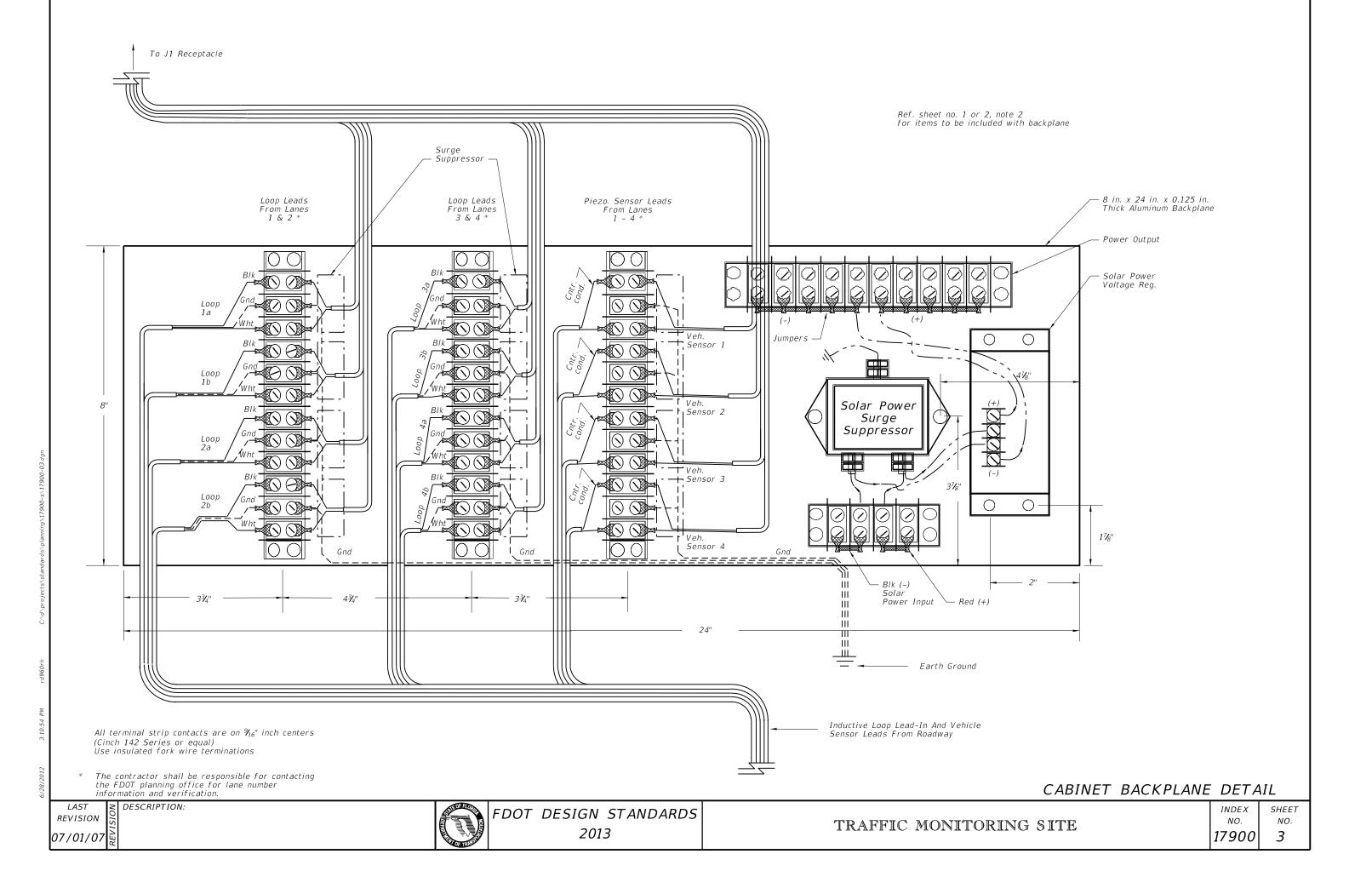
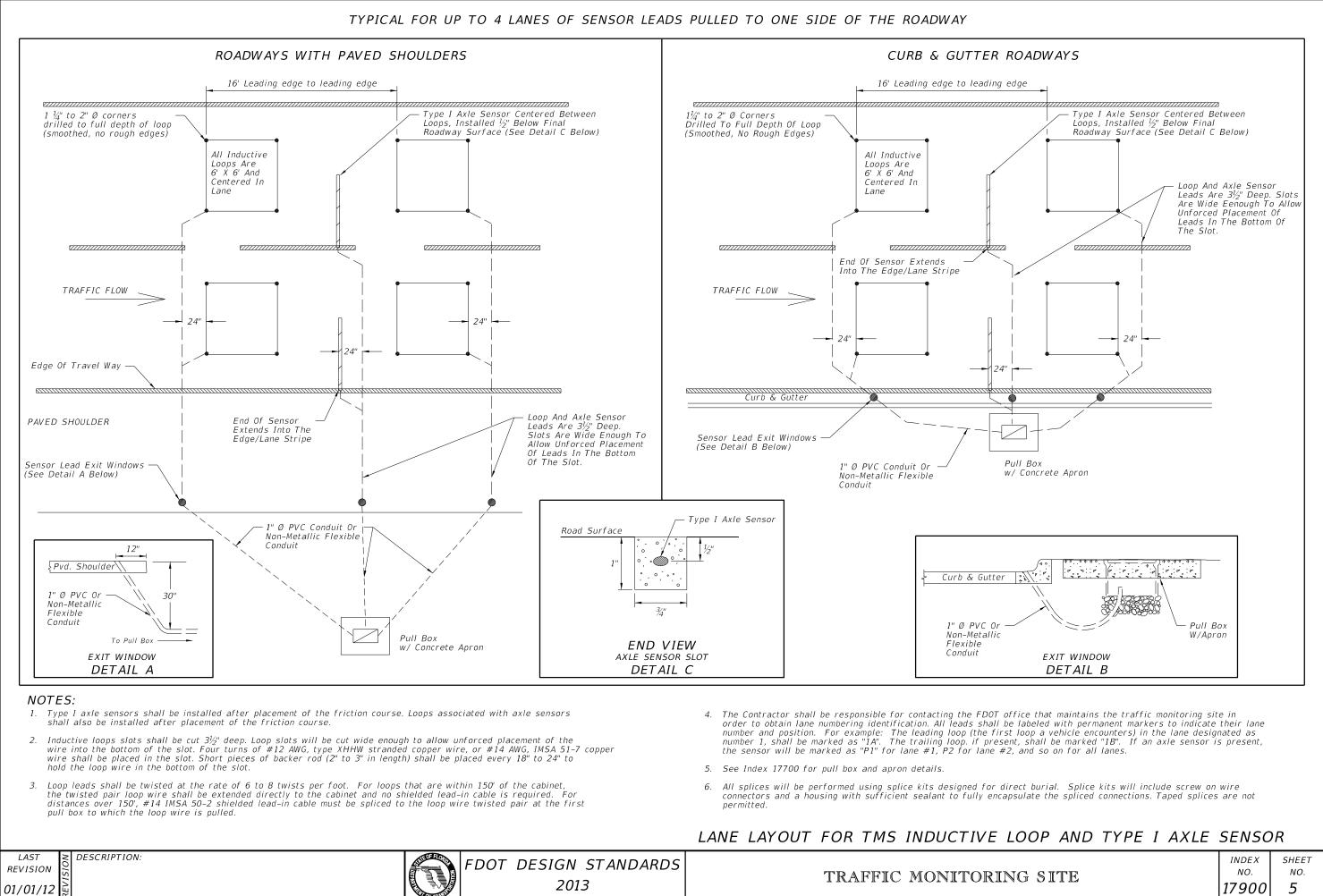


Veh. Speed/ Class. Unit	
P1 Equipment Cable Plug (Lanes 5 Through 8)	
et 4 For Pinout Charts, le And Plug Details. angement For More Than es Monitored By a Single peed/Classification Unit Backplane	
site cabinet includes: hble shelf; ine assemblies (equipped as shown); petacles with mtg. brackets; ed wiring and wiring harnesses. sembly consists of: ve loop terminal strip; sensor terminal strip; terminal strip; anel terminal strip. bur Lanes And Up To Eight Lanes)	
NG SITE INDEX SHEET NO. NO. 17900 2	



Alum. Br (Attach T In Cabin	racket For J1 Recept. To Shelf Mounting Rail et)	— P1 Equipment Cab (Amphenol 28-12 F And MS Type Clar	Ie Plug Fabr	se Cable Ends Must Be ricated To Fit The Vehicle ed/Classification Unit
Recent	ptacle (Amphenol 28-12 W/Male Pins And MS amp, Or Equal.) Cable	P1 Equipment Cable Plug 26 Female Pin Slots	quipment Cable	
	ALoop 1a (5a) yellowBLoop 1a (5a) purpleCLoop 1b (5b) grayDLoop 1b (5b) pinkELoop 2a (6a) brownFLoop 2a (6a) blueGLoop 2b (6b) orangeHLoop 2b (6b) tanJLoop 3a (7a) whiteKLoop 3b (7b) red	A Loop 1a (5a) B Loop 1a (5a) C Loop 1b (5b) D Loop 1b (5b) E Loop 2a (6a) F Loop 2b (6b) H Loop 2b (6b) N Gnd J Loop 3a (7a)	 NOTE: The equipment cable can accommodate up to four lanes of inductive loop and vehicle sensor inputs. (Ref. Sheet No. 1 for cabinet layout) For more than four lanes and up to eight lanes of inputs, the following options are available: 1. A second Vehicle Speed/Class. Unit and separate equipment cable connecting to a second J1 receptacle; or 2. A single Vehicle Speed/Class. Unit capable of up to eight lanes of inputs and a single equipment cable with split ends to fit two J1 receptacles. (Ref. Sheet 2 detail) 	
Wiring To Backplane	M Loop 3b (7b) black N Gnd P Loop 4a (8a) w/yellow R Loop 4a (8a) w/purple S Loop 4b (8b) w/gray T Loop 4b (8b) w/brown U Piezo 1 (5) (+) w/blue V Piezo 1 (5) sh w/orange	K Loop 3a (7a) L Loop 3b (7b) M Loop 3b (7b) P Loop 4a (8a) R Loop 4a (8a) S Loop 4b (8b) T Loop 4b (8b) d Gnd U Piezo 1 (5) (+)	Numbers in parenthesis in the pinout chart identify lane numbers when a second backplane for lanes 5 through 8 is required. NOTE: The contractor shall be responsible for contacting the FDOT planning office for lane number information and verification.	
	W Piezo 2 (6) (+) w/green X Piezo 2 (6) sh w/red Y Piezo 3 (7) (+) w/black Z Piezo 3 (7) sh w/red/blk a Piezo 4 (8) (+) red/green b Piezo 4 (8) sh red/yellow d Gnd red/black	V Piezo 1 sh W Piezo 2 (6) (+) X Piezo 2 sh Y Piezo 3 (7) (+) Z Piezo 3 sh a Piezo 4 (8) (+) b Piezo 4 sh		EQUIPMENT CABLE DETAIL
LAST DESCRIF REVISION 05 07/01/07	PTION:	FDOT DESIGN STANDARDS 2013	TRAFFIC MONITORING SIT	E INDEX SHEET NO. NO. 17900 4

07



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