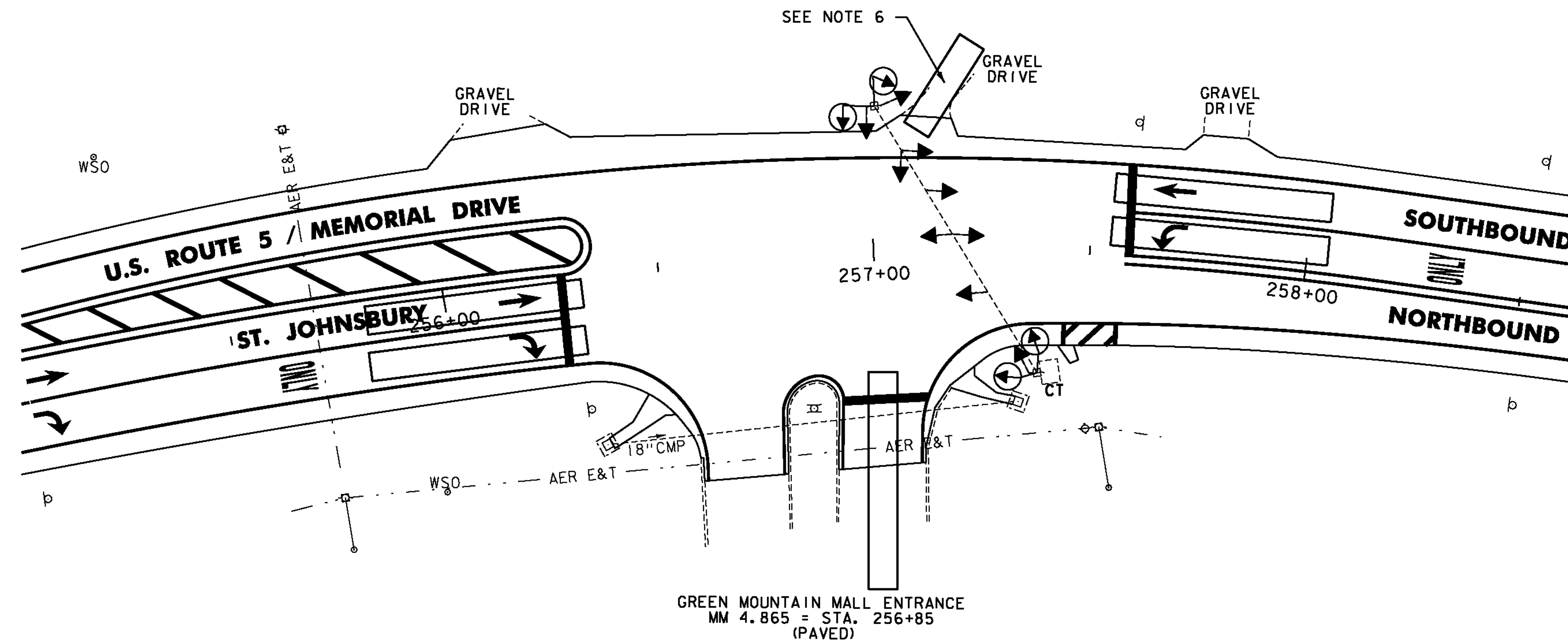


U.S. ROUTE 5 / GREEN MOUNTAIN MALL INTERSECTION



ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 5 @ GREEN MOUNTAIN MALL) ST. JOHNSBURY U.S. ROUTE 5 STA. 256+85		
QUANTITY	UNIT	DESCRIPTION
4	EA	VIDEO DETECTION CAMERA ASSEMBLY
250	LF	VIDEO DETECTION CABLE
4	EA	VIDEO DETECTION CAMERA MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)

ITEM 900.645 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED) (U.S. ROUTE 5 @ GREEN MOUNTAIN MALL) ST. JOHNSBURY U.S. ROUTE 5 STA. 256+85		
QUANTITY	UNIT	DESCRIPTION
5	EA	VEHICLE SIGNAL HEADS (3 SECTION)
3	EA	VEHICLE SIGNAL HEADS (3 SECTION POLE MOUNTED)
1	EA	VEHICLE SIGNAL HEADS (5 SECTION)

NOTES:

- THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR THE PLACEMENT OF 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.
- VIDEO VEHICLE DETECTION 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 FOR INSTALLATION SHALL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 5 @ GREEN MOUNTAIN MALL). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678.
- EXISTING VEHICLE DETECTOR LOOPS TO BE CUT AT THE CURB LINE PRIOR TO COLD PLANING. PAYMENT SHALL BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 5 @ GREEN MOUNTAIN MALL).
- THIS DRIVE CURRENTLY HAS A MICROWAVE DETECTOR. THIS DETECTOR AND ASSOCIATED HARDWARE ARE TO BE REMOVED AND RETURNED TO THE VDOT TRAFFIC SHOP. THE ENGINEER IS TO CONTACT RUSS VELANDER AT 802-828-3535 TO COORDINATE THE DELIVERY OF THIS EQUIPMENT. THIS WORK WILL NOT BE PAID SEPARATELY BUT WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 5 @ GREEN MOUNTAIN MALL).

LEGEND	
DESCRIPTION	
----	EXISTING CONDUIT
□	EXISTING JUNCTION BOX
CT	EXISTING CONTROLLER CABINET
⊕	EXISTING POLE
⊔	EXISTING VIDEO DETECTION AREA
▭	VIDEO DETECTION AREA
⊕	EXISTING VIDEO DETECTION CAMERA
⊕	PROPOSED VIDEO DETECTION CAMERA
⊕	EXISTING VEHICLE SIGNAL
⊕	PROPOSED VEHICLE SIGNAL
PB	EXISTING PULL BOX
⊕	EXISTING PEDESTRIAN SIGNAL
⊕	PROPOSED COUNT-DOWN PEDESTRIAN SIGNAL

NOT TO SCALE

TRAFFIC SIGNAL SYSTEMS SHEET #3



PROJECT NAME: ST. JOHNSBURY-LYNDON

PROJECT NUMBER: STP 2928(I)

FILE NAME: p10c262.dgn

PROJECT LEADER: JLL

DESIGNED BY: MCF

IPARM FILE: p10c262tss03.i

PLOT DATE: 10/17/2013

DRAWN BY: STANTEC

CHECKED BY: JLL

SHEET 129 OF 133