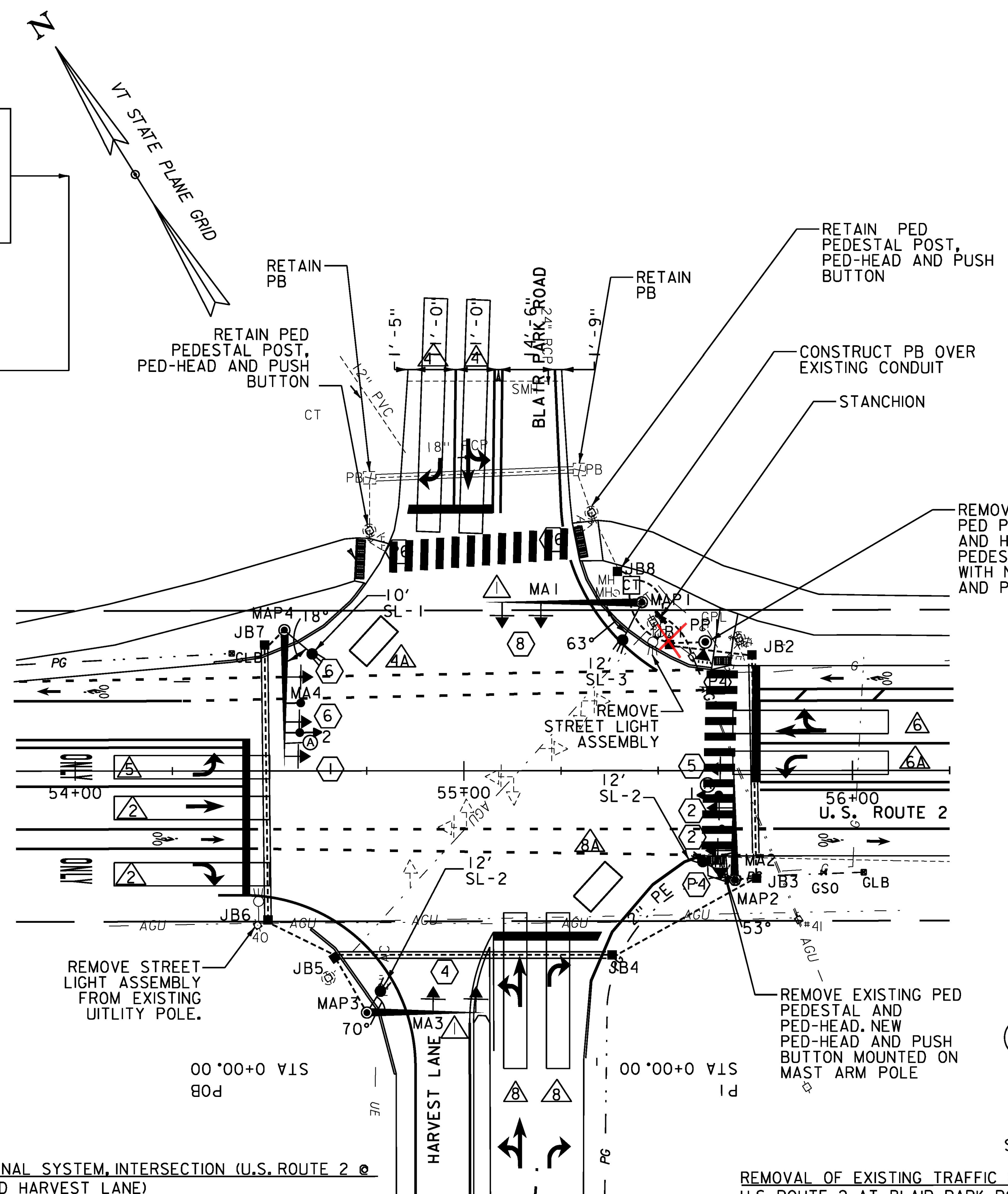
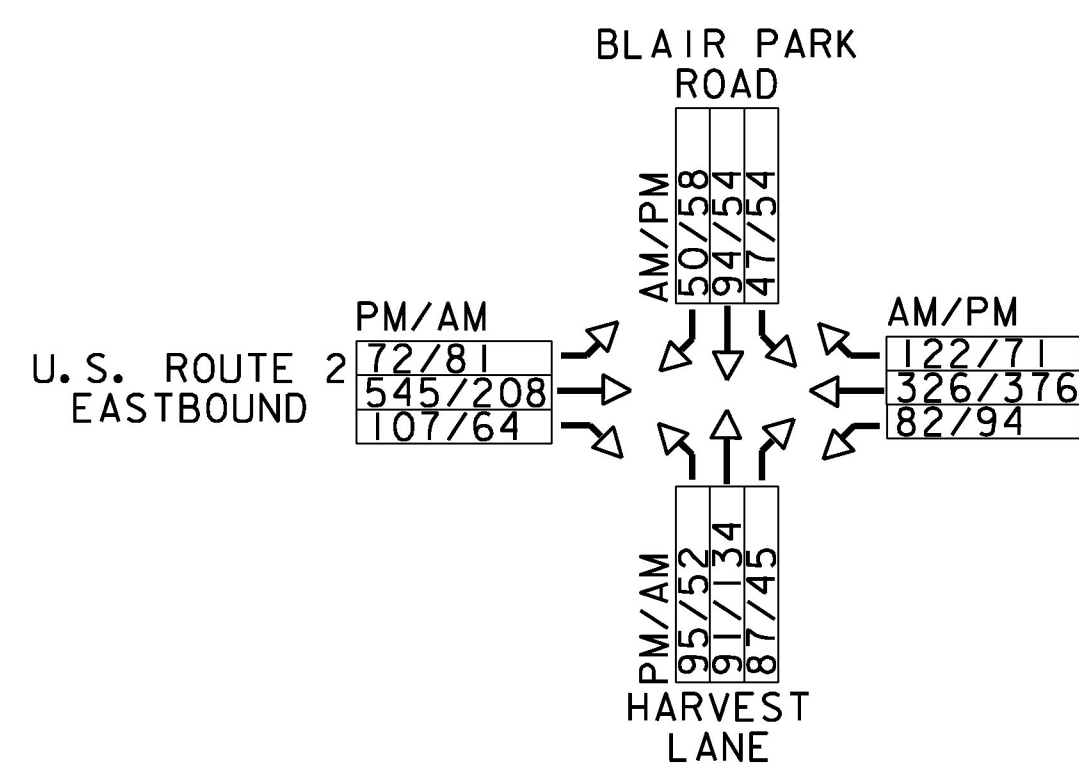
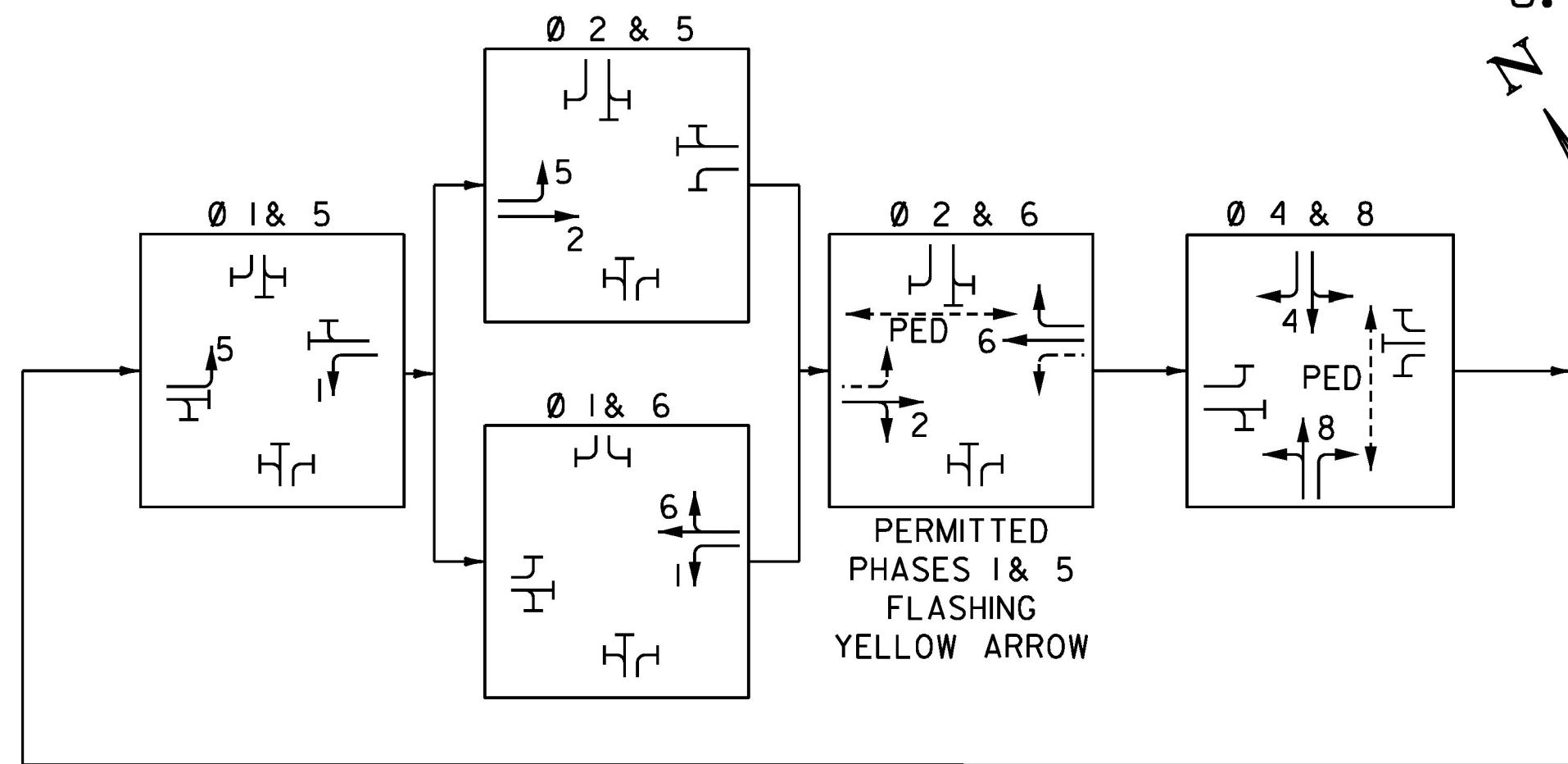


U. S. ROUTE 2 / BLAIR PARK ROAD / HARVEST LANE INTERSECTION

PHASING DIAGRAM



NOTES:

1. TRAFFIC ITEMS LISTED APPROXIMATE LOCATIONS AND MAY BE MODIFIED BY THE ENGINEER IN THE FIELD TO ENSURE CONFORMANCE WITH THE MUTCD AND VTRANS STANDARD DRAWINGS.
2. UNLESS OTHERWISE NOTED, THE REMOVAL OF ALL EXISTING TRAFFIC SIGNAL EQUIPMENT THAT SHALL NOT BE REINSTALLED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. WORK REQUIRED TO PERFORM THIS ACTIVITY WILL BE PAID FOR UNDER CONTRACT ITEM 678.45 REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM.
3. REMOVAL OF EXISTING TRAFFIC SIGNAL CONTROL SYSTEM WILL NOT OCCUR UNTIL THE PROPOSED SYSTEM IS CONSTRUCTED AND OPERATIONAL.
4. FOR A LIST OF MAJOR EQUIPMENT CONDUIT SCHEDULE, AND CONTROLLER DATA, SEE SHEET I13.
5. ALL REMOVED STREET LIGHTING SHALL BE SALVAGED TO THE DISTRICT 5 SIGNAL TECHNICIAN. REMOVAL OF EXISTING STREET LIGHTING SYSTEM WILL BE PAID FOR UNDER ITEM 679.24 REMOVE STREET LIGHT ASSEMBLY.
6. ALL REMOVED STRAIN POLES SHALL BE DISPOSED OF BY THE CONTRACTOR.
7. STOP BAR DETECTION SYSTEM SHALL BE OPERATIONAL PRIOR TO CUTTING EXISTING LOOPS. EXISTING VEHICLE DETECTOR LOOPS SHALL BE CUT AT THE CURB LINE PRIOR TO COLD PLANING AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE CONSIDERED INCIDENTAL TO ITEM 678.45 REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM.
8. RIGHT OF WAY IS APPROXIMATE.
9. UNDERGROUND UTILITIES ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR.
10. EXISTING SIGNAL INTERCONNECT CABLE EXISTS BETWEEN THE BROWNELL ROAD INTERSECTION AND THE HARVEST LANE/BLAIR PARK ROAD INTERSECTION. CONTRACTOR SHALL LOCATE INTERCONNECTING CABLE AND PROTECT DURING CONSTRUCTION. ALSO, INTERCONNECTION OF NEW SIGNAL EQUIPMENT BETWEEN THESE INTERSECTIONS SHALL BE REESTABLISHED. THIS WORK IS PAID FOR UNDER ITEM 678.15 TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION (U.S. ROUTE 2 @ BLAIR PARK ROAD AND HARVEST LANE).

LEGEND		
EXISTING	NEW	DESCRIPTION
		UTILITY POLE
		LUMINAIRE
		LIGHT POLE
		STRAIN POLE/CANTILEVER POLE
		CONTROLLER CABINET
		PULLBOX/JUNCTION BOX
		PEDESTRIAN SIGNAL HEAD
		SIGNAL HEAD
		SIGNAL HEAD WITH LOUVERED PLATE
		CONDUIT (SIGNAL)
		VEHICLE LOOPS
		VEHICLE DETECTION AREA
		PEDESTAL POST/LIGHTING POLE
		CANTILEVER
		DRAINAGE STRUCTURE
		VEHICLE DETECTOR
		SLEEVE
		PREEMPT OPTICAL DETECTOR
		PREEMPTION STROBE
		PEDESTRIAN PUSHBUTTON ASSEMBLY
		POWER DROP STANCHION
		ELECTRICAL WIRING
		L.E.D REGULATORY SIGN

TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION (U.S. ROUTE 2 @ BLAIR PARK ROAD AND HARVEST LANE)
SEE LIST OF MAJOR EQUIPMENT, ON SHEET #13-113R

CONSTRUCT MAST ARM POLES
STA. 54+54 37' LT (MAP4)
STA. 54+75 61' RT (MAP3)
STA. 55+45 43' LT (MAP1)
STA. 55+70 27' RT (MAP2)

CONSTRUCT CONTROLLER CABINET (GROUND MOUNTED)
STA. 55+43 50' LT

WIRED CONDUIT (2") (SCH 80)
SEE CONDUIT SCHEDULE, ON SHEET #13-113R

ELECTRICAL CONDUIT (2") (SCH 80)
SEE CONDUIT SCHEDULE, ON SHEET #13-113R

SPECIAL PROVISION (JUNCTION BOX, HEAVY DUTY)

STA. 54+49 37' LT (JB7)
STA. 54+49 36' RT (JB6)
STA. 54+67 46' RT (JB5)
STA. 55+38 45' RT (JB4)
STA. 55+42 52' LT (JB8)
~~STA. 55+53 33' LT (JB1)~~
STA. 55+74 30' LT (JB2)
STA. 55+74 27' RT (JB3)

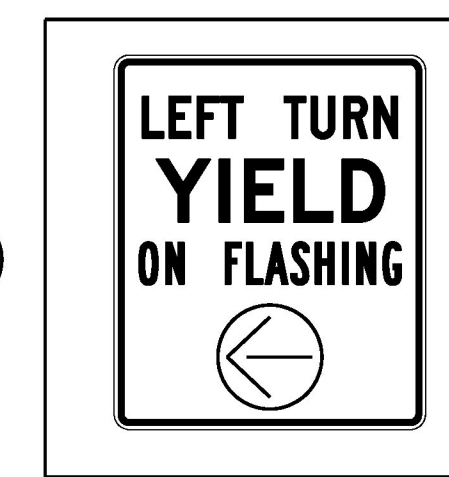
BRACKET ARM
STA. 54+54 37' LT
STA. 54+75 61' RT
55+45 STA. 55+37 51' LT
STA. 55+70 27' RT

REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM, U.S. ROUTE 2 AT BLAIR PARK ROAD AND HARVEST LANE

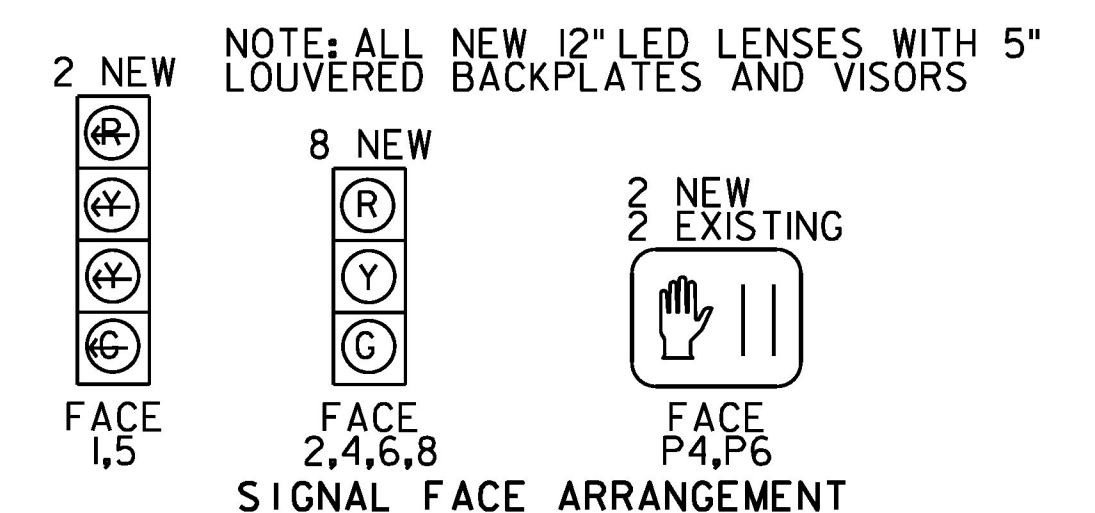
LUMINAIRE
STA. 54+54 37' LT
STA. 54+49 36' RT
STA. 54+67 46' RT
55+45 STA. 55+37 51' LT
STA. 55+70 27' RT

REMOVE STREET LIGHT ASSEMBLY
STA. 54+47 38' RT
STA. 55+48 38' LT

SPECIAL PROVISION (HORIZONTAL DIRECTIONAL DRILLING) (12" CASING PIPE)
STA. 54+49 37' LT TO 54+49 36' RT (73')
STA. 54+67 46' RT TO 55+38 45' RT (71+)(78')
STA. 55+74 30' LT TO 55+74 27' RT (57+)(62')



SEE TRAFFIC SIGN DETAIL SHEETS



REPLACES SHEET #112

PROJECT NAME:	SOUTH BURLINGTON-WILLISTON
PROJECT NUMBER:	NH 2944(I)
FILE NAME:	ppms*/Section/-----,dgn
PLOT DATE:	7/17/2017
PROJECT LEADER:	M. LACROIX
DRAWN BY:	K. RECORD
DESIGNED BY:	K. RECORD
CHECKED BY:	M. LACROIX
TRAFFIC SIGNAL SYSTEMS SHEET 3	SHEET I12R OF 249

REVISÉ 7/17/17

