09-19-2025 LETTING ITEM 090

FOR INDEX OF SHEETS, SEE SHEET NO. 2 FOR HIGHWAY STANDARDS, AND DETAILS SEE SHEET NO. 3

TRAFFIC DATA

ROUTE SEGMENT	SPEED (MPH)	ADT (2022)	CLASSIFICATION
DES PLAINES RIVER ROAD	35	28,600	MINOR ARTERIAL
BALMORAL AVENUE	25	13,400	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



No BOSENDUTY TOOMS CONTROL With Visibility Browning Process Cud 20004 Hos

CONTRACT NO. 61L21

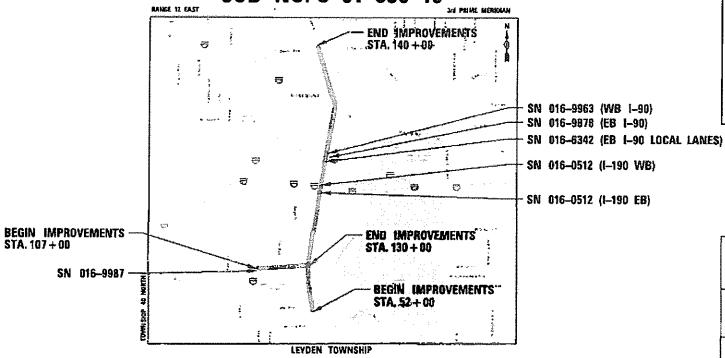
STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

PLANS FOR FEDERAL AID HIGHWAY

FAU 1034 (BALMORAL AVENUE) FROM PEARL STREET TO DES PLAINES RIVER ROAD **FAU 2710 (DES PLAINES RIVER ROAD)** FROM FOSTER AVENUE TO DEVON AVENUE TRAFFIC SIGNAL MODIFICATION AND HIGH VISIBILITY BACKPLATE INSTALLATION

SECTION: 19-00035-00-SP PROJECT NO.: DLYC(077) **VILLAGE OF ROSEMONT COOK COUNTY** JOB NO. C-91-359-19



GROSS LENGTH = 800 FY. = 0.15 MILES NET LENGTH = 800 FT. = 0.15 MILES

12/26/2024 ILLINOIS REGISTRATION No. 062 044117

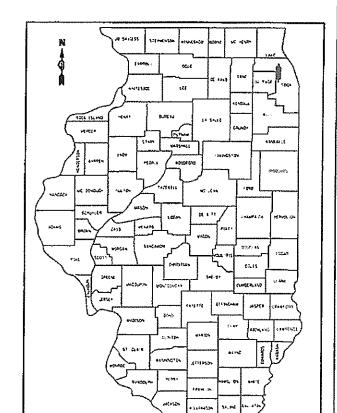
FOR SHEETS: 11-13, 19-29

STEPHEN N. SUGG

EXPIRATION DATE: 11-30-2025

12/26/2024 ENGINEER DATE

ELIZABETH A. JENSEN ILLINOIS REGISTRATION No 062-067808 EXPIRATION DATE: 11-30-2025

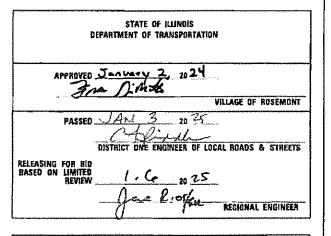


SECTION

19-00035-00-5P

CODK 101 1

IRCHINGS CONTRACT NO. 61L21



LOCATION OF SECTION INDICATED THUS: - -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

500

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	20	PAVEMENT MARKING AND ROADWAY PLAN DES PLAINES RIVER ROAD AT WESTIN HOTEL ENT
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CHRISTOPHER 9575 West Higins Road, Rosemont, Illinois 60018 (847) 823-0500	40	SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE BALMORAL AVENUE AND PEARL AVENUE
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•	50	SCHEDULE OF QUANTITIES AND MAST ARM MOUNTED STREET NAME SIGN DES PLAINES RIVER ROAD AND FOSTER AVENUE

FILE NAME =

N:\ROSEMONT\20004\Traffic_High Visib

COVER SHEET

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EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVAL AND TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN DES PLAINES RIVER ROAD AND TECHNOLOGY BOULEVARD

USER NAME = bgunnells

PLOT DATE = 6/20/2025

Backplate_Plans\02_INDEX-sht_20004.dor

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION
DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE

DESIGNED - BG

- FPB

- EAJ

DRAWN

DATE

CHECKED

REVISED

REVISED

REVISED

REVISED

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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

| STATE OF ILLINOIS | INDEX OF SHEETS | INDEX OF SHEE

GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING THE UTILITY COMPANIES LOCATE THEIR FACILITIES IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES, THE ENGINEER DOES NOT WARRANT THE LOCATION OF ANY EXISTING UTILITIES SHOWN ON THE PLAN. THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 800-892-0123 FOR UTILITY LOCATIONS.
- THE CONTRACTOR SHALL NOTE THAT THE ELEVATIONS SHOWN ON THE CONSTRUCTION PLANS ARE FINISHED GRADE ELEVATIONS AND THAT PAVEMENT THICKNESS, TOPSOIL, ETC. MUST BE SUBTRACTED TO DETERMINE SUBGRADE ELEVATIONS.
- 3. NO UNDERGROUND WORK SHALL BE COVERED UNTIL IT HAS BEEN APPROVED BY THE RESIDENT ENGINEER. APPROVAL TO PROCEED MUST BE OBTAINED PRIOR TO INSTALLING PAVEMENT BASE, BINDER, SURFACE, AND PRIOR TO PLACING ANY CONCRETE AFTER FORMS HAVE BEEN SET.
- 4. 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.
- 5. THE 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.

HIGHWAY STANDARDS

886006-01

STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
635001-02	DELINEATORS
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701301-04	LANE CLOSURE, 2L 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L 2W, MOVING OPERATIONS DAY ONLY
701427-05	LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS LESS THAN 40MPH
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
814001-03	HANDHOLES
814006-03	DOUBLE HANDHOLES
857001-01	STANDARDS PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTIBLE POWER SUPPLY
873001-02	TRAFFIC SIGNAL GROUNDING AND BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
877006-06	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS
877011-10	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880001-01	SPAN WIRE MOUNTED SIGNALS AND FLASHING BEACON INSTALLATION
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS

DISTRICT DETAILS

DETAIL NO.	DESCRIPTION
TC-10	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS

TC-26	DRIVEWAY ENTRANCE SIGNING

ILE NAME =	USER NAME = bgunnells	DESIGNED -	BG	REVISED -	Ξ
:\ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans\03_GEN-Hwy Std_20004.dgn	DRAWN -	FPB	REVISED -	
	PLOT SCALE = 2'	CHECKED -	EAJ	REVISED -	
	PLOT DATE = 6/20/2025	DATE -		REVISED -	



TYPICAL LAYOUTS FOR DETECTION LOOPS

				ES, HIGHW District			F.A.U. RTE. 1034 & 2710	SECTION 19-00035-00-SP	COUNTY COOK CONTRACT	SHEETS 101	3
t	SCALE: NOT TO SCALE	SHEET NO.	0F	SHEETS	STA.	TO STA.	FED, ROAD	DIST, NO. 1 ILLINOIS FED. A		NO. OIL	.21

				ļ							NSTRUCTION CO							
	1	1			·		3' ''	Σ		909	% FEDERAL / 10 9	6 LOCAL						
		UNIT	TOTAL QUANTITY	RIVER RD & FOSTER	RIVER RD & TECHNOLOGY	RIVER RD & BALMORAL	RIVER RD & WILLIAM ST	RIVER RD & BRYN MAWR	RIVER RD & CTA	RIVER RD & RAMP 32X	RIVER RD & WESTIN	RIVER RD & HIGGINS (IL 72)	RIVER RD & ONE O'HARE	RIVER RD & DEVON AVE	BALMORAL AVE & FASHION OUTLETS WAY	BALMORAL AVE & 1-294 RAMPS	BALMORAL AVE & PEARL ST	INTERCONNECT
CODE NO.	ITEM				<u> </u>													
20200100	EARTH EXCAVATION	CUYD	121	4	4	4	39	4			38		28					

21101615	TOPSOIL FURNISH AND PLACE. 4"	SQ YD	50				16			5	20		9					
21101845	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	43				43											
25000210	SEEDING, CLASS 2A	ACRE	0.01				0,063			0.001	0.004		0.002					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1				0.3			0,1	0.3		0.3					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1				0,3			0.1	0.3		0.3					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1				0.3			0.1	0.3		0.3					
25100630	EROSION CONTROL BLANKET	SQ YD	50				5			15	15		15					
											***************************************	***************************************		***************************************				
28000250	TEMPORARY EROSION CONTROL SEEDING	PCUND	1 .				0.3			0.1	0.3		0.3					
28000510	INLET FILTERS	EACH	12				4			2	4		2				<u></u>	
	011111111111111111111111111111111111111																	
31101180	SUBBASE GRANULAR MATERIAL, TYPE 8 2*	SQYD	508				305			25	131		46					
31101600	SUBBASE GRANULAR MATERIAL, TYPE B 8"	SQ YD	494				174			39	160		121					
	1 11111 MANUSCHUR LA LICE LA L																	
35300500	PORTLAND CEMENT CONCRETE BASE COURSE 10"	SQYD	294	l			158			22	90		24					
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	666				222				222		222					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	67	 			22				23		22					
											-		-					
40504062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	34			<u> </u>	19			2	10		3					
			•				-						······································					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	3067				1448			225	984		410					
42400800	DETECTABLE WARNINGS	SQFT	400	 			230			25	119		26					
		"""	707							2.0	110		20					
44000100	PAVEMENT REMOVAL	SQ YD	410				246			20	440		74					
-4500100	I AVENUATI DENSTYAL	au TU	410				246			22	118		24					<u> </u>
44000202	CANDINATION AND CUTTED DELEVAN	Foot	0.0								.							<u> </u>
44000000	COMBINATION CURB AND GUTTER REMOVAL	FOOT	613		ļ		243			56	242		72			~~~~~~		

FILE NAME =	USER NAME = bgunnells	DESIGNED - BG	REVISED -		SUMMARY OF QUANTITIES	F.A.U. SECTION	COUNTY TOTAL SHEET
N:\ROSEMONT\20004\Traffic_High Visibila	Backplate_Plans\04_500_20204.dgn	ORAWN - FPB	REVISED -	STATE OF ILLINOIS	(SHEET 1 OF 7)	1034 & 19-00035-00-SP	C00K 101 4
	PLOT SCALE = 2'	CHECKED - EAJ	REVISED -	DEPARTMENT OF TRANSPORTATION	folice: 1 of 1		CONTRACT NO. 61L21
	PLOT DATE = 7/21/2025	DATE -	REVISED ~		SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. A	AID PROJECT :

CONSTRUCTION CODE: 0021

| COUNTY | TOTAL | SHEET | NO. |
| COOK | 101 | 5 |
| CONTRACT | NO. 61L21

SECTION

19-00035-00-SP

SUMMARY OF QUANTITIES (SHEET 2 OF 7)

SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA.

						•			····	909	6 FEDERAL / 10 °	% LOCAL						
						<u> </u>												
		UNIT	YOTAL QUANTITY	RIVER RD & FOSTER	RIVER RD & TECHNOLOGY	RIVER RD & BALMORAL	RIVER RD & WILLIAM ST	RIVER RD & BRYN MAWR	RIVER RD & CTA	RIVER RD & RAMP 32X	RIVER RD & WESTIN	RIVER RD & HIGGINS (IL 72)	RIVER RD & ONE O'HARE	RIVER RD & DEVON AVE	BALMORAL AVE & FASHION OUTLETS WAY	BALMORAL AVE & 1-294 RAMPS	BALMORAL AVE & PEARL ST	INTERCONNEC
CODE N	D. ITEM																	
						-												
4400060	SIDEWALK REMOVAL	SQ FT	3717				2100			219	995		403					
5030028	FORM LINER TEXTURED SURFACE	SQFT	100				100											
60250200	CATCH BASINS TO BE ADJUSTED	EACH	4				3			1								
60255500	MANHOLES TO BE ADJUSTED	EACH	5				4						1					<u> </u>
60260100	INLETS TO BE ADJUSTED	EACH	1															
55250101	THE STATE OF THE S	LAUIT	'		-								1					
60600605	CONCRETE CURB, TYPE B	FOOT	424	<u> </u>			183			27	209	Ì						<u> </u>
			-															
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6 12	FOOT	700	<u> </u>			338			48	246		68					
				 				-										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	8		,,,,					8	****							
	1	-						T. Designation										
60616300	CONCRETE MEDIAN SURFACE, 4 INCH	saft	65				65											
60624600	CORRUGATED MEDIAN	SQFT	60				60											
	-																	
66900200	NON-SPECIAL WASTE DISPOSAL	CUYD	5							5						:		
66900530	SOIL DISPOSAL ANALYSIS	EACH	2							2								<u> </u>
F6504001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	ſ	0.007	0.027	0.007	0.007	0.007	0.007	0.002	0.007	0.073	0.007	2000	A 200	6 Bec	0.000	0.000
00801001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	*	0,067	0,087	0,087	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.066	0.066	0.066	0.066	0.068
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	0.067	0.067	0.067	0.067	0.067	0.067	0.097	0.067	0.067	0.067	0.066	0.086	0,066	0,056	0.0€6
			,											5.525				
66901006	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	160	10	10	10	10	10	10	10	10	10	10	10	10	10	10	20
	•													~~~~~		***************************************		
67100100	MOBILIZATION	LSUM	1	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	8,066	0,066	0.066	0.066	0.066
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0.125	9.125	0.125	0.125	0,125		0.125	0.125		0,125					
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.067	D.066	0.066	0.068	0.066	0.068
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	0.067	0.067	0.067	0.067	0.067	0.067	0.067	0.087	0.067	0.087	0.068	0.066	0.066	0.066	0.066
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	120				120											
	Architecture and the second and t					,												

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

CHRISTOPHER B. BURKE

S 9575 West Higher Read, Sulle 600

Reservont, Winds 600 18
(947) 823-6800

FILE NAME =

N:\ROSEMONT\20004\Traffic_High Visibil

OESIGNED - BG

DRAWN - FPB

CHECKED - EAJ

OATE -

USER NAME = bgunnells

PLOT DATE = 7/21/2025

PLOT SCALE = 2'

Backplate_Plans\05_5002_26004.dgn

REVISED -

REVISED -

REVISED -

								***************************************			CO	NSTRUCTION CO	DDE: 0021						
											909	6 FEDERAL / 10	% LOCAL						
70			UNIT	TOTAL, QUANTITY	RIVER RD & FOSTER	RIVER RD & TECHNOLOGY	RIVER RD & BALMORAL	RIVER RD & WILLIAM ST	RIVER RD & BRYN MAWR	RIVER RD & CTA	RIVER RD & RAMP 32X	RIVER RD & WESTIN	RIVER RD & HIGGINS (IL 72)	RIVER RD & ONE O'HARE	RIVER RD & DEVON AVE	BALMORAL AVE & FASHION OUTLETS WAY		BALMORAL AVE & PEARL ST	INTERCON
	CODE NO	D. ITEM																	
	·																Í		
	* 72000100	SIGN PANEL - TYPE 1	SQFT	260	23	15	24	62	70		21	30		15			ļ		
	* 72900200	SIGN PANEL - TYPE 2	SQFT	152		14		14	14					42					
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	45			18		27								ļI		
	* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	22													 		
	* 72000.00	TELEGOOT IN OTHER SIGN SOFT ONLY	7001	22]			22											
	* 78000100	THERMOPLASTIC PAYEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	75				75											<u> </u>
																			ļ Ī
	* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	440				222				218							
	* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	650				147			88	275		140					
													-						
	* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12*	FOOT	1735				1125				610							
										***************************************							i		
	* 78000650	THERMOPLASTIC PAYEMENT MARKING - LINE 24*	FOOT	350				98			40	172		40					
	78300202	PAVEMENT MARKING REMOVAL - WATER ELASTING	SQFT	1530				631				879		20					
	*																		
	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2° DIA.	FOOT	3405		4		1209			58	720		586			ļ———		
																	ļ		
	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	827	80	5	90	207	56	*****		282		107					
	81029210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4° DIA.	FOOT	4470									i						
	53020240	UNDERGROUND CONDUCT, ORLYWINZED STEEL, 4 DR.	1001	1173				433				475		285					
	81400100	HANDHOLE	EACH	16				6				6		4			i		
				1								Ť		7					
	81400200	HEAVY-DUTY HANDHOLE	EACH	5				2				2		1					
																			
	81400300	DOUBLÉ HANDHOLE	EACH	4				2				1		1					
									-										
	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	274			274		- Anna Anna Anna Anna Anna Anna Anna Ann										······································
	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	7						1	1		1		1	1	. 1	1	
	88400100	TRANSCEIVER - FIBER OPTIC	EACH	3				1				1		1					
	·····							, i											
	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	4609					1								, 1		4609

* SPECIALTY ITEM

FILE NAME =	USER NAME = bgunnells	DESIGNED -	BG	REVISED	-
N:\ROSEMONT\Z0204\Traffic_High Visibilt		DRAWN -	FP8	REVISED	-
	PLOT SCALE = 2'	CHECKED -	EAJ	REVISED	-
	PLOT DATE = 6/20/2025	DATÉ ~		REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	S
(SHEET 3 OF 7)	1034 & 2710	19-00035-00-SP	CODK	
			CONTRACT	N
ALE: NOT TO SCALE SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD	DIST. NO. 1 ILLINOIS FED. A	D PROJECT :	_

CONSTRUCTION CODE: 0021

SUMMARY OF QUANTITIES (SHEET 4 OF 7)

TO STA.

SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA.

										909	% FEDERAL / 10 *	% LOCAL						
		UNIT	TOTAL QUANTITY	RIVER RD & FOSTER	RIVER RD & TECHNOLOGY	RIVER RO & BALMORAL	RIVER RD 8 WILLIAM ST	RIVER RD & BRYN MAWR	RIVER RD & CTA	RIVER RD & RAMP 32X	RIVER RD 8 WESTIN	RIVER RD & HIGGINS (IL 72)	RIVER RD & ONE O'HARE	RIVER RD & DEVON AVE	BALMORAL AVE & FASHION OUTLETS WAY	BALMORAL AVE & I-294 RAMPS	BALMORAL AVE & PEARL ST	INTERCONNEC
CODE NO.	пем																	
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3503		126		1328			443	1436		160					
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	8439	237	505	294	2074	598		1795	2285		651					
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	ππ	640	495	808	1733	1135			1584		1384					
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3963	240	237	301	593	238			1990		364		,			
					201	331		250			1550							
87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3394				1494				1063		837					
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	426	-			182				209		36					
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	4440	93	35	103	1363	89		66	2056		635					
87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	7				2				3		2					
87700160	STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	2								1		1			······································		
87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1					1										
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT,	EACH	3	1				and the second s		1			1					
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	2				1	1					1					
87790240	STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1				1										***************************************	
87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1					1						····	,			
87700290	STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1								1				,-,,,,	······································		
		2.011	,								1							
87700300	STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	2				1				1							
87702206	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 20 FT.	EACH	1								1			· · · · · · · · · · · · · · · · · · ·				
87702950	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1		1													
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1												
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	40			***************************************	12				16		12					
	DIALTY ITEM	1		L			*4				1 "		+2					

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

CHRISTOPHER B. BURKE

Service Higher Read, Sulf 600

(RAT) 923-0500

FILE NAME =

N:\ROSEMONT\28004\Traffic_High Visib

DESIGNED - BG DRAWN - FPB

CHECKEO - EAJ

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

USER NAME = bgunnells

PLOT DATE = 6/20/2025

PLOT SCALE = 2'

| Backplate_Plans\87_5004_20884.dgn

CONSTRUCTION CODE: 0021

COUNTY TOTAL SHEET NO.

COOK 101 8

CONTRACT NO. 61L21

SECTION

19-00035-00-SP

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

SUMMARY OF QUANTITIES (SHEET 5 OF 7)

TO STA.

SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA.

											6 FEDERAL / 10						****	
		זואט	TOTAL QUANTITY	RIVER RD & FOSTER	RIVER RD & TECHNOLOGY	RIVER RD & BALMORAL	RIVER RD & WILUAM ST	RIVER RD & BRYN MAWR	RIVER RD & CTA	RIVER RD & RAMP 32X	RIVER RD & WESTIN	RIVER RD & HIGGINS (IL 72)	RIVER RD & ONE O'HARE	RIVER RD & DEVON AVE	BALMORAL AVE & FASHION OUTLETS WAY	SALMORAL AVE & 1-294 RAMPS	BALMORAL AVE & PEARL ST	INTERCONNECT
CODE NO.	ITEM				: 													
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	12				4		•••		4		4					
													· ·					
87806400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	94	14			14	14		14	1		37					
87800415	CONCRETE FOUNDATION, TYPE & 36-INCH DIAMETER	FOOT	70		13	13	28	13			3		***************************************					
87900200	DRILL EXISTING HANDHOLE	EACH	12	1	2	1	1	2	<u> </u>	3							-	2
0.50.20		21011		· · · · · · · · · · · · · · · · · · ·	-	,	,						***************************************			:		2
88030010	SIGNAL HEAD, LED, 1-FACE, 1-SECTION, MAST-ARM MOUNTED	EACH	2							2								
88930020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	32	2	2	2	8	5			7		6					
ggnannen	SIGNAL WEAD LED 1 EACE 2 SECTION DRACKET LANDERS	EACT	^				,											
600.500.50	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	9	1	1	1	1				2		3					
88030070	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	11	1	1	1	2	4			1		1					
	***************************************				***************************************													
88030980	SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	14	1	1	1	3	4			3		1					
	Andrew Control of the									.,								
88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	2								2							
88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4								4					······································		
			·								•							
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	22				10			2	8		2					***************************************
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	221	10	12	13	14	20	20	13	19	12	11	16	21	24	18	
88500100	INDUCTIVE LOOP DETECTOR	EACH	20				5				12							
65300100	HEROTINE GOOT UTITUITY	EAGH	20				9	***************************************			12		3					
88600100	DETECTOR LOOP, TYPE (FOOT	1713				489				1010		214			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
88700200	LIGHT DETECTOR	EACH	18	2	2	2	2	4			3		3					
88700300	LIGHT DETECTOR AMPLIFIER	EACH	7	1	1	1	1	1			1		1					
89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	2								1		1					
			-								<u> </u>		'					
89501250	RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	6	1	1	1		1		1			1				****	

89502210	MCDIFY EXISTING CONTROLLER CABINET	EACH	5	1	1	1		1		1								
									·····									
* SPEC	CIALTY ITEM																	

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

FILE NAME =

N:\ROSEMONT\20004\Traffic_High Vis

DESIGNED - BG DRAWN - F.P.B

CHECKED - EAJ

DATE -

REVISED -

REVISED -

REVISED -

REVISED -

USER NAME = bgunnells

PLOT DATE = 6/20/2025

PLOT SCALE = 2'

Backplate_Plans\08_5005,20004.dgn

												90	% FEDERAL / 10	% LOCAL						
		7777		TINU	TOTAL, QUANTITY	RIVER RD & FOSTER	RIVER RD & TECHNOLOGY	RIVER RD & BALMORAL	RIVER RD & WILLIAM ST	RIVER RD & BRYN MAWR	RIVER RD & CTA	RIVER RD & RAMP 32X	RIVER RD & WESTIN	RIVER RD & HIGGINS (IL 72)	RIVER RD & ONE O'HARE	RIVER RD & DEVON AVE	BALMORAL AVE & FASHION OUTLETS WAY	BALMORAL AVE & 1-294 RAMPS	BALMORAL AVE & PEARL ST	11
DATE		CODE NO	. ITEM														3372273 1171			İ
		89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	7824	899	896	1100		929		-	***************************************							<u> </u>
<u>M</u>																				Ĺ
SING TO BY DATE. SING TO BY DATE. RICHARD OF CRUD RICH		89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	13	1	1	1		1	1	1	1	1	1	1	1	1	1	-
		89502380	REMOVE EXISTING HANDHOLE	EACH	14								9		5					Ĺ
888 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										ļ.,,	ļ									<u> </u>
ENT CHEC		89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	2	-							1		1			<u> </u>		H
SURVEY PLOTTE ALIGNA RT. OF CADD F)		89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	14		-					1	8		6					Γ
PLAN NOTE BOOK NO.																				
PLA NOTE	*	C2007010	SHRUB, ROSA RADRAZZ (KNOCKOUT ROSE), CONTAINER GROWN 3-GALLON	EACH	4				4											Ĺ
g									ļ											Ļ
ENGINEERING LTD.	*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	0,23				0.23							-	ļ			<u> </u>
NGINE		100000447	NU OLI DI ACCUELO CO											ļ						\vdash
1		NW36117	MULCH PLACEMENT 2*	SQYD	43				43						-					H
CHRISTOPHER B. BURKE 8575 Was Highes Road, Sule 600 Resmann Illinois 60018 (847) 823-9500		X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	3842	237	363	294	581	598		669	613	· · · · · · · · · · · · · · · · · · ·	487					-
Sulle Sulle																				
B 6001E		X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	1350															\sqsubseteq
STO St Higgl A, Illinoi 1-0500		<u> </u>																		<u>. </u>
HRIC 575 We: 028mor 47) 623		X0325942	CONCRETE LANDING SLAB	SQ FT	351				351											<u>—</u>
0 88.8																				<u> </u>
		X032/9/8	CONCRETE PAVER PAVEMENT	SQYD	40				40									<u> </u>		\vdash
DATE		X1400144	UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	2					1		1		<u></u>				-		
						<u> </u>				<u> </u>		· 								_
88.4		X1400150	SERVICE INSTALLATION, GROUND MOUNTED. METERED	EACH	3				1				1		1					_
										-										_
		X1400238	LUMINAIRE, LED, SPECIAL	EACH	2		1	1												Ĺ
EHX0																				<u>_</u>
CD TAT*NS		X1400387	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	14		1	~~~~~	6	ļ		2	4		1			ļ		Ŀ
CHECKE ME NOT																				\vdash
SURVEYED PROTTED GRADS CRECKED STRUCTURE NOTAVINS CHYED		X1700107	CURB WALL (SPECIAL)	SQ FT	359				263				91					<u> </u>		\vdash
T T - ". 1	1	1	1	ı	1	1	1	I	1	1	1	I	l	1	I	l .	1	1	1	1

SQ FT

SQ FT

945

104

SUMMARY OF QUANTITIES

CONSTRUCTION CODE: 0021

INTERCONNECT

X5220101 RETAINING WALL REMOVAL

X8140102 GROUND EXISTING HANDHOLE

PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL

FILE NAME =	USER NAME = bgunnells	DESIGNEO	- BG	REVISED -		SUMMARY O	E OUANTITE	8	F.A.U.	SECTION	COUNTY	TOTAL SHEET
N:\ROSEMONT\20004\Traffic\.High Visibilt	Backplete_Plens\89_S0B6_20084.dgn	DRAWN	- FP8	REVISED -	STATE OF ILLINOIS		6 OF 7)	.3	1034 & 2710	19-00035-00-SP	СООК	101 9
	PLOT SCALE = 2'	CHECKED	- EAJ	REVISED -	DEPARTMENT OF TRANSPORTATION	(OILLE)	0 01 7,		21101		CONTRAC	T NO. 61L21
	PLOT DATE = 6/20/2025	DATE	_	REVISEO -		SCALE: NOT TO SCALE SHEET NO. OF SHEE	S STA.	TO STA.	FED. RO	AD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT :	

644

70

103

198

34

^{*} SPECIALTY ITEM

CHRISTOPHER B. BURKE ENGINEERING LTD. F STATE CHAINEERING LTD. F STATE CHAINEERING LTD. F CHAINEERING LTD.	BY	L AN SURVEYED	NOTE BOOK ALIGNMENT CHECKED	RT. OF MAY CHECKED	CADD FILE NAME		
BA	۳	INTE ENGINEERING LTD.	S West Higgins Road, Suite 500	Pinon diministration	(847) 823-0500		
BA	DATE						
PROFILE SURVEYED NOTE BOOK SALE NOTE NOTE NO. STRUCTURE NOTATIVES CIPTED NO. STRUCTURE NOTATIVES CIPTED	8,						

CONSTRUCTION CODE: 0021

				-					***************************************		FEDERAL / 10							
							1	l							1	1	<u> </u>	
,		זואט	TOTAL QUANTITY	RIVER RD & FOSTER	RIVER RD & TECHNOLOGY	RIVER RD & BALMORAL	RIVER RD 8 WILLIAM ST	RIVER RD & BRYN MAWR	RIVER RD & CTA	RIVER RD & RAWP 32X	RIVER RD & WESTIN	RIVER RD & HIGGINS (IL 72)	RIVER RD & ONE O'HARE	RIVER RD & DEVON AVE	BALMORAL AVE & FASHION OUTLETS WAY	BALMORAL AVE & I-294 RAMPS	BALMORAL AVE & PEARL ST	INTERCONNECT
CODE NO.	пем												·					
X8570215	FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	2	1				1	<u> </u>									
								:										
X8570233	FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	3				1				1		t					
X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3				1				1		1					
														-				
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	4609															4609
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	25		4		9			2	8		2					
X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	56		4		24			8	16		4					
X8891009	VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	3								2		1					
X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	4	1	1	;		1										
				400000														
XX000541	EXPLORATORY EXCAVATION	CUYD	20				20											
														····				
XX006821	CONCRETE TRUCK WASHOUT	LSUM	1	0.125	0.125	0.125	0.125	0.125		0.125	0.125		0.125					
XX024100	EXPOSED AGGREGATE SURFACE	SQ FT	145				85				60							
																		<u></u>
Z0013798	CONSTRUCTION LAYOUT	LSUM	1	0.067	0.087	0.067	0.067	0,067	0.067	0.067	0.067	0.067	0.067	0.066	0,066	0.066	0.086	0.066
Z0018911	DRILL AND GROUT #6 TIE BARS	EACH	427				215			36	140		36					
											T							<u></u>
Z0033020	LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	5		. 1	1												
Z9073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	6	1	1	1		1			1		1					
20076600	TRAINEES	HOUR	500															
7007004	TRANSFO TRANSFO PROGRAM ORANIATE	110:	m/-															
20076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500															
* CDE	CIALTY ITEM																	

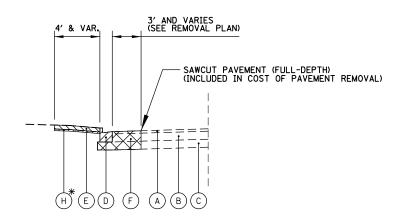
^{*} SPECIALTY ITEM

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\triangle = CONSTRUCTION CODE: 0042

FILE NAME =	USER NAME = bgunnells	DESIGNED - BG	REVISED -		SUMMARY OF QUANTITIES	F.A.U. SECTION COUNTY TOTAL SHEET
N:\ROSEMONT\20084\Traffic_High Visibilt	/ Beckplete_Plans\IØ_S007_22224.dgn	DRAWN - FPB	REVISED -	STATE OF ILLINOIS	(SHEET 7 OF 7)	1034 L 2710 19-00035-00-SP COOK 101 10
	PLOT SCALE = 2'	CHECKED - EAJ	REVISED -	DEPARTMENT OF TRANSPORTATION	(otters 1 of 1)	CONTRACT NO. 61L21
	PLOT DATE = 7/23/2025	DATE -	REVISED -		SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. : ILLINOIS FED. AID PROJECT :



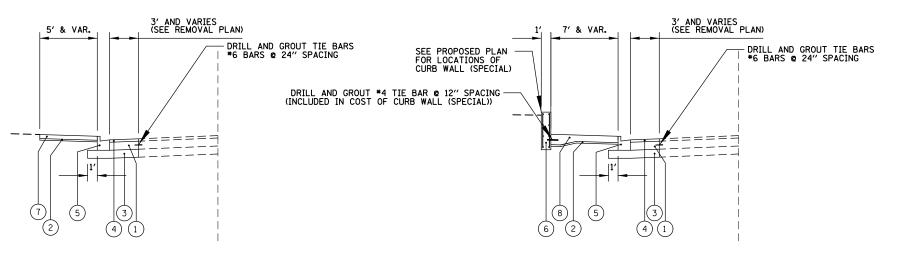
3' AND VARIES (SEE REMOVAL PLAN) 4' & VAR. SEE REMOVAL PLAN FOR BLOCK WALL REMOVAL LOCATIONS SAWCUT PAVEMENT (FULL-DEPTH) (INCLUDED IN COST OF PAVEMENT REMOVAL) (H)(E)(D)(F)

EXISTING TYPICAL SECTION

RIVER ROAD ADJACENT TO ADA RAMP RECONSTRUCTION

EXISTING TYPICAL SECTION

RIVER ROAD ADJACENT TO ADA RAMP RECONSTRUCTION
(WITH EXISTING RETAINING WALL)



PROPOSED TYPICAL SECTION

RIVER ROAD ADJACENT TO ADA RAMP RECONSTRUCTION

PROPOSED TYPICAL SECTION

RIVER ROAD ADJACENT TO ADA RAMP RECONSTRUCTION (WITH PROPOSED CURB WALL (SPECIAL))

AREAS OF TURF THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE RESTORED WITH 4" OF TOPSOIL AND SODDING. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

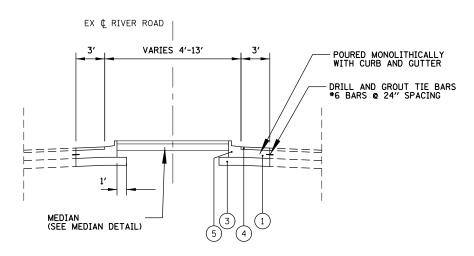
MIXTURE TYPE	AIR VOIDS @Ndes	QMP
RIVER ROAD PAVEMENT HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70; 2"	4% @ 70 GYR	LR 1030 - 2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR10:	30-2	

- NOTES: 1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SQ YD/IN.
- 2. THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE AC TYPE SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

VARIES 7'-19' · SAWCUT PAVEMENT (FULL-DEPTH) (INCLUDED IN COST OF PAVEMENT REMOVAL) (B) - SAWCUT PAVEMENT (FULL-DEPTH) (INCLUDED IN COST OF PAVEMENT REMOVAL) **EXISTING TYPICAL SECTION**

EX ¢ RIVER ROAD

RIVER ROAD MEDIAN STA. 75+41 TO STA. 76+11



PROPOSED TYPICAL SECTION

RIVER ROAD MEDIAN STA. 75+41 TO STA. 76+11

LEGEND

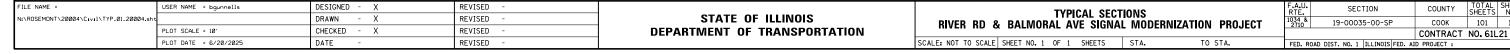
- EXISTING PAVEMENT TO REMAIN
- (B) EXISTING PCC BASE TO REMAIN
- (c) EXISTING AGGREGATE SUBGRADE TO REMAIN
- (D) CC&G REMOVAL (44000500)
- (E) SIDEWALK REMOVAL (44000600)
- (F)PAVEMENT REMOVAL (44000100)
- (G) RETAINING WALL REMOVAL (X0322924)
- EARTH EXCAVATION (20200100)

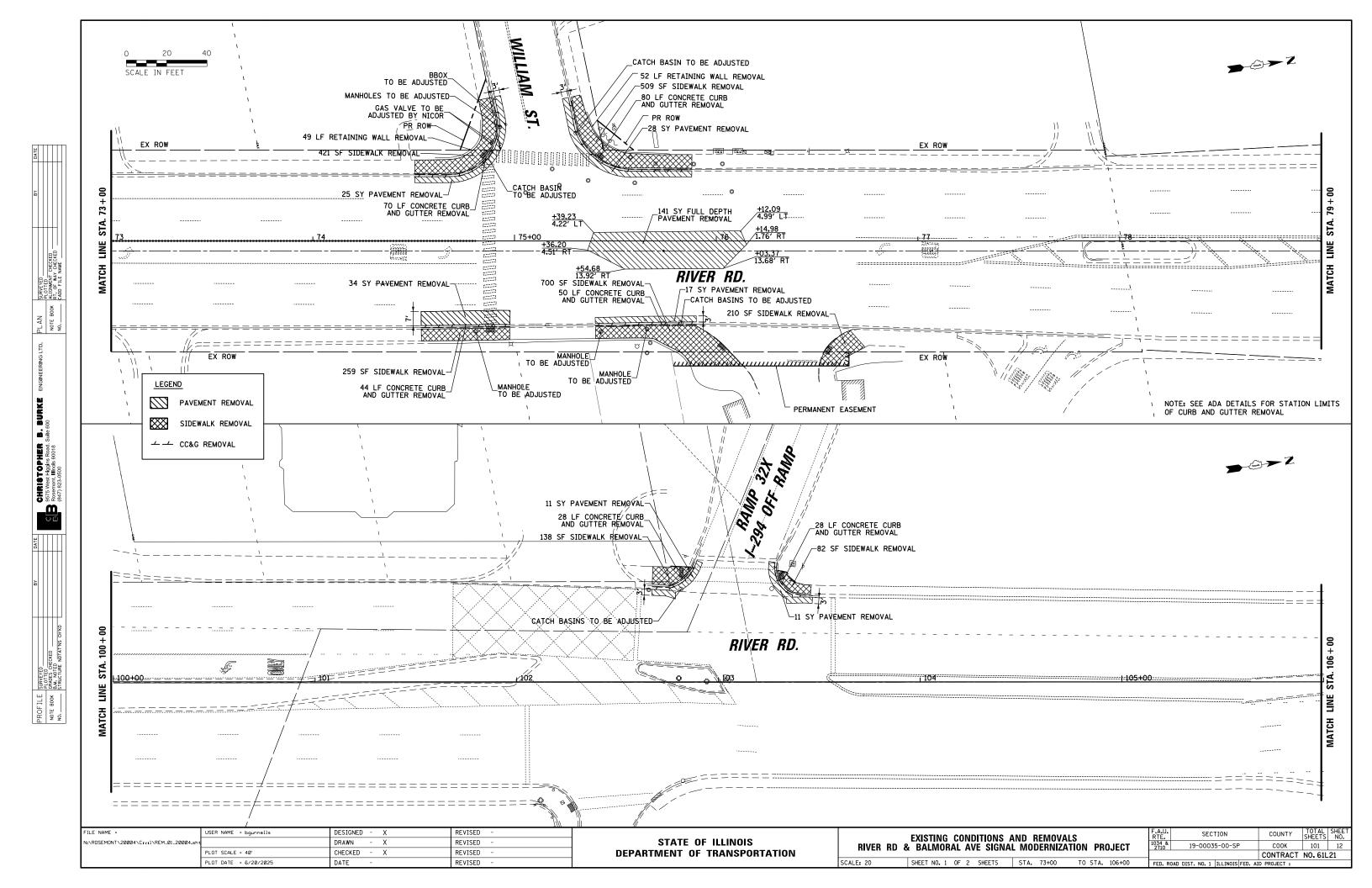


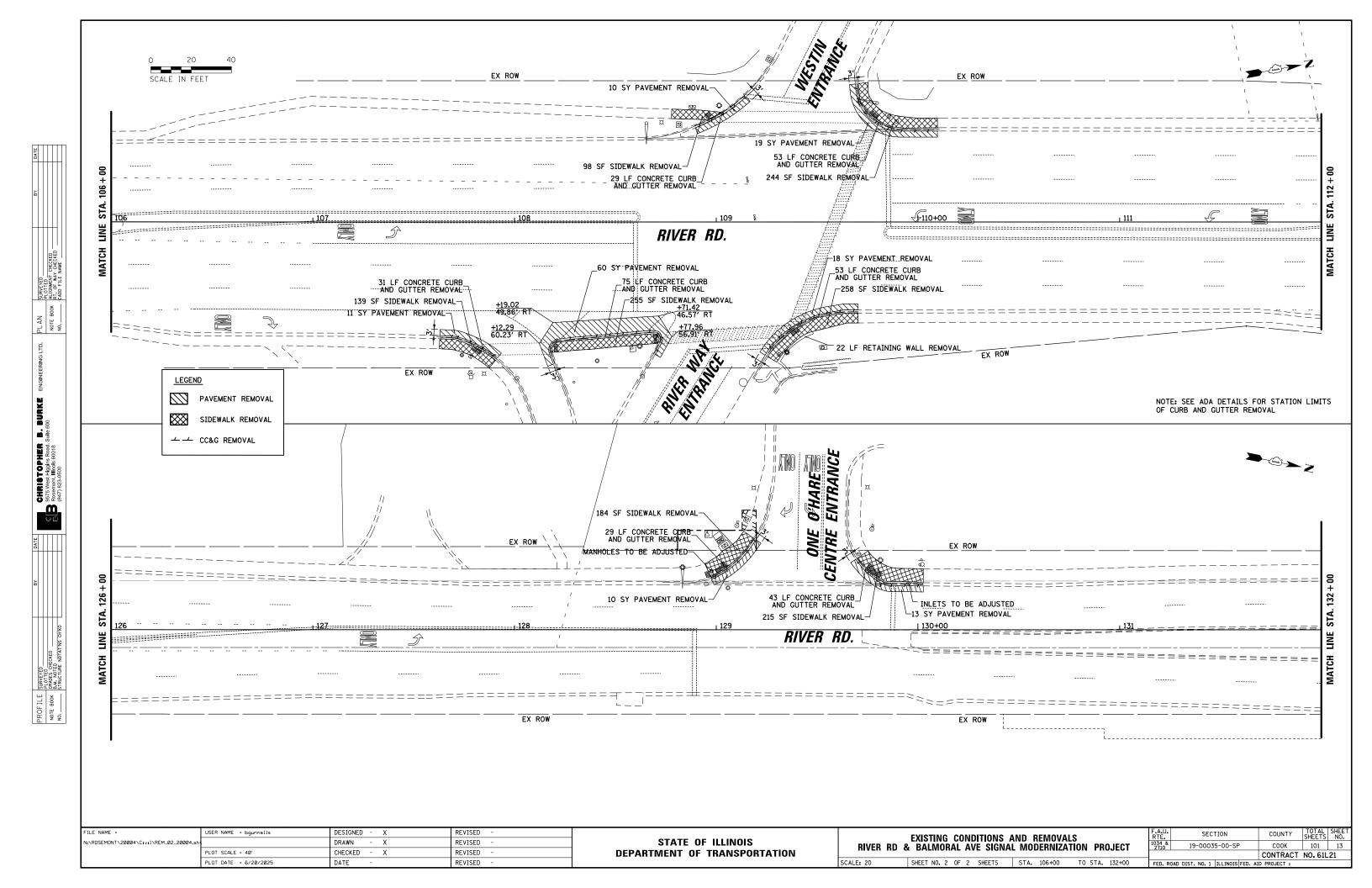
REMOVAL ITEMS

*ANY FARTH EX REQUIRED IN PROPOSED IMPROVEMENT WILL BE INCLUDED IN COST OF ITEM BEING CONSTRUCTED

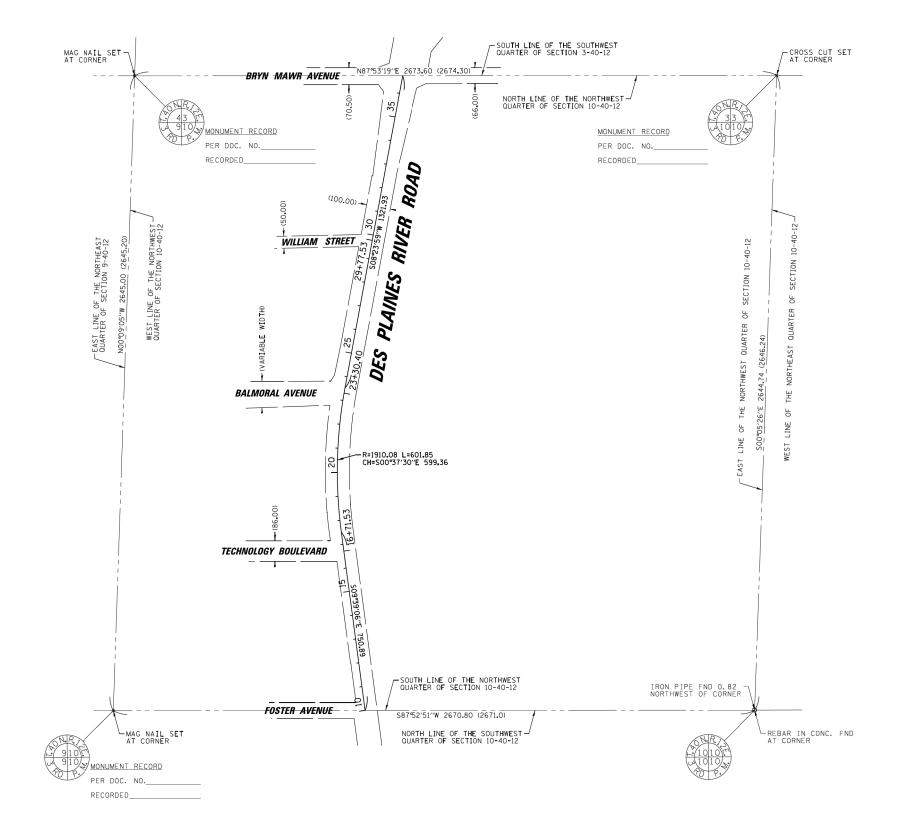
- PORTLAND CEMENT CONCRETE BASE COURSE, 10" (35300500)
- SUBBASE GRANULAR MATERIAL, TYPE B, 2" (31101180)
- SUBBASE GRANULAR MATERIAL, TYPE B, 8" (31101600)
- HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70, 2" (40604062)
- COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (12" DEPTH) (60603800)
- CURB WALL SPECIAL (X1700107)
- PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (42400200)
- PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL (X4240460)





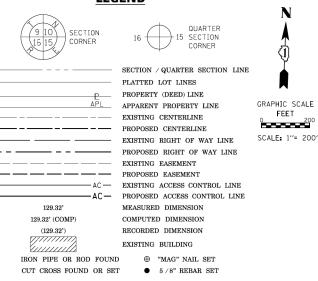


PART OF THE NORTHEAST QUARTER OF SECTION 9, TWP. 40 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS. PART OF THE NORTHWEST QUARTER OF SECTION 10, TWP. 40 N., R. 12 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



ILLINOIS STATE	ORDINATE 1 PLANE CC AD 83 (20		EM,
DES PLAINES RIVER ROAD			
LOCATION	STATION	NORTHING	EASTING
STA. BEGIN/¢ FOSTER AV ¢ TECHNOLOGY BLVD	10+00.00 16+71.53 17+50.89	1933215, 5917 1933877, 6157 1933955, 8580	1112345.8420 1112233.2561
¢ BALMORAL AV	23+30, 40 23+52, 74	1934533.0611 1934555.1831	1112210.2779 1112213.4132
\$TA. END/\$ BRYN MAWR AV	36+74.68	1935173.2651 1935862.9375	1112304.6792

LEGEND



STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.

BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS) RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS COUNTY OF COOK

THIS IS TO CERTIFY THAT I, KENNETH J. RASMUSSEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, CHRISTOPHER B. BURKE ENGINEERING, LTD. AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184,001175-0014,) HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 3, 9 & 10, 10WNSHIP 40 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT ROSEMONT, ILLINOIS THIS ____ DAY OF ___

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3240 LICENSE EXPIRATION DATE: 11-30-2024

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

ALL DIMENSION ARE MEASURED UNLESS OTHERWISE SPECIFIED

BEARINGS AND DISTANCES SHOWN HEREON ARE ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".

ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES BY THE COMBINATION FACTOR OF 0.99968847.

AREAS SHOWN ON THIS PLAT ARE "GROUND"



PLAT OF HIGHWAYS

STATE OF ILLINOIS **VILLAGE OF ROSEMONT** DES PLAINES RIVER ROAD

LIMITS: TECHNOLOGY BOULEVARD TO BRYN MAWR AVENUE

COUNTY: COOK

SECTION: 19-00035-00-SP STA. 10+00.00

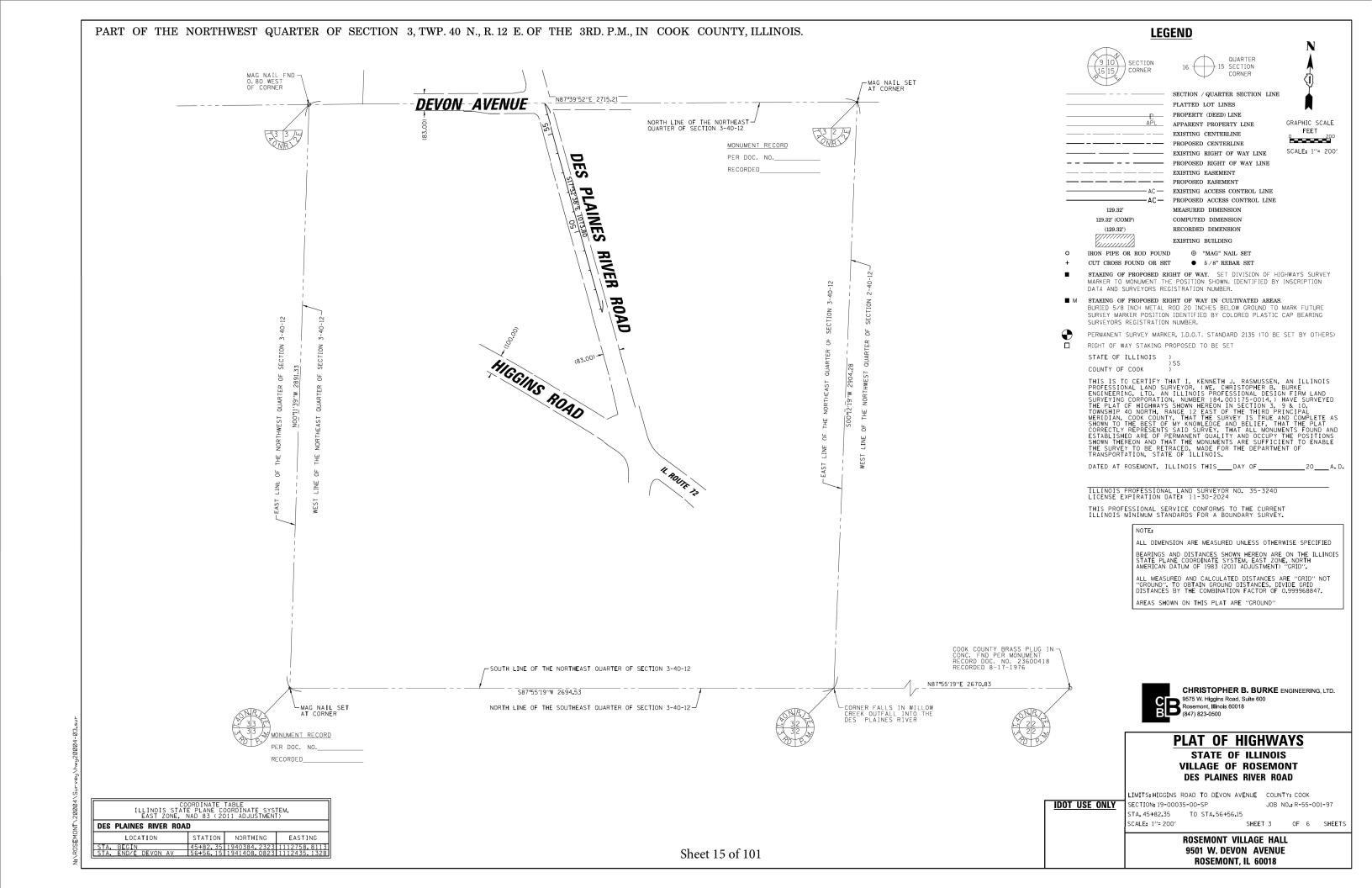
JOB NO.: R-55-001-97 TO STA.36+74.68

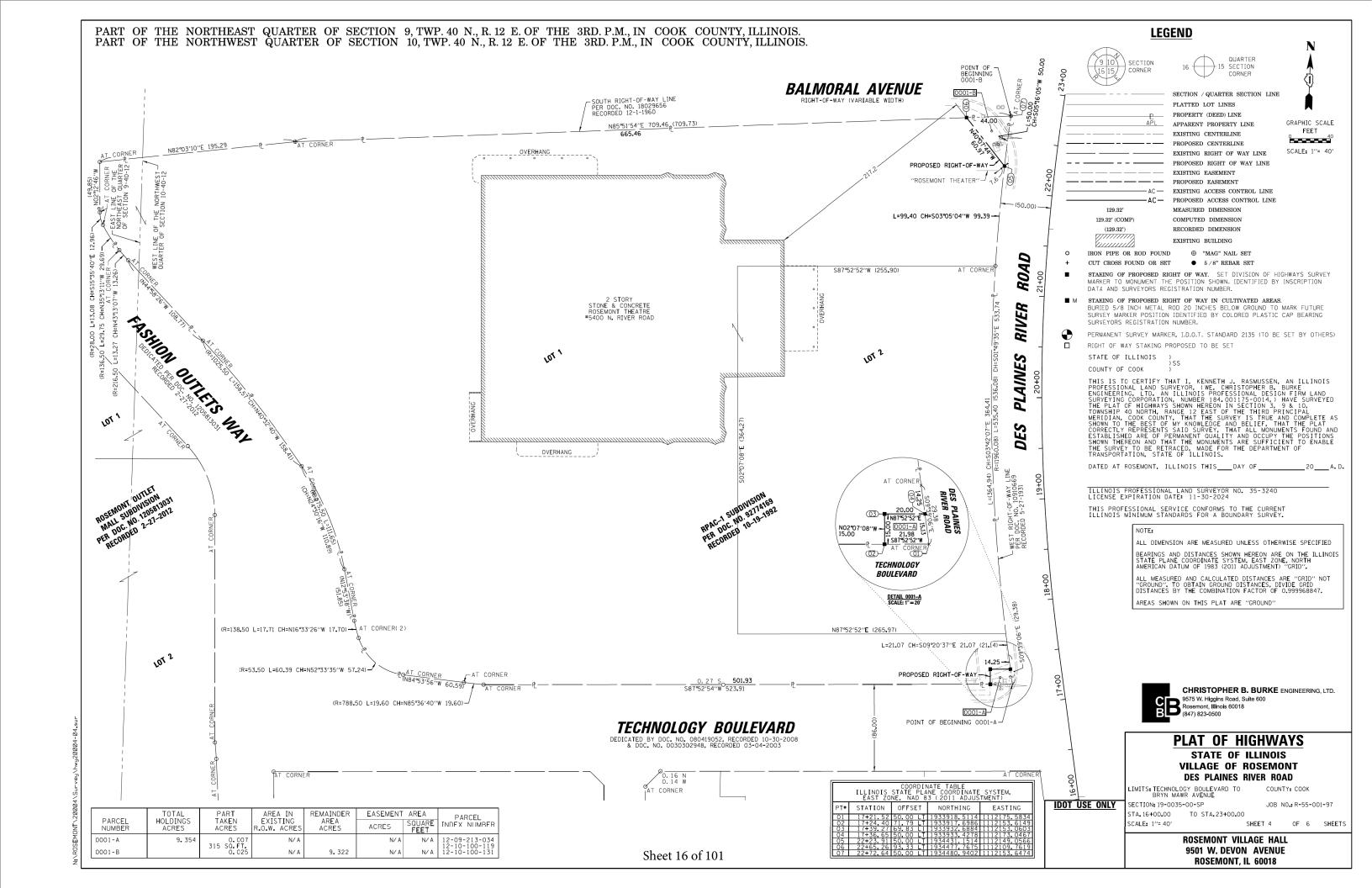
SCALE: 1"= 200" SHEET 2 OF 6 SHEETS **ROSEMONT VILLAGE HALL**

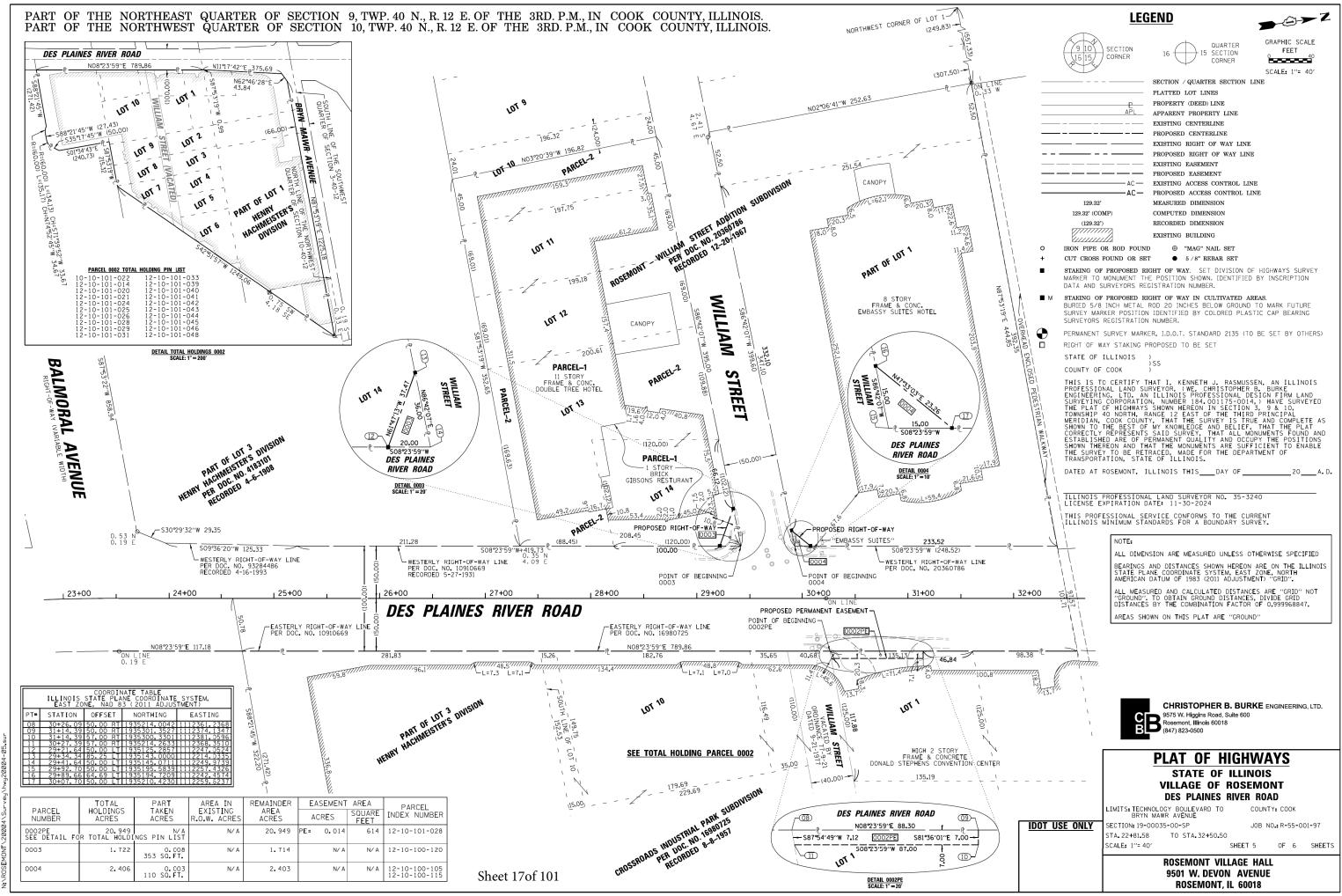
9501 W. DEVON AVENUE ROSEMONT, IL 60018

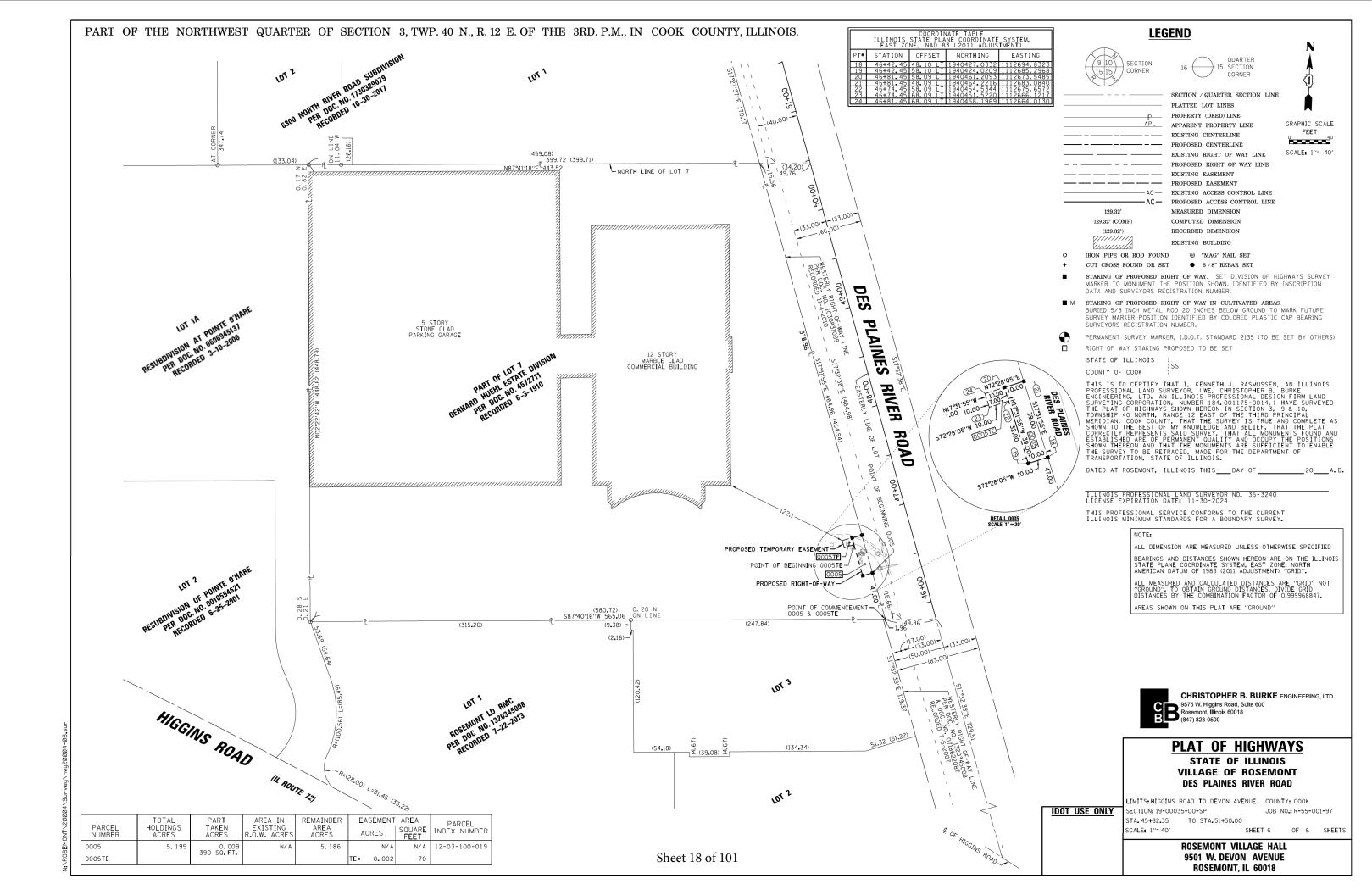
IDOT USE ONLY

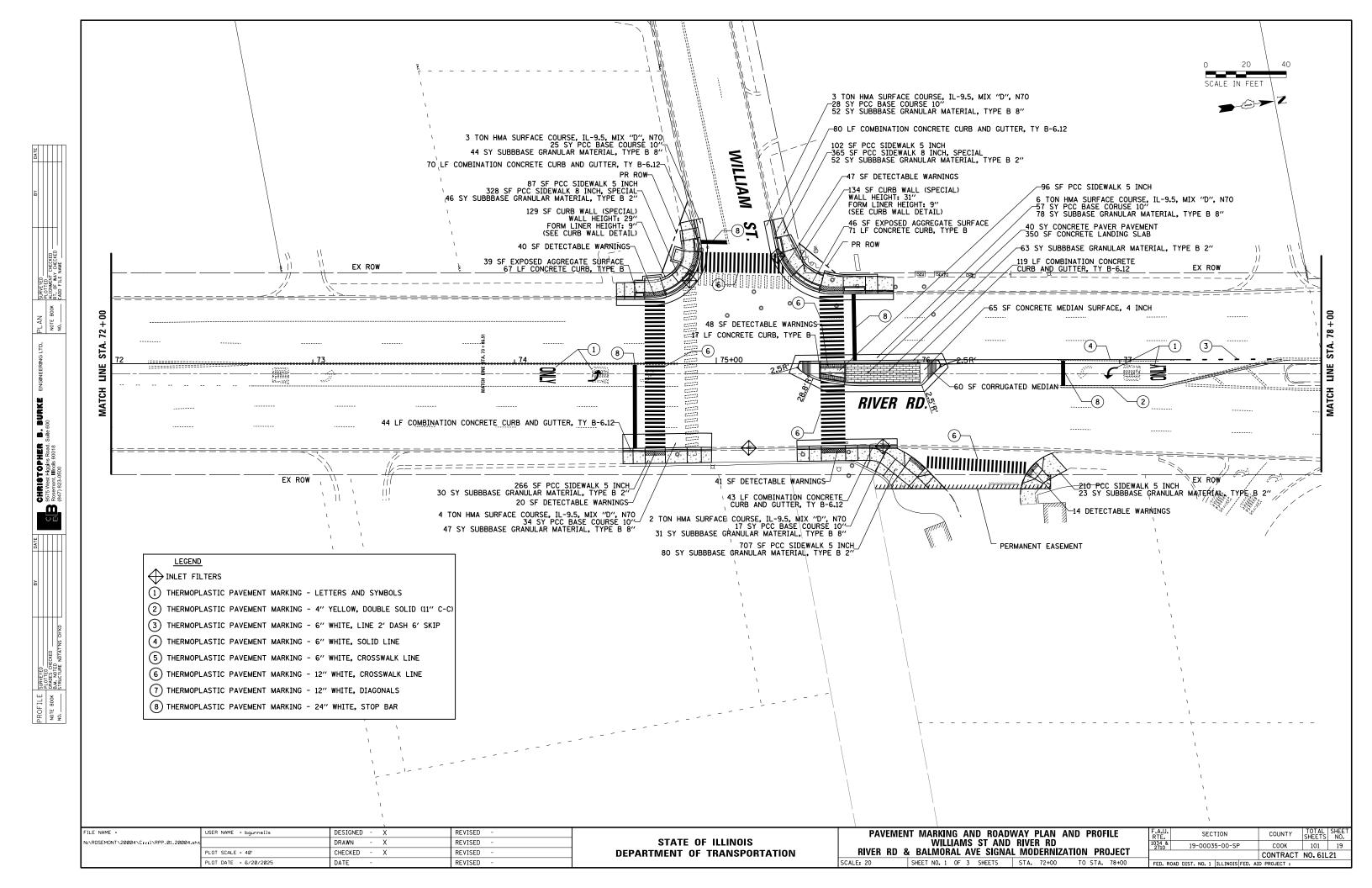
Sheet 14 of 101

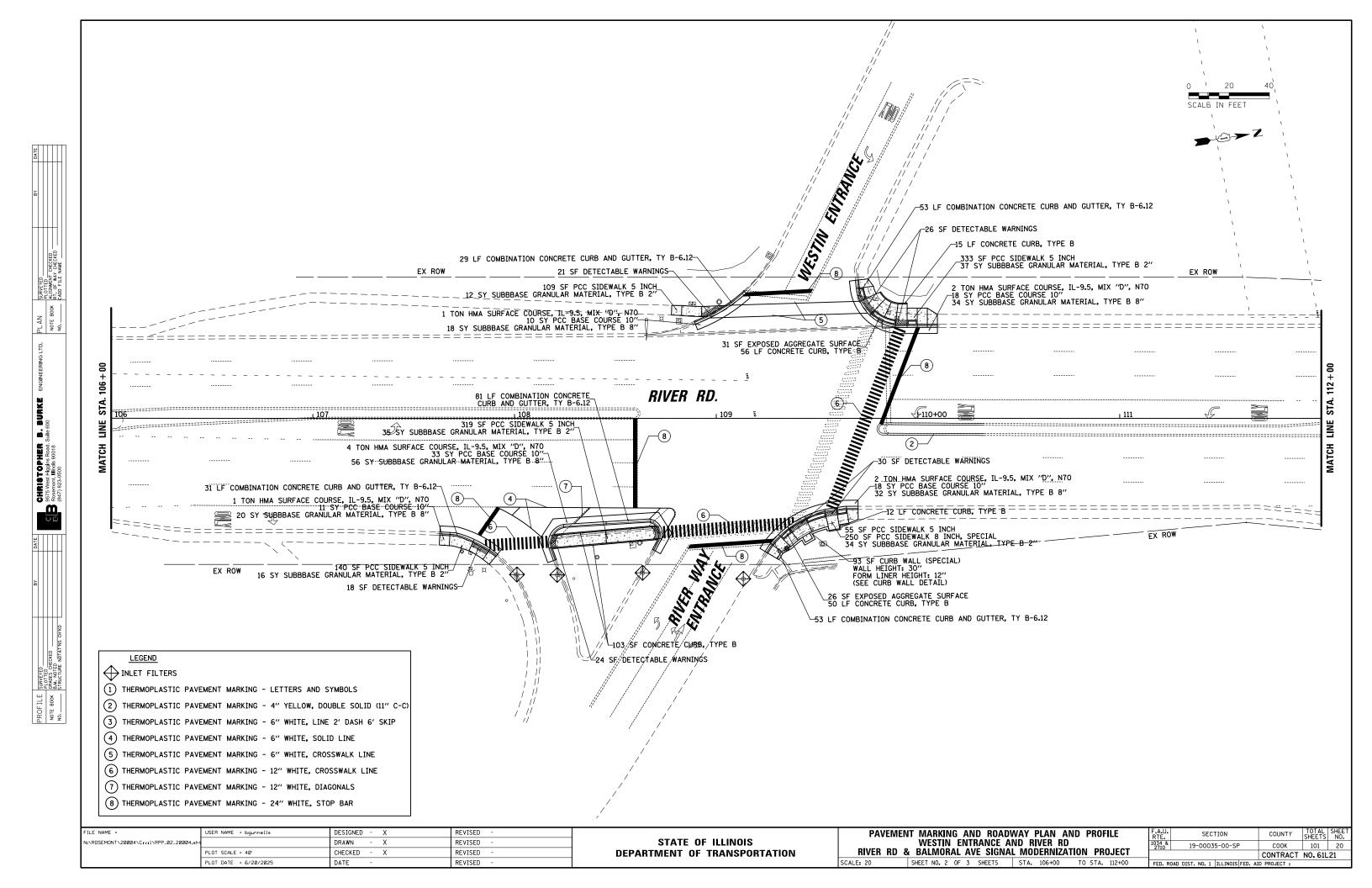


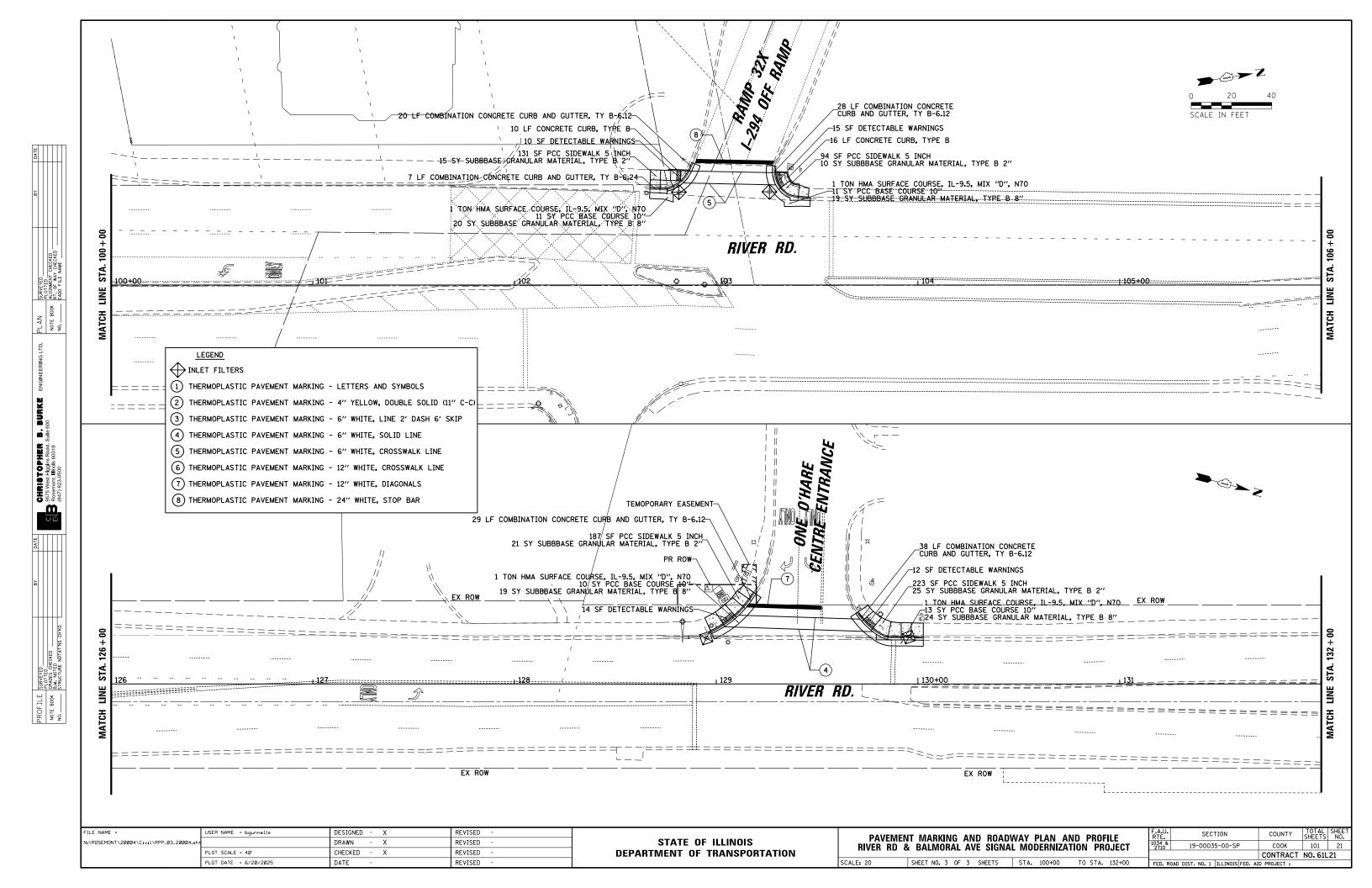


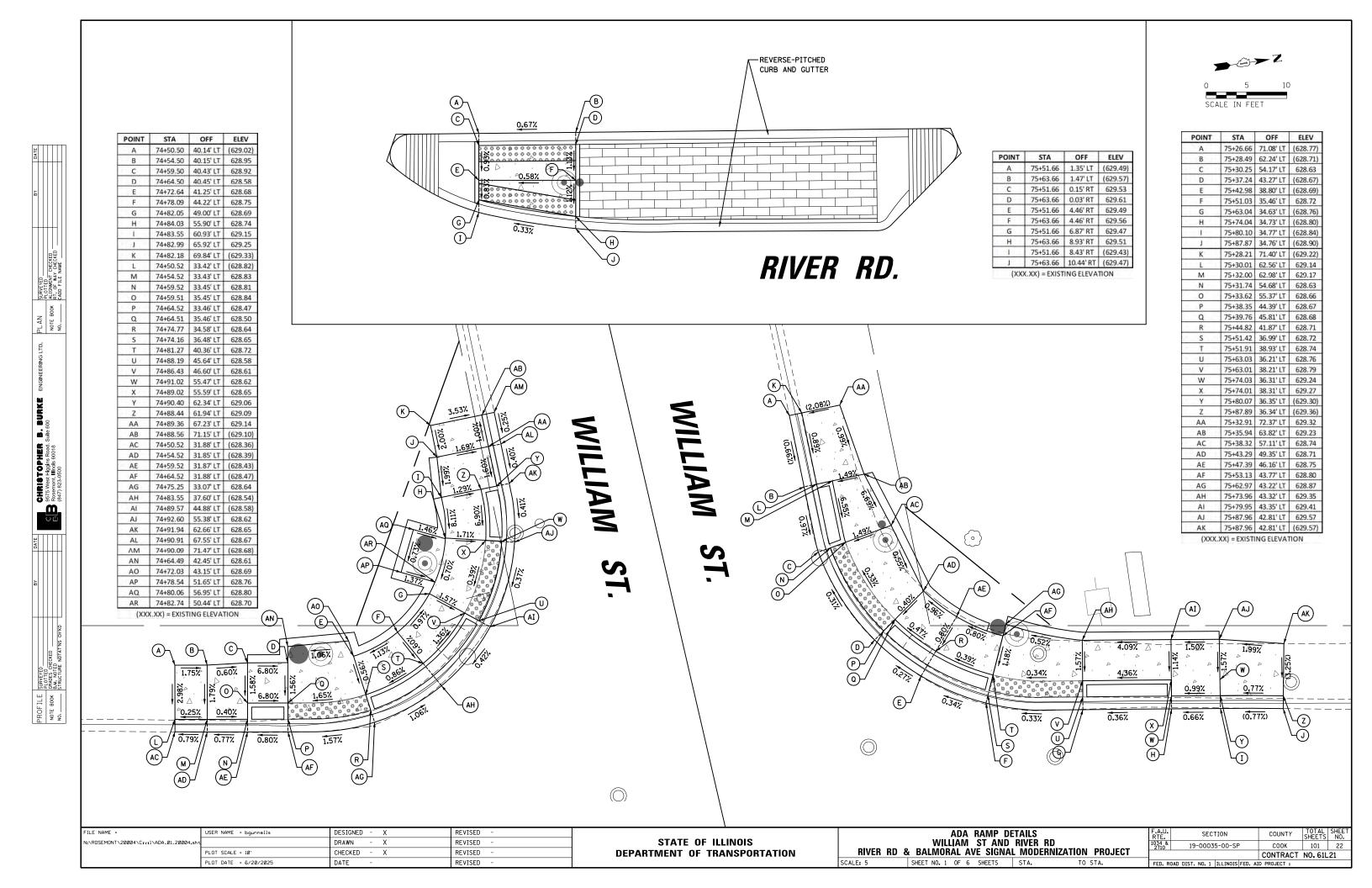




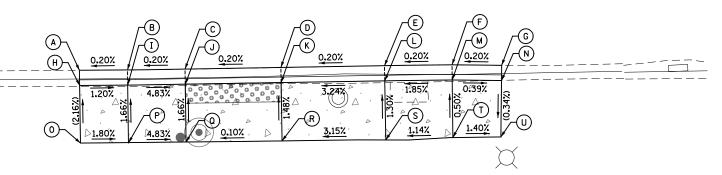








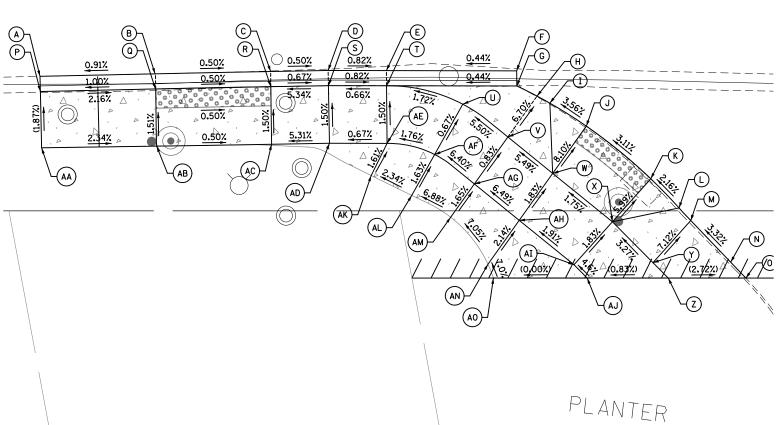




POINT	STA	OFF	ELEV
Α	74+53.71	41.97' RT	(628.35)
В	74+58.72	41.93' RT	628.36
С	74+64.71	41.84' RT	628.37
D	74+74.71	41.67' RT	628.39
E	74+85.50	41.49' RT	628.42
F	74+92.54	41.39' RT	628.43
G	74+97.71	41.45' RT	(628.44)
H	74+53.74	43.55' RT	(628.72)
1	74+58.74	43.50' RT	628.66
1	74+64.74	43.42' RT	628.37
K	74+74.73	43.25' RT	628.39
L	74+85.53	43.07' RT	628.74
M	74+92.56	42.97' RT	628.87
N	74+97.70	43.03' RT	(628.85)
0	74+53.82	49.56' RT	(628.85)
Р	74+58.82	49.53' RT	628.76
Q	74+64.82	49.44' RT	628.47
R	74+74.82	49.32' RT	628.48
S	74+85.63	49.22' RT	(628.82)
T	74+92.63	48.98' RT	628.90
U	74+97.63	48.91' RT	(628.83)

(XXX.XX) = EXISTING ELEVATION

RIVER RD.



В	/5+52.0/	40.65 KT	628.81
C	75+64.07	40.43' RT	(628.75)
D	75+70.06	40.32' RT	(628.72)
E	75+76.14	40.27' RT	(628.67)
F	75+89.70	40.36' RT	628.73
G	75+89.71	41.94' RT	629.17
Н	75+91.82	42.99' RT	629.22
1	75+93.16	43.72' RT	629.25
J	75+96.96	46.11' RT	629.34
K	76+03.68	51.60' RT	(629.68)
L	76+06.62	54.64' RT	(629.77)
M	76+07.84	55.95' RT	(629.81)
N	76+12.01	60.30' RT	(630.01)
0	75+40.07	42.51' RT	(629.07)
Р	75+52.09	42.24' RT	(628.81)
Q	75+64.09	42.01' RT	628.75
R	75+70.08	41.90' RT	629.07
S	75+76.15	41.91' RT	629.11
Т	75+84.08	43.83' RT	629.25
U	75+88.79	47.25' RT	629.50
٧	75+93.46	51.04' RT	629.79
W	75+99.68	56.08' RT	629.91
X	76+03.91	60.35' RT	630.17
Υ	76+08.14	64.62' RT	630.44
Z	75+40.20	48.38' RT	(629.18)
AA	75+52.17	48.20' RT	(628.90)
AB	75+64.16	48.01' RT	628.84
AC	75+70.19	47.90' RT	629.16
AD	75+76.19	47.91' RT	629.20
AE	75+81.16	49.07' RT	629.29
AF	75+85.30	52.15' RT	629.54
AG	75+89.97	55.93' RT	629.83
АН	75+95.67	60.56' RT	629.95
Al	75+99.90	64.83' RT	630.23
AJ	76+04.13	69.10' RT	(630.51)
AK	75+74.55	51.26' RT	629.26
AL	75+78.77	53.34' RT	629.37
AM	75+82.83	55.61' RT	629.58
AN	75+86.71	60.50' RT	629.86
AO	75+91.67	65.04' RT	(630.04)

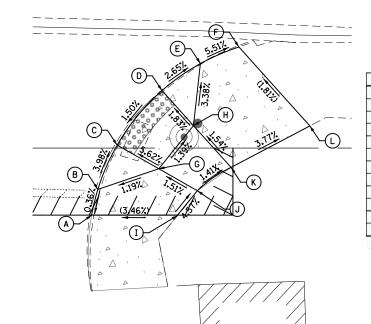
 POINT
 STA
 OFF
 ELEV

 A
 75+40.03
 40.93' RT
 (628.70)

 B
 75+52.07
 40.66' RT
 628.81



RIVER RD.



COLUMN

POINT	STA	OFF	ELEV
Α	76+51.05	61.95' RT	(630.54)
В	76+51.71	59.26' RT	630.55
С	76+53.72	54.65' RT	630.35
D	76+58.39	48.97' RT	630.46
E	76+62.40	46.15' RT	630.33
F	76+66.40	44.42' RT	(630.09)
G	76+58.05	57.11' RT	630.63
H	76+61.67	52.62' RT	630.55
-1-	76+60.00	61.95' RT	(630.85)
1	76+62.07	59.40' RT	630.70
K	76+65.58	56.97' RT	630.64
L	76+73.79	52.65' RT	(630.29)

(XXX.XX) = EXISTING ELEVATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
WILLIAM ST AND RIVER RD
RIVER RD & BALMORAL AVE SIGNAL MODERNIZATION PROJECT
LE: 5 SHEET NO. 2 OF 6 SHEETS STA. TO STA.

A.U. SECTION COUNTY TOTAL SHEET NO. 34.0 19-00035-00-SP COOK 101 23

CONTRACT NO. 61L21

ED. ROAD DIST. NO. 1 | ILLINOIS|FED. AID PROJECT :





POINT STA OFF ELEV A 109+26.96 61.97' RT (629.76) B 109+28.21 62.94' RT (630.22) C 109+32.32 66.14' RT (630.13)

D 109+30.86 57.57' RT (629.86) E 109+31.98 58.70'RT 630.11



	CHRISTOPHER	S bood poisoit thought 5000	Solo West Higgins Noad, of	Rosemont, Illnois 60018	(847) 823-0500	
		()	00		
DATE						
ВҮ						
			KED		IOTAT'NS CH'KD	

RIVER	RD.
B 1.00½ (C) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D	
(K) 0.60% (S) 4.54% (K) 0.80% (K)	
© F 137	
	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

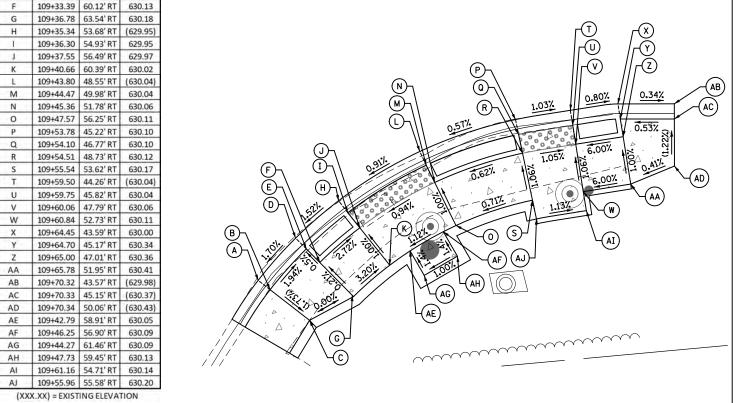
POINT	STA	OFF	ELEV
A	107+63.00	56.31' RT	(629.85)
В	107+62.93	57.88' RT	(630.25)
C	107+62.67	62.81' RT	(630.34)
D	107+68.00	56.57' RT	(629.80)
E	107+67.92	58.14' RT	(630.22)
F	107+67.66	63.13' RT	630.30
G	107+80.02	60.01' RT	(629.68)
H	107+79.35	61.45' RT	629.68
1	107+77.25	65.98' RT	629.75
J.	107+88.05	64.61' RT	629.56
K	107+87.13	65.89' RT	629.56
L	107+84.23	69.95' RT	629.65
М	107+91.58	67.33' RT	(629.49)
N	107+90.58	68.55' RT	(629.89)
0	107+87.43	72.35' RT	(629.98)

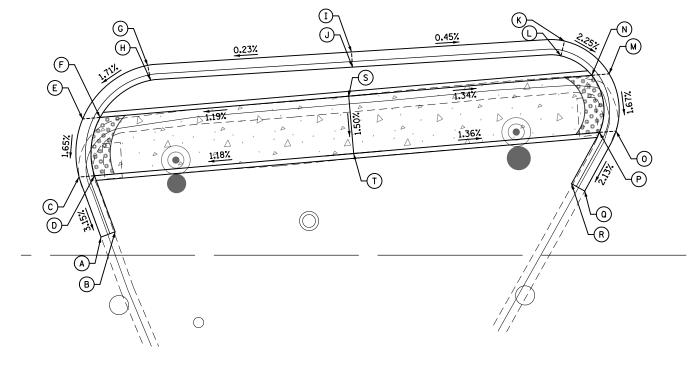
RIVER RD.

POINT	STA	OFF	ELEV	
Α	108+19.29	70.49' RT	(629.57)	
В	108+20.77	69.94' RT	(630.00)	
С	108+17.00	64.24' RT	629.78	
D	108+18.61	64.11' RT	629.78	
E	108+17.38	58.19' RT	(629.88)	
F	108+19.20	58.03' RT	629.88	
G	108+24.16	52.60' RT	(630.03)	
н	108+24.47	54.15' RT	630.47	
1-	108+45.40	51.21' RT	630.12	
J	108+45.50	52.79' RT	630.56 (629.98)	
K	108+67.59	50.07' RT		
Ł	108+67.23	51.61' RT	630.42	
M	108+72.24	53.49' RT	(629.85)	
N	108+70.43	53.64' RT	629.85	
0	108+72.96	59.45' RT	(629.75)	
Р	108+71.23	59.59' RT	629.75	
Q	108+69.70	65.69' RT	(629.60)	
R	108+68.32	64.93' RT	(629.92)	
S	108+45.11	55.81' RT	630.19	
T	108+45.62	61.79' RT	630.10	

(XXX.XX) = EXISTING ELEVATION

RIVER RD.

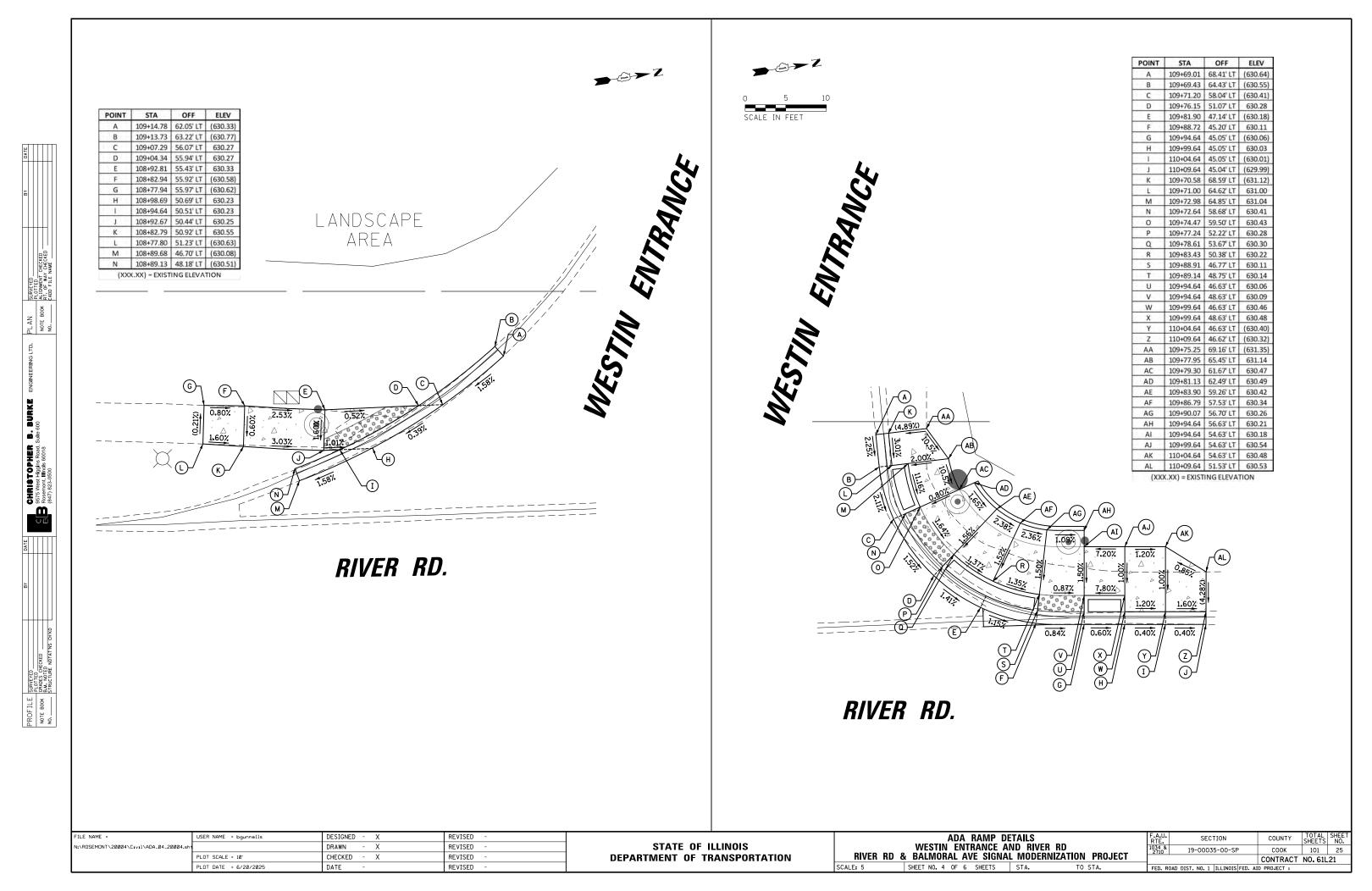


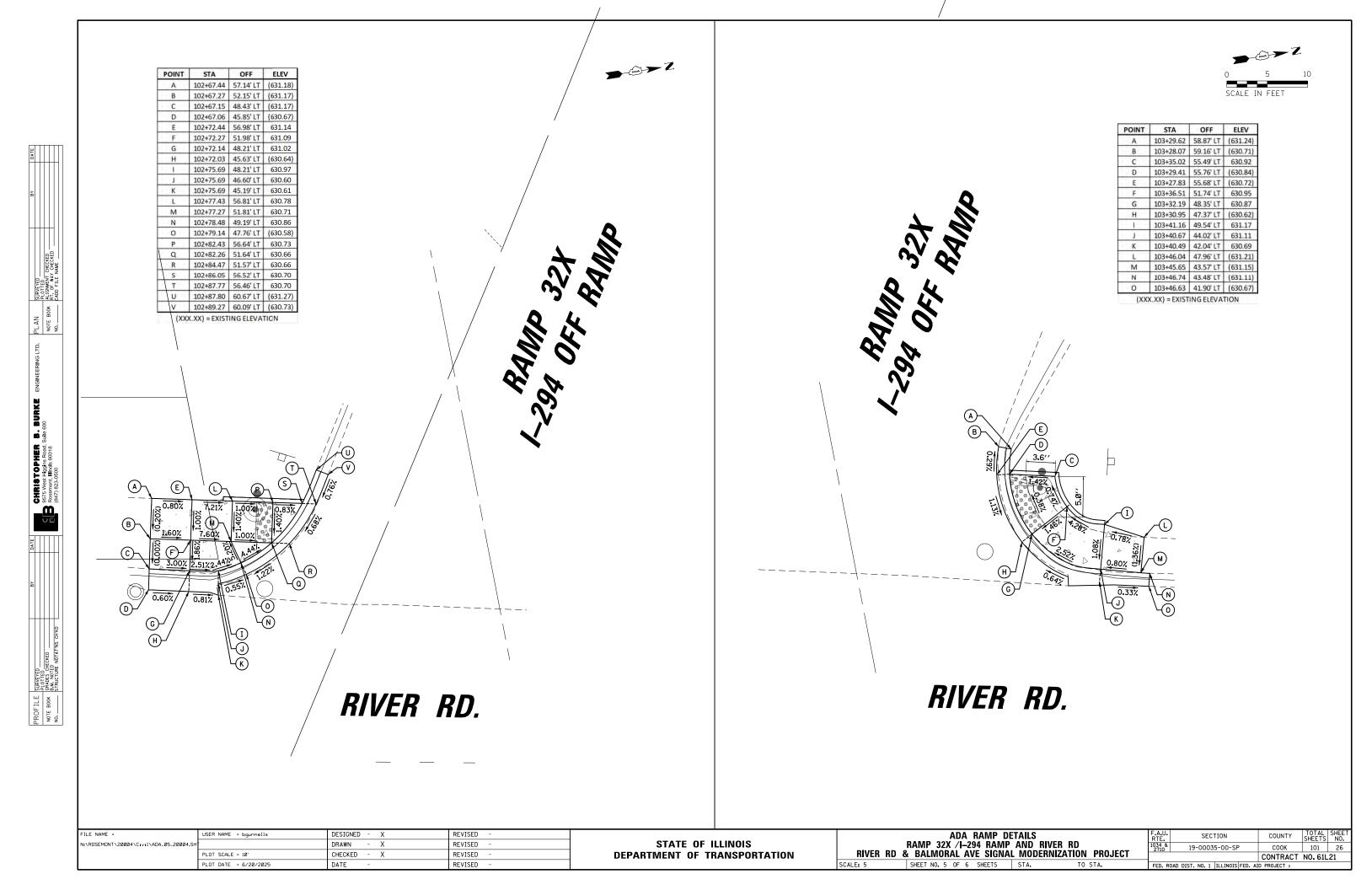


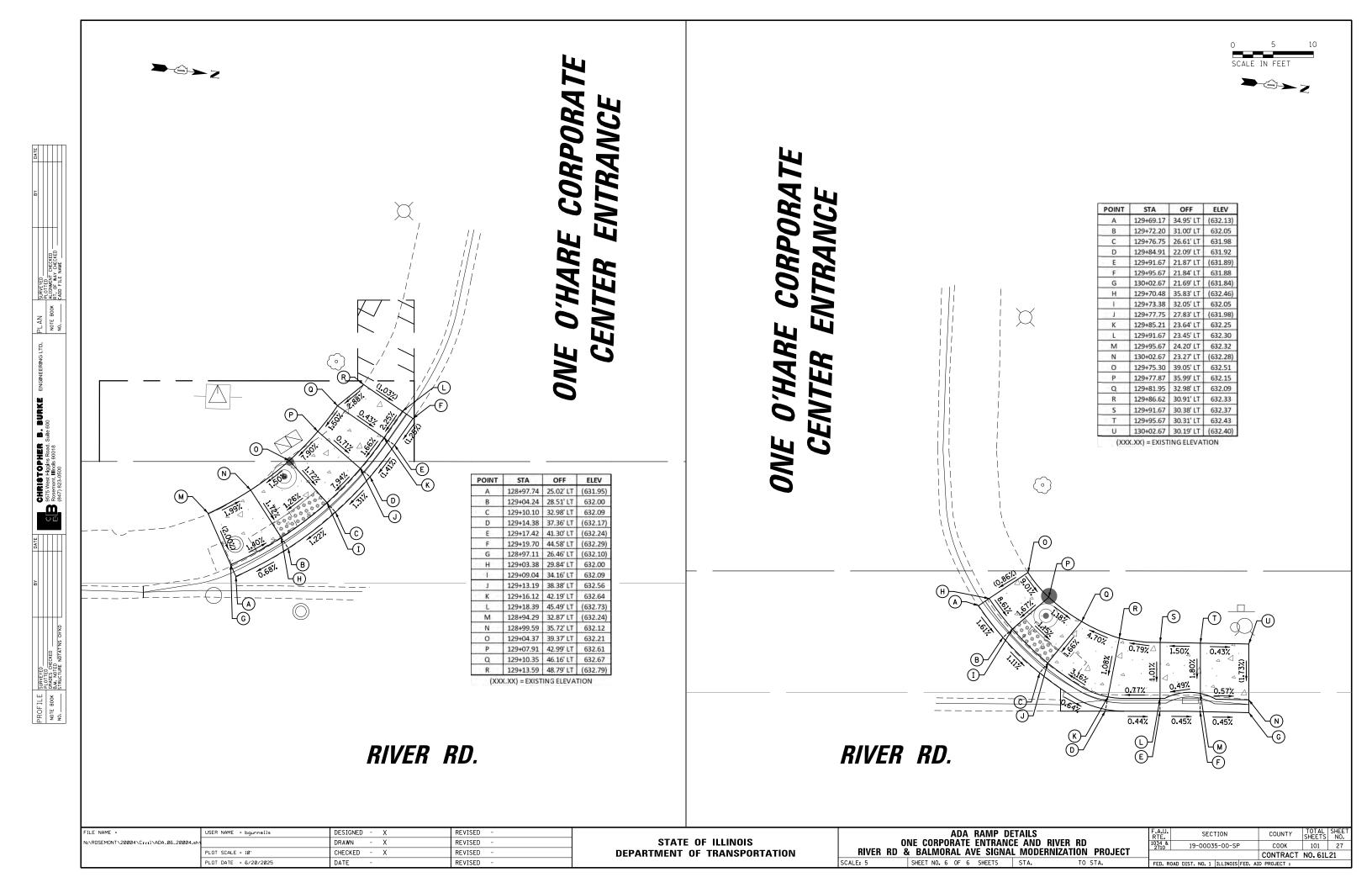
ILE NAME =	USER NAME = bgunnells	DESIGNED - X	REVISED -	
\ROSEMONT\20004\Civil\ADA_03_20004.sh		DRAWN - X	REVISED -	
	PLOT SCALE = 10'	CHECKED - X	REVISED -	
	PLOT DATE = 6/20/2025	DATE -	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

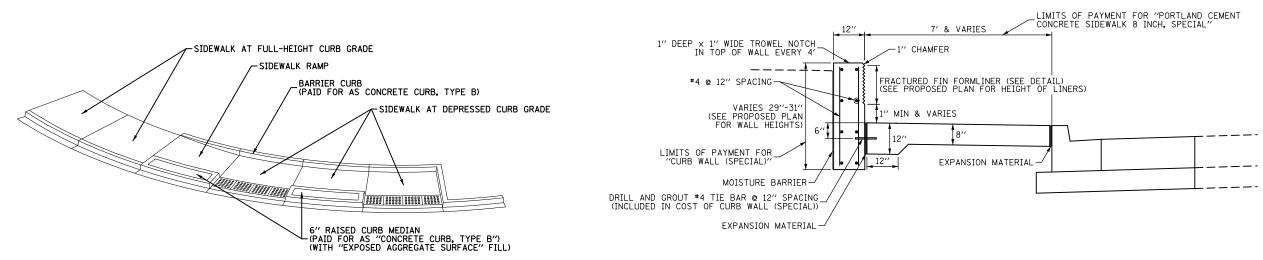
	ADA RAMP DE			F.A.U. RTE.	SECTION
RIVER RD 8	WESTIN ENTRANCE AI BALMORAL AVE SIGNAI		PROJECT	1034 & 2710	19-00035-00-SP
.E: 5	SHEET NO. 3 OF 6 SHEETS	STA. TO	STA.	FED. ROA	D DIST. NO. 1 ILLINOIS F





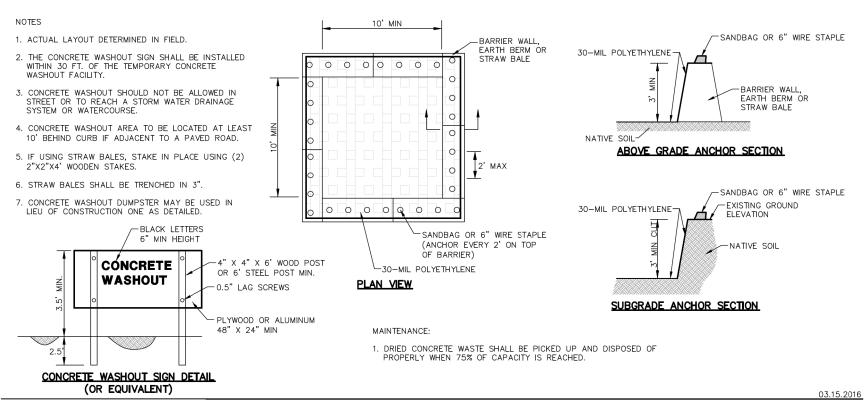






ADA RAMP WITH RAISED CURB MEDIAN DETAIL

PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH, SPECIAL CURB WALL (SPECIAL)



1¹/₄"

NOMINAL

//2"

3/₄"

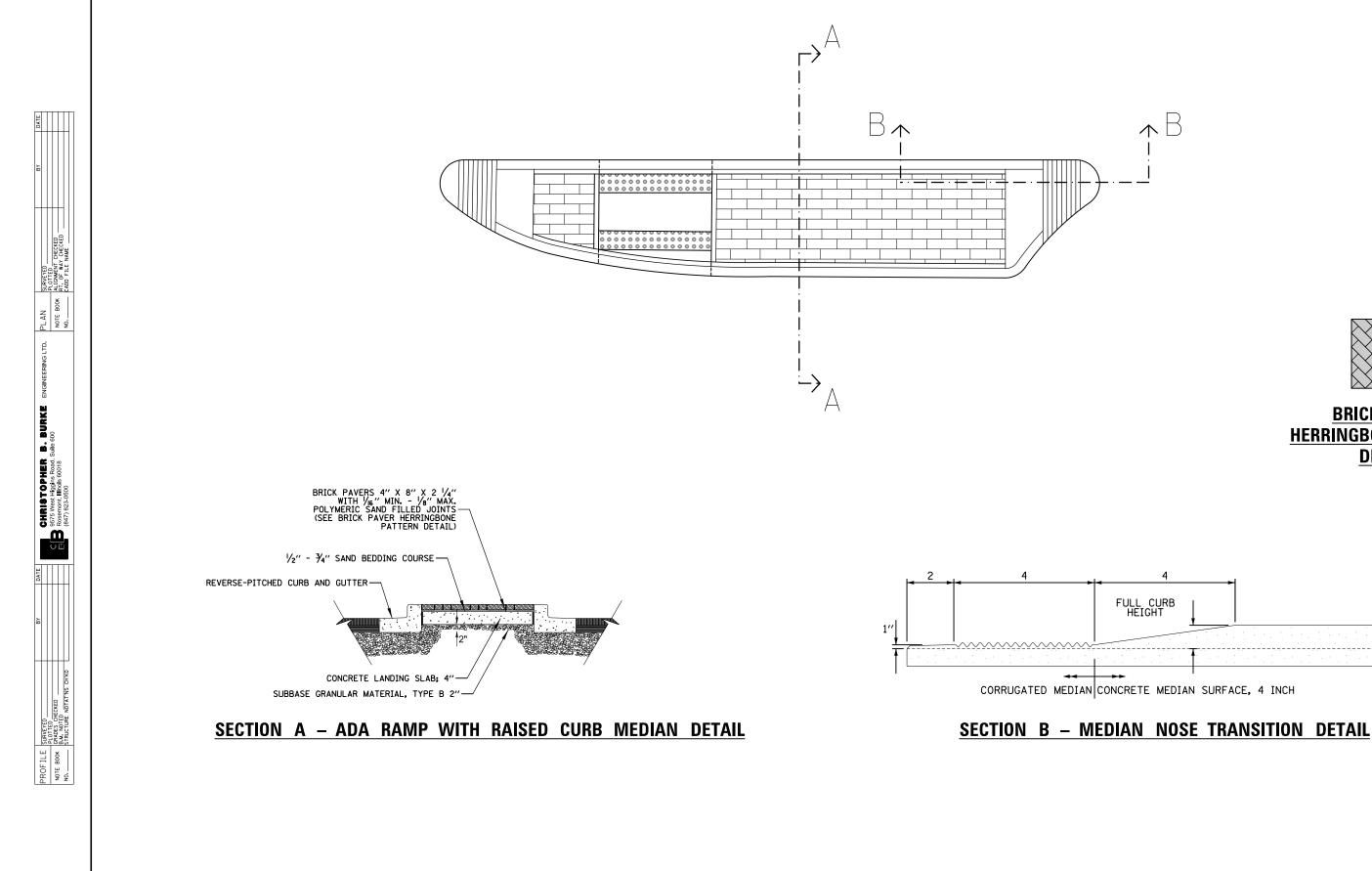
//2"

FRACTURED FIN FORMLINER DETAIL

(PAID FOR AS "FORM LINER TEXTURED SURFACE")

CONCRETE WASHOUT

FILE NAME =	USER NAME = bgunnells	DESIGNED - X	REVISED -		DETAIL SHEET	F.A.U. SECTION	COUNTY TOTAL SHEET
N:\ROSEMONT\20004\Civil\DET_01_20004.sht		DRAWN - X	REVISED -	STATE OF ILLINOIS	RIVER RD & BALMORAL AVE SIGNAL MODERNIZATION PROJECT	1034 & 19-00035-00-SP	COOK 101 28
	PLOT SCALE = 10'	CHECKED - X	REVISED -	DEPARTMENT OF TRANSPORTATION	INVENTIBLE A BALINDIAL AVE DIGINAL INDULTINIZATION THOSEOT	2.10	CONTRACT NO. 61L21
	PLOT DATE = 6/20/2025	DATE -	REVISED -		SCALE: NOT TO SCALE SHEET NO. 1 OF 2 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED	. AID PROJECT :



REVISED

REVISED

REVISED

REVISED

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DESIGNED - X

CHECKED - X

DRAWN

DATE

FILE NAME =

N:\ROSEMONT\20004\Civil\DET_02_20004

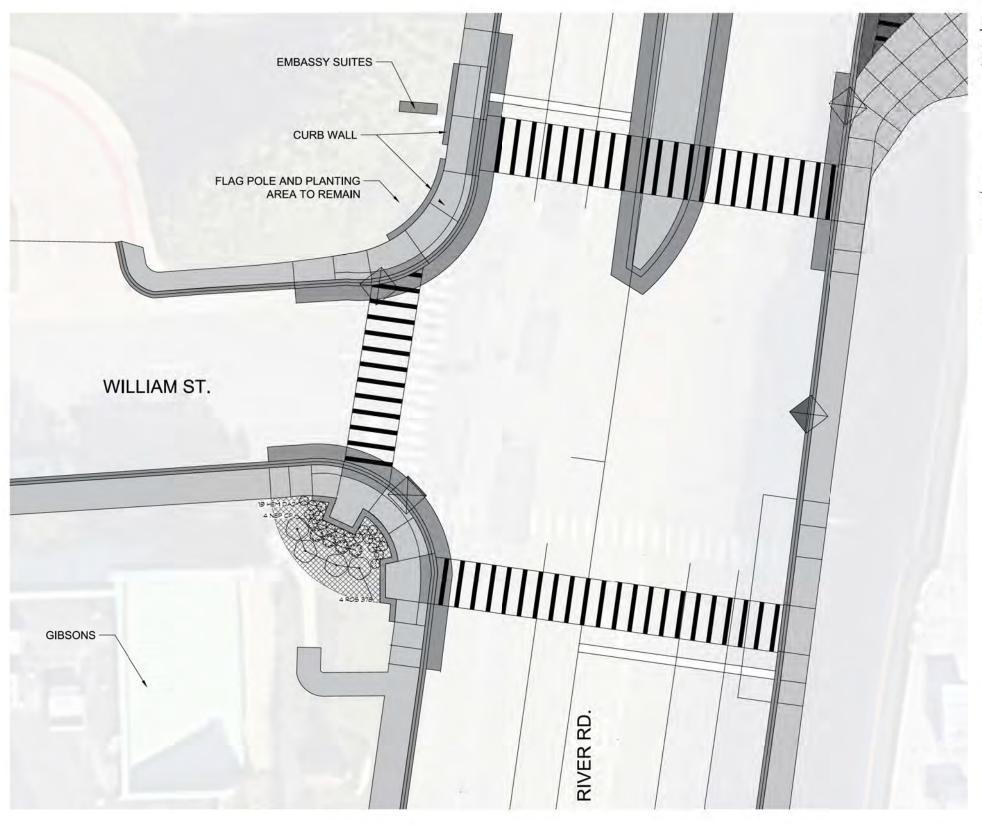
PLOT DATE = 6/20/2025



SCALE: NOT TO SCALE SHEET NO. 2 OF 2 SHEETS STA.

BRICK PAVER
HERRINGBONE PATTERN
DETAIL

CONTRACT NO. 61L21



PLANT SCHEDULE

CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	<u>QTY</u>	DETAIL	REMARKS
HEM DA2	Hemerocallis Illicasphodelus / Lemon Daylily	1 gal.	Container	19		
NEP CPJ	Nepeta x 'Cat's Pajamas' / Cat's Pajamas Catmint	1 gal.	Container	4		
ROS 378	Rosa x 'Radrazz' / Knock Out® Shrub Rose	3 gal.	Container	4		
	HEM DAZ	HEM DA2 Hemerocallis ililoasphodelus / Lemon Daylily NEP CPJ Nepeta x 'Cat's Pajamas' / Cat's Pajamas Catmint	HEM DA2 Hemerocallis Iiilioasphodelus / Lemon Daylily 1 gal. NEP CPJ Nepeta x 'Cat's Pajamas' / Cat's Pajamas Catmint 1 gal.	HEM DA2 Hemerocallis lilicasphodelus / Lemon Daylily 1 gal. Container NEP CPJ Nepeta x 'Cat's Pajamas' / Cat's Pajamas Catmint 1 gal. Container	HEM DA2 Hemerocallis ililoasphodelus / Lemon Daylily 1 gal. Container 19 NEP CPJ Nepeta x 'Cat's Pajamas' / Cat's Pajamas Catmint 1 gal. Container 4	HEM DA2 Hemerocallis lilioasphodelus / Lemon Daylily 1 gal. Container 19 NEP CPJ Nepeta x 'Cat's Pajamas' / Cat's Pajamas Catmint 1 gal. Container 4

LEGEND



Mulch and TopSoil







Catmint 'Cat's Pajamas'

se 'Red Knockouts'

mon Daylily



FILE NAME =	USER NAME = bgunnells	DESIGNED - BG	REVISED -		LANDSCAPE PLAN	F.A.U. SECTION	COUNTY TOTAL SHEET
N:\ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans\LANDSCAPE_WILLIAM-01.dgn	DRAWN - FPB	REVISED -	STATE OF ILLINOIS	DES PLAINES RIVER RD & WILLIAM ST	1034 & 19-00035-00-SP	COOK 101 30
	PLOT SCALE = 2'	CHECKED - EAJ	REVISED -	DEPARTMENT OF TRANSPORTATION	DES PLAIIVES RIVER RD & VVILLIAIVI SI		CONTRACT NO. 61L21
	PLOT DATE = 6/20/2025	DATE -	REVISED -		SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AI	

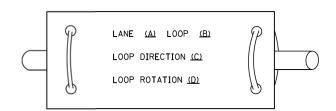
TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

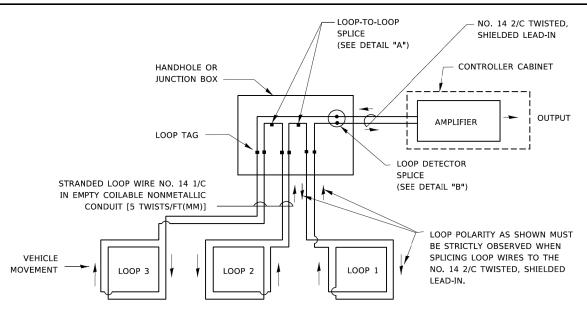
<u>ITEM</u>	<u>EXISTING</u>	PROPOSED	<u>ITEM</u>	<u>existing</u>	<u>PROPOSED</u>	ITEM	<u>existing</u>	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	R	R R Y
COMMUNICATION CABINET	ECC	СС	-ROUND HEAVY DUTY HANDHOLE					G G G ←Y ←Y ←G
MASTER CONTROLLER	EMC	MC	-SQUARE -ROUND	\mathbb{H}	⊞ ⊕			4 G 4 G P
MASTER MASTER CONTROLLER	EMMC	ммд	DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE		R R R
UNINTERRUPTABLE POWER SUPPLY	4	9	JUNCTION BOX		•	-(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		R Y Y G G G
SERVICE INSTALLATION -(P) POLE MOUNTED	P	- ■ -	RAILROAD CANTILEVER MAST ARM	$X \cap X \longrightarrow X$	X eX X			4Y
SERVICE INSTALLATION	6 64	6 64	RAILROAD FLASHING SIGNAL	X o X	X⊕X		P RB	P RB
-(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	$\boxtimes^{G}\boxtimes^{GM}$	⊠ ^G ⊠ ^{GM}	RAILROAD CROSSING GATE	202> > 2	X•X− ★	PEDESTRIAN SIGNAL HEAD		P
TELEPHONE CONNECTION	ET	T	RAILROAD CROSSBUCK RAILROAD CONTROLLER CABINET		> 4	AT RAILROAD INTERSECTIONS	<u>F</u>	*
STEEL MAST ARM ASSEMBLY AND POL	LE O	•	UNDERGROUND CONDUIT (UC),			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	© C () D	₽ C ★ D
ALUMINUM MAST ARM ASSEMBLY AND) POLE		GALVANIZED STEEL			ILLUMINATED SIGN		(9)
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIR	E 0-X	• ×	TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			"NO LEFT TURN"/"NO RIGHT TURN"		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORAR	Y	 ● BM 	SYSTEM ITEM	S	SP	NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE.		
WOOD POLE	\otimes	•	INTERSECTION ITEM	I	IP	ALL DETECTOR LOOP CABLE TO BE SHIELDED GROUND CABLE IN CONDUIT,	,	
GUY WIRE	>-	>-	REMOVE ITEM RELOCATE ITEM		RL	NO. 6 SOLID COPPER (GREEN)	1#6	
SIGNAL HEAD	->	-	ABANDON ITEM		А	ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	
SIGNAL HEAD WITH BACKPLATE	+	+►	CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF	COAXIAL CABLE	c	<u> </u>
SIGNAL HEAD OPTICALLY PROGRAMME		→ P + P	MAST ARM POLE AND		DME	VENDOR CABLE		
FLASHER INSTALLATION -(FS) SOLAR POWERED	od> F	•• FS	FOUNDATION TO BE REMOVED		RMF	COPPER INTERCONNECT CABLE,		
	⊕F ⊕FS	₽ → ^F ₽ → ^{FS}	SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF	NO. 18, 3 PAIR TWISTED, SHIELDED FIBER OPTIC CABLE		
PEDESTRIAN SIGNAL HEAD	-0	-1	DETECTOR LOOP, TYPE I			-NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F	—	
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH	BUTTON © APS		PREFORMED DETECTOR LOOP	PP	PP	-NO. 62.5/125, MM12F SM24F		
RADAR DETECTION SENSOR	R	R	SAMPLING (SYSTEM) DETECTOR	5 5	S S		—	—(36F)—
VIDEO DETECTION CAMERA	[V]1	v •	INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS (IS)	IS (IS)			
RADAR/VIDEO DETECTION ZONE			QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS QS	QS QS	GROUND ROD -(C) CONTROLLER -(M) MAST ARM		$\stackrel{:}{\stackrel{-}{\downarrow}}^{C} \stackrel{:}{\stackrel{-}{\downarrow}}^{M} \stackrel{:}{\stackrel{-}{\downarrow}}^{P} \stackrel{:}{\stackrel{-}{\downarrow}}^{S}$
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ]	PTZ	WIRELESS DETECTOR SENSOR	<u> </u>	®	-(P) POST -(S) SERVICE		
EMERGENCY VEHICLE LIGHT DETECTO	oR ≪	~	WIRELESS ACCESS POINT		-			
CONFIMATION BEACON	O()	•						
WIRELESS INTERCONNECT	○ + 	•+ 						
WIRELESS INTERCONNECT RADIO REP	EATER ERR	RR						
	ME = footemj DESIGN	NED - IP REVISED					F.A.	ON COUNTY TOTAL SHEF
	DRAWN	N - IP REVISED EED - LP REVISED	- S1	TATE OF ILLINOIS	STAN	DISTRICT ONE DARD TRAFFIC SIGNAL DESIGN DETAILS	F.A. SECTION 1034 & 19-00035-	00-SP COOK 101 31
		- 9/29/2016 REVISED		ENT OF TRANSPORTATION		EET 1 OF 7 SHEETS STA. TO STA.	TS-05	CONTRACT NO.61L21 LINOIS FED. AID PROJECT

- 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.
- 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 DIVEHOLES 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.
- 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

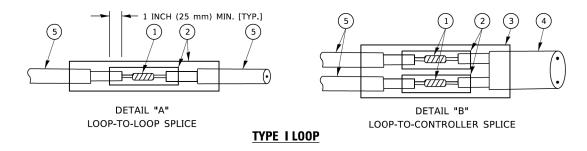


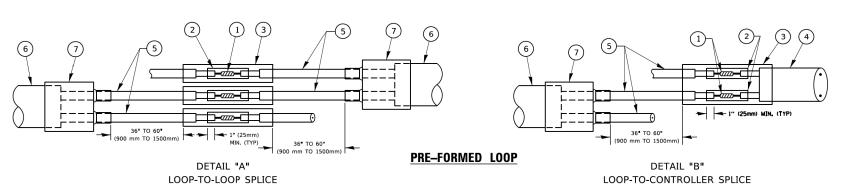
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.



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.





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 LENGHT 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.

- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP
- (6) XL POLYOLEFIN 2 CONDUCTOR
- (7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SHEET 2 OF 7 SHEETS STA. TO STA.

F.A. SECTION COUNTY TOTAL SHEE SHEETS NO.

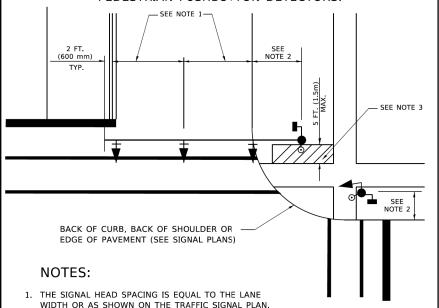
19-00035-00-SP COOK 101 32

TS-05 CONTRACT NO.61L21

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

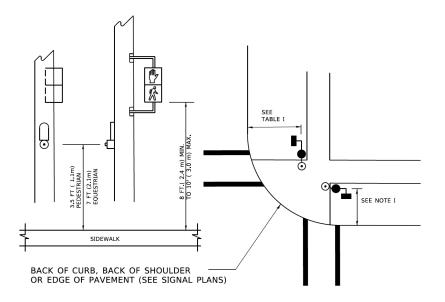
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND

PEDESTRIAN PUSHBUTTON DETECTORS.



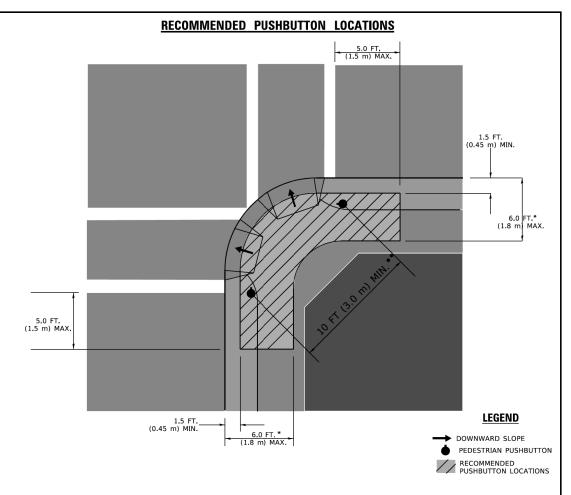
- 2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
- PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
- THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK 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.
- 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.
- 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."



- * 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:

- 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.
- 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:

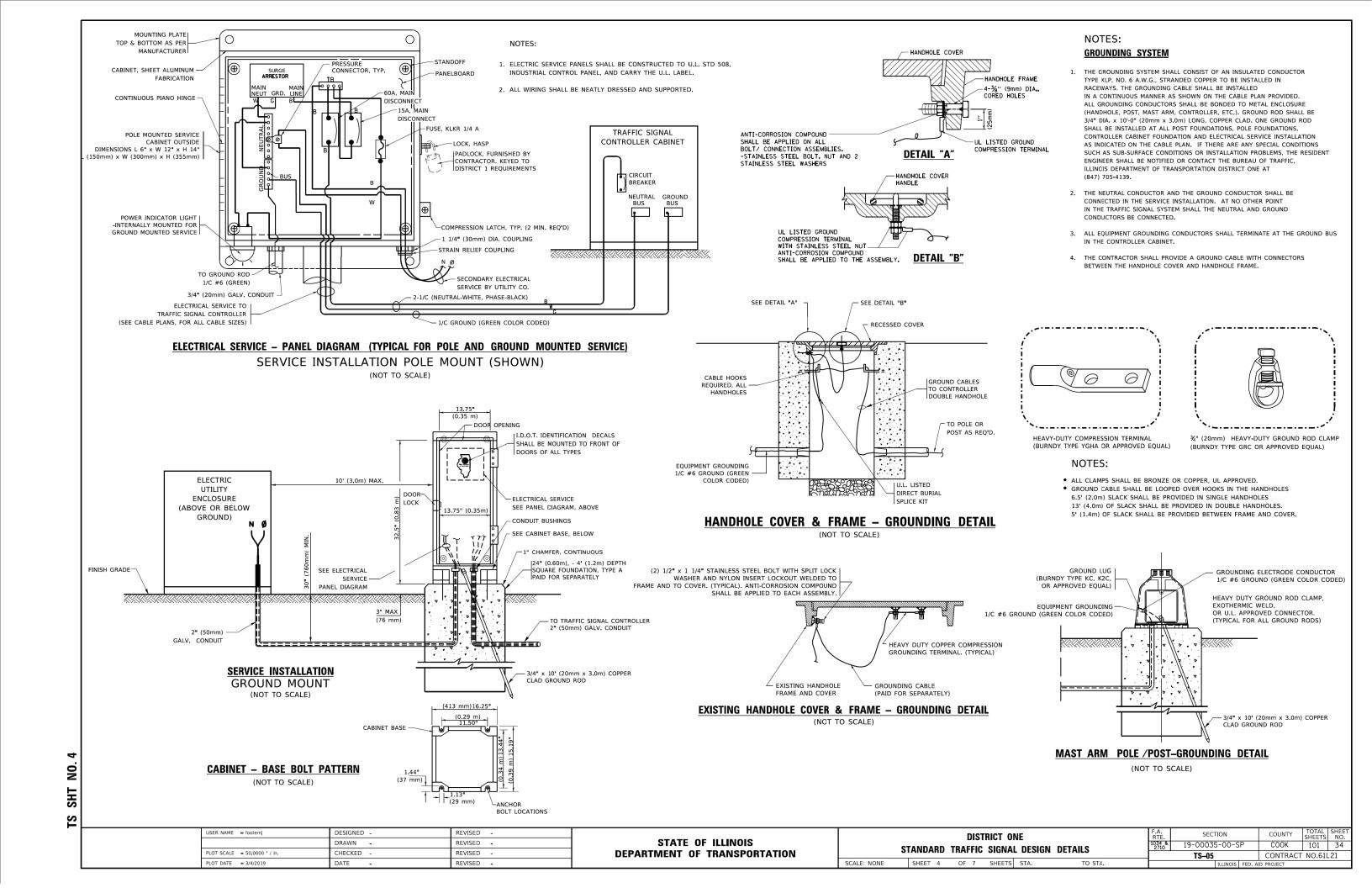
- 1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
- 2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
- 3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE 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.

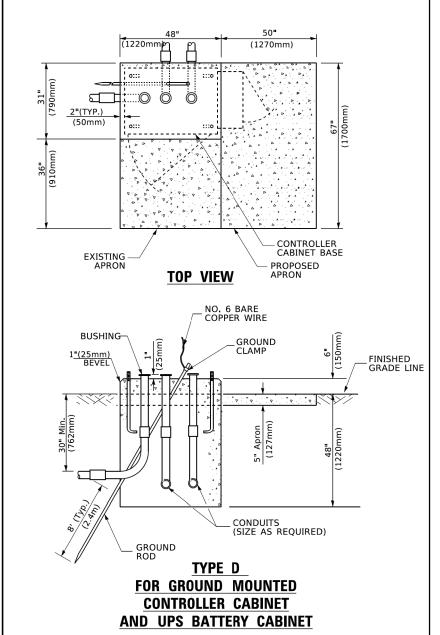
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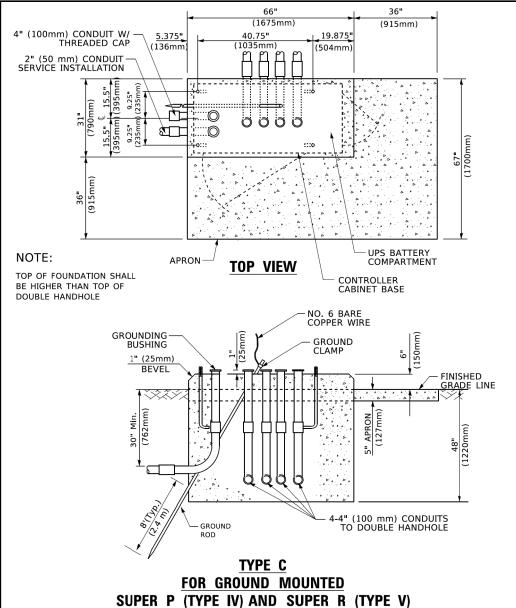
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

		DIST	RICT OF	NE		F.A. RTE.	SECT	ION		COUNTY	TOTAL SHEETS	
G.	TANDARD	TRAFFIC	GIGNIVI	DESIGN	DETAILS	1034 & 2710	19-00035	5-00-S	P	COOK	101	33
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	SHEET 3	OF 7	SHEETS	STA.	TO STA.			ILLINOIS	FFD. AI	D PROJECT		







CONTROLLER CABINETS

65" (SEE NOTE 4) (1651mm) 49" (SEE NOTE 3) (1245mm) SEE NOTE 5-2" x 6" (51mm x 152mm) WOOD FRAMING (TYP.) TRAFFIC SIGNAL — CONTROLLER CABINET CABINET ¾" (19mm) TREATED PHYWOOD DECK NOTES: TREATED WOOD POSTS 1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" \times 44" (660mm \times 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED

- 2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" \times 25" (406mm \times 635mm), ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
- $\ensuremath{\mathfrak{Z}_{\bullet}}$ 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	CARLE	LENGTH
VLITTICAL	GADLL	LLIVGIII

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)

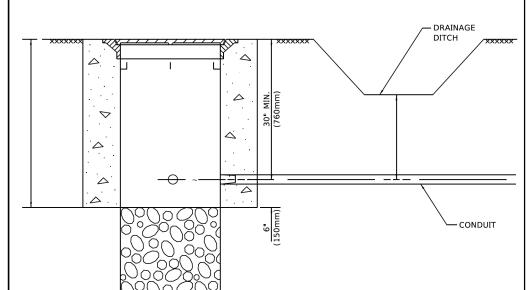
DEPTH OF FOUNDATION

① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
10'-0" (3 . 0 m)	30" (750mm)	24" (600mm)	8	6(19)
13'-6" (4₌1 m)	30" (750mm)	24" (600mm)	8	6(19)
11'-0" (3 ₄ m)	36" (900mm)	30" (750mm)	12	7(22)
13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
25'-0'' (7 . 6 m)	42" (1060mm)	36" (900mm)	16	8(25)
	Depth 10'-0" (3.0 m) 13'-6" (4.1 m) 11'-0" (3.4 m) 13'-0" (4.0 m) 15'-0" (4.6 m) 21'-0" (6.4 m)	Depth Diameter 10'-0" (3.0 m) 30" (750mm) 13'-6" (4.1 m) 30" (750mm) 11'-0" (3.4 m) 36" (900mm) 13'-0" (4.0 m) 36" (900mm) 15'-0" (4.6 m) 36" (900mm) 21'-0" (6.4 m) 42" (1060mm)	Depth Diameter Diameter 10'-0" (3.0 m) 30" (750mm) 24" (600mm) 13'-6" (4.1 m) 30" (750mm) 24" (600mm) 11'-0" (3.4 m) 36" (900mm) 30" (750mm) 13'-0" (4.0 m) 36" (900mm) 30" (750mm) 15'-0" (4.6 m) 36" (900mm) 30" (750mm) 21'-0" (6.4 m) 42" (1060mm) 36" (900mm)	Depth Diameter Diameter Rebars 10'-0" (3.0 m) 30" (750mm) 24" (600mm) 8 13'-6" (4.1 m) 30" (750mm) 24" (600mm) 8 11'-0" (3.4 m) 36" (900mm) 30" (750mm) 12 13'-0" (4.0 m) 36" (900mm) 30" (750mm) 12 15'-0" (4.6 m) 36" (900mm) 30" (750mm) 12 21'-0" (6.4 m) 42" (1060mm) 36" (900mm) 16

- 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 (Ou) > 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 most arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

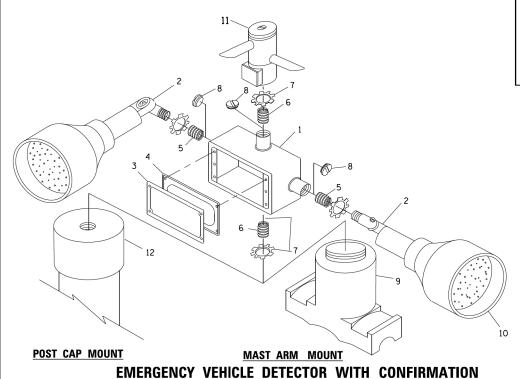
USER NAME = footemj	DESIGNED -	REVISED -			DISTRICT ONE		SECTION	COUNTY	TOTAL S	SHEET				
	DRAWN -	REVISED -	STATE OF ILLINOIS		OTANDADD				TAUO	1034 &	19-00035-00-SP	соок	101	35
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		STANDARD	IKAFFI	C SIGNAL	DESIGN DI	ETAILS		TS-05	CONTRACT	NO.61L	21
PLOT DATE = 3/4/2019	DATE -	REVISED -		SCALE: NONE	SHEET 5	OF 7	SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		



NOTES:

- CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
- 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)



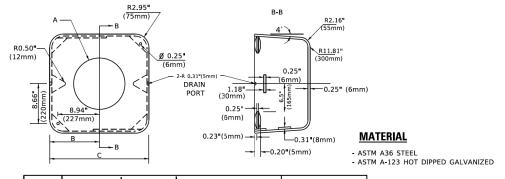
(1675mm) (915mm) 19.875" (1035mm) CONTROLLER CABINET BASE PROPOSED-**TOP VIEW** APRON -NO. 3 DOWEL 18" (450mm NO. 6 BARE COPPER WIRE LONG (8 REQ.) BUSHING-GROUND CLAMP EXISTING-ANCHOR BOLTS GRADE LINE BEVEL (225mm) -EXISTING CONDUITS EXISTING GROUND ROD MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" 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	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(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.

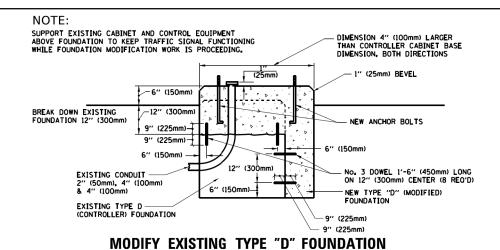


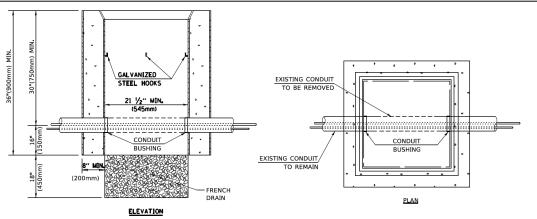
Α	В	С	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75 " (273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57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

SHROUD

NOTES:

- 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 VERIFIED 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.



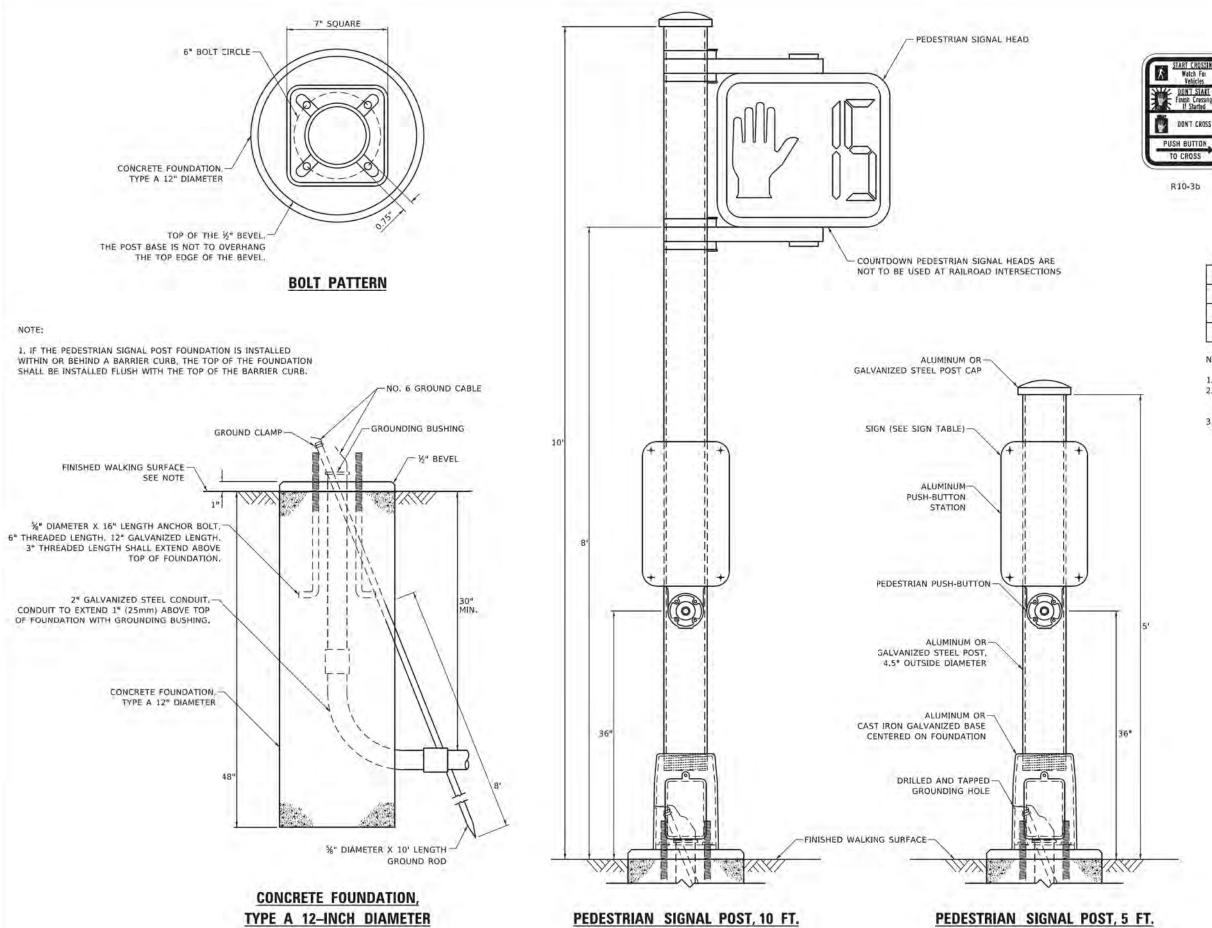


NOTES:

- 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

BEACON MOUNTING DETAIL USER NAME = footemj DESIGNED . REVISED -COUNTY DISTRICT ONE DRAWN REVISED STATE OF ILLINOIS 1034 & 19-00035-00-SP COOK STANDARD TRAFFIC SIGNAL DESIGN DETAILS REVISED **DEPARTMENT OF TRANSPORTATION** PLOT SCALE = 50.0000 ' / in. CHECKED CONTRACT NO.61L21 SHEET 6 OF 7 SHEETS STA.



SIGN TABLE

DON'T CROSS

TO CROSS

R10-3d

TIME REMAINING

DON'T CROSS

PUSH BUTTON, TO CROSS

R10-3e

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:

- 1. THE SIGN PANELS SHALL BE TYPE AP SHEETING. 2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
- 3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

USER NAME = plascencia	DESIGNED - IP	REVISED - 10/15/2020
	DRAWN - IP	REVISED -
PLOT SCALE = 100,0000 1 / In:	CHECKED - LP	REVISED -
PLOT DATE - 11/17/2020	DATE - 10/15/2018	REVISED -

SHT NO.

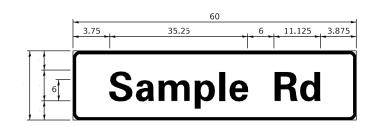
TS

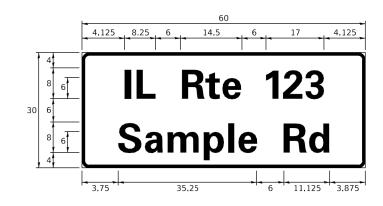
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

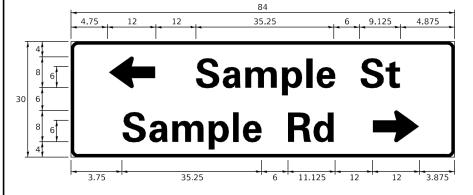
	DIS	TRICT OF	VE:		
STANDARD	TRAFFI	C SIGNAL	DESIGN	DETAILS	
SHEET NO.	7 OF 7	SHEETS	STA.	TO STA	

F.A. BTE.	SECTION	COUNTY	TOTAL	SHEET NO.
1034 & 2710	19-00035-00-SP	COOK	101	37
	TS-05	CONTRA	ACT NO.61	L21
	DILINOIS F	ED. AID PROJECT		

SIGN PANEL - TYPE 1 OR TYPE 2







DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D OR C	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH	(INCH)			
NAME	ADDREVALION	SERIES "C"	SERIES "D"			
AVENUE	Ave	15.000	18.250			
BOULEVARD	Blvd	17.125	20.000			
CIRCLE	Cir	11.125	13.000			
COURT	Ct	8. 250	9.625			
DRIVE	Dr	8.625	10.125			
HIGHWAY	Hwy	18.375	22.000			
ILLINOIS	ΙL	7. 000	8. 250			
LANE	Ln	9.125	10.750			
PARKWAY	Pkwy	23.375	27.375			
PLACE	PΙ	7.125	7. 750			
ROAD	Rd	9.625	11.125			
ROUTE	Rte	12.625	14.500			
STREET	St	8. 000	9.125			
TERRACE	Ter	12.625	14.625			
TRAIL	Tr	7. 750	9.125			
UNITED STATES	US	10.375	12.250			

GENERAL NOTES

- 1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- 2. ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ
- 3. THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS IF POSSIBLE, BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL, A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- 4. A PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE SERIES "D" LETTER ON A ONE-LINE SIGN 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8"-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A 8'-0" SIGN, A 30" HIGH TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION AS TO STREET, AVENUE, ETC. SHOULD BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- 5. LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENT AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- 6. SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS: PARTS LISTING:

- J.O. HERBERT COMPANY, INC SIGN CHANNEL PART #HPN053 (MED, CHANNEL) MIDLOTHIAN, VA SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3

SELF TAPPING WITH NEOPRENE WASHER - WESTERN REMAC, INC. BRACKETS PART #HPN034 (UNIVERSAL) WOODRIDGE, IL

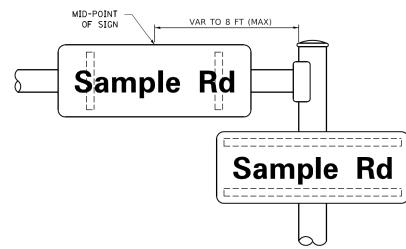
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

SCALE:

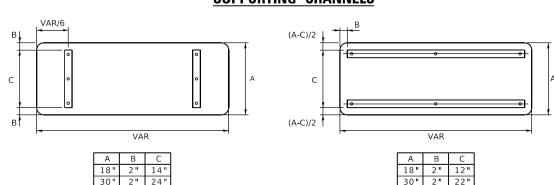
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

ARM OR POLE MOUNTED



SUPPORTING CHANNELS



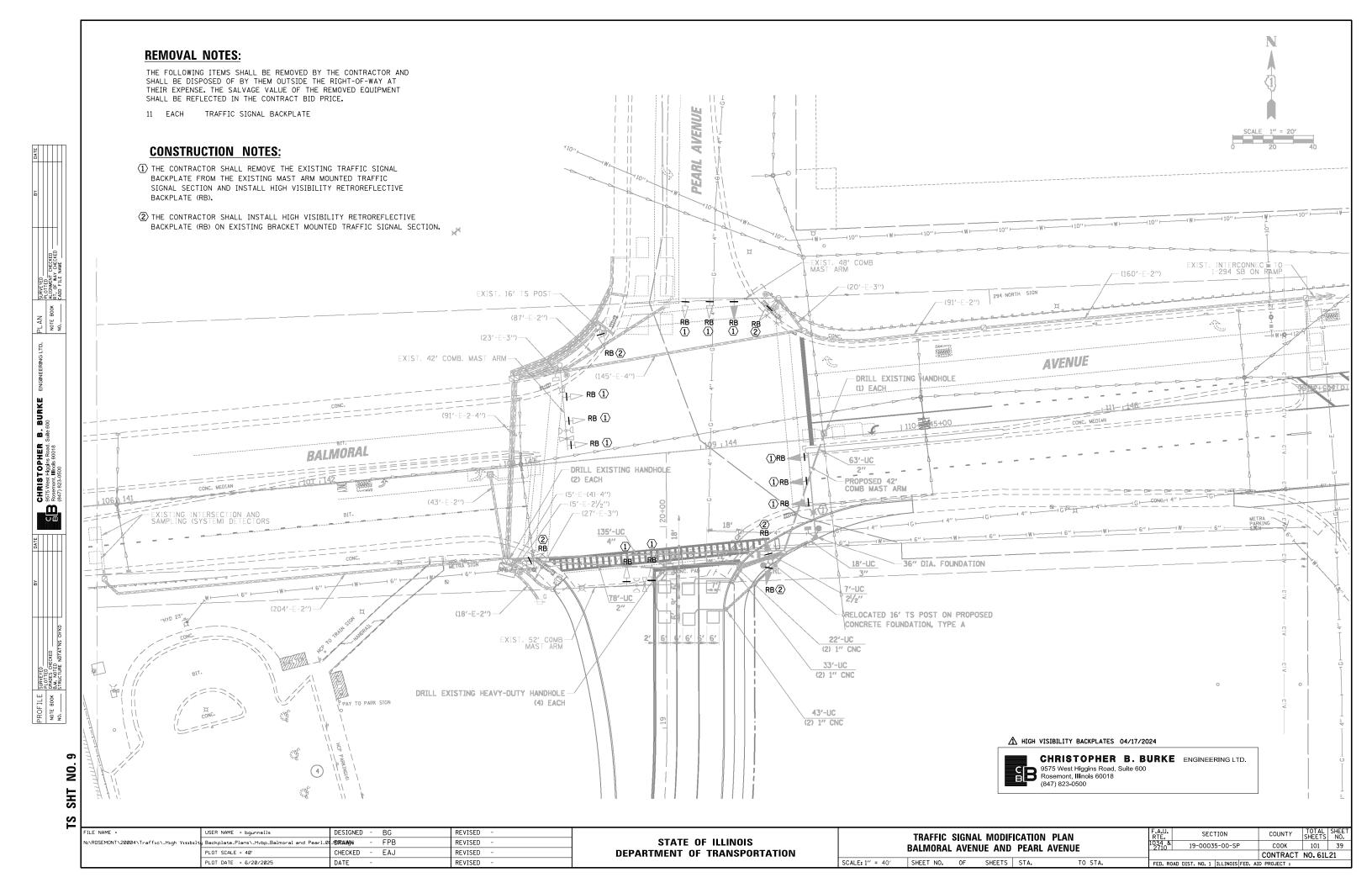
STANDARD ALPHABETS SPACING CHART

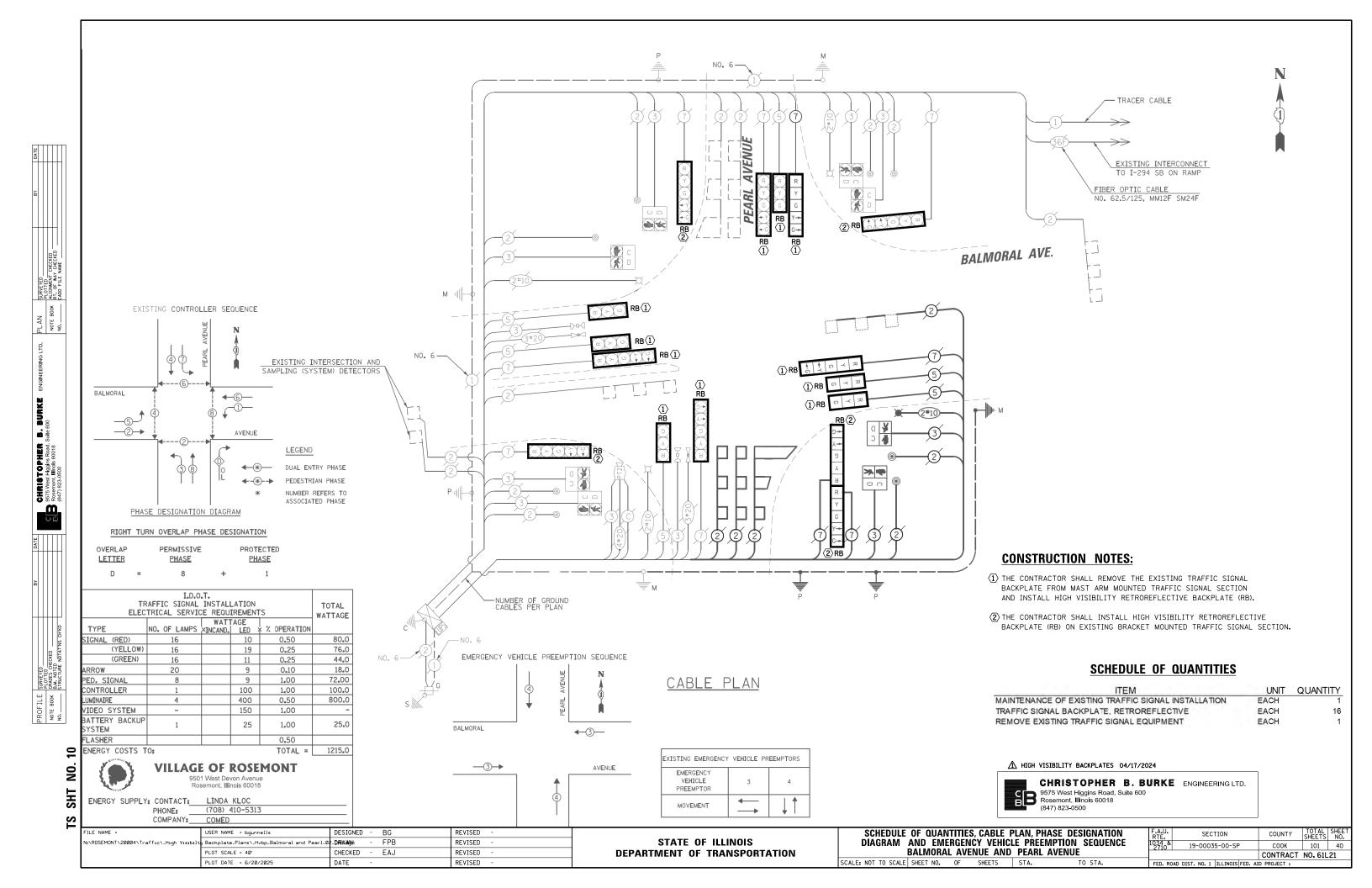
(8") UPPER CASE AND (6") LOWER CASE

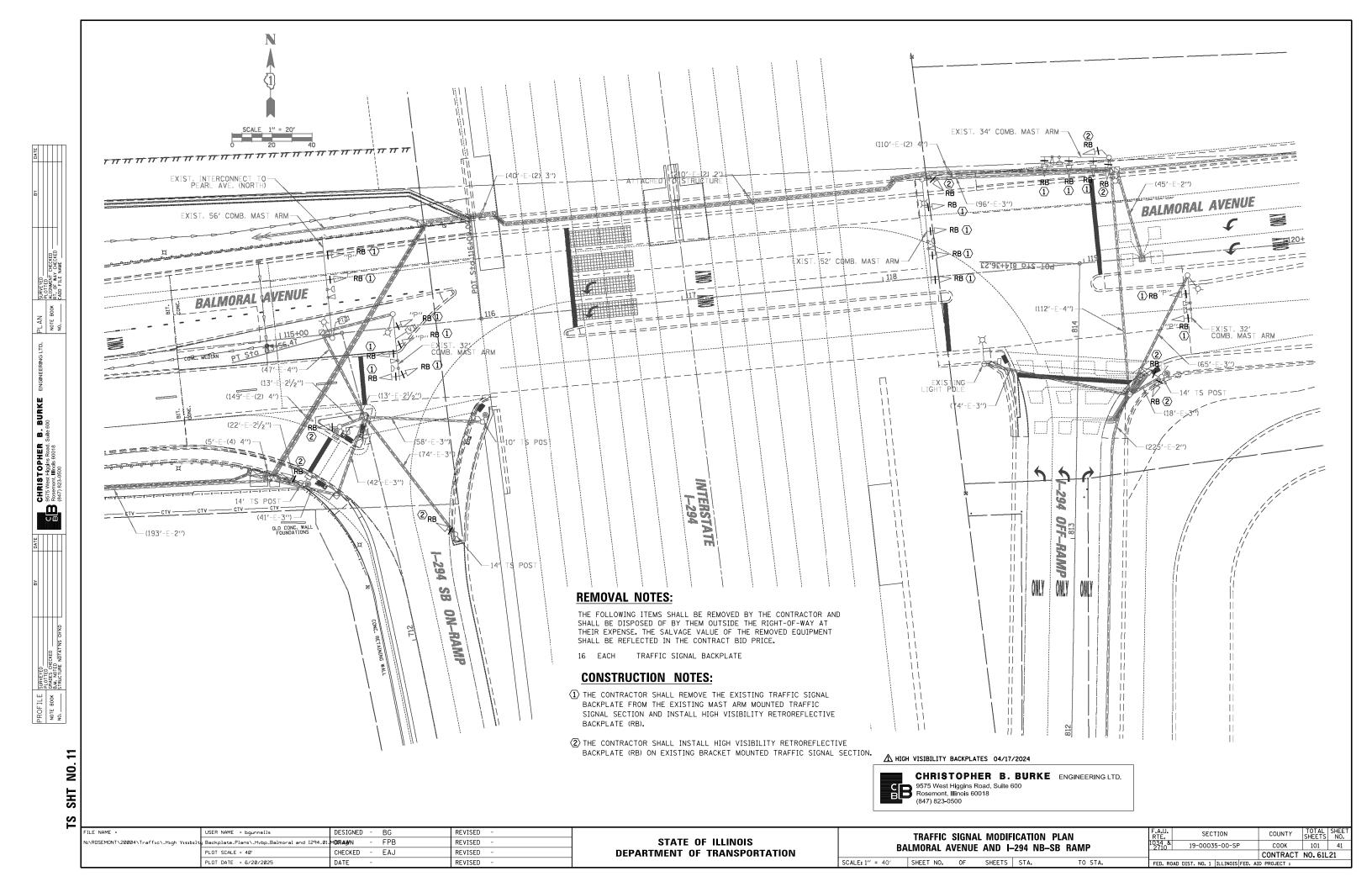
	FHWA SEF	RIES "C"			FHWA SEF	RIES "D"	
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
Α	0.240	5.122	0.240	Α	0.240	6.804	0.240
В	0.880	4.482	0.480	В	0.960	5.446	0.400
С	0.720	4.482	0.720	С	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	Е	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
Н	0.880	4.482	0.880	Н	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1. 280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
М	0.880	5.284	0.880	М	0.960	6. 244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
0	0.720	4.722	0.720	0	0.800	5.684	0.800
Р	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5. 684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	Т	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
٧	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7. 124	0.240
Χ	0.240	4.722	0.240	Х	0.400	5.446	0.400
Y	0.240	5. 122	0.240	Υ	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
С	0.480	4.002	0.240	С	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
е	0.480	4.082	0.320	е	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4. 322	0.160	k	0.800	5.122	0.160
l l	0.720	1.120	0.720	ı	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7. 926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
0	0.480	4. OB2	0.480	0	0.480	4.882	0.480
Р	0.720	4.082	0.480	р	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
S	0.320	3. 362	0.240	S	0.320	3. 762	0.240
+	0.080	2.882	0.080	t	0.080	3. 202	0.080
U	0.640	4.082	0.720	u	0.720	4.722	0.800
٧	0.160	4. 722	0.160	V	0.160	5. 684	0.160
W	0.160	7. 524	0.160	W	0.160	9.046	0.160
×	0.000	5. 202	0.000	Х	0.000	6. 244	0.000
У	0.160	4.962	0.160	У	0.160	6.004	0.160
Z	0.240	3. 362	0.240	Z 1	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4. 482	0.480	3	1.440	5.446	0.800
4	0.240	4. 962	0.720	4	0.160	6.004	0.960
5	0.480	4. 482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

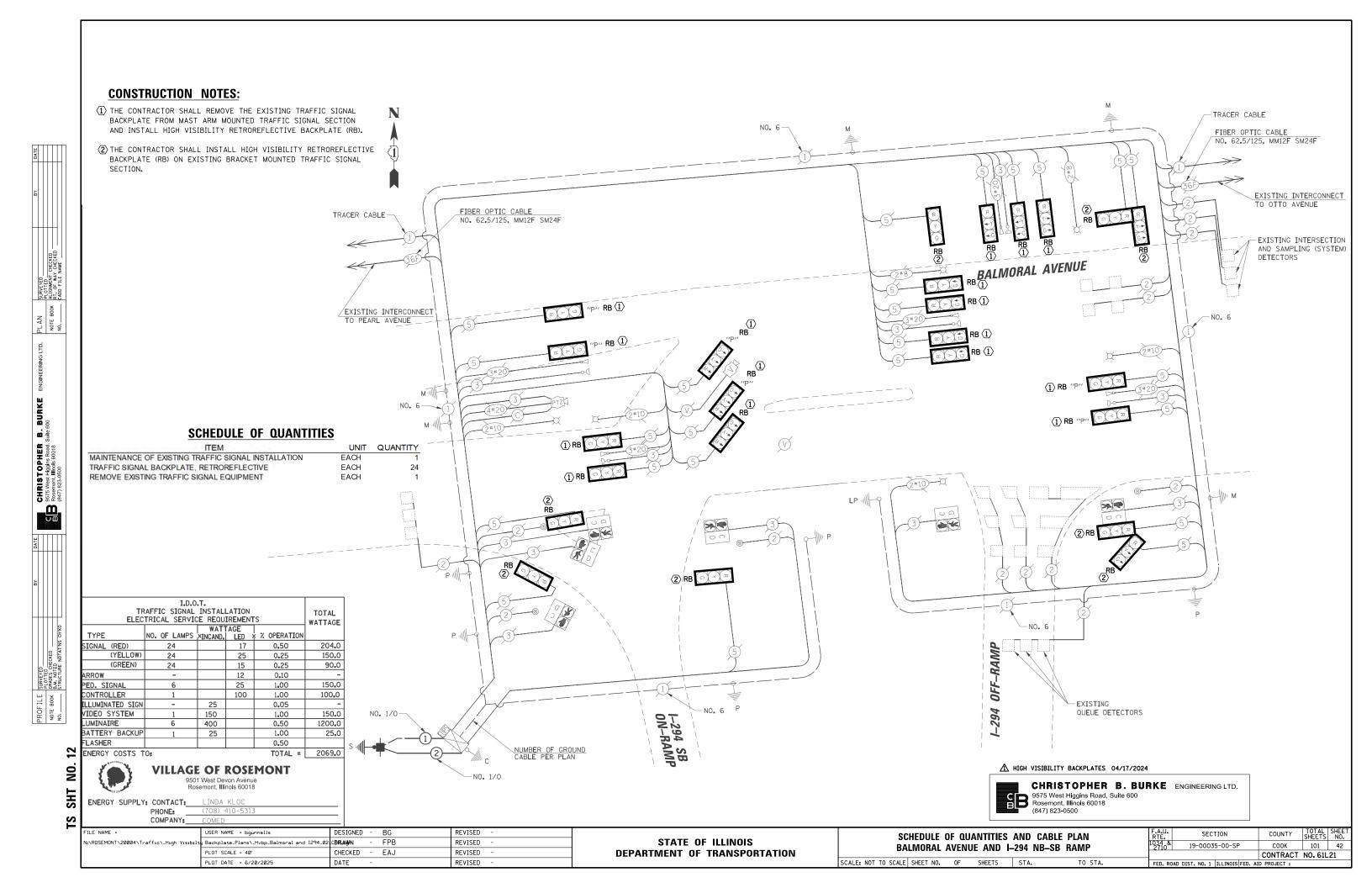
REVISED - LP 07/01/2015 USER NAME = footemj DESIGNED - LP/IP REVISED -PLOT SCALE = 50.0000 ' / in. CHECKED -REVISED PLOT DATE = 3/4/2019 10/01/2014 REVISED -

		DI	STRICT O	NE		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
,	IAST ARM	мош	NTFD STI	REET NA	AME SIGNS	1034 & 2710	19-00035-00-SP	COOK	101	38
•		IVIOU					TS-02	CONTRACT	NO.611	21
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		









	BAL	MORAL A	VE				В	ALMORAL	AVE				- 1			BALM	ORAL AV	E	
MOVEMENT N	7 [← Å	← c		2 → B → C 1-294 OFF OFF									1-294 ON RAMP 3 D					
PHASE		1						- 3	2				- 1			3			A
INTERVAL	1	2A	2B	3	4	5A	5B	5C	5D	6A	6B	6C	6D	7.	8A	8B	9A	9B	s
CHANGE TO	T/	2			1	1	à				· c	3			1		2		н
BALMORAL AVENUE AT I-294 SB ON-RAMP E/B ALL SIGNALS	R	R	R	G	G	Y	R	R	R	Y	R	R	R	R	R	R	R	R	R
BALMORAL AVENUE AT I-294 SB ON-RAMP W/B FAR RIGHT AND RIGHT CENTER MAST ARM SIGNALS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R
BALMORAL AVENUE AT I-294 SB ON-RAMP W/B FAR LEFT, END AND LEFT CENTER MAST ARM SIGNALS	← G	← Y	← R	← R	←R	← R	←R	♣R	← R	←R	← R	← R	← R	← G	← G	← G	← Y	← R	+
BALMORAL AVENUE AT I-294 NB OFF-RAMP E/B ALL SIGNALS	R	R	R	G	G	G	G	Y	R	G	G	Υ	R	R	R	R	R	R	R
BALMORAL AVENUE AT I-294 NB OFF-RAMP W/B ALL SIGNALS	G	G	G	G	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	R
BALMORAL AVENUE AT I-294 NB OFF-RAMP N/B NEAR RIGHT, FAR RIGHT AND RIGHT CENTER SIGNALS	G→	Y →	R	R	R	R	R	R	R	R	R	R	R	G→	G→	G→	Y →	R	R
BALMORAL AVENUE AT I-294 NB OFF-RAMP N/B FAR LEFT, LEFT CENTER AND CENTER SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	← G	← Y	R	← Y	R	R
PEDESTRIAN SIGNALS CROSSING I-294 ON RAMP ON SOUTH SIDE OF BALMORAL	н	н	H	* P	**FH	Н	н	н	H	Н	н	Н	н	н	Н	Н	н	Н	DA
PEDESTRIAN SIGNALS CROSSING I-294 OFF RAMP ON SOUTH SIDE OF BALMORAL	Н	Н	Н	* P	**FH	н	н	н	Н	Н	н	Н	Н	н	н	Н	н	Н	RK

⚠ HIGH VISIBILITY BACKPLATES 04/17/2024

CHRISTOPHER B. BURKE ENGINEERING LTD. 9575 West Higgins Road, Suite 600 Rosemont, Illinois 60018 (847) 823-0500

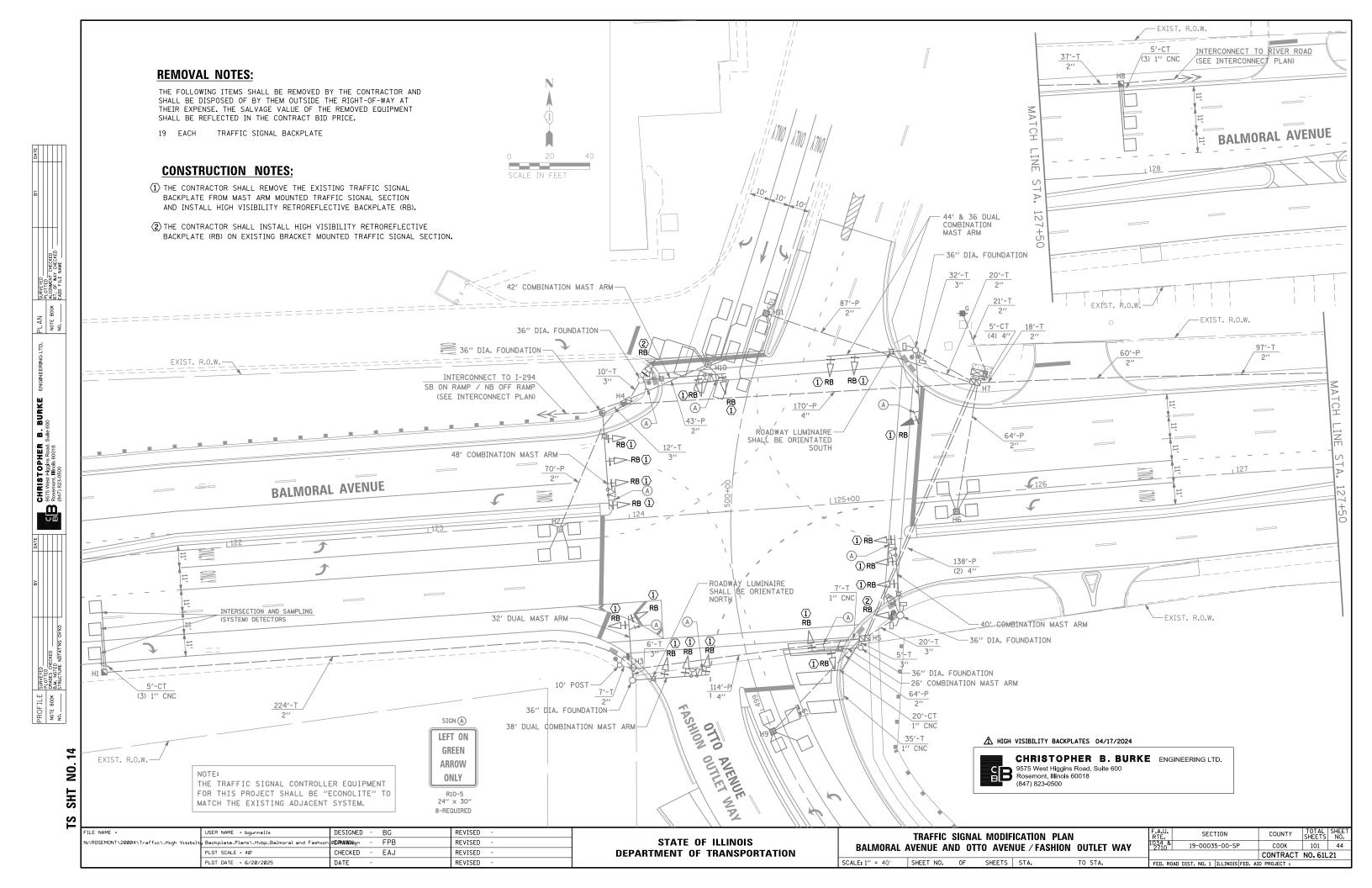
- * TO APPEAR ONLY UPON PUSHBUTTON ACTUATION
- ** FLASHING "F" IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE.
- P = ILLUMINATED PERSON = WALK
- FH = ILLUMINATED FLASHING HAND = FLASHING DON'T WALK
- H = ILLUMINATED SOLID HAND = DON'T WALK
- EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY VEHICLE INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2, 3 or 4 IS TERMINATED.

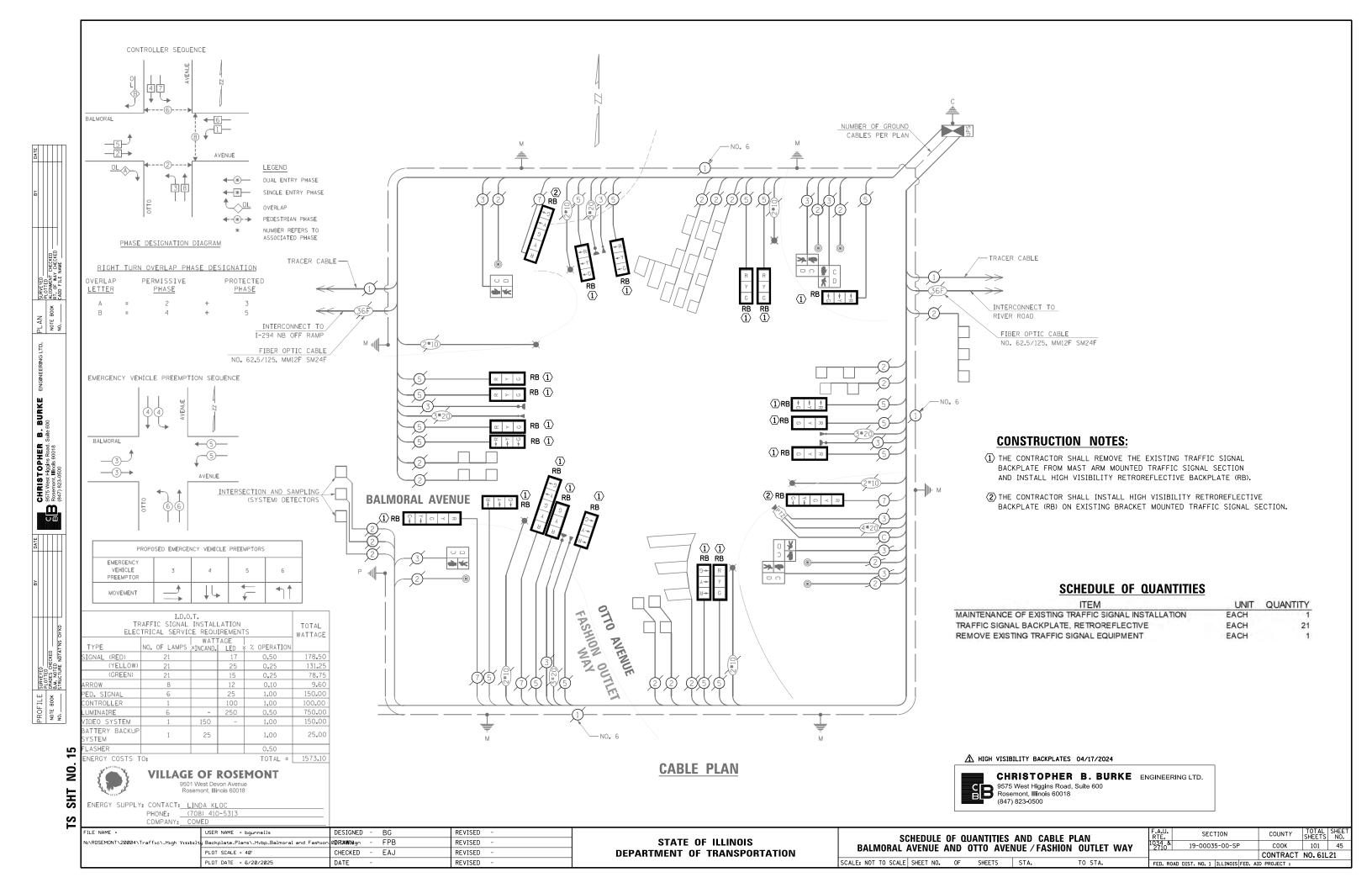
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

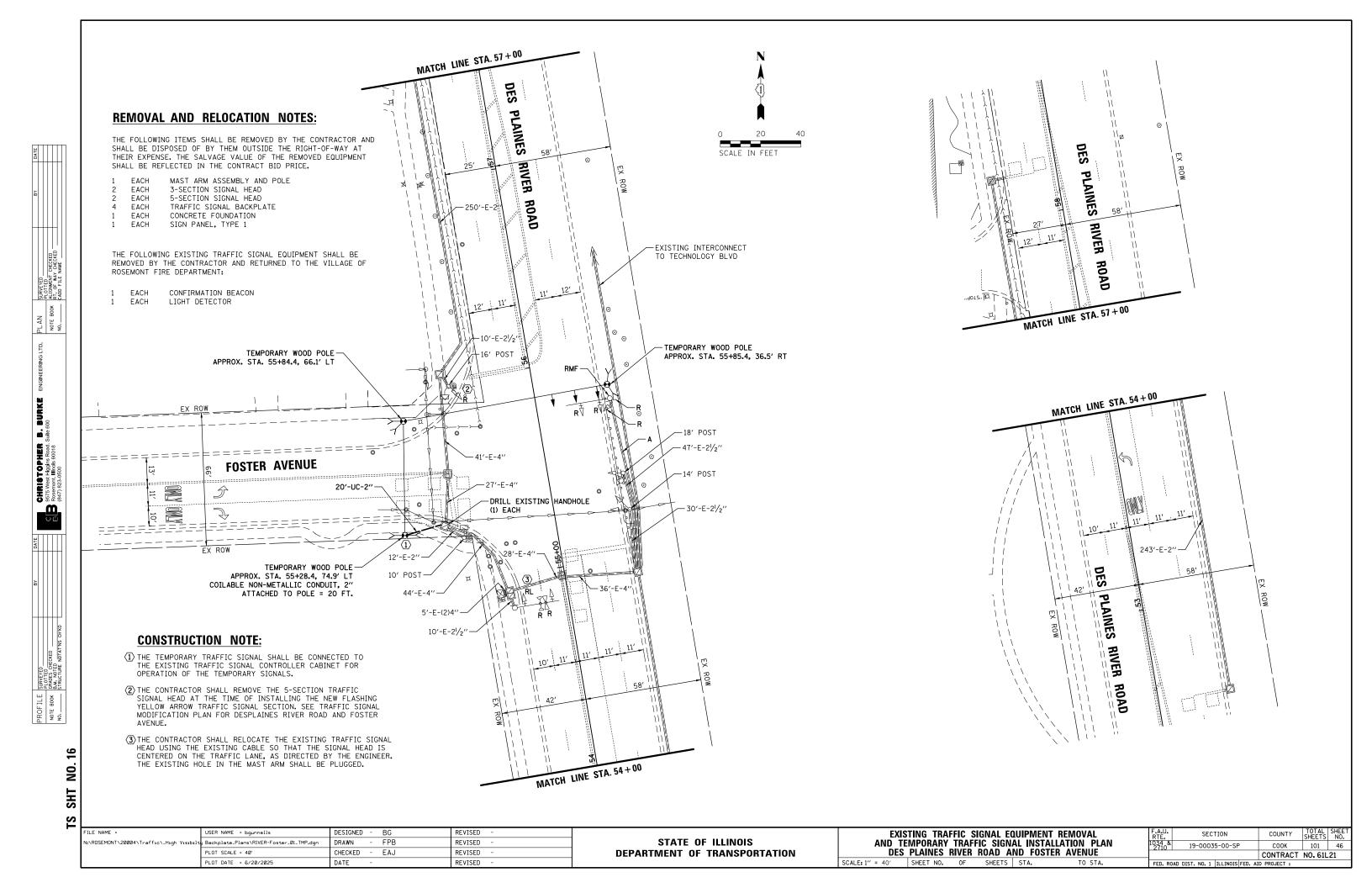
																							PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 5	
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER		1		1		1	3			3					3				7	j m	7	7				
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	1Q	1R	15	1T	10	1V	1W	1X	2	3	4	CLEAR TO
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	3	1F	4	2	1J	1K	1L	1M	3	1P	10	1R	15	4	10	2	1W	3	4				NORMAL SEQUENCE
BALMORAL AVENUE AT I-294 SB ON-RAMP E/B ALL SIGNALS	R	R	R	R	R	R	G	G	Y	R	R	R	G	Υ	R	R	R	R	R	R	R	R	G	R	R	\Q
BALMORAL AVENUE AT I-294 SB ON-RAMP W/B FAR RIGHT AND RIGHT CENTER MAST ARM SIGNALS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	\rightarrow
BALMORAL AVENUE AT I-294 SB ON-RAMP W/B FAR LEFT, END AND LEFT CENTER MAST ARM SIGNALS	← Y	← R	← G	← G	← G	← G	← R	←R	← R	← R	← R	← R	←R	← R	←R	← R	←R	← Y	←R	40	← G	← G	← R	← G	← G	\Q
BALMORAL AVENUE AT I-294 NB OFF-RAMP E/B ALL SIGNALS	R	R	R	R	R	R	G	G	G	G	Y	R	G	G	G	Y	R	R	R	R	R	R	G	R	R	\Q
BALMORAL AVENUE AT I-294 NB OFF-RAMP W/B ALL SIGNALS	G	G	G	G	Y	R	G	G	G	G	G	G	G	G	G	Y	R	R	R	R	R	R	G	G	R	\Q
BALMORAL AVENUE AT I-294 NB OFF-RAMP N/B NEAR RIGHT, FAR RIGHT AND RIGHT CENTER SIGNALS	Y ->	R	Y -	R	G→	G→	R	R	R	R	R	R	R	R	R	R	R	Y -	R	Y -	R	G→	R	R	G→	◊
BALMORAL AVENUE AT I-294 NB OFF-RAMP N/B FAR LEFT, LEFT CENTER AND CENTER SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	← Y	R	← Y	R	← G	R	R	← G	0
PEDESTRIAN SIGNALS CROSSING I-294 ON RAMP ON SOUTH SIDE OF BALMORAL	н	Н	н	н	н	н	FH	FH	Н	н	H	Н	FH	н	Н	н	H	н	Н	н	H	н	н	н	н	\Q
PEDESTRIAN SIGNALS CROSSING I-294 OFF RAMP ON SOUTH SIDE OF BALMORAL	н	н	н	н	н	Н	FH	FH	Н	н	н	Н	FH	н	н	н	Н	Н	н	н	Н	н	н	н	н	\Q

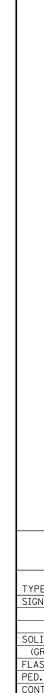
SEQUENCE OF OPERATION AND EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION BALMORAL AVENUE AND I-294 NB-SB RAMP DESIGNED - BG REVISED USER NAME = bgunnells SECTION COUNTY - FPB STATE OF ILLINOIS N:\ROSEMONT\20004\Traffic_High Visibilty Backplate_Plans_Hvbp_Balmoral and I294_03 S**DRAWN** REVISED 19-00035-00-SP COOK 101 43 CHECKED - EAJ REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 61L21 PLOT DATE = 6/20/2025 REVISED SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA. DATE

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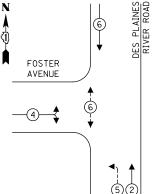








TEMPORARY CONTROLLER SEQUENCE



LEGEND:

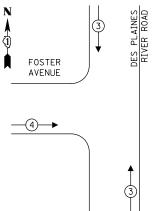
★PROTECTED PHASE

←--(*)--- PROTECTED/PERMITTED PHASE

←-(*)-→ PEDESTRIAN PHASE

OL OVERLAP

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EME	ERGENCY VEHICL	E PREEMPTORS
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	1	→

TRAFFIC SIGNAL **ELECTRICAL SERVICE REQUIREMENTS**

NO. OF	LED	%	TOTAL
LAMPS	WATTAGE	OPERATION	WATTAGE
9	11	50	99.0
9	20	5	9.0
9	12	45	48.6
-	10	50	-
6	10	10	6.0
-	10	5	-
2	20	100	40.0
1	100	100	100.0
1	25	100	25.0
-	150	100	-
-	25	5	-
-	-	50	-
-	120	50	-
-	165	50	-
-	60	100	-
	·	TOTAL =	327.6
	9 9 9 - 6	LAMPS WATTAGE 9 11 9 20 9 12 - 10 6 10 - 10 2 20 1 100 1 25 - 150 - 25 - - - 120 - 165	LAMPS WATTAGE OPERATION 9 11 50 9 20 5 9 12 45 - 10 50 6 10 10 - 10 5 2 20 100 1 100 100 - 150 100 - 25 5 - - 50 - 120 50 - 165 50 - 60 100

ENERGY COSTS TO:

VILLAGE OF ROSEMONT 9501 WEST DEVON AVENUE ROSEMONT, ILLINOIS 60018

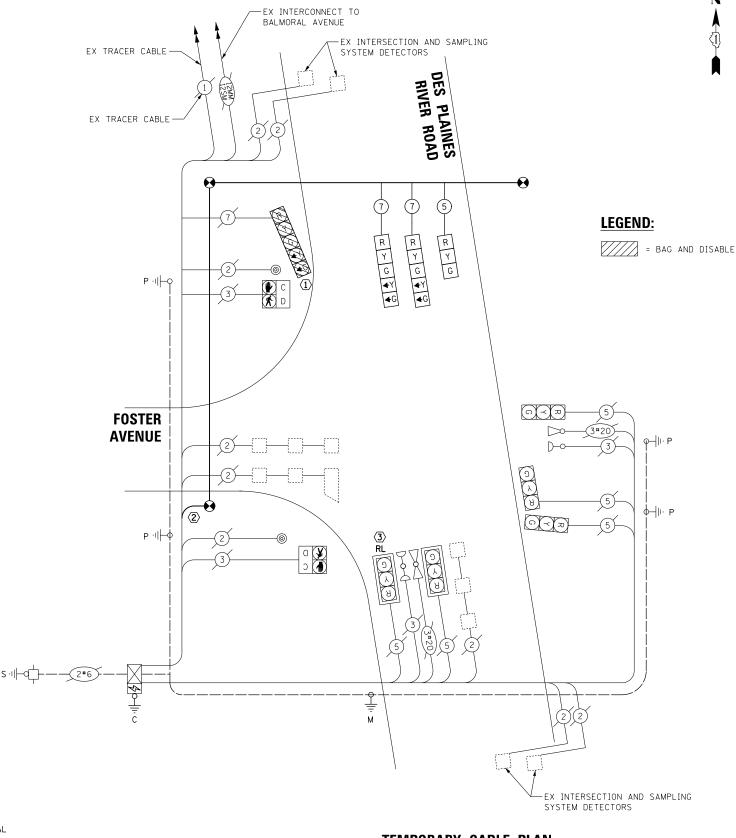
ENERGY SUPPLY: CONTACT: NEW BUSINESS PHONE: NEW PHONE

COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER: ---

CONSTRUCTION NOTES:

- 1 THE CONTRACTOR SHALL BAG AND DISABLE THE 5-SECTION TRAFFIC SIGNAL HEAD WHILE THE TEMPORARY TRAFFIC SIGNAL IS OPERATIONAL UNTIL THE SIGNAL HEAD IS REMOVED.
- 2 THE TEMPORARY TRAFFIC SIGNAL SHALL BE CONNECTED TO THE EXISTING TRAFFIC SIGNAL CONTROLLER CABINET FOR OPERATION OF THE TEMPORARY SIGNALS.
- $\langle \overline{3} \rangle$ THE CONTRACTOR SHALL RELOCATE THE EXISTING TRAFFIC SIGNAL HEAD USING THE EXISTING CABLE SO THAT THE SIGNAL HEAD IS CENTERED ON THE TRAFFIC LANE, AS DIRECTED BY THE ENGINEER. THE EXISTING HOLE IN THE MAST ARM SHALL BE PLUGGED.



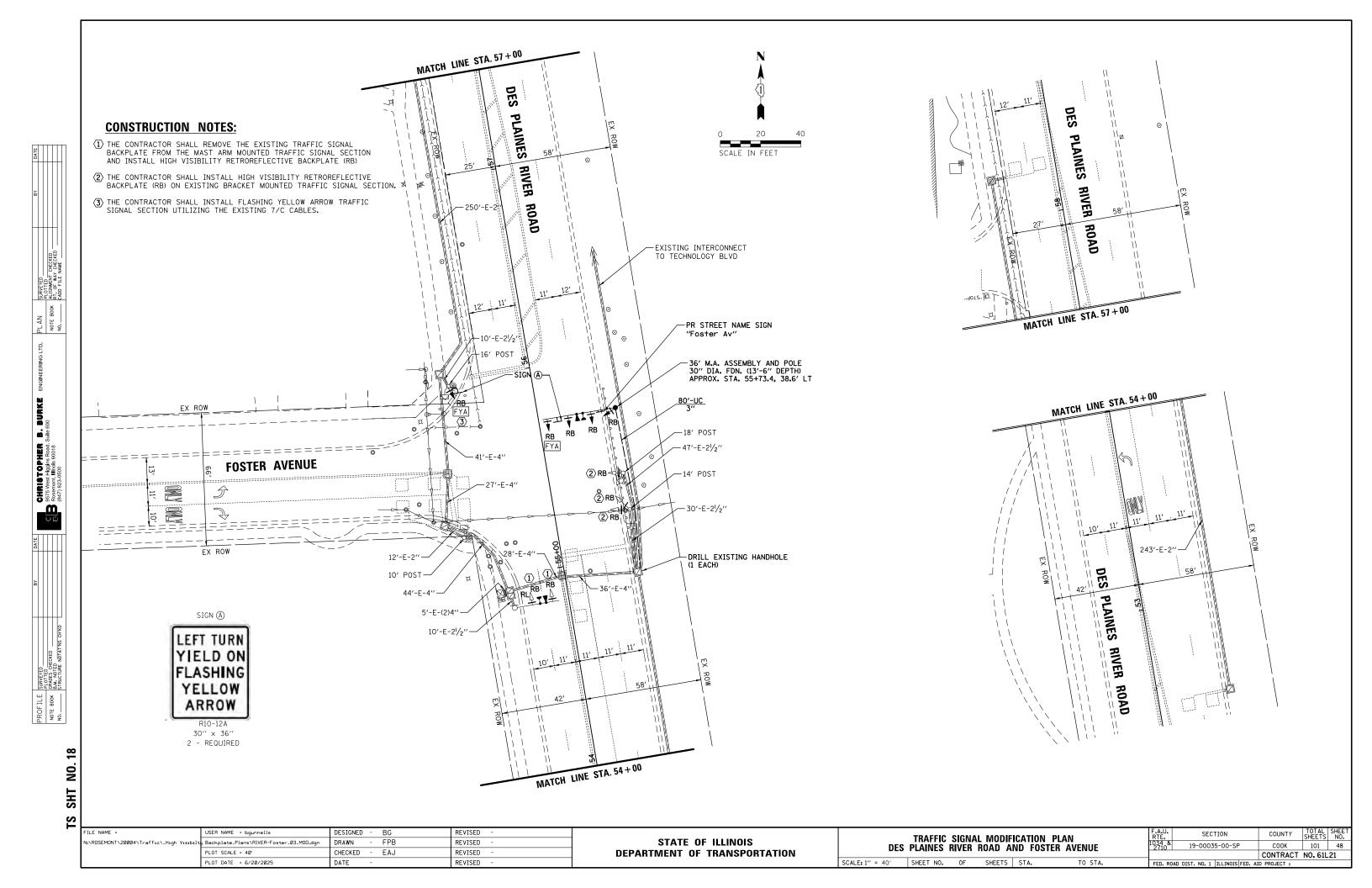
TEMPORARY CABLE PLAN

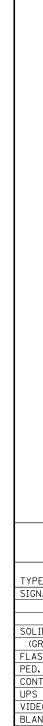
(NOT TO SCALE)

DESIGNED - BG REVISED USER NAME = bgunnells STATE OF ILLINOIS DRAWN - FPB l:\ROSEMONT\20004\Traffic_High Visibi Backplate_Plans\RIVER-Foster_02_TCB.dor REVISED PLOT SCALE = 40' CHECKED - EAJ REVISED **DEPARTMENT OF TRANSPORTATION** PLOT DATE = 6/20/2025 REVISED DATE

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE DES PLAINES RIVER ROAD AND FOSTER AVENUE SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA.

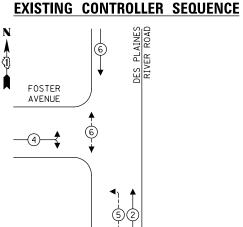
SECTION COUNTY 19-00035-00-SP COOK 101 47 CONTRACT NO. 61L21



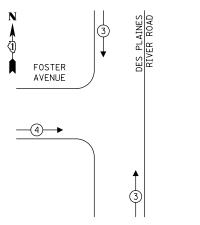








EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL **ELECTRICAL SERVICE REQUIREMENTS**

	NO. OF	LED	%	TOTAL
TYPE	LAMPS	WATTAGE	OPERATION	WATTAGE
SIGNAL (RED)	8	11	50	44.0
(YELLOW)	8	20	5	8.0
(GREEN)	8	12	45	43.2
SOLID ARROW (RED)	2	10	50	10.0
(GREEN &YELLOW)	4	10	10	4.0
FLASHING ARROW	2	10	5	1.0
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	165	50	-
PTZ	-	60	100	_
			TOTAL =	275.2

ENERGY COSTS TO:

VILLAGE OF ROSEMONT 9501 WEST DEVON AVENUE ROSEMONT, ILLINOIS 60018

l:\ROSEMONT\20004\Traffic_High Visibi

ENERGY SUPPLY: CONTACT: NEW BUSINESS PHONE: NEW PHONE

USER NAME = bgunnells

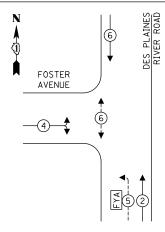
PLOT DATE = 6/20/2025

PLOT SCALE = 40'

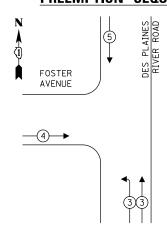
Backplate_Plans\RIVER-Foster_04_CAB.dom

COMPANY: COMMONWEALTH EDISON ACCOUNT NUMBER: ---

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



REVISED

REVISED

REVISED

REVISED -

DESIGNED - BG

DRAWN

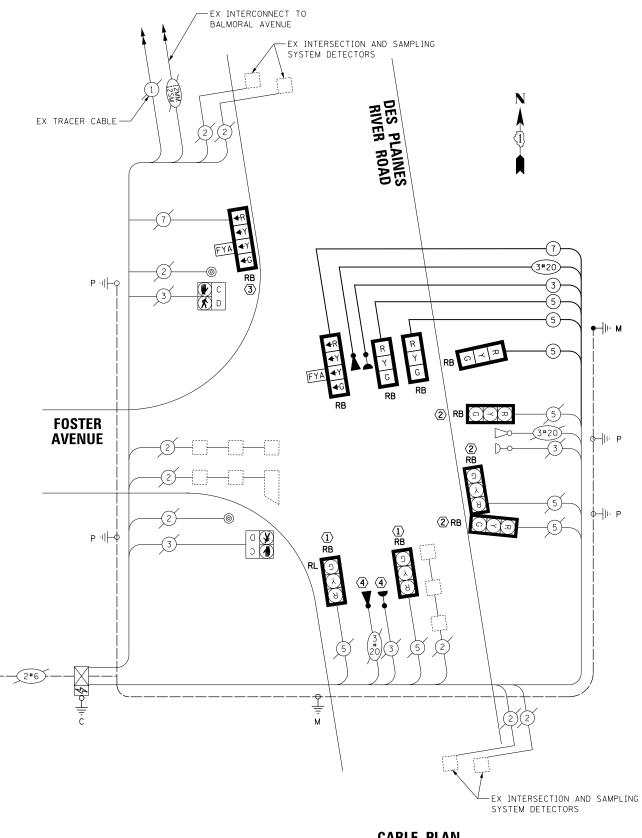
DATE

CHECKED

- FPB

- EAJ

- (1) THE CONTRACTOR SHALL REMOVE THE EXISTING TRAFFIC SIGNAL BACKPLATE FROM THE MAST ARM MOUNTED TRAFFIC SIGNAL SECTION AND INSTALL HIGH VISIBILITY RETROREFLECTIVE BACKPLATE (RB)
- (2) THE CONTRACTOR SHALL INSTALL HIGH VISIBILITY RETROREFLECTIVE BACKPLATE (RB) ON EXISTING BRACKET MOUNTED TRAFFIC SIGNAL SECTION.
- $\stackrel{\textstyle \frown}{3}$ The contractor shall install flashing yellow arrow traffic signal section utilizing the existing 7/C cables.



CABLE PLAN (NOT TO SCALE)

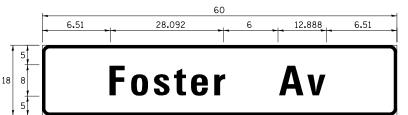
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
1

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE SECTION COUNTY соок 19-00035-00-SP 101 49 DES PLAINES RIVER ROAD AND FOSTER AVENUE CONTRACT NO. 61L21 SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA.

CONSTRUCTION NOTES:

- (4) THE CONTRACTOR SHALL INSTALL THE PROPOSED CONFIRMATION BEACON AND LIGHT DETECTOR UTILIZING THE EXISTING CABLES.

SIGN PANEL - TYPE 1



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	7.5	1	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE

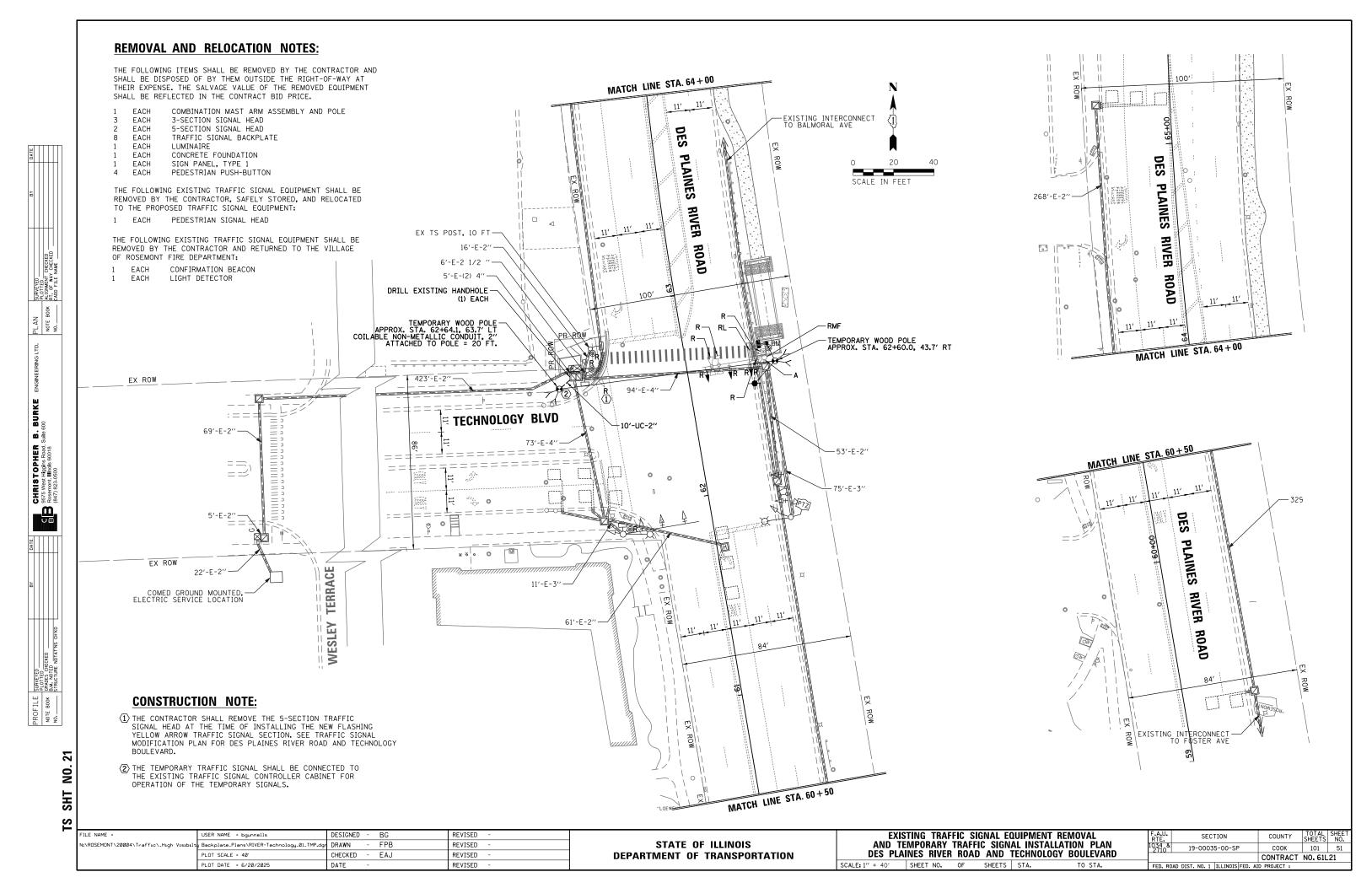
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	6.51	28.092	6	12.888	6.51			
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8 8		-NSTAI		$\Delta \mathbf{W}$				

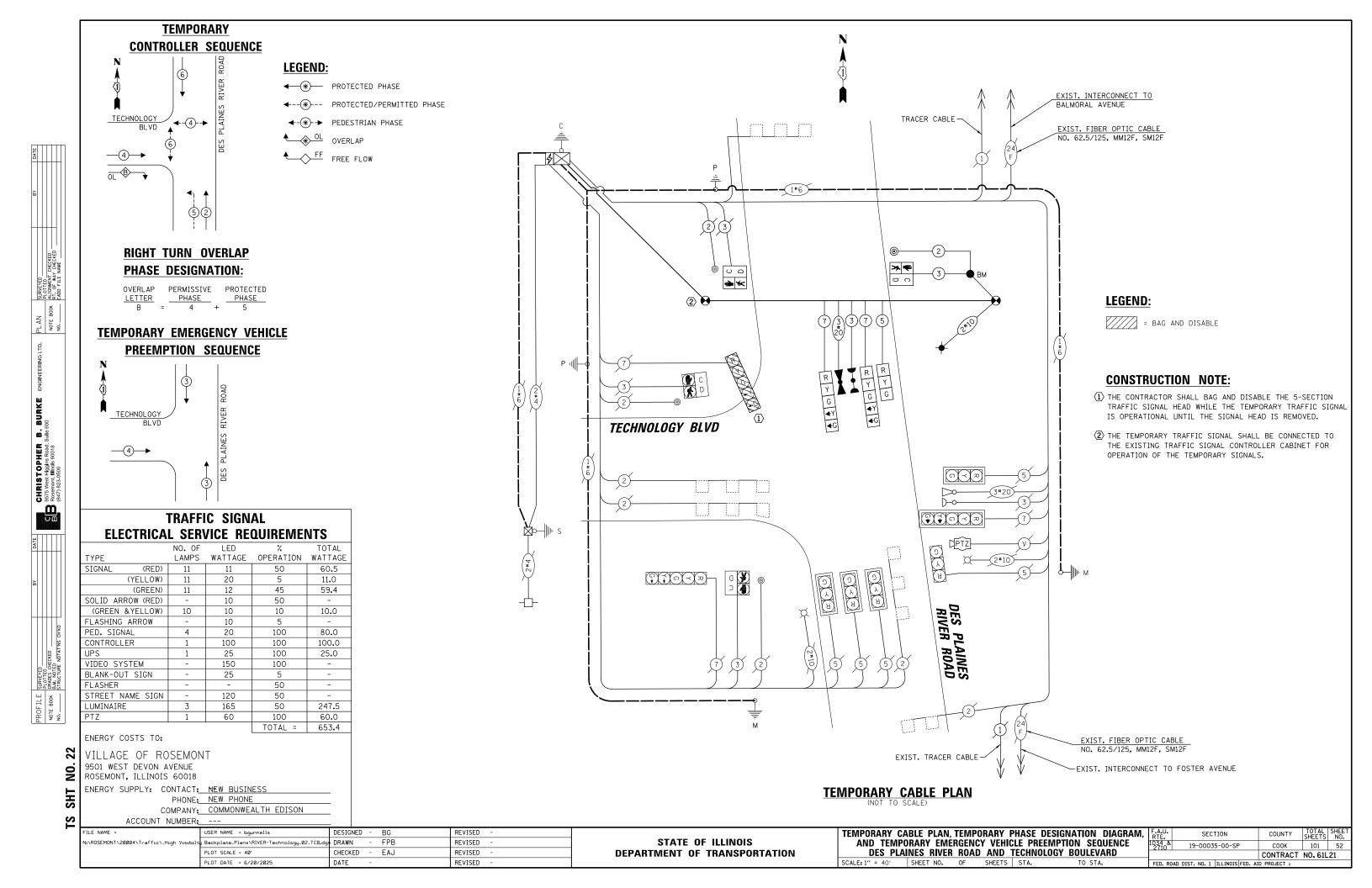
DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	7.5	1	ZZ	1

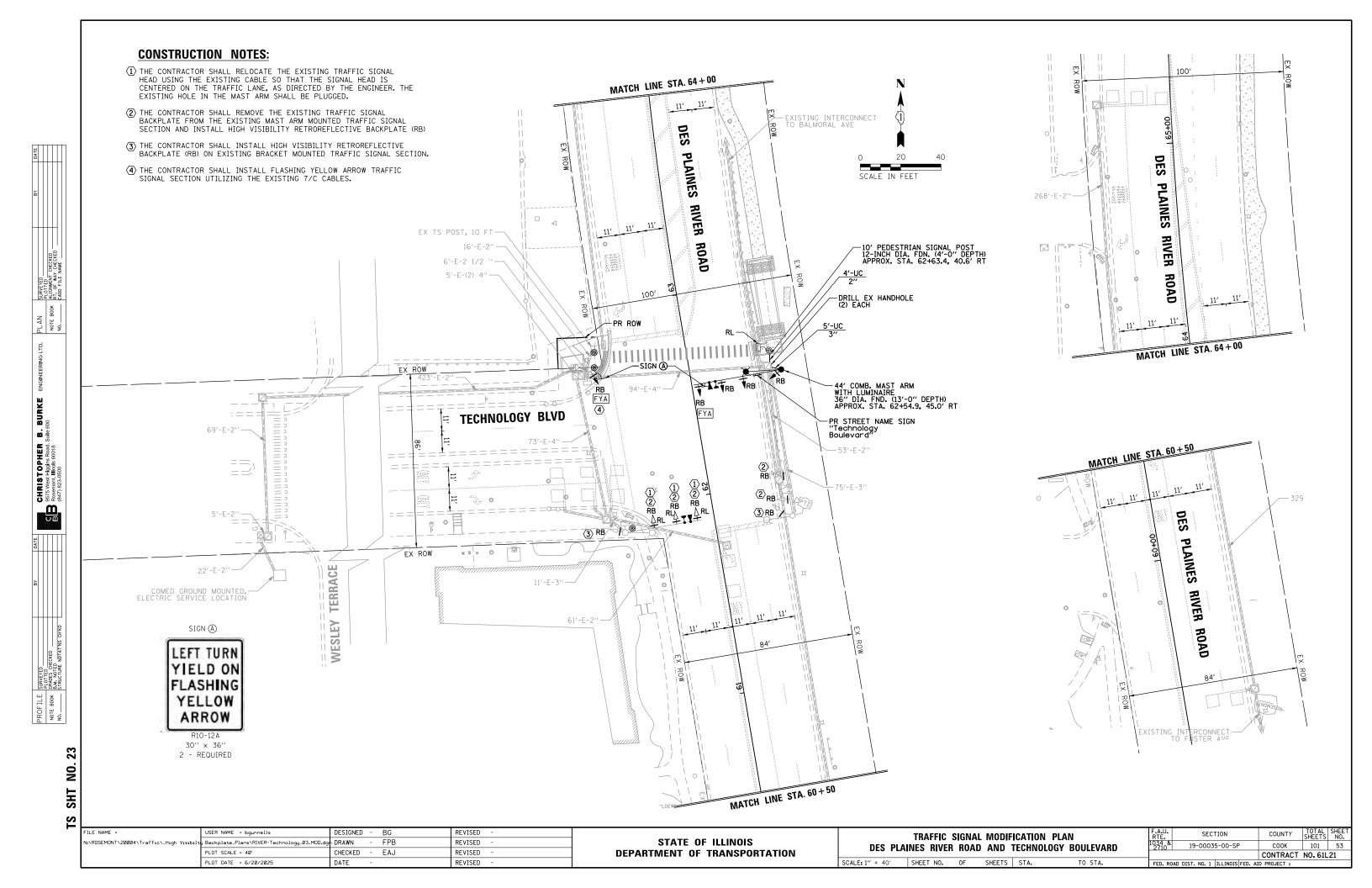
SCHEDULE OF QUANTITIES

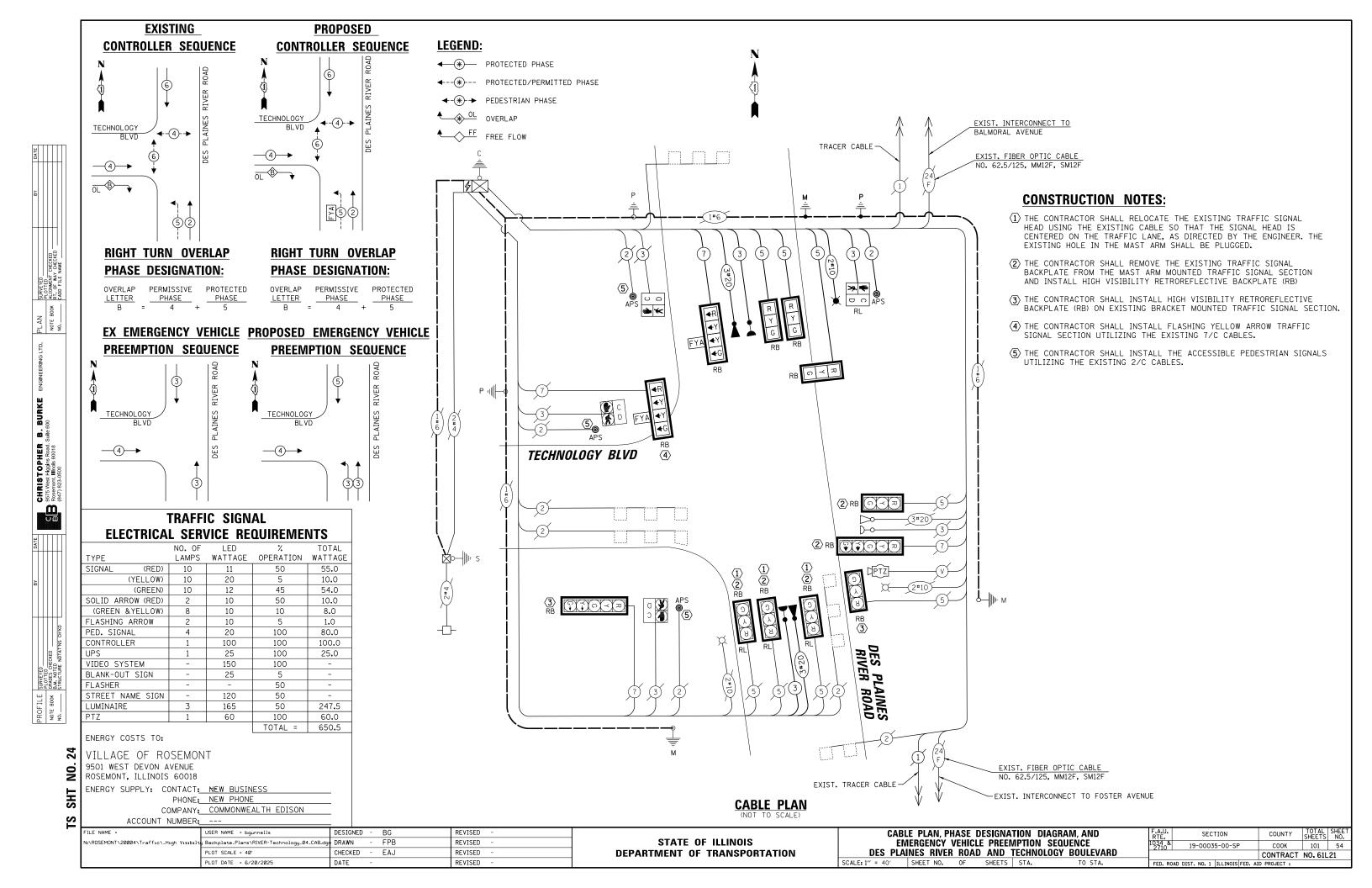
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	23
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	80
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	237
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	640
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	240
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	93
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1,
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	10
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	899
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	237
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

SCHEDOLE OF GOARVITTES AND				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MAST ARM MOUNTED STREET NAME SIGN DES PLAINES RIVER ROAD AND FOSTER AVENUE			1034 & 2710	19-00035-00-SP	соок	101	50		
		VEK KUAD AN	ID FOSTER				CONTRACT	NO. 61L	.21
SCALE: NOT TO SCALE	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROA	AD DIST. NO. 1 ILLINOIS FED. A	ID PROJECT :		



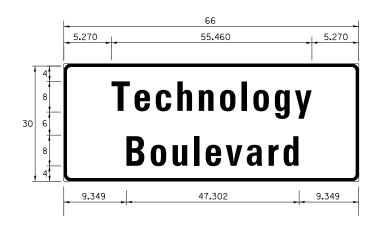






SIGN PANEL – TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	13.75	2	ZZ	1

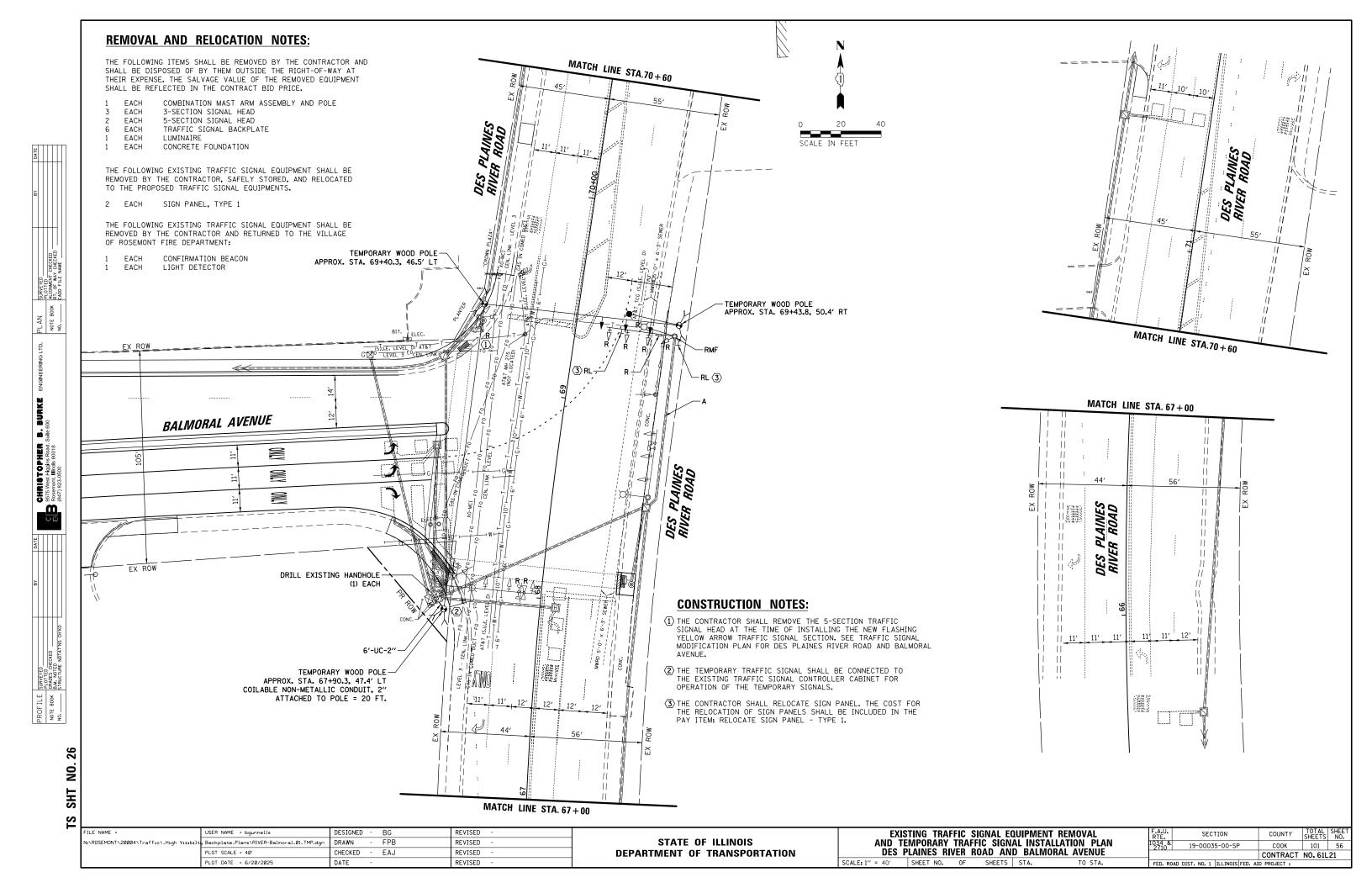
NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

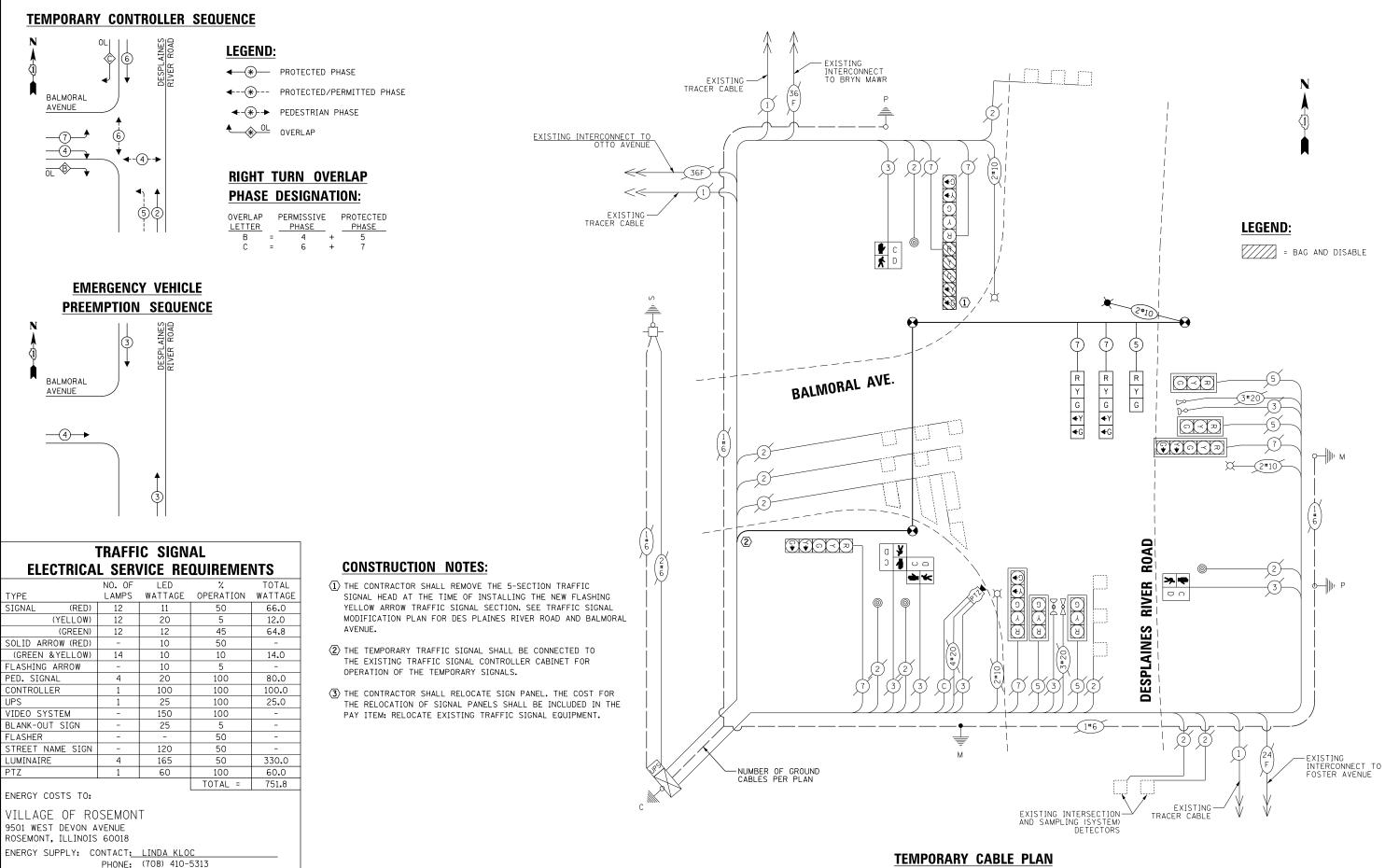
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQFT	15
SIGN PANEL - TYPE 2	SQFT	14
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	4
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	5
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	136
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	505
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	495
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	237
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO.	6 FOOT	35
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
DRILL EXISTING HANDHOLE	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	12
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	896
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/0	FOOT	363
LUMINAIRE, LED, SPECIAL	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

IS SHT NO. 25

FILE NAME =	USER NAME = bgunnells	DESIGNED	-	BG	REVISED	-	_
N:\ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans\RIVER-Technology_05_STN.dgr	DRAWN	-	FPB	REVISED	-	
	PLOT SCALE = 40'	CHECKED	-	EAJ	REVISED	-	
	PLOT DATE = 6/20/2025	DATE	-		REVISED	-	







STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

(NOT TO SCALE)

SCALE: 1" = 40' SHEET NO. OF SHEETS STA.

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

DES PLAINES RIVER ROAD AND BALMORAL AVENUE

SECTION

19-00035-00-SP

COUNTY

COOK

CONTRACT NO. 61L21

101 57

l:\ROSEMONT\20004\Traffic_High Visibi

COMPANY: COMMONWEALTH EDISON

PLOT SCALE = 40'

PLOT DATE = 6/20/2025

Backplate_Plans\RIVER-Balmoral_02_TCB.dom

DESIGNED - BG

DRAWN - FPB

- EAJ

CHECKED

DATE

REVISED

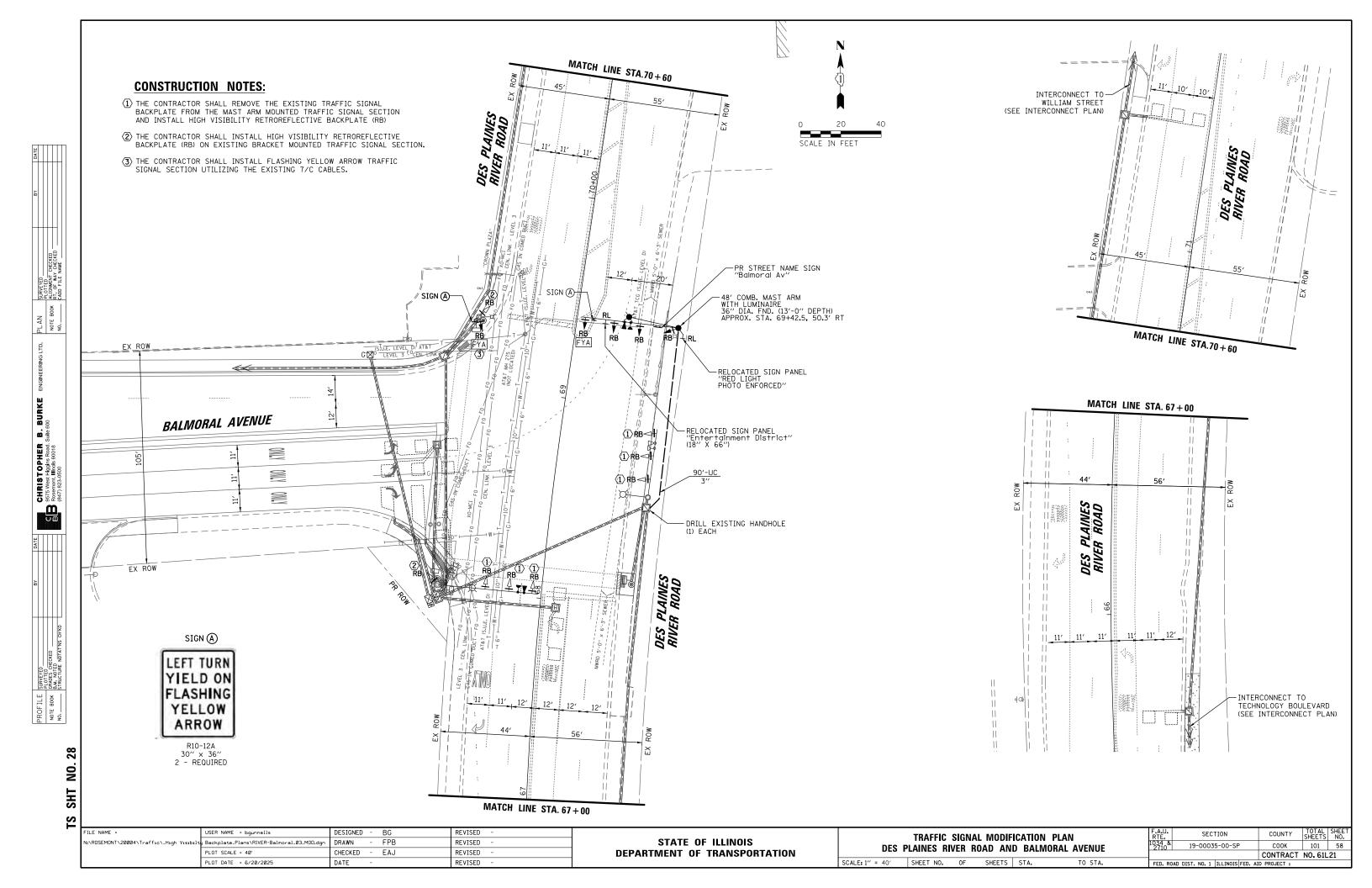
REVISED

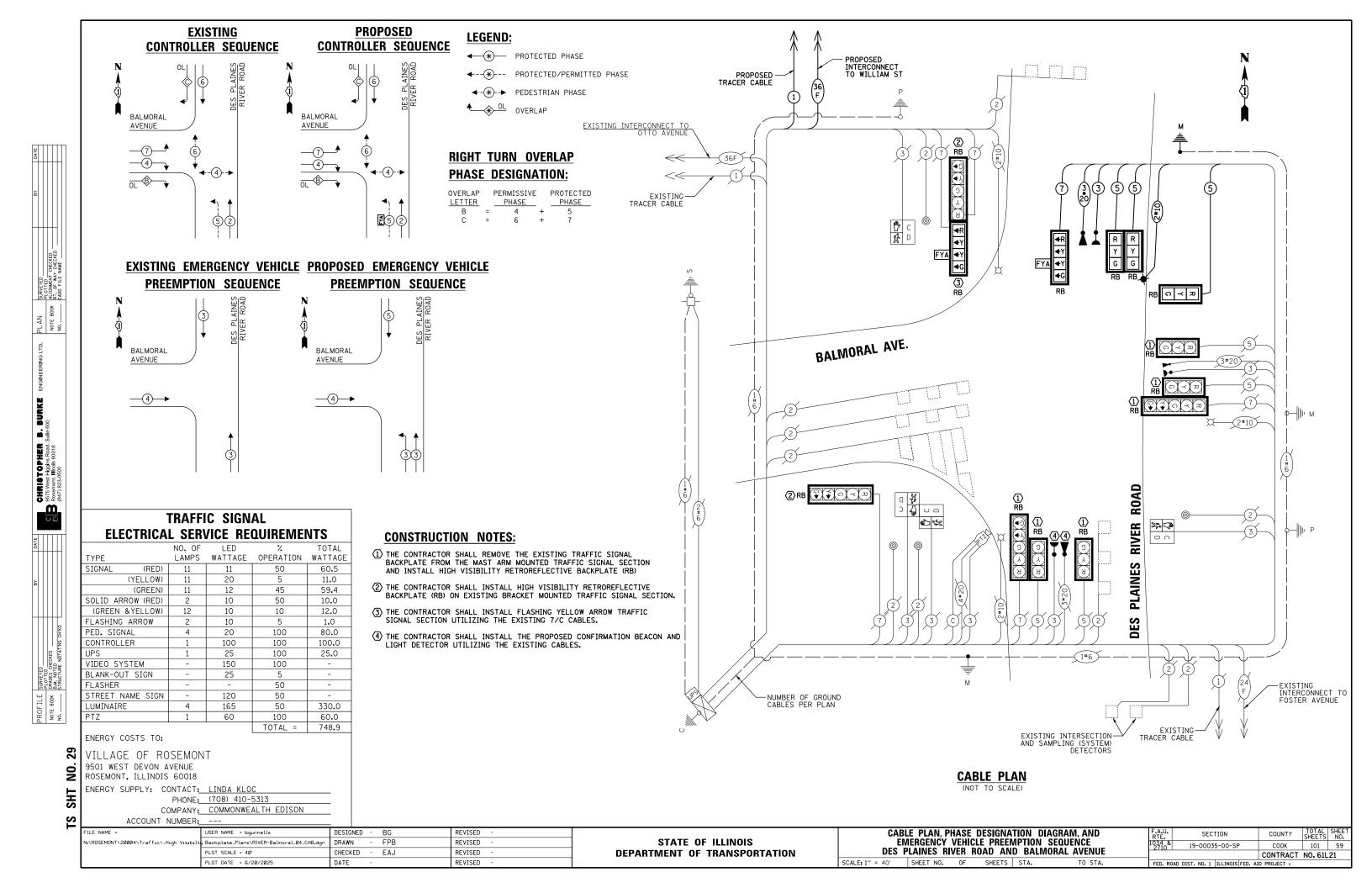
REVISED

REVISED

ACCOUNT NUMBER:

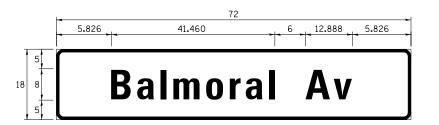
27





SIGN PANEL – TYPE 1

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	9.0	1	ZZ	1

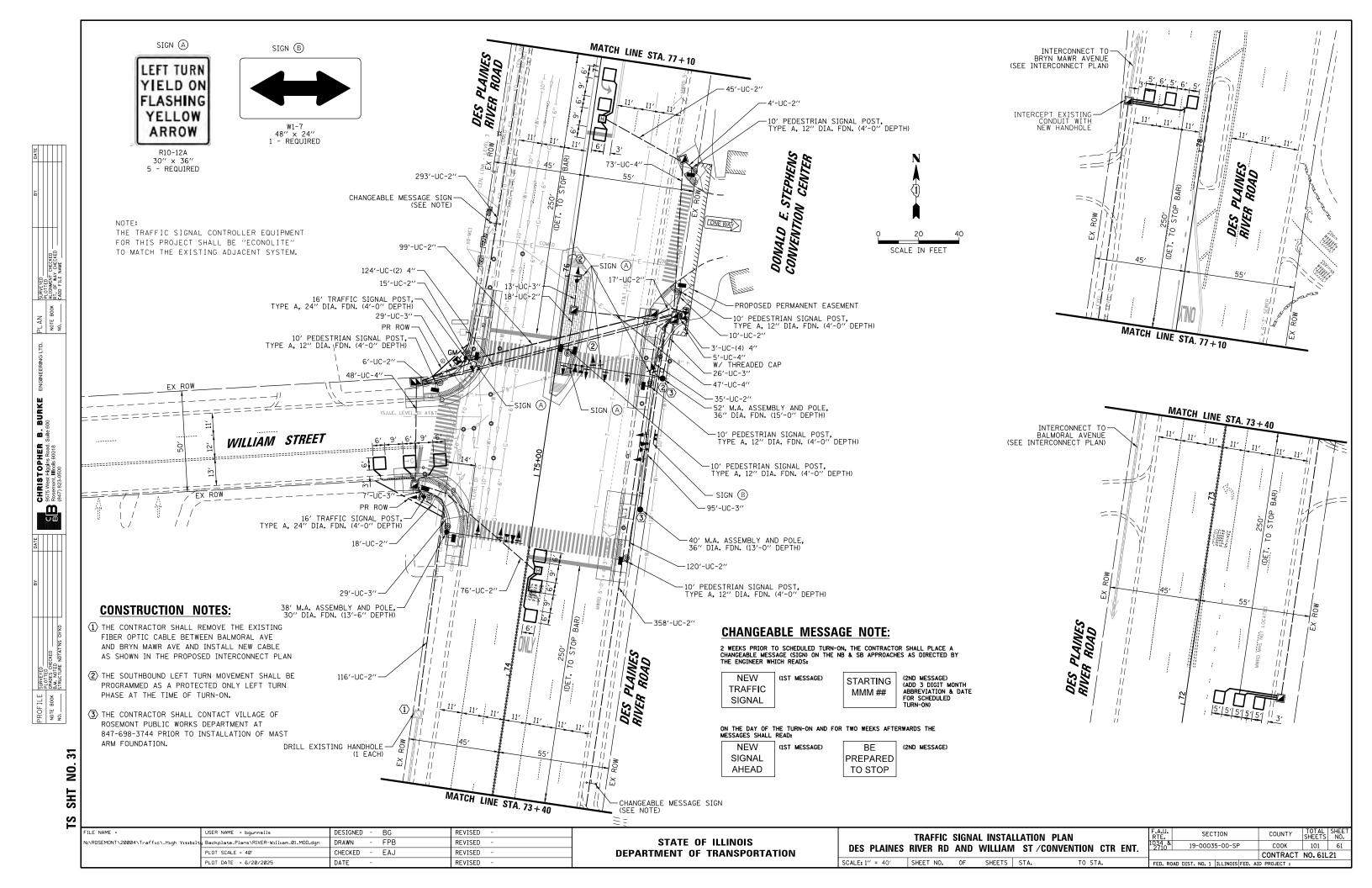
NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

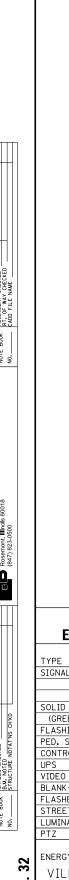
SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	24
RELOCATE SIGN PANEL - TYPE 1	SQ FT	18
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	90
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	274
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	294
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	808
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	301
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6	C FOOT	103
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	13
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1100
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	294
LUMINAIRE, LED, SPECIAL	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	-
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	

TS SHT NO. 30

ILE NAME =	USER NAME = bgunnells	DESIGNED	-	BG	REVISED	-	
:\ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans\RIVER-Balmoral_05_STN.dgn	DRAWN	-	FPB	REVISED	-	
	PLOT SCALE = 40'	CHECKED	-	EAJ	REVISED	-	
	PLOT DATE = 6/20/2025	DATE	-		REVISED	-	





l:\ROSEMONT\20004\Traffic_High Visibi

- FPB

- EAJ

REVISED

REVISED

REVISED

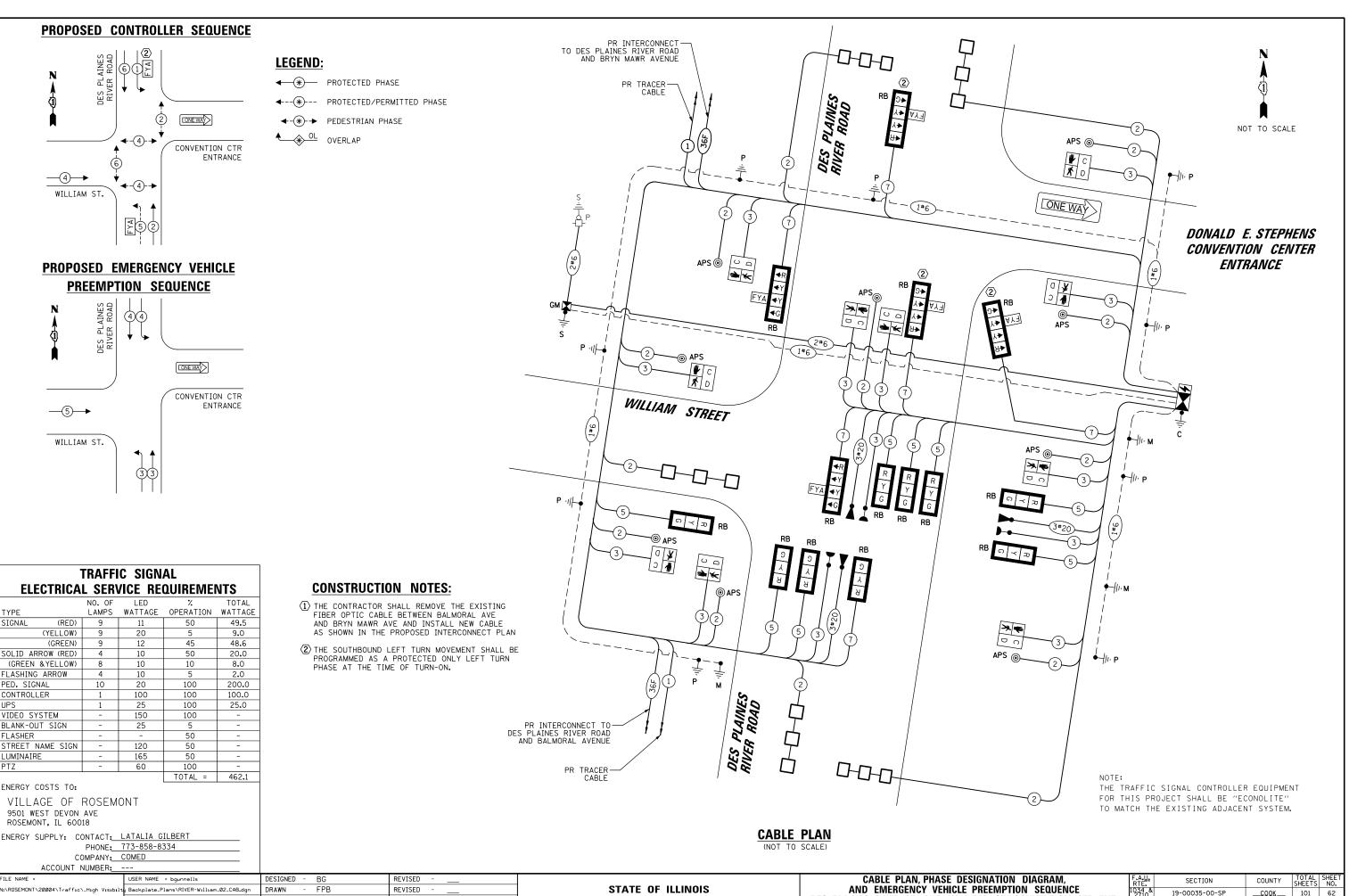
DRAWN

DATE

CHECKED

Backplate_Plans\RIVER-William_02_CAB.dor

PLOT DATE = 6/20/2025



DEPARTMENT OF TRANSPORTATION

19-00035-00-SP

DES PLAINES RIVER RD AND WILLIAM ST / CONVENTION CTR ENT.

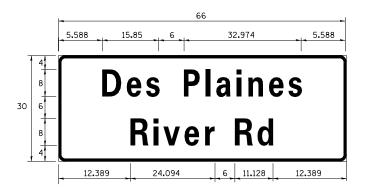
SCALE: NOT TO SCALE SHEET NO. OF SHEETS STA.

<u>COOK</u> 101 62

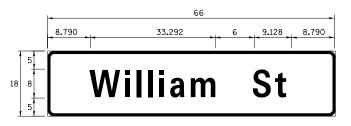
CONTRACT NO. 61L21

SIGN PANEL - TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	13.75	2	ZZ	1



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	8,25	1	ZZ	2

NOTE; FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

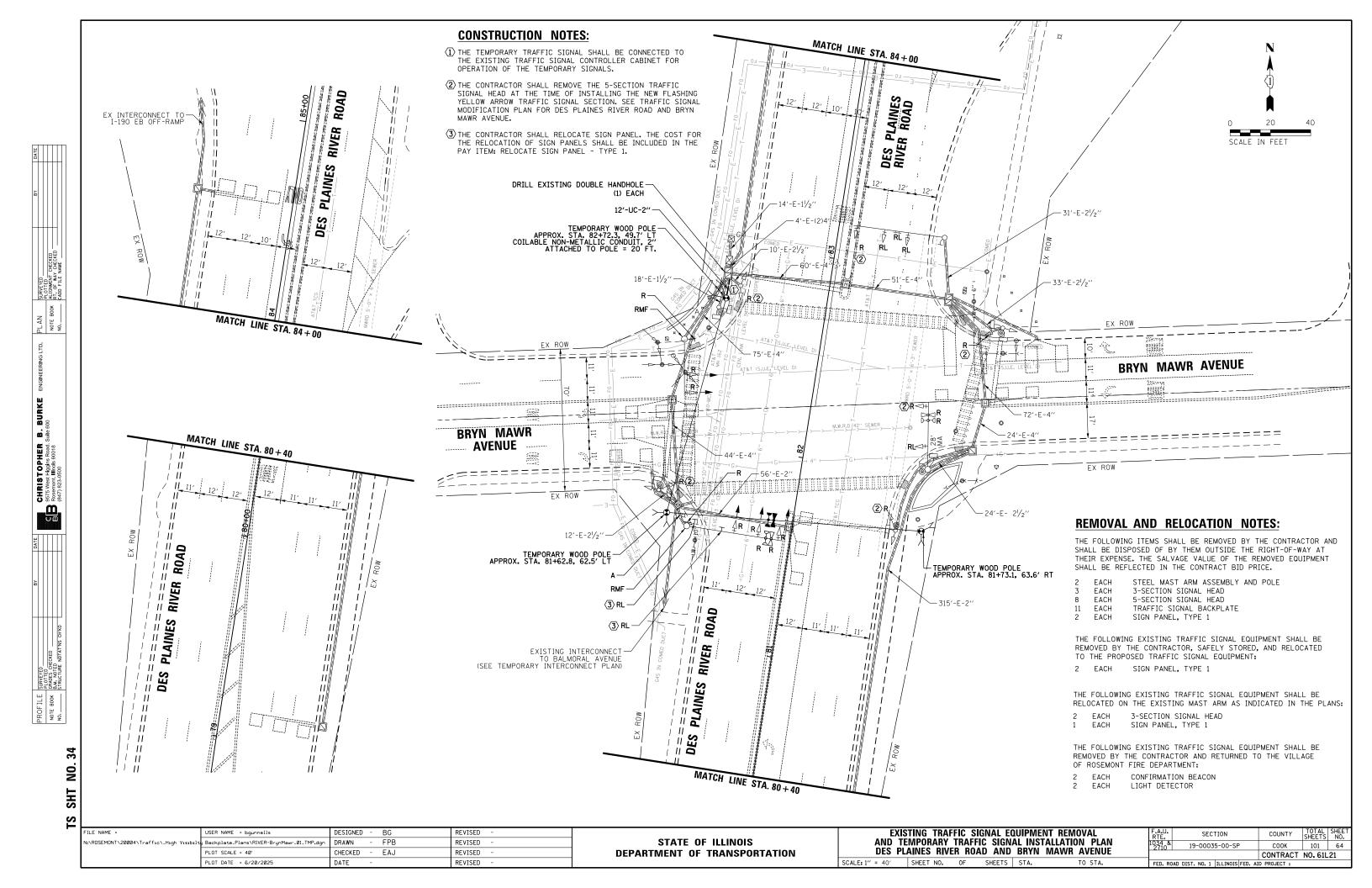
SCHEDULE OF QUANTITIES

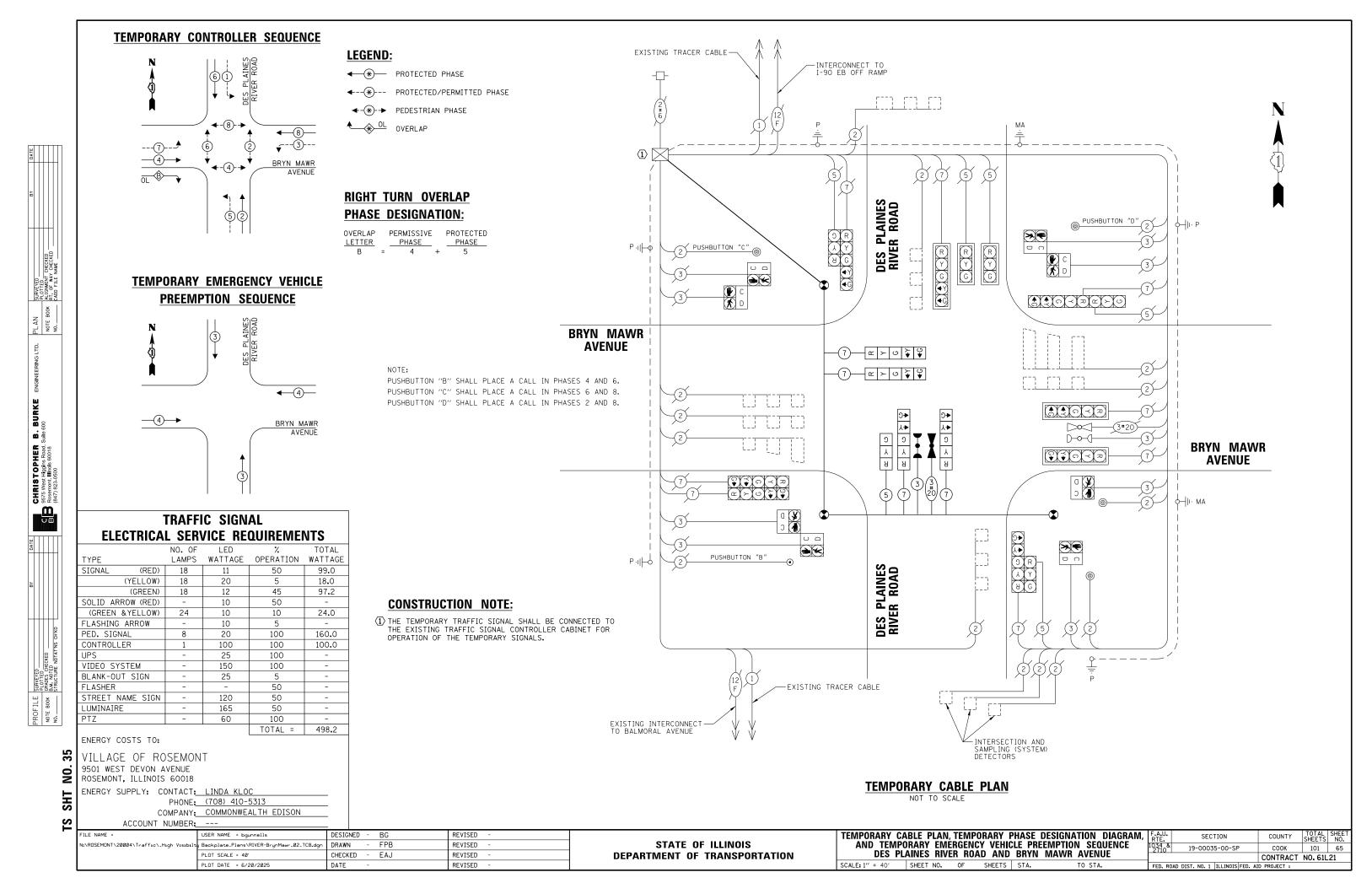
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	62
SIGN PANEL - TYPE 2	SQ FT	14
TELESCOPING STEEL SIGN SUPPORT	FOOT	22
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1209
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	207
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	433
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1328
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2074
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1733
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	593
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1494
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	182
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1363
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	28
DRILL EXISTING HANDHOLE	EACH	1
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	10
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	14
INDUCTIVE LOOP DETECTOR	EACH	5
DETECTOR LOOP, TYPE I	FOOT	489
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	581
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	6
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	9
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	24
EXPLORATORY EXCAVATION	CUYD	20

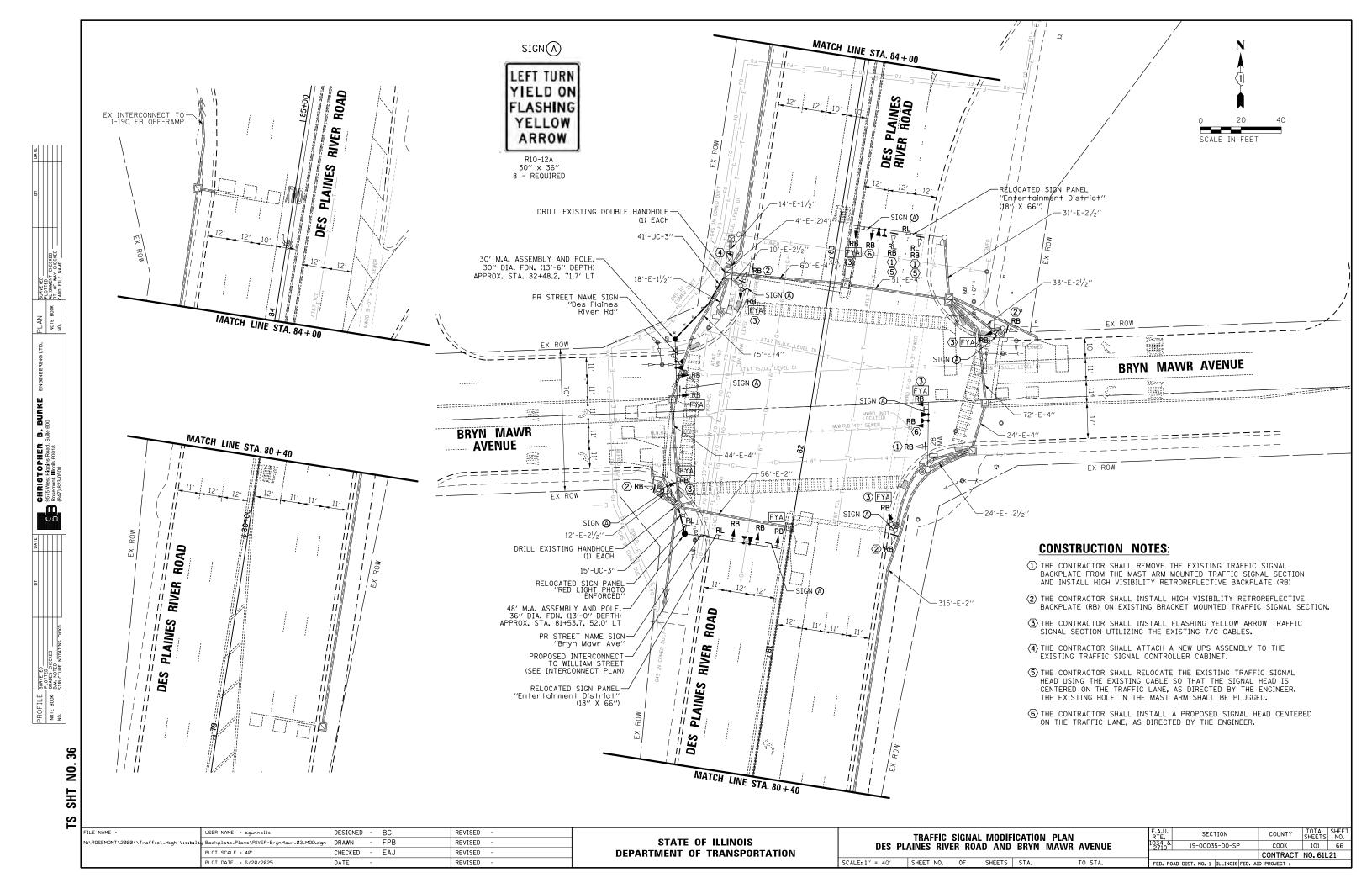
TS SHT NO. 33

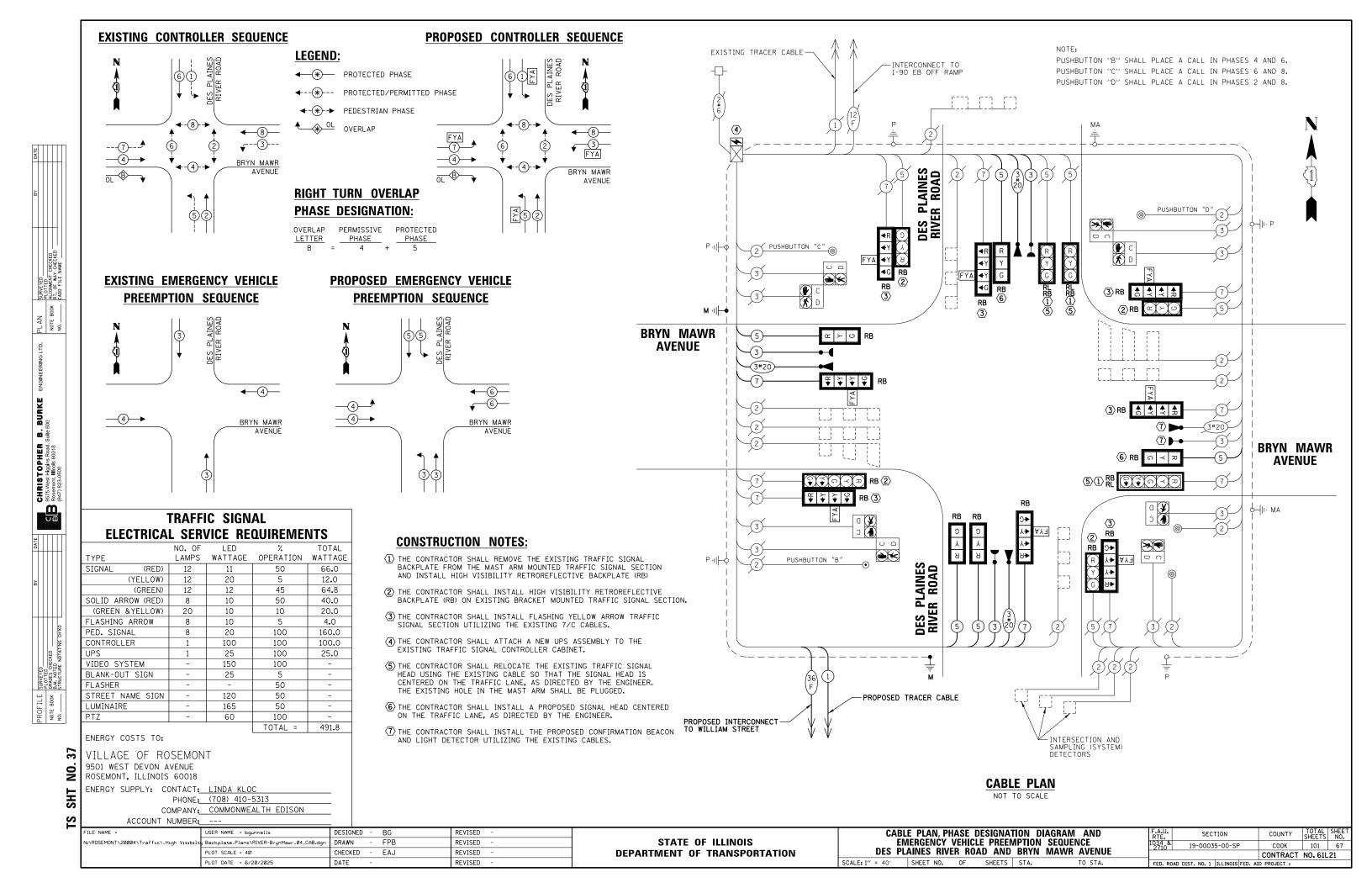
LE NAME =	USER NAME = bgunnells	DESIGNED -	BG	REVISED	П
\ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans\RIVER-William_03_STN.dgn	DRAWN -	FPB	REVISED	ĺ
	PLOT SCALE = 40'	CHECKED -	EAJ	REVISED -	ĺ
	PLOT DATE = 6/20/2025	DATE -		REVISED	i

		ULE OF QUAN IATED STREET			F.A. <u>U.</u> RTE.	
DES PLAINES				ONVENTION CTR ENT.	1034 & 2710	19-0
SCALE: NOT TO SCALE	SHEET NO	OF SHEETS	STA.	TO STA	FED. RO	AD DIST. N



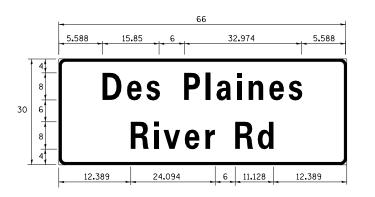




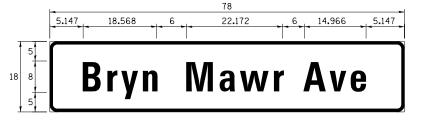


SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	13.75	2	ZZ	



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
С	9. 75	1	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME

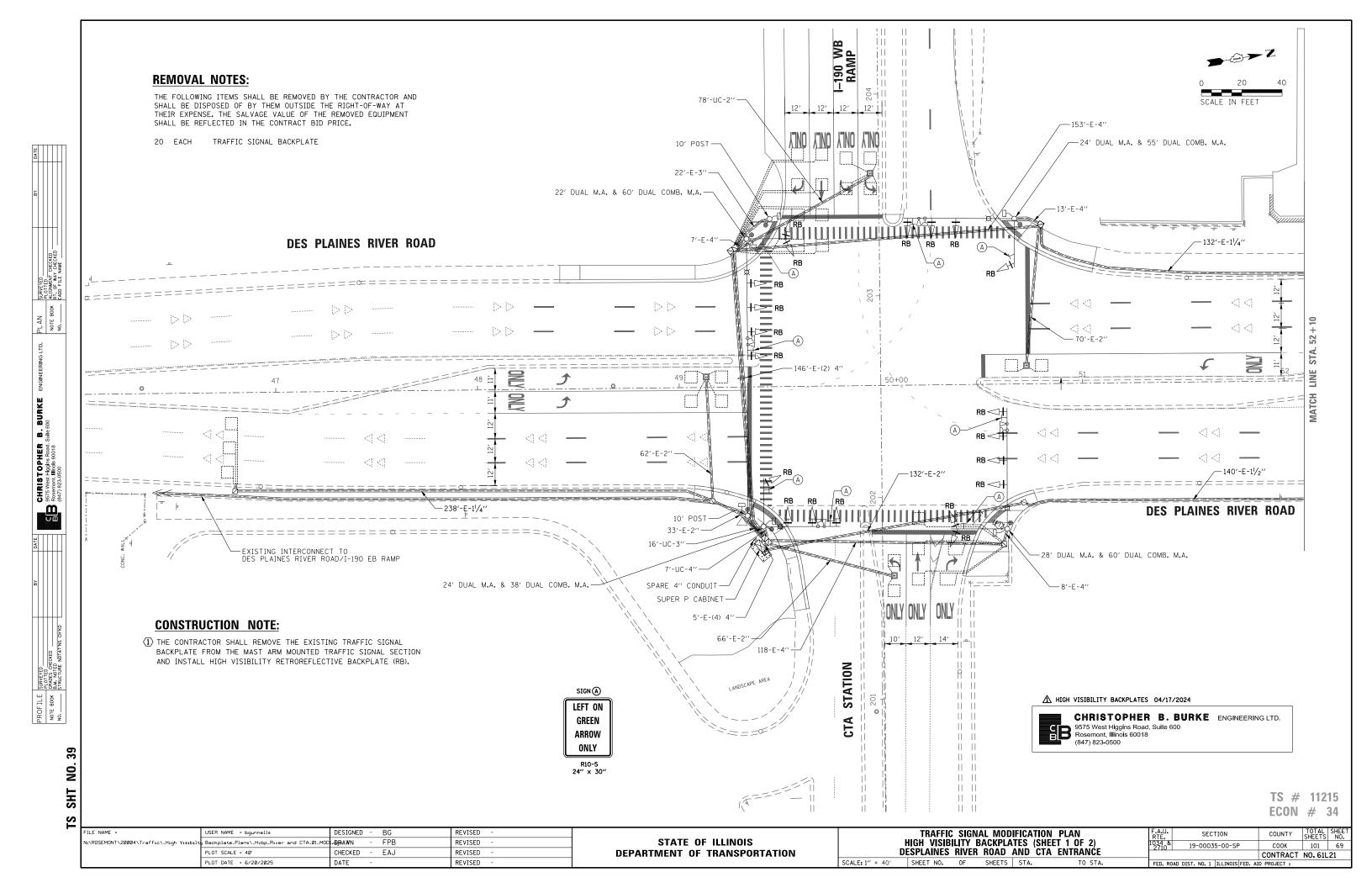
SCHEDULE OF QUANTITIES

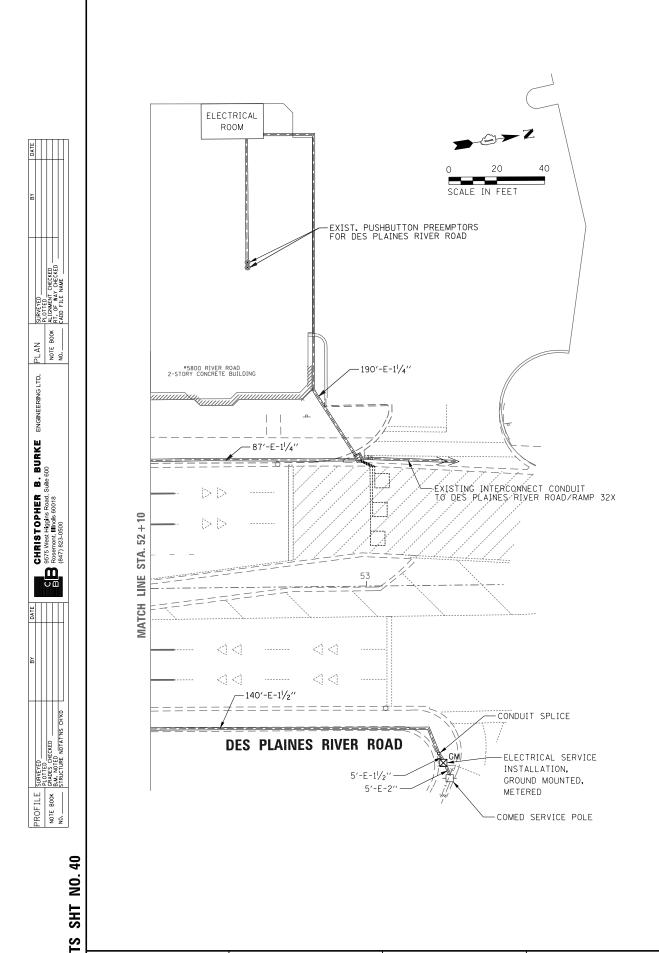
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	70
SIGN PANEL - TYPE 2	SQ FT	14
RELOCATE SIGN PANEL - TYPE 1	SQ FT	27
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	56
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	598
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1135
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	238
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	89
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	14
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
DRILL EXISTING HANDHOLE	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	20
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	929
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	_ 1
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	598
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

TS SHT NO. 38

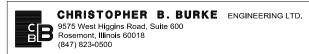
ILE NAME =	USER NAME = bgunnells	DESIGNED	-	BG	REVISED	-	ĺ
:\ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans\RIVER-BrynMawr_05_STN.dgn	DRAWN	-	FPB	REVISED	-	ĺ
	PLOT SCALE = 40'	CHECKED	-	EAJ	REVISED	-	ĺ
	PLOT DATE = 6/20/2025	DATE	-		REVISED	-	i

			OF QUAN	F.A.U. RTE.	SECTION	N	COUNTY	TOTAL SHEETS	SHEET NO.		
	MAST ARM MOUNTED STREET NAME SIGN							0-SP	COOK	101	68
DE2 PL	DES PLAINES RIVER ROAD AND BRYN MAWR AVENUE								CONTRACT	NO. 61L	21
SCALE: NOT TO SCALE	SHEET NO.	0F	SHEETS	STA.	TO STA.	FED. ROA	D DIST. NO. 1 ILL	INOIS FED. AII	D PROJECT :		



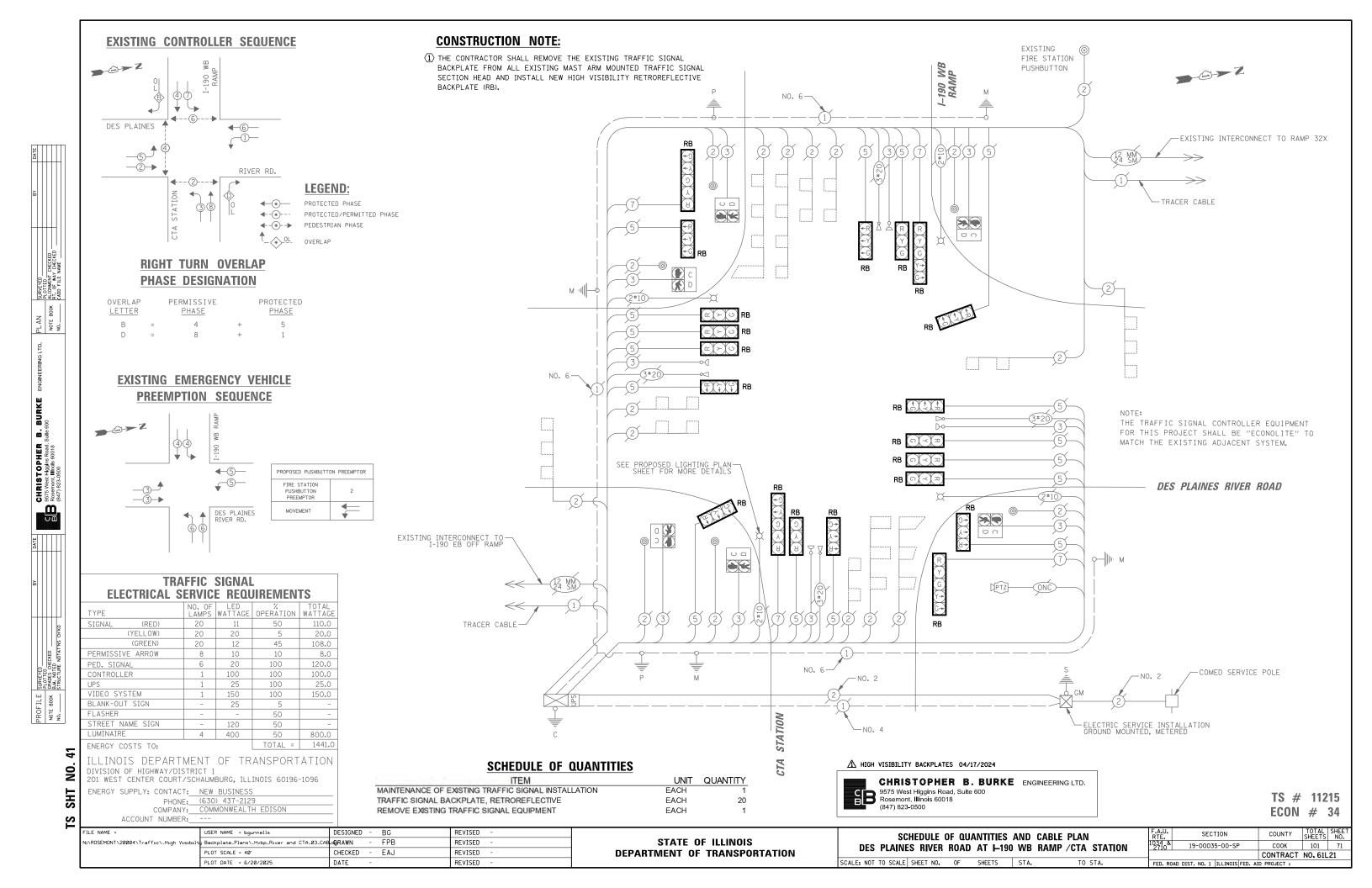


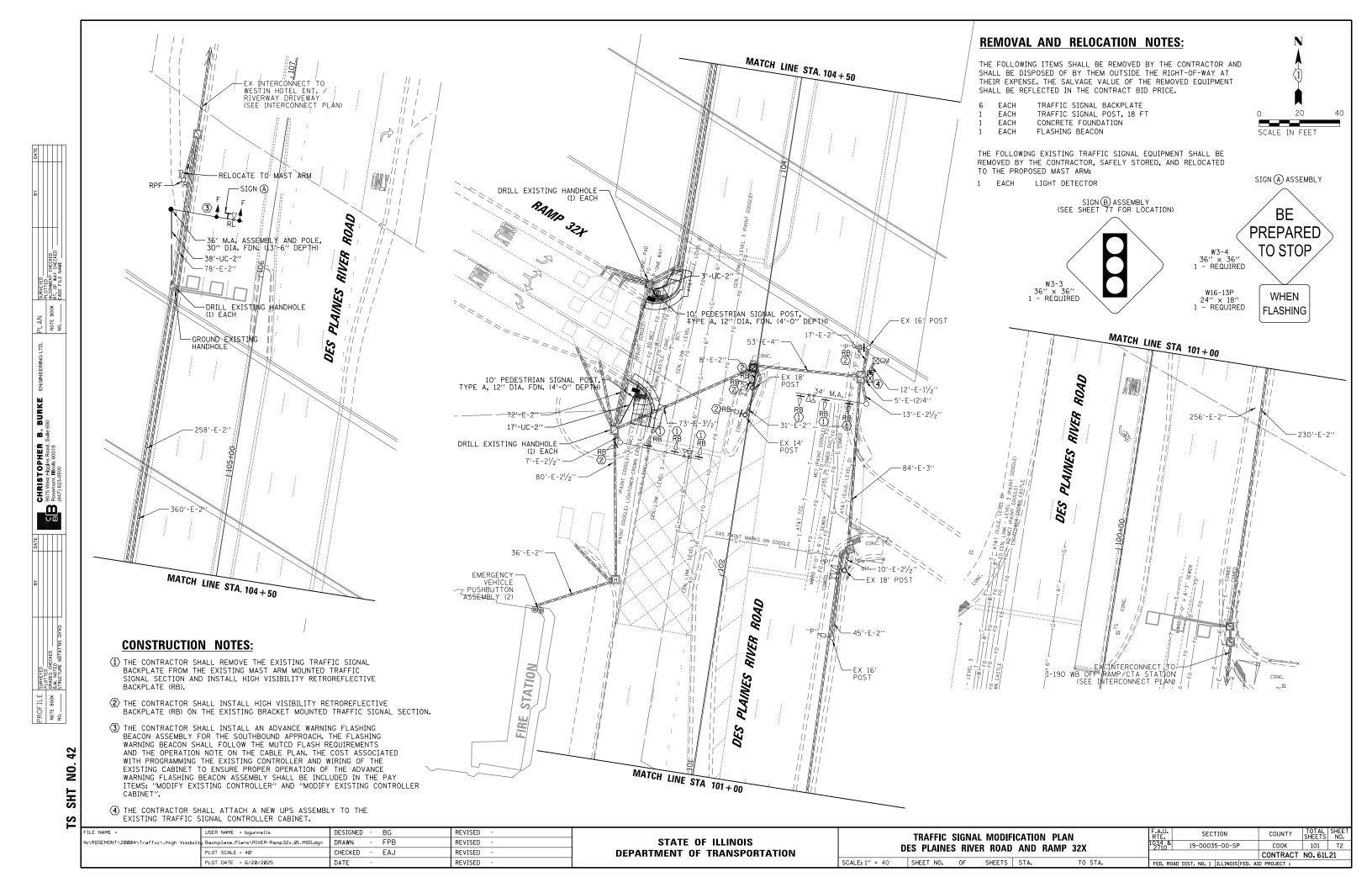
⚠ HIGH VISIBILITY BACKPLATES 04/17/2024

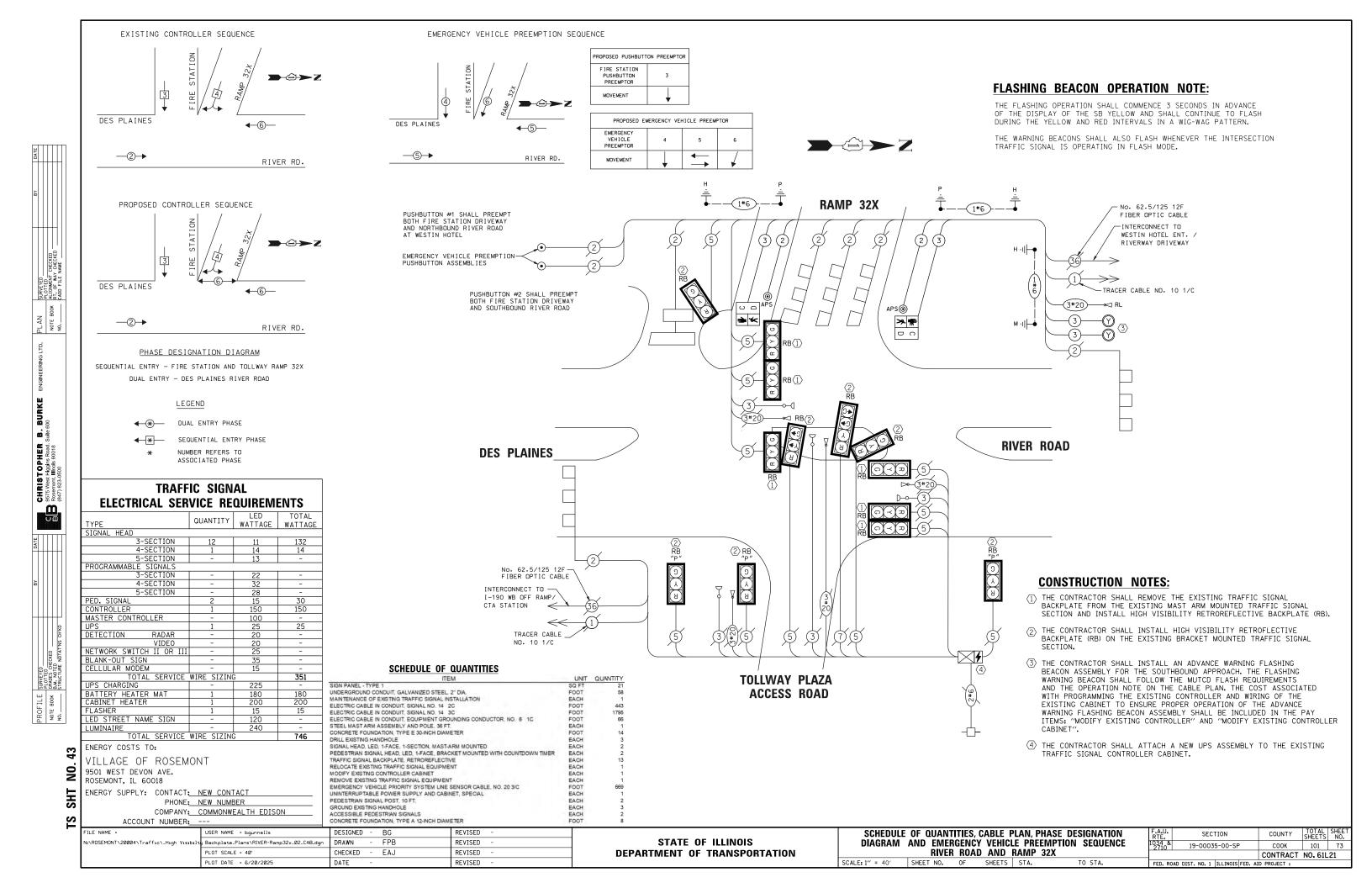


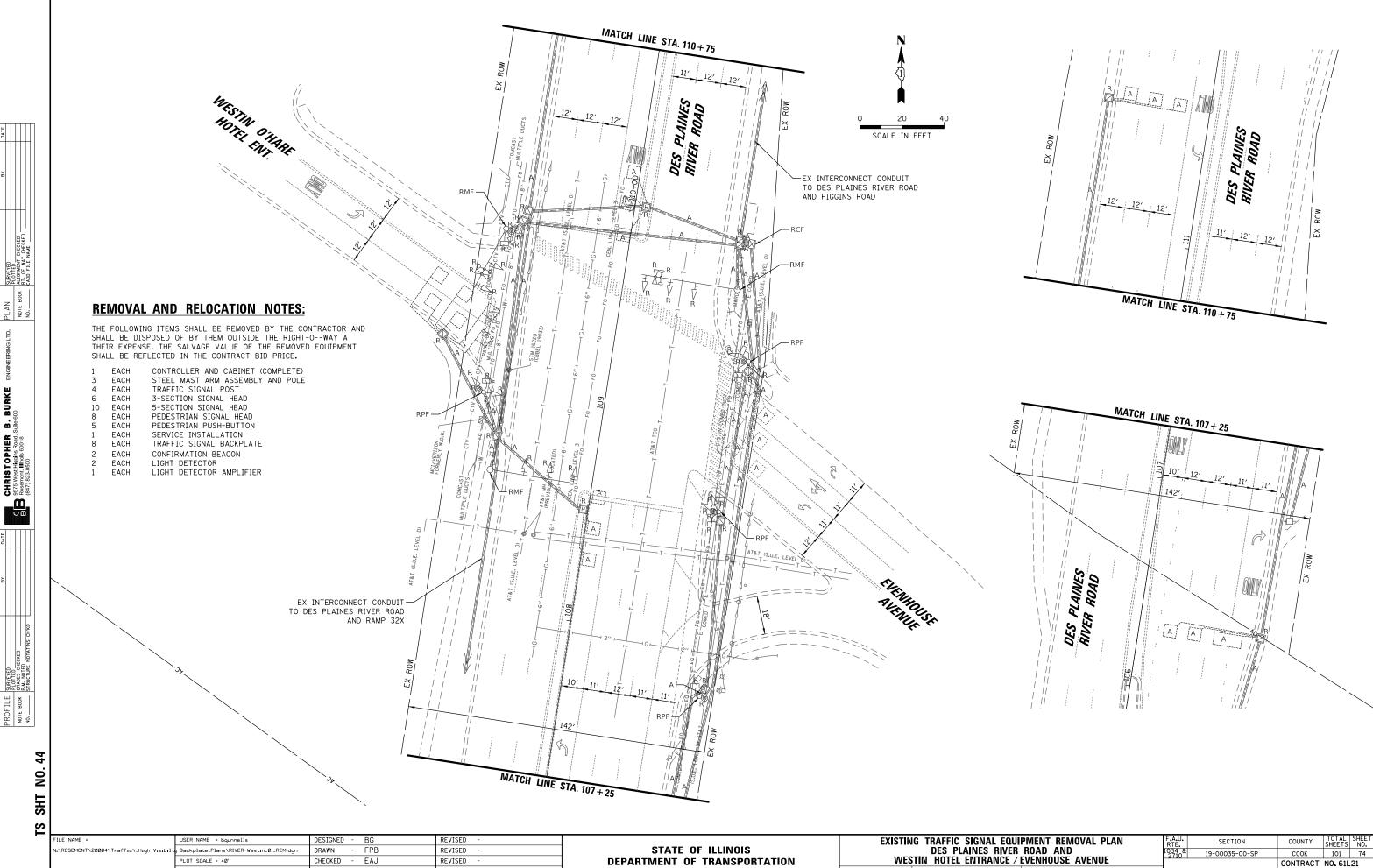
TS # 11215 ECON # 34

	FILE NAME =	USER NAME = bgunnells	DESIGNED - BG	REVISED -			TRAFFIC SIGNAL MODIFICATION PLAN	F.A.U. SECTION	COUNTY TOTAL SHEET
1	N:\ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans_Hvbp_River and CTA_02_MOD	2.0ang∧awn - FPB	REVISED -	STATE OF ILLINOIS		HIGH VISIBILTY BACKPLATES (SHEET 2 OF 2)	1034 & 19-00035-00-SP	COOK 101 70
		PLOT SCALE = 40'	CHECKED - EAJ	REVISED -	DEPARTMENT OF TRANSPORTATION	DE	SPLAINES RIVER ROAD AND CTA ENTRANCE	2110	CONTRACT NO. 61L21
		PLOT DATE = 6/20/2025	DATE -	REVISED -		SCALE: 1" = 40"	SHEET NO. OF SHEETS STA. TO STA.		ID PROJECT :







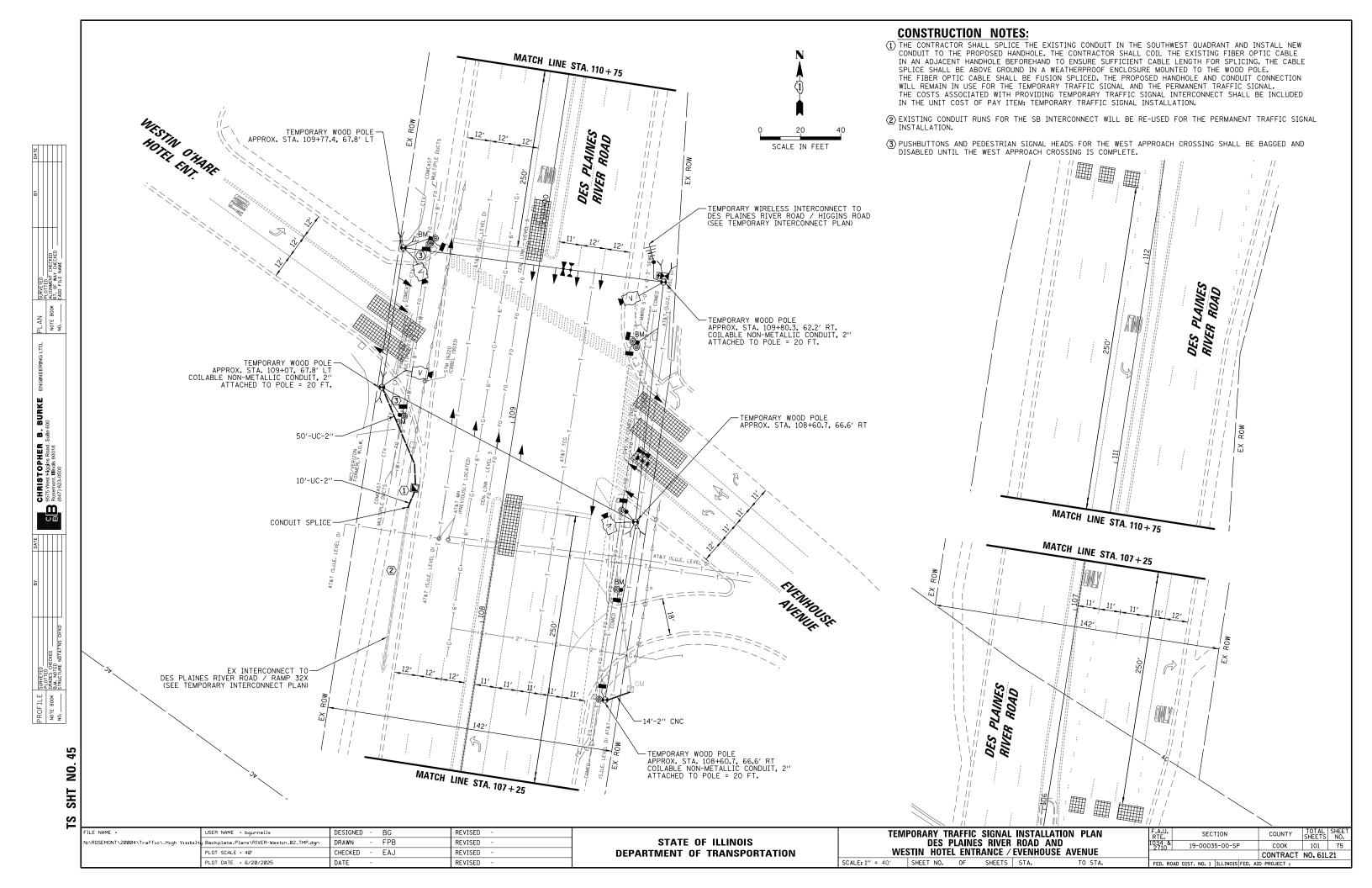


SCALE: 1" = 40' SHEET NO. OF SHEETS STA.

PLOT DATE = 6/20/2025

DATE

REVISED





ACCOUNT NUMBER: --

I:\ROSEMONT\20004\Traffic_High Visib

USER NAME = bgunnells

PLOT DATE = 6/20/2025

Backplate_Plans\RIVER-Westin_03_TCB.dor

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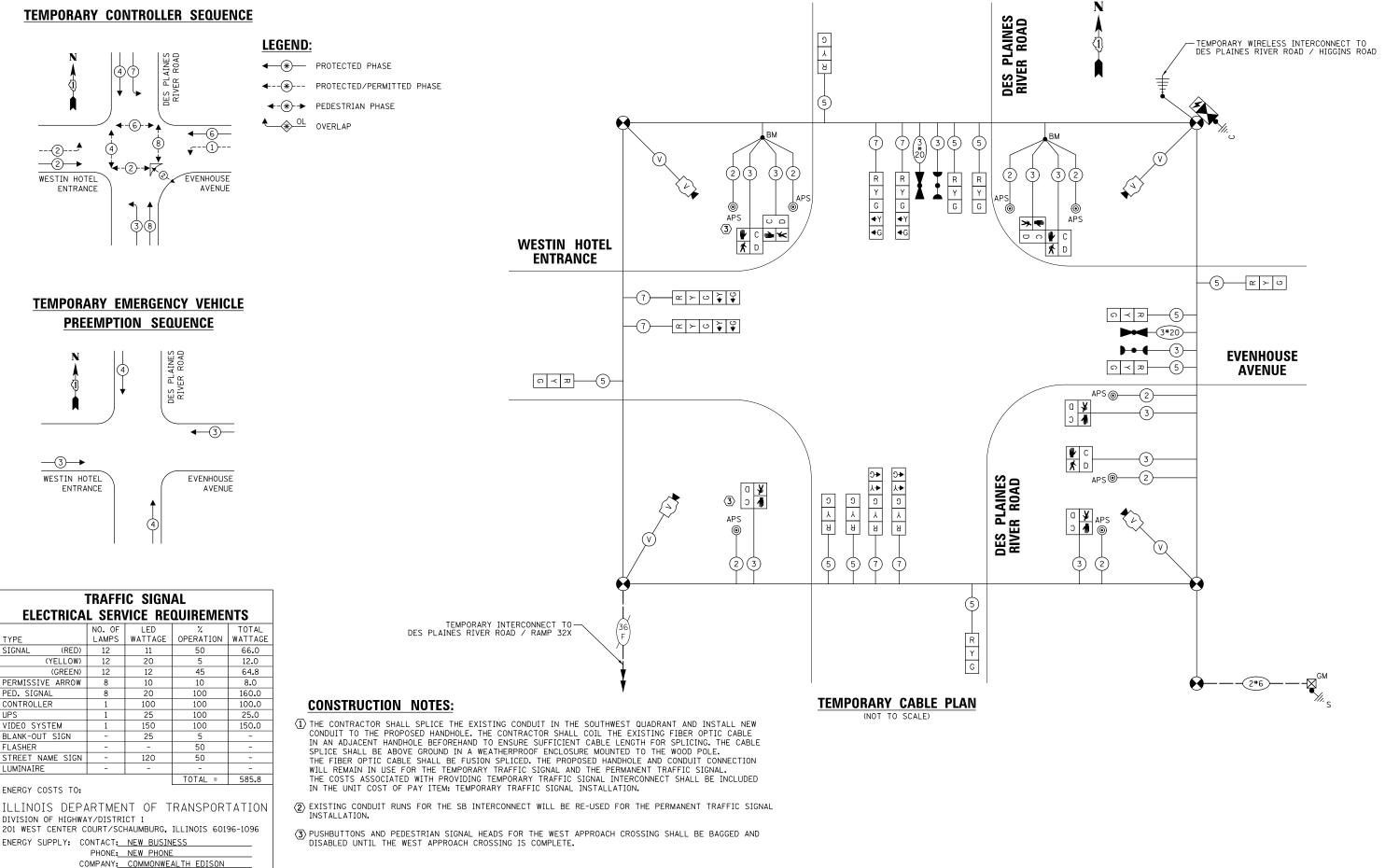
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STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

DES PLAINES RIVER RD AND WESTIN HOTEL ENT / EVENHOUSE AVE

SCALE: 1" = 40' SHEET NO. OF SHEETS STA.

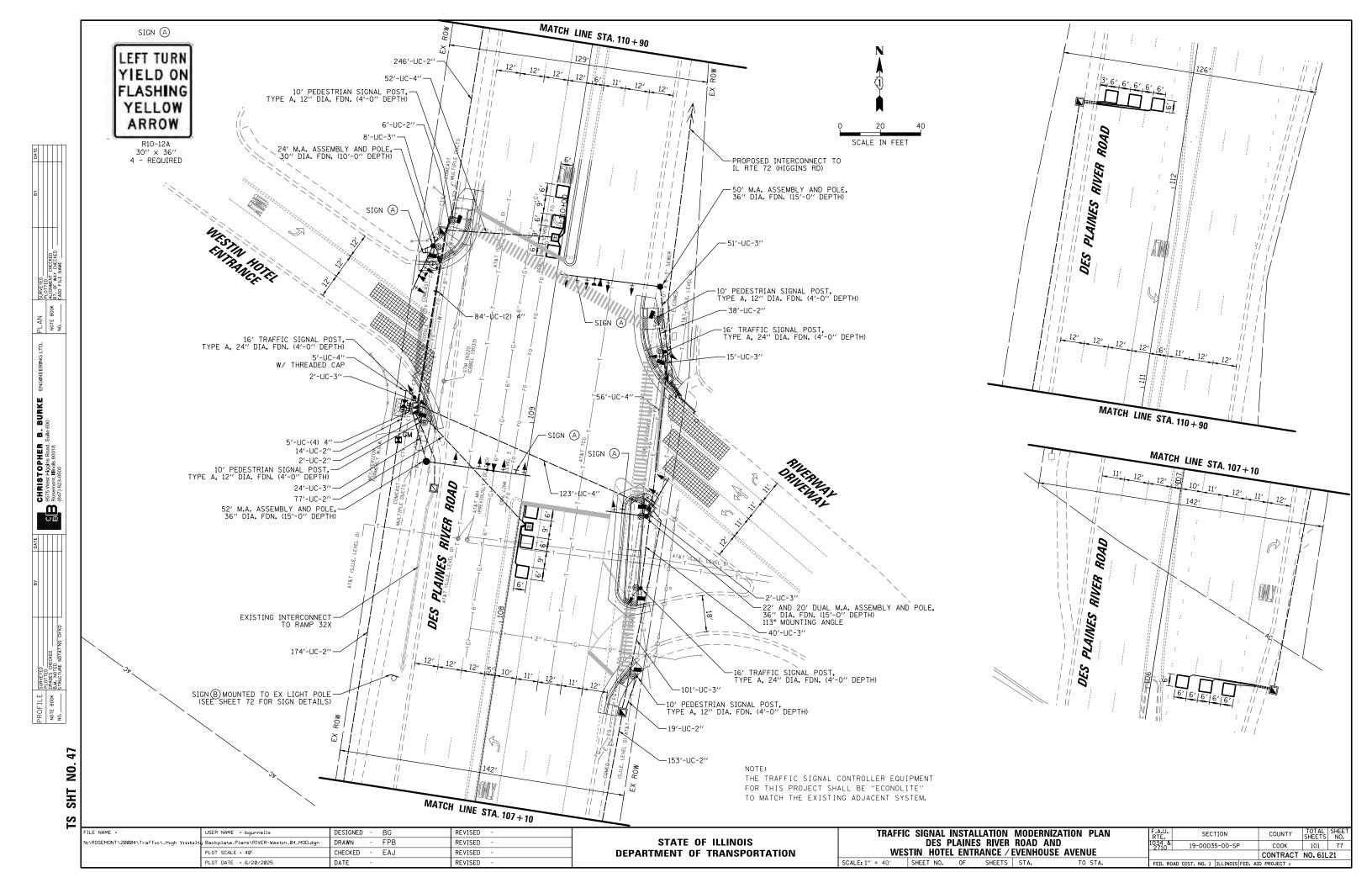
SECTION

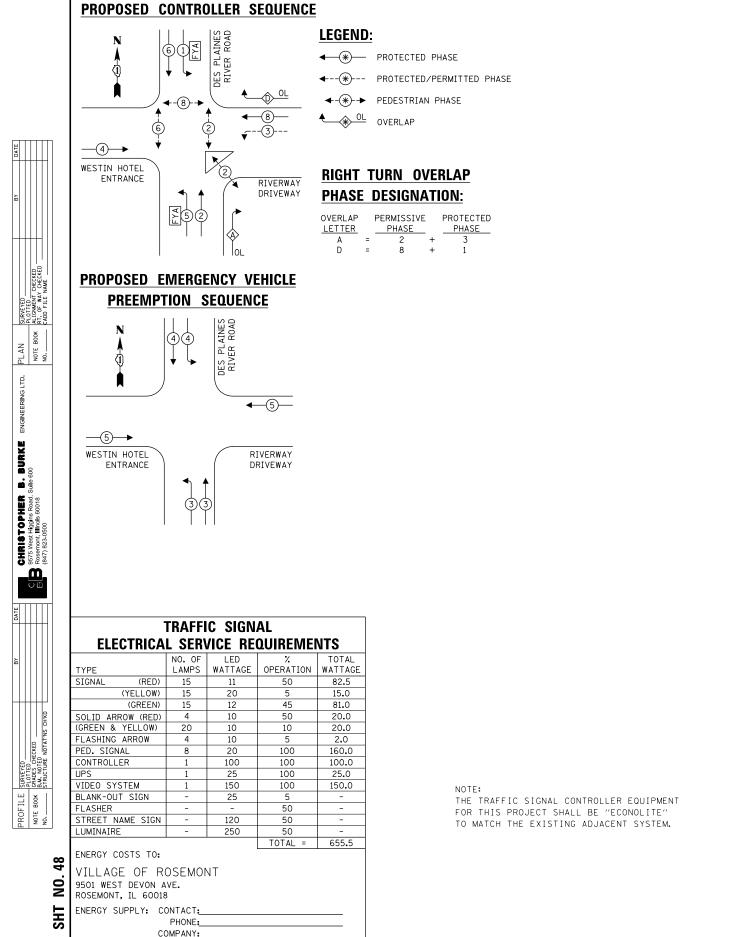
19-00035-00-SP

COUNTY

COOK

CONTRACT NO. 61L21





DESIGNED - BG

CHECKED - EAJ

DRAWN

DATE

Backplate_Plans\RIVER-Westin_05_CAB.dgr

PLOT DATE = 6/20/2025

- FPB

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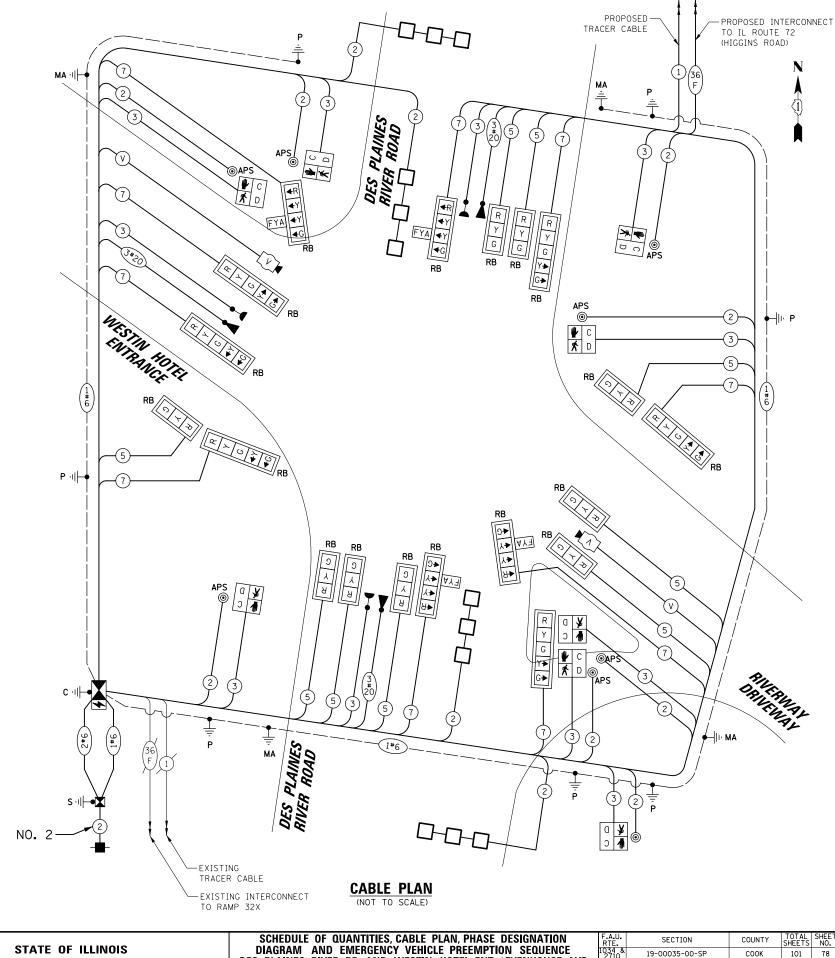
REVISED

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

ACCOUNT NUMBER:

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DES PLAINES RIVER RD AND WESTIN HOTEL ENT / EVENHOUSE AVE

SHEET NO. OF SHEETS STA.

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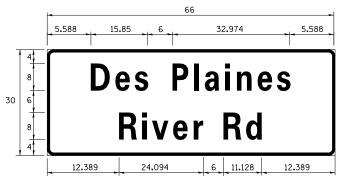
CONTRACT NO. 61L21

101 78

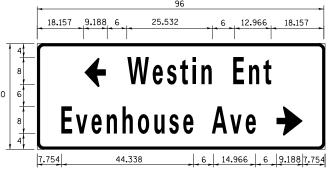
19-00035-00-SP



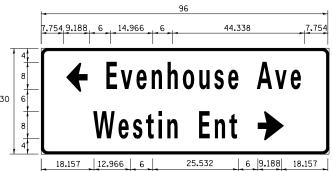
ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	13.75	2	ZZ	2



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
С	20.0	2	ZZ	



DESIGN	AREA	SIGN PANEL SHEETING		QTY.
SERIES	(SQ FT)	TYPE TYPE		REQUIRED
С	20.0	2	ZZ	1

NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

8 SHT

E NAME =	USER NAME = bgunnells	DESIGNED	-	BG	REVISED	-
ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans\RIVER-Westın_06_STN.dgn	DRAWN	-	FPB	REVISED	-
	PLOT SCALE = 40'	CHECKED	-	EAJ	REVISED	-
	PLOT DATE = 6/20/2025	DATE	-		REVISED	-

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES AND MAST ARM MOUNTED STREET NAME SIGN						
					ENT / EVENHOUSE AVE	1034 271
SCALE: 1" = 40"	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED

		SECTION	COUNTY		SHEET NO.
1034 & 19-00035-00-SP COOK 101 79	1034 & 2710	19-00035-00-SP	соок	101	79
CONTRACT NO. 61L21			CONTRACT	NO. 61L	.21
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT :					

UNIT QUANTITY

30

68

720

282

475

6

2

1436

2285

1584

1990

1063

208

2056

3

16

4

8

19

12

3

8

4

16

2

613

1010

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SCHEDULE OF QUANTITIES
ITEM
SIGN PANEL - TYPE 1
SIGN PANEL - TYPE 2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.

UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.

UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C

ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C

ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR

ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C

STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 22 FT. AND 20 FT.

PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER

ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C

TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.

STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.

STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.

STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.

CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER

CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER

TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE

TEMPORARY TRAFFIC SIGNAL INSTALLATION

REMOVE EXISTING CONCRETE FOUNDATION

UNINTERRUPTABLE POWER SUPPLY, SPECIAL

REMOVE EXISTING DOUBLE HANDHOLE

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

SERVICE INSTALLATION, GROUND MOUNTED, METERED

CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER

VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH

SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED

SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED

SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED

SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED

SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED

SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED

EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C

FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)

CONCRETE FOUNDATION, TYPE A

CONCRETE FOUNDATION, TYPE C

INDUCTIVE LOOP DETECTOR

LIGHT DETECTOR AMPLIFIER

REMOVE EXISTING HANDHOLE

PEDESTRIAN SIGNAL POST, 10 FT.

ACCESSIBLE PEDESTRIAN SIGNALS

TEMPORARY TRAFFIC SIGNAL TIMING

DETECTOR LOOP, TYPE I

LIGHT DETECTOR

HANDHOLE

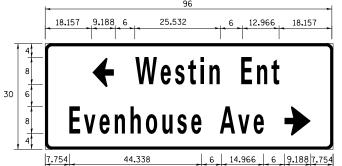
HEAVY-DUTY HANDHOLE

TRANSCEIVER - FIBER OPTIC

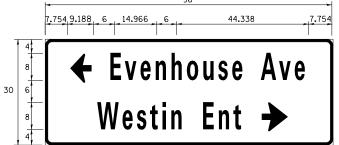
DOUBLE HANDHOLE

		5.588 15.85 6 32.974 5.588	
0	8	Des Plaines	
	8	River Rd	

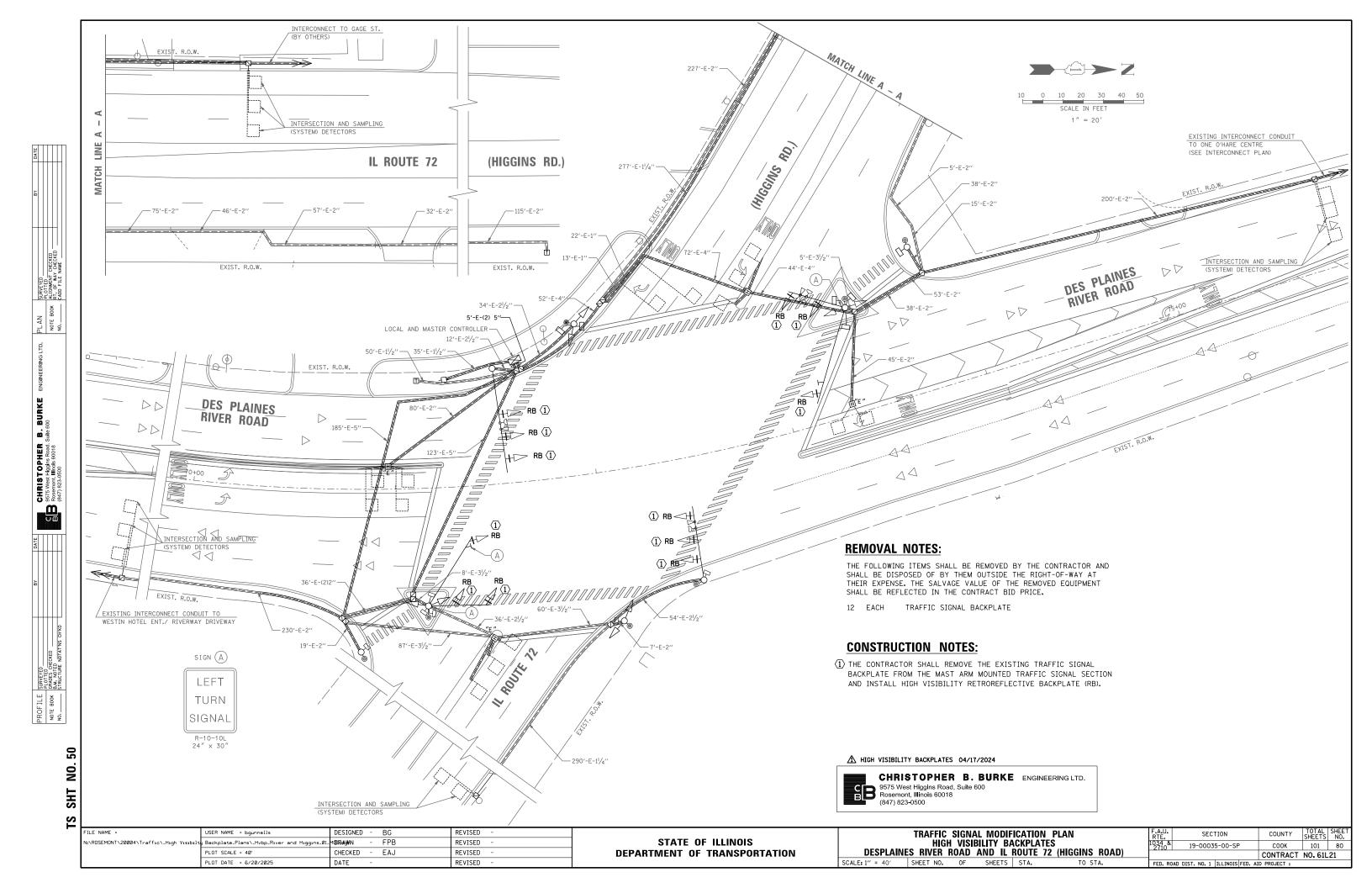
DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	13.75	2	ZZ	2

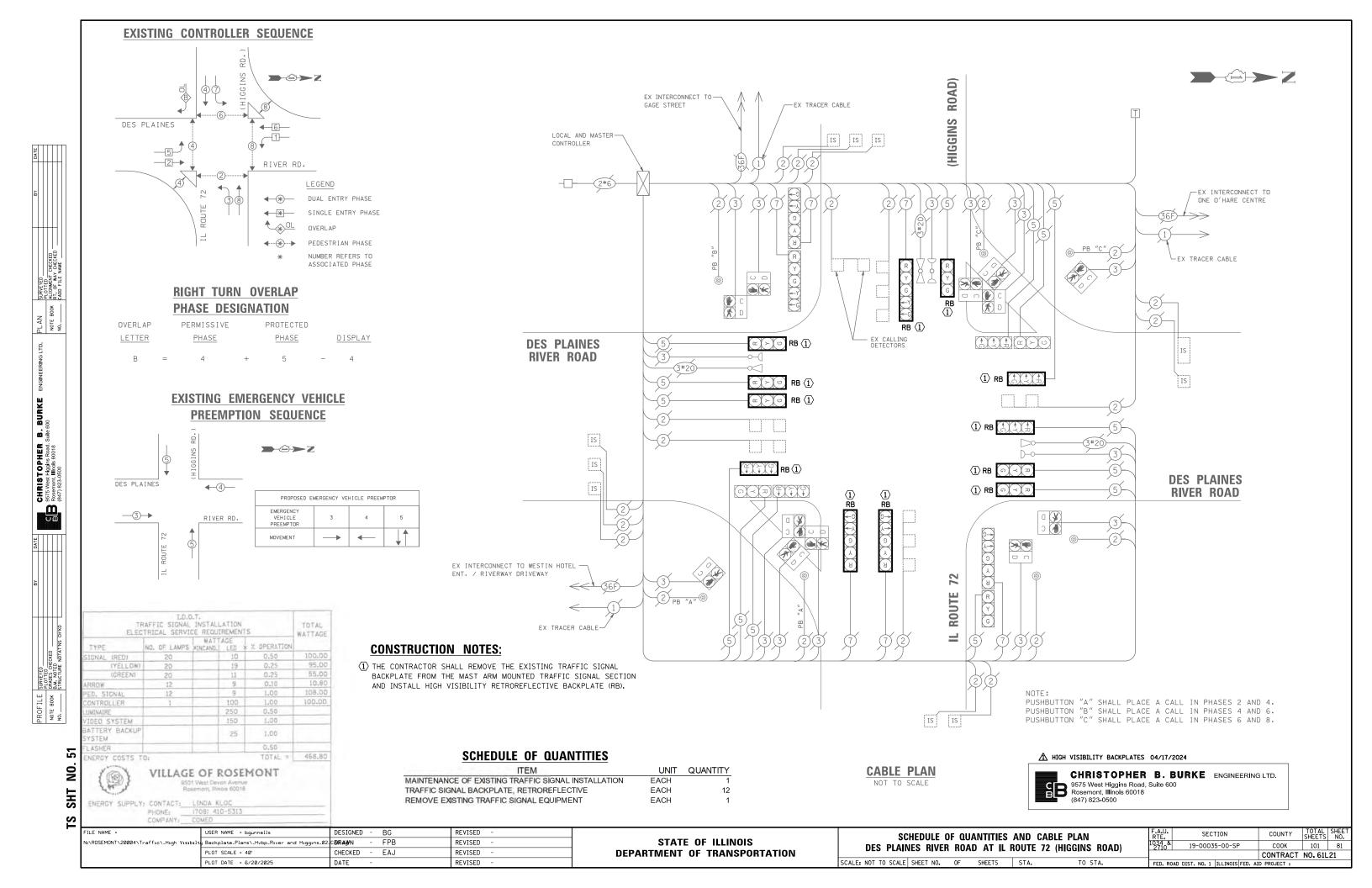


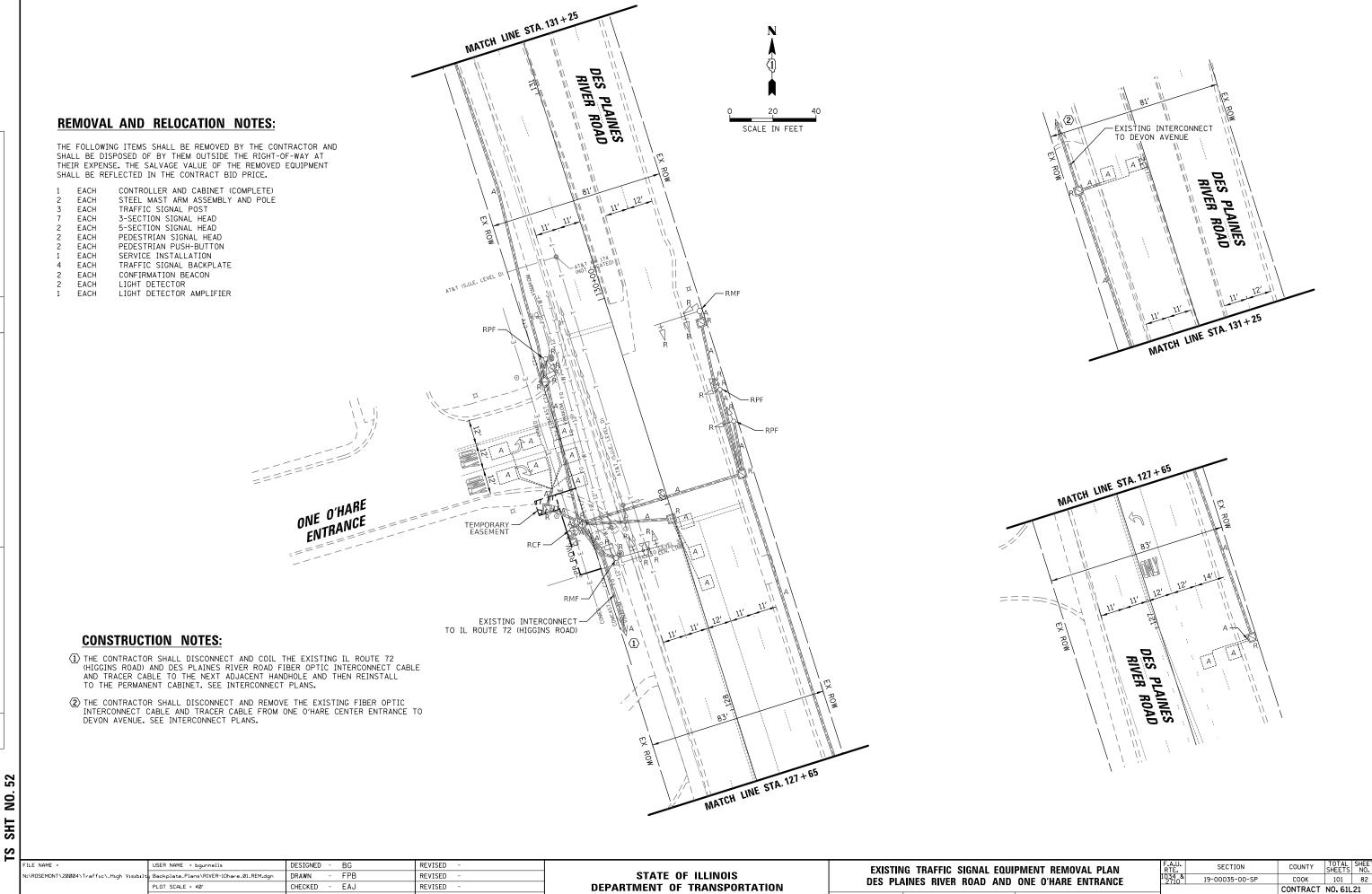
DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE		
С	20.0	2	ZZ	1



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED







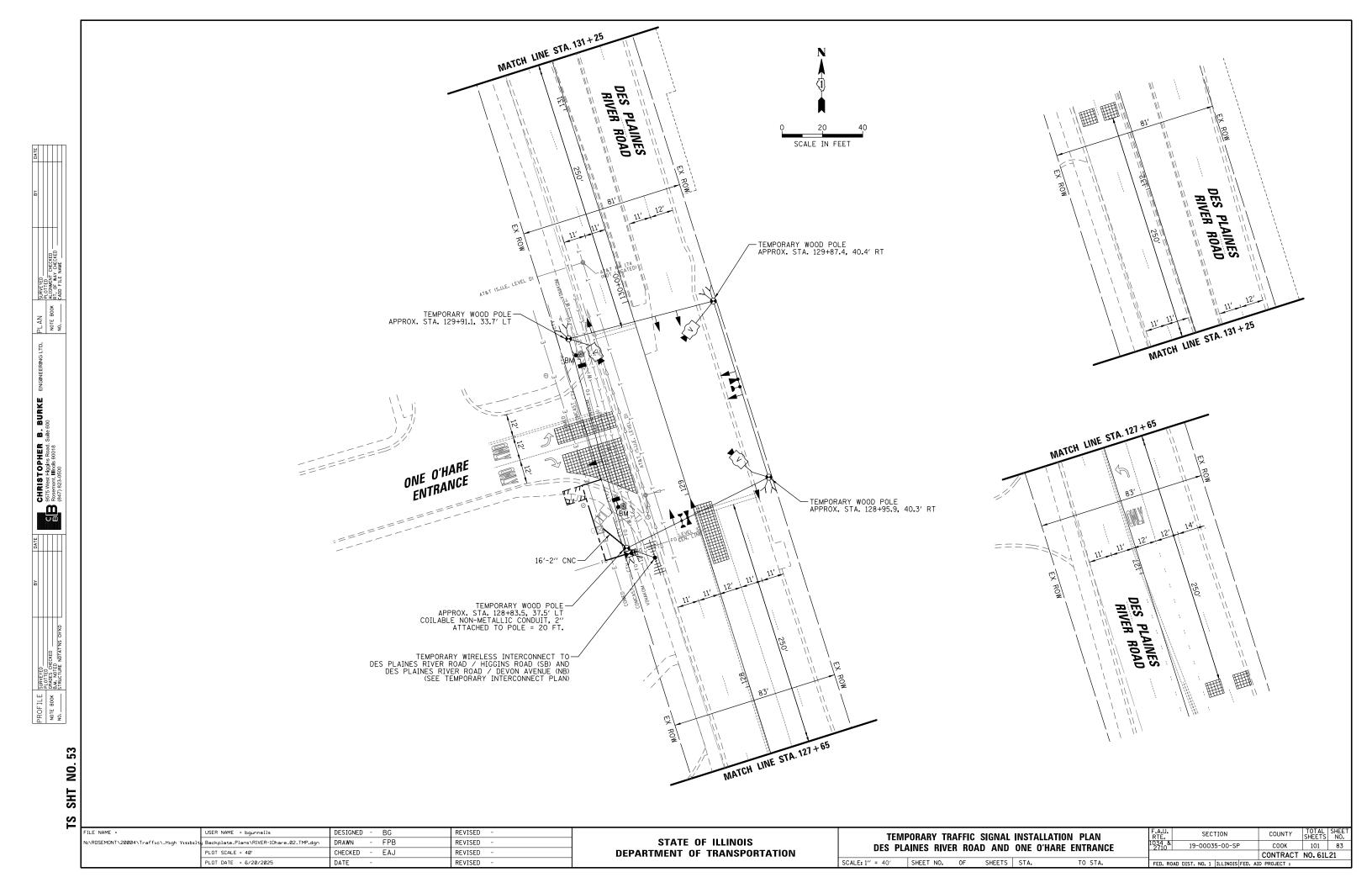
SCALE: 1" = 40' SHEET NO. OF SHEETS STA.

REVISED

NO.

PLOT DATE = 6/20/2025

DATE





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TEMPORARY CONTROLLER SEQUENCE С Д **LEGEND**: **◆** PROTECTED PHASE DES PLA RIVER ◆--*-- PROTECTED/PERMITTED PHASE (5) **←**-*****- **PEDESTRIAN PHASE** OVERLAP OVERLAP **-**4)**→** R Y G ◆Y ◆G R Y G ←Y ←G ONE O'HARE ENTRANCE \$2 TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE DES PLA RIVER ONE O'HARE **ENTRANCE** (n) < Z) — (5) — **-**4**→** ONE O'HARE ENTRANCE TEMPORARY RADIO INTERCONNECT TO— DES PLAINES RIVER ROAD / HIGGINS ROAD (SB) AND DES PLAINES RIVER ROAD / DEVON AVENUE (NB) TRAFFIC SIGNAL **ELECTRICAL SERVICE REQUIREMENTS** % OPERATION NO. OF LED WATTAGE TOTAL WATTAGE 49.5 (RED) (YELLOW) 180.0 20 (GREEN) 12 48.6 PERMISSIVE ARROW 10 4.0 PED. SIGNAL 20 100 40.0 CONTROLLER 100 100 100.0 100 25.0 150 25 VIDEO SYSTEM 100 150.0 BLANK-OUT SIGN FLASHER 50

(NOT TO SCALE)

TEMPORARY CABLE PLAN

ENERGY COSTS TO: 54 VILLAGE OF ROSEMONT 9501 WEST DEVON AVE ROSEMONT, IL 60018

STREET NAME SIGN

LUMINAIRE

SHT

Z

ENERGY SUPPLY: CONTACT: NEW BUSINESS

PHONE: NEW PHONE COMPANY: COMMONWEALTH EDISON

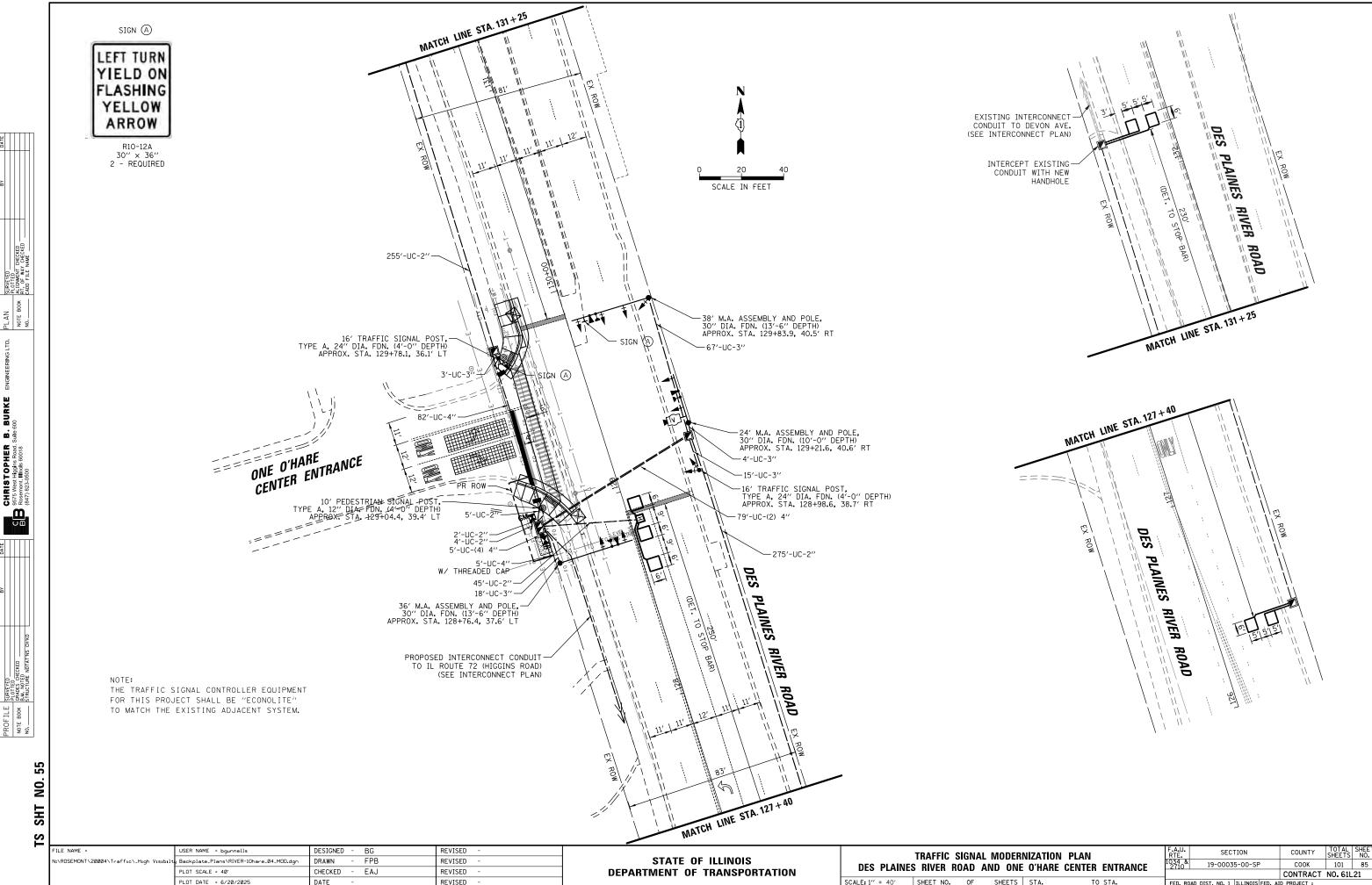
120

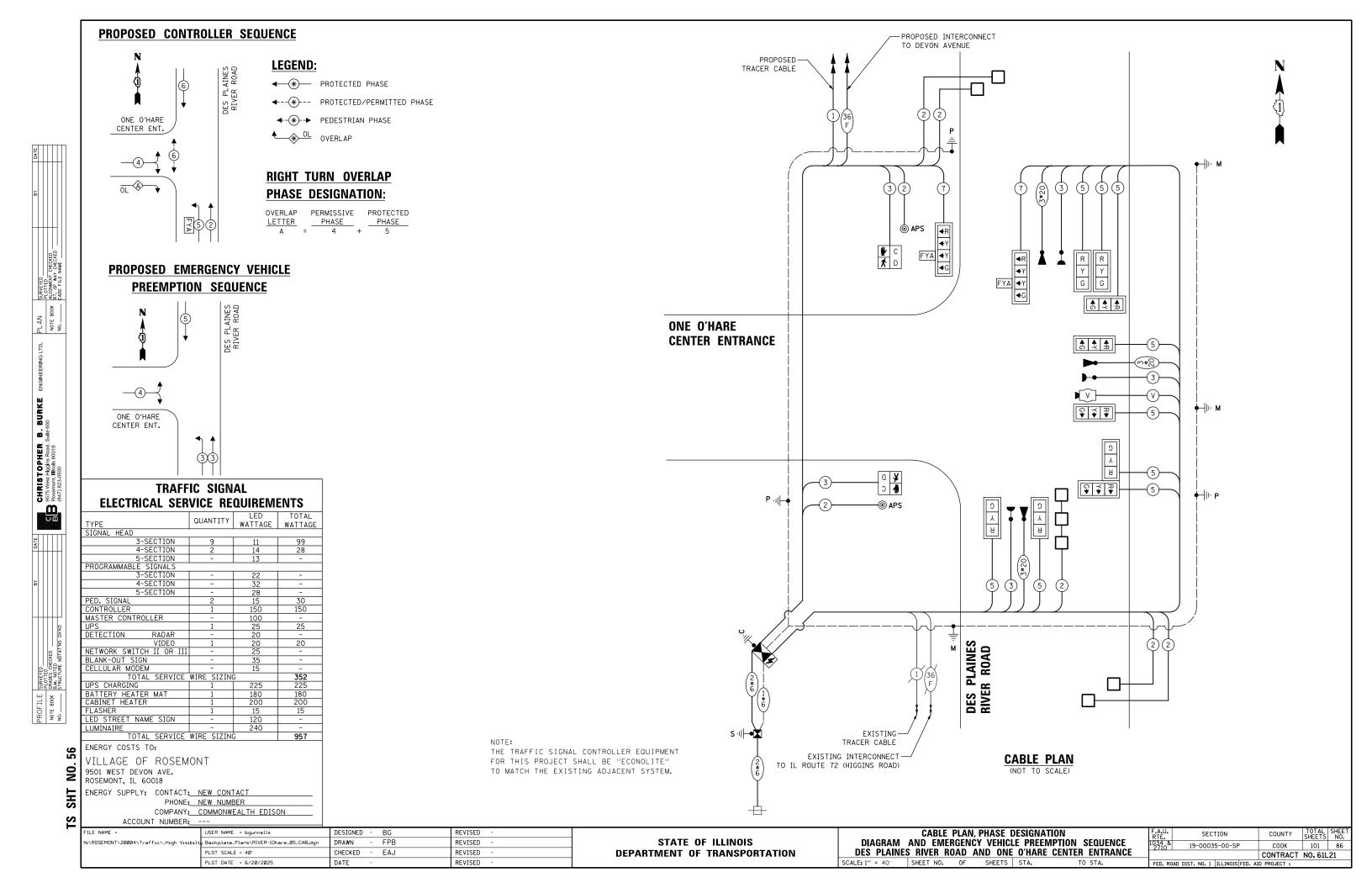
250

50 TOTAL =

597.1

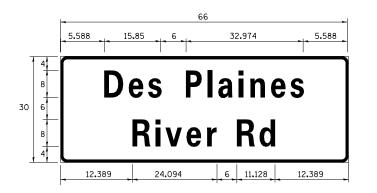
ACCOUNT NUMBER:											
FILE NAME =	USER NAME = bgunnells	DESIGNED - BG	REVISED -		TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM	F.A.U.	SECTION	COUNTY	TOTAL	SHEE	źΤ
N:\ROSEMONT\20004\Traffic_High Visibilt	Backplate_Plans\RIVER-10hare_03_TCB.dgn	DRAWN - FPB	REVISED -	STATE OF ILLINOIS	AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE	1034 & 2710	19-00035-00-SP	СООК	101	84	<u> </u>
	PLOT SCALE = 40'	CHECKED - EAJ	REVISED -	DEPARTMENT OF TRANSPORTATION	DES PLAINES RIVER ROAD AND ONE O'HARE ENTRANCE	2110	10 00000 00 0.	CONTRACT	NO. 61	1L21	_
	PLOT DATE = 6/20/2025	DATE -	REVISED -		SCALE: 1" = 40' SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DI	IST. NO. 1 ILLINOIS FED.	AID PROJECT :			



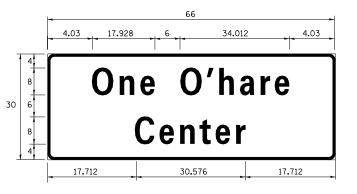


SIGN PANEL - TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	13.75	2	ZZ	1



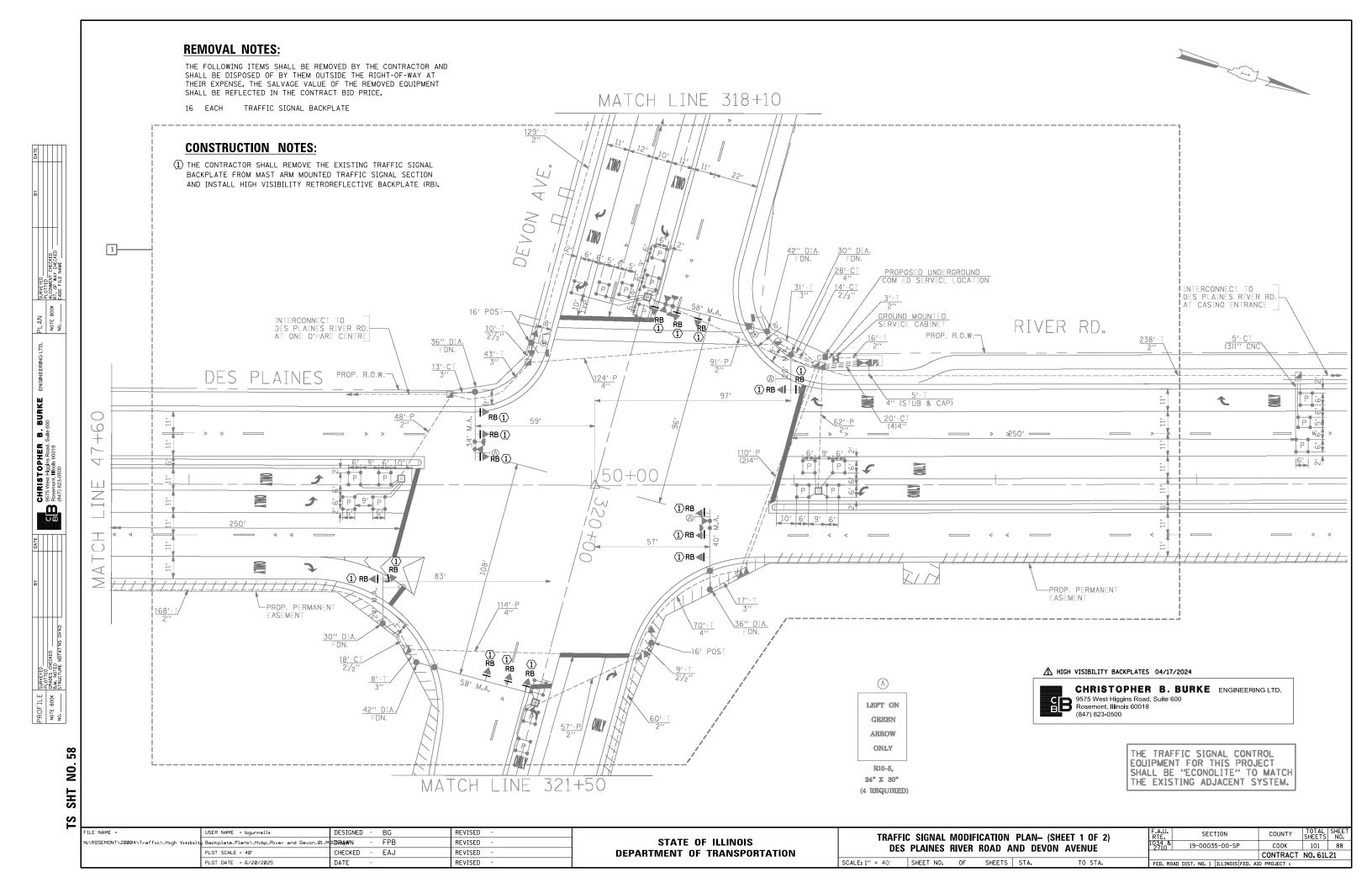
DESIGN	AREA	SIGN PANEL	SHEETING	QTY.
SERIES	(SQ FT)	TYPE	TYPE	REQUIRED
D	13.75	2	ZZ	2

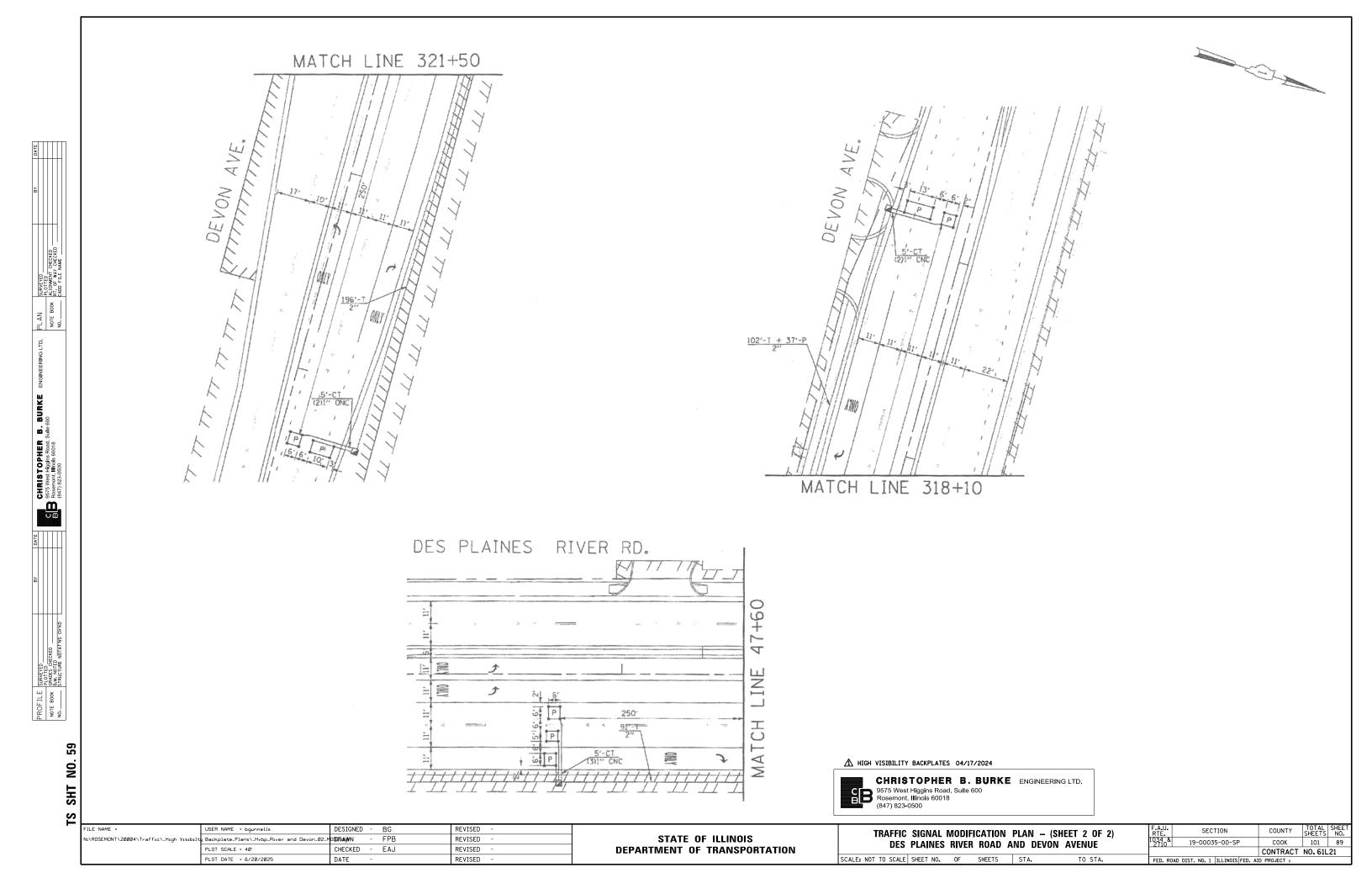
NOTE: FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGN DETAIL.

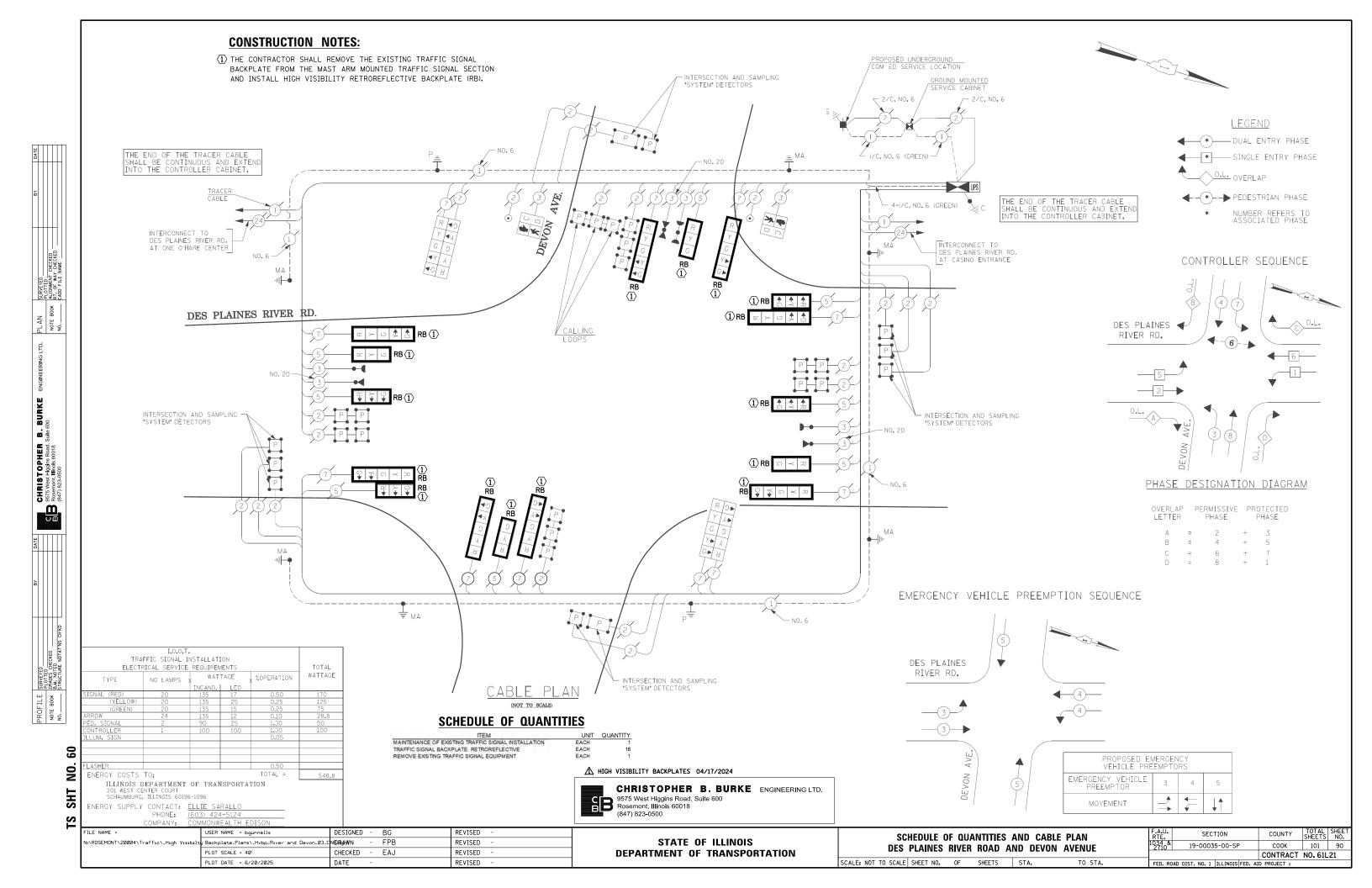
SCHEDULE OF QUANTITIES

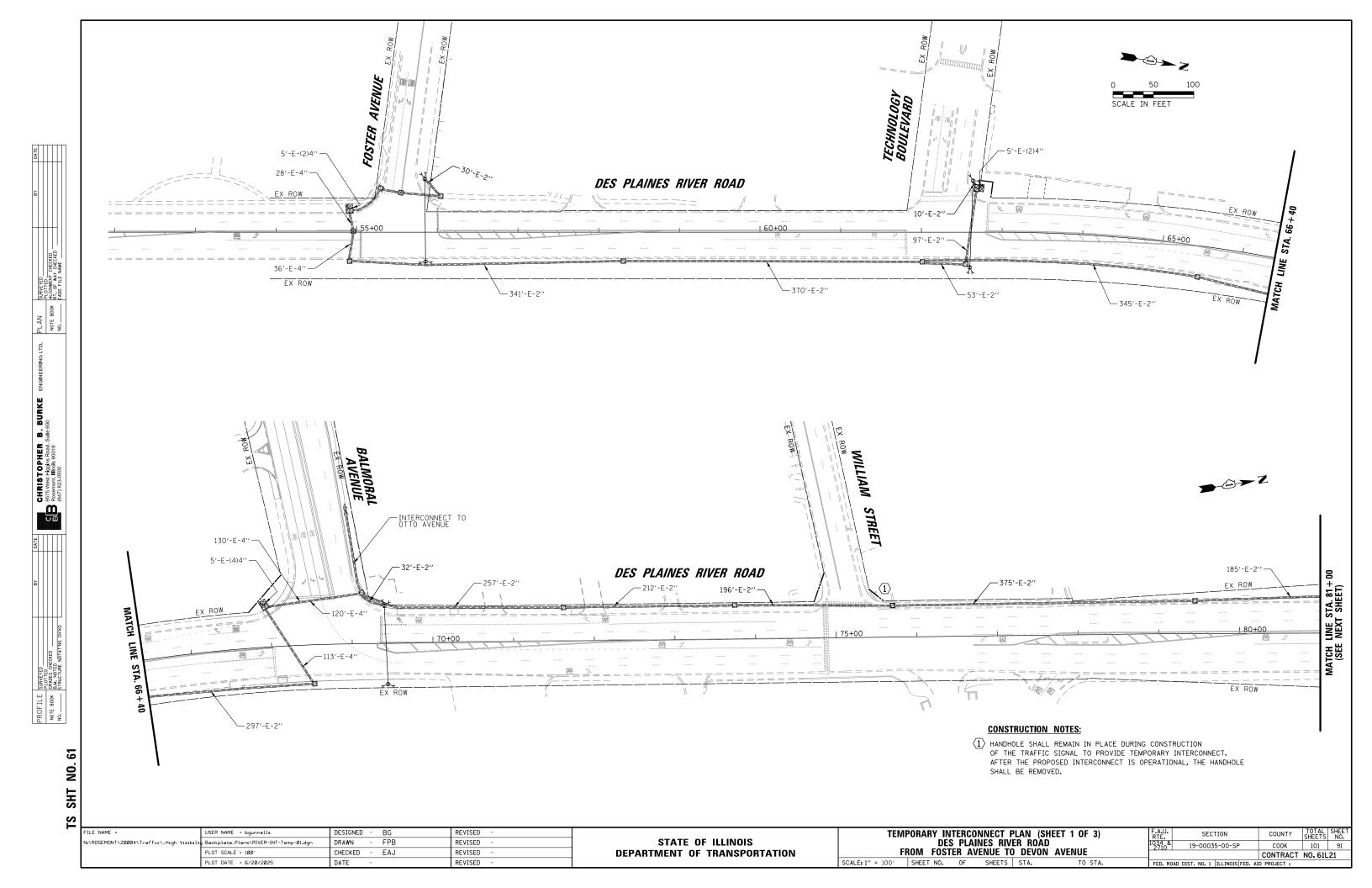
ITEM	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQ FT	15
SIGN PANEL - TYPE 2	SQ FT	42
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	586
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	107
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	265
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	160
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	651
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1384
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	364
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	837
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	36
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	635
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE. 24 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	37
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED		1
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	11
INDUCTIVE LOOP DETECTOR	EACH	3
DETECTOR LOOP, TYPE I	FOOT	214
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	i
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	487
[[[[[[[[[[[[[[[[[[[EACH	1
SERVICE INSTALLATION, GROUND MOUNTED, METERED		1
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
VIDEO VEHICLE DETECTION SYSTEM, SINGLE APPROACH	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

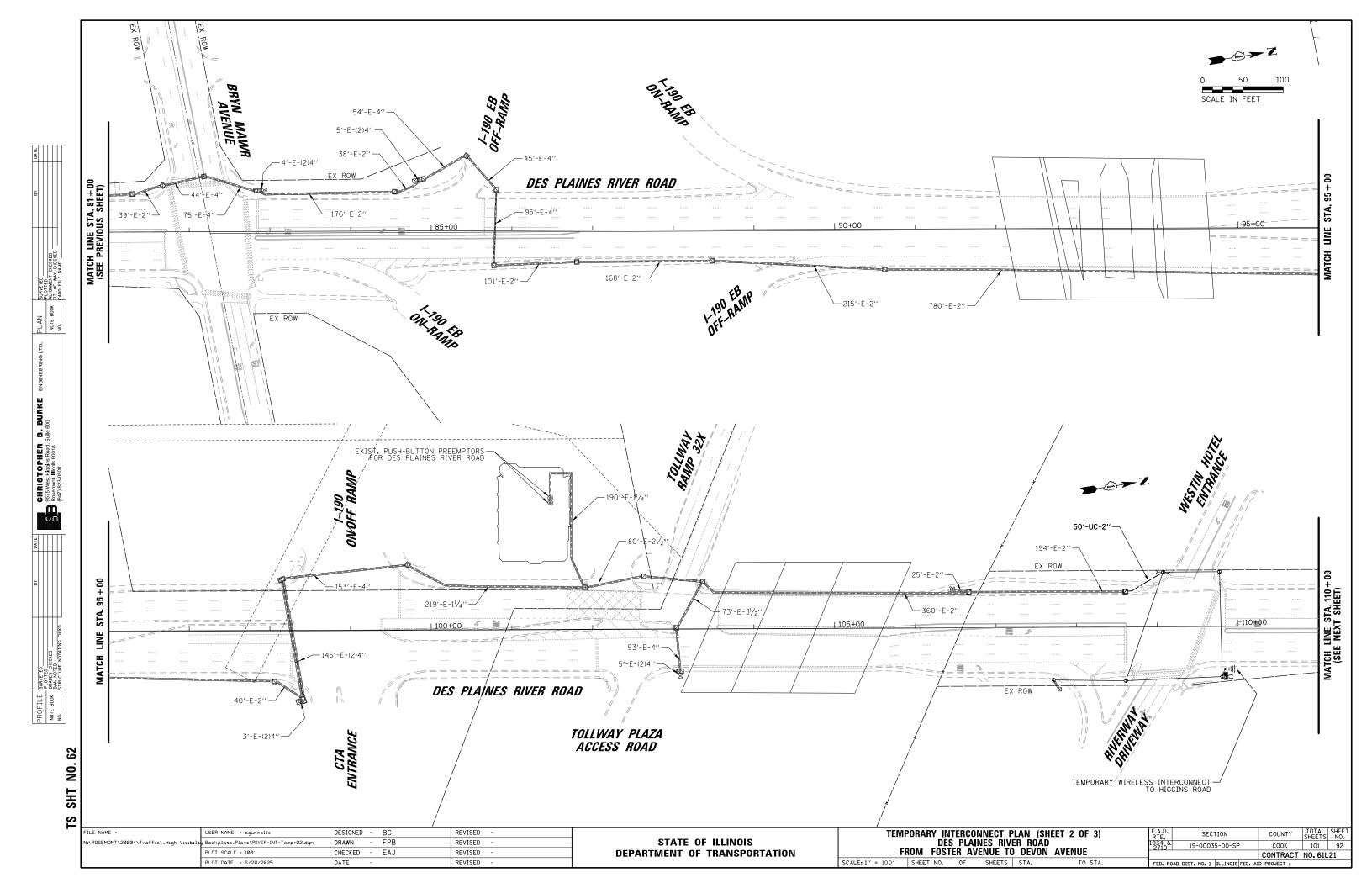
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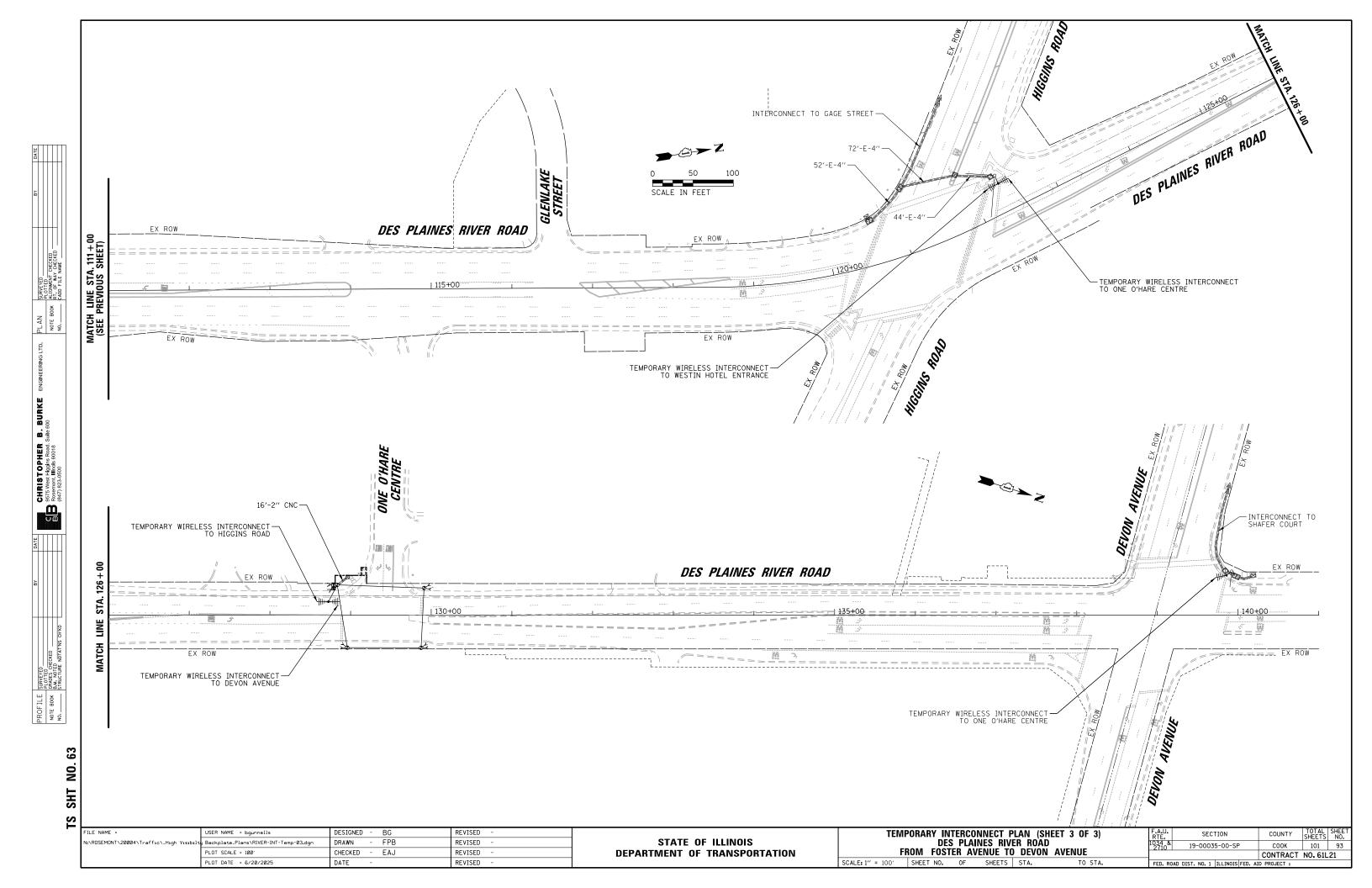


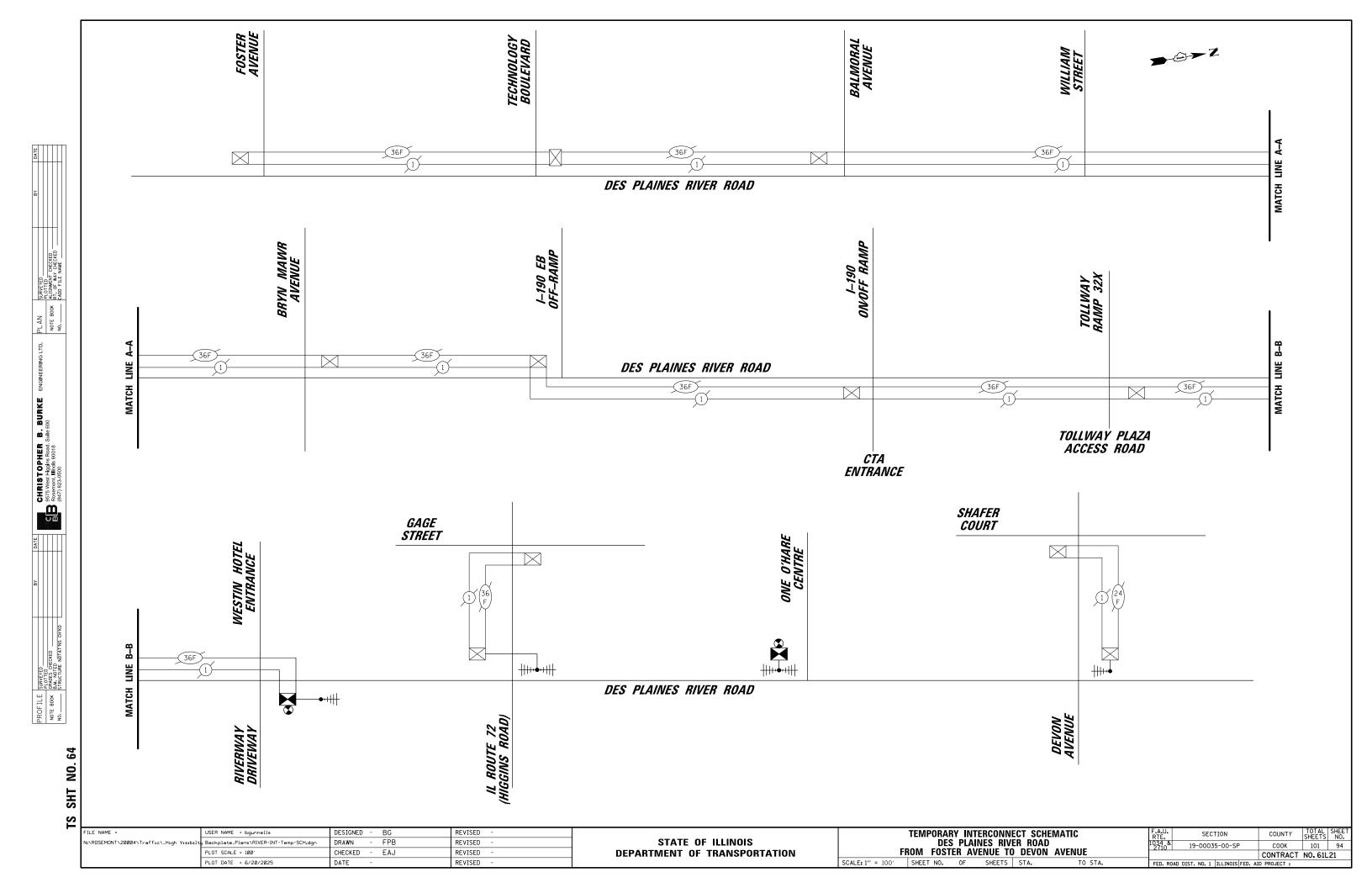


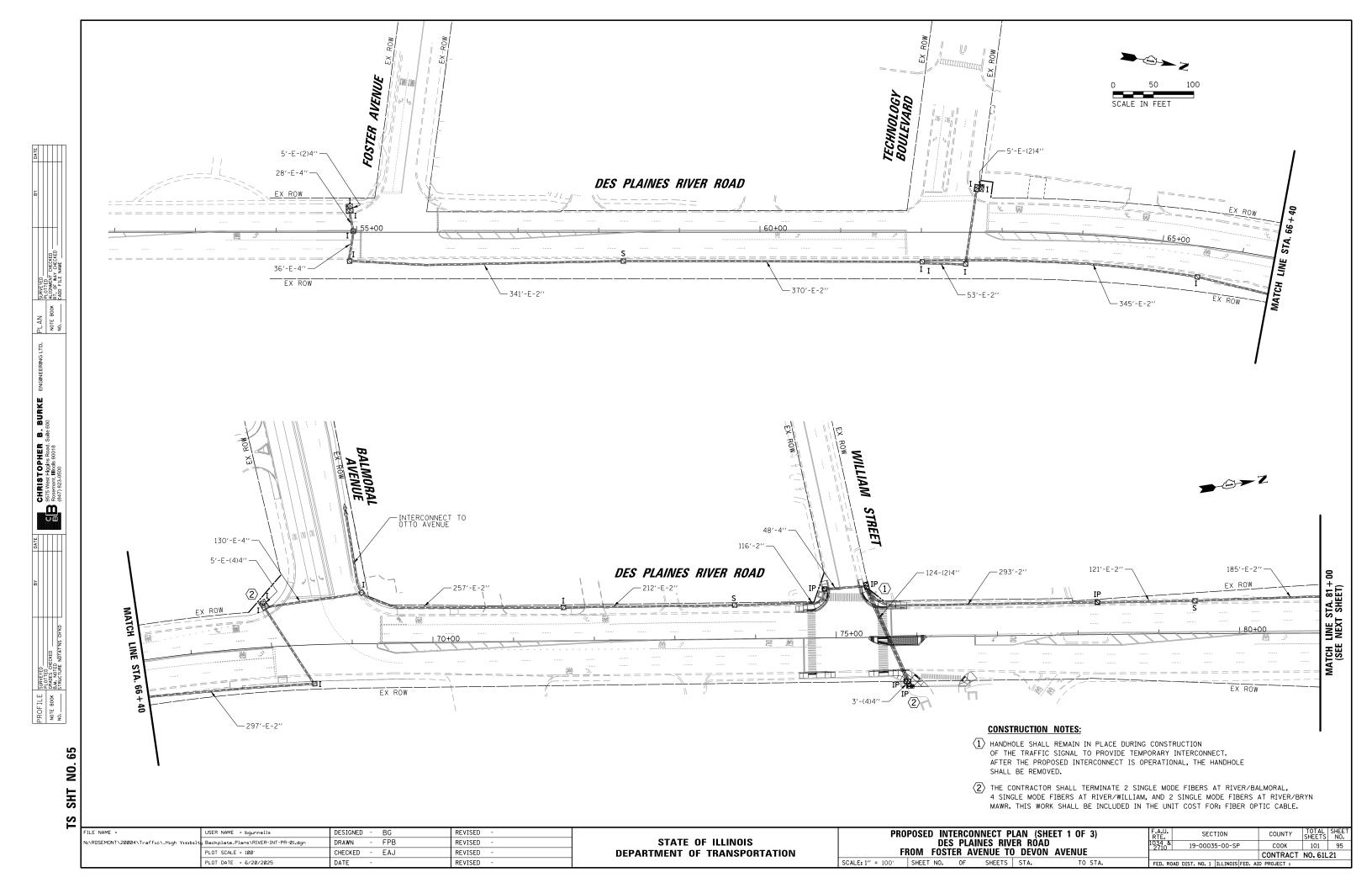


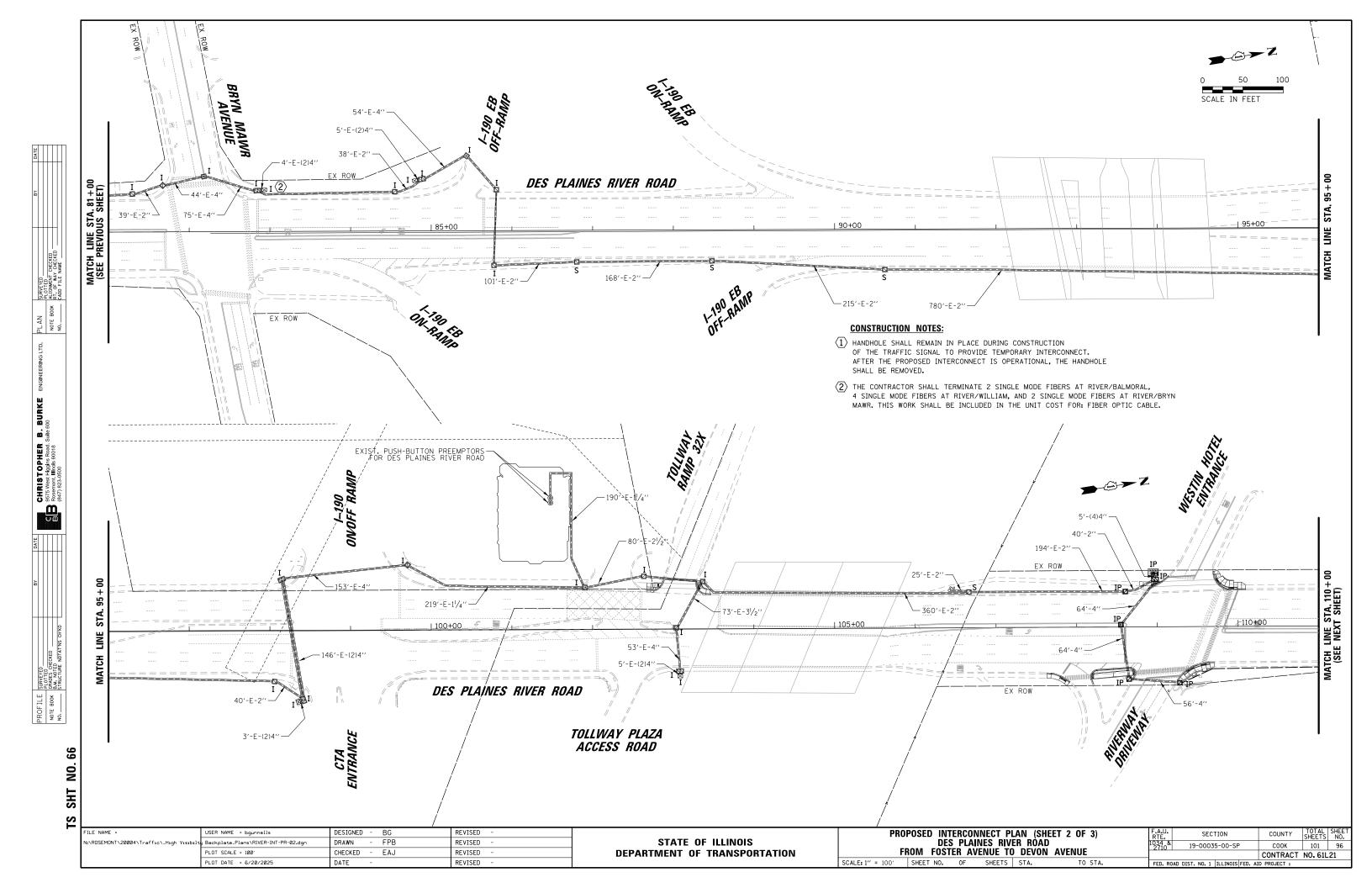


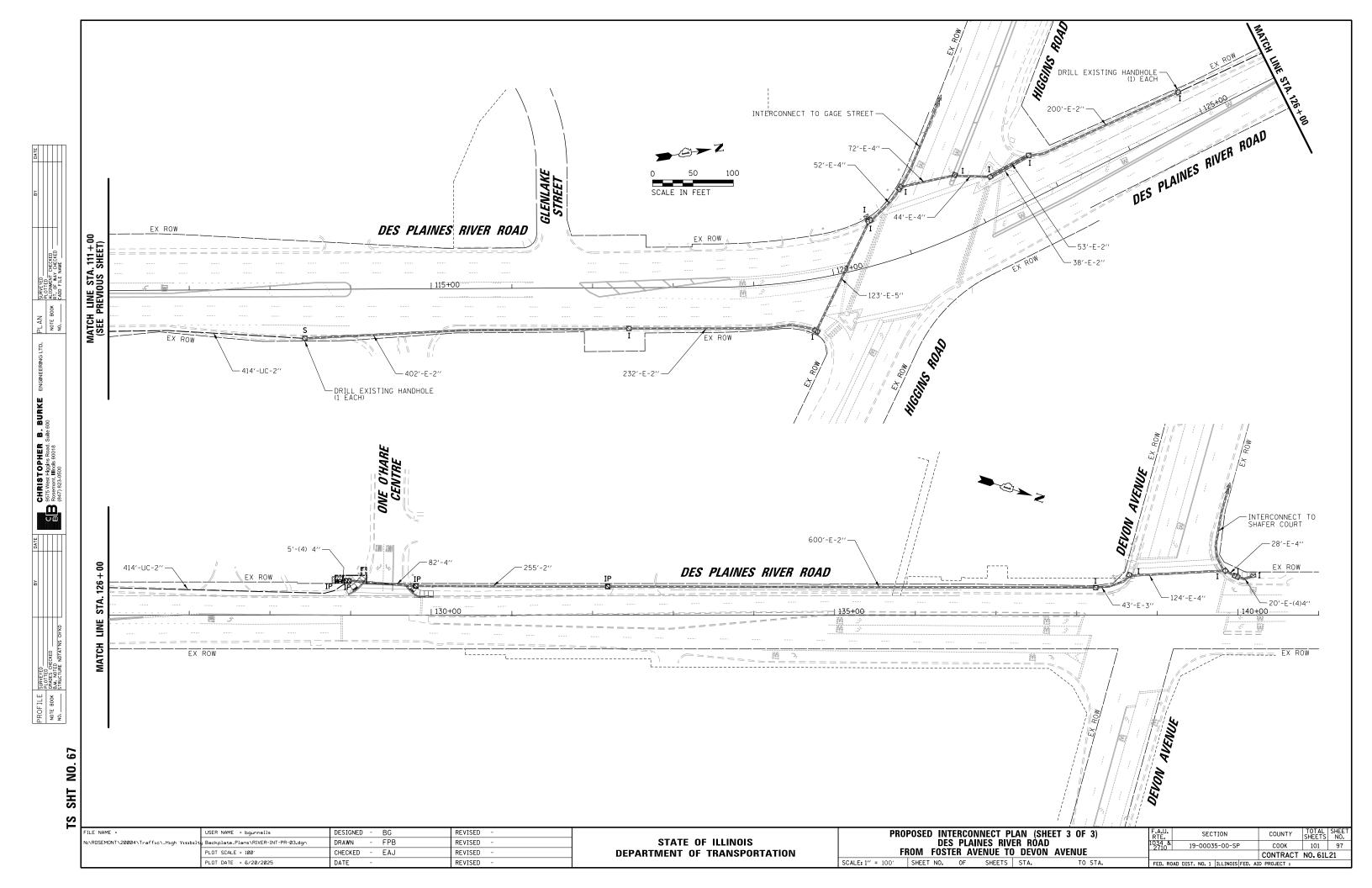


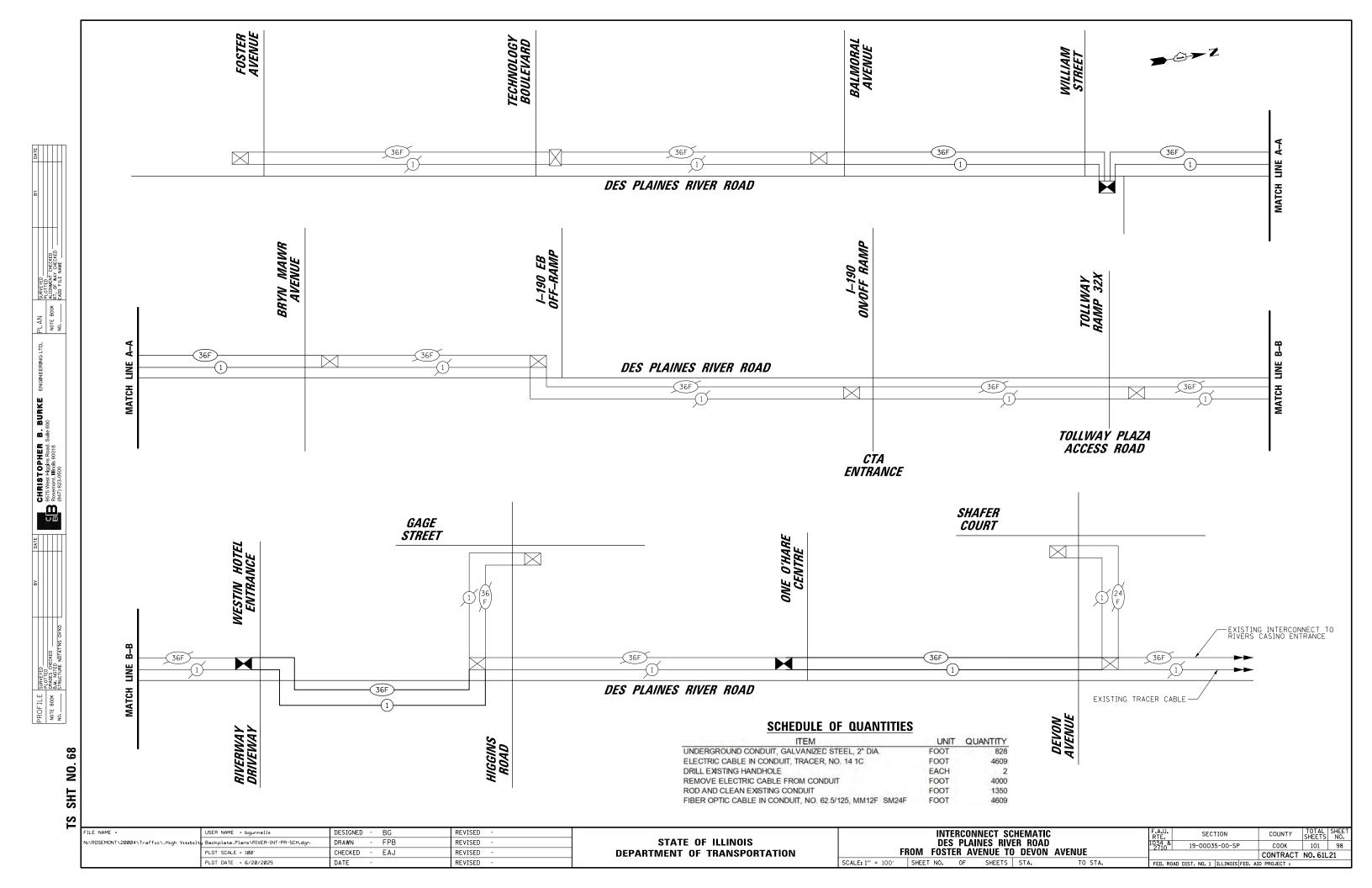


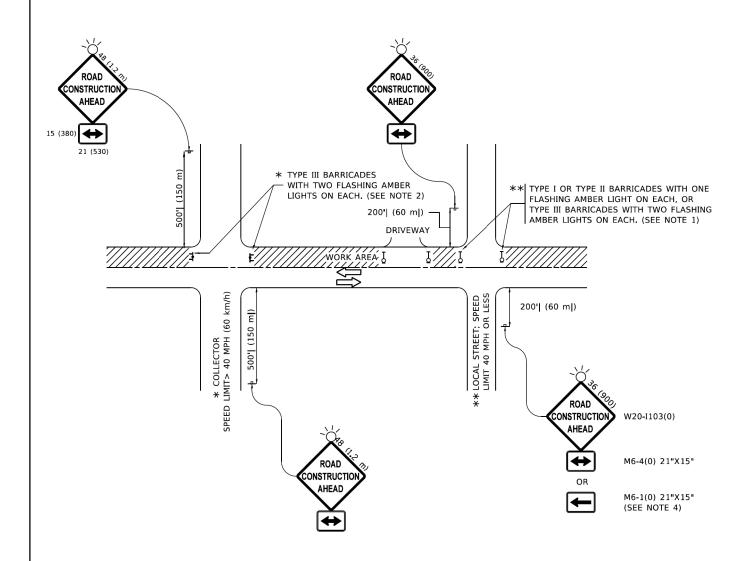












NOTES:

- 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.
- 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.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
 b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION
 OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
 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
- 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
 = Lawrence.DeManche
 DESIGNED
 - L.H.A.
 REVISED
 - T. RAMMACHER 01-06-00

 DRAWN
 REVISED
 - A. SCHUETZE 07-01-13

 PLOT SCALE
 = 100,0000 ' / in.
 CHECKED
 REVISED
 - A. SCHUETZE 09-15-16

 PLOT DATE
 = 5/3/2024
 DATE
 - 06-89
 REVISED
 - D. SENDERAK 05-03-24

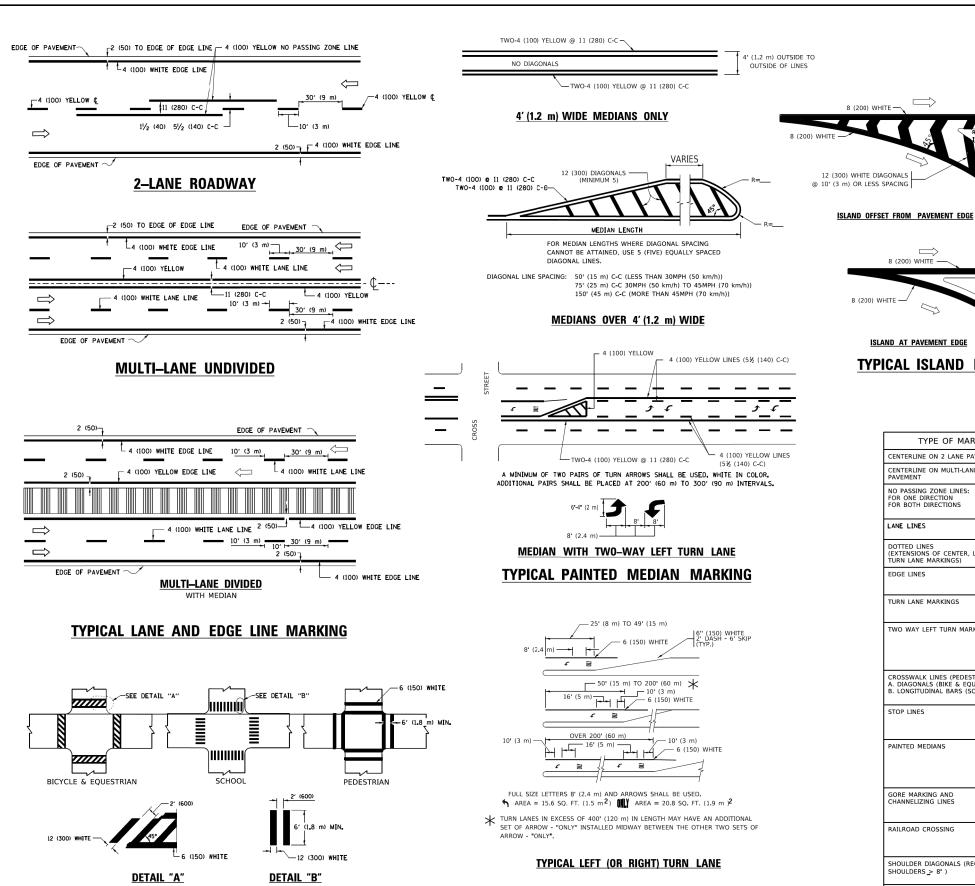
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

| SHEET 1 OF 1 SHEETS STA. TO STA

F.A. RTE. SECTION COUNTY TOTAL SHEETS NO.
034 & 19-00035-00-SP COOK 101 99

TC-10 CONTRACT NO61L21



TYPICAL TURN LANE MARKING

D(FT) SPEED LIMIT 665 50 750 **COMBINATION** LEFT AND U-TURN 2 (50) 5'-4" (1620) (50)

LANE REDUCTION TRANSITION

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

TYPE OF MARKING WIDTH OF LINE PATTERN COLOR SPACING / REMARKS CENTERLINE ON 2 LANE PAVEMENT NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS 5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN 4 (100) 2 @ 4 (100) LANE LINES SKIP-DASH SKIP-DASH 10' (3 m) LINE WITH 30' (9 m) SPACE (125) ON FREEWAYS DOTTED LINES SAME AS LINE BEING EXTENDED SKIP-DASH SAME AS LINE BEING EXTENDED 2' (600) LINE WITH 6' (1.8 m) SPACE (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS) EDGE LINES 4 (100) SOLID YELLOW-LEFT WHITE-RIGHT OUTLINE MEDIANS IN YELLOW 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m)) TURN LANE MARKINGS SOLID SEE TYPICAL TURN LANE MARKING DETAIL WHITE TWO WAY LEFT TURN MARKING 2 @ 4 (100) EACH DIRECTION YELLOW 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (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) NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS. 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 STOP LINES 24 (600) SOLID WHITE PAINTED MEDIANS 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. 2 @ 4 (100) WITH 12 (300) DIAGONALS SOLID YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS 8 (200) WITH 12 (300) DIAGONALS @ 45° SOLID 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)) 24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X" RAILROAD CROSSING SOLID WHITE SEE STATE STANDARD 780001 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)) SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS > 8') WHITE - RIGHT YELLOW - LEFT 12 (300) @ 45° U TURN ARROW SEE DETAIL SOL TO WHITE 2 ARROW COMBINATION LEFT AND U TURN 30.4 SF

40 (1020)

U_TURN

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

SCALE: NONE

8 (200) WHITE -

ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

8 (200) WHITE -

RAISED

unless otherwise shown.

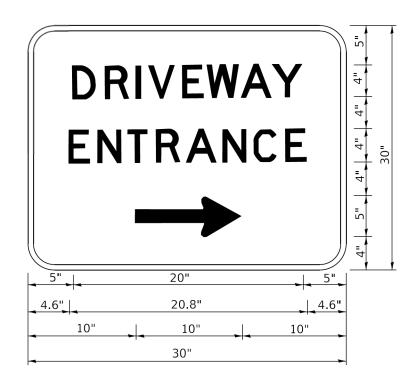
USER NAME = footemj DESIGNED -EVERS REVISED - C. JUCIUS 09-09-09 DRAWN REVISED - C. JUCIUS 07-01-13 CHECKED REVISED -PLOT SCALE = 50.0000 ' / in C. JUCIUS 12-21-15 DATE

TYPICAL CROSSWALK MARKING

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

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TOTAL SHEET NO. 101 100 COUNTY DISTRICT ONE 19-00035-00-SP COOK TYPICAL PAVEMENT MARKINGS CONTRACT NO.61L21 OF 2 SHEETS STA. SHEET 1



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".

 USER NAME
 leysa
 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

SCALE: NONE