

TRAFFIC SIGNAL GENERAL NOTES:

1. ALL SIGNAL HEADS SHALL BE 12' POLYCARBONATE. THE SIGNAL HEADS SHALL HAVE FLAT BLACK HOUSINGS AND VISORS.
2. ALL SIGNAL HEADS SHALL HAVE FLAT BLACK LOUVERED BACK PLATES.
3. ALL SIGNAL HEADS SHALL HAVE RED, YELLOW, AND GREEN L.E.D. SIGNALS WITH A VISIBLE BEAM SPREAD OF 80 DEGREES OFF AXIS.
4. VIDEO VEHICLE DETECTION SYSTEM SHALL BE ECONOLITE AUTOSCOPE ENCORE OR ITERIS VERSICAM OR TRAFICON VIP SERIES.  
THE VIDEO VEHICLE DETECTION SYSTEM SHALL INCLUDE:
  - A) CAMERAS WITH ZOOM LENS AND INTEGRATED MACHINE VISION PROCESSOR IN ONE COMPACT UNIT, WITH INTERNAL HEATER AND INTEGRATED ADJUSTABLE SUNSHIELD.
  - B) ALL MOUNTING HARDWARE (VIDEO DETECTOR CAMERA MOUNTING BRACKET OR VIDEO DETECTOR CAMERA POLE MOUNT EXTENSION BRACKET).
  - C) THE COMMUNICATIONS INTERFACE PANEL, THE DETECTOR PORT MASTER, VIDEO DETECTOR CABLE, PLUS ALL ASSOCIATED EQUIPMENT AND MISCELLANEOUS FITTINGS (INCLUDING CABINET WIRING).
  - D) ALL LABOR, MATERIAL, EQUIPMENT, AND SIGNAL CONTROLLER PROGRAMMING REQUIRED TO COMPLETE THE INSTALLATION AND MAKE THE VVDS FULLY OPERATIONAL.
5. VIDEO VEHICLE DETECTOR CAMERAS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
6. VIDEO DETECTION AREAS SHALL EXTEND 5' PAST THE STOP BAR.
7. 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).
8. ALL NEW EQUIPMENT SHALL MEET OR EXCEED VTRANS STANDARD SPECIFICATIONS (SECTIONS 678 & 752), NEMA STANDARDS AND IMSA OR ITE SPECIFICATIONS, WHERE APPLICABLE. INSTALLATION OF SIGNAL EQUIPMENT SHALL BE AS DETAILED ON THESE PLANS AND THE VTRANS STANDARD DRAWINGS REFERENCED.
9. THE TRAFFIC SIGNALS SHALL BE MOUNTED TO THE ARM OR POLE USING A FIXED MOUNT SYSTEM, UNLESS OTHERWISE NOTED. FOR SIGNALS MOUNTED ON A MAST ARM, THE MAST ARM AND MOUNTING POINT SHALL BE IN THE MIDDLE OF THE SIGNAL HEAD.
10. PEDESTRIAN SIGNALS SHALL BE ACCESSIBLE PEDESTRIAN COUNTDOWN SIGNAL ASSEMBLIES AS PER VTRANS SPECIFICATIONS. INCLUDE VTRANS SPECIFIED ACCESSIBLE PEDESTRIAN PUSH BUTTONS WITH R10-36 SIGN ASSEMBLY, PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). PEDESTRIAN HEADS SHALL HAVE BLACK HOUSINGS AND SYMBOL TYPE FACES. PEDESTRIAN SIGNAL MOUNTING SHALL CONFORM TO VTRANS STANDARD DRAWING E-170.
11. SEE VAOT STANDARD E-171A FOR ADDITIONAL NOTES.
12. THE TRAFFIC SIGNALS AND ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE BY A MASTER ELECTRICIAN LICENSED IN THE STATE OF VERMONT. ALL ELECTRICAL EQUIPMENT AND WIRING SHALL BE UL RATED FOR ITS INTENDED USE.
13. THE CONTRACTOR SHALL SUBMIT FABRICATION DRAWINGS OF EACH NEW TRAFFIC SIGNAL EQUIPMENT ITEM TO THE RESIDENT ENGINEER FOR APPROVAL. FABRICATION DRAWING SUBMITTALS SHALL CONFORM TO VTRANS SPECIFICATIONS.
14. A UNIFORMED TRAFFIC OFFICER WITH A BLUE LIGHT SHALL BE PRESENT DURING ALL LANE CLOSURES.

NOT TO SCALE



**TRAFFIC SIGNAL  
GENERAL NOTES  
SHEET**

PROJECT NAME: BURLINGTON-SOUTH BURLINGTON	
PROJECT NUMBER: NH 2624(I)	
FILE NAME: p06d216.dgn	PLOT DATE: 2/7/2012
PROJECT LEADER:	DRAWN BY: STANTEC
DESIGNED BY: STANTEC	CHECKED BY: STANTEC
IPARM FILE: p06d216tsgn.i	SHEET 92 OF 108