

TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION (U.S. ROUTE 2 @ NORTH BROWNELL ROAD AND SOUTH BROWNELL ROAD).
SEE LIST OF MAJOR EQUIPMENT, ON SHEET III

CONSTRUCT MAST ARM POLES
STA. 36+47 31' LT (MAP-3)
STA. 36+55 26' RT (MAP-2)
STA. 37+27 36' LT (MAP-1)

CONSTRUCT CONTROLLER CABINET (GROUND MOUNTED)
STA. 37+19 LT

WIRED CONDUIT (2") (SCH 80)
SEE CONDUIT SCHEDULE, ON SHEET III

ELECTRICAL CONDUIT (2") (SCH 80)
SEE CONDUIT SCHEDULE, ON SHEET III

SPECIAL PROVISION (JUNCTION BOX, HEAVY DUTY)

STA. 36+52 23' RT (JB7)
STA. 36+54 31' LT (JB6)
STA. 36+59 47' LT (JB5)
STA. 37+05 54' LT (JB4)
STA. 37+45 27' LT (JB8)

STREET LIGHT ASSEMBLY
STA. 36+68 43' RT (SL-2) 10'

BRACKET ARM
STA. 36+57 LT (SL-3) 6' *
STA. 37+27 LT (SL-1) 12'

LUMINAIRE
STA. 36+57 LT (SL-3)
STA. 37+27 LT (SL-1)

REMOVE EXISTING STREET LIGHT ASSEMBLY

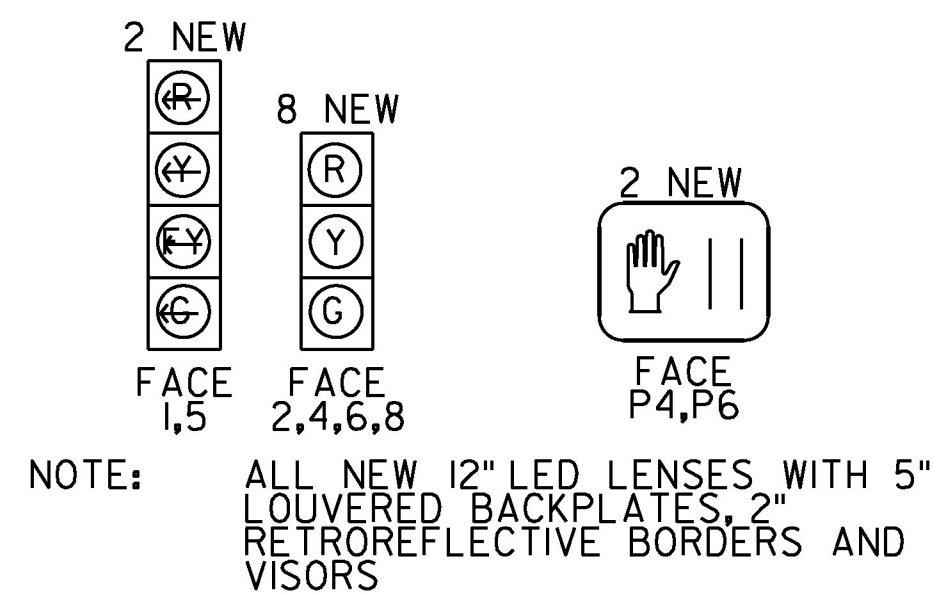
STA. 36+57 34' LT
STA. 36+68 43' RT
STA. 37+24 38' LT

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

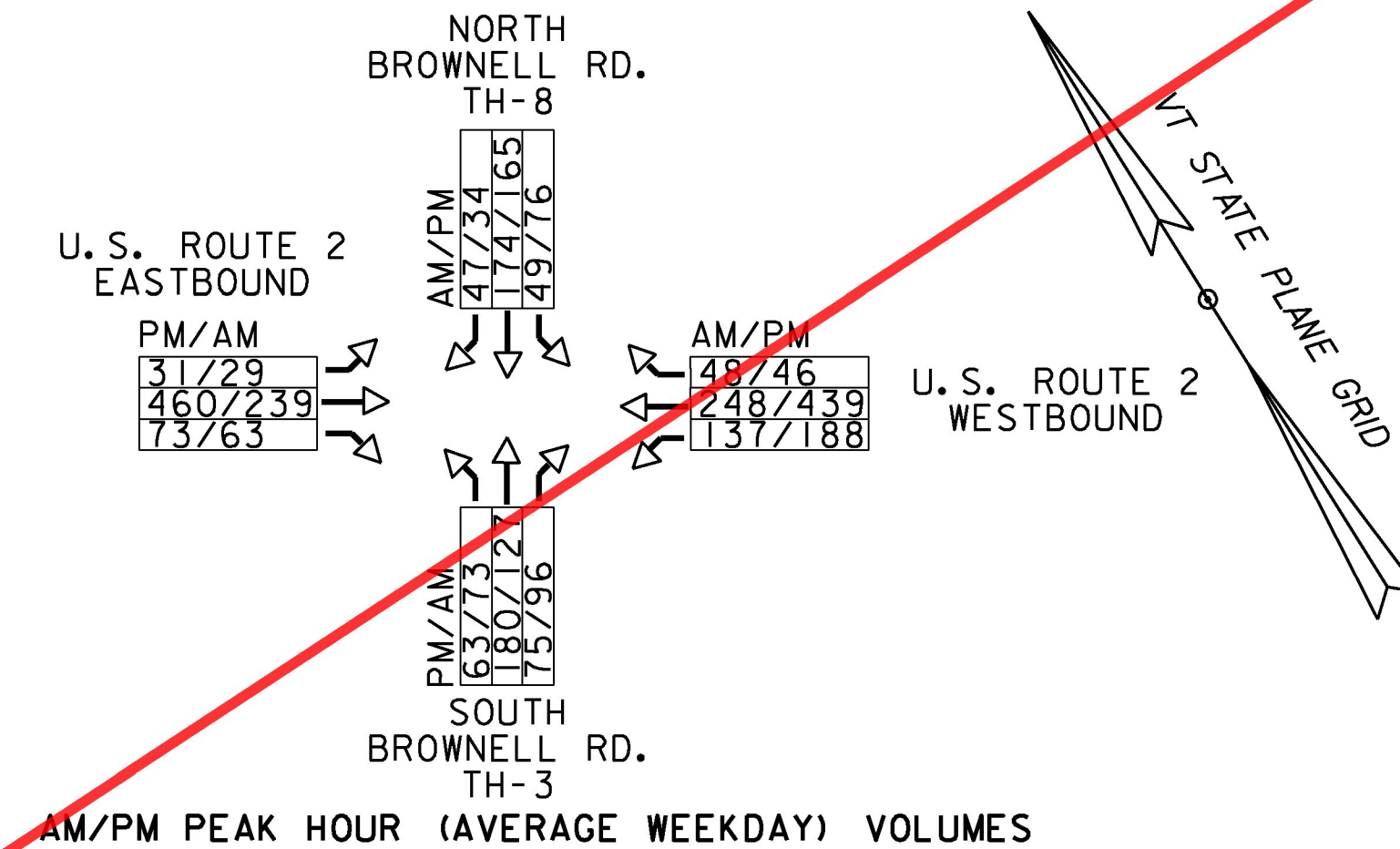
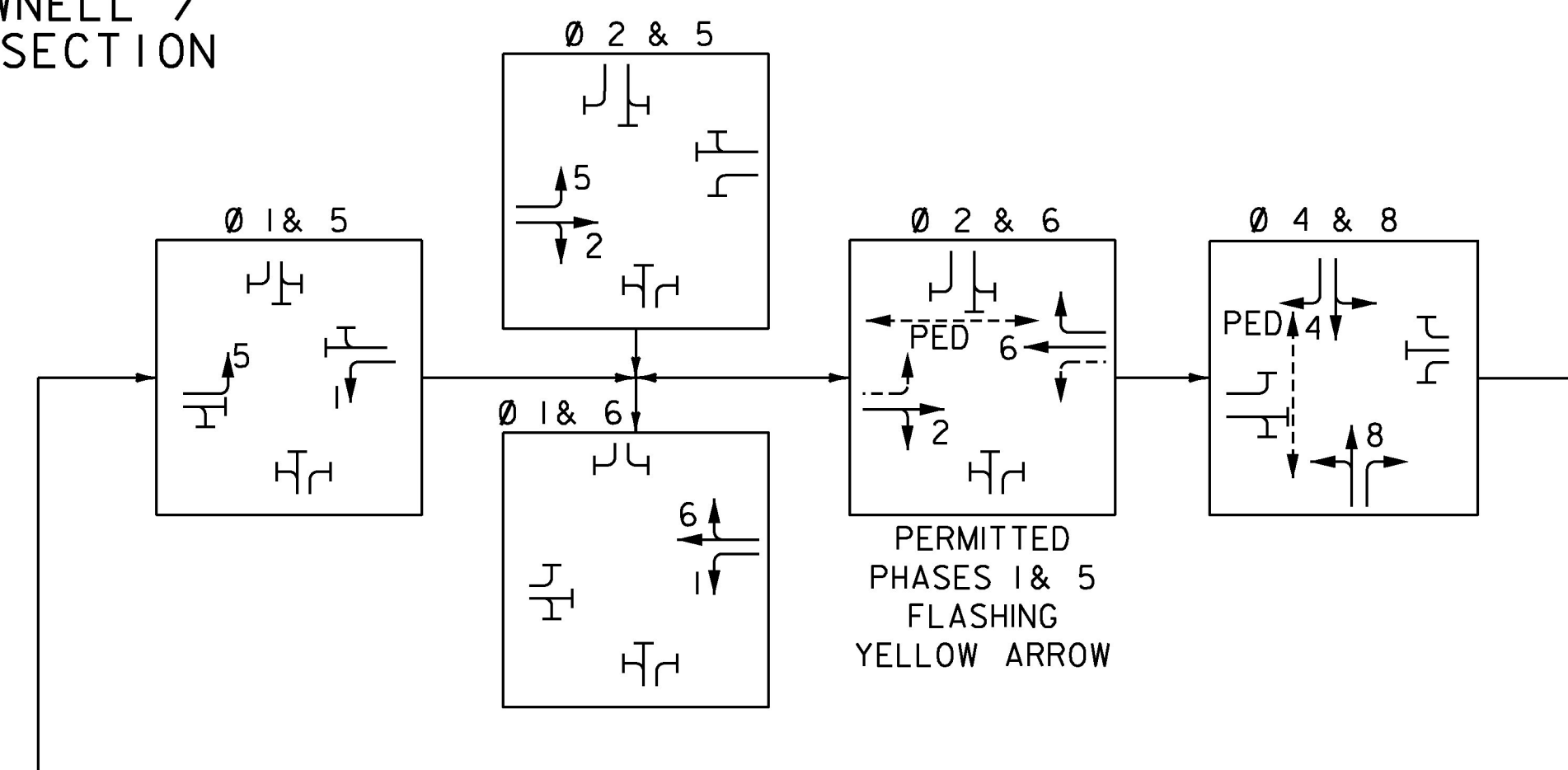
STA. 36+52 RT TO 36+54 LT (53')
STA. 36+59 LT TO 37+05 LT (46')

REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM
U.S. ROUTE 2 AT NORTH BROWNELL ROAD AND SOUTH BROWNELL ROAD.

U.S. ROUTE 2 / NORTH BROWNELL / SOUTH BROWNELL ROAD INTERSECTION
SIGNAL FACE ARRANGEMENT

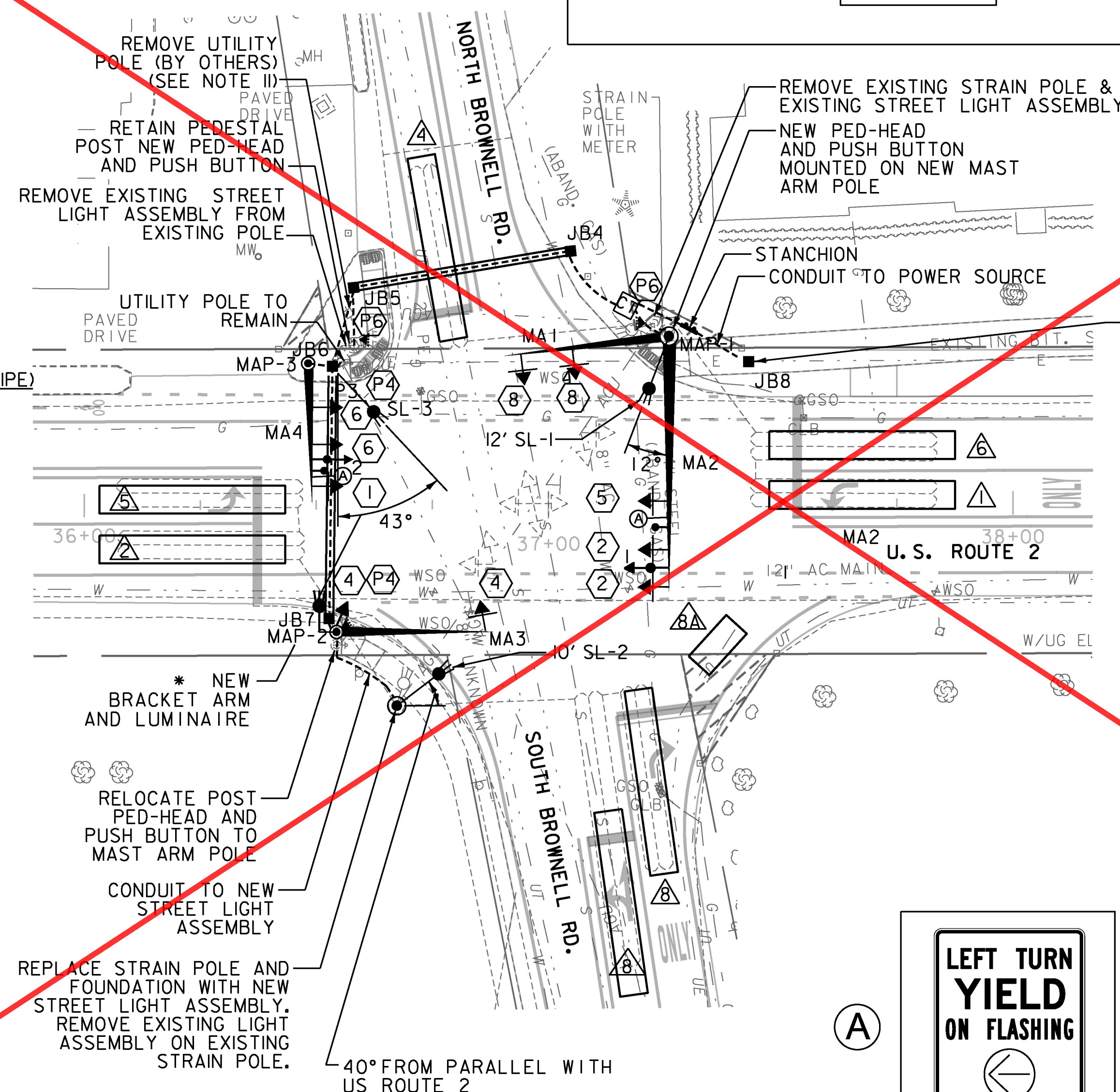


PHASING DIAGRAM

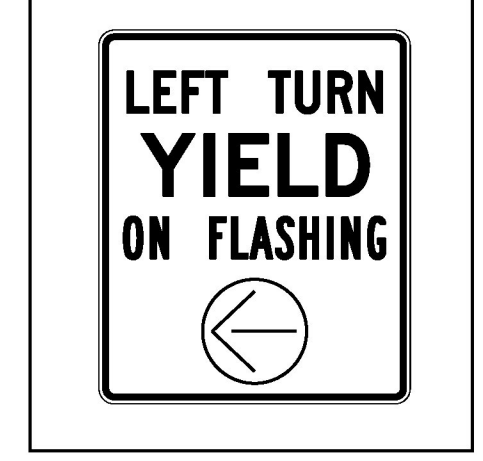


NOTES:

- 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.
- 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.
- REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM SHALL NOT OCCUR UNTIL THE PROPOSED SYSTEM IS CONSTRUCTED AND OPERATIONAL.
- FOR A LIST OF MAJOR EQUIPMENT CONDUIT SCHEDULE, AND CONTROLLER DATA, SEE SHEET III.
- 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.
- ALL REMOVED STRAIN POLES SHALL BE DISPOSED OF BY THE CONTRACTOR.
- 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.
- RIGHT OF WAY IS APPROXIMATE.
- UNDERGROUND UTILITIES ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR.
- 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 @ NORTH BROWNELL ROAD AND SOUTH BROWNELL ROAD).
- CONTRACTOR TO COORDINATE WITH GMP TO RELOCATE OVERHEAD SERVICE TO NEW SLEEVE UNDER NORTH BROWNELL ROAD. SERVICE MUST REMAIN ACTIVE UNTIL SWITCH OVER CAN OCCUR. COORDINATION EFFORT WILL BE CONSIDERED INCIDENTAL TO ITEM 678.45 REMOVAL OF EXISTING TRAFFIC CONTROL SYSTEM.



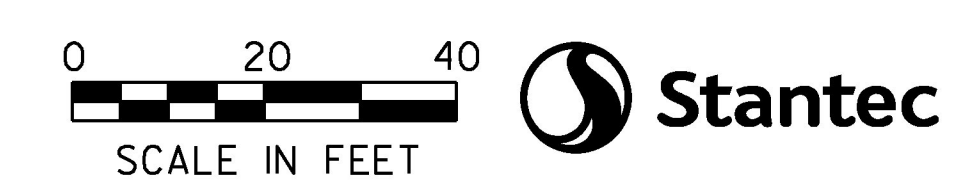
* CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR INSTALLATION OF BRACKET ARM POLE AND LUMINAIRE ON EXISTING UTILITY POLE.



SEE TRAFFIC SIGN DETAIL SHEETS

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

**SHEET DISCONTINUED
SEE REPLACEMENT SHEET #110R**



PROJECT NAME: SOUTH BURLINGTON-WILLISTON	PLOT DATE: 3/1/2017
PROJECT NUMBER: NH 2944(I)	DRAWN BY: P. ARMATA
FILE NAME: zild340bdrslg.dgn	DESIGNED BY: D. DEBAIE
PROJECT LEADER: J. LITTLE	CHECKED BY: T. LUTHER
TRAFFIC SIGNAL SYSTEMS SHEET I	SHEET 110 OF 249