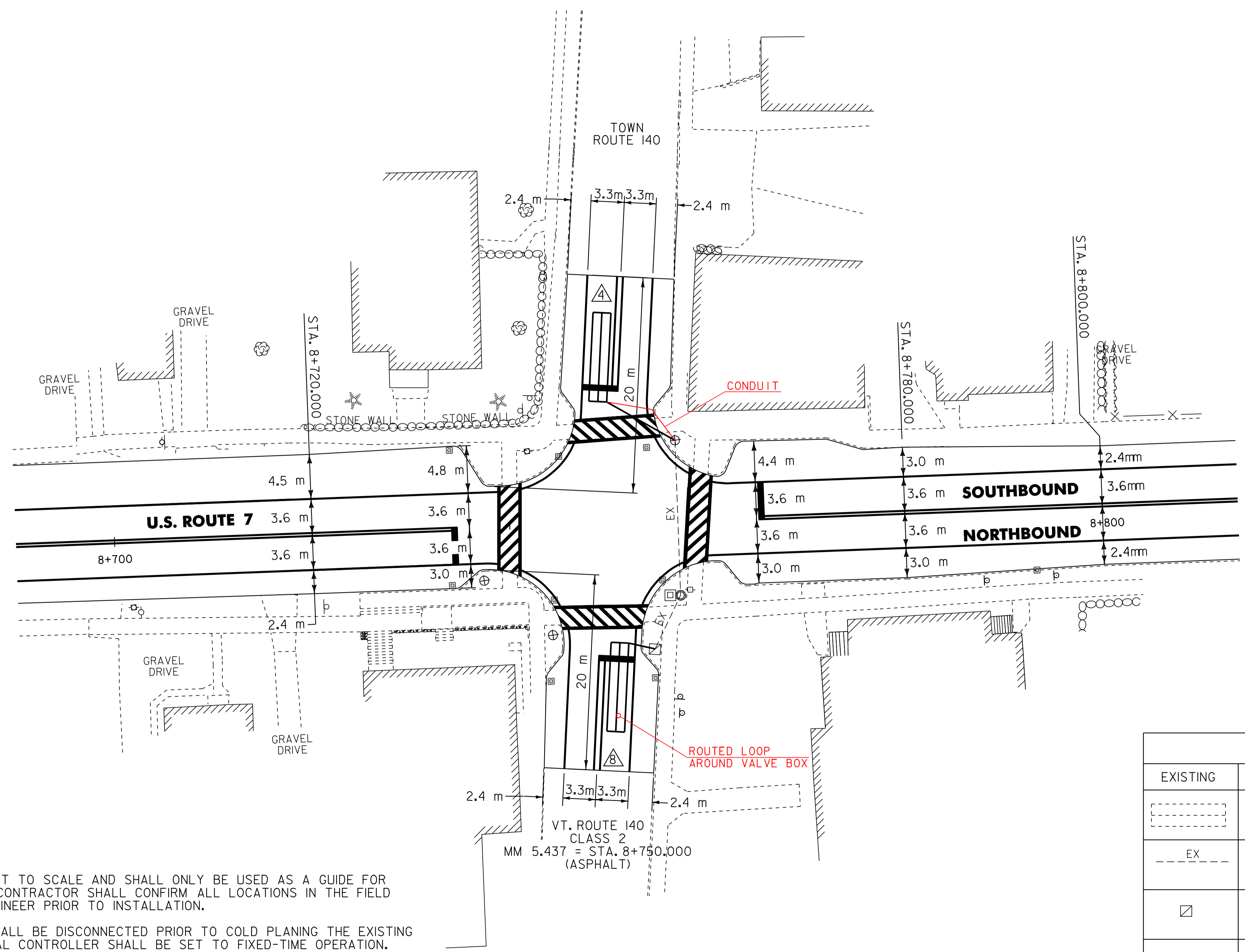


VEHICLE LOOP DETECTORS							TEST RESULTS AT CONTROLLER				
LANE	LOOP NO.	SIZE	TYPE	NO TURNS	MODE	AMP	INDUCTANCE (uH)		RESISTANCE $\Omega$ @ 25°C		(M $\Omega$ )
							CALCULATED	MEASURED*	CALCULATED	MEASURED*	
EB THRU	4	1.8m x 9.0m	QUAD.	2	PRESENCE	NON-DELAY	278	347	0.68	0.80	LEAKAGE TO GROUND
WB THRU	8	1.8m x 9.0m	QUAD.	2	PRESENCE	NON-DELAY	260	348	0.52	1.20	

\* MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.  
 \*\* MEASURED AT PANEL



**NOTES:**

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR LOOP PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION.
2. ALL EXISTING LOOPS SHALL BE DISCONNECTED PRIOR TO COLD PLANING THE EXISTING HIGHWAY SURFACE. SIGNAL CONTROLLER SHALL BE SET TO FIXED-TIME OPERATION.
3. ALL LOOPS WILL EXTEND 1.5 m PAST THE CENTER OF THE STOP BAR ON EACH APPROACH.
4. LOOPS SHALL BE INSTALLED IN THE PAVEMENT PRIOR TO THE PLACEMENT OF THE WEARING COURSE.
5. LOOP WIRE SHALL BE SPLICED TO THE EXISTING LEAD-IN CABLE AT THE NEAREST JUNCTION BOX/POLE.
6. IF WATER VALVES, DROP INLETS OR OTHER OBSTRUCTIONS ARE ENCOUNTERED WITHIN THE AREA OF A PROPOSED LOOP, THE CONTRACTOR SHALL TAKE SPECIAL CARE TO AVOID THE OBSTRUCTION DURING LOOP INSTALLATION. IF LOOP SIZES OR SHAPES ARE TO BE MODIFIED DUE TO OBSTRUCTIONS THE RESIDENT ENGINEER MUST APPROVE LAYOUT PRIOR TO INSTALLATION.
7. SEE STANDARD E-172 OF THE VAOT STANDARD DETAIL SHEETS FOR LOOP DETAILS.

LEGEND		
EXISTING	NEW	DESCRIPTION
		VEHICLE LOOP
		CONDUIT
		JUNCTION BOX
		CONTROLLER CABINET

DATUM	
VERTICAL	N/A
HORIZONTAL	N/A

**TRAFFIC LOOP LAYOUT SHEET**

SURVEYED BY	N/A	DATE	N/A
DRAWN BY	C.A.K.	DATE	8/05
SQUAD LEADER	D.E.G.		
DESIGN FILE NO.	/pave/98b098/pb098.dgn		
IPARM FILE	pb098traf1.i	DATE PLOTTED	08-JUL-2007 15:00
PROJ. NAME	WALLINGFORD		
PROJ. NO.	NH 2108(I)S & STP EHO4(6)		
SHEET	53 OF 110	SHEETS	