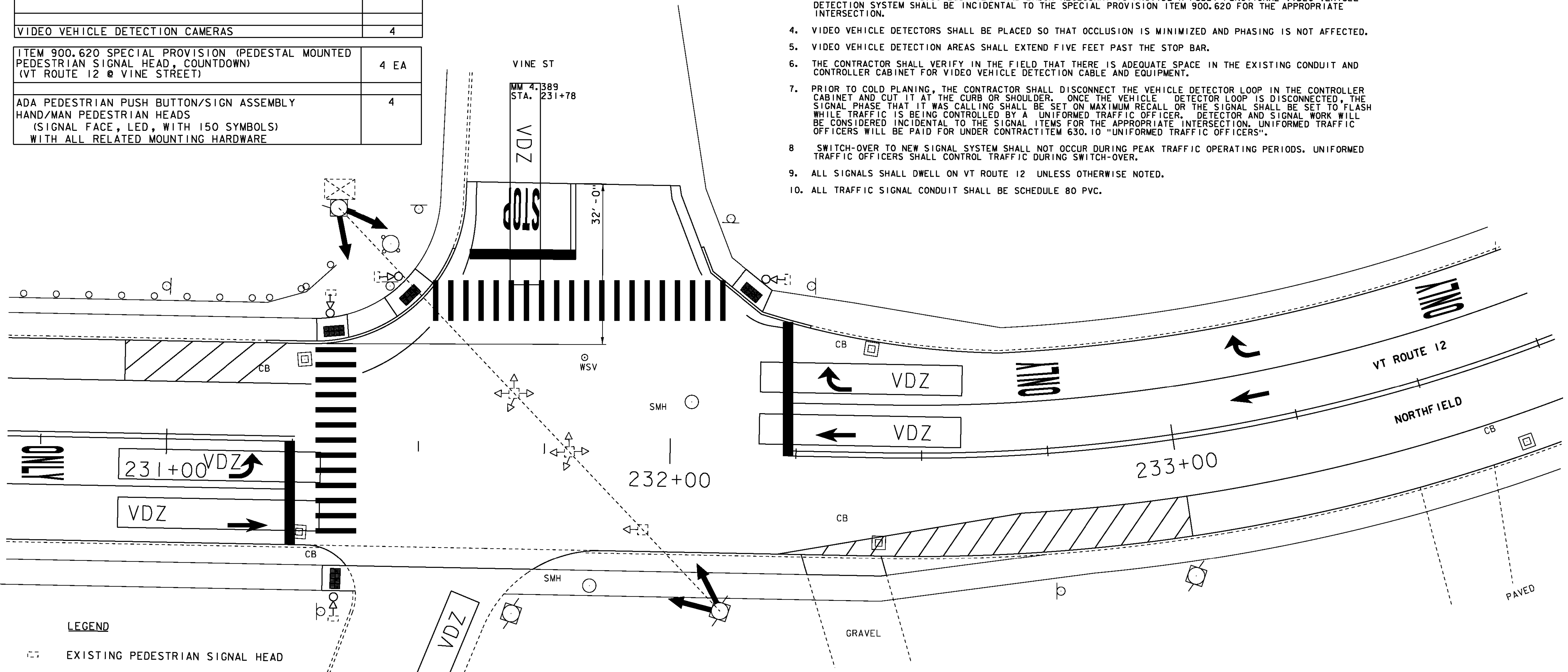


LIST OF MAJOR EQUIPMENT	QUANTITY
ITEM 900.620 SPECIAL PROVISION (VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 12 @ VINE STREET)	1 EA
VIDEO VEHICLE DETECTION CAMERAS	4
ITEM 900.620 SPECIAL PROVISION (PEDESTAL MOUNTED PEDESTRIAN SIGNAL HEAD, COUNTDOWN) (VT ROUTE 12 @ VINE STREET)	4 EA
ADA PEDESTRIAN PUSH BUTTON/SIGN ASSEMBLY HAND/MAN PEDESTRIAN HEADS (SIGNAL FACE, LED, WITH 150 SYMBOLS) WITH ALL RELATED MOUNTING HARDWARE	4

NOTES:

- EXISTING CONTROLLER TIMINGS SHALL BE RETAINED.
- EXISTING CONDUIT SHALL BE UTILIZED FOR NECESSARY WIRING.
- ANY OTHER MISCELLANEOUS EQUIPMENT AND LABOR NECESSARY TO PROVIDE A FULLY FUNCTIONAL VIDEO VEHICLE DETECTION SYSTEM SHALL BE INCIDENTAL TO THE SPECIAL PROVISION ITEM 900.620 FOR THE APPROPRIATE INTERSECTION.
- VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- VIDEO VEHICLE DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE EXISTING CONDUIT AND CONTROLLER CABINET FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.
- PRIOR TO COLD PLANING, THE CONTRACTOR SHALL DISCONNECT THE VEHICLE DETECTOR LOOP IN THE CONTROLLER CABINET AND CUT IT AT THE CURB OR SHOULDER. ONCE THE VEHICLE DETECTOR LOOP IS DISCONNECTED, THE SIGNAL PHASE THAT IT WAS CALLING SHALL BE SET ON MAXIMUM RECALL OR THE SIGNAL SHALL BE SET TO FLASH WHILE TRAFFIC IS BEING CONTROLLED BY A UNIFORMED TRAFFIC OFFICER. DETECTOR AND SIGNAL WORK WILL BE CONSIDERED INCIDENTAL TO THE SIGNAL ITEMS FOR THE APPROPRIATE INTERSECTION. UNIFORMED TRAFFIC OFFICERS WILL BE PAID FOR UNDER CONTRACT ITEM 630.10 "UNIFORMED TRAFFIC OFFICERS".
- SWITCH-OVER TO NEW SIGNAL SYSTEM SHALL NOT OCCUR DURING PEAK TRAFFIC OPERATING PERIODS. UNIFORMED TRAFFIC OFFICERS SHALL CONTROL TRAFFIC DURING SWITCH-OVER.
- ALL SIGNALS SHALL DWELL ON VT ROUTE 12 UNLESS OTHERWISE NOTED.
- ALL TRAFFIC SIGNAL CONDUIT SHALL BE SCHEDULE 80 PVC.



LEGEND

- EXISTING PEDESTRIAN SIGNAL HEAD
- EXISTING PEDESTRIAN SIGNAL FACE
- EXISTING TRAFFIC SIGNAL HEAD
- EXISTING TRAFFIC SIGNAL FACE
- EXISTING TRAFFIC CONTROL BOX
- EXISTING STRAIN POLE
- EXISTING MAST ARM
- VIDEO DETECTION ZONE
- VIDEO CAMERA
- PEDESTRIAN SIGNAL FACE

- ALL TRAFFIC SIGNAL CONDUIT WORK SHALL BE PERFORMED IN ACCORDANCE WITH VTrans' "STANDARD SPECIFICATIONS FOR CONSTRUCTION", DATED 2011, SECTION 678.
- A UNIFORMED TRAFFIC OFFICER WITH A BLUE LIGHT SHALL BE PRESENT DURING ALL LANE CLOSURES.
- THE CONTRACTOR SHALL ACQUIRE ALL THE NECESSARY PERMITS AND MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY TO PROVIDE A PERMANENT POWER SUPPLY TO THE TRAFFIC SIGNAL EQUIPMENT, IF APPLICABLE. THE ROUTING OF POWER TO THE INTERSECTION SHALL BE SUCH THAT THE STATE HAS FULL RESPONSIBILITY FROM THE TRANSFORMER THROUGH THE SIGNAL SYSTEM. NO INTERVENING OWNERSHIP/RESPONSIBILITY SHALL BE ALLOWED.
- ALL ELECTRICAL WIRING SHALL BE DONE BY A LICENSED ELECTRICIAN AND OVERSEEN BY A MASTER ELECTRICIAN.

NOT TO SCALE

**INTERSECTION
TRAFFIC SIGNAL
EQUIPMENT SHEET**

PROJECT NAME: BETHEL-NORTHFIELD
PROJECT NUMBER: STP 2922(I)

FILE NAME: pi0C246.dgn
PROJECT LEADER: CDL
DESIGNED BY: SJL
PLOT FILE: pi0C246_74.1

PLOT DATE: 1/3/13
DRAWN BY: JBG
CHECKED BY: CDL
SHEET 74 OF 149