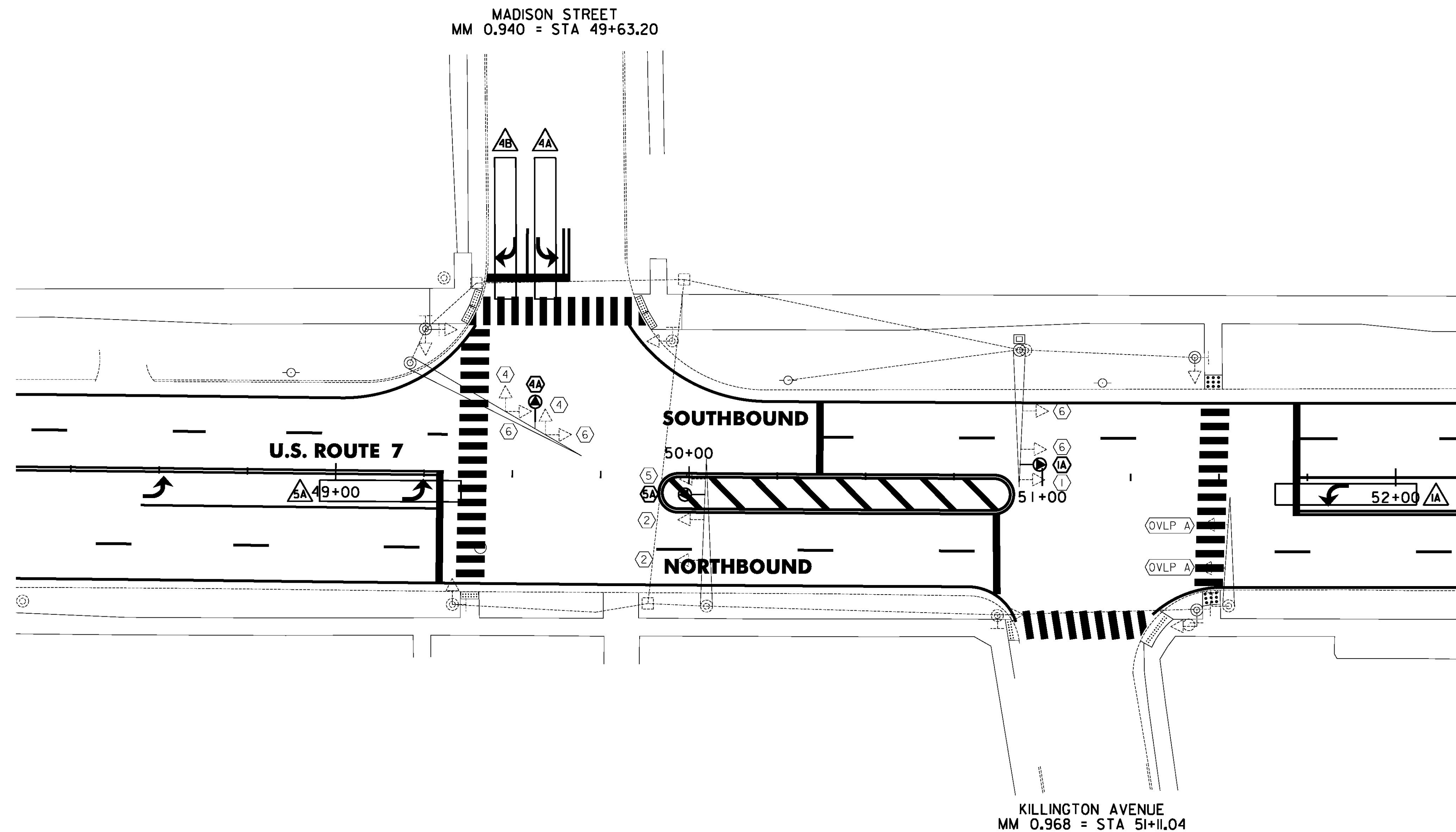
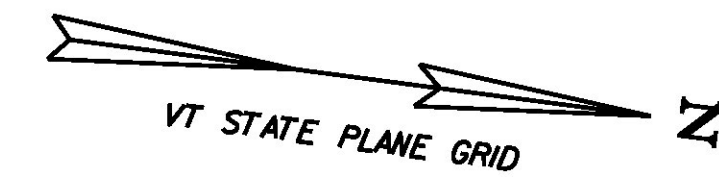


ITEM 900.620 SPECIAL PROVISION  
(VIDEO VEHICLE DETECTION SYSTEM)  
(U.S. ROUTE 7 @ MADISON STREET)

QUANTITY	UNIT	DESCRIPTION
3	EA	VIDEO DETECTOR CAMERA ASSEMBLY WITH INTEGRATED MVP
1	EA	VIDEO DETECTOR CIP
1	EA	VIDEO DETECTOR PORT MASTER
575	LF	VIDEO DETECTOR CABLE
3	EA	VIDEO DETECTOR CAMERA MOUNTING BRACKET



NOTES:

- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE STATE OF VERMONT AGENCY OF TRANSPORTATION'S (VTRANS) "STANDARD SPECIFICATIONS FOR CONSTRUCTION" DATED 2011, WITH CURRENT MODIFICATIONS.
- THIS PLAN SHEET IS NOT TO SCALE AND SHALL ONLY BE USED AS A GUIDE FOR VIDEO VEHICLE DETECTOR PLACEMENT. THE CONTRACTOR SHALL CONFIRM ALL LOCATIONS IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION. LOCATIONS MAY BE REVISED AS A RESULT OF THE SITE SURVEY.
- VIDEO VEHICLE DETECTORS SHALL BE PLACED SO THAT OCCLUSION IS MINIMIZED AND PHASING IS NOT AFFECTED.
- VIDEO DETECTION AREAS SHALL EXTEND FIVE FEET PAST THE STOP BAR.
- SEE THE PLANS AND THE SPECIAL PROVISIONS FOR A DETAILED LIST OF EQUIPMENT.
- VIDEO DETECTION AREAS 1A, 4A, AND 5A ARE IN NON-LOCK PRESENCE MODE. DETECTION AREA 4B IS IN DELAY MODE, 5 SECONDS, NON-LOCK.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD THAT THERE IS ADEQUATE SPACE IN THE CONDUIT AND CONTROLLER FOR VIDEO DETECTION CABLE AND EQUIPMENT. THE CONTRACTOR SHALL CONTACT THE ENGINEER IF SUFFICIENT SPACE IS NOT AVAILABLE.
- CONTRACTOR TO SCHEDULE FINAL INSPECTION AND OBTAIN WRITTEN APPROVAL OF WORK FROM THE VTRANS TRAFFIC SIGNAL TECHNICIAN.
- ALL SIGNAL EQUIPMENT SHALL BE PAINTED FLAT BLACK IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
- ALL SIGNAL EQUIPMENT AND MAST ARM MOUNTED SIGNS SHALL HAVE SAFETY CABLES.
- A UNIFORMED TRAFFIC OFFICER WITH A BLUE LIGHT SHALL BE PRESENT DURING ALL LANE CLOSURES.
- ALL ELECTRICAL WIRING SHALL BE DONE BY A LICENSED ELECTRICIAN AND OVERSEEN BY A MASTER ELECTRICIAN.

LEGEND	
DESCRIPTION	
	EXISTING ANTENNA & PREEMPTION LIGHT
	EXISTING CONDUIT
	EXISTING JUNCTION BOX
	EXISTING CONTROLLER CABINET
	EXISTING SIGNAL POLE
	PROPOSED VIDEO DETECTION AREA
	PROPOSED VIDEO DETECTOR
	EXISTING SIGNAL
	PROPOSED SIGNAL

NOT TO SCALE

<b>TRAFFIC SIGNAL PLAN SHEET #1</b>	PROJECT NAME: RUTLAND CITY
	PROJECT NUMBER: NH 2716(1)
	FILE NAME: p07d188.dgn
	PLOT DATE: 7/19/2013
DESIGNED BY: M.J.M.	DRAWN BY: W.G.P.
IPARM FILE: 07d188vd01.l	CHECKED BY: D.E.G.
	SHEET 242 OF 392

FILE NAME: I:\177653\ACADD\NORTH\NH\_2716\07d188\_vd\_01.dgn  
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