



- 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 FULLY FUNCTIONAL DILEMMA ZONE & VIDEO DETECTION SYSTEMS SHALL BE INCIDENTAL TO ITEM # 900.620 SPECIAL PROVISION (DILEMMA ZONE / VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 62 @ FISHER ROAD).
 - 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.
 - 6) VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
 - 7) VIDEO VEHICLE DETECTION AREAS SHALL EXTEND 5 FT PAST THE STOP BAR.
 - 8) THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO VEHICLE DETECTION CABLE AND EQUIPMENT.
 - 9) THE ADVANCE VEHICLE DETECTOR LOOPS LOCATED ON VT 62 APPROX. 400 FT FROM THE EXISTING STOP BARS ARE TO BE DISCONNECTED AT THE EXISTING PULLBOX LOCATIONS.

LIST OF MAJOR EQUIPMENT	
ITEM #900.620 SPECIAL PROVISION (DILEMMA ZONE/VIDEO VEHICLE DETECTION SYSTEM) (VT ROUTE 62 @ FISHER ROAD)	QUANTITY
WX-SS-H200 WAVETRONIX ADVANCE SENSOR	2 EA
WX-SS-H611 SENSOR MOUNTS	2 EA
WX-SS-H701 SENSOR CABLES W/CONNECTOR (DET. #1)	50 LF
WX-SS-H701 SENSOR CABLES W/CONNECTOR (DET. #2)	160 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
ECONOLITE AUTOSCOPE SOLO TERRA VIDEO DETECTION	4 EA
NEMA TS2 CONTROLLER	1 EA

- VIDEO DETECTION CAMERA
 - 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 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.

NOTE: NEW NEMA TS2 CONTROLLER TO REPLACE EXISTING ECONOLITE MODEL 8000 CONTROLLER. EXISTING CONTROLLER TO BE SALVAGED TO THE VTRANS TRAFFIC SHOP IN BERLIN, VT. CONTACT RUSS VELANDER AT 828-3535 WITH ANY QUESTIONS. NEW CONTROLLER SHALL BE EITHER ECONOLITE OR NAZTEC BRAND.

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	SHEET 3 OF 3