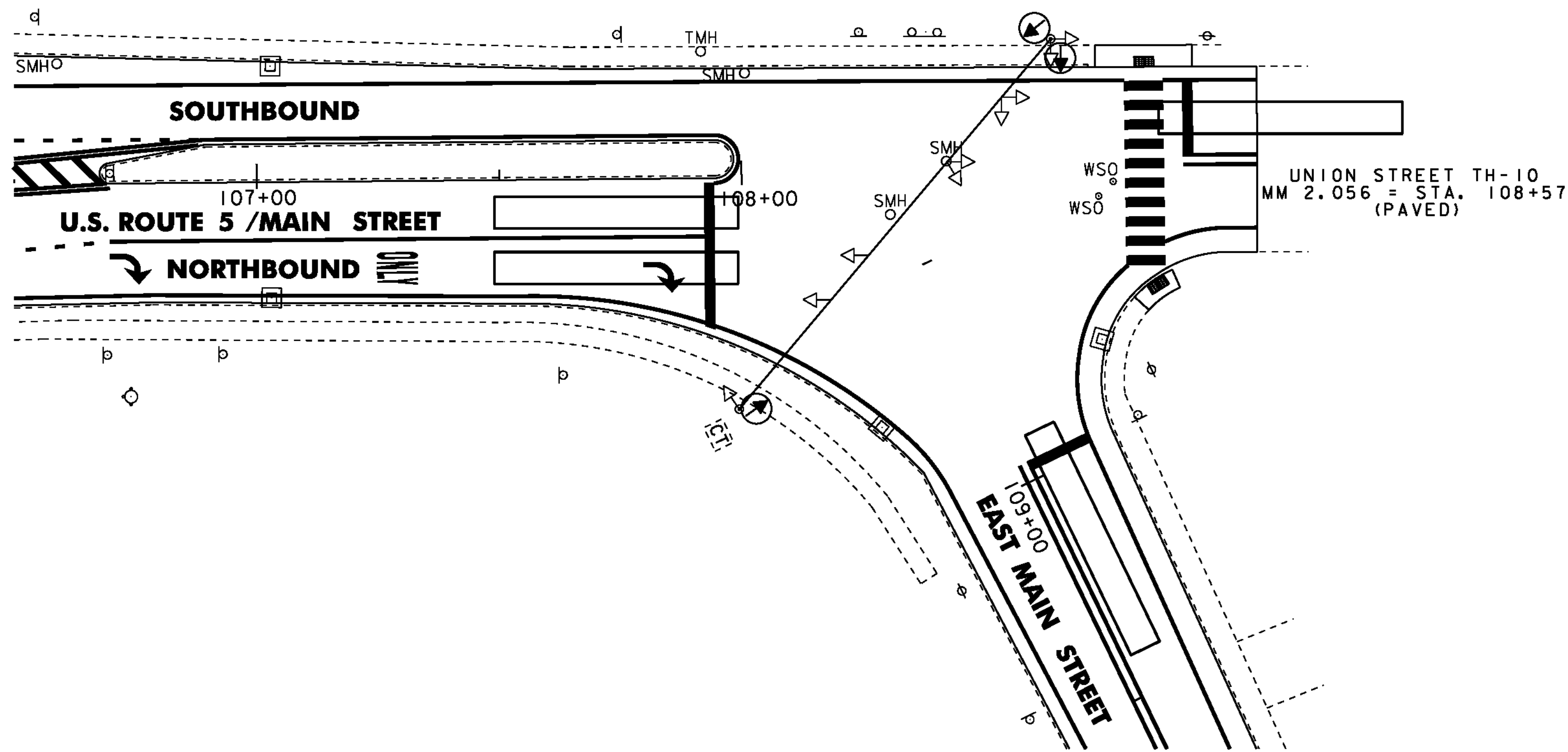


# U.S. ROUTE 5 /MAIN STREET & UNION STREET INTERSECTION

ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 5 @ UNION STREET) STA. 108+70, RT		
QUANTITY	UNIT	DESCRIPTION
3	EA	VIDEO DETECTOR CAMERA ASSEMBLY
450	LF	VIDEO DETECTOR CABLE
3	EA	VIDEO DETECTOR 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
▭	VIDEO DETECTION AREA
⊙	PROPOSED VIDEO DETECTOR CAMERA
◁	EXISTING VEHICLE SIGNAL
◄	PROPOSED VEHICLE SIGNAL
⊞	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 THE PLACEMENT OF THE HARDWARE LISTED. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE RESIDENT ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
- VIDEO VEHICLE DETECTOR 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 TO BE INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (U.S. ROUTE 5 @ UNION STREET). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678 OF THE 2006 EDITION OF THE VTRANS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- 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) (U.S. ROUTE 5 @ UNION STREET).

NOT TO SCALE

**TRAFFIC SIGNAL SYSTEM SHEET #2**

PROJECT NAME: NEWPORT CITY  
PROJECT NUMBER: STP 2704(1)

FILE NAME: p07d196.dgn  
PROJECT LEADER: JLL  
DESIGNED BY: STANTEC  
IPARM FILE: p07d196vds04.i

PLOT DATE: 03-APR-2012  
DRAWN BY: STANTEC  
CHECKED BY: STANTEC  
SHEET 90 OF 91

