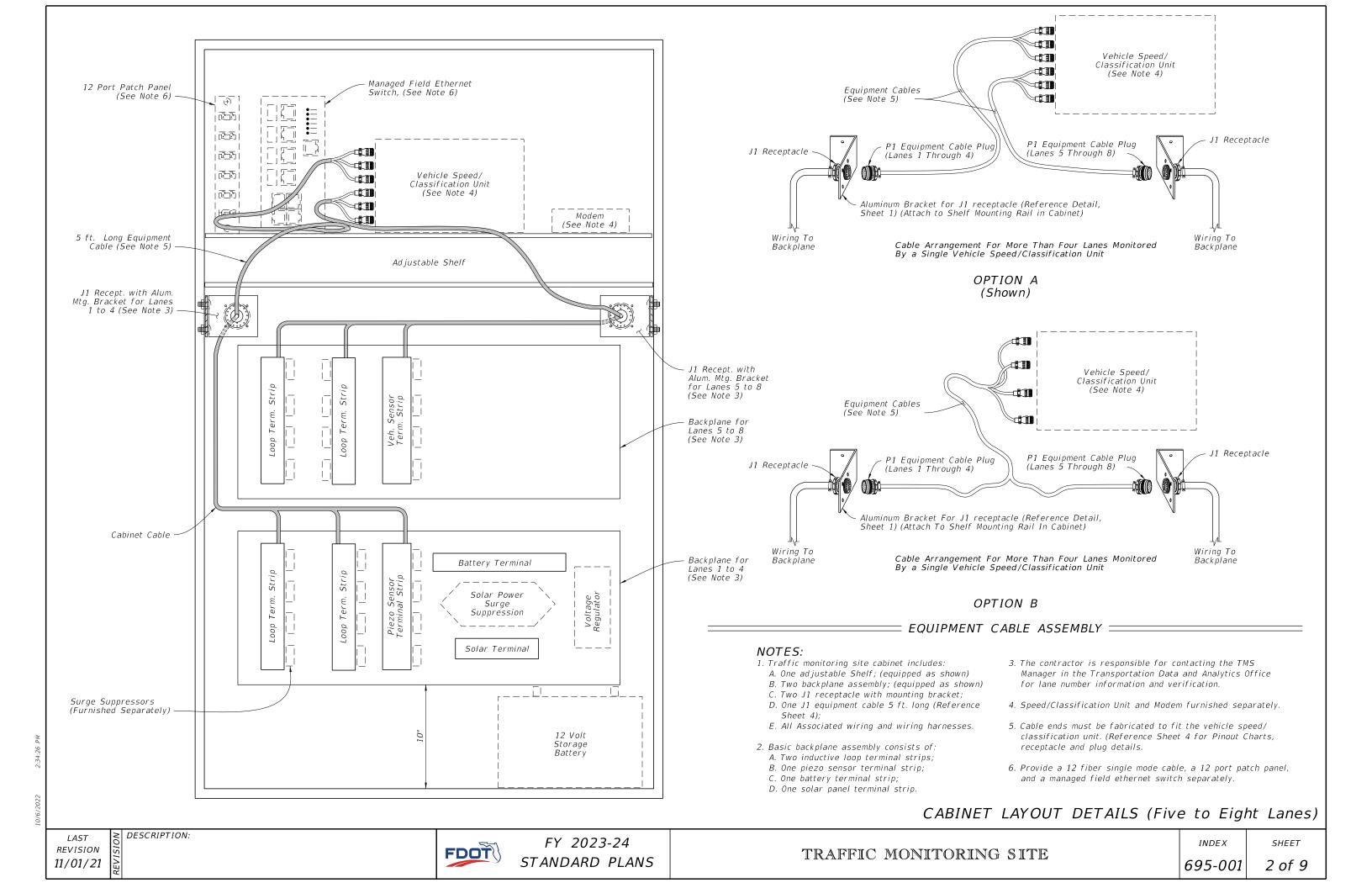
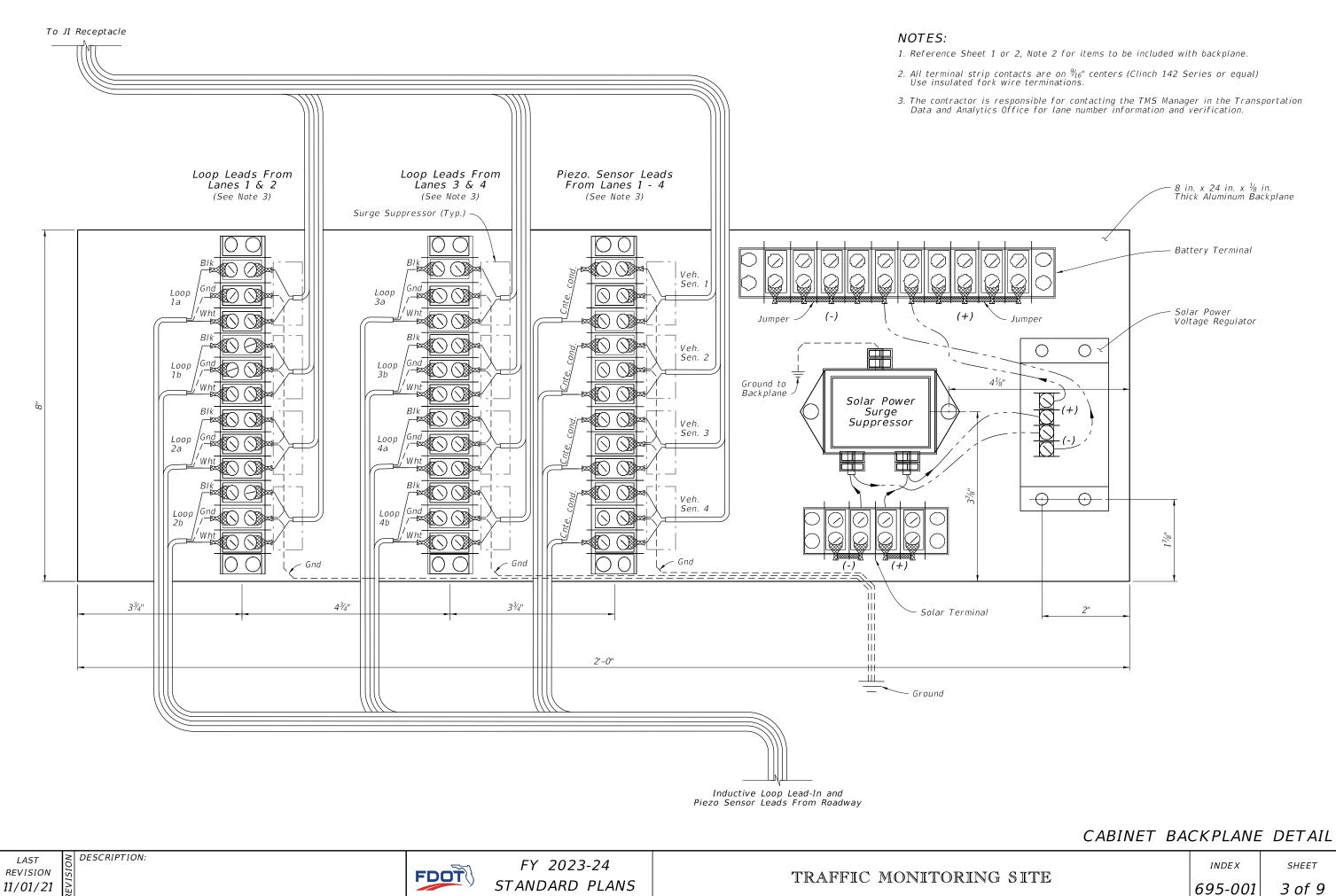


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J1 Receptacle (Amphenol 28-12 Recept, with Male Pins and MS Type Clamp, or Equal.) Cabinet Cable	Aluminum Bracket for J1 F (Attach to Shelf Mounting) P1 Equipment Cable (Amphenol 28-12 Pl and MS Type Clamp	Plug Plug ug with Female Pin Slots or Equal.) — Equipment Cables

J1 RECEPTACLE PINOUT 26 Recessed Male Pins

Loop 1a (5a) white

Loop 1a (5a) black

Loop 1b (5b) red

Loop 1b (5b) black

Loop 2a (6a) green

Loop 2a (6a) blue

Loop 2b (6b) tan

Loop 3a (7a) white

Loop 3a (7a) green

Loop 3b (7b) red

Loop 3b (7b) black

Loop 4a (8a) w/white

Loop 4a (8a) w/black

Loop 4b (8b) w/red

Loop 4b (8b) w/green

Piezo 1 (5) (+) w/blue

Piezo 1 (5) sh w/orange

Piezo 2 (6) (+) w/green

Piezo 2 (6) sh w/red

Piezo 3 (7) (+) w/black

Piezo 3 (7) sh w/red/blk

Piezo 4 (8) (+) red/ green

Piezo 4 (8) sh red/white

Gnd green

Loop 2b (6b) orange

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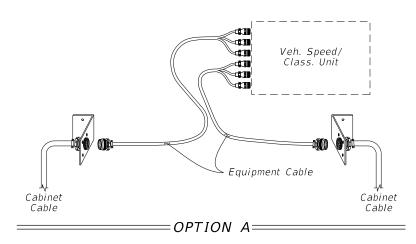
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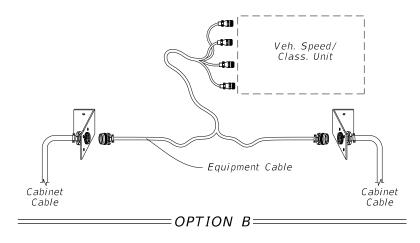
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Gnd





NOTES:

- and verification.
- options are available:
- J1 receptacles. (Reference Sheet 2 detail)
- 4. Numbers in parenthesis in the a second backplane for lanes
- 5. Cable Ends must be fabricate









J1 EQUIPMENT CABLE PLUG

26 Female Pin Slots

Loop 1a (5a)

Loop 1a (5a)

Loop 1b (5b)

Loop 1b (5b)

Loop 2a (6a)

Loop 2a (6a)

Loop 2b (6b) Loop 2b (6b)

Loop 3a (7a)

Loop 3b (7b)

Loop 3b (7b)

Loop 3b (7b)

Loop 4a (8a) Loop 4a (8a)

Loop 4b (8b)

Loop 4b (8b)

Piezo 1 (5) (+)

Piezo 2 (6) (+)

Piezo 3 (7) (+)

Piezo 4 (8) (+)

Piezo 1 sh

Piezo 2 sh

Piezo 3 sh

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TRAFFIC MONITORING

1. The contractor is responsible for contacting the TMS Manager in the Transportation Data and Analytics Office for lane number information

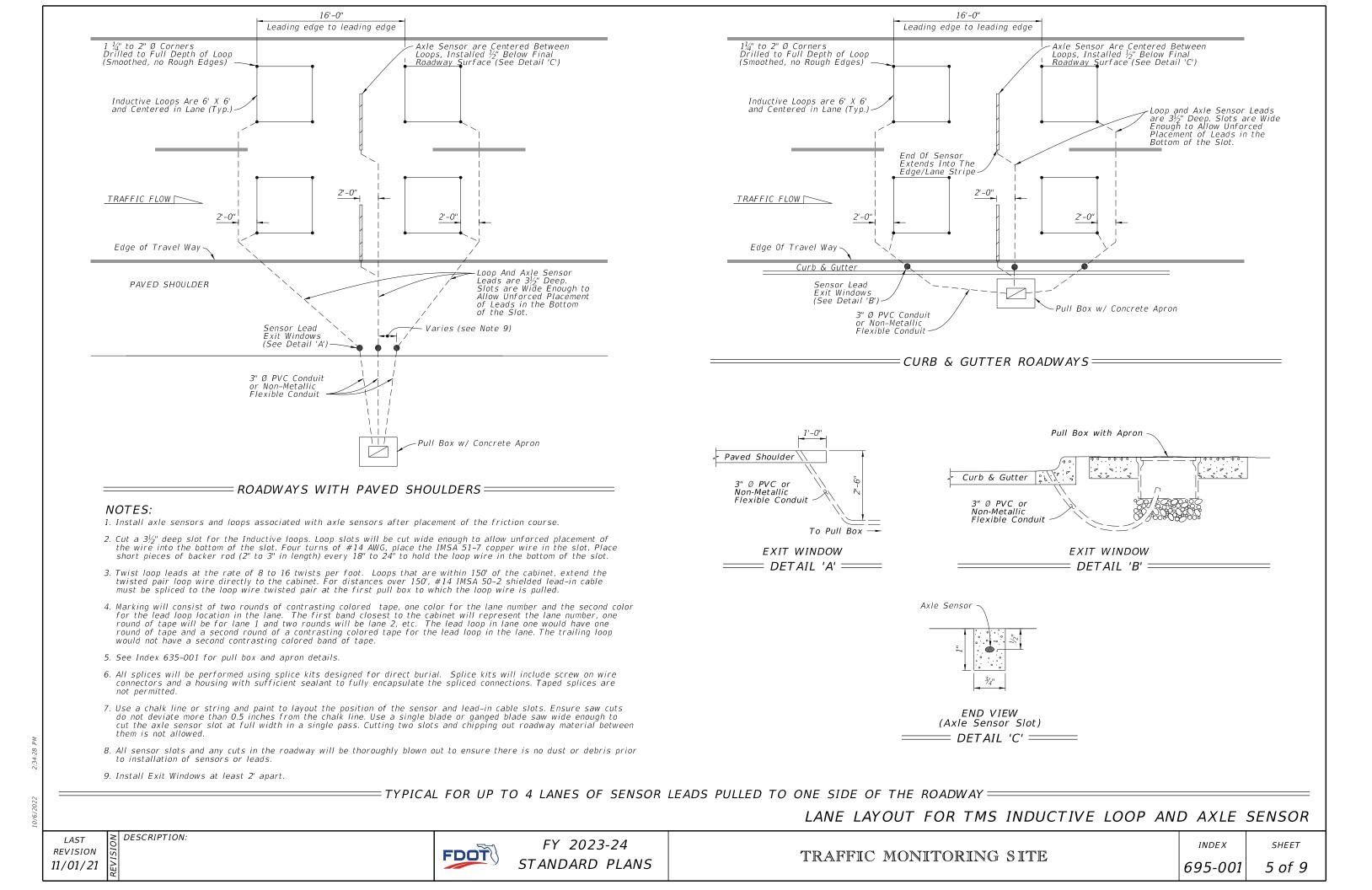
2. The equipment cable can accommodate up to four lanes of inductive loop and piezo sensor inputs. (Reference Sheet 1 for cabinet layout)

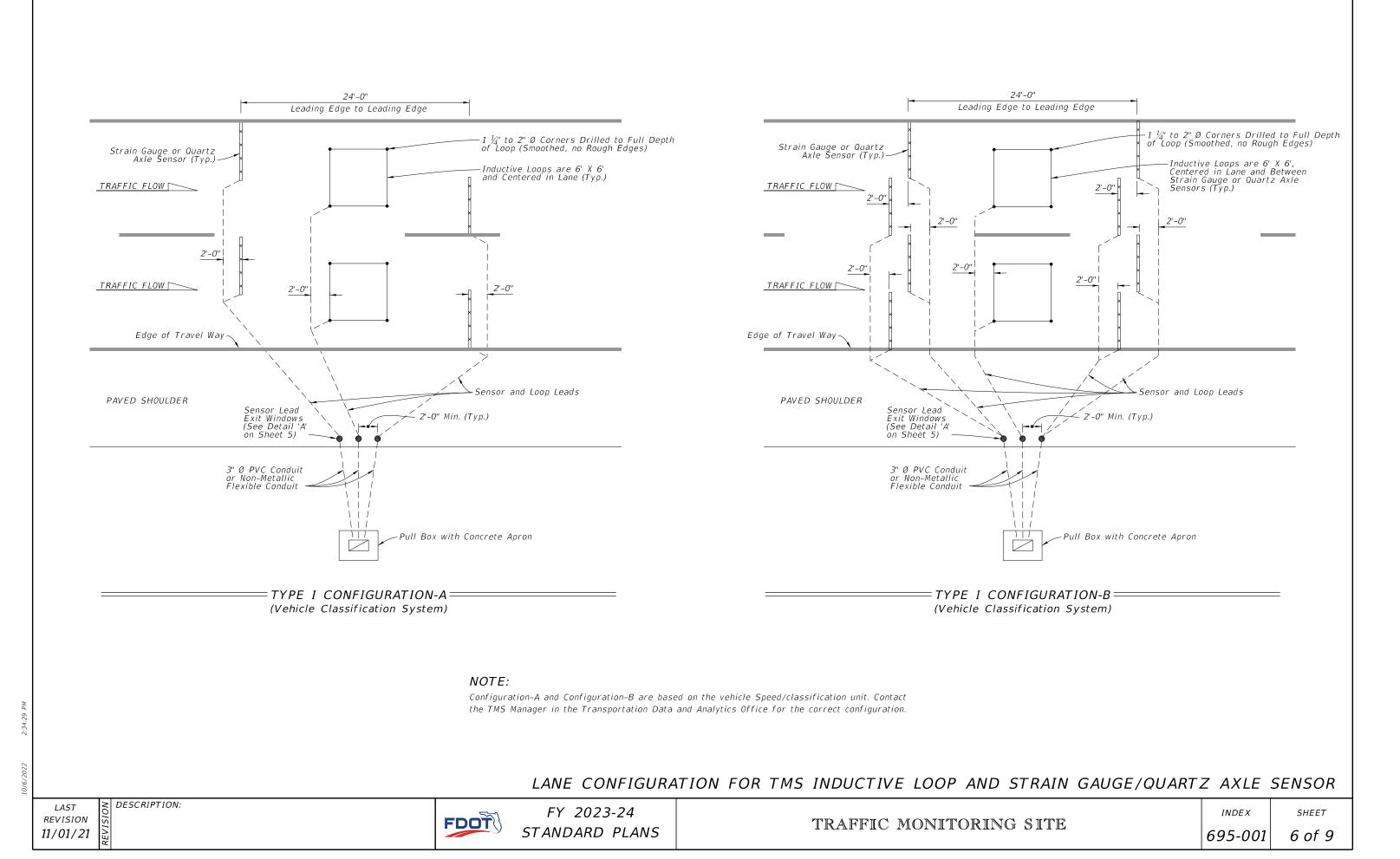
3. For more than four lanes and up to eight lanes of inputs, the following

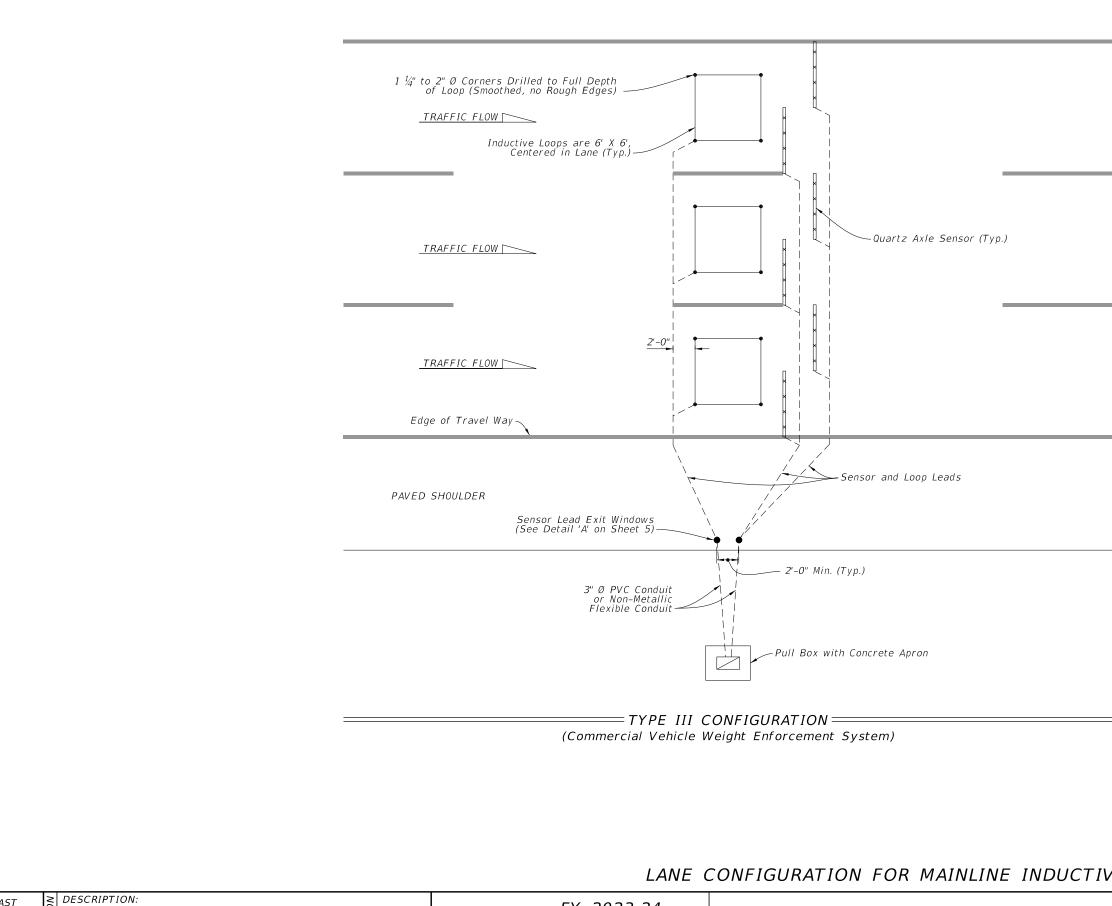
A. Second Vehicle Speed/Class. Unit and separate equipment cable connecting to a second J1 receptacle; or

B. Single Vehicle Speed/Class. Unit capable of up to eight lanes of inputs and a single equipment cable with split ends to fit two

e pinout chart identify lane numbers when 5 through 8 is required.				
d to fit the vehicle Speed/Classification Unit.				
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LAST REVISION 11/01/21

FY 2023-24 STANDARD PLANS

TRAFFIC MONITORING

/E LOOP AND QUARTZ AXLE SENS	OR
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