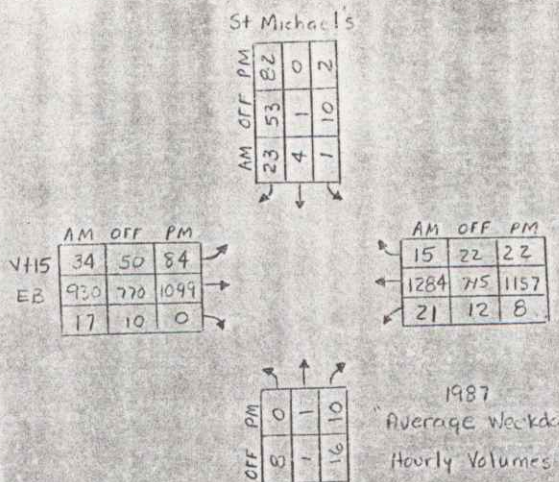


POOR ORIGINAL COPY

SIGNAL TIMING AND PHASING

INITIAL	PHASE A				PHASE B				PHASE C				
	W	W	W	W	W	W	W	W	W	W	W	W	W
EXT													
MIN	40	4	2	8	8	4	2	8	4	2	8	4	2
MAX WIPES	40	4	2	8	8	4	2	8	4	2	8	4	2
MAX WIPES	35			4	2	4						4	2

PHASE	W	W	W	W	W	W	W	W	W	W	W	W	W
PHASE 2	G	Y	R	Y	R	R	G	R	R	G	R	R	G
PHASE 4	R	R	G	R	R	G	R	R	G	R	R	G	R
PHASE 6	G	Y	R	Y	R	R	G	R	R	G	R	R	G
PHASE 8	R	R	G	R	R	G	R	R	G	R	R	G	R
PED	W	W	W	W	W	W	W	W	W	W	W	W	W



- Temporary 24" Stripbars**
60185, 4'-24" RT
61112 ~ 61133, 36" RT (Bagel Factory)
61120 ~ 61141, 36" LT (St Michael's)
61189, 24" RT ~ 8
- Temporary 4" White Lines**
61192 ~ 60192, 12' LT & 12' RT (Dashed)
61189 ~ 62189, 12' LT & 12' RT (Dashed)
- Portland Cement Concrete Sidewalk - 5"**
60187 ~ 61103, RT (See Std C-3 EX IV)
Type 6 Ramp @ 60195
- Temporary 4" Yellow Lines**
59192 ~ 60192, 4' (Double)
61189 ~ 62189, 4' (Double)
61141, 40' ~ 90' LT (Double) - St Michael's
- Temporary Crosswalk w/ Diagonal Lines**
60195, 24' RT ~ 61111, 30' LT
61113, 32' LT ~ 61170, 32' LT
- Vehicle Loop Detector**
St Michael's Drive 6x30 loop, as shown
Bagel Factory Drive two 6x20 loops, as shown + leads ins.
- Electrical Conduit**
St Michael's Drive curb to Pole #1
Bagel Factory Drive edge of drive to Pole #2

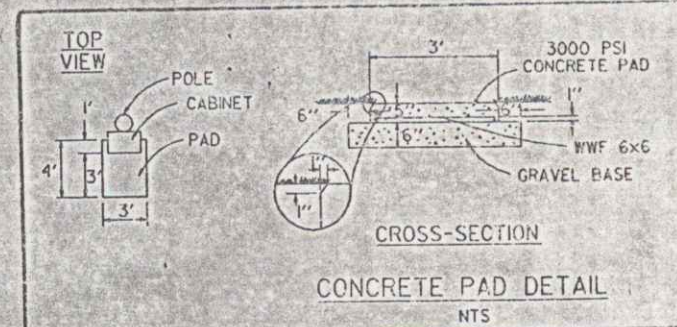
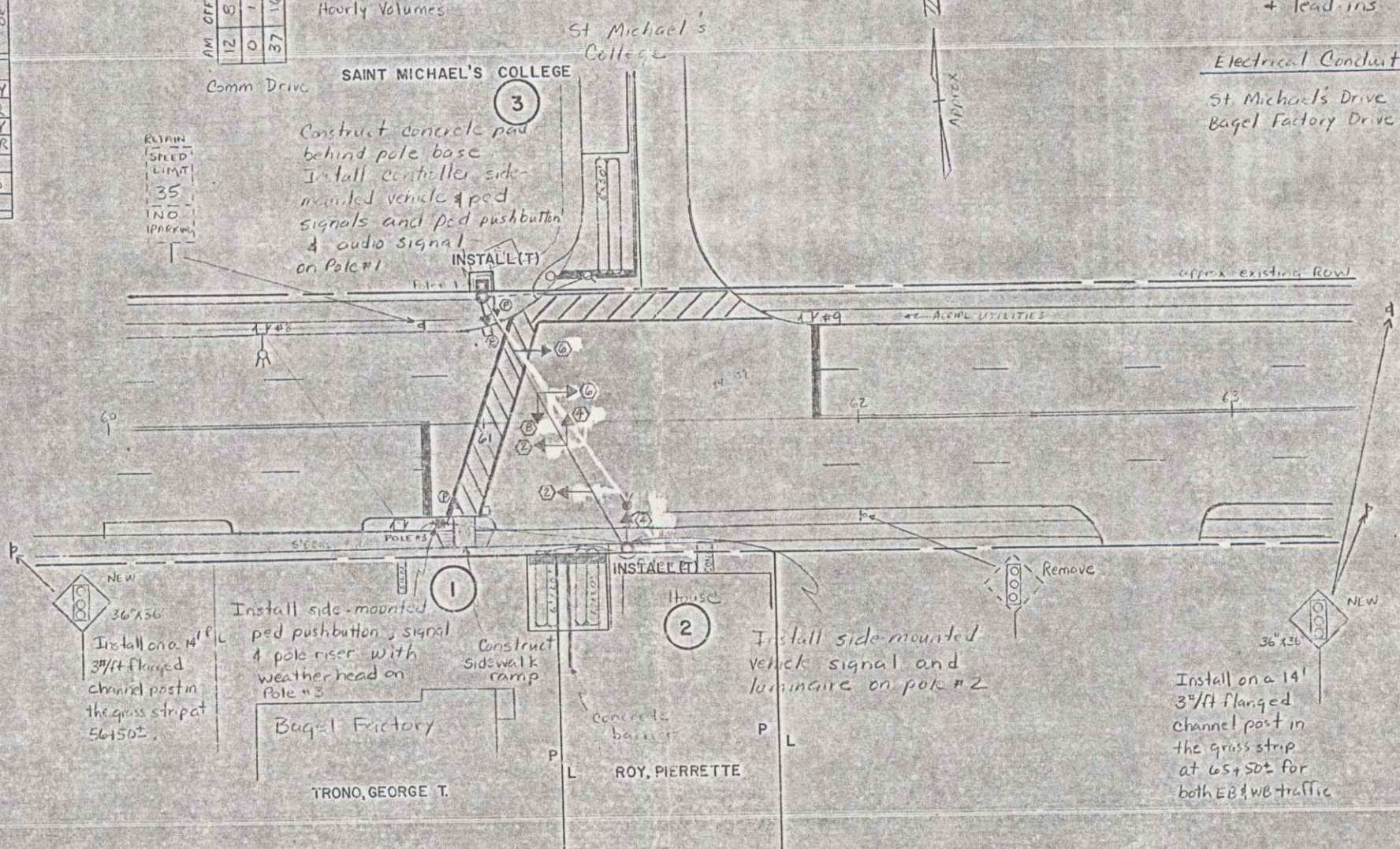
9. Run ped wiring aerially between Pole #2 and #3 on a messenger cable. Min cable clearance over the drive shall be 18'.

WORK TO BE DONE BY STATE FORCES

1. Install traffic signal strain poles. Set bases as shown in detail on sheet 5.
2. Install the cabinet controller and all other necessary equipment on pole #1. Install a meter socket on the side of the cabinet.
3. Install signal heads, pedestrian heads and conduit, as shown.
4. Install a 6x30' loop on the St Michael's Drive and two 6x20' loops on the Bagel Bakery Drive as shown. The loops shall run in the presence mode.
5. Apply pavement markings as shown.
6. Coordinate activities with the utilities.
7. Remove and install signs as shown.
8. Use a delay coil loop amplifier set to 8-10 seconds due to Bagel Factory driveway configuration. (Entering vehicle will trip loops as well as exiting vehicles.) Use a second loop amplifier for the St Michael's drive loop. Both amplifiers shall call the same phase. (Cont'd above)

WORK TO BE DONE BY THE UTILITY

1. Adjust existing utilities to provide adequate clearances. (between poles #8 and #9)
2. Provide power source for controller. Meter to be installed on the cabinet. (Mid span aerial service)
3. Set free standing utility pole (25'±)



EXISTING	NEW	LEGEND
○	○	UTILITY POLE
○	○	LUMINAIRE
○	○	WOOD POLE
○	○	STRAIN POLE
□	□	CONTROLLER CABINET
□	□	PULL BOX / JUNCTION BOX
→	→	SIGNAL HEAD
—	—	CONDUIT
—	—	VEHICLE LOOPS
—	—	SIGNS

PROPERTY OF:
VERMONT AGENCY OF TRANSPORTATION
MAINTENANCE DIVISION

IN EMERGENCY CALL:
DISTRICT TRAFFIC POSITION OFFICE
XXX-XXXX BENDINGTON

NIGHTS & WEEKENDS
XXX-XXXX

A DISTRICT HEADQUARTERS
AS IS APPROPRIATE FOR
EACH LOCATION

LEGEND: - BLACK (RED OR BLUE) - 27x11x27 PAPER FOR TRAFFIC
BACKGROUND MATERIAL, 1/8\"/>

CONTROLLER IDENTIFICATION PLAQUE

1. THIS PLAQUE SHALL BE MOUNTED ON ALL TRAFFIC SIGNAL CONTROL CABINETS. IT SHALL BE FASTENED TO THE CONTROLLER CABINET IN SUCH A MANNER AS TO BE NOT EASILY REMOVED, SUCH AS WELDING, RIVETING OR BOLTED WITH VANDAL PROOF BOLTS.
2. THE LETTERS SHALL BE PUNCHED OR STAMPED, SUCH STAMPING SHALL PENETRATE AT LEAST 1/8\"/>

TRAFFIC SIGNAL LAYOUT & TIMING

JAN 9 1990
COLCHESTER
MA 3717
SHEET 3 OF 3