LOOP INSTALLATION NOTES
1. Install the Junction Box and the stub-out conduit with PVC sleeve. Conduit for the loop stub-out shall be as required in the conduit size table shown on sheet 1 of this set.
2. Lay out loops and loop lead-ins to raise mutual coupling in road, when possible. Maintain 10" minimum distance from railhead and/or valve boxes.
3. The opening around the loop stub shall be packed with matching paving material if opened larger than PVC sleeve 25".
4. Saw cut the loop stub and the lead-in stubs, Washi™ tape, P1™ adhesive tape, or similar to remove layer of all saw cut into stub out stubs.
5. Lay out the loop wire starting at the Junction Box, allowing 10" minimum slack.
6. Install the wire in the loop slot as shown.
7. Finish laying out the wire at the Junction Box and identify the leads with the loop number, the "S" for start and the "F" for finish, the loop wire number, and the loop lead-in number.
8. Twist each pair of the leads a minimum of 2 turns per foot from the loop to the Junction Box. Reorient the direction of the loop for each successive pair installed. See Loop lead-ins.
9. Construct a supplemental splice containing any extra loop connections in the adjacent junction box as required in the plan. Supplemental splices subject to the same requirements shown for the loop lead-in or the stub-out cable splices.
10. Splice the lead-in stub to the stub-out cable as noted in the Contract.
11. All loop conduits shall be tested per standard specifications for LI9184423 once installation is complete.
12. Existing conduit shall be upgraded as necessary to conform to the conduit size table shown on sheet 1.
13. All loop lead-in splices parallel to lane edge shall be at least 15" from edge of pavement and within 5' of inner curb or curb. Maintain a 10" separation between parallel cuts or joints.
14. The loop stub-out sleeves shall have an inside diameter 1" larger than the outside diameter of the end bushing. Plug conduit and fill sleeves with sand until loops are installed and then fill out with asphalt during paving operations.