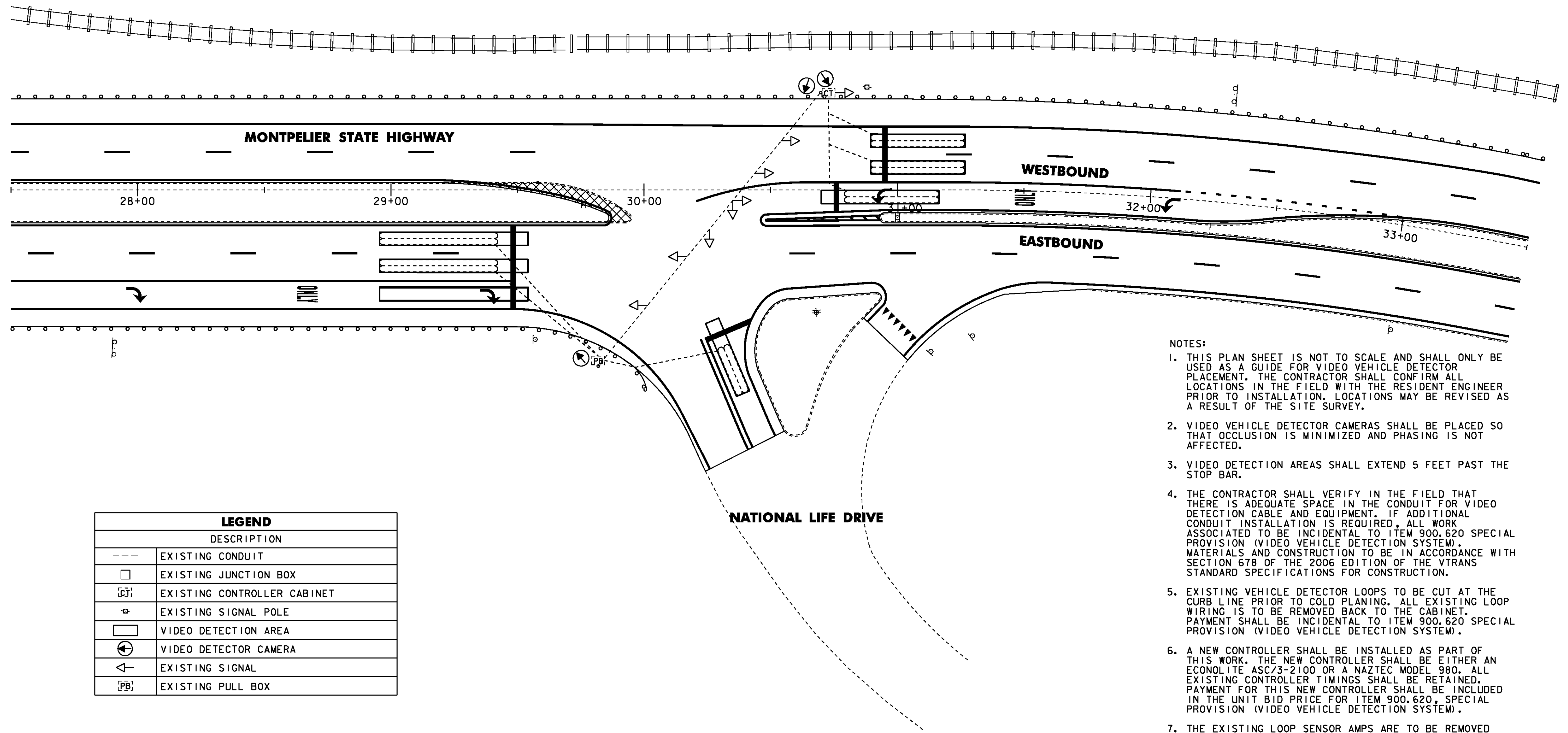


ITEM 900.620 SPECIAL PROVISION  
(VIDEO VEHICLE DETECTION SYSTEM)  
(MONTPELIER STATE HIGHWAY @ NATIONAL LIFE DRIVE)  
STA. 29+98, RT

QUANTITY	UNIT	DESCRIPTION
3	EA	VIDEO DETECTOR CAMERA ASSEMBLY
220	LF	VIDEO DETECTOR CABLE
3	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET
1	EA	CONTROLLER



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.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR VIDEO DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2006 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. ALL EXISTING LOOP WIRING IS TO BE REMOVED BACK TO THE CABINET. PAYMENT SHALL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM).
- A NEW CONTROLLER SHALL BE INSTALLED AS PART OF THIS WORK. THE NEW CONTROLLER SHALL BE EITHER AN ECONOLITE ASC/3-2100 OR A NAZTEC MODEL 980. ALL EXISTING CONTROLLER TIMINGS SHALL BE RETAINED. PAYMENT FOR THIS NEW CONTROLLER SHALL BE INCLUDED IN THE UNIT BID PRICE FOR ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM).
- THE EXISTING LOOP SENSOR AMPS ARE TO BE REMOVED AND RETURNED BY THE CONTRACTOR TO THE VTRANS TRAFFIC SHOP IN BERLIN, VT WITHIN 48 HOURS OF REMOVAL. CONTACT RUSS VELANDER, TRAFFIC OPERATIONS SUPERVISOR, AT 828-3535 WITH ANY QUESTIONS.

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

NOT TO SCALE

**VIDEO  
DETECTION  
SYSTEM  
SHEET**

PROJECT NAME: MONTPELIER

PROJECT NUMBER: NH 290(I)

FILE NAME: p09B316.dgn

PROJECT LEADER: JLL

DESIGNED BY: STANTEC

IPARM FILE: p09b316vdl.i

PLOT DATE: 26-MAY-2011

DRAWN BY: STANTEC

CHECKED BY: STANTEC

SHEET 58 OF 79

