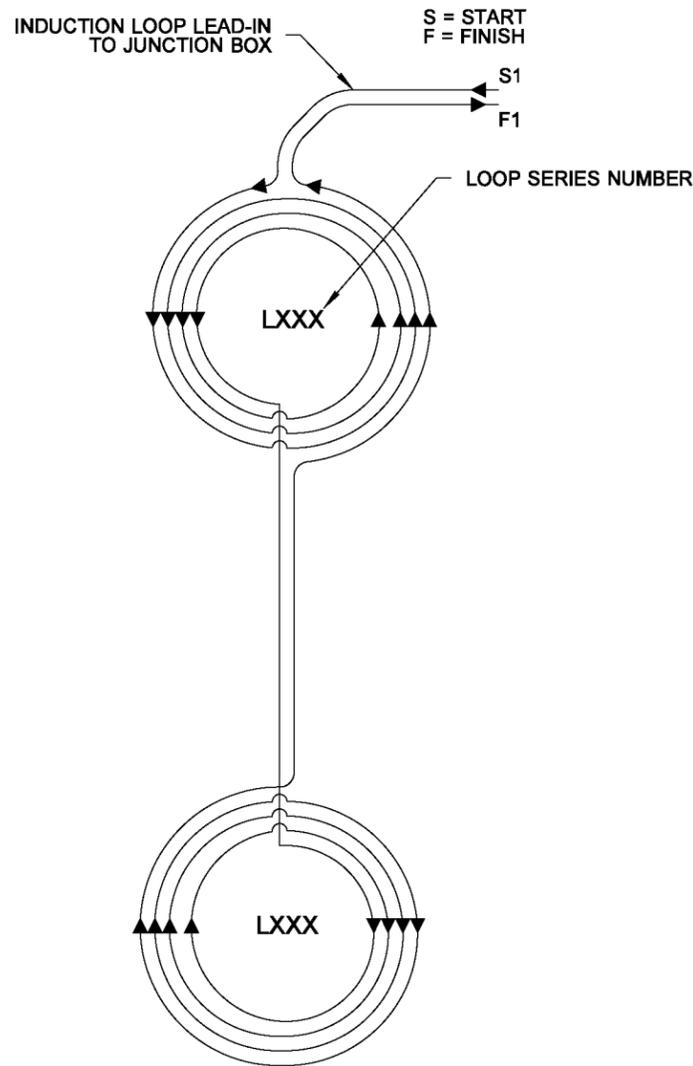
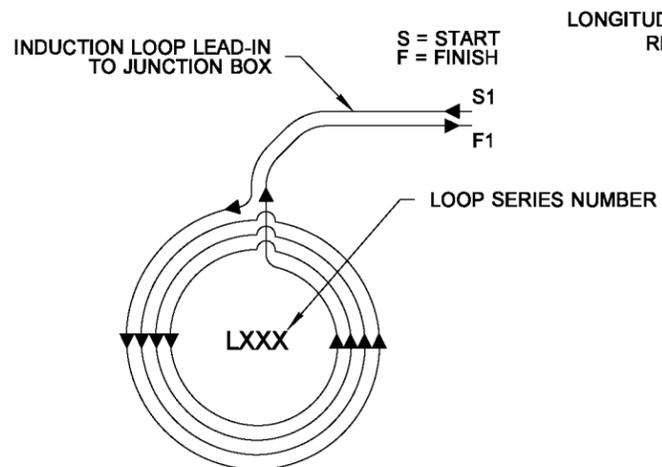


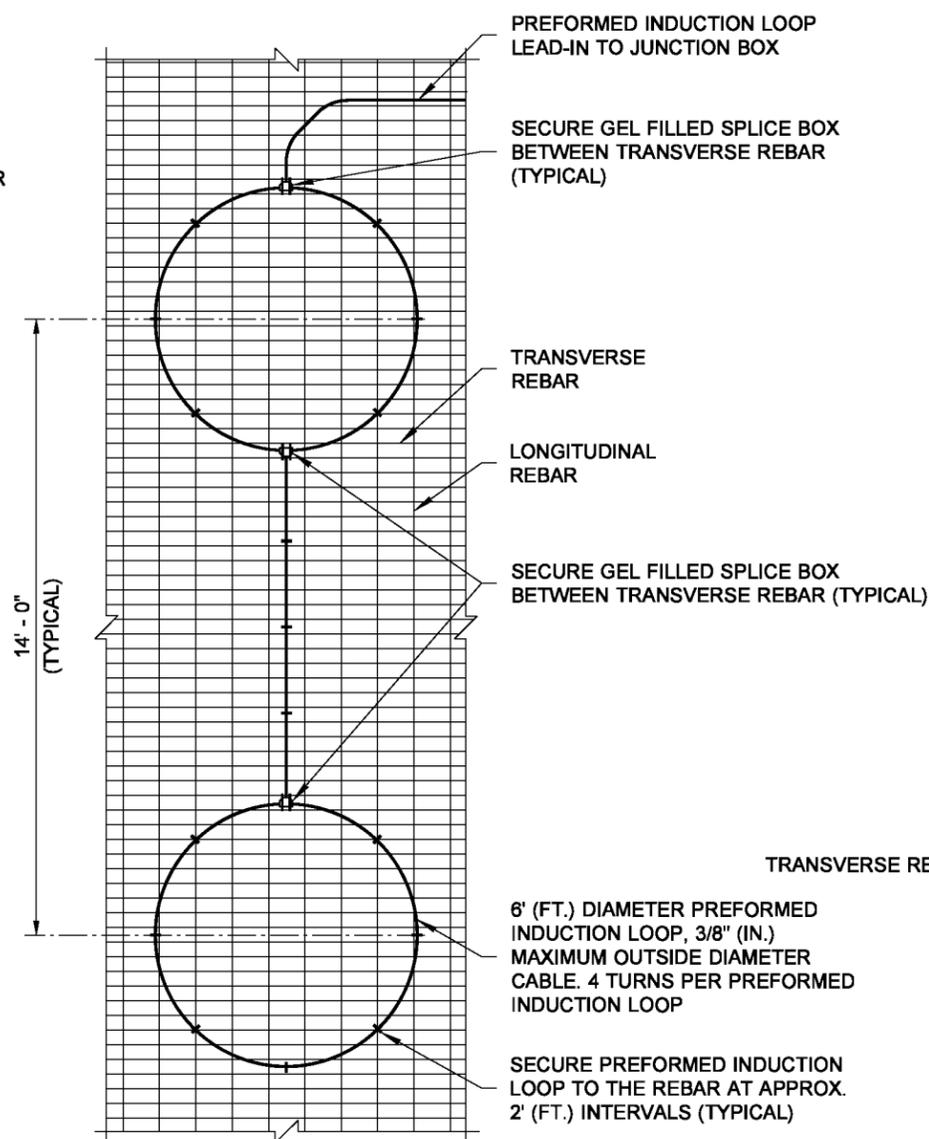
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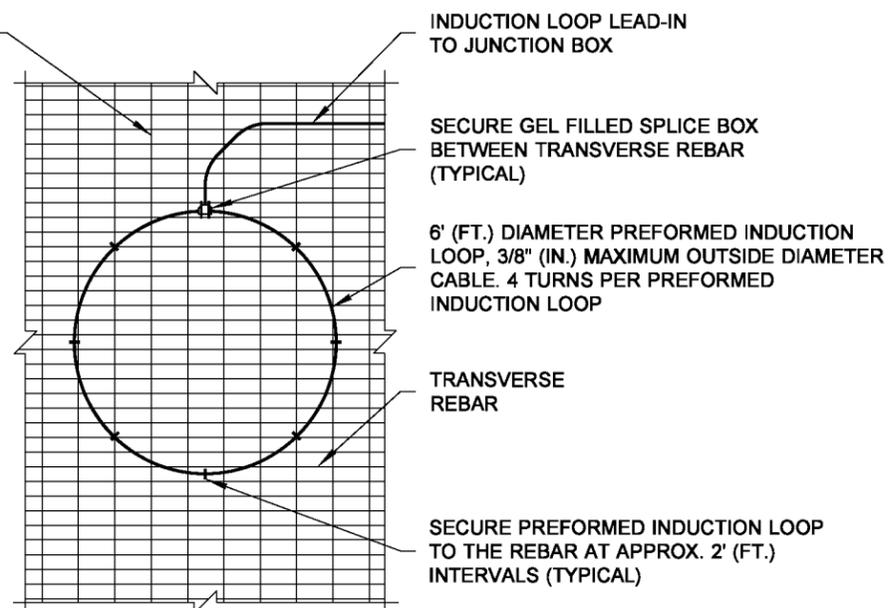
**WIRING DIAGRAM FOR
PREFORMED INDUCTION LOOP
2-LOOP ARRAY**



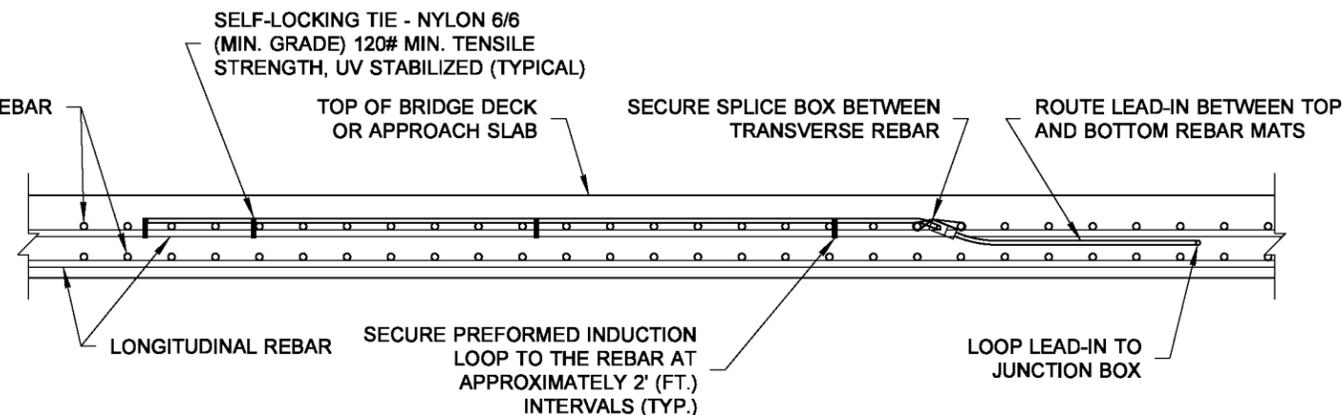
**WIRING DIAGRAM FOR
PREFORMED INDUCTION LOOP**



PLAN VIEW



PLAN VIEW



ELEVATION VIEW

NOTES

1. Installation of signal detection loops in the bridge deck shall be cast-in-place and installation by saw cutting an existing bridge deck shall not be allowed. **This plan is intended for new construction only (not allowed for existing structures).**
2. For Supplemental Splice in adjacent junction box, see Splice Detail, per **Standard Plan J-50.15.**
3. Preformed loops shall conform to the layouts, numbering details, marking requirements, and wiring diagrams of **Standard Plan J-50.12** for the number and types of loops shown in the Contract Plans.
4. Loops shall be tested immediately prior to pouring concrete, per **Standard Specification 8-20.3(14)D.**
5. Layout Preformed loops and loop lead-ins to maintain 1' (ft.) clearance from joints.
6. Construct a supplemental splice containing any series loop connections in adjacent Junction Box as required in the Plans. Supplemental splices are subject to the same requirements shown for the loop lead-in and the shielded cable splice, as shown in **Standard Plan J-50.12.**
7. Barrier Junction Box ~ 8" x 8" x 18" NEMA 4X in stationary-form barrier, adjustable NEMA 3R in slip-form barrier. (Junction Box can be recessed up to 1/8"). See **Standard Plan J-40.36** or **J-40.37.**
8. For installation of Junction Box in the sidewalk, see **Standard Plan J-40.40.**



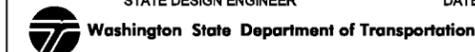
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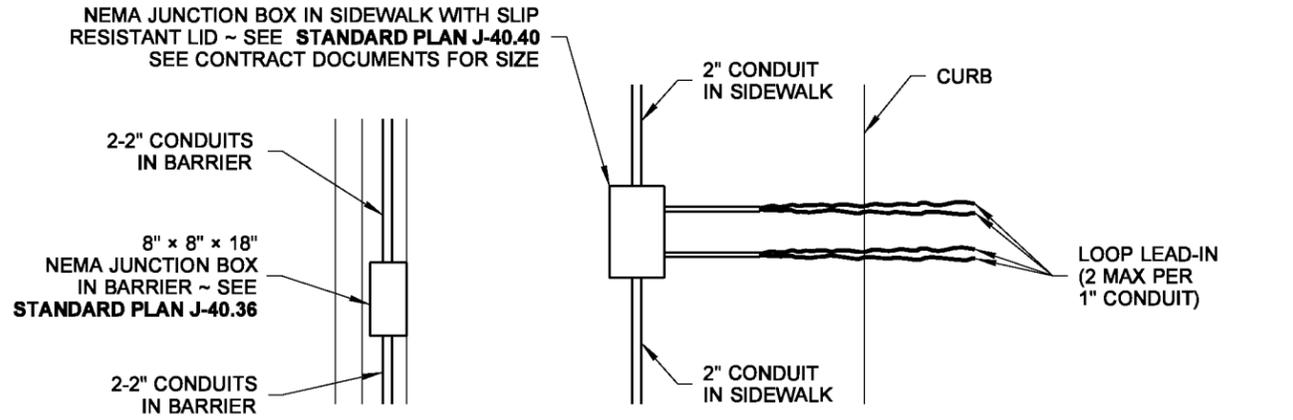
**PREFORMED LOOP
INSTALLATION DETAILS
FOR NEW BRIDGE DECKS
STANDARD PLAN J-50.16-01**

SHEET 1 OF 2 SHEETS

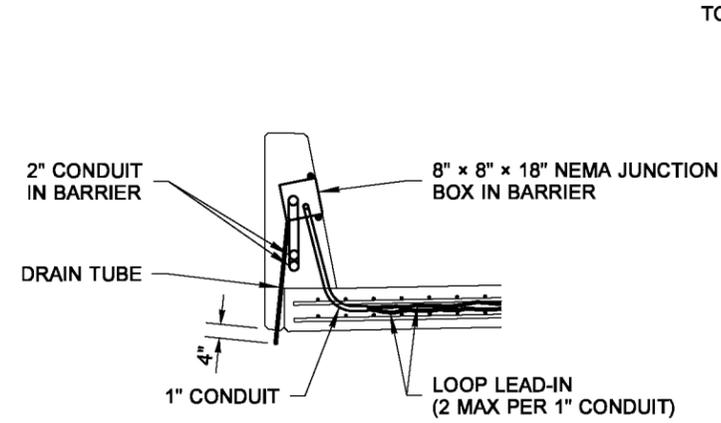
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STATE DESIGN ENGINEER DATE

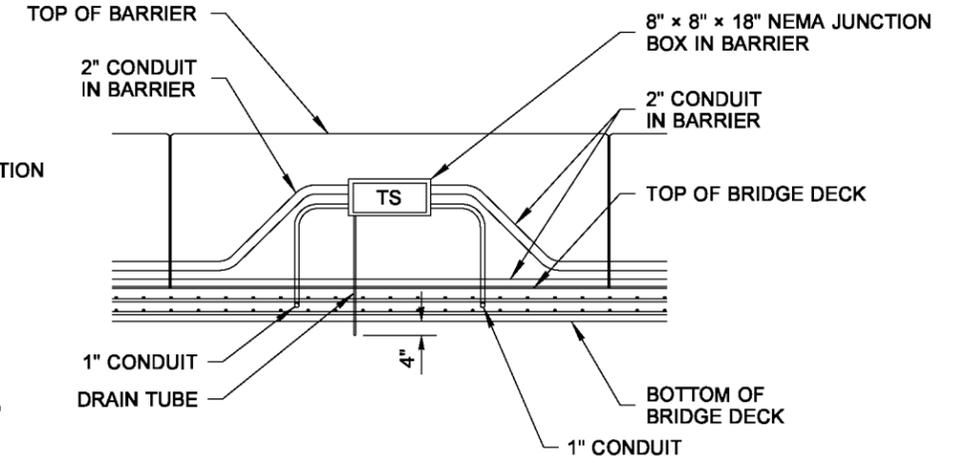




PLAN VIEW



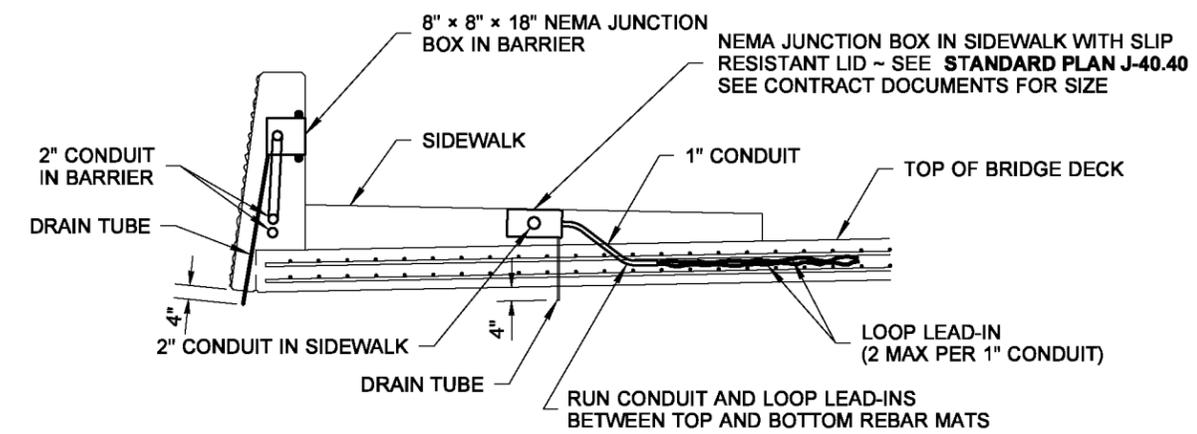
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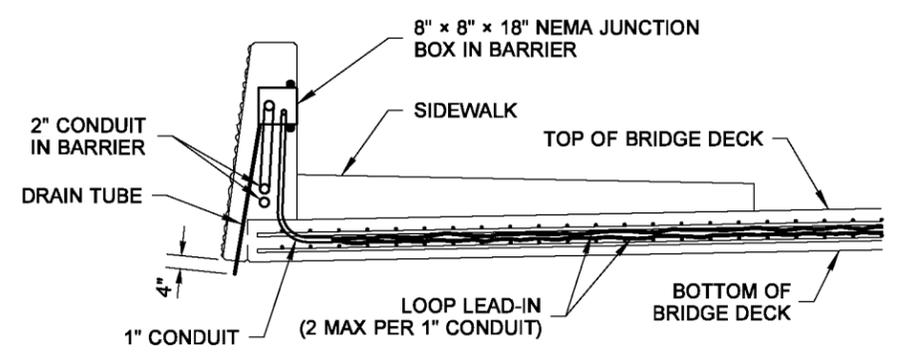
ELEVATION VIEW

SINGLE SLOPE TRAFFIC BARRIER

DRAWN BY: BILL BERENS

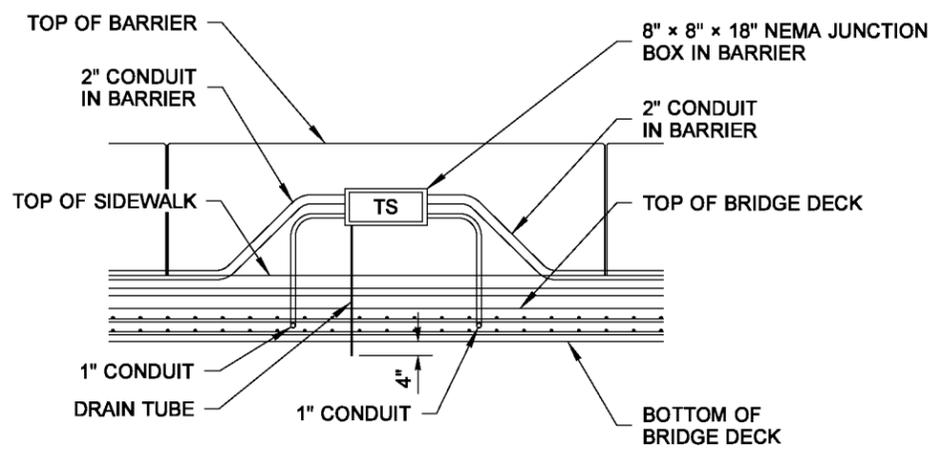


SECTION
PEDESTRIAN BARRIER

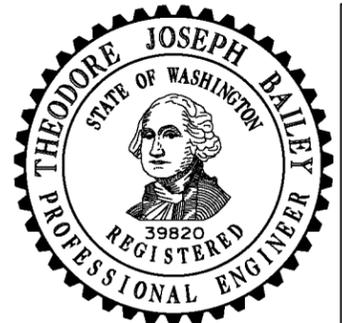


SECTION

PEDESTRIAN BARRIER



ELEVATION VIEW



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**PREFORMED LOOP
INSTALLATION DETAILS
FOR NEW BRIDGE DECKS
STANDARD PLAN J-50.16-01**

SHEET 2 OF 2 SHEETS

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