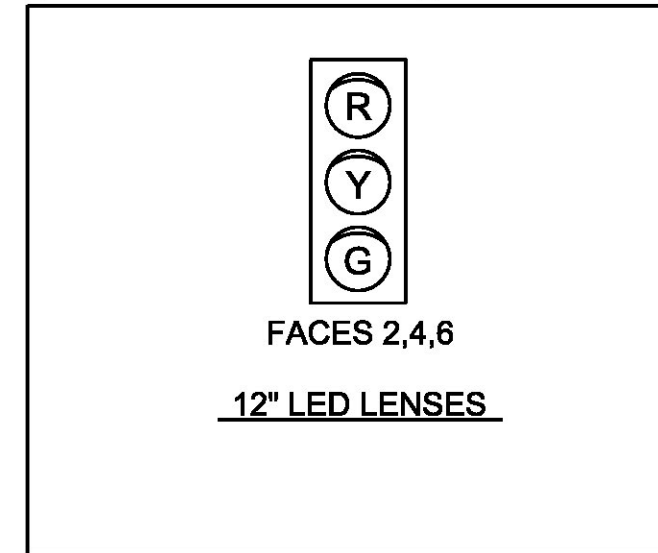


ITEM 900.620 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED)(MS 828)		
QUANTITY	UNIT	DESCRIPTION
7	EA	ONE-WAY THREE-SECTION LED SIGNAL HEADS
7	EA	MOUNTING BRACKETS
7	EA	LOUVERED BACKPLATES WITH RETROREFLECTIVE BORDER
500	LF	SIGNAL WIRING (EST. QUANTITY ONLY)

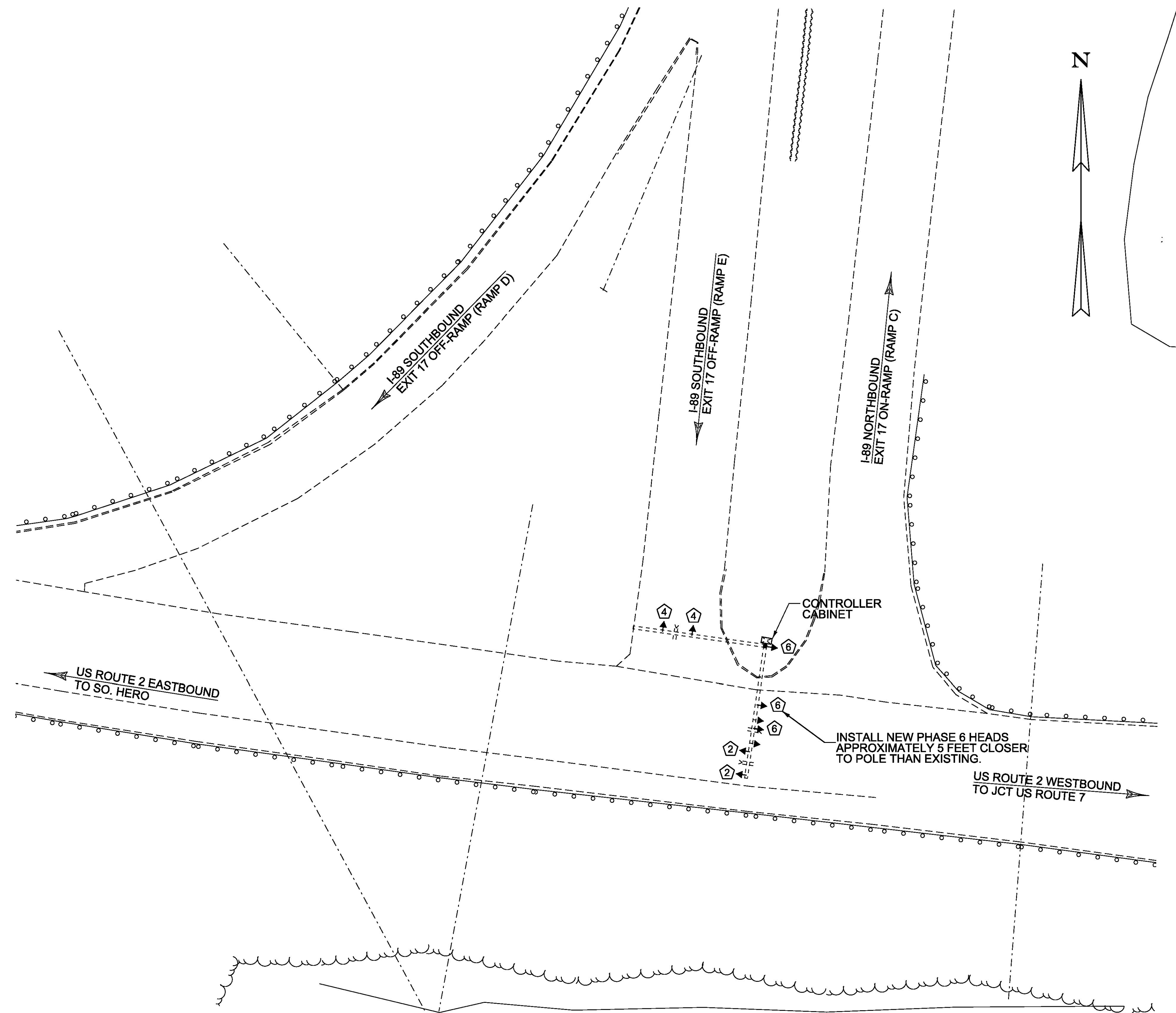
ITEM 900.620 SPECIAL PROVISION (REMOVE AND REPLACE TRAFFIC SIGNAL CONTROLLER)(MS 828)		
QUANTITY	UNIT	DESCRIPTION
1	EA	SMART MALFUNCTION MONITOR UNIT (MMU)
1	EA	TRAFFIC SIGNAL CONTROLLER (ECONOLITE COBALT TS2 TYPE 2 WITH TELEMETRY MODULE)

PROPOSED SIGNAL FACE ARRANGEMENTS



TRAFFIC SIGNAL NOTES

- ITEM 900.620 SPECIAL PROVISION (VEHICLE SIGNAL HEADS, LED)(MS 828) AND ITEM 900.620 SPECIAL PROVISION (REMOVE AND REPLACE TRAFFIC SIGNAL CONTROLLER)(MS 828) IS BE USED AT THE MAST ARMS LOCATED THE INTERSECTION OF US ROUTE 2 AND I-89 EXIT 17 - RAMP E.
- THIS PLAN SHEET IS NOT TO SCALE AND SHOULD ONLY BE USED AS A GUIDE FOR THE PLACEMENT OF THE HARDWARE LISTED. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THIS SITE SURVEY.
- EXISTING VIDEO DETECTION EQUIPMENT TO BE RETAINED.
- ALL SALVAGABLE EQUIPMENT REMOVED TO REMAIN THE PROPERTY OF THE STATE. SALVAGED EQUIPMENT SHALL BE RETURNED TO COLCHESTER DISTRICT 5 OFFICE. CONTACT STEVE GUYETTE: 802-655-1580
- THE TRAFFIC SIGNAL CONTROLLER SHALL BE AN ECONOLITE COBALT TS-2 TYPE 2, WITH TELEMETRY MODULE.
- EXISTING CONTROLLER TIMING AND COORDINATION TO BE DUPLICATED UNLESS DIRECTED OTHERWISE BY THE ENGINEER. FOR ADDITIONAL INFORMATION REGARDING EXISTING CONTROLLER PROGRAMMING CONTACT SIGNAL OPERATIONS ENGINEER DEREK LYMAN AT 802-249-5079.
- MAST ARM MOUNTED SIGNAL HEADS SHALL BE INSTALLED CENTERED ON THE MAST ARM, PROVIDED THIS DOES NOT RESULT IN MINIMUM CLEARANCE OF LESS THAN 17' OR EXCEEDING THE MAXIMUM HEIGHT ALLOWED BY THE MUTCD. CONTACT VTRANS SIGNAL TECH STEVE GUYETTE AT 802-655-1580 FOR MORE INFORMATION ABOUT MOUNTING HEIGHTS.
- SIGNAL HEADS FOR PHASES 2 AND 4 SHALL BE REPLACED IN THE SAME HORIZONTAL LOCATION AS EXISTING HEADS. REPLACEMENT SIGNAL HEADS FOR PHASE 6 SHALL BE SHIFTED APPROXIMATELY 5' NORTH TO BETTER ALIGN WITH THE LANE MARKINGS ON US-2. MINOR ADJUSTMENT TO THIS DIMENSION MAY BE NECESSARY TO AVOID VIDEO VEHICLE DETECTION CAMERA. SIGNAL HEADS SHALL BE INSTALLED A MINIMUM OF 8 FEET APART.
- NEW MAST-ARM POLE MOUNTED SUPPLEMENTAL SIGNAL HEAD SHALL BE INSTALLED SUCH THAT THE BOTTOM OF THE BACKPLATE IS 12' ABOVE THE ADJACENT MAINLINE EDGE OF PAVEMENT



PROJECT NAME: COLCHESTER-SWANTON
PROJECT NUMBER: IM SURF(56)

FILE NAME: t16v071s1g02.dgn
PROJECT LEADER: M. FOWLER
DESIGNED BY: I. DEGUTIS
TRAFFIC SIGNAL SHEET 2

PLOT DATE: 22-DEC-2016
DRAWN BY: I. DEGUTIS
CHECKED BY: M. LACROIX
SHEET 43 OF 54