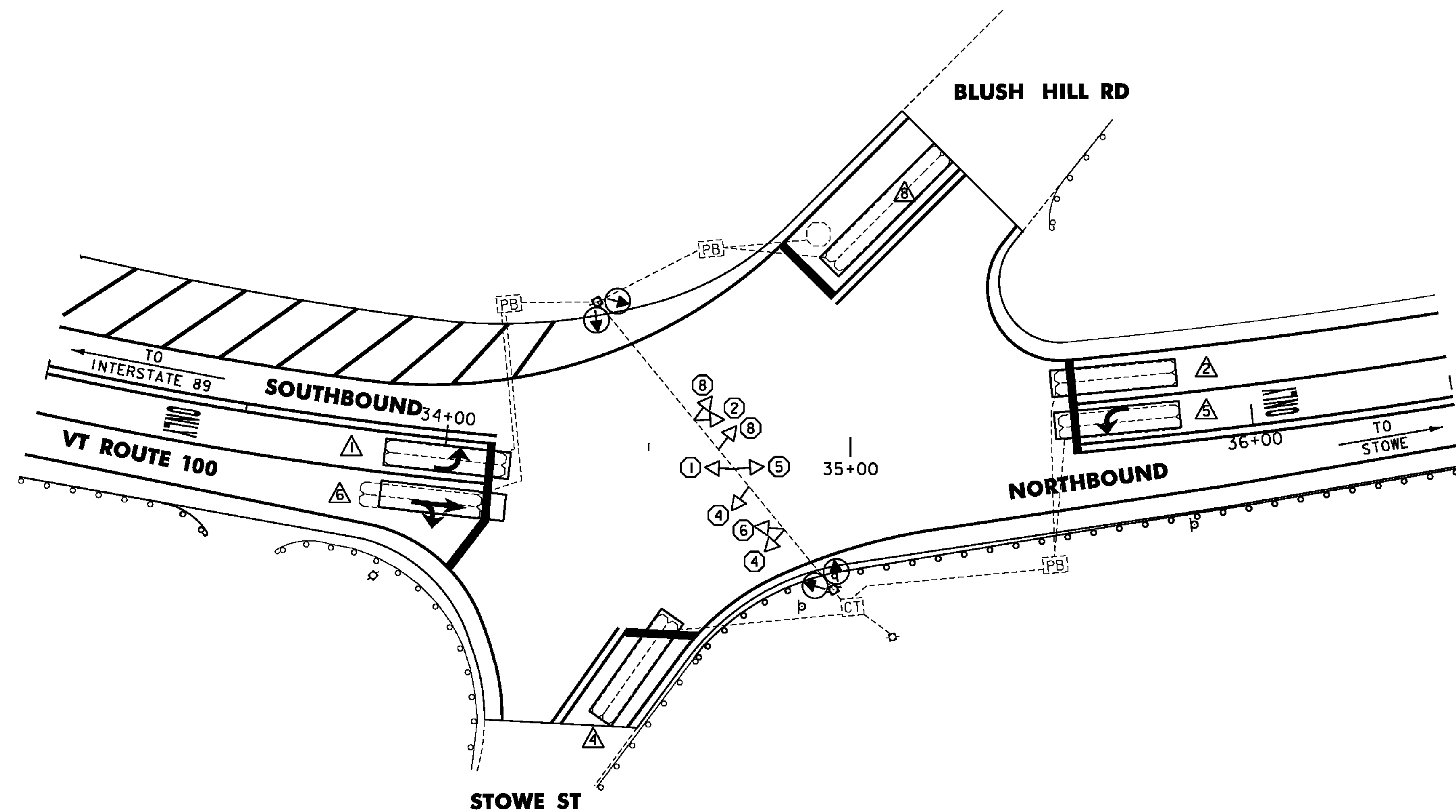


ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 100 @ STOWE ST) STA. 34+57, RT (VT ROUTE 100 @ BLUSH HILL RD) STA. 34+58, LT		
QUANTITY	UNIT	DESCRIPTION
4	EA	VIDEO DETECTOR CAMERA ASSEMBLY
4	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET
350	LF	VIDEO DETECTOR CABLE



LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
⊕	EXISTING SIGNAL POLE
▭	VIDEO DETECTION AREA
⊙	VIDEO DETECTOR CAMERA
⊙	EXISTING VIDEO DETECTOR CAMERA
←	EXISTING SIGNAL
PB	EXISTING PULL BOX
⊕	EXISTING PHASE
△	DETECTION AREA

**NOTES:**

- THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
- VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
- EXISTING VEHICLE DETECTOR LOOPS SHALL BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 100 @ BLUSH HILL RD.)
- ANY OTHER MISCELLANEOUS EQUIPMENT AND LABOR NECESSARY TO PROVIDE A FULLY FUNCTIONAL VIDEO VEHICLE DETECTION SYSTEM SHALL BE INCIDENTAL TO ITEM 900.620, SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 100 @ BLUSH HILL RD.)
- THE VIDEO DETECTION SYSTEM SHALL BE AN ECONOLITE AUTOSCOPE IMAGE SENSOR - AIS-V OR TRAFICON VIP SERIES OR ITERIS VERSICAM SYSTEM OR APPROVED EQUAL.
- ALL EXISTING LOOP DETECTOR EQUIPMENT TO BE SALVAGED IS TO BE REMOVED AND RETURNED BY THE CONTRACTOR TO THE VTRANS TRAFFIC SHOP IN BERLIN, VT WITHIN 48 HOURS OF REMOVAL. CONTACT RUSS VELANDER AT 828-3535 WITH ANY QUESTIONS.

NOT TO SCALE

**VIDEO  
DETECTION  
SYSTEM  
SHEET #1**

PROJECT NAME: WATERBURY  
PROJECT NUMBER: STP 220(I)

FILE NAME: p99b154.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p99b154vds01.i

PLOT DATE: 12/7/2010  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 44 OF 49

