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. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.

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 CONTRACT ITEM 900.620-SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678.

3. FOR INFORMATION REGARDING THE INSTALLATION OF THE ACCESSIBLE PEDESTRIAN PUSH BUTTON ASSEMBLIES (ORIENTATION, HEIGHT, ETC.), SEE SECTION 4E08-PEDESTRIAN DETECTORS IN THE 2009 EDITION OF THE MUTCD.

4. THE ACTUAL STOP BAR DETECTION LOCATION WILL BE DETERMINED DURING CONSTRUCTION BASED ON THE OPTIMAL LOCATION FOR TYPE OF DETECTOR SELECTED. FINAL LOCATION TO BE APPROVED BY THE ENGINEER.

5. STOP BAR DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR. ACTUAL DETECTION ZONES TO BE SET UP FOR OPTIMAL DETECTION BY THE CONTRACTOR BASED ON THE FINAL PAVEMENT MARKINGS.

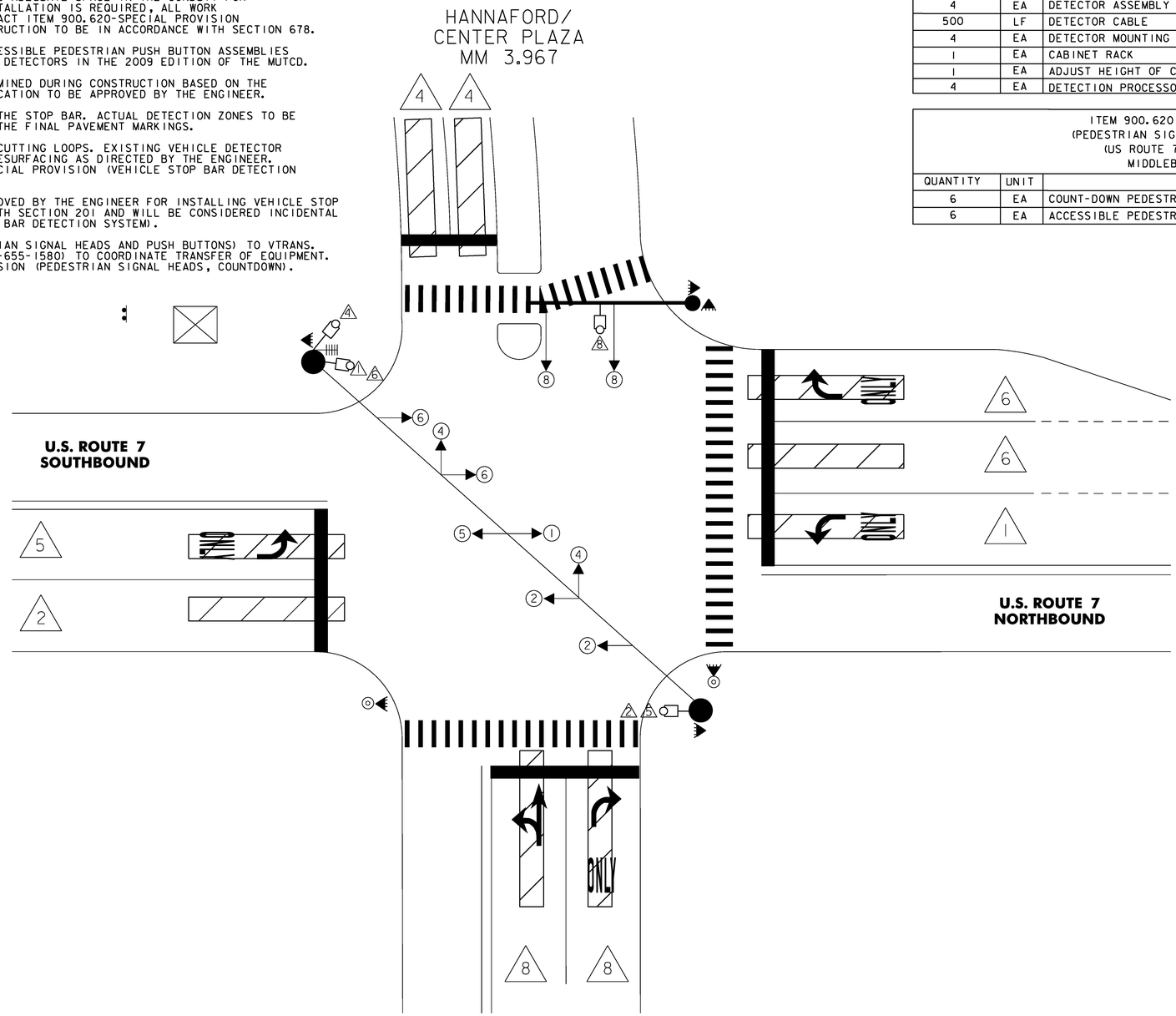
6. STOP BAR DETECTION SYSTEM TO BE OPERATIONAL PRIOR TO CUTTING LOOPS. EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING/RESURFACING AS DIRECTED BY THE ENGINEER. PAYMENT SHALL BE INCIDENTAL TO CONTRACT ITEM 900.620-SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM).

7. ANY THINNING AND TRIMMING AND/OR REMOVAL OF TREES APPROVED BY THE ENGINEER FOR INSTALLING VEHICLE STOP BAR DETECTION SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 201 AND WILL BE CONSIDERED INCIDENTAL TO CONTRACT ITEM 900.620-SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM).

8. SALVAGE EXISTING PEDESTRIAN SIGNAL EQUIPMENT (PEDESTRIAN SIGNAL HEADS AND PUSH BUTTONS) TO VTRANS. CONTACT STEVE GUYETTE, DISTRICT 5 SIGNAL TECHNICIAN (802-655-1580) TO COORDINATE TRANSFER OF EQUIPMENT. PAYMENT WILL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN).

ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (US ROUTE 7 @ CENTER PLAZA) MIDDLEBURY MM 3.967		
QUANTITY	UNIT	DESCRIPTION
4	EA	DETECTOR ASSEMBLY
500	LF	DETECTOR CABLE
4	EA	DETECTOR MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)
4	EA	DETECTION PROCESSOR CARD

ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (US ROUTE 7 @ CENTER PLAZA) MIDDLEBURY MM 3.967		
QUANTITY	UNIT	DESCRIPTION
6	EA	COUNT-DOWN PEDESTRIAN SIGNAL WITH MOUNTING HARDWARE
6	EA	ACCESSIBLE PEDESTRIAN PUSHBUTTON ASSEMBLY (SEE NOTE 3)



NOT TO SCALE

LEGEND	
DESCRIPTION	
---	EXISTING CONDUIT
	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
	EXISTING POLE
	EXISTING DETECTION AREA
	DETECTION AREA
	EXISTING DETECTOR
	PROPOSED DETECTOR
	EXISTING VEHICLE SIGNAL
	PROPOSED VEHICLE SIGNAL
PB	EXISTING PULL BOX
	EXISTING PEDESTRIAN SIGNAL
	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL
	PROPOSED VEHICLE STOP BAR DETECTOR
	EXISTING WIRELESS INTERCONNECT ANTENNA

PROJECT NAME:	BRANDON - MIDDLEBURY
PROJECT NUMBER:	NH SURF(43)
FILE NAME: pl3B616_Brandon-Middlebury.dgn	PLOT DATE: 02-JUN-2014
PROJECT LEADER: M. FOWLER	DRAWN BY: N. PAPPAS
DESIGNED BY: N. PAPPAS	CHECKED BY: M. FOWLER
TRAFFIC SIGNAL SYSTEM SHEET 1	SHEET 21 OF 28