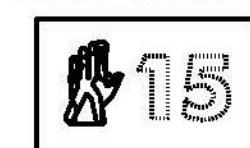


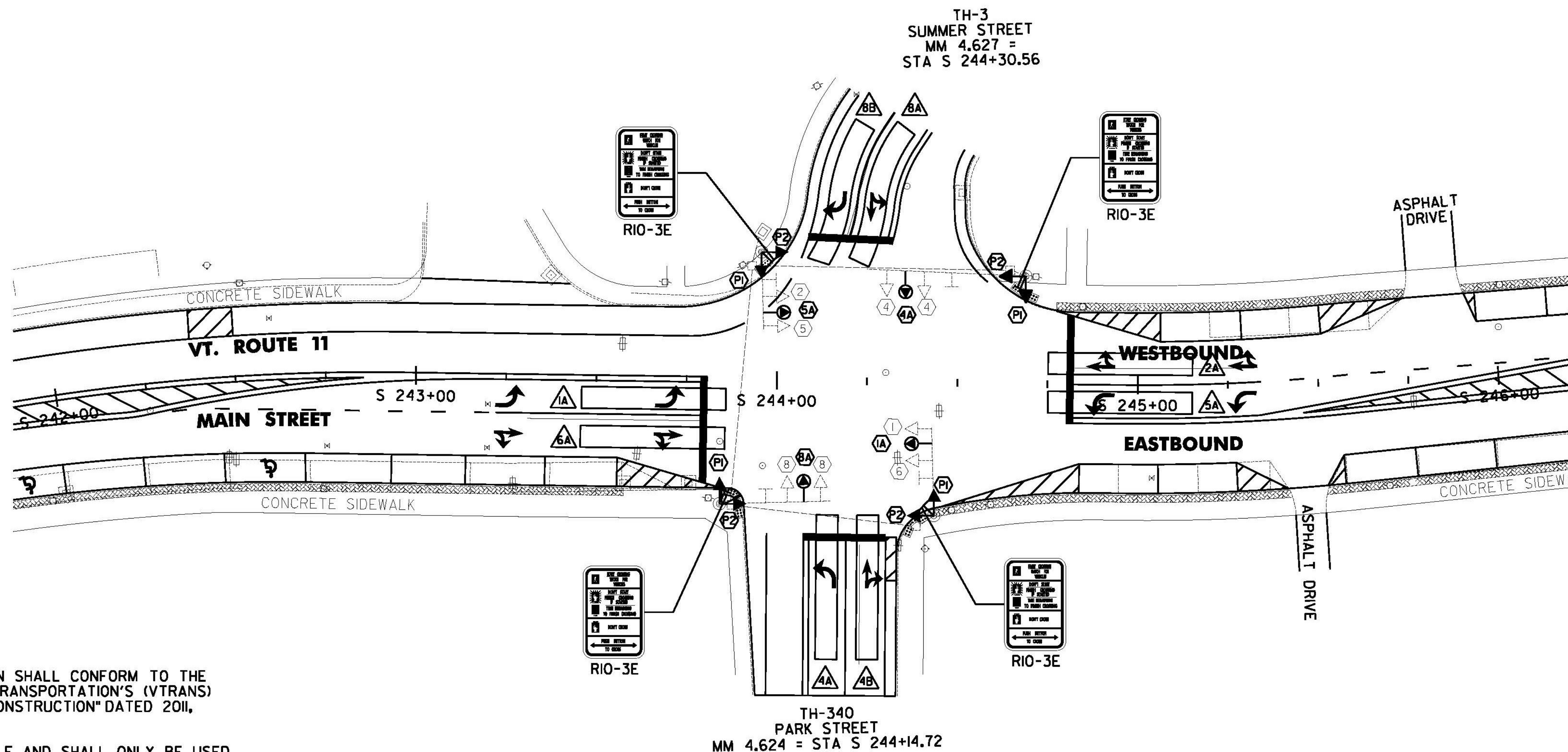
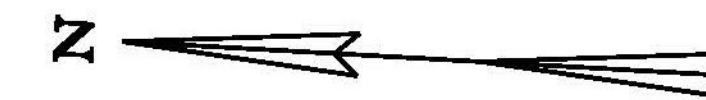
ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (VT ROUTE 11 @ SUMMER ST & PARK ST)		
QUANTITY	UNIT	DESCRIPTION
4	EA	DETECTOR ASSEMBLY
500	LF	DETECTOR CABLE
4	EA	DETECTOR MOUNTING BRACKET
1	EA	ADJUST HEIGHT OF CABINET RACK (AS NECESSARY)

PEDESTRIAN SIGNAL HEADS



FACES P1, P2

ITEM 900.620 SPECIAL PROVISION (PEDESTRIAN SIGNAL HEADS, COUNTDOWN) (VT ROUTE 11 @ SUMMER ST & PARK ST)			
DESCRIPTION		QUANTITY	UNIT
16"X18" LED PEDESTRIAN HEAD WITH VISOR & MOUNTING HARDWARE (HAND/MAN SYMBOLS WITH COUNTDOWN TIMER)	SIDE MOUNT	8	EA
PEDESTRIAN SIGN AND SIGN MOUNT ASSEMBLY		4	EA



NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION'S (VTRANS) "STANDARD SPECIFICATIONS FOR CONSTRUCTION" DATED 2011, WITH CURRENT MODIFICATIONS.
- THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VEHICLE DETECTOR 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.
- THE ACTUAL STOP BAR DETECTION LOCATIONS WILL BE DETERMINED DURING CONSTRUCTION BASED ON THE OPTIMAL LOCATION FOR THE TYPE OF DETECTOR SELECTED. FINAL LOCATIONS TO BE APPROVED BY THE ENGINEER.
- DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
- DETECTION AREAS 1A, 2A, 4A, 4B, 5A, 6A, AND 8A ARE IN NON-LOCK PRESENCE MODE. DETECTION AREA 8B IS IN DELAY MODE, 5 SECONDS, NON-LOCK.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR DETECTION CABLE AND EQUIPMENT. THE CONTRACTOR SHALL CONTACT THE ENGINEER IF SUFFICIENT SPACE IS NOT AVAILABLE. IF ADDITIONAL CONDUIT INSTALLATION IS REQUIRED, ALL WORK ASSOCIATED WITH INSTALLATION SHALL BE INCIDENTAL TO CONTRACT ITEM 900.620 SPECIAL PROVISION (VEHICLE STOP BAR DETECTION SYSTEM) (VT ROUTE 11 @ SUMMER ST AND PARK ST). MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH SECTION 678.

- ALL SIGNAL EQUIPMENT SHALL BE PAINTED FLAT BLACK IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- ALL SIGNAL EQUIPMENT AND MAST ARM MOUNTED SIGNS SHALL HAVE SAFETY CABLES.
- A UNIFORMED TRAFFIC OFFICER WITH A BLUE LIGHT SHALL BE PRESENT DURING ALL LANE CLOSURES.
- ALL ELECTRICAL WIRING SHALL BE PERFORMED BY A LICENSED ELECTRICIAN AND OVERSEEN BY A MASTER ELECTRICIAN.
- DISCONNECT WIRING TO EXISTING PEDESTRIAN SIGNAL HEADS. THE EXISTING PEDESTRIAN SIGNAL HEADS AND SIGNS SHALL BE REMOVED AND RETURNED TO THE TOWN OF SPRINGFIELD. THE PROPOSED PEDESTRIAN SIGNAL HEADS AND SIGNS SHALL BE INSTALLED ON EXISTING POLES. EXISTING WIRING SHALL BE CONNECTED TO THE NEW PEDESTRIAN SIGNALS. THE EXISTING AUDIBLE PEDESTRIAN SIGNALS AND PUSHBUTTONS SHALL REMAIN.
- THE EXISTING SIGN PLATE FRAMES FOR THE PEDESTRIAN CROSSING SIGNS SHALL BE REPLACED TO ACCOMMODATE THE PROPOSED 9" x 15" SIGNS.
- CROSSWALKS ARE NOT SHOWN ON THE PLAN FOR CLARITY.

LEGEND	
DESCRIPTION	
	EXISTING ANTENNA & PREEMPTION LIGHT
	EXISTING CONDUIT
	EXISTING JUNCTION BOX
	EXISTING CONTROLLER CABINET
	EXISTING SIGNAL POLE
	PROPOSED VEHICLE DETECTION AREA
	PROPOSED VEHICLE DETECTOR
	EXISTING SIGNAL
	PROPOSED SIGNAL

NOT TO SCALE

**SPRINGFIELD
TRAFFIC
SIGNAL
PLAN
SHEET #3**

PROJECT NAME: CHESTER-SPRINGFIELD-ROCKINGHAM-WINDSOR
PROJECT NUMBER: STP 295210

FILE NAME: z13c518bdr_vd.dgn
PROJECT LEADER: D. GOZALKOWSKI
DESIGNED BY: S. BOWMAN

PLOT DATE: 3/27/2015
DRAWN BY: A. KIRBY
CHECKED BY: D. KAHLBAUGH
SHEET 167 OF 309