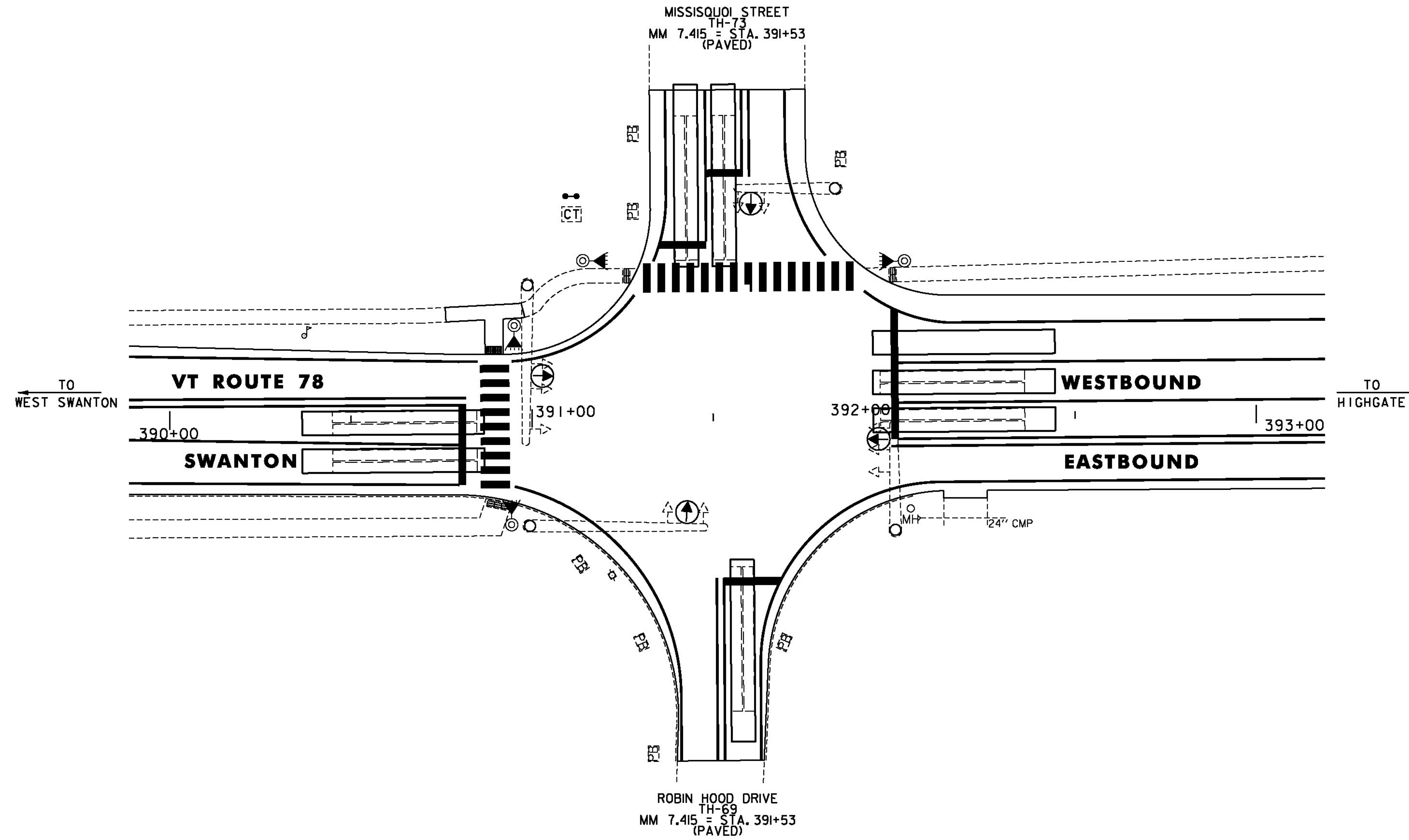


VT ROUTE 78 / ROBIN HOOD DRIVE INTERSECTION



LEGEND	
DESCRIPTION	
[CT]	EXISTING CONTROLLER CABINET
⊕	EXISTING POLE
[---]	EXISTING LOOP DETECTOR
[]	DETECTION AREA
⊙	PROPOSED DETECTOR
←	EXISTING VEHICLE SIGNAL
[PB]	EXISTING PULL BOX
➔	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL

ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (VT ROUTE 78 @ ROBIN HOOD DRIVE) SWANTON STA. 391+53		
QUANTITY	UNIT	DESCRIPTION
4	EA	DETECTOR ASSEMBLY
555	LF	DETECTOR CABLE
4	EA	DETECTOR MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)

ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (VT ROUTE 78 @ ROBIN HOOD DRIVE) SWANTON STA. 391+53		
QUANTITY	UNIT	DESCRIPTION
4	EA	COUNT-DOWN PEDESTRIAN SIGNAL WITH MOUNTING HARDWARE
4	EA	ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY (SEE NOTE 3)

NOTES:

1. THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR THE PLACEMENT OF THE HARDWARE LISTED. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. THE ACTUAL STOP BAR DETECTOR LOCATION WILL BE DETERMINED BASED ON THE OPTIMAL LOCATION FOR THE TYPE OF DETECTOR SELECTED. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY AND FINAL LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
2. THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT FOR DETECTION CABLE AND EQUIPMENT. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED FOR INSTALLATION SHALL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (VT ROUTE 78 @ ROBIN HOOD DRIVE). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2011 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
3. FOR INFORMATION REGARDING THE INSTALLATION OF ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLIES (ORIENTATION, HEIGHT, ETC.), SEE SECTION 4E.08 PEDESTRIAN DETECTORS IN THE 2009 MUTCD.
4. VEHICLE STOP BAR DETECTION UNIT SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
5. DETECTION AREAS SHALL EXTEND 5 FEET PAST THE STOP BAR.
6. EXISTING VEHICLE LOOP DETECTORS SHALL BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (VT ROUTE 78 @ ROBIN HOOD DRIVE).

NOT TO SCALE

**TRAFFIC
SIGNAL
SYSTEMS
SHEET**

PROJECT NAME: SWANTON-SHELDON	
PROJECT NUMBER: STP 2715(I)	
FILE NAME: p07c186.dgn	PLOT DATE: 4/24/2014
PROJECT LEADER: G. EDWARDS	DRAWN BY: G. BARRETT
DESIGNED BY: G. BARRETT	CHECKED BY: M. FOISY
	SHEET 120 OF 121

