
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	20-00069-00-BT	WILL	76	57
TS-05		CONTRACT NO. 61J80		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT APMT(993)		

TS SHT NO. 7



SIGN TABLE

SIGN	DIMENSIONS
R10-3b	9" (228mm) X 12" (305mm)
R10-3d	9" (228mm) X 12" (305mm)
R10-3e	9" (228mm) X 15" (381mm)



PEDESTRIAN PUSH BUTTON POST, TYPE A

FILE NAME = 18R1036_02-DTLS-TS05 - P07

USER NAME = /toatem/	DESIGNED --	REVISED --
	CHECKED --	REVISED --
PLOT SCALE = 50.0000' / in.	DRAWN --	REVISED --
PLOT DATE = 3/4/2012	CHECKED --	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET NO. 58 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1	20-00069-00-BT	WILL	76	58
TS-05		CONTRACT NO. 61J80		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT APMT(993)		



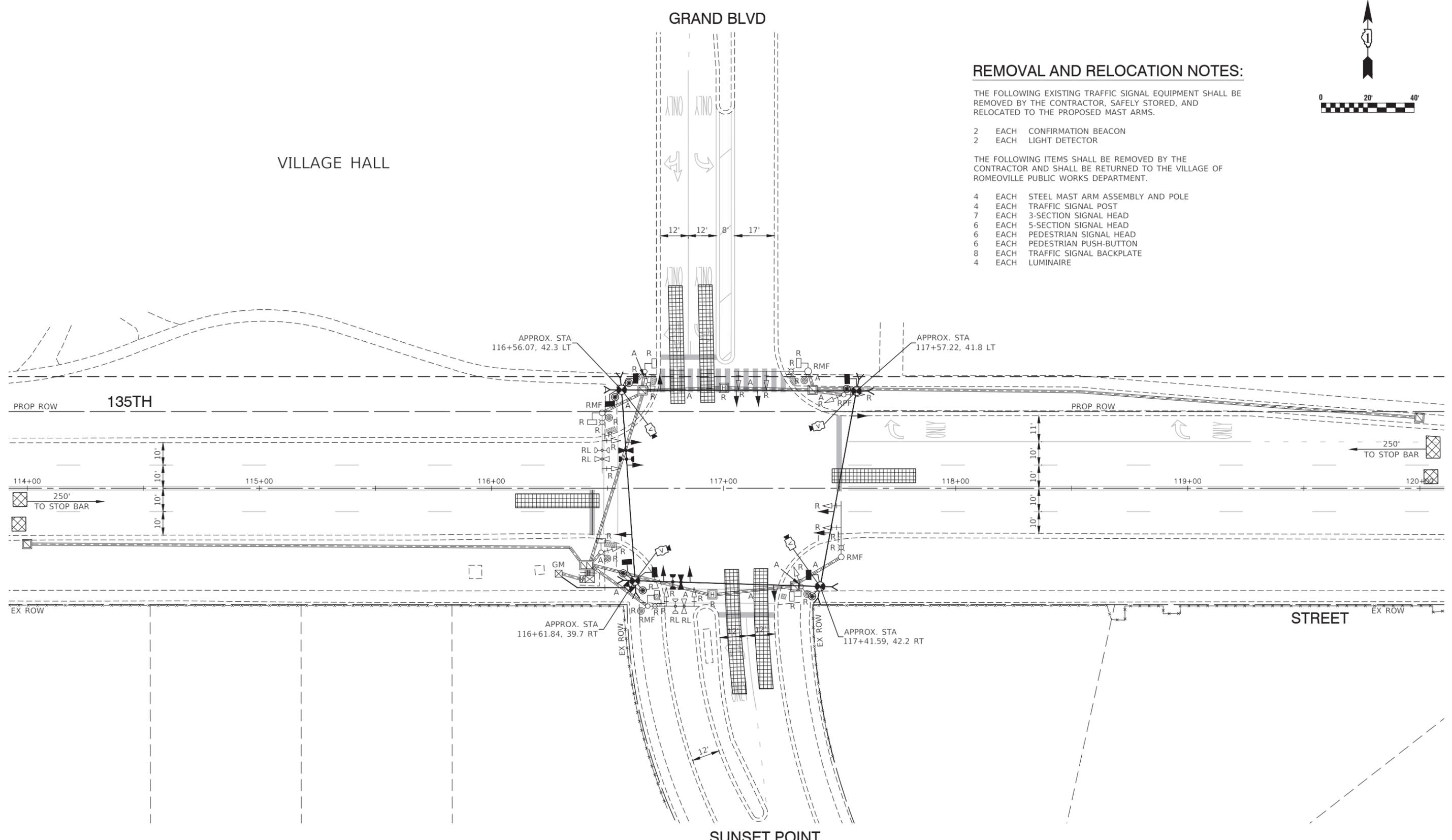
REMOVAL AND RELOCATION NOTES:

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SAFELY STORED, AND RELOCATED TO THE PROPOSED MAST ARMS.

- 2 EACH CONFIRMATION BEACON
- 2 EACH LIGHT DETECTOR

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE RETURNED TO THE VILLAGE OF ROMEOVILLE PUBLIC WORKS DEPARTMENT.

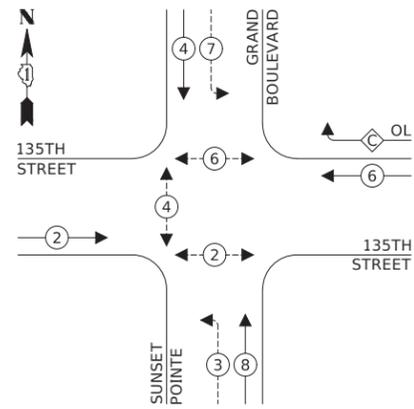
- 4 EACH STEEL MAST ARM ASSEMBLY AND POLE
- 4 EACH TRAFFIC SIGNAL POST
- 7 EACH 3-SECTION SIGNAL HEAD
- 6 EACH 5-SECTION SIGNAL HEAD
- 6 EACH PEDESTRIAN SIGNAL HEAD
- 6 EACH PEDESTRIAN PUSH-BUTTON
- 8 EACH TRAFFIC SIGNAL BACKPLATE
- 4 EACH LUMINAIRE



TS SHT NO. 8

FILE NAME = 18R1036_02-SGNL-01 - P01	USER NAME =	DESIGNED -- MPN	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET - ROADWAY RESURFACING TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN	F.A.U. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =	
	PLOT SCALE =	DRAWN -- RG/KWM	REVISED --			0282	20-00069-00-BT	WILL	76	59	
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --		SCALE: 1"=20'	SHEET NO. 59 OF 76 SHEETS	STA. TO STA.	CONTRACT NO. 61J80				
						FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT APMT(993)			

TEMPORARY CONTROLLER SEQUENCE



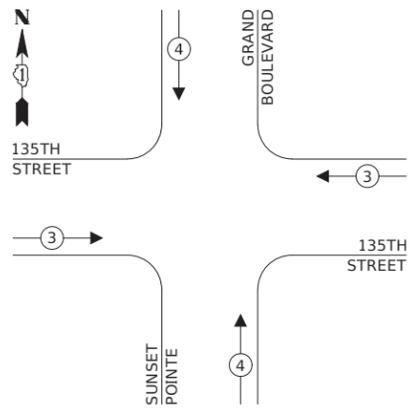
LEGEND:

- ← ⊙ — PROTECTED PHASE
- ← ⊙ — PROTECTED/PERMITTED PHASE
- ← ⊙ — PEDESTRIAN PHASE
- ← ⊙ OL — OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	= 6	+ 7

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



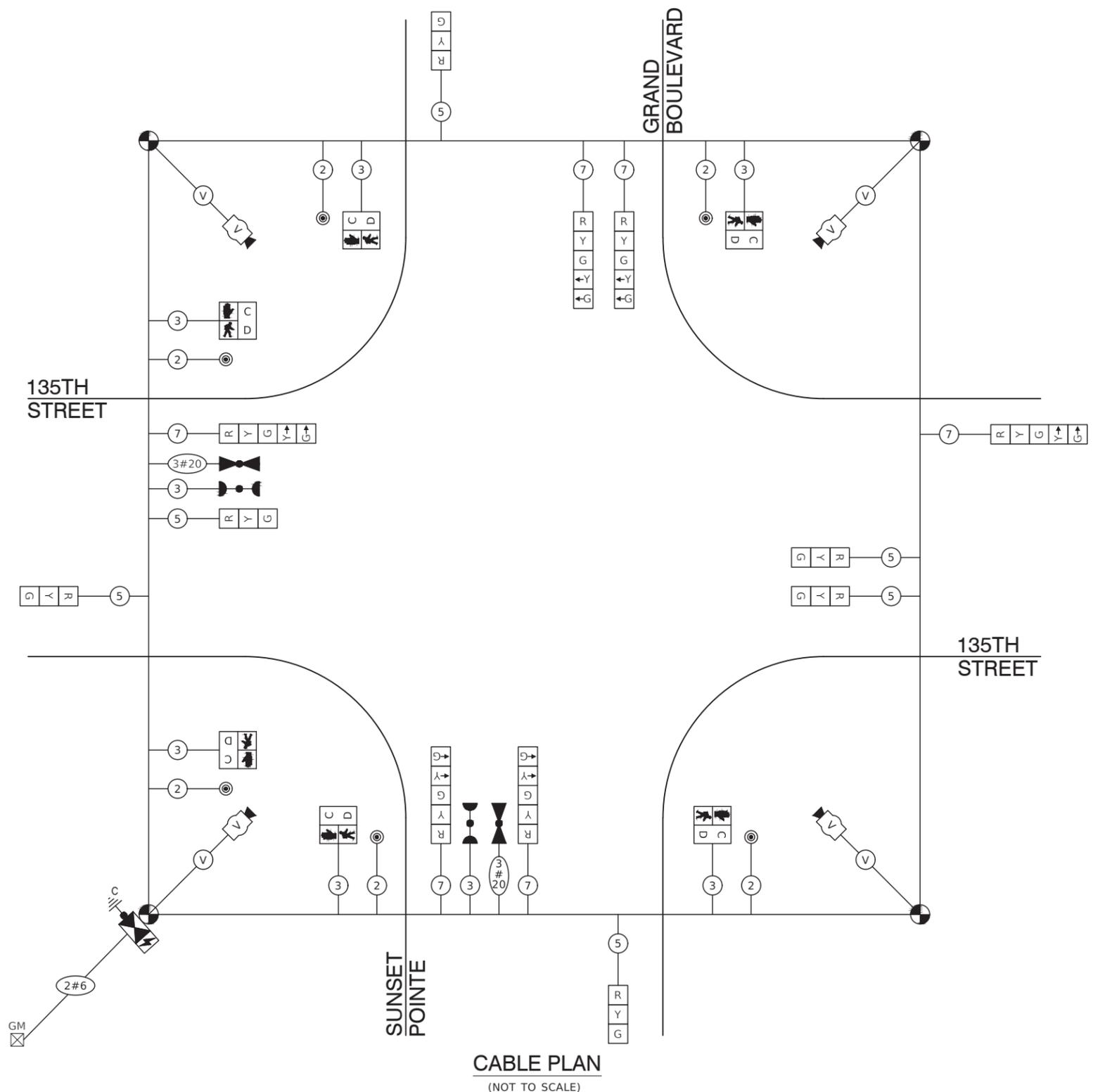
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66
(YELLOW)	12	20	5	12
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	12	10	10	12
PED. SIGNAL	6	20	100	120
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	1	150	100	150
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
TOTAL =				524.8

ENERGY COSTS TO:

VILLAGE OF ROMEOVILLE
1050 W ROMEO ROAD
ROMEOVILLE, IL 60446

ENERGY SUPPLY: CONTACT: COMED BUSINESS DEPARTMENT
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: -



CABLE PLAN
(NOT TO SCALE)

TS SHT NO. 9

FILE NAME = 18R1036_02-CBLE-01 - P01	USER NAME =	DESIGNED — SK	REVISED —
		CHECKED — WPD	REVISED —
	PLOT SCALE =	DRAWN — KWM	REVISED —
	PLOT DATE = 08-07-23	CHECKED — AG	REVISED —

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET - ROADWAY RESURFACING
TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

SCALE: N.T.S. SHEET NO. 60 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	60
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				

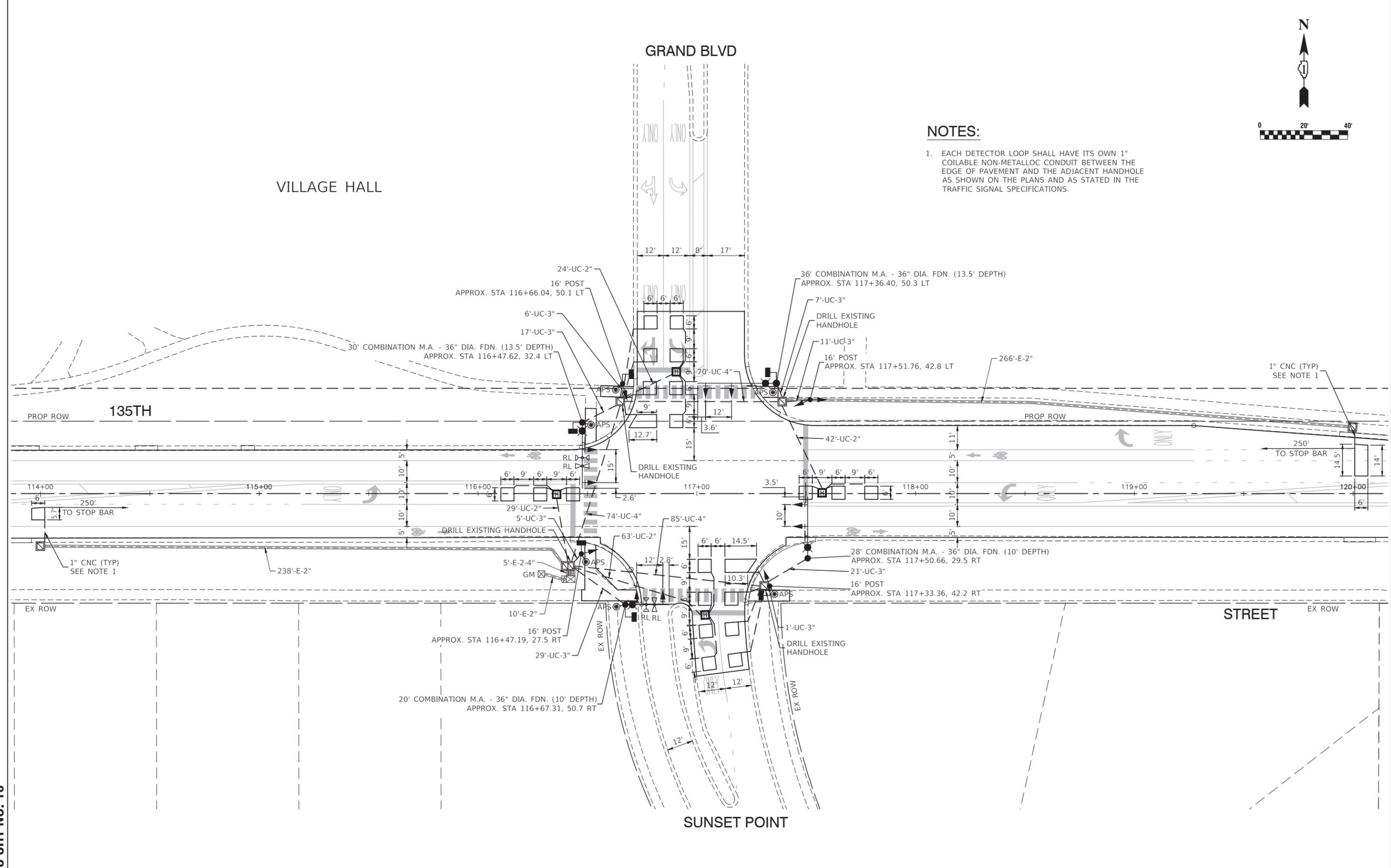


NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLOID CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

VILLAGE HALL

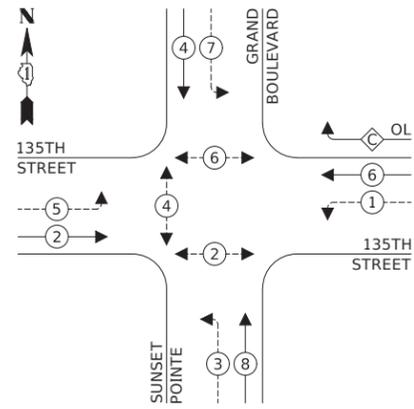
GRAND BLVD



TS SHT NO. 10

FILE NAME = 18R1036_02-SGNL-02 - P01	USER NAME =	DESIGNED -- MPN	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET - ROADWAY RESURFACING TRAFFIC SIGNAL MODERNIZATION PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN -- RG/KWM	REVISED --		SCALE: 1"=20'	SHEET NO. 61 OF 76 SHEETS	STA. TO STA.	0282	20-00069-00-BT	WILL	76
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --	REVISED --	CONTRACT NO. 61J80			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				

PROPOSED CONTROLLER SEQUENCE



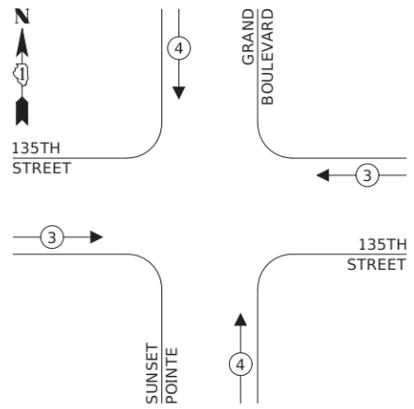
LEGEND:

- ← ⊙ — PROTECTED PHASE
- ← ⊙ - - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

RIGHT TURN OVERLAP PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	= 6	+ 7

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

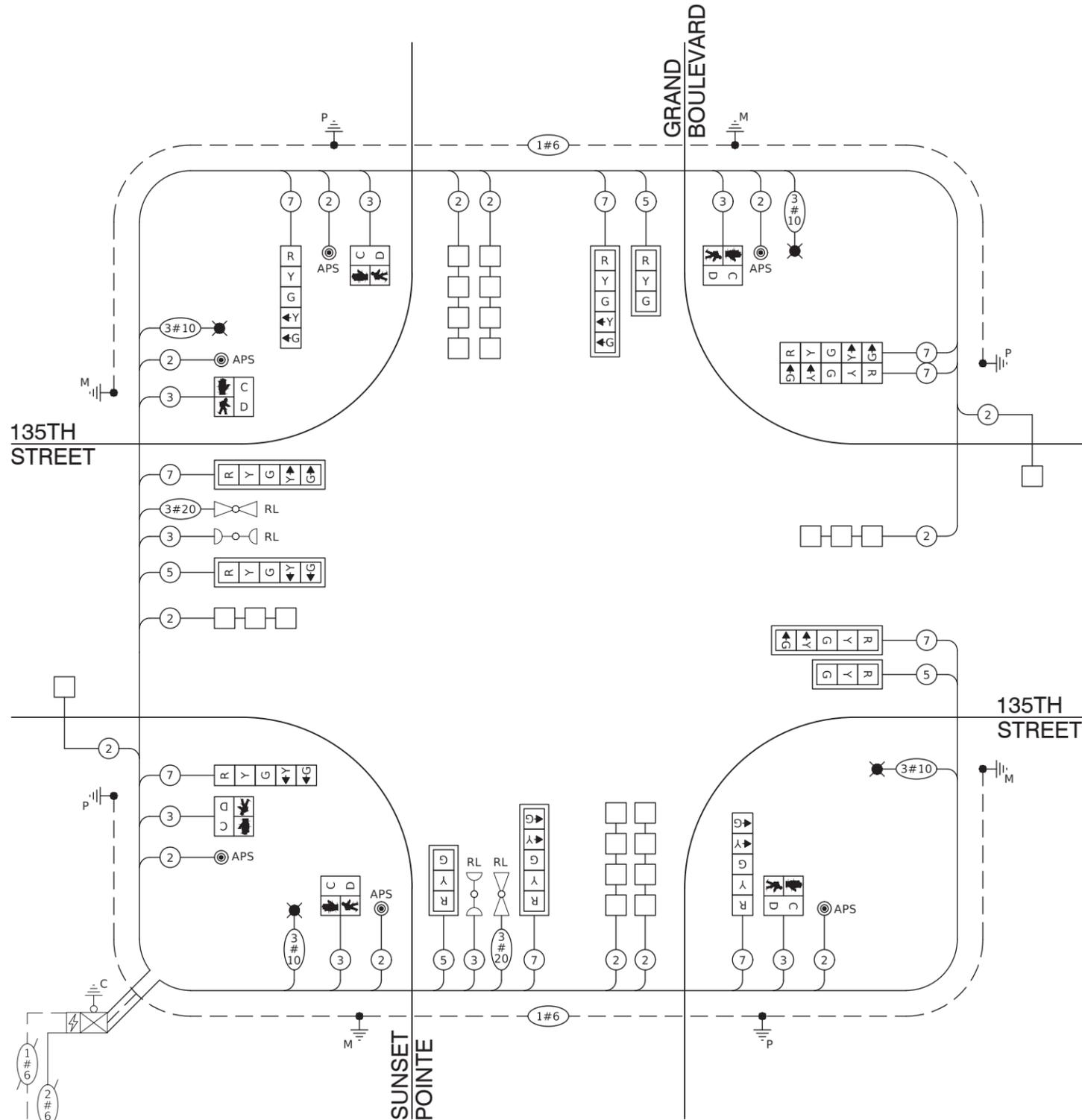
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13
(GREEN)	13	12	45	70.2
ARROW	20	10	10	20
PED. SIGNAL	6	20	100	120
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	0	-	-	-
BLANK-OUT SIGN	0	-	-	-
FLASHER	0	-	-	-
STREET NAME SIGN	0	-	-	-
LUMINAIRE	4	100	50	200
TOTAL =				619.7

ENERGY COSTS TO:

VILLAGE OF ROMEOVILLE
1050 W ROMEO ROAD
ROMEOVILLE, IL 60446

ENERGY SUPPLY: CONTACT: COMED BUSINESS DEPARTMENT
PHONE: 866-639-3532
COMPANY: COMED
ACCOUNT NUMBER: -

TS SHT NO. 11



CABLE PLAN
(NOT TO SCALE)

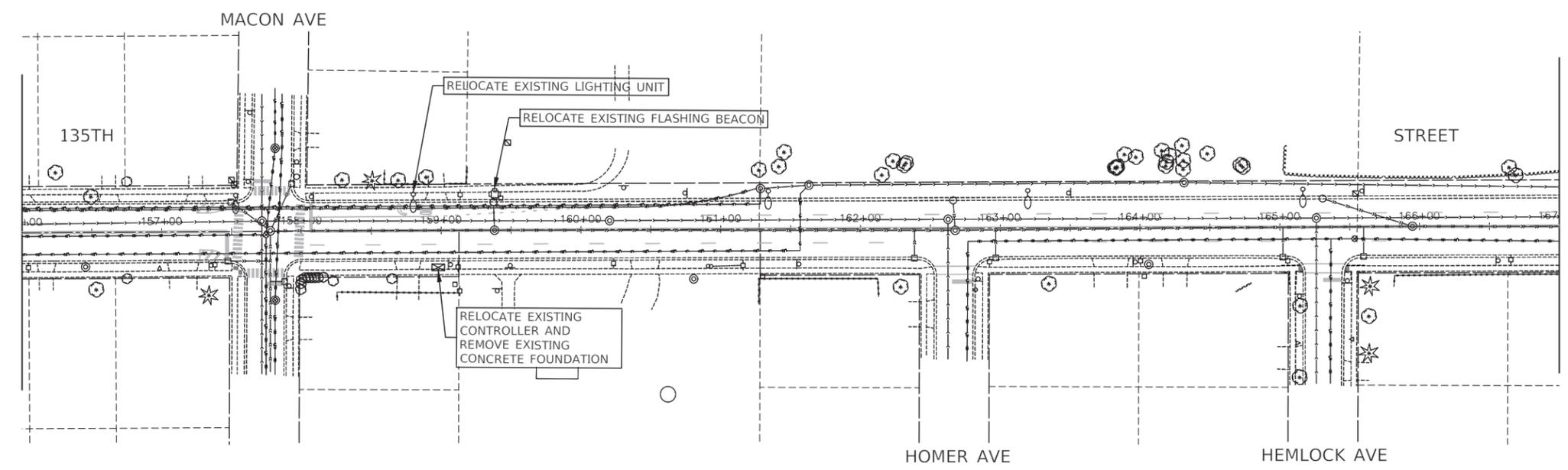
FILE NAME = 18R1036_02-CBLE-01 - P02	USER NAME =	DESIGNED -- MPN	REVISED --
		CHECKED -- WPD	REVISED --
	PLOT SCALE =	DRAWN -- KWM	REVISED --
	PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

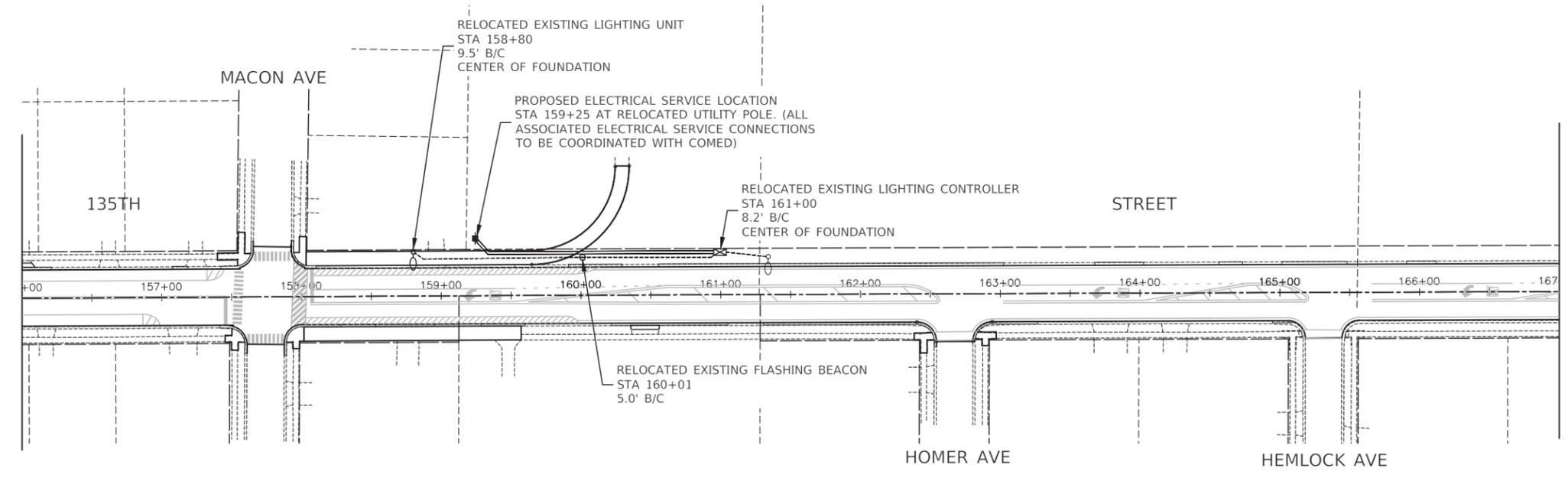
135TH STREET - ROADWAY RESURFACING
CABLE PLAN, PHASE DESIGNATION DIAGRAM
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE

SCALE: N.T.S. SHEET NO. 62 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	62
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



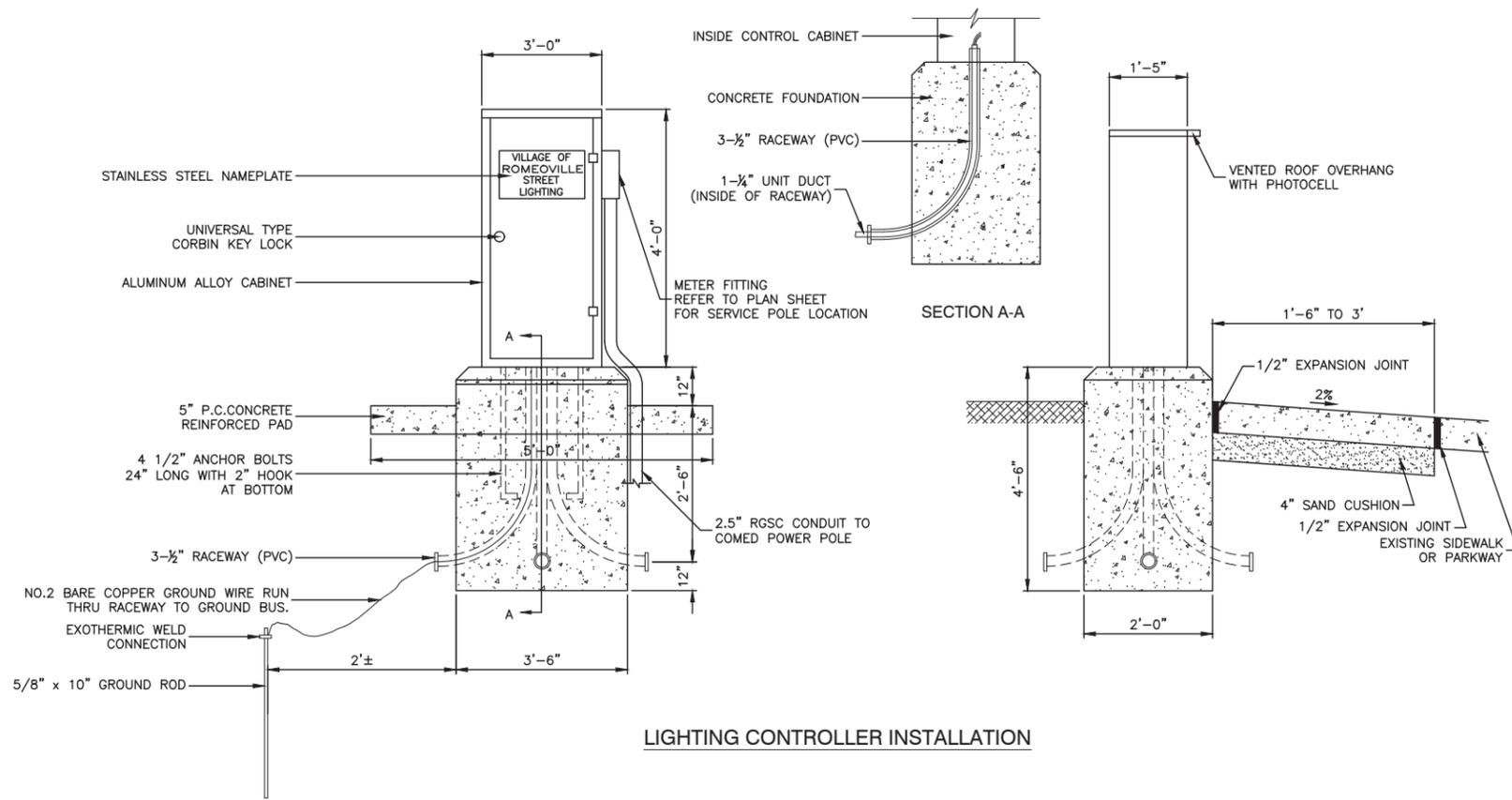
EXISTING CONDITIONS



PROPOSED IMPROVEMENTS

- LEGEND:**
- EXISTING ALUMINUM LIGHT POLE
 - ⊕ EXISTING POWER POLE
 - RELOCATED STREET LIGHT-250W HPS
 - ⊠ RELOCATED CONTROLLER
 - RELOCATED FLASHING BEACON
 - ⬮ PROPOSED POWER POLE
 - B/C BACK OF CURB
 - UNIT DUCT, 600V, 6-1/C, NO.6 1/C AWG NO.8 GROUND, (XLP-TYPE USE) 1-1/2" DIA. POLYETHYLENE
 - ===== SERVICE WIRE, 3-1/C, NO. 1/0 AWG IN 2.5" RGSC

FILE NAME = 18R1036_02-LGHT-01 - P01	USER NAME =	DESIGNED -- SK	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING STREET LIGHTING PLANS		F.A.U. RTE. 0282	SECTION 20-00069-00-BT	COUNTY WILL	TOTAL SHEETS 76	SHEET NO. 64
	PLOT SCALE = 1"=50'	CHECKED -- WPD	REVISED --		SCALE: 1"=20'	SHEET NO. 64 OF 76 SHEETS	STA. TO STA.	CONTRACT NO. 61J80		FED. ROAD DIST. NO. 1	ILLINOIS
PLOT DATE = 08-07-23	CHECKED -- AG	DRAWN -- KWM	REVISED --								

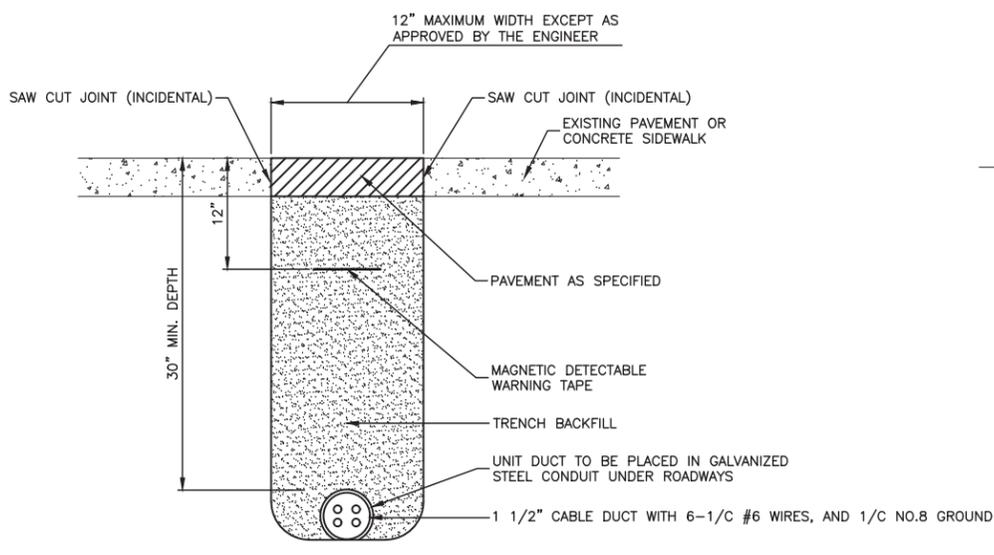


LIGHTING CONTROLLER INSTALLATION

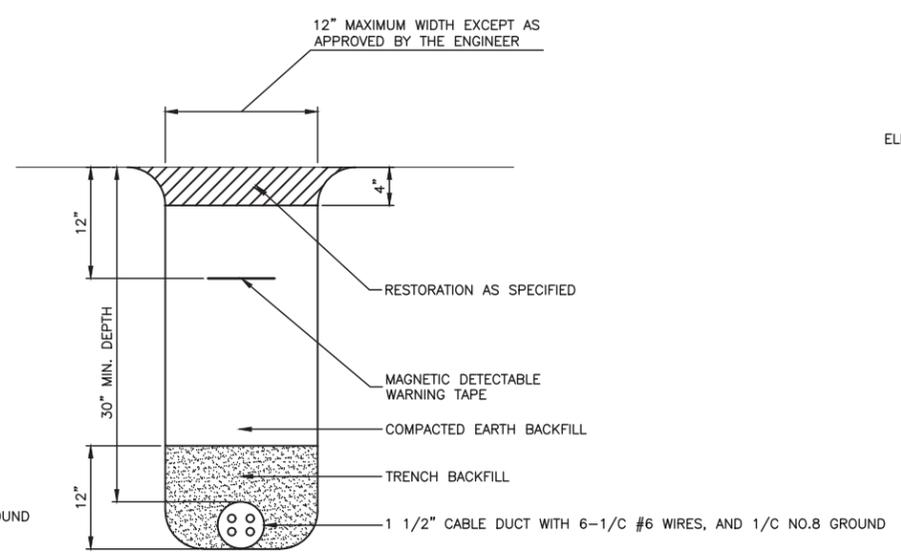
- NOTE:
1. ORIENT CABINET SO DOOR OPENS AWAY FROM TRAFFIC.
 2. METER FITTING TO BE LOCATED ON THE SIDE OF THE CABINET CLOSEST TO SERVICE POLE.

LIGHTING GENERAL NOTES

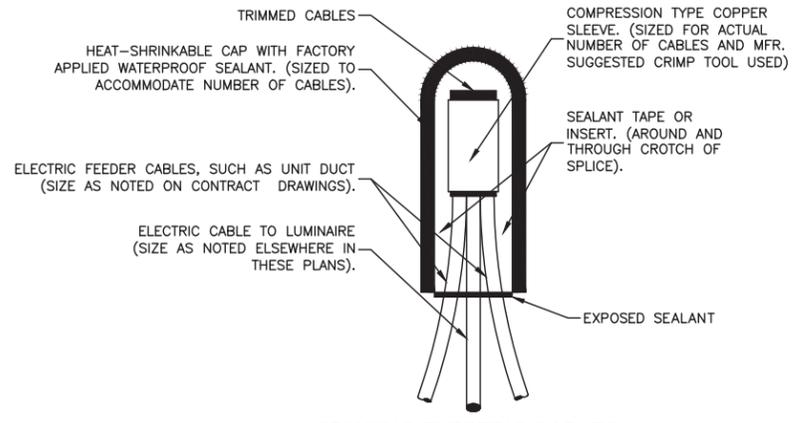
1. ALL WORK TO CONFORM TO THE MOST RECENT NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL CODES.
2. CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE TRENCHING OR AUGURING.
3. THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123 AT LEAST 48 HOURS BEFORE ANY EXCAVATION IS TO TAKE PLACE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS. PRIOR TO CONSTRUCTION, ANY OVERHEAD CLEARANCE CONFLICTS SHOULD BE COORDINATED WITH COMED FOR APPROVAL.
4. ALL CONDUIT TO BE 2 1/2" DIAMETER UNLESS OTHERWISE SPECIFIED.
5. ANY TREE TRIMMING REQUIRED AS DIRECTED BY THE ENGINEER SHALL BE PERFORMED BY THE CONTRACTOR, AND THE COST OF THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT.
6. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENT FOR BURIED WARNING TAPE. THE INSTALLATION OF THE TAPE SHALL BE INSPECTED AND APPROVED BY THE RESIDENT ENGINEER DURING PLOWING OPERATIONS, AS APPLICABLE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF THE FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
8. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
9. THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE REQUIREMENTS FOR WIRE MARKERS AND SHALL TAG ALL WIRE MARKERS AND SHALL TAG ALL WIRE ACCORDINGLY.
10. EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH LIGHT POLE OR OTHER PIECE OF EQUIPMENT.
11. UNDERGROUND SPLICING OF CABLES SHALL NOT BE ALLOWED. ALL CABLE SPLICES SHALL BE CONSTRUCTED IN POLES.
12. BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL COMMONWEALTH EDISON COMPANY FOR APPROVAL OF LOCATION.
13. CONDUITS AND UNIT DUCTS MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS AND OTHER UTILITIES.
14. UNIT DUCT SHALL BE BORED AND PULLED WHERE NEEDED TO MINIMIZE THE NEED FOR RESTORATION. IF THE CONTRACTOR CHOOSES TO TRENCH THE UNIT DUCT IN THESE AREAS, THE RESTORATION AND BACKFILL COSTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM.
15. UNDERGROUND CONDUIT SHALL BE PUSHED WHERE NEEDED TO MINIMIZE THE NEED FOR RESTORATION. IF THE CONTRACTOR CHOOSES TO TRENCH THE CONDUIT IN THESE AREAS, THE RESTORATION AND BACKFILL COSTS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAY ITEM.



TRENCH DETAIL - PAVED AREAS



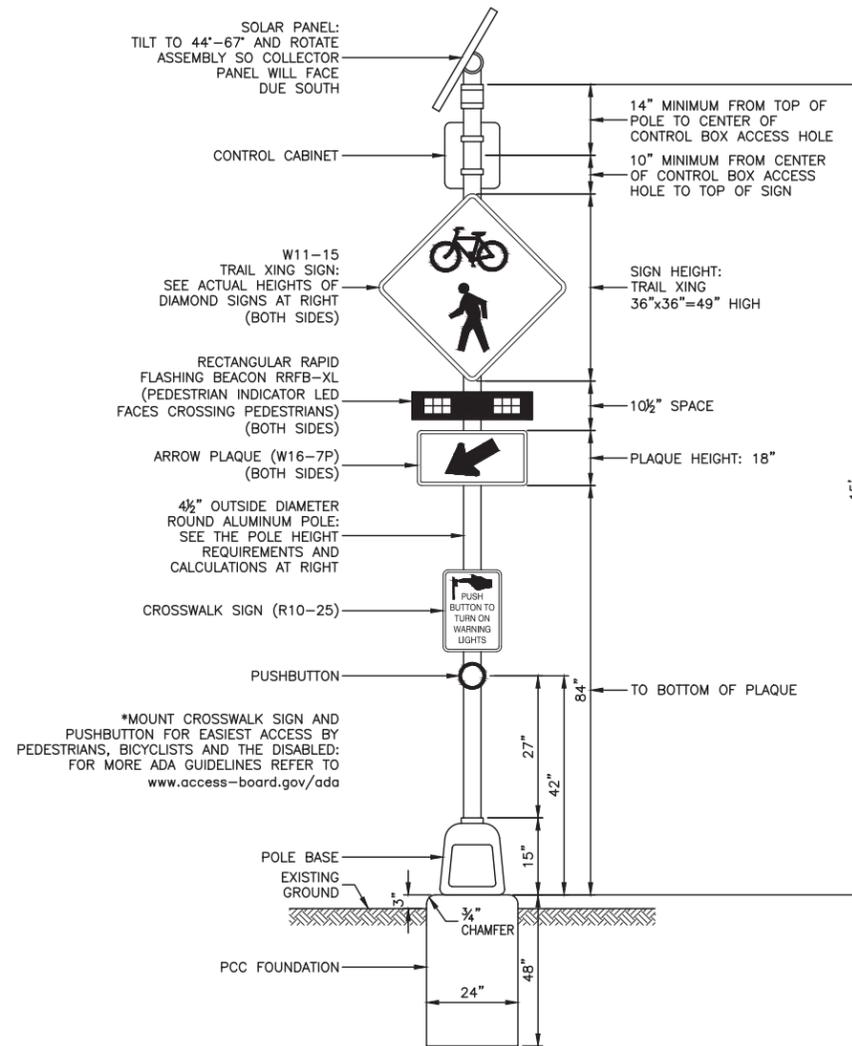
TRENCH DETAIL - UNPAVED AREAS



**SPLICING ELECTRIC CABLES
BASIC MATERIALS AND METHODS**

*NOTE:
THAT NUMBER OF CABLES IN SPLICE MAY VARY.

FILE NAME = 18R1036_02-DTLS-LGHT - LGHT (2)	USER NAME =	DESIGNED -- SK	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	135TH STREET ROADWAY RESURFACING STREET LIGHTING DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = N.T.S.	CHECKED -- WPD	REVISED --			0282	20-00069-00-BT	WILL	76	65	
PLOT DATE = 08-07-23	CHECKED -- AG	DRAWN -- KWM	REVISED --	SCALE: N.T.S.	SHEET NO. 65 OF 76 SHEETS	STA.	TO STA.	CONTRACT NO. 61J80			
						FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT APMT(993)			



TYPICAL RECTANGULAR RAPID FLASHING BEACON CONFIGURATION

NOTES

1. THE SCHEDULE OF QUANTITIES LISTS ITEMS INCLUDED FOR ONE COMPLETE ASSEMBLY.
2. SEE THE SPECIAL PROVISIONS FOR SOLAR POWERED FLASHING BEACON ASSEMBLY (COMPLETE) FOR FURTHER DETAILS.
3. TRAIL CROSSING, ARROW PLAQUES, AND RRFB SHALL BE INSTALLED FACING BOTH DIRECTIONS OF VEHICLE TRAFFIC ON EACH SIDE OF THE TRAIL CROSSING.

SCHEDULE OF QUANTITIES PER ASSEMBLY

ITEM	UNIT	QUAN
SOLAR PANEL	EACH	1
CONTROL CABINET AND ELECTRICAL COMPONENTS	EACH	1
RRFB-XL	EACH	2
PEDESTRIAN PUSHBUTTON	EACH	1
4 1/2" DIAMETER ALUMINUM POLE	EACH	1
P.C.C. FOUNDATION	EACH	1
TRAIL CROSSING SIGN	EACH	2
ARROW PLAQUE	EACH	2
CROSSWALK SIGN	EACH	1

FILE NAME = 18R1036_02-DTLS-02 - IDOT P01

USER NAME =	DESIGNED -- MPN	REVISED --
	CHECKED -- WPD	REVISED --
PLOT SCALE =	DRAWN -- RG	REVISED --
PLOT DATE = 08-07-23	CHECKED -- AG	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

135TH STREET
ROADWAY RESURFACING
SOLAR-POWERED FLASHING BEACON DETAIL

SCALE: NONE SHEET NO. 67 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	67
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT	APMT(993)	

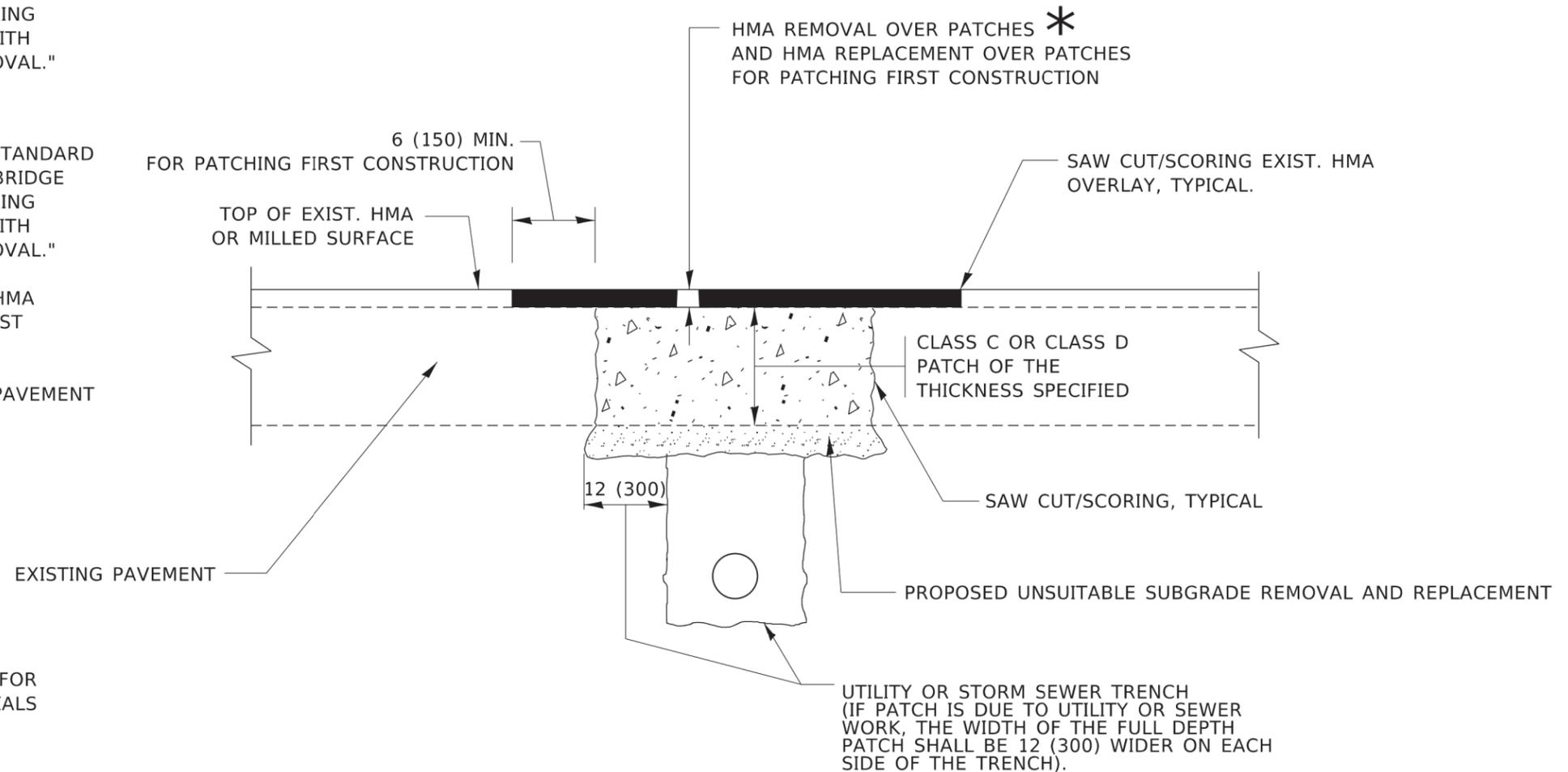
LAST SAVED BY: BGAMBISA ON 8/1/23
PLOTTED BY: BOB GAMBISA ON 8/1/23

METHOD OF MEASUREMENT

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

BASIS OF PAYMENT

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

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)

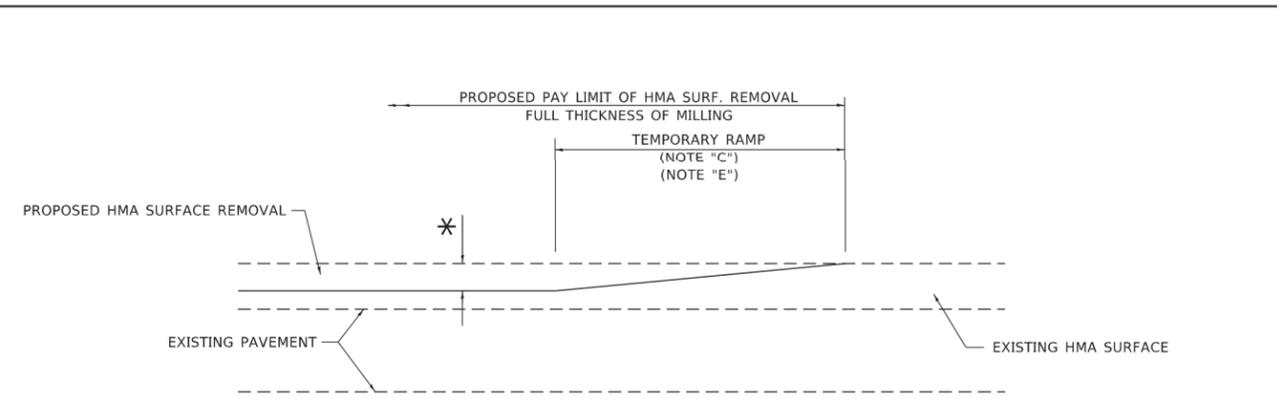
1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME: p:\118r1036_02-DTLS-01 - BD22\118r1036_02-DTLS-01 - BD22\118r1036_02-DTLS-01 - BD22\118r1036_02-DTLS-01 - BD22.dgn

USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	BD400-04 (BD-22) CONTRACT NO.			
PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. ENG 10-27-08			ILLINOIS FED. AID PROJECT						
		REVISED - K. SMITH 11-18-22									

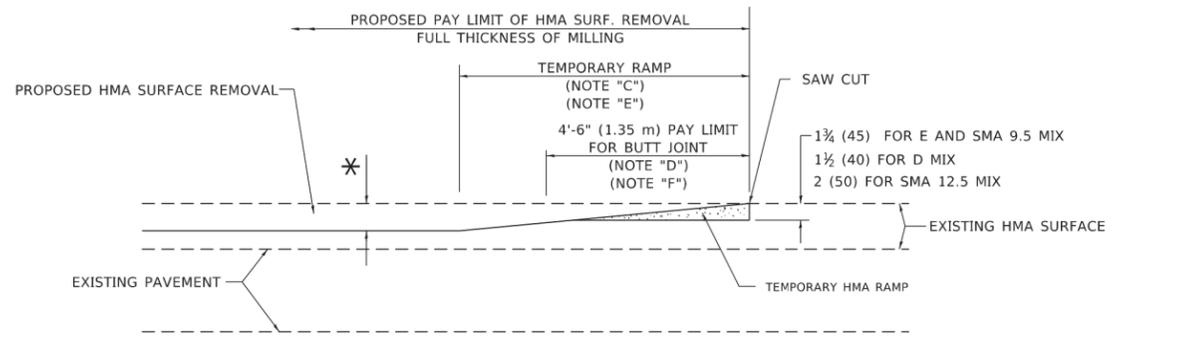
FILE NAME = 18R1036_02-DTLS-01 - BD22	USER NAME =	DESIGNED --	REVISED --	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	CHECKED --	REVISED --	SCALE:			SHEET NO. 68 OF 76 SHEETS	STA. TO STA.	0282 20-00069-00-BT WILL 76 68 CONTRACT NO. 61J80				
	PLOT SCALE =	DRAWN --	REVISED --			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)						
	PLOT DATE =	CHECKED --	REVISED --									



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

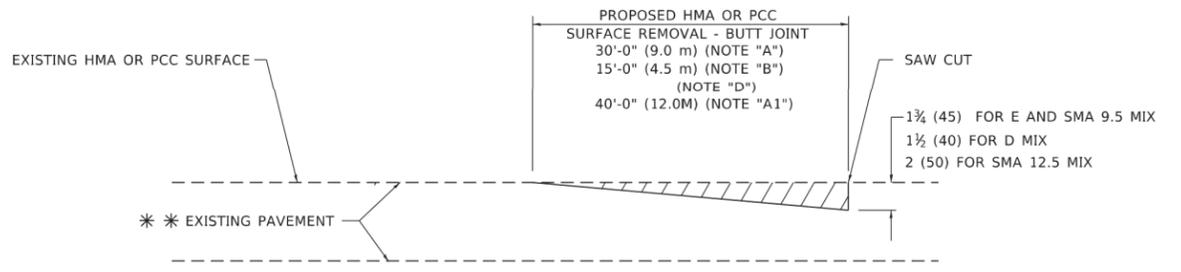


HMA CONSTRUCTED TEMPORARY RAMP

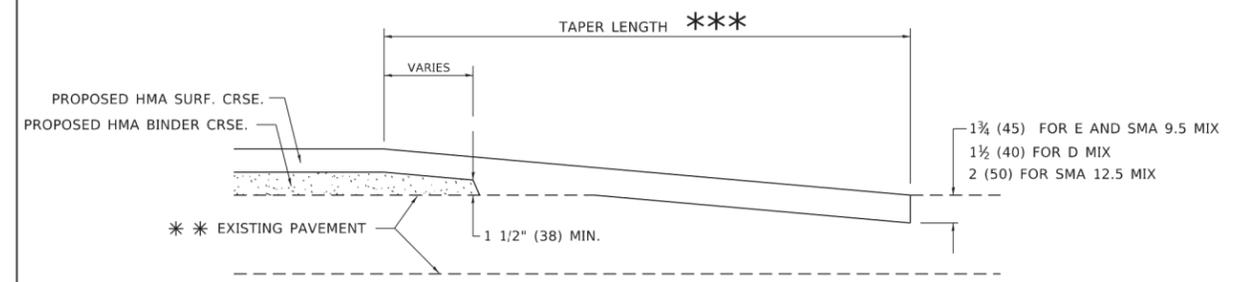
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

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.

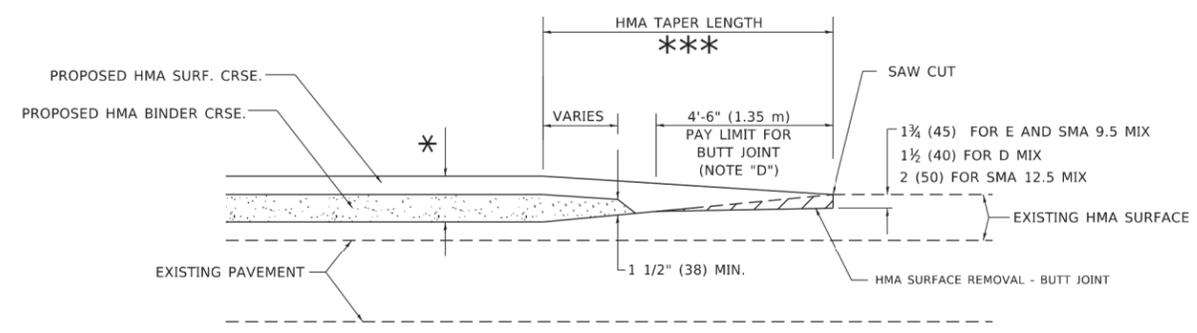
GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- 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' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. 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

- 1. 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".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC 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

USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			BD400-05	BD-32			
			ILLINOIS		FED. AID PROJECT		

FILE NAME = 18R1036_02-DTLS-01 - BD32

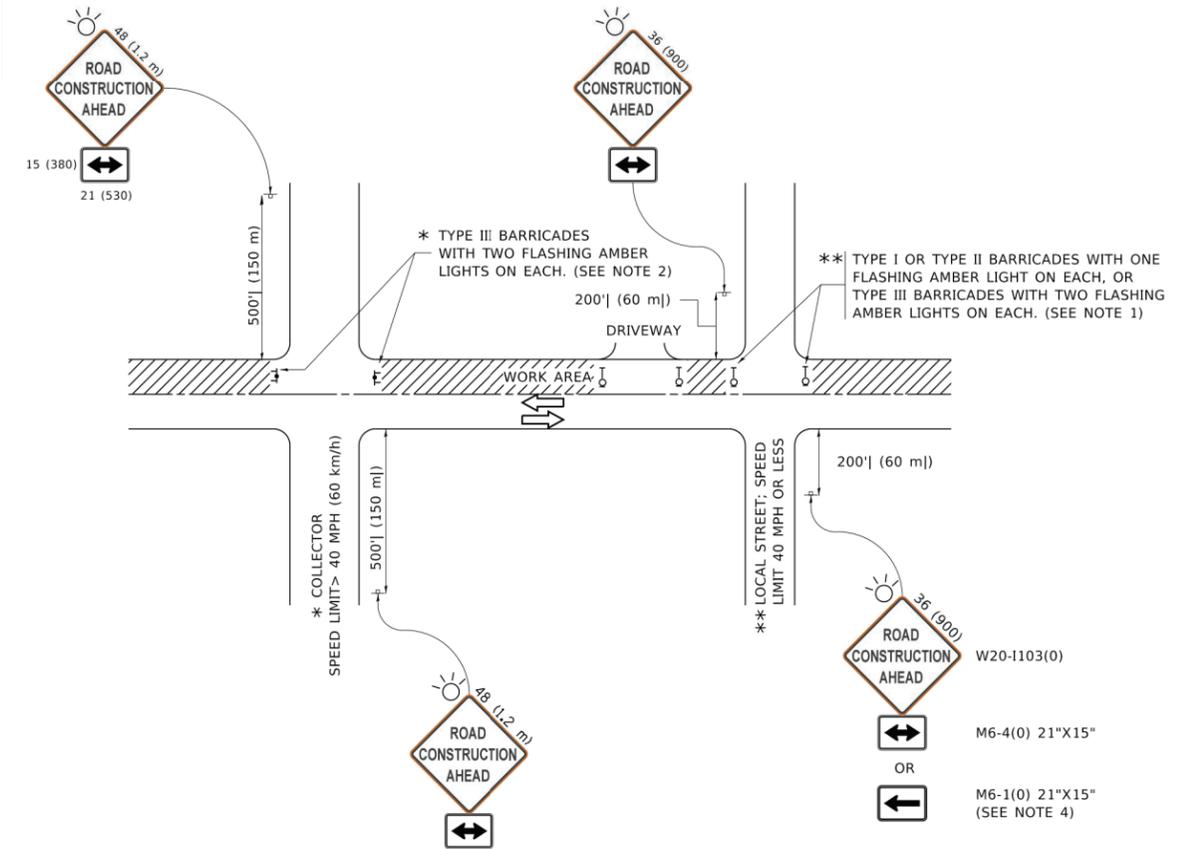
USER NAME =	DESIGNED --	REVISED --
	CHECKED --	REVISED --
PLOT SCALE =	DRAWN --	REVISED --
PLOT DATE =	CHECKED --	REVISED --

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:	SHEET NO. 69 OF 76 SHEETS	STA. TO STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	69
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT APMT(993)	

FILE NAME: p:\1108-HEBID\NTEG\Illinois.gov\PM\DOT\Documents\DOT Offices\District 1\Projects\Dist56\22-34\CADD\Drawings\CAD\Drawings\TC10.dgn



NOTES:

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

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

USER NAME = footemj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 3/4/2019	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**

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

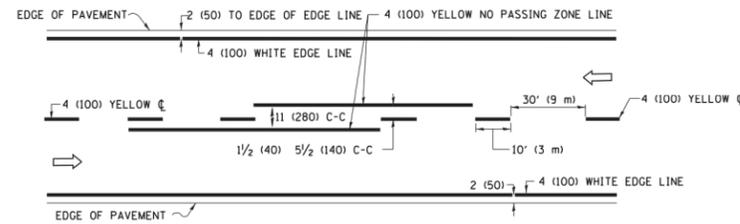
FILE NAME = 18R1036_02-DTLS-01 - TC10

USER NAME =	DESIGNED --	REVISED --
	CHECKED --	REVISED --
PLOT SCALE =	DRAWN --	REVISED --
PLOT DATE =	CHECKED --	REVISED --

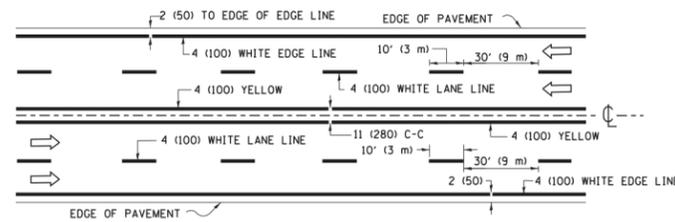
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT 1 DETAILS

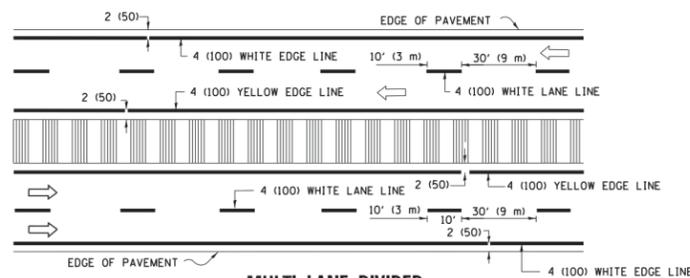
SCALE:	SHEET NO. 70 OF 76 SHEETS	STA.	TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				0282	20-00069-00-BT	WILL	76	70
				CONTRACT NO. 61J80				
				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



2-LANE ROADWAY

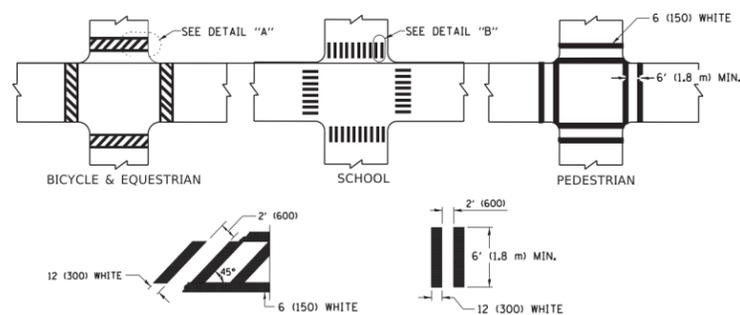


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

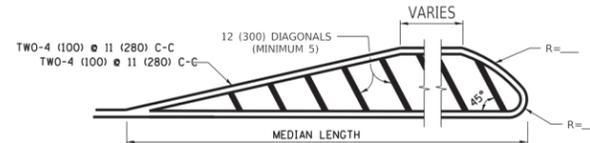


TYPICAL CROSSWALK MARKING

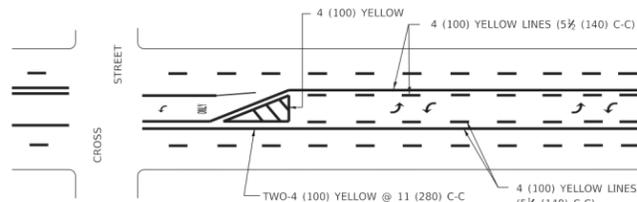
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



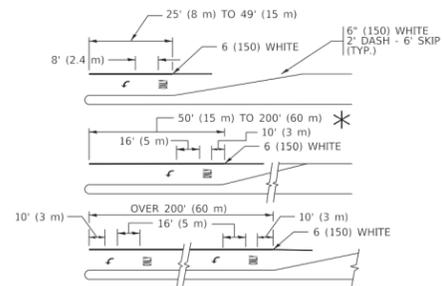
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



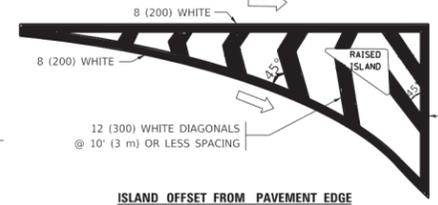
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



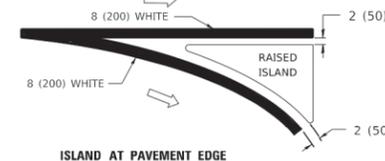
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

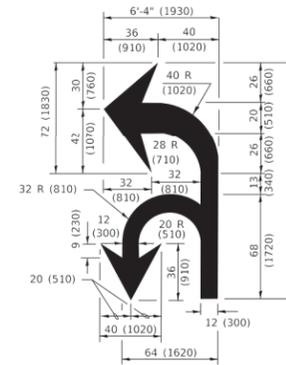
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



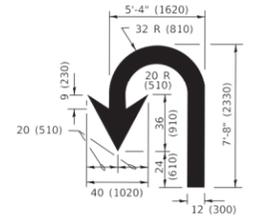
ISLAND OFFSET FROM PAVEMENT EDGE



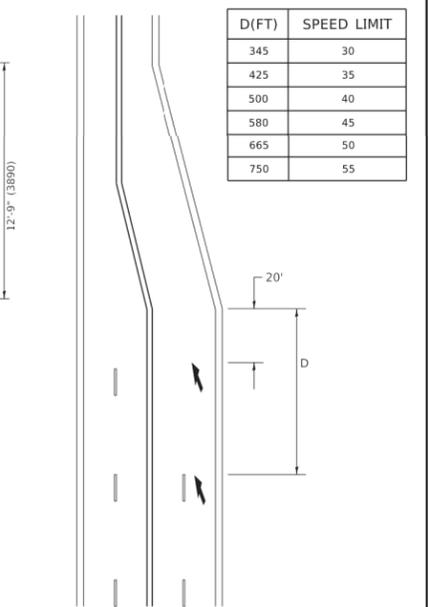
ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8" (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" 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 = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 50.0000" / in.	CHECKED -	REVISED - C. JUCIUS 07-01-13		DISTRICT ONE TYPICAL PAVEMENT MARKINGS	TC-13 CONTRACT NO.			
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15						
		REVISED - C. JUCIUS 04-12-16						
SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT				

FILE NAME = 18R1086_02-DTSL-01 - TC13	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 DETAILS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.					
	CHECKED -	REVISED -	REVISED -			0282	20-00069-00-BT	WILL	76	71					
	DRAWN -	REVISED -	REVISED -								CONTRACT NO. 61J80				
	CHECKED -	REVISED -	REVISED -								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(963)				
SCALE: SHEET NO. 71 OF 76 SHEETS STA. TO STA.															

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

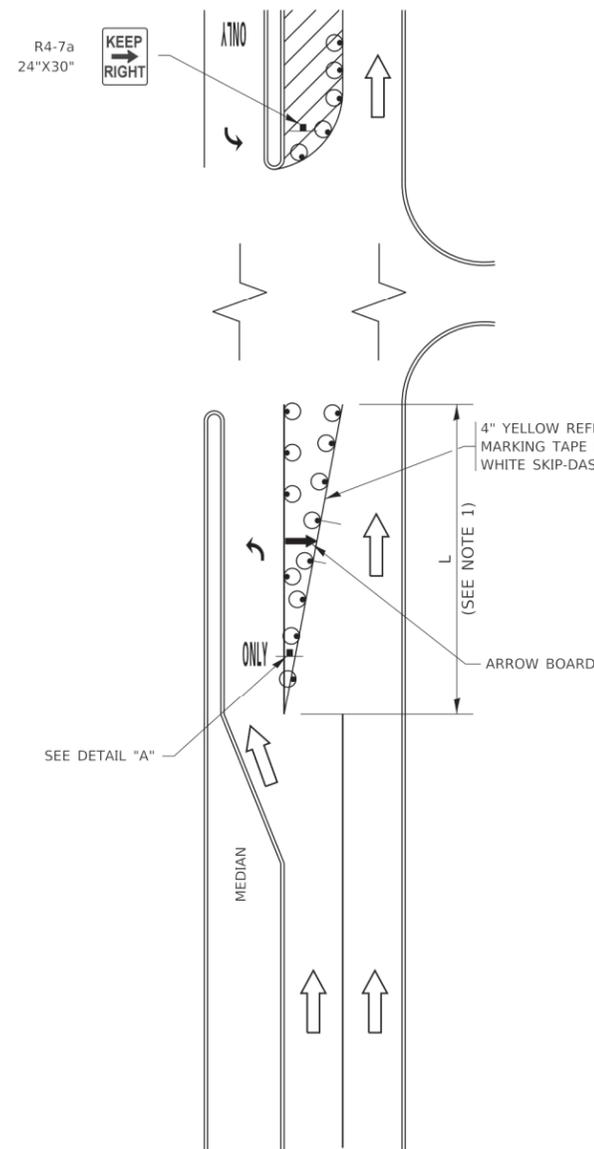
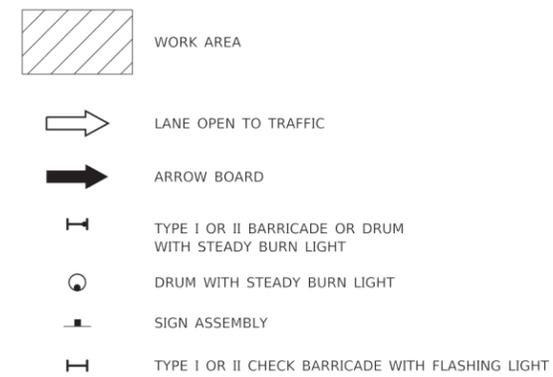


FIGURE 1

LEGEND



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.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

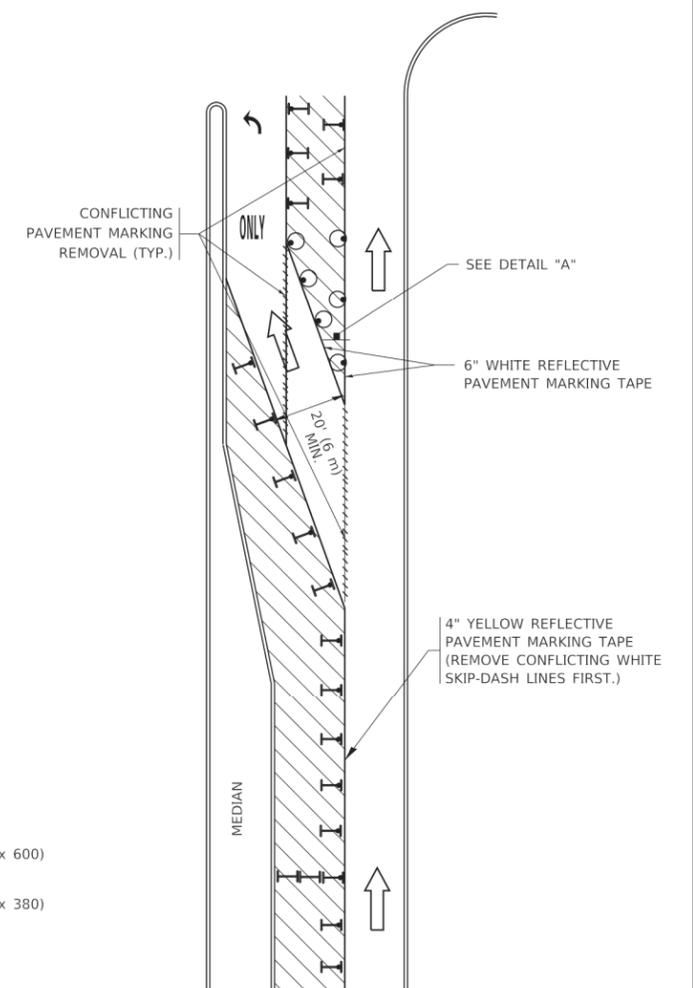
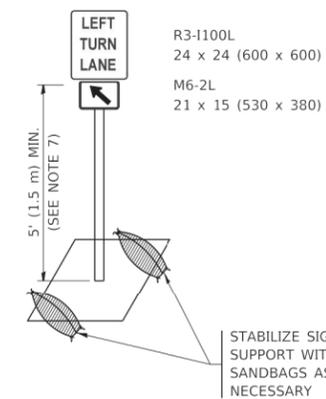


FIGURE 2



DETAIL A

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

FILE NAME: p:\u1084\EBID\NTEG\Illinois\gov\PM\DOT\Documents\DOT\Office\District_1\Projects\0545622-34\CADD\ba\CAD\sheet\TC 14.dgn

USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
PLOT SCALE = 50.0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	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)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TC-14			
ILLINOIS		FED. AID PROJECT		

FILE NAME = 18R1036_02-DTLS-01 - TC14

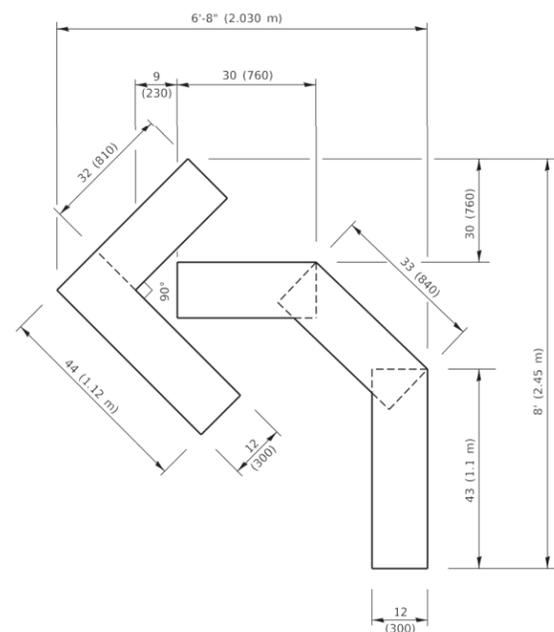
USER NAME =	DESIGNED --	REVISED --
	CHECKED --	REVISED --
PLOT SCALE =	DRAWN --	REVISED --
PLOT DATE =	CHECKED --	REVISED --

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

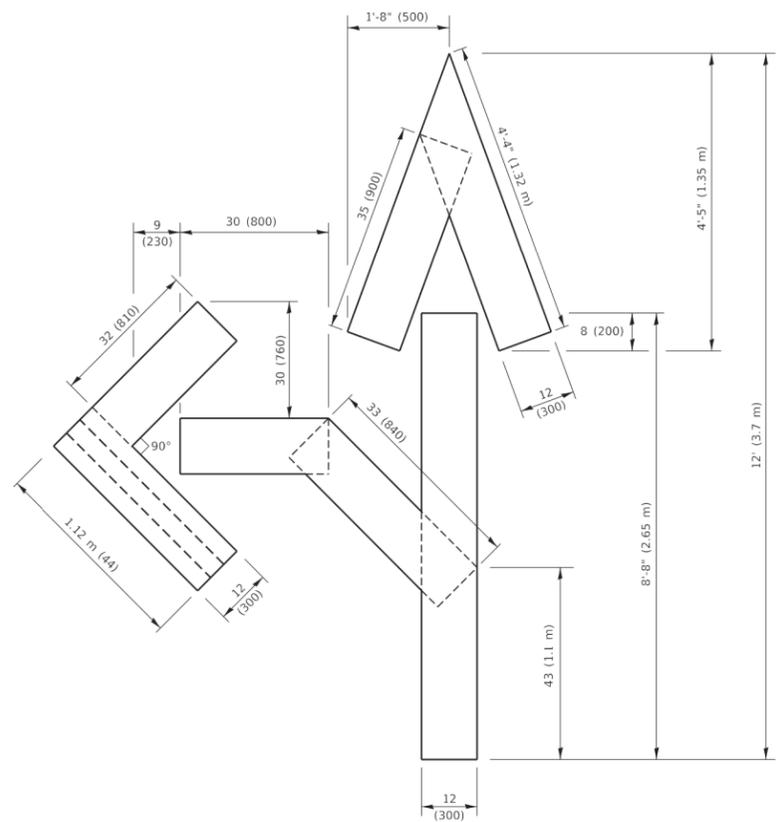
DISTRICT 1 DETAILS

SCALE: SHEET NO. 72 OF 76 SHEETS STA. TO STA.

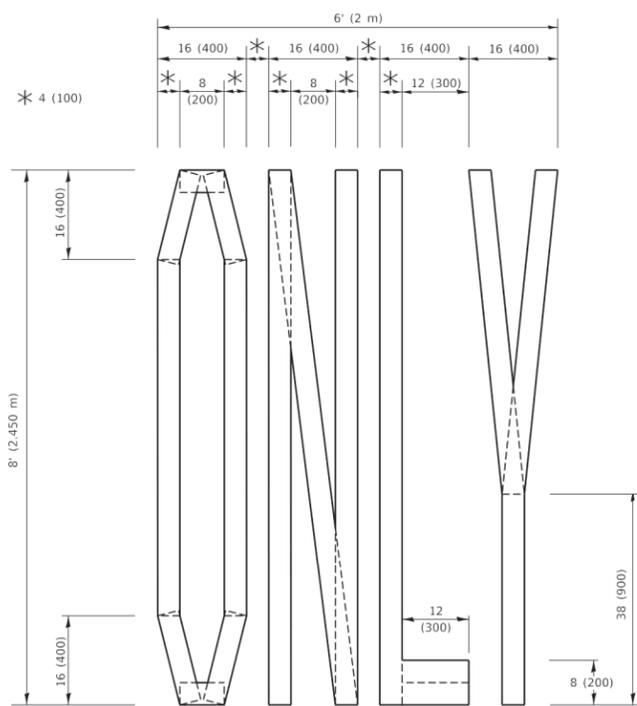
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	72
FED. ROAD DIST. NO. 1		ILLINOIS		
		FED. AID PROJECT APMT(993)		



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

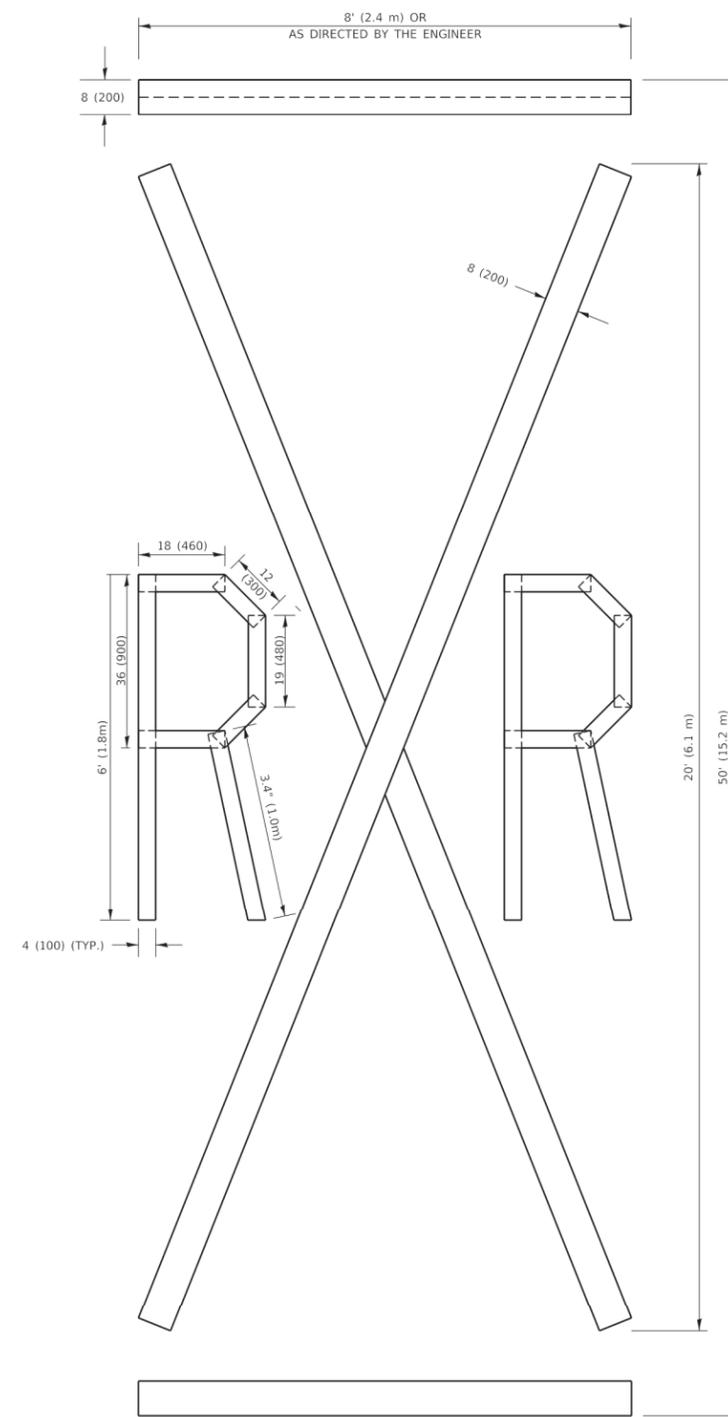


QUANTITY
 4 (100) LINE = 82.5 ft. (25.1 m)
 27.5 sq. ft. (2.53 sq. m)



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

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



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

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

FILE NAME: P:\11084\EBIND\TEC\Illinois.gov\PW\DOT\Documents\DOT Offices\District 1\Projects\0555022-34\CADD\Drawings\CAD\Drawings\TC16.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068 " / in.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	73
CONTRACT NO. 61J80				
ILLINOIS FED. AID PROJECT				

FILE NAME = 18R1036_02-DTLS-01 - TC16

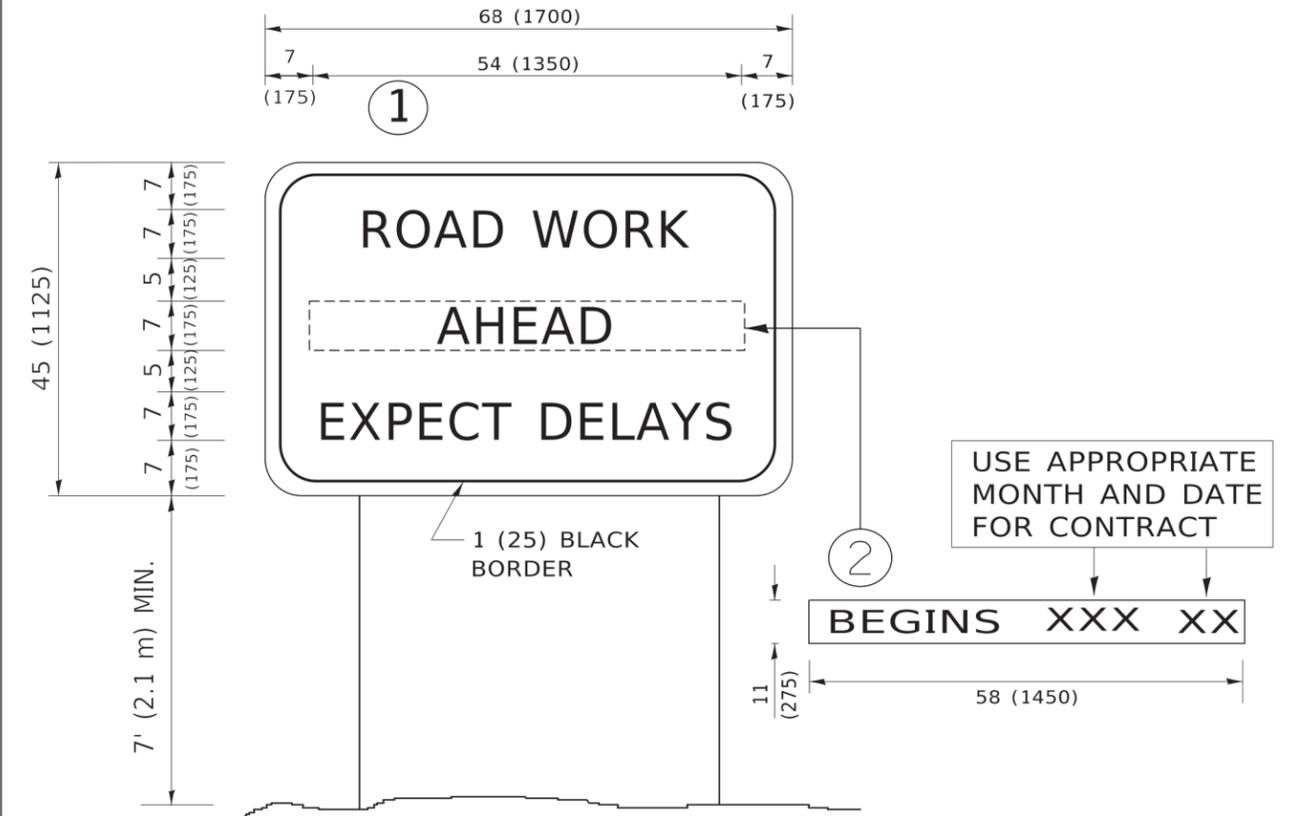
USER NAME =	DESIGNED --	REVISED --
PLOT SCALE =	DRAWN --	REVISED --
PLOT DATE =	CHECKED --	REVISED --

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET NO. 73 OF 76 SHEETS STA. TO STA.

DISTRICT 1 DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	73
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				



NOTES:

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

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

FILE NAME: p:\11084\BID\NTEG\Illinois.gov\PW\DOT\Documents\DOT Offices\District 1\Projects\Dis565022-34\CAD\Draws\CAD\Sheet\TC22.dgn

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

ARTERIAL ROAD INFORMATION SIGN	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-22		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				

FILE NAME = 18R1036_02-DTLS-01 - TC22	USER NAME =	DESIGNED --	REVISED --
		CHECKED --	REVISED --
	PLOT SCALE =	DRAWN --	REVISED --
	PLOT DATE =	CHECKED --	REVISED --

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SCALE:	SHEET NO. 74 OF 76 SHEETS STA. TO STA.

DISTRICT 1 DETAILS	
SCALE:	SHEET NO. 74 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	74
TC-22		CONTRACT NO. 61J80		
ILLINOIS FED. AID PROJECT APMT(993)				



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
 "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

FILE NAME: p:\planroom\dot.illinois.gov\W\DOT\Documents\DOT_Offices\District_1\Projects\District_1\CAD\Drawings\CAD\Sheets\TC26.dgn

USER NAME = feysa	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/6/2021	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TC-26			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

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

FILE NAME = 18R1036_02-DTLS-01 - TC26

USER NAME =	DESIGNED --	REVISED --
	CHECKED --	REVISED --
PLOT SCALE =	DRAWN --	REVISED --
PLOT DATE =	CHECKED --	REVISED --

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

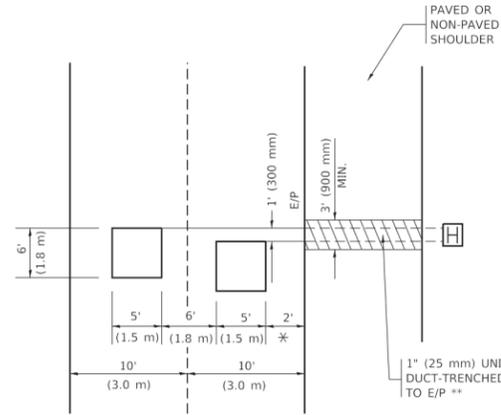
DISTRICT 1 DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	75
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				

SCALE: SHEET NO. 75 OF 76 SHEETS STA. TO STA.

LOOPS NEXT TO SHOULDERS

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



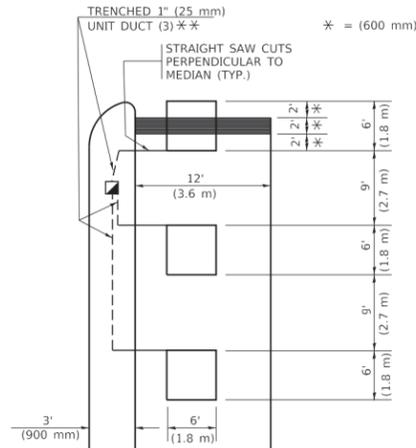
* = (600 mm)

** 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.



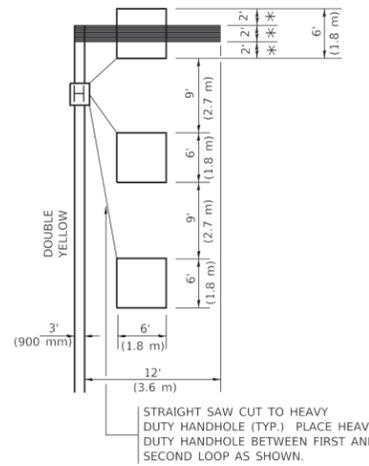
** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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 SEPARATELY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

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

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

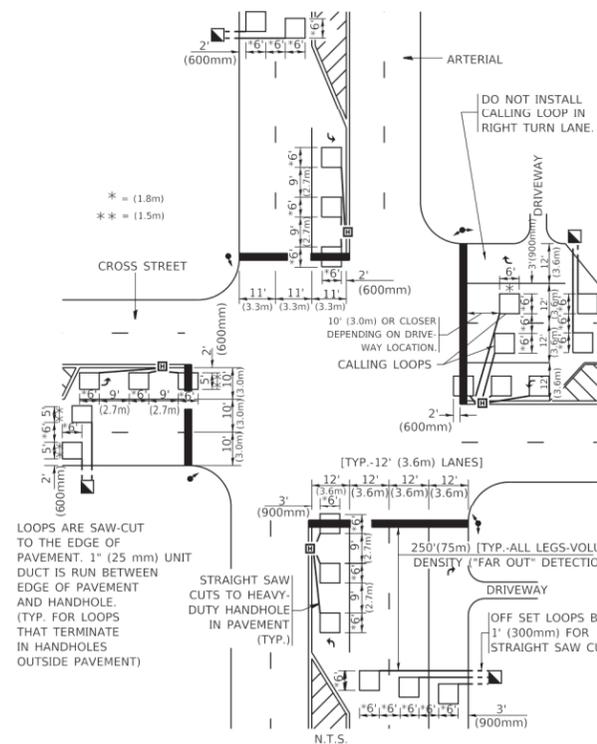
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

NOTE:

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

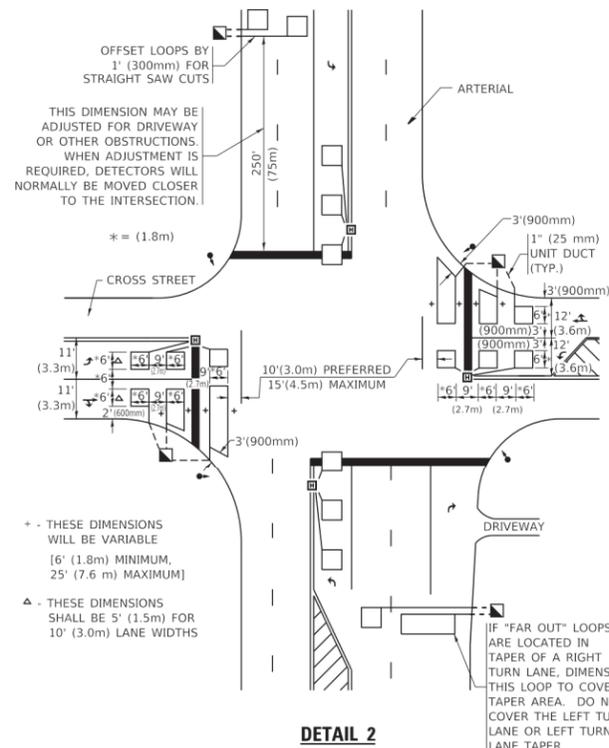
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

FILE NAME: p:\u1084\BID\INTEG_illinois.gov\PM\DOT\Documents\DOT_Offices\District_1\Projects\DS455022-34\CADD\Bids\CAD\Drawings\07.dgn

USER NAME = footemj	DESIGNED -	REVISED -
PLOT SCALE = 50.0000" / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TS-07			CONTRACT NO.	
ILLINOIS FED. AID PROJECT				

FILE NAME = 18R1036_02-DTSL-01 - TS07

USER NAME =	DESIGNED -	REVISED -
	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 DETAILS

SCALE: SHEET NO. 76 OF 76 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0282	20-00069-00-BT	WILL	76	76
CONTRACT NO. 61J80				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT APMT(993)				