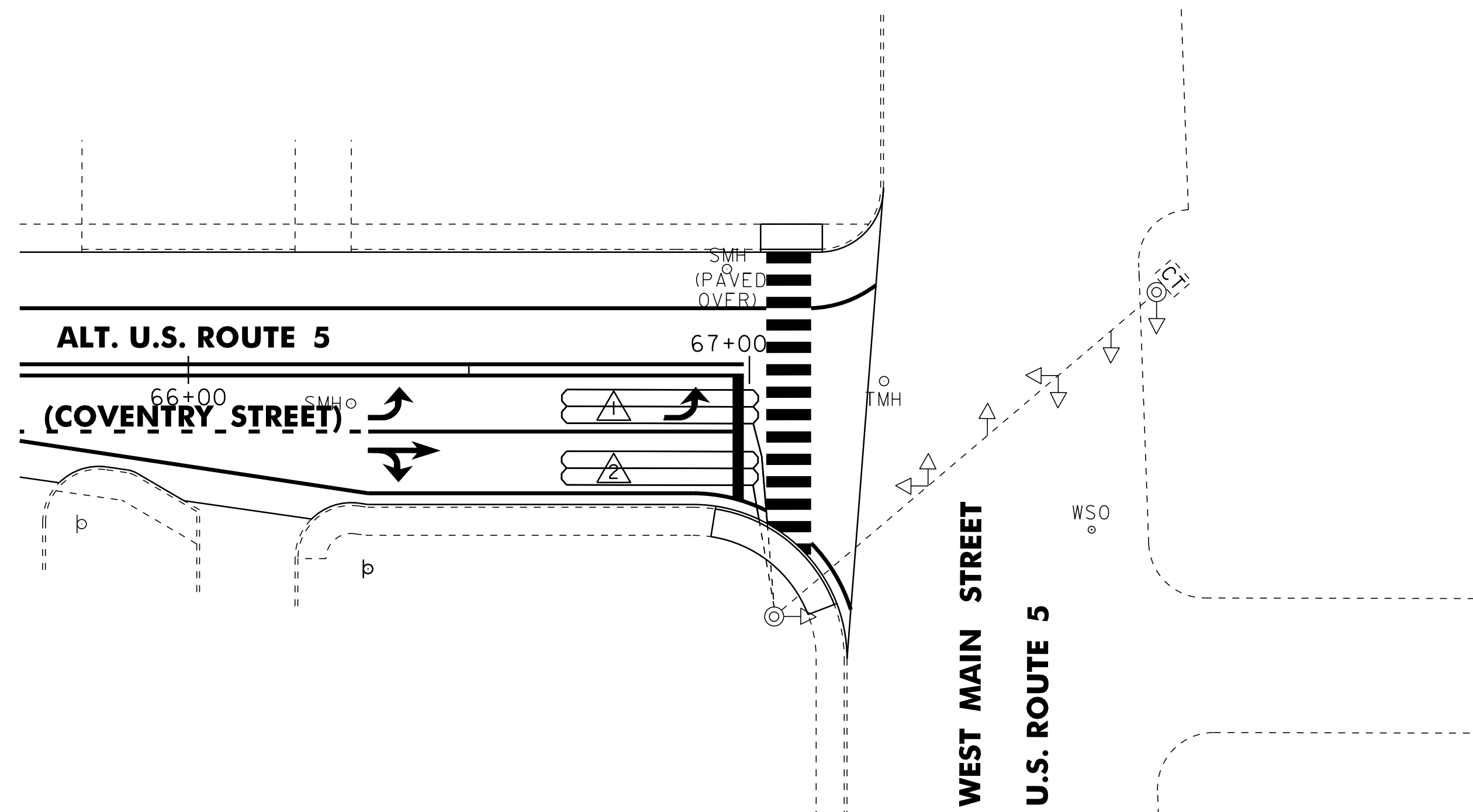


VEHICLE LOOP DETECTORS												
LAYOUT SHEET	LOOP NO.	LANE	CALL Ø	SIZE (FT)	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE		RESISTANCE		LEAKAGE TO GROUND	LOCKING MEMORY
							CALC.	ACT.	CALC.	ACT.		
8	1	ALT. U.S. ROUTE 5 LEFT ONLY		6' X 35'	QUAD - 2	PRESENCE	340		0.496			YES
8	2	ALT. U.S. ROUTE 5 RIGHT/THROUGH		6' X 35'	QUAD - 2	PRESENCE	338		0.460			NO
ALL CALCULATED VALUES ARE AT THE CONTROLLER. MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.												



**ALT. U.S. ROUTE 5 – WEST MAIN STREET (U.S. ROUTE 5) INTERSECTION**

**NOTES:**

PRIOR TO COLD PLANING, ANY VEHICLE LOOP DETECTORS SHALL BE DISCONNECTED IN THE CONTROLLER CABINET AND CUT AT THE CURB.

ONCE THE LOOP IS DISCONNECTED, THE SIGNAL PHASE THAT IT WAS CALLING SHALL BE PUT ON MAX RECALL OR THE SIGNAL PUT ON FLASH AND TRAFFIC CONTROLLED BY A UNIFORMED TRAFFIC OFFICER.

ALL BITUMINOUS AREAS TO RECEIVE NEW VEHICLE LOOP DETECTORS SHALL BE LEVELED WITH TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT AS DIRECTED BY THE RESIDENT ENGINEER PRIOR TO THE INSTALLATION OF THE NEW LOOP DETECTORS.

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.

AFTER ACCEPTANCE OF THE LOOP INSTALLATION BY THE RESIDENT ENGINEER, RETURN THE SIGNAL TO NORMAL OPERATION. ALL WORK REQUIRED SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 678.22, VEHICLE LOOP DETECTOR.

LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
⊙	EXISTING STRAIN POLE
▭	VEHICLE LOOP DETECTOR
←	EXISTING SIGNAL
PB	EXISTING PULL BOX
△	LOOP NO.

<b>NOT TO SCALE</b> <b>VEHICLE LOOP DETECTOR</b> <b>DETAIL SHEET</b>	PROJECT NAME: NEWPORT CITY
	PROJECT NUMBER: STP 2719(I)
	FILE NAME: 07D202.dgn
	PLOT DATE: 29-JAN-2013 09:2
PROJECT LEADER: JLL	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: JLL
IPARM FILE: 07D202.22.i	SHEET 22 OF 62