



■ - DILEMMA ZONE DETECTOR

LIST OF MAJOR EQUIPMENT	
ITEM #	QUANTITY
900.620 SPECIAL PROVISION (TRAFFIC CONTROL DILEMMA ZONE DETECTION SYS, INT.) (US7 @ VT 103)	
WX-SS-H200 WAVETRONIX ADVANCE SENSOR	2 EA
WX-SS-H611 SENSOR MOUNTS	2 EA
WX-SS-H701 SENSOR CABLES WITH CONNECTOR (DET. #1)	80 LF
WX-SS-H701 SENSOR CABLES WITH CONNECTOR (DET. #2)	300 LF
WX-SC-661 60" PATCH CORD	2 EA
WX-SC-172 CLICK 172 CONTACT CLOSURE CARD	2 EA
WX-SC-200 CLICK 200 SURGE ARRESTOR	2 EA
WX-SC-202 CLICK 202 POWER SUPPLY	1 EA
WX-SC-205 CLICK 205 AC LINE SURGE ARRESTOR	1 EA
WX-SC-206 CLICK DIN RAIL MNT. CIRCUIT BREAKER	1 EA

- NOTES:
- EXISTING CONTROLLER TIMINGS SHALL BE RETAINED.
 - EXISTING CONDUIT SHALL BE UTILIZED FOR NECESSARY WIRING.
 - ANY OTHER MISC. EQUIPMENT NECESSARY TO PROVIDE A FULLY FUNCTIONAL DILEMMA ZONE DETECTION SYSTEM SHALL BE INCIDENTAL TO ITEM # 900.620 SPECIAL PROVISION (TRAFFIC CONTROL DILEMMA ZONE DETECTION SYSTEM, INTERSECTION) (US 7 @ VT 103).
 - RADAR ADVANCE DETECTOR SHALL PROVIDE DETECTION OF RANGE, SPEED, AND ETA OF APPROACHING VEHICLES IN A CONTINUOUS RANGE OF 200 - 400 FEET FROM THE SENSOR.
 - A SENSOR DETECTION SHALL EXTEND THE GREEN TIME BY 1 SEC.
 - THE EXISTING WAVETRONIX SENSOR MOUNTED ON THE MAST ARM AT THE NEW DETECTOR #1 LOCATION IS TO BE REMOVED, ALONG WITH ALL ASSOCIATED HARDWARE, AND SENT TO THE TRAFFIC SHOP IN BERLIN.
 - THE ADVANCE VEHICLE DETECTOR LOOPS LOCATED ON US 7 SOUTH OF THE INTERSECTION AT 378 FT SOUTH & 564 FT SOUTH ARE TO BE DISCONNECTED AT THE EXISTING PULLBOX LOCATIONS.
 - THE ADVANCE VEHICLE DETECTOR LOOPS LOCATED ON US 7 NORTH OF THE INTERSECTION AT 299 FT NORTH & 475 FT NORTH ARE TO BE DISCONNECTED AT THE EXISTING PULLBOX LOCATIONS.

CONSTRUCTION ACTIVITIES WILL BE SHORT DURATION AND WILL LIKELY RESULT IN MINIMAL IMPACT TO THE TRAVELING PUBLIC. ALL WORK SHALL BE PERFORMED DURING DAYTIME, OFF-PEAK HOURS. REFER TO THE VERMONT AGENCY OF TRANSPORTATION STANDARD DRAWINGS E-110 AND E-111 FOR ADDITIONAL TRAFFIC CONTROL INFORMATION. TRAFFIC CONTROL WARNING SIGNS SHALL BE PROVIDED AS NECESSARY ON EACH APPROACH PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). PAYMENT FOR THESE SIGNS, REFLECTORIZED PLASTIC DRUMS, ECT. SHALL BE PAID UNDER CONTRACT ITEM 641.10.

US ROUTE 7 & VT 103

PROJECT NAME: CLARENDON	
PROJECT NUMBER: NHG_SHNL(33)	
FILE NAME: Q9bQ08/Traffic/1b008.dwg	PLOT DATE: 07-APR-2010 16:00
PROJECT LEADER: B.NYQUIST	DRAWN BY: B.MCAVQY
DESIGNED BY: B.MCAVQY	CHECKED BY: B.NYQUIST
TRAFFIC SIGNAL SHEET 2	SHEET 4 OF 4