

SEED  
AS NEEDED

FERTILIZER  
AS NEEDED

AGRICULTURAL LIMESTONE  
AS NEEDED

TOPSOIL  
AS NEEDED

TEMPORARY EROSION MATTING  
AS NEEDED

24 INCH STOP BAR, WATERBORNE PAINT  
~~STA. 186+19.06, RT~~  
~~STA. 186+72.02, RT~~  
STA. 186+87.91, LT (CONNOR WAY - 11 LF)  
~~STA. 187+39.08, LT~~

CROSSWALK MARKING, WATERBORNE PAINT  
STA. 186+76.15, LT - STA. 187+12.52, LT  
STA. 186+57.49, RT - STA. 186+78.43, RT (25 LF)  
STA. 187+27.91, RT - STA. 187+29.49, LT

TRAFFIC SIGNS, TYPE A  
STA. 186+95.84, RT (MA-1A)(LEFT TURN YIELD ON FLASHING)  
STA. 186+95.84, RT (MA-1A)(LEFT TURN YIELD ON FLASHING)

TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION(VT ROUTE 2A & CONNOR WAY)  
SEE LIST OF MAJOR EQUIPMENT, TRAFFIC SIGNAL LAYOUT SHEET 3B

CONSTRUCT MAST ARM POLE  
STA. 186+95.84, RT (MAP-1)

CONSTRUCT CONTROLLER CABINET  
STA. 187+07.77, RT

CONSTRUCT PEDESTRIAN PEDESTAL POLE  
STA. 186+67.63, LT (PP-1)  
STA. 187+16.91, LT (PP-2)  
STA. 187+33.29, LT (PP-3)  
STA. 187+32.17, RT (PP-4)  
STA. 186+85.18, RT (PP-5)  
STA. 186+42.66, RT (PP-6)

CONSTRUCT PEDESTRIAN SIGNAL HEAD  
STA. 186+67.63, LT  
STA. 187+16.91, LT  
STA. 187+33.29, LT  
STA. 187+32.17, RT  
STA. 186+85.18, RT  
STA. 186+42.66, RT

CONSTRUCT LED BLANK OUT SIGN  
STA. 186+95.84, RT (MA-1A)  
STA. 186+95.84, RT (MA-1B)  
STA. 186+58.38, LT (EXISTING MA-1)

REMOVAL OF TRAFFIC CONTROL SIGNAL SYSTEM (VT ROUTE 2A & CONNOR WAY)  
SEE NOTE 2, THIS SHEET

WIRED CONDUIT  
SEE CONDUIT SCHEDULE, TRAFFIC SIGNAL LAYOUT SHEET 3B

ELECTRICAL CONDUIT  
SEE CONDUIT SCHEDULE, TRAFFIC SIGNAL LAYOUT SHEET 3B

TEMPORARY TRAFFIC SIGNAL

STA. 187+00  
STREET LIGHT ASSEMBLY  
STA. 187+18.95, RT (SL-1)

SPECIAL PROVISION (JUNCTION BOX, HEAVY DUTY)

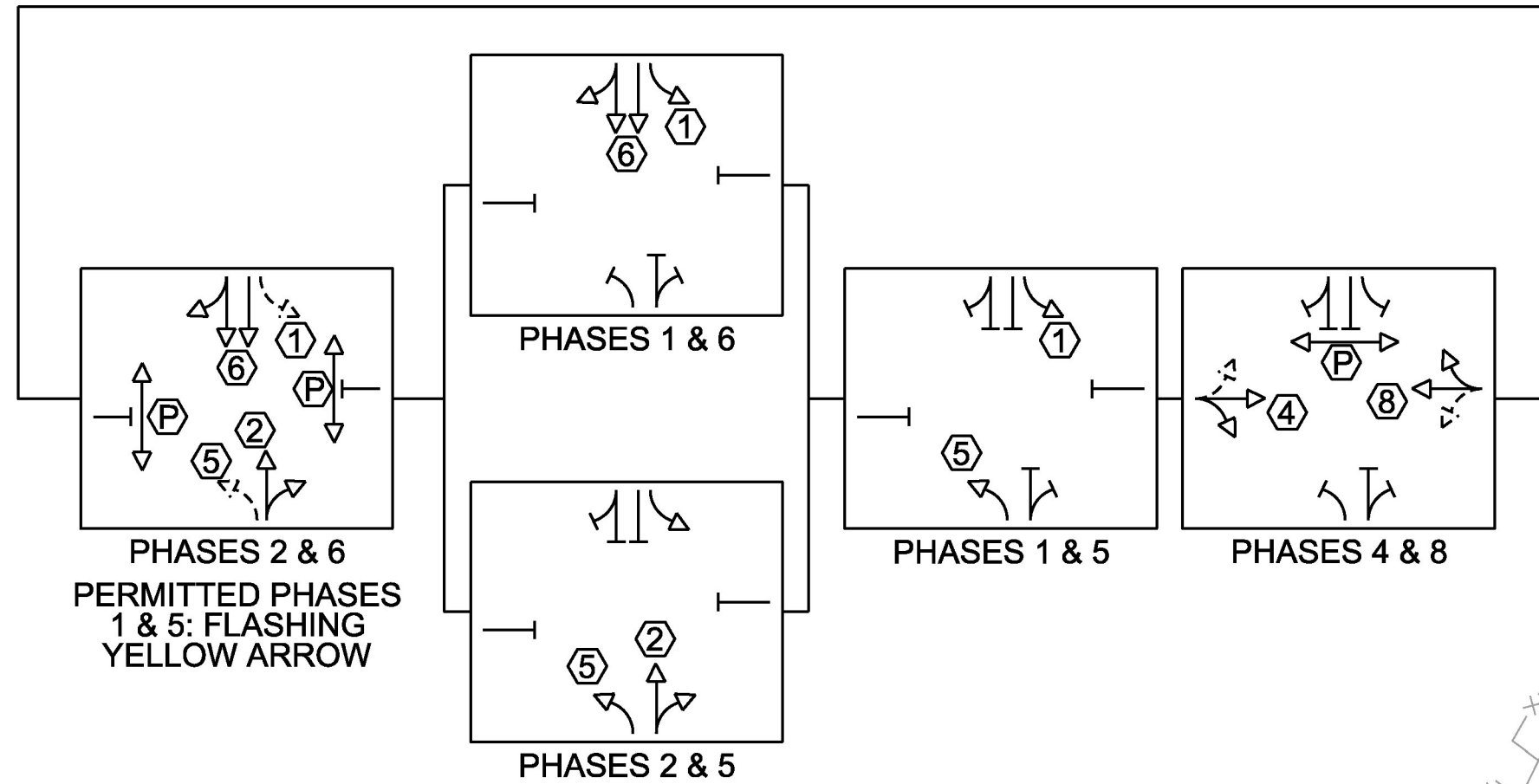
~~STA. 186+88.46, RT (JB-3)~~  
STA. 186+42.56, RT (JB-4) STA. 187+35 LT (JB-5A)  
STA. 187+14.55, RT (JB-5) STA. 187+05 RT (JB-5B)  
STA. 187+22.38, LT (JB-6)  
STA. 186+64.93, LT (JB-7)

SPECIAL PROVISION (HORIZONTAL DIRECTIONAL DRILLING)(12" CASING PIPE)

STA. 186+64.93, LT - STA. 187+22.38, LT (48") (54 LF)  
STA. 187+14.55, RT - STA. 187+22.38, LT (73") (69 LF)

TRAFFIC SIGNAL LEGEND	
□JB	JUNCTION BOX
□DJB	DOUBLE JUNCTION BOX
●PP	PEDESTRIAN PEDESTAL POST
→②	SIGNAL HEAD WITH PHASE NO.
→②	PEDESTRIAN SIGNAL HEAD WITH PED PHASE
---	WIRED CONDUIT
---	WIRED CONDUIT IN ELECTRICAL CONDUIT SLEEVE
→A	MAST ARM-MOUNTED SIGN
▨	STOP BAR DETECTION AREA
▨	ADVANCE DETECTION AREA

### PHASING DIAGRAM



PHASES 2 & 6  
PERMITTED PHASES 1 & 5: FLASHING YELLOW ARROW

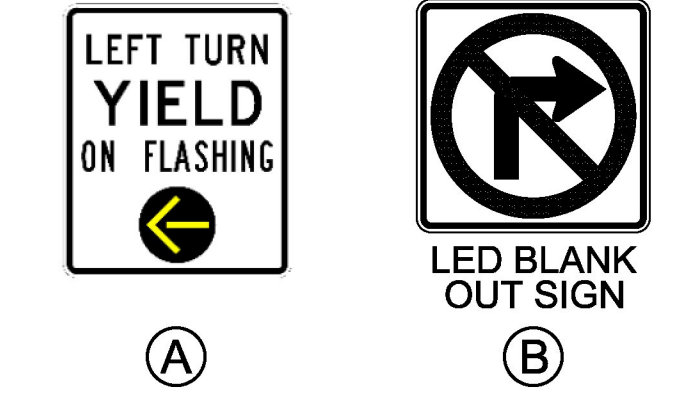
PHASES 2 & 5

PHASES 1 & 5

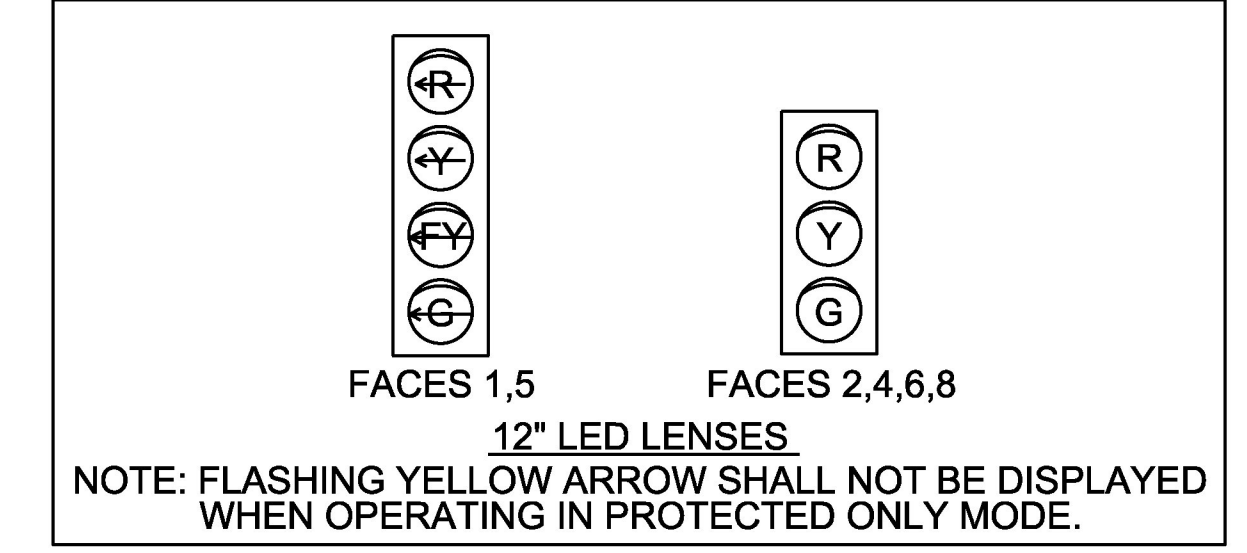
PHASES 4 & 8

DETECTION ZONE	DETECTOR TYPE
1, 2, 4, 5, 6, 8	PRESENCE
C, CC	PULSE

### SIGN DETAIL



### PROPOSED SIGNAL FACE ARRANGEMENTS



- NOTES:
- ITEMS LISTED ARE APPROXIMATE LOCATIONS AND MAY BE MODIFIED BY THE ENGINEER IN THE FIELD.
  - THE REMOVAL OF ALL EXISTING TRAFFIC SIGNAL EQUIPMENT THAT SHALL NOT BE REINSTALLED SHALL BE SALVAGED TO THE AGENCY OF TRANSPORTATION DISTRICT 5 SIGNAL TECHNICIAN, (802) 343-2188. WORK REQUIRED TO PERFORM THIS ACTIVITY SHALL BE PAID FOR UNDER CONTRACT ITEM 678.45 REMOVAL OF TRAFFIC CONTROL SIGNAL SYSTEM.
  - FOR A LIST OF MAJOR EQUIPMENT AND CONTROLLER DATA, SEE TRAFFIC SIGNAL LAYOUT SHEET 3B.
  - A TEMPORARY TRAFFIC SIGNAL MAY BE REQUIRED AT THIS LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE SPAN WIRE FOR LOADING AND THE PLACEMENT OF THE SIGNAL WITHIN THE EXISTING RIGHT OF WAY. THIS SIGNAL SHALL BE PAID FOR UNDER CONTRACT ITEM 678.40 - TEMPORARY TRAFFIC SIGNAL SYSTEM.
  - EXISTING FOUNDATIONS SHALL HAVE THE TOP TWO FEET REMOVED AND FILLED IN. CONDUIT SHALL BE ABANDONED IN PLACE AND CAPPED. PAYMENT SHALL BE INCIDENTAL TO PAY ITEM 678.45 REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM OR PAY ITEM 679.24 REMOVE STREET LIGHT ASSEMBLY.

### MS 573: VT ROUTE 2A & CONNOR WAY

PROJECT NAME:	WILLISTON-ESSEX
PROJECT NUMBER:	STPG SGNL(46)
FILE NAME:	t15i017sig.dgn
DESIGNED BY:	M. LACROIX
TRAFFIC SIGNAL LAYOUT SHEET 3A	
PLOT DATE:	3/21/2017
DRAWN BY:	K. RECORD
CHECKED BY:	M. LACROIX
SHEET	23 OF 66

NOTE: DISTANCE IS MEASURED BETWEEN THE BOTTOM OF SIGNAL HEAD TO THE PAVEMENT DIRECTLY BELOW THE SIGNAL HEAD.

