



LIST OF MAJOR EQUIPMENT	
ITEM # 900.620 SPECIAL PROVISION (TRAFFIC CONTROL DILEMMA ZONE DETECTION SYS, INT.) (US7 @ TH 4)	QUANTITY
WX-SS-H200 WAVETRONIX ADVANCE SENSOR	2 EA
WX-SS-H611 SENSOR MOUNTS	2 EA
WX-SS-H701 SENSOR CABLES WITH CONNECTOR (DET. #1)	30 LF
WX-SS-H701 SENSOR CABLES WITH CONNECTOR (DET. #2)	200 LF
WX-SC-661 60" PATCH CORD	2 EA
WX-SC-100 CLICK 100 OUTPUT DIN RAIL	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:

- 1) EXISTING CONTROLLER TIMINGS SHALL BE RETAINED.
- 2) EXISTING CONDUIT SHALL BE UTILIZED FOR NECESSARY WIRING.
- 3) 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 @ TH 4).
- 4) 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.
- 5) A SENSOR DETECTION SHALL EXTEND THE GREEN TIME BY 1 SEC.

US ROUTE 7

US ROUTE 7

■ - DILEMMA ZONE DETECTOR

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 & TH 4

PROJECT NAME: CLARENDON	PLOT DATE: 16-APR-2009
PROJECT NUMBER: NHG SGNL(33)	DRAWN BY: B. MCAVOY
FILE NAME: 09b008/Traffic/tb008nul.dgn	CHECKED BY: B. NYQUIST
PROJECT LEADER: B. NYQUIST	SHEET 3 OF 4
DESIGNED BY: B. MCAVOY	
TRAFFIC SIGNAL SHEET 1	

N.T.S.