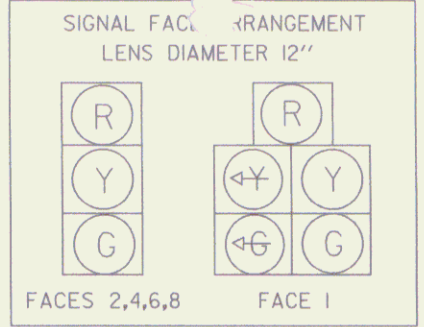


EXISTING	NEW	LEGEND
○	●	UTILITY POLE
○	○	LUMINAIRE
○	○	LIGHT OR WOOD POLE
○	○	STRAIN POLE
□	□	CONTROLLER CABINET
□	□	PULLBOX/JUNCTION BOX
○	○	SIGNAL HEAD
—	—	CONDUIT
—	—	VEHICLE LOOPS
○	○	PEDESTAL POST
○	○	STANCHION
—	—	SWEEP



AM	OFF	PM
148	180	307
32	127	152

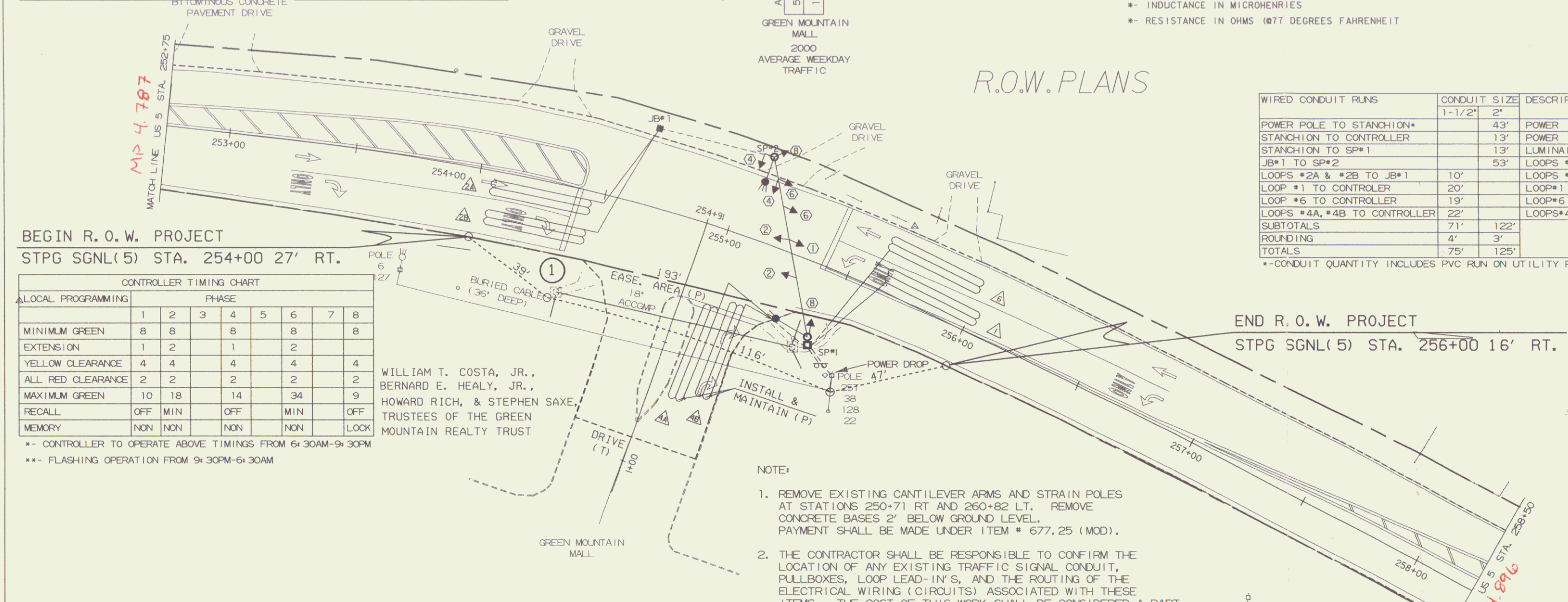
AM	OFF	PM
158	154	208
37	52	52

US 5 FROM LYNDON

*RESEARCH COPY*

VEHICLE DETECTOR LOOPS										
LOOP NO.	LANE	CALL #	SIZE	TYPE & NO. TURNS	DELAY OR PRESENCE	INDUCTANCE CALC. ACT.	RESISTANCE CALC. ACT.	LEAKAGE TO GROUND	LOCKING MEMORY	
1	SB LT	1&6	6x40	QUAD-2	PRESENCE	356	0.70			
2A	NB TH	2&6	6x40	QUAD-2	PRESENCE	403	1.31			
2B	NB RT	2&6	6x40	QUAD-2	PRESENCE	406	1.34			
4A	WB LT	4	6x40	QUAD-2	PRESENCE	359	0.74			
4B	WB RT	4	6x40	QUAD-2	PRESENCE	354	0.67			
6	SB TH	2&6	6x40	QUAD-2	PRESENCE	359	0.73			
8				MICROWAVE						

\*- INDUCTANCE IN MICROHENRIES  
\*- RESISTANCE IN OHMS (@77 DEGREES FAHRENHEIT)



R.O.W. PLANS

WIRED CONDUIT RUNS	CONDUIT SIZE	DESCRIPTION
POWER POLE TO STANCHION*	1-1/2"	2'
STANCHION TO CONTROLLER*		43'
STANCHION TO SP#1		13'
STANCHION TO SP#2		13'
STANCHION TO SP#3		13'
STANCHION TO SP#4		13'
STANCHION TO SP#5		13'
STANCHION TO SP#6		13'
STANCHION TO SP#7		13'
STANCHION TO SP#8		13'
STANCHION TO SP#9		13'
STANCHION TO SP#10		13'
STANCHION TO SP#11		13'
STANCHION TO SP#12		13'
STANCHION TO SP#13		13'
STANCHION TO SP#14		13'
STANCHION TO SP#15		13'
STANCHION TO SP#16		13'
STANCHION TO SP#17		13'
STANCHION TO SP#18		13'
STANCHION TO SP#19		13'
STANCHION TO SP#20		13'
STANCHION TO SP#21		13'
STANCHION TO SP#22		13'
STANCHION TO SP#23		13'
STANCHION TO SP#24		13'
STANCHION TO SP#25		13'
STANCHION TO SP#26		13'
STANCHION TO SP#27		13'
STANCHION TO SP#28		13'
STANCHION TO SP#29		13'
STANCHION TO SP#30		13'
STANCHION TO SP#31		13'
STANCHION TO SP#32		13'
STANCHION TO SP#33		13'
STANCHION TO SP#34		13'
STANCHION TO SP#35		13'
STANCHION TO SP#36		13'
STANCHION TO SP#37		13'
STANCHION TO SP#38		13'
STANCHION TO SP#39		13'
STANCHION TO SP#40		13'
STANCHION TO SP#41		13'
STANCHION TO SP#42		13'
STANCHION TO SP#43		13'
STANCHION TO SP#44		13'
STANCHION TO SP#45		13'
STANCHION TO SP#46		13'
STANCHION TO SP#47		13'
STANCHION TO SP#48		13'
STANCHION TO SP#49		13'
STANCHION TO SP#50		13'
STANCHION TO SP#51		13'
STANCHION TO SP#52		13'
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STANCHION TO SP#66		13'
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STANCHION TO SP#68		13'
STANCHION TO SP#69		13'
STANCHION TO SP#70		13'
STANCHION TO SP#71		13'
STANCHION TO SP#72		13'
STANCHION TO SP#73		13'
STANCHION TO SP#74		13'
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STANCHION TO SP#78		13'
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STANCHION TO SP#81		13'
STANCHION TO SP#82		13'
STANCHION TO SP#83		13'
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STANCHION TO SP#104		13'
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STANCHION TO SP#107		13'
STANCHION TO SP#108		13'
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STANCHION TO SP#110		13'
STANCHION TO SP#111		13'
STANCHION TO SP#112		13'
STANCHION TO SP#113		13'
STANCHION TO SP#114		13'
STANCHION TO SP#115		13'
STANCHION TO SP#116		13'
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STANCHION TO SP#118		13'
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STANCHION TO SP#120		13'
STANCHION TO SP#121		13'
STANCHION TO SP#122		13'
STANCHION TO SP#123		13'
STANCHION TO SP#124		13'
STANCHION TO SP#125		13'
STANCHION TO SP#126		13'
STANCHION TO SP#127		13'
STANCHION TO SP#128		13'
STANCHION TO SP#129		13'
STANCHION TO SP#130		13'
STANCHION TO SP#131		13'
STANCHION TO SP#132		13'
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STANCHION TO SP#169		13'
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STANCHION TO SP#186		13'
STANCHION TO SP#187		13'
STANCHION TO SP#188		13'
STANCHION TO SP#189		13'
STANCHION TO SP#190		13'
STANCHION TO SP#191		13'
STANCHION TO SP#192		13'
STANCHION TO SP#193		13'
STANCHION TO SP#194		13'
STANCHION TO SP#195		13'
STANCHION TO SP#196		13'
STANCHION TO SP#197		13'
STANCHION TO SP#198		13'
STANCHION TO SP#199		13'
STANCHION TO SP#200		13'

BEGIN R. O. W. PROJECT  
STPG SGNL(5) STA. 254+00 27' RT.

END R. O. W. PROJECT  
STPG SGNL(5) STA. 256+00 16' RT.

CONTROLLER TIMING CHART								
LOCAL PROGRAMMING	PHASE							
	1	2	3	4	5	6	7	8
MINIMUM GREEN	8	8	8	8	8	8	8	8
EXTENSION	1	2	1	2	1	2	1	2
YELLOW CLEARANCE	4	4	4	4	4	4	4	4
ALL RED CLEARANCE	2	2	2	2	2	2	2	2
MAXIMUM GREEN	10	18	14	34	9			
RECALL	OFF	MIN	OFF	MIN	OFF	MIN	OFF	MIN
MEMORY	NON	NON	NON	NON	NON	NON	NON	NON

\*- CONTROLLER TO OPERATE ABOVE TIMINGS FROM 6:30AM-9:30PM  
\*\*- FLASHING OPERATION FROM 9:30PM-6:30AM

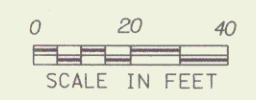
WILLIAM T. COSTA, JR.,  
BERNARD E. HEALY, JR.,  
HOWARD RICH, & STEPHEN SAXE,  
TRUSTEES OF THE GREEN MOUNTAIN REALTY TRUST

- NOTE:
- REMOVE EXISTING CANTILEVER ARMS AND STRAIN POLES AT STATIONS 250+71 RT AND 260+82 LT. REMOVE CONCRETE BASES 2' BELOW GROUND LEVEL. PAYMENT SHALL BE MADE UNDER ITEM # 677.25 (MOD).
  - THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE LOCATION OF ANY EXISTING TRAFFIC SIGNAL CONDUIT, PULLBOXES, LOOP LEAD-IN'S, AND THE ROUTING OF THE ELECTRICAL WIRING (CIRCUITS) ASSOCIATED WITH THESE ITEMS. THE COST OF THIS WORK SHALL BE CONSIDERED A PART OF THE "TRAFFIC SIGNAL" ITEM 678.15.
  - CALL DIG SAFE PRIOR TO PERFORMING ANY EXCAVATION WORK.
  - THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE ACTUAL LOCATION OF THE EXISTING UNDERGROUND FACILITIES PRIOR TO EXCAVATING. ANY DAMAGE SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
  - THE LOCATION OF STRAIN POLE #1 IS NOT TO INTERFERE WITH THE DRAINAGE AT THE D. I.

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS
1	WILLIAM T. COSTA, JR., BERNARD E. HEALY, JR., HOWARD RICH, AND STEPHEN SAXE, TRUSTEES OF THE GREEN MOUNTAIN REALTY TRUST		254+00 RT. 254+91 RT. 254+91 RT.	256+00 RT. 255+16 RT.			EASEMENT DRIVE INSTALL & MAINTAIN (P) 416 S.F.	MOORE	5-3-01	ST. JOHNSBURY	250	175-178	INSTALL SIGNALS 50' PAVED W/ GRASS TRAFFIC LOOPS & PAINTED MARKINGS

REVISION NO.	SHEET	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY
		ELECTRONIC IPARM TO TRAFFIC 4-20-01			

DATUM  
VERTICAL NAVD88  
HORIZONTAL NAD83(92)



FOR R.O.W. USE ONLY  
ROADWAY LAYOUT  
SHEET #3-  
NEW SIGNAL SYSTEM

PROJECT: ST. JOHNSBURY	PROJECT NO.: STPG SGNL(25)
DESIGN FILE NAME: /traf/94c260/1c260bdr.dgn	PLOT DATE: 15-FEB-2002
IPARM FILE NAME: /traf/94c260/1c260ts3.1	SURVEY DATE:
SURVEYED BY:	DRAWN BY: GFJ
SQUAD LEADER: EJB	R. O. W. SHEET 1 OF 1 SHEET
	SHEET 4 OF 13 SHEETS

*Pin # 94C260*  
*Route: US5*  
*Date: 2/15/2002*

JUL 18 2003

*Scanned into on back*  
*3-2-06*  
*BAP*