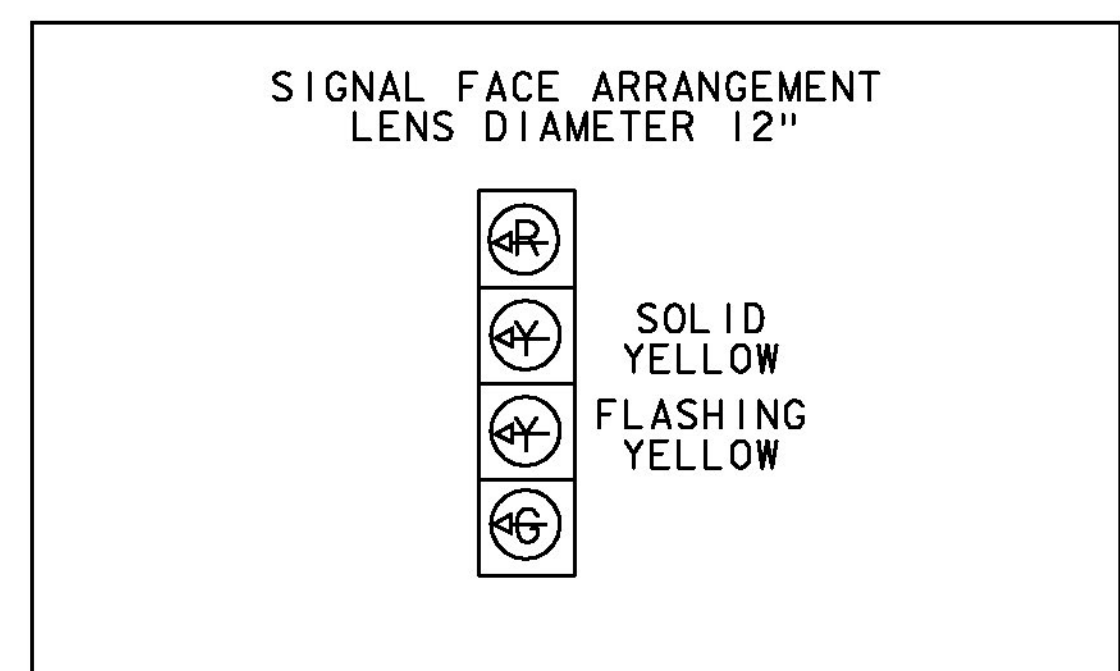
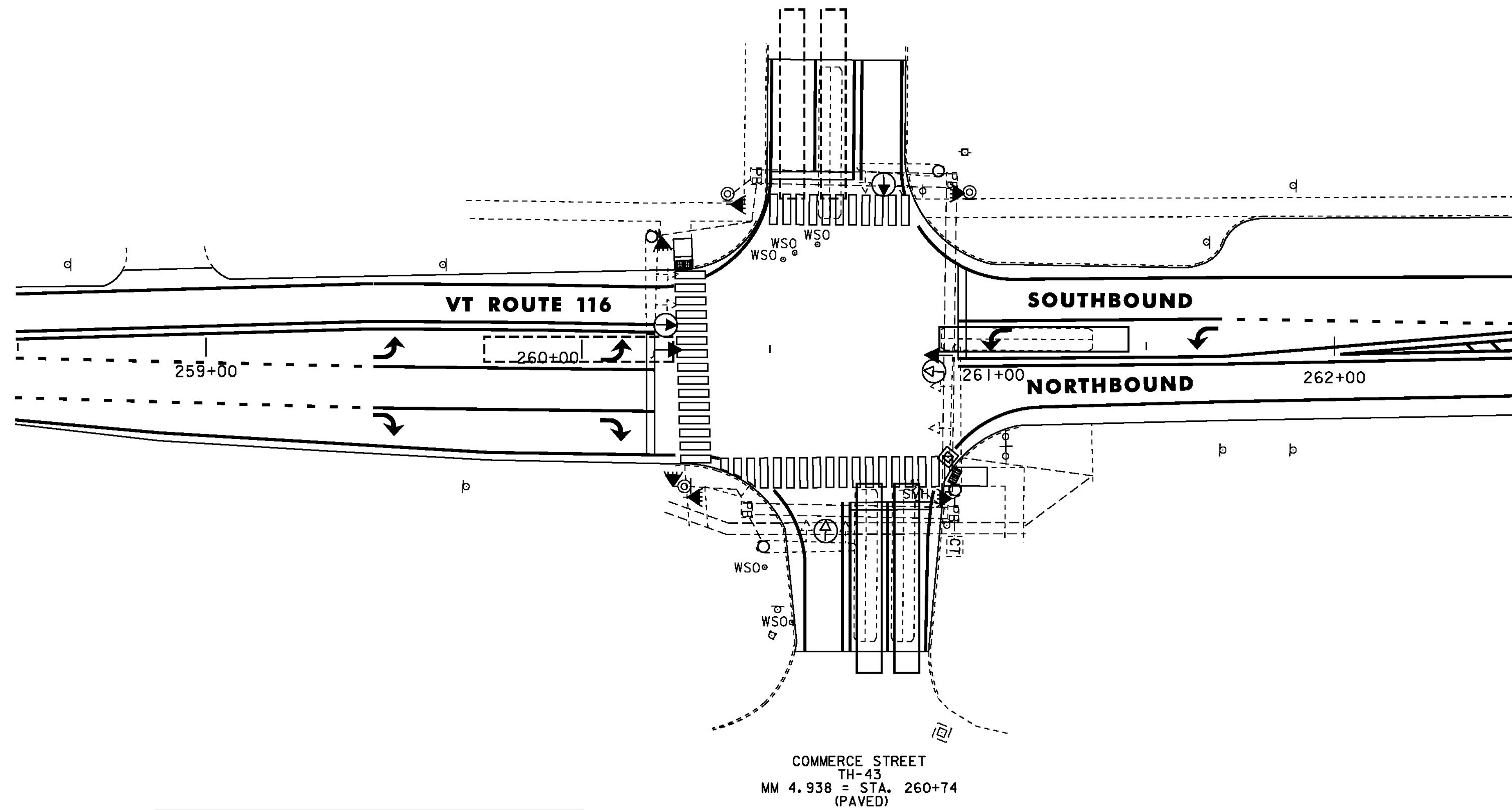


VT ROUTE 116 /COMMERCE STREET INTERSECTION



NOTE: FLASHING YELLOW SHALL NOT BE DISPLAYED WHEN OPERATING IN PROTECTED ONLY MODE

LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
[CT]	EXISTING CONTROLLER CABINET
⊙	EXISTING POLE
[---]	EXISTING VIDEO DETECTION AREA
[]	VIDEO DETECTION AREA
⊙	EXISTING VIDEO DETECTOR CAMERA
⊙	PROPOSED VIDEO DETECTOR CAMERA
⊙	EXISTING VEHICLE SIGNAL
⊙	PROPOSED VEHICLE SIGNAL
[PB]	EXISTING PULL BOX
⊙	EXISTING PEDESTRIAN SIGNAL
⊙	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL

ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 116 @ COMMERCE STREET) HINESBURG STA. 260+74		
QUANTITY	UNIT	DESCRIPTION
2	EA	VIDEO DETECTOR CAMERA ASSEMBLY
400	LF	VIDEO DETECTOR CABLE
2	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET
1	EA	CABINET RACK *
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY) *

* INCIDENTAL TO OTHER TRAFFIC SIGNAL ITEMS

ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (VT ROUTE 116 @ COMMERCE STREET) HINESBURG STA. 260+74		
QUANTITY	UNIT	DESCRIPTION
6	EA	COUNT-DOWN PEDESTRIAN SIGNAL WITH MOUNTING HARDWARE
5	EA	ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY

ITEM 900.620 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED) (VT ROUTE 116 @ COMMERCE STREET) HINESBURG STA. 260+74		
QUANTITY	UNIT	DESCRIPTION
2	EA	VEHICLE SIGNAL HEAD (INCLUDING FLASHING YELLOW ARROW OPERATION)

NOTES:

1. 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 ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
2. VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
3. VIDEO DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
4. 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) (VT ROUTE 116 @ COMMERCE STREET). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2011 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
5. EXISTING VEHICLE DETECTOR LOOPS TO 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 116 @ COMMERCE STREET).
6. VIDEO DETECTION CAMERAS SHALL BE ECONOLITE AUTOSCOPE ENCORE TO BE COMPATIBLE WITH EXISTING INFRASTRUCTURE.

NOT TO SCALE

**TRAFFIC
SIGNAL
SYSTEMS
SHEET #2**

PROJECT NAME: STARKSBORO-HINESBURG
PROJECT NUMBER: STP 2930(I)

FILE NAME: p10b266.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10b266tsss02.1

PLOT DATE: 17-DEC-2012
DRAWN BY: STANTEC
CHECKED BY: MCF
SHEET 118 OF 119

