

GENERAL NOTES

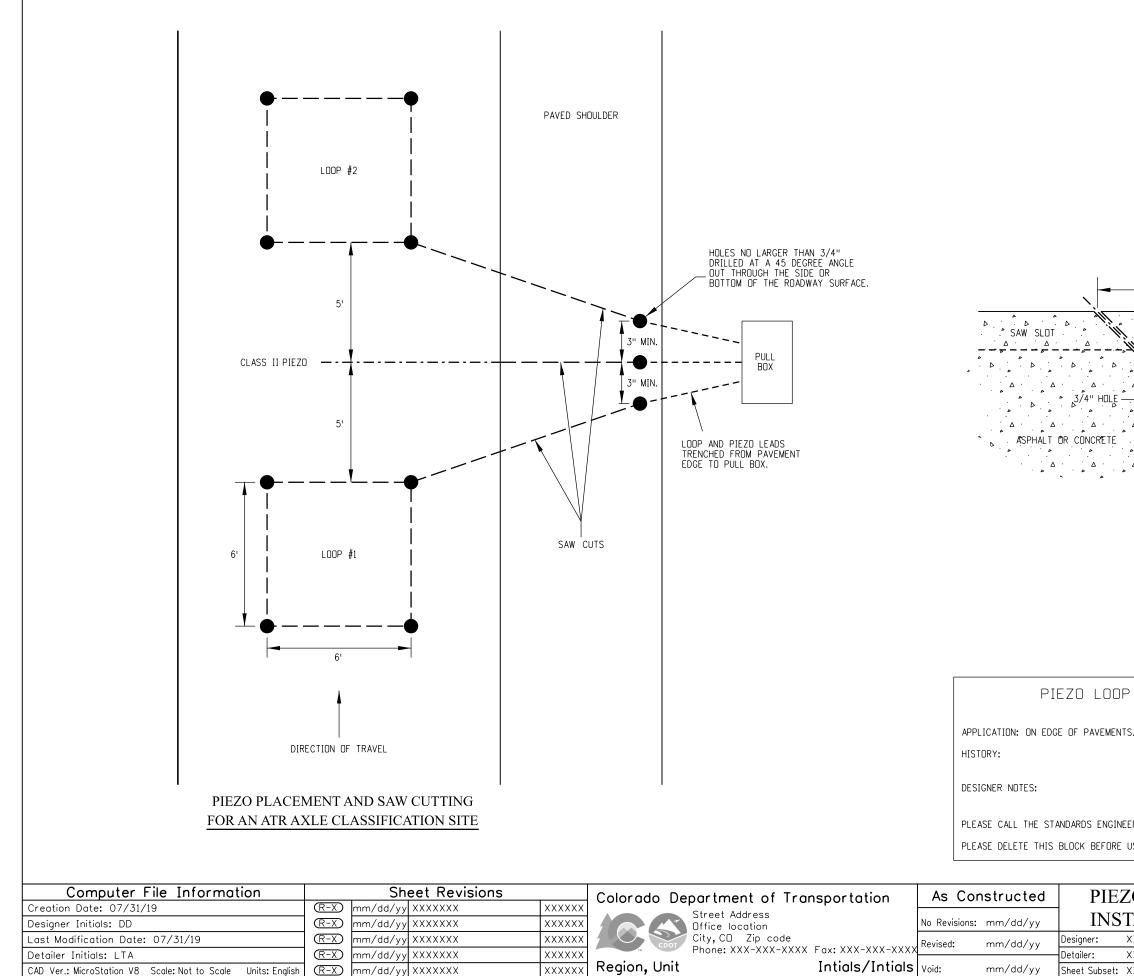
2. LOOPS SHALL BE CENTERED IN THE TRAVEL LANE WITH TWO SIDES PARALLEL TO THE LANE STRIPING. 3. ALL LOOP, LOOP LEAD, AND FEEDER WIRE SAW SLOTS SHALL BE CUT TO A MINIMUM DEPTH OF $3\frac{1}{2}$ INCHES. 4. SLOTS SHALL BE SAWED AFTER PLANING AND BEFORE LAYING OF THE FIRST LIFT OF PAVEMENT WHEN APPLICABLE. 5. All LOOP CORNERS SHALL BE ROUNDED USING A $1\!/_{\!2}$ INCH HOLE DRILLED TO A MINIMUM DEPTH 7. BEFORE INSTALLATION OF THE WIRE, ALL SAW SLOTS SHALL BE CLEANED OF DEBRIS USING WATER AND COMPRESSED AIR. SURFACE AND SLOTS MUST BE ALLOWED TO DRY. 8. ALL LOOPS SHALL BE FOUR TURNS OF THE ABOVE SPECIFIED LOOP WIRE. THE WIRE SHALL BE 9. WIRE SPLICES WILL NOT BE PERMITTED IN THE SAW SLOTS. ALL LOOPS SHALL BE CONTINUOUS 10. A BACKER ROD WITH $\frac{1}{2}$ INCH DIA. SHALL BE INSTALLED TO INSURE WIRES DO NOT FLOAT TO 11. ALL SAW SLOTS AND DRILL HOLES SHALL BE SEALED USING A TWO-PART SELF CURING, SELF BONDING WEATHERPROOF EPDXY. EXCESS EPDXY SHALL BE REMOVED TO AVOID UNNECSSARY HIGH SPOTS. 12. PIEZO SENSORS SHALL BE INSTALLED AT THE EXACT MIDPOINT BETWEEN THE LOOPS IN EACH LANE AND TO THE RIGHT OR LEFT SIDE OF THE LINE, CENTERED IN THE WHEEL PATH. 13. PIEZO SENSORS SHALL BE INSTALLED IN COMPLIANCE WITH THE MANUFACTURER'S SPCIFICATIONS, A COPY OF WHICH SHALL BE SUPPLIED TO THE ENGINEER PRIOR TO INSTALLATION. 14. LOOP SETS (TWO LOOPS IN A SERIES) WITHIN A SINGLE LANE SHALL BE SEPARATED BY 10 FEET RESULTING IN A DISTANCE OF 16 FEET FROM LEADING EDGE TO LEADING EDGE (WITHIN 1 INCH 15. NO MORE THAN ONE SET OF LOOP LEAD WIRES SHALL BE PLACED IN A SAW SLOT. 16. PULL BOXES MUST CONTAIN AN ADDITIONAL 3 FEET OF LOOP WIRE WHICH ENTERS AND/OR EXITS 17. ALL LOOPS AND LOOP LEADS SHALL BE CLEARLY LABELED IN EACH PULL BOX. 19. COORDINATE INSTALLATION WITH MIKE DELCUPP, CDOT DIVISION OF TRANSPORTATION DEVELOPMENT, AT 303-757-9816. CALL 5 DAYS IN ADVANCE FOR LAYOUT ASSISTANCE.

PIEZO LOOP DETECTOR INSTALLATION DETAIL D-614-2

PLEASE DELETE THIS BLOCK BEFORE USING THIS DETAIL ON A PROJECT. DATE: APRIL 26, 2011

ZO LOOP DETECTOR		Project No./Code
TALLATION DETAIL		XXXXX/XXXX
xxxxxxx		D-614-2
XXXXXXXX		Sheet Number: 1 of 2
XXXXXXX	Subset Sheets: XXX of XXX	Project Sheet Number: XX

DD/LTA



ECTION VIEW			
DRILL DETAIL			
IEZO LOOP DETECTOR INSTALLATION D-614-2 GE OF PAVEMENTS.	DETAIL		
TANDARDS ENGINEER AT 303-757-9021 FOR ANY QUESTIONS. 5 BLOCK BEFORE USING THIS DETAIL ON A PROJECT. DATE: A	PRIL 26,2011 DD/LTA		
PIEZO LOOP DETECTOR INSTALLATION DETAIL	Project No./Code XXXXX/XXXX D-614-2		
Designer: XXXXXXX Detailer: XXXXXXX Sheet Subset: XXXXXXX Subset Sheets: XXX of XXX	Sheet Number: 2 of 2 Project Sheet Number: XX		