SHEET NUMBE PROJECT **NOTES:** 1. Install square inductive loops, with sides perpendicular and parallel to the centerline. 2. For each loop, install the loop wire in one Edge of travelway continuous length with no splices. Edge of shoulder 3. Provide dedicated saw cuts for each loop, including separate lead-in channels. 4. Provide dedicated polyvinyl chloride (PVC) conduits for each lead-in from the edge of LOOP DETECTOR **DIMENSIONS TABLE** pavement to the nearest pull box. LANE WIDTH DIMENSIONS 5. Install the 2-inch PVC conduit using LNFT directional boring or open trench as (B) Loop detector (typ.) (C) (A) Traffic flow See Note 1 and Table 12 6 3 6. Obtain approval from the CO prior to 18' (typ.) installing inductive loops on lanes less 5 3 11 Edge of travelway than 10 feet wide. Traffic flow 5 10 2.5 7. If the distance between pull boxes is less Edge of shoulder than 50 feet, omit the second pull box nearest to the cabinet. 2' min. (typ.) Traffic flow 8. See Detail E636-03 for inductive loop See Note 3 installation procedures. Loop detector (typ.) See Note 1 and Table - 18' (typ.)-9"-12" 🗖 $1\frac{1}{2}$ " PVC conduit for each Median lead-in cable Traffic flow 9"-12"-▶ **→** 5' (typ.) → В Pull box 2" PVC conduit See Note 5 Edge of shoulder Traffic flow Pull box Traffic flow Traffic flow - 2' min. (typ.) See Note 3 $1\frac{1}{2}$ " PVC conduit to pull box Traffic flow -2' min. (typ.) See Note 3 2" PVC conduit to cabinet $1\frac{1}{2}$ " PVC conduit for each lead-in cable SECTION A-A Edge of shoulder 11/2" PVC conduit for each Note Pull boxes Edge of travelway lead-in cable See Pull boxes Edge of shoulder Edge of travelway Cabinet Cabinet MULTI-LANE DIVIDED ROADWAY UNDIVIDED ROADWAY

> INDUCTIVE LOOP INSTALLATION **PLAN VIEW**

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY

INDUCTIVE LOOP DUAL LOOP PER LANE EFLHD DETAIL E636-02 SPECIFICATION

FP-24, FP-14 APPROVED FOR USE 06/2024

NO SCALE