

**VT ROUTE 3  
STA 0+33.00  
(MM 0.006)**

**BEGIN PROJECT  
STP 2312(1)S**

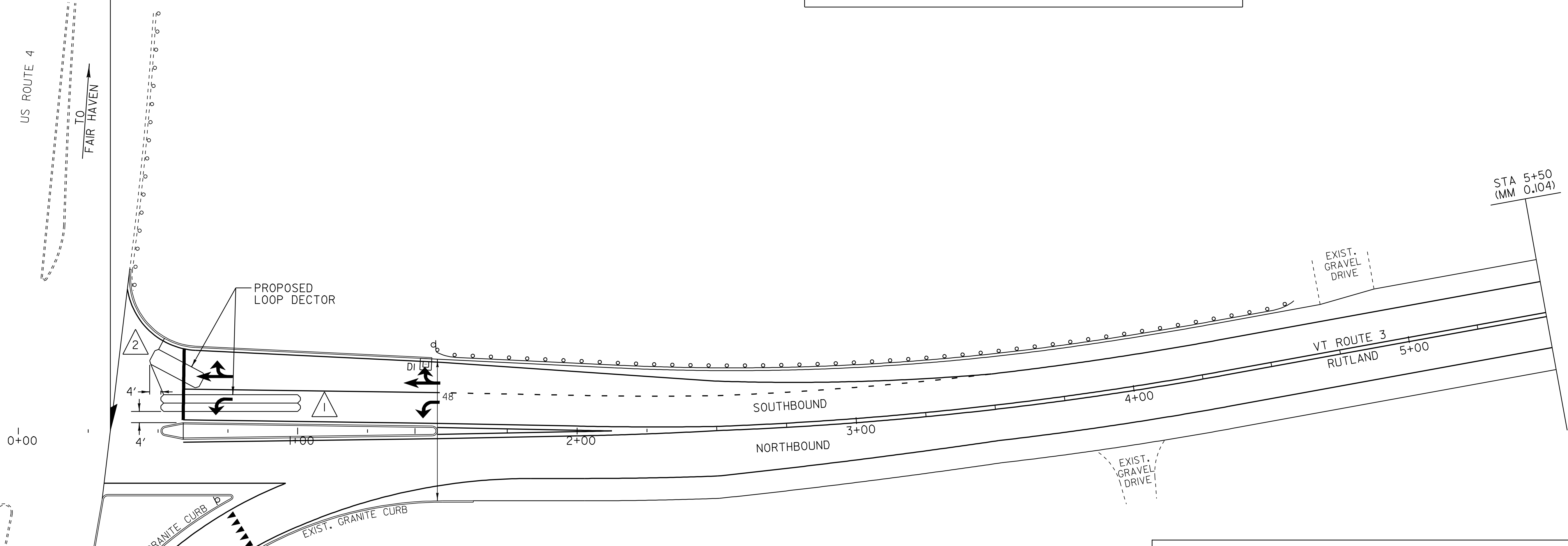
VEHICLE LOOP DETECTORS								TEST RESULTS				
LANE	LOOP NO.	SIZE	NO TURNS	TYPE	CALL Ø	MODE	AMP.	INDUCTANCE micro - H		RESISTANCE OHM @ 77° C		(MEGOHM)
								CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND
SB	1	6' X 50'	2-4-2	QUAD	3	-	-	418				
SB	2	6' X 20'	4	RECT	3	-	-	300				

ALL CALCULATED VALUES ARE AT THE CONTROLLER.  
MEASURED VALUES MUST BE FILLED IN PRIOR TO JOB ACCEPTANCE

LOOP LENGTHS  
(RUN AND HOMERUN)

196  
(162 AND 34)

62  
(52 AND 10)



**VEHICLE LOOP DETECTOR INSTALLATION  
GENERAL NOTES**

- EXISTING LOOPS SHALL BE DISCONNECTED AT THE CURB LINE PRIOR TO COLD PLANING.
- NEW LOOPS TO BE CUT INTO COLD PLANED SURFACE AND WIRED INTO EXISTING CONDUITS AT THE CURB LINE.
- NO CHANGES TO THE EXISTING SIGNAL TIMING/ PHASING ARE TO BE MADE AT THIS INTERSECTION.
- AFTER THE NEW LOOP IS INSTALLED, THE INDUCTANCE, RESISTANCE AND LEAKAGE TO GROUND SHALL BE TESTED USING PROPERLY CALIBRATED EQUIPMENT. THE TEST RESULTS SHALL BE COMPARED WITH THE CALCULATED VALUES AND RECORDED ON THE PLANS. ALL LOAD TESTING SHALL BE PERFORMED AS PER VTRANS STANDARD E-172.
- AFTER ACCEPTANCE OF THE LOOP INSTALLATION BY THE RESIDENT ENGINEER RETURN THE SIGNAL TO NORMAL OPERATION. ALL WORK REQUIRED SHALL BE INCIDENTAL TO ITEM 678.22, VEHICLE LOOP DETECTOR.

**SUMMARY OF QUANTITIES**

ITEM NO.	ITEM	UNIT	QUANTITY
678.22	VEHICLE LOOP DETECTORS	LF	660

**LOOP  
DETECTOR  
LAYOUT  
SHEET**

PROJECT: RUTLAND - PROCTOR	PROJECT NO.: STP 2312(1)S
DESIGN FILE NAME: /pave/01C020/pc020.dgn	PLOT DATE: 07-OCT-2008 11:
IPARM FILE NAME: pc020d+01.i	SURVEY DATE: 12/05
SURVEYED BY: CLD ENGINEERS, INC	DRAWN BY: NLL
SQUAD LEADER: PTS	SHEET: 29 OF 33
CLD REF. NO. 05-0390	

NOT TO SCALE