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 3R 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.

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.


5. Pipe-wrap tape shall be 2” wide, 20 mil thick, and installed with 1” minimum overlap.