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SHEET NUMBER			01/STR/OT	ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
43	44	46-47							
TRAFFIC CONTROL									
	39.2		39.2	630	02100	39.2	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	
	43.2		43.2	630	03100	43.2	FT	GROUND MOUNTED SUPPORT, NO. 3 POST	
	2		2	630	79101	2	EACH	SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN	39
	60.0		60.0	630	80100	60.0	SF	SIGN, FLAT SHEET	
	2		2	630	84900	2	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	
0.18			0.18	644	00104	0.18	MILE	EDGE LINE, 6"	
0.06			0.06	644	00300	0.06	MILE	CENTER LINE	
515			515	644	00400	515	FT	CHANNELIZING LINE, 8"	
83			83	644	00500	83	FT	STOP LINE	
8			8	644	01300	8	EACH	LANE ARROW	
TRAFFIC SIGNALS									
	140		140	611	00400	140	FT	4" CONDUIT, TYPE E	40
	55		55	625	25402	55	FT	CONDUIT, 2", 725.05	
	68		68	625	25502	68	FT	CONDUIT, 3", 725.05	
	24		24	625	25602	24	FT	CONDUIT, 4", 725.05	
	242		242	625	25904	242	FT	CONDUIT, JACKED OR DRILLED, 4", 725.05	
	135		135	625	29000	135	FT	TRENCH	
	6		6	625	30700	6	EACH	PULL BOX, 725.08, 18"	
	1		1	625	30706	1	EACH	PULL BOX, 725.08, 24"	
	3		3	625	32000	3	EACH	GROUND ROD	
	6		6	632	05007	6	EACH	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	40
	2		2	632	05087	2	EACH	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	40
	8		8	632	25000	8	EACH	COVERING OF VEHICULAR SIGNAL HEAD	
	811		811	632	40700	811	FT	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	
	2		2	632	64010	2	EACH	SIGNAL SUPPORT FOUNDATION	
	135		135	632	68200	135	FT	POWER CABLE, 2 CONDUCTOR, NO. 6 AWG	
	1		1	632	70000	1	EACH	POWER SERVICE	
	2		2	632	71372	2	EACH	SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 10 POLE, WITH MAST ARMS TC-81.22 DESIGN 13 AND DESIGN 13	
	1		1	632	90100	1	EACH	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	39
	2		2	632	90400	2	EACH	SIGNALIZATION, MISC.: FOUNDATION TEST HOLE	40
	1		1	633	65511	1	EACH	CABINET, TYPE TS-2, AS PER PLAN	40
	1		1	633	67100	1	EACH	CABINET FOUNDATION	
	1		1	633	67200	1	EACH	CONTROLLER WORK PAD	
	1		1	633	75001	1	EACH	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	40
	4		4	809	69000	4	EACH	ADVANCE RADAR DETECTION	
	4		4	809	69100	4	EACH	STOP LINE RADAR DETECTION	
	1		1	809	69123	1	EACH	ATC V6.24 CONTROLLER, AS PER PLAN	40

REVISION TABLE

NO.	DATE	COMMENT
1	4/8/2021	SEVERAL QUANTITIES UPDATED

p:\aecom-na-pw\Bentley.com\AECOM_D520_NA_2019\Documents\60584726-0001_D7GES\900-Task Orders\Task TG CLA-41-12.04\110165\Design\Signals\Sheets\110165_CS001_Clouded.dgn 4/8/2021 4:05:51 PM ali.azmi

SHEET NO.	REFERENCE NO.	STATION		SIDE	611	625	625	625	625	625	625	625	632	632	632	632	632			
		FROM	TO		4" CONDUIT, TYPE E	CONDUIT, 2", 725.05	CONDUIT, 3", 725.05	CONDUIT, 4", 725.05	CONDUIT, 4", JACKED OR DRILLED, 725.05	TRENCH	PULL BOX, 725.08, 18"	PULL BOX, 725.08, 24"	GROUND ROD	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	COVERING OF VEHICULAR SIGNAL HEAD	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	SIGNAL SUPPORT FOUNDATION		
					FT	FT	FT	FT	FT	FT	EACH	EACH	EACH	EACH	EACH	EACH	FT	EACH		
48	C1	637+12	637+12	RT.																
48	PB-1	637+12	637+01	RT.	20			24		12		1								
48	SP-1	637+01	637+04	RT.			20			20			1						1	
48	PB-2	637+12	637+13	RT.	20	7				7		1								
48	PB-3	637+13	637+13	LT.	20			75				1								
48	PB-4	637+13	637+13	LT.	20	43				43		1								
48	SP-2	635+71	635+77	LT.			20			20			1						1	
48	PB-7	635+91	635+71	LT.	20			85				1								
48	PB-6	635+71	635+91	RT.	20		28			28		1								
48	PB-5	637+01	636+17	RT.	20			82				1								
48	POWER	637+13	637+13			5				5										
48		VEH SIG 2B	VEH SIG 2A	SP-2									1			1		21		
48		C1	VEH SIG 2B											1		1		271		
48		C1	RD6																	
48		C1	DZR6																	
48		C1	VEH SIG 8A										1			1		285		
48		VEH SIG 8A	VEH SIG 8B										1			1		21		
48		C1	RD4																	
48		C1	DZR4																	
48		C1	VEH SIG 4A	SP-1											1	1		84		
48		VEH SIG 4A	VEH SIG 4B										1			1		22		
48		C1	RD8																	
48		C1	DZR8																	
48		C1	VEH SIG 6A										1			1		23		
48		VEH SIG 6A	VEH SIG 6B										1			1		84		
48		C1	RD2																	
48		C1	DZR2																	
REVISION TABLE																				
					NO.	DATE	COMMENT													
					1	4/8/2021	QUANTITIES UPDATED													
					2	4/8/2021	ITEMS USED TO BE ON PAGE 47													
SUBTOTAL					140	55	68	24	242	135	6	1	3	6	2	8	811	2		
TOTALS CARRIED TO TRAFFIC CONTROL AND TRAFFIC SIGNAL GENERAL SUMMARY					140	55	68	24	242	135	6	1	3	6	2	8	811	2		

CALCULATED
PMC
CHECKED
MAW

TRAFFIC SIGNAL SUBSUMMARY

CLA-41-12.04

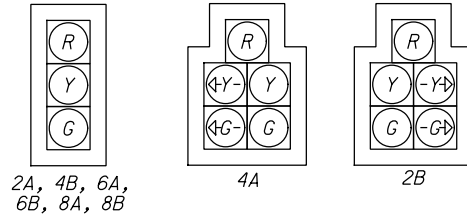
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SHEET NO.	REFERENCE NO.	STATION		SIDE	1	632	632	632	632	632	633	633	633	633	809	809	809
		FROM	TO			FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
48	C1	637+12	637+12	RT.					1		1	1	1	1			1
48	PB-1	637+12	637+01	RT.													
48	SP-1	637+01	637+04	RT.				1		1							
48	PB-2	637+12	637+13	RT.													
48	PB-3	637+13	637+13	LT.													
48	PB-4	637+13	637+13	LT.													
48	SP-2	635+71	635+77	LT.				1		1							
48	PB-7	635+91	635+71	LT.													
48	PB-6	635+71	635+91	RT.													
48	PB-5	637+01	636+17	RT.													
48	POWER	637+13	637+13			135	1										
48		VEH SIG 2B	VEH SIG 2A	SP-2													
48		C1	VEH SIG 2B														
48		C1	RD6												1		
48		C1	DZR6													1	
48		C1	VEH SIG 8A														
48		VEH SIG 8A	VEH SIG 8B														
48		C1	RD4												1		
48		C1	DZR4													1	
48		C1	VEH SIG 4A	SP-1													
48		VEH SIG 4A	VEH SIG 4B														
48		C1	RD8												1		
48		C1	DZR8													1	
48		C1	VEH SIG 6A														
48		VEH SIG 6A	VEH SIG 6B														
48		C1	RD2												1		
48		C1	DZR2													1	
SUBTOTAL						135	1	2	1	2	1	1	1	1	4	4	1
TOTALS CARRIED TO TRAFFIC CONTROL AND TRAFFIC SIGNAL GENERAL SUMMARY						135	1	2	1	2	1	1	1	1	4	4	1

REVISION TABLE

NO.	DATE	SIDE
1	4/8/2021	ITEM MOVED TO PREVIOUS PAGE

SIGNAL HEADS, 12", LED WITH BACKPLATE



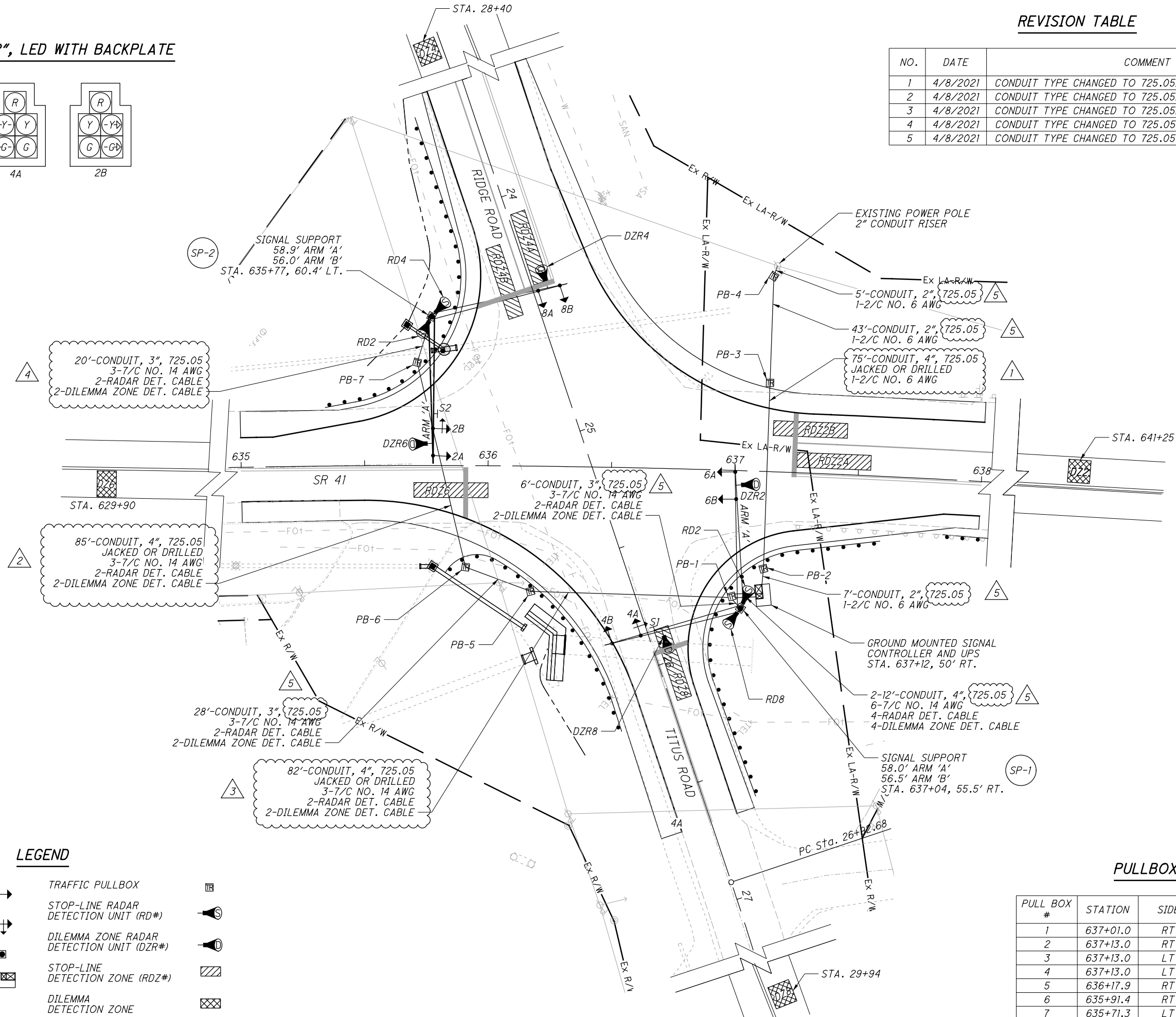
REVISION TABLE

NO.	DATE	COMMENT
1	4/8/2021	CONDUIT TYPE CHANGED TO 725.05/SIZE CHANGED TO 4"
2	4/8/2021	CONDUIT TYPE CHANGED TO 725.05/SIZE CHANGED TO 4"
3	4/8/2021	CONDUIT TYPE CHANGED TO 725.05/SIZE CHANGED TO 4"
4	4/8/2021	CONDUIT TYPE CHANGED TO 725.05/LENGTH CHANGED TO 20'
5	4/8/2021	CONDUIT TYPE CHANGED TO 725.05



**TRAFFIC SIGNAL PLAN
S.R. 41 AND RIDGE / TITUS ROAD**

CLA-41-12.04



LEGEND

- TRAFFIC SIGNAL, 3 UNIT HEAD, 12"
- TRAFFIC SIGNAL, 5 UNIT HEAD, 12"
- SIGNAL SUPPORT POLE
- CONTROLLER CABINET AND WORK PAD (TS-2)
- TRAFFIC PULLBOX
- STOP-LINE RADAR DETECTION UNIT (RD#)
- DILEMMA ZONE RADAR DETECTION UNIT (DZR#)
- STOP-LINE DETECTION ZONE (RDZ#)
- DILEMMA DETECTION ZONE

PULLBOX TABLE

PULL BOX #	STATION	SIDE	OFFSET	SIZE (IN.)
1	637+01.0	RT	51.0	24
2	637+13.0	RT	39.4	18
3	637+13.0	LT	35.9	18
4	637+13.0	LT	79.1	18
5	636+17.9	RT	50.7	18
6	635+91.4	RT	41.1	18
7	635+71.3	LT	41.7	18

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