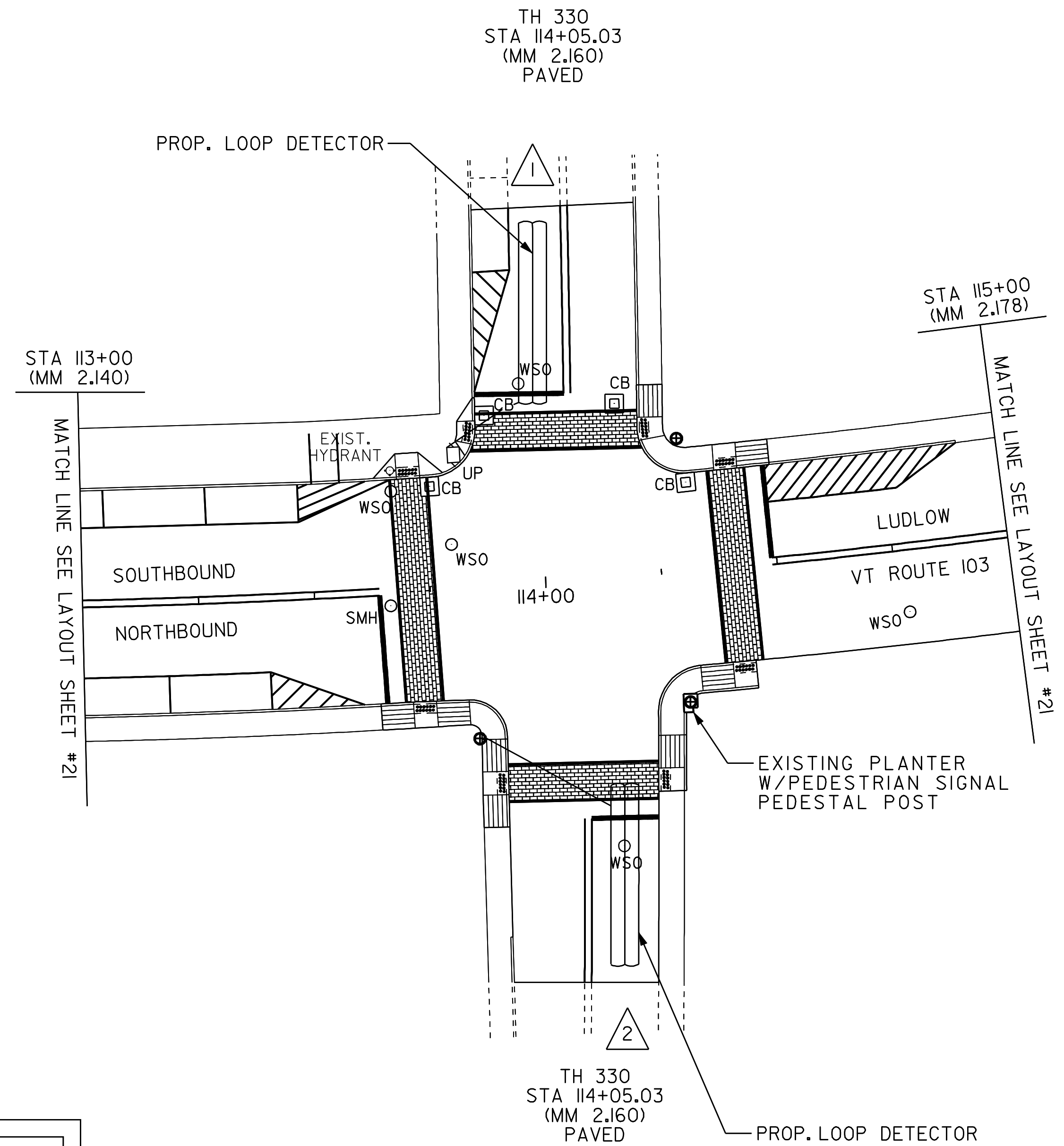


TEST RESULTS												
VEHICLE LOOP DETECTORS								INDUCTANCE micro - H		RESISTANCE OHM @ 77° C		(MEGOHM)
LANE	LOOP NO.	SIZE	NO TURNS	TYPE	CALL Ø	MODE	AMP.	CALCULATED	MEASURED	CALCULATED	MEASURED	LEAKAGE TO GROUND
EB	1	6' X 40'	2	QUAD	4	PRESENCE	NON-DELAY	338				
WB	2	6' X 40'	2	QUAD	8	PRESENCE	NON-DELAY	338				
ALL CALCULATED VALUES ARE AT THE CONTROLLER. MEASURED VALUES MUST BE FILLED IN PRIOR TO JOB ACCEPTANCE												

VEHICLE LOOP DETECTOR INSTALLATION 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	750

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

NOTE: REPLACE ALL EXISTING LOOP DETECTORS WITH NEW LOOPS AT EXISTING LOCATIONS.

<b>LOOP DETECTOR LAYOUT</b>	PROJECT: LUDLOW	PROJECT NO.: NH_2409(I)S
	DESIGN FILE NAME: /pave/05B008/pb008.dgn	PLOT DATE: 20-MAY-2010 14:3
	IPARM FILE NAME: pb008d+02.1	SURVEY DATE: 11/20/05
	SURVEYED BY: CLD_ENGINEERS, INC	DRAWN BY: MRS
SQUAD LEADER: PIS	CLD REF. NO.: 05-0389	SHEET: 31 OF 51