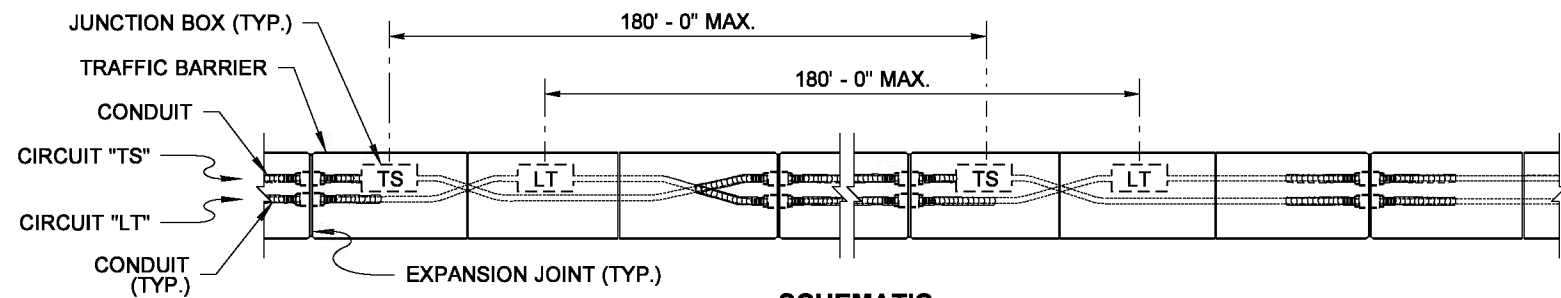
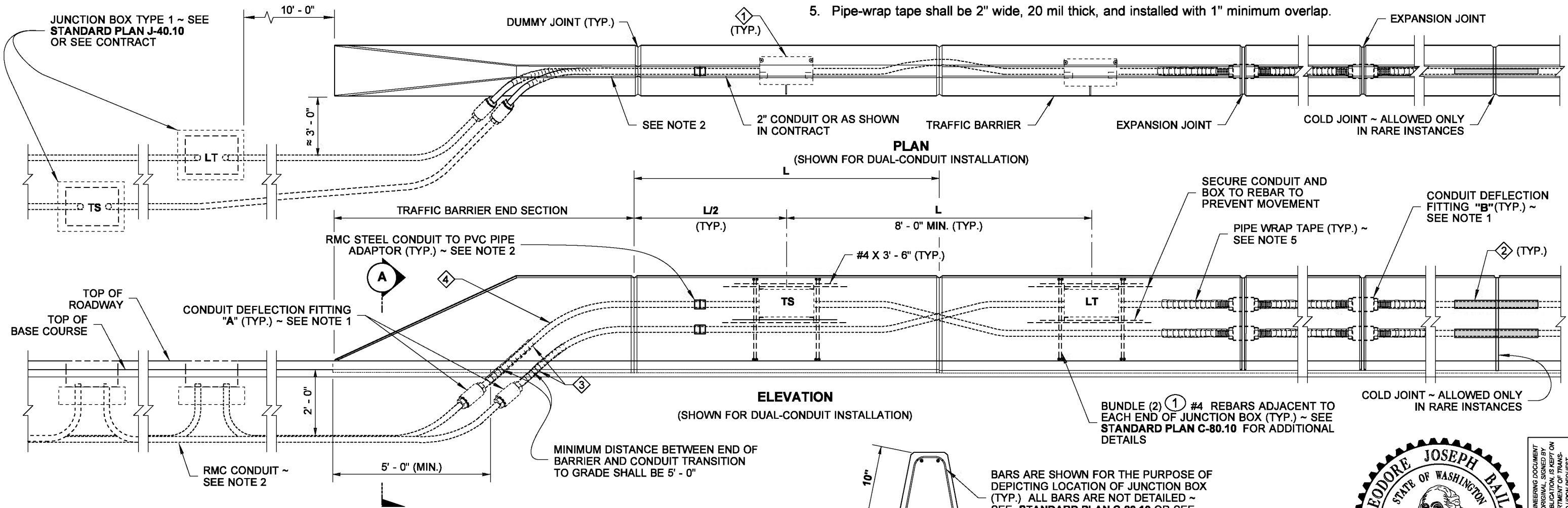


DRAWN BY: FERN LIDDELL



SCHEMATIC
SHOWN FOR DUAL-CONDUIT INSTALLATION
(CIRCUIT TYPES MAY VARY)



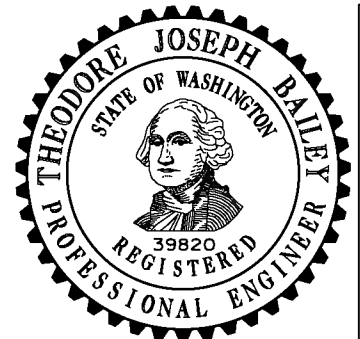
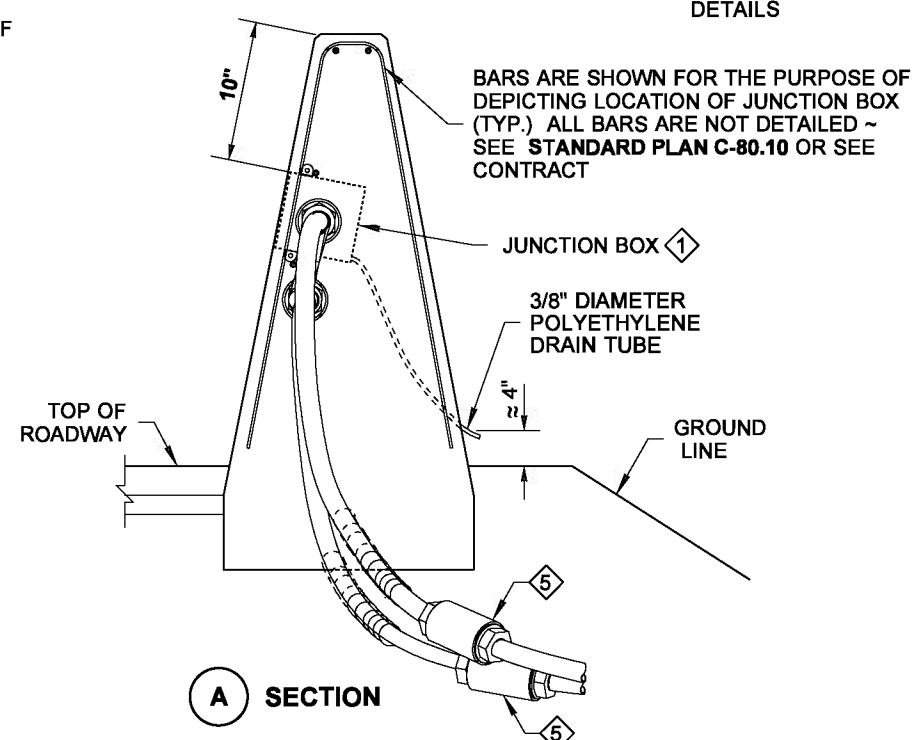
ELEVATION
(SHOWN FOR DUAL-CONDUIT INSTALLATION)

NOTES

1. Install a Conduit Deflection (DX) Fitting "A" at the exit from the barrier. Install a Conduit Deflection (DX) Fitting "B" to connect conduit ends at each concrete barrier expansion joint. See **Standard Plan J-60.11** for Conduit Deflection Fitting details.
2. Install Galvanized Steel Rigid Metal Conduit (RMC) between the Junction Box(es) Type 1 and the DX fitting(s) "A." RMC conduit shall also be used from the DX fitting(s) "A" to the PVC adaptor in the barrier.
PVC conduit may be used only in stationary-form barriers. Connect to RMC using a PVC adaptor.
RMC conduit may be used in stationary-form barriers, but it shall be used in slip-form barriers.
3. See **Standard Plan C-80.10** for additional details on Single-Slope Concrete Barrier.
4. See **Standard Plan J-60.11** for Conduit Deflection Fitting "B" detail ~ "Convert RMC to PVC in stationary-form barrier."
5. Pipe-wrap tape shall be 2" wide, 20 mil thick, and installed with 1" minimum overlap.

KEY NOTES

- 1 Junction Box (mount box so cover is flush with the barrier face with a 0" tolerance protruding beyond the barrier face and 1/8" recessed). Use NEMA 4X Junction Box with stationary-forms. See **Standard Plan J-40.36**. Use NEMA 3R Junction Box with slip-forms. See **Standard Plan J-40.37**.
- 2 Where conduit in a structure is routed across a cold joint with continuous reinforcing steel, install premolded joint filler and wrap the conduit pipe for 1' - 0" on each side of the joint. Omit pipe-wrap tape on PVC conduit.
- 3 Where conduit exits from a structure, wrap the conduit pipe for 1' - 0" on each side from the exiting point.
- 4 10' - 0" long section of RMC conduit.
- 5 Conduit Deflection Fitting shall be in neutral state after installation.
- 6 Where conduit in a structure is routed across a joint, wrap the conduit pipe for 1' - 0" on each side of the joint.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL ELECTRONICALLY SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION. IT IS TO BE FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

CONDUIT INSTALLATION IN SINGLE-SLOPE CONCRETE BARRIER (DUAL-FACED)
STANDARD PLAN J-60.12-00

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Bakotich III 5/20/13
STATE DESIGN ENGINEER DATE

Washington State Department of Transportation