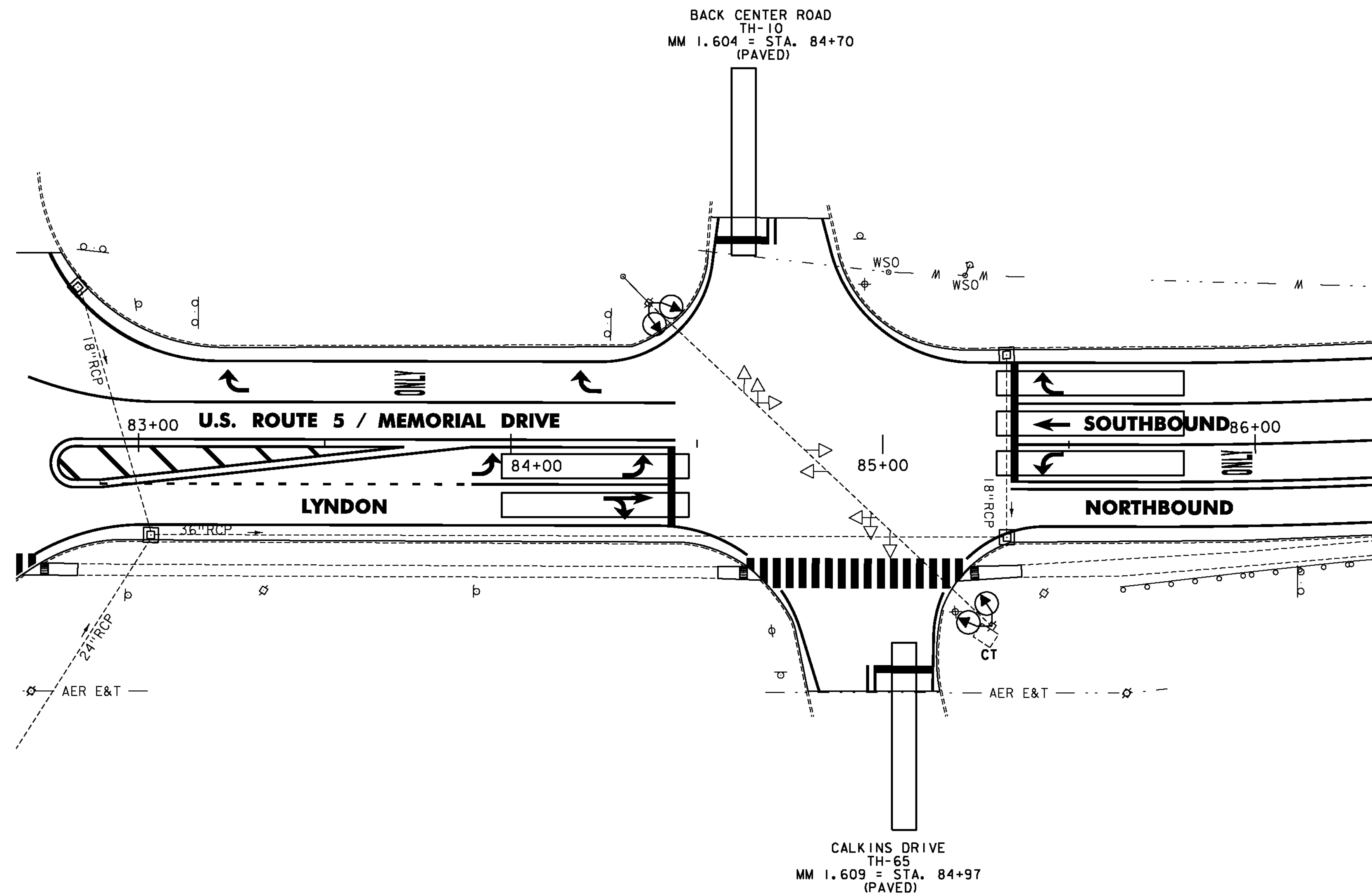


U.S. ROUTE 5 / BACK CENTER ROAD INTERSECTION



ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 5 @ BACK CENTER ROAD) LYNDON U.S. ROUTE 5 STA. 84+70		
QUANTITY	UNIT	DESCRIPTION
4	EA	VIDEO DETECTION CAMERA ASSEMBLY
360	LF	VIDEO DETECTION CABLE
4	EA	VIDEO DETECTION CAMERA MOUNTING BRACKET
1	EA	CABINET RACK
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)

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

NOTES:

- THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTION 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.
- 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 @ BACK CENTER ROAD). 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 @ BACK CENTER ROAD).

NOT TO SCALE

TRAFFIC SIGNAL SYSTEMS SHEET #5



PROJECT NAME: ST. JOHNSBURY-LYNDON

PROJECT NUMBER: STP 2928(I)

FILE NAME: p10c262.dgn

PROJECT LEADER: JLL

DESIGNED BY: MCF

IPARM FILE: p10c262tss05.i

PLOT DATE: 10/17/2013

DRAWN BY: STANTEC

CHECKED BY: JLL

SHEET 131 OF 133