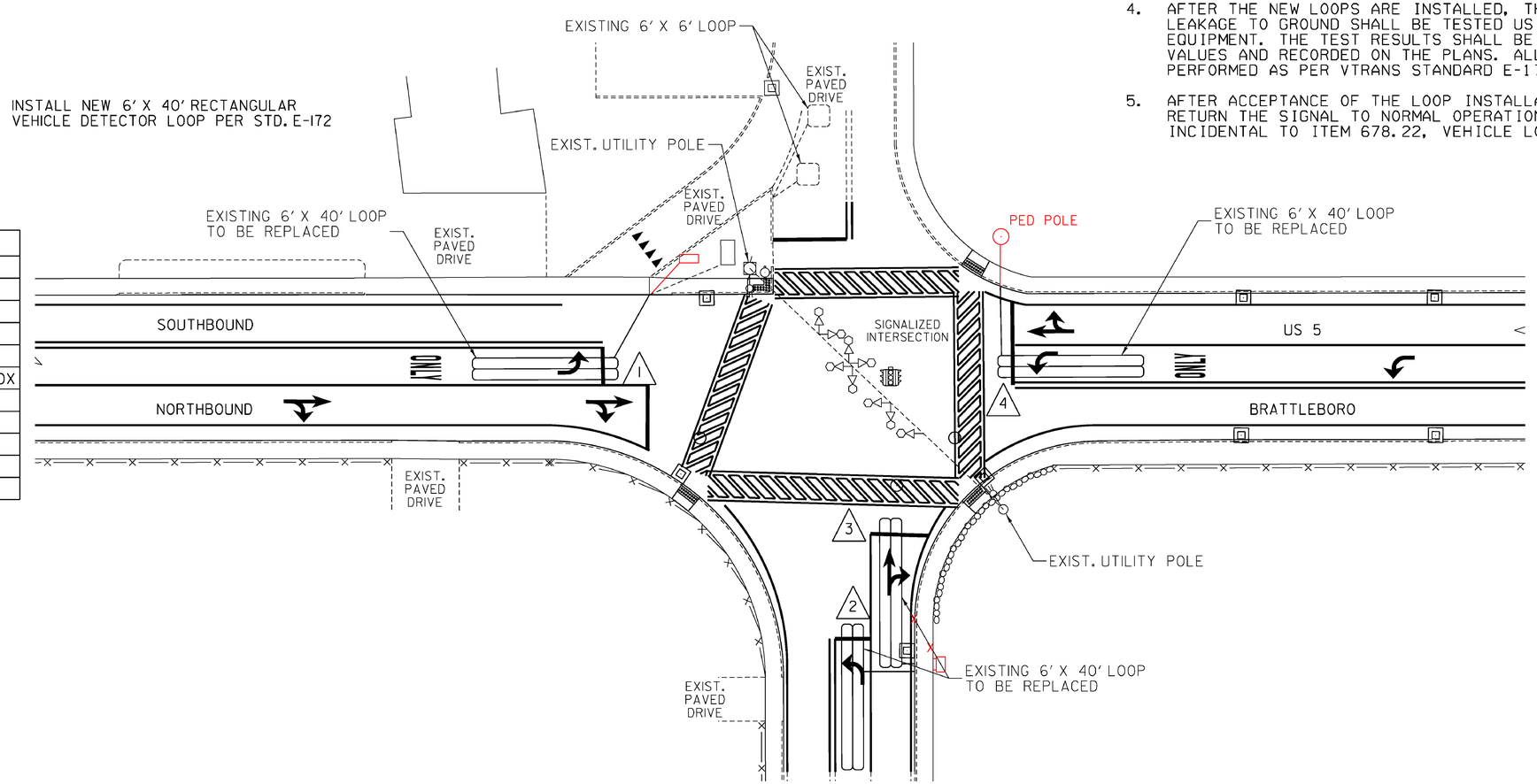
SUMMARY OF QUANTITIES

ITEM	DESCRIPTION	QUANTITY
678.22	VEHICLE LOOP DETECTOR	600'

TRAFFIC SIGNAL INSTALLATION GENERAL NOTES

1. EXISTING LOOPS SHALL BE DISCONNECTED AT THE CURB LINE PRIOR TO COLD PLANING.
2. NEW LOOPS TO BE CUT INTO COLD PLANED SURFACE AND WIRED INTO EXISTING CONDUITS AT THE CURB LINE.
3. NO CHANGES TO THE EXISTING SIGNAL TIMING/ PHASING ARE TO BE MADE AT THIS INTERSECTION.
4. AFTER THE NEW LOOPS ARE 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.
5. 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.

	LEGEND
	UTILITY POLE
	LUMINAIRE
	LIGHT OR WOOD POLE
	STRAIN POLE
	CONTROLLER CABINET
	PULLBOX/JUNCTION BOX
	SIGNAL HEAD
	CONDUIT
	VEHICLE LOOPS
	PEDESTAL POST
	STANCHION



VEHICLE LOOP DETECTORS

TEST RESULTS

LANE	LOOP NO.	SIZE	NO TURNS	TYPE	CALL Ø	MODE	AMP.	INDUCTANCE micro - H CALCULATED	INDUCTANCE micro - H MEASURED	RESISTANCE OHM @ 77° C CALCULATED	RESISTANCE OHM @ 77° C MEASURED	(MEGOHM) LEAKAGE TO GROUND
NB	1	6' X 40'	2-4-2	LONG		PRESENCE	NON-DELAY	338		246		
EB	2	6' X 40'	2-4-2	LONG		PRESENCE	NON-DELAY	338		237		
EB	3	6' X 40'	2-4-2	LONG		PRESENCE	NON-DELAY	338		220		
SB	4	6' X 40'	2-4-2	LONG		PRESENCE	NON-DELAY	338		245		

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

US 5 @ FAIRGROUND RD

THE LOCATION OF THE SIGNAL/PEDESTRIAN PEDESTALS IS APPROXIMATE. THE LOCATION AND DEPTH OF THE ELECTRICAL CONDUITS ARE UNKNOWN. THE CONTRACTOR MUST TAKE CARE NOT TO DAMAGE THE ELECTRICAL CONDUITS IN THE PROCESS OF COLD PLANING OR CONSTRUCTING SIDEWALK OR PEDESTRIAN RAMPS. ANY DAMAGE INCURRED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COST TO THE STATE OF VERMONT.

NOT TO SCALE

VEHICLE LOOP DETECTOR

PROJECT NAME: BRATTLEBORO
PROJECT NUMBER: STP 2623(I)

FILE NAME: /pave/06d214/pd214
PROJECT LEADER: PTS
DESIGNED BY: NLL
IPARM FILE NAME: 06D214_15
PLOT DATE: 3/19/2010
DRAWN BY: HJD
CHECKED BY: PTS
SHEET 15 OF 163

MODEL: Default
CLD 08-0324 z06D0214.dgn