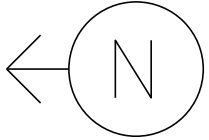


MS # 908

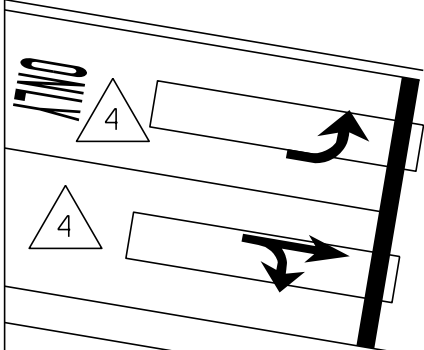


US 5 NORTH

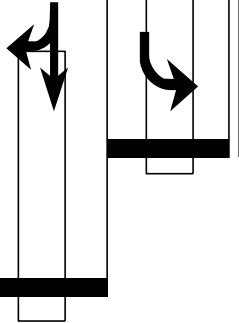
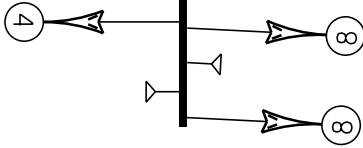
MCDONALDS

VERIZON

QUARRY ROAD



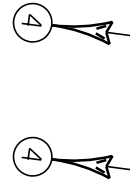
JB



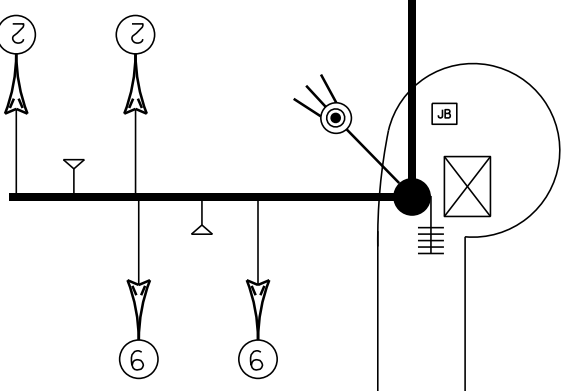
2

2

ONLY



8



JB

JB

JB

- VIDEO CAMERA
- CONTROL BOX
- MAST ARM
- COORDINATION
- VIDEO DETECTION
- JUNCTION BOX
- LUMINAIRE
- STANCHION
- ROADWAY SIGN
- = NO TURN ON RED

MODERN FURNITURE

DISTRICT 9 GARGAGE

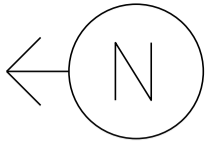
NOT TO SCALE US 5 SOUTH

ONLY

6

6

MS # 908



MCDONALDS

US 5 NORTH

VERIZON

QUARRY ROAD

11' LANE LINE 155'

11' ONLY

11'



STOP BAR 11'

STOP BAR 16'

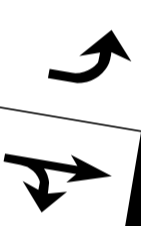
11'

ONLY

11'

LANE LINE 110'

11'



STOP BAR 22'

STOP BAR 14'

14'

MODERN FURNITURE

STOP BAR 12'

STOP BAR 12'



ONLY

LANE LINE 175'


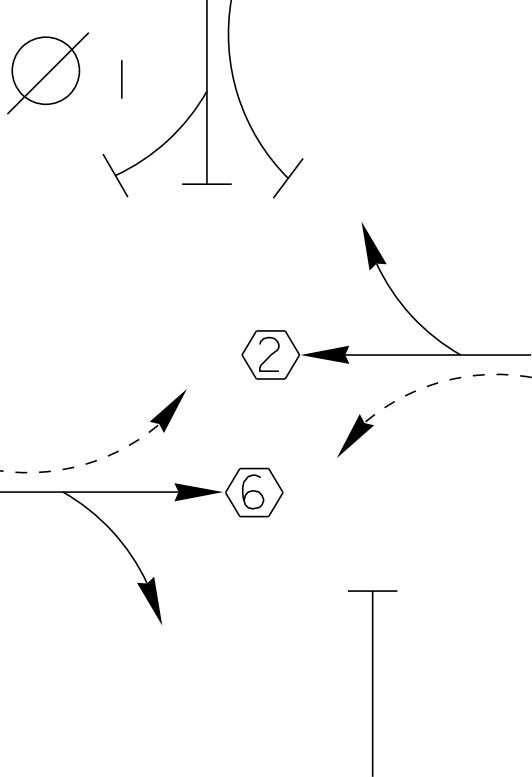
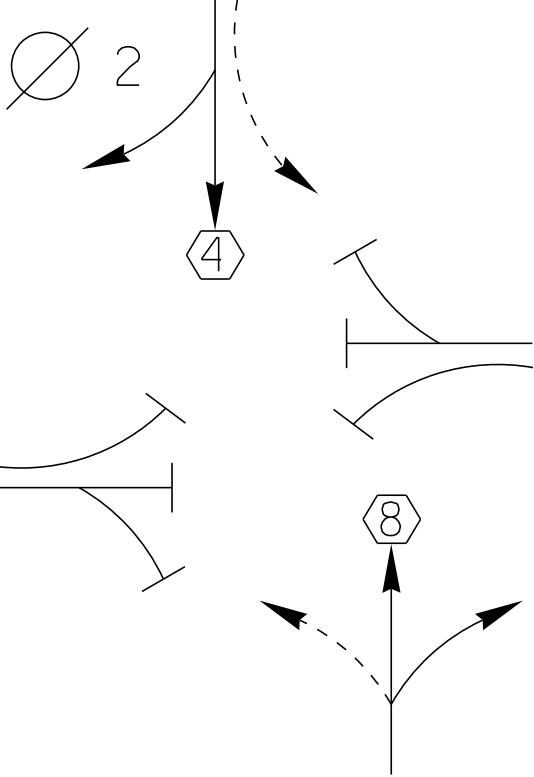






11'

11'

11'

DISTRICT 9 GARGAGE

NOT TO SCALE US 5 SOUTH

<p style="text-align: center;">D I A G R A M</p> 				
<p style="text-align: center;">TIMING</p>	<p>G = Y =</p>	<p>G = Y =</p>	<p>G = Y =</p>	<p>G = Y =</p>
<p style="text-align: center;">D I A G R A M</p>				
<p style="text-align: center;">TIMING</p>	<p>G = Y =</p>	<p>G = Y =</p>	<p>G = Y =</p>	<p>G = Y =</p>



CYCLE LENGTH, C= _____ S



PROPERTY OF
VT. AGENCY OF TRANS.
MAINTENANCE DIV.
IN EVENT OF CALL
CALL TRAIL OFFICE
REG. 800-734-5555
NORTH & BEECHER • REG. 800-734-5555
INTERMOUNTAIN • REG. 800-734-5555

PROPERTY OF :

VT. AGENCY OF TRANS.
MAINTENANCE DIV.

IN EMERGENCY CALL :
DIST. TRANS. OFFICE
(802) 334-7934 DERBY

NIGHTS & WEEKENDS : (802) 250-0163

INTERSECTION NO. MS-906

DANGER

115 VOLTS A.C.

WARNING

DO NOT OPERATE
CABINET WITHOUT
CMU / MMU

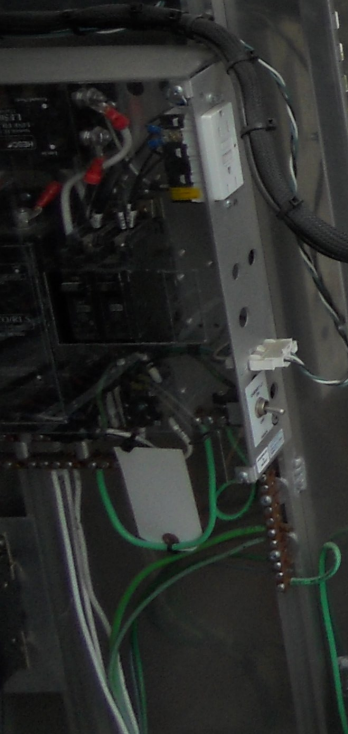
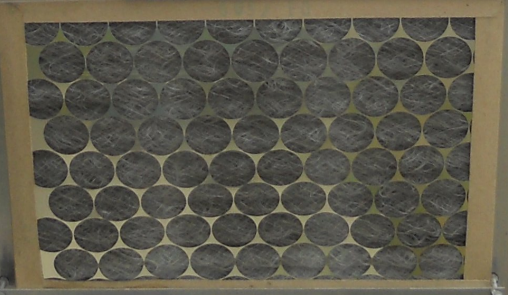
7/19/10 CM
7-19-2010
S
A
S
A
S
A
S
A
S
A
S

Control panel with the following labels and controls:

- COORP: COORP FREE
- FLASH: FLASH
- AUTO: AUTO
- STOP TEST: STOP TEST OFF
- MAIN ON: MAIN ON OFF
- COORP ON: COORP ON OFF

ECONOLITE
7530
127-2887-021

PRINTS FOR CABINET
ECONOLITE
QTY: 3 SETS
CD
VELLUMS
SO #: 07-2887-021

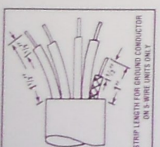


TURN ON
7-19-2010

3 → 2 = 1 = 0
M → 2 = 1 = 0
2 → 3 = 2 = 1 = 0
S → 4 = 3 = 2 = 1 = 0

TABLE 1

TERMINAL IDENT.	CONDUCTOR IDENT.
GROUND OR GREEN COLOR	Green insulation for equipment ground only.
W	White or gray insulation for neutral only.
X, Y or Z	Red, black, etc. insulation for hot conductor only.



WARNING: IMPROPER WIRING OF ANY ELECTRICAL DEVICE CAN CAUSE SERIOUS INJURY OR DEATH. THESE WIRING DEVICES SHOULD BE INSTALLED ONLY BY AN ELECTRICIAN OR OTHER QUALIFIED PERSON. NOTICE: CONNECT ONLY COPPER OR COPPER-CLAD WIRE TO THIS DEVICE. SEE REVERSE SIDE FOR WIRING INSTRUCTIONS.

BUS INTERFACE UNIT

POWER ON

TRANSMIT

VALID DATA

PORT

ECONOLITE

Autoscope
Terra Access Point
ECONOLITE

POWER

MVP 1 2 3 4

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

PORT 1

SELECT 1 2 3 4 5

VALID DATA

VIDEO OUTPUT

B.I.U. DETECTOR #1

L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16

PREEMPTOR EVP# 3

PREEMPTOR EVP# 5

PREEMPTOR EVP# 4

PREEMPTOR EVP# 6

DETECTOR SWITCH MODULE

GRN IN OUT

YEL IN OUT

RED IN OUT

tsc

MODEL 304-15

LOAD 1

LOAD 2

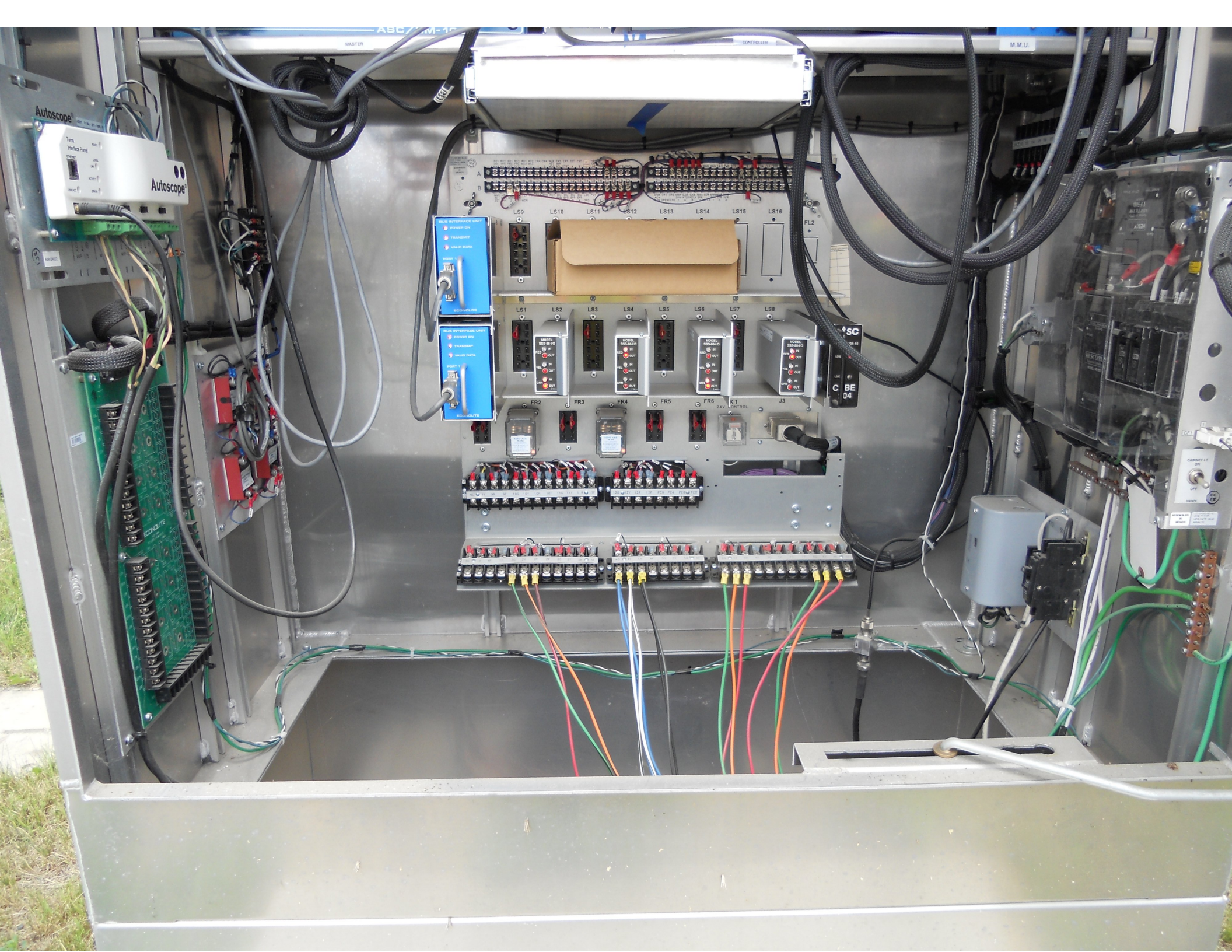
CUBE 204

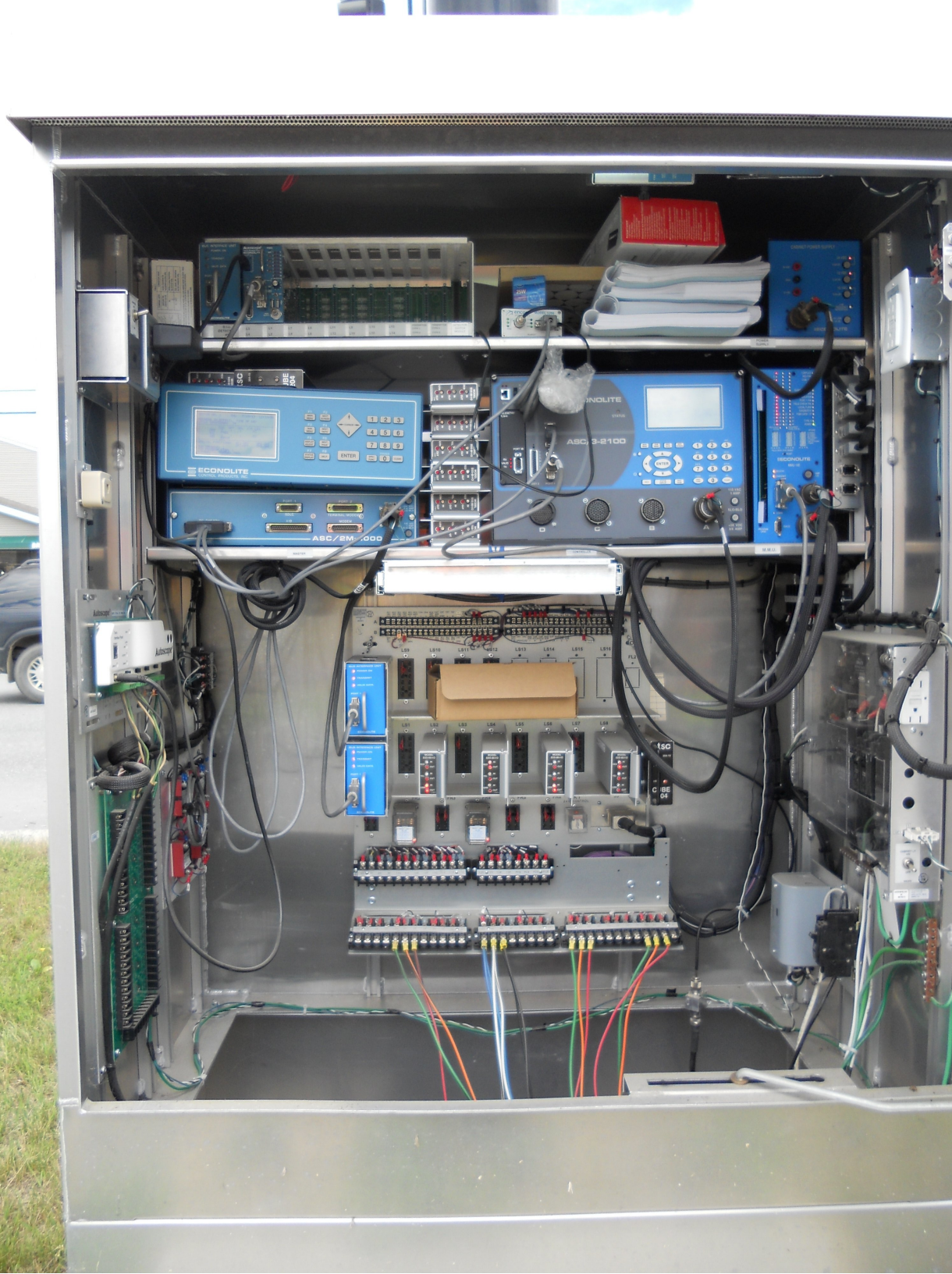
GRN IN OUT

YEL IN OUT

RED IN OUT

MODEL SSS-88-I/O





DANGER / PELIGRO
HAZARD OF ELECTRICAL SHOCK OR BURN
SERVICE BY UTILITY AUTHORIZED PERSONNEL ONLY
DO NOT PAINT OVER OR REMOVE THIS LABEL
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA
SOLAMENTE PERSONAS AUTORIZADAS DE LA COMPAÑIA
ELECTRICA PUEDEN MANTENIRLO
NO PINTEN ENCIMA NI REMUEVA ESTA ETIQUETA

Y72586-301 A MFR EMT-3C 13874853

06944

CL200 240V 3W TYPE C1S 30TA 1.0Kh

VEC CA 0.5
1NF40320649 AI FM2S
SN 40 320 649 60HZ

Itron
WATT-HOUR METER
USA 8/05

MILBANK MFG. CO.
MILBANK CITY, MO
EL DORADO, ARK.
MILBANK, MO.
TO RESET BREAKER
PUSH THIS
MILBANK MFG. CO.
GENERAL OFFICE, P.O. BOX
MILBANK, MO. 64502

MAIN

ST. 20 50 SHOP

20 50



DANGER / PELIGRO
HAZARD OF ELECTRICAL SHOCK OR BURN
SERVICE BY UTILITY AUTHORIZED PERSONNEL ONLY
DO NOT PAINT OVER OR REMOVE THIS LABEL
PELIGRO DE DESCARGA ELECTRICA O QUEMADURA
SOLAMENTE PERSONAS AUTORIZADAS DE LA COMPAÑIA
ELECTRICA PUEDEN MANTENIRLO
NO PINTEN ENCIMA NI REMUEVA ESTA ETIQUETA



STOP
HERE ON
RED
↙

25

Walmart
Walmart
Walmart







LEGAL LOAD
AS FOR
STATE
HIGHWAYS

SUMMIT

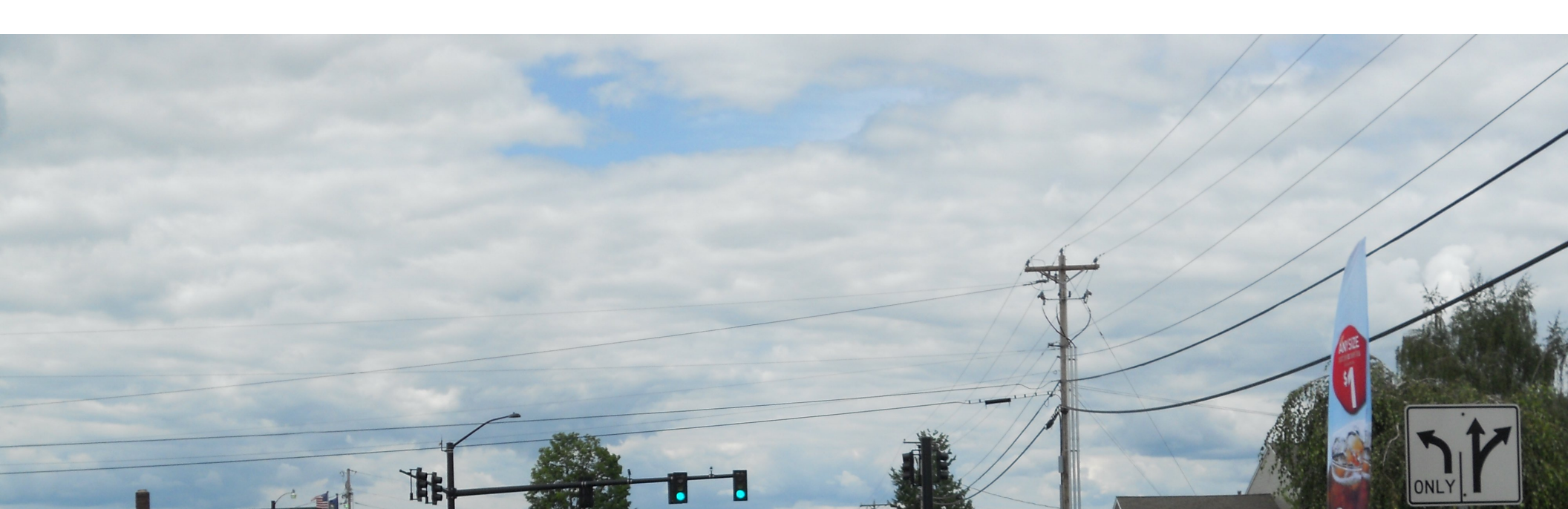
U.M.C.
POLE 72-15.5" x 20'6"
MFR-12.0" x 40'8"
53K31
2003



U.M.C.
POLE 7E-15.5" X 20'6"
ARM-12.0" X 40'0"
55KSI
2009



ONLY





WOLF CHINA

WILSON'S
FURNITURE
& HOMEWARE

GARAGE
SALE









U.M.C.
POLE 3E-15.0" X 22'0"
ARM 7E-12.0" X 40'0"
ARM 7E-8.50" X 35'0"
55KSI
2009



ONLY

NL

→



STOP
HERE ON
RED
↙
NO
TURN
ON RED
●





QUARRY RD

TH-27



ONLY

NO PARKING
BEGIN

WILSON'S
EXTERIORS
& FINISHING

McDonald's

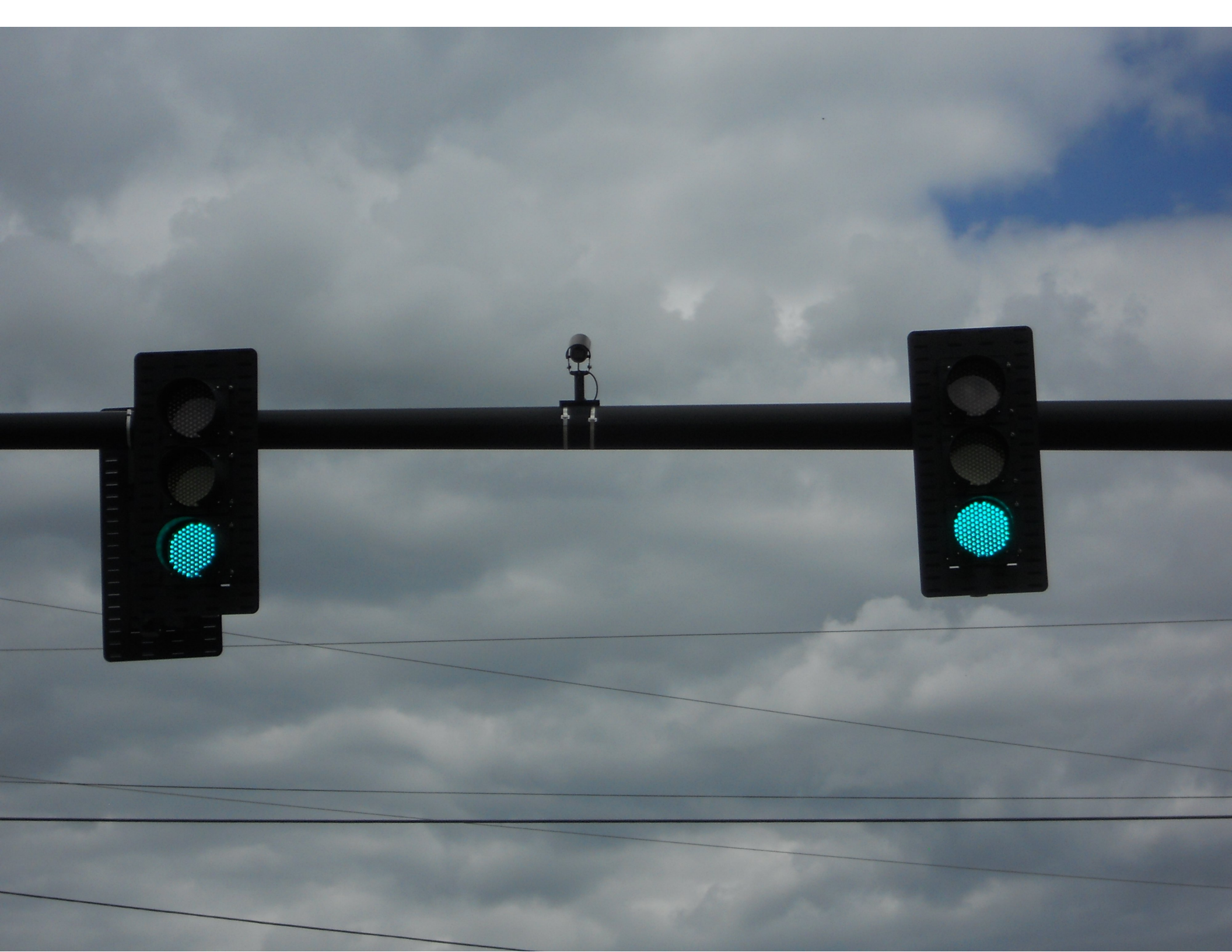
TRAVEL
MOTEL

ONLY









VEHICLE LOOP DETECTOR SCHEDULE

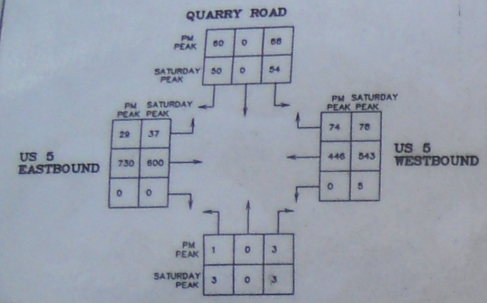
Loop	Lane	Call Phas	Size	Type	No. of Turns	Mode	Inductance		Resistance		Leakage to Ground	Imp Type	Loading Memory
							Calc	Actual	Calc	Actual			
2A	WB L	240	6" x 40'	QUAD	2	PRES	191 mH		1.00 ohm		STD	X	
2B	WB TR	240	6" x 40'	QUAD	2	PRES	185 mH		1.00 ohm		STD	X	
4A	SB L	4	6" x 40'	QUAD	2	PRES	185 mH		1.00 ohm		STD	X	
4B	SB TR	4	6" x 40'	QUAD	2	PRES	185 mH		1.00 ohm		STD	X	
8A	EB L	240	6" x 40'	QUAD	2	PRES	204 mH		1.25 ohm		STD	X	
8B	WB L	240	6" x 40'	QUAD	2	PRES	183 mH		0.98 ohm		STD	X	
S	NBLTR	8	6" x 40'	QUAD	2	DELAY-8	172 mH		0.84 ohm		STD	X	

ALL CALCULATED VALUES ARE AT THE CONTROLLER. MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.

CONDUIT SCHEDULE

	ORIGIN	DESTINATION	ESTIMATED LENGTH
2"	POWER SOURCE POLE	JUNCTION BOX #1	80'
2"	POWER JUNCTION BOX #1	ACTION BOX #1	80'
2"	POWER JUNCTION BOX #1	STATIONCH	5'
2"	POWER STATIONCH	CONTROLLER	10'
1-1/2"	LOOP EDGE OF PMT #1	JUNCTION BOX #1	3'
1-1/2"	LOOP JUNCTION BOX #1	JUNCTION BOX #2	113'
2"	LOOP JUNCTION BOX #2	JUNCTION BOX #3	55'
1-1/2"	LOOP EDGE OF PMT #2	JUNCTION BOX #3	3'
1-1/2"	LOOP JUNCTION BOX #3	JUNCTION BOX #4	88'
1-1/2"	LOOP EDGE OF PMT #3	JUNCTION BOX #4	3'
2"	LOOP JUNCTION BOX #4	JUNCTION BOX #5	44'
1-1/2"	LOOP EDGE OF PMT #4	JUNCTION BOX #5	2'
2"	LOOP JUNCTION BOX #5	JUNCTION BOX #6	88'
1-1/2"	LOOP EDGE OF PMT #5	JUNCTION BOX #6	4'
1-1/2"	POWER JUNCTION BOX #6	CONTROLLER	7'
1-1/2"	POWER POLE #1	JUNCTION BOX #6	7'
1-1/2"	POWER POLE #1	JUNCTION BOX #7	3'
2"	POWER JUNCTION BOX #7	JUNCTION BOX #8	108'
2"	POWER JUNCTION BOX #8	JUNCTION BOX #9	55'

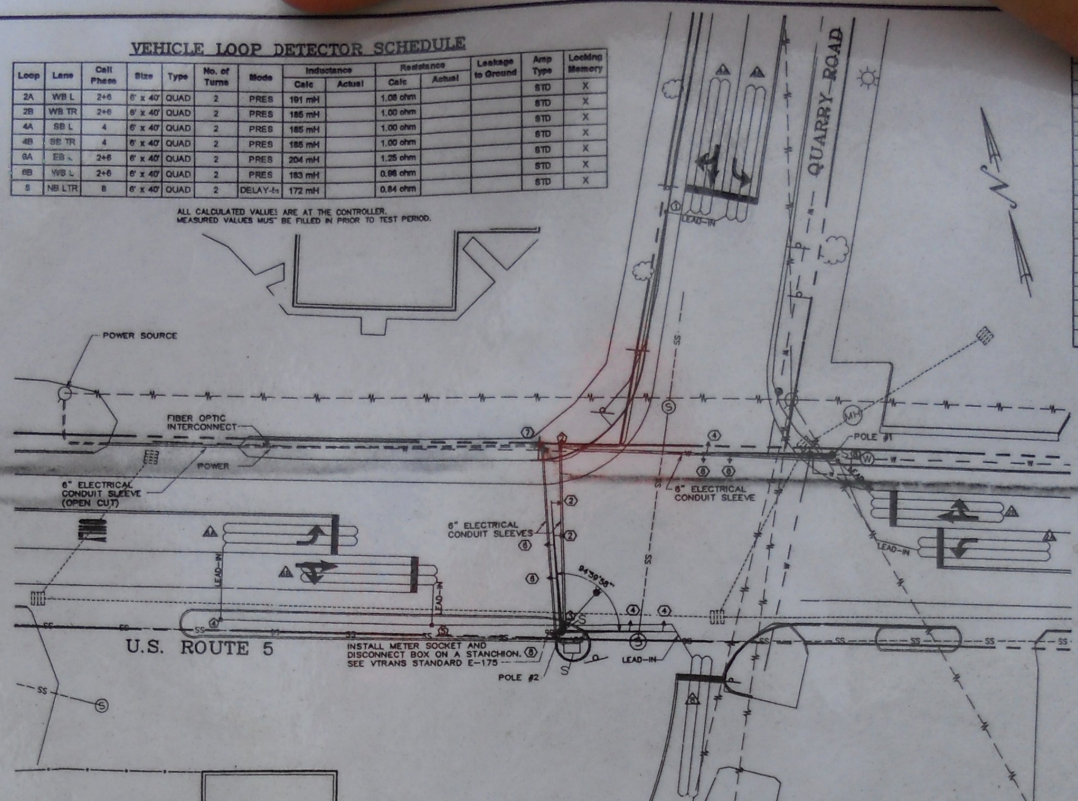
*ACTUAL LENGTHS BY CONTRACTOR



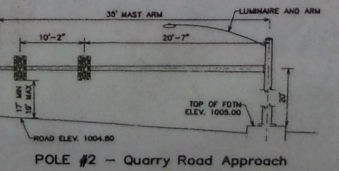
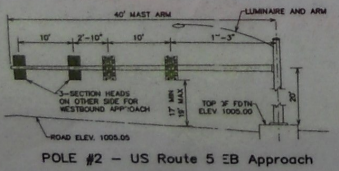
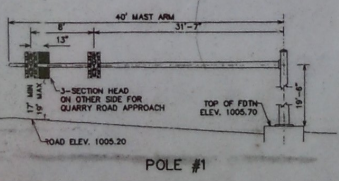
US 5 EASTBOUND
 SATURDAY PEAK: 50, 0, 60
 PM PEAK: 29, 37
 730, 800
 0, 0

US 5 WESTBOUND
 SATURDAY PEAK: 50, 0, 60
 PM PEAK: 74, 78
 446, 543
 0, 5

- NOTES:**
- NEW EQUIPMENT
 - ALL SIGNAL HEADS SHALL BE RIGIDLY MOUNTED ON CANTILEVER ARMS AND SHALL BE BLACK POLYCARBONATE. ALL LENSES SHALL BE LED'S WITH A VISIBLE BEAM SPREAD OF EIGHTY DEGREES OFF-AXIS. ALL SIGNAL HEADS SHALL INCLUDE DISCONNECT HANGERS (WHERE NEEDED), AND BACKPLATES SHALL BE INCLUDED AS SPECIFIED ON PLANS.
 - THE CONTROLLER SHALL BE ECONOMITE BRAND, MODEL AS3/25-2100 (TS-2 TYPE 2) CABINET TO BE GROUND MOUNTED WITH BASE EXTENSION AND SIZED APPROPRIATELY TO HOUSE EQUIPMENT.
 - PROVIDE AN ECONOMITE AS3/24-1000 SYSTEM MASTER.
 - A DISCONNECT BREAKER FOR EACH CIRCUIT SHALL BE INSTALLED IN A HARMPROOF (NEMA 3R) LOCKED CABINET ON A STATIONCH. CONSIDER USING OPTION #2 ON STD E-172.
 - THE CONTROLLER CABINET SHALL BE EQUIPPED WITH FULL-OUT SHELVES CAPABLE OF SUPPORTING LAPTOP COMPUTER.
 - SIGNAL OPERATION
 - SWITCH-OVER FROM EXISTING TO REPLACEMENT SIGNALS SHALL NOT BE DONE DURING PEAK TRAFFIC PERIODS. UNIFORMED TRAFFIC OFFICERS SHALL CONTROL TRAFFIC DURING SWITCH-OVER.
 - THE SIGNAL SHALL OPERATE ON THE US 5 MOVEMENT (PHASE 2 & 6).
 - IN THE US 5 PHASE (2 & 6) SHALL BE USED FOR THE START-UP PHASE FOLLOWING A FLASH OPERATION. IF USED ALL PHASES WILL START ON ALL RED INDICATION FOR FIVE SECONDS.
 - PROCEED TO COMMENCING FULL OPERATION. THE SIGNAL SYSTEM SHALL OPERATE IN FULL FLASH MODE FOR A MINIMUM OF 48 HOURS.
 - JUNCTION / PULL BOXES
 - JUNCTION/PULL BOXES ARE DETAILED ON STD E-173. MINIMUM JUNCTION BOX SIZE SHALL BE 18" x 12", OR LARGER AS REQUIRED BY ELECTRICAL CODE.
 - THE LOGS ON THE PULL BOXES/JUNCTION BOXES SHALL BE "SIGNAL".
 - POLYMER CONCRETE & REINFORCED FIBERGLASS UL LISTED PULL BOXES SHALL BE INSTALLED WITH HEAVY DUTY COVERS.
 - TRAFFIC SIGNAL CONDUIT
 - ALL TRAFFIC CONDUIT SHALL BE PVC.
 - MINIMUM CONDUIT SIZE SHALL BE:
 - 1-1/2" FOR INTERCONNECT CABLE AND LOOP WIRE.
 - 2" FOR SHIELDED LEAD-IN CABLE SIGNAL CABLE, POWER CABLE.
 - ALL CONDUITS, UNLESS SPECIFIED OTHERWISE ON THE PLANS.
 - SEE CHART ON SHEET E-172 FOR DESIGN VALUES.
 - IF CONDUIT IS PLACED BELOW THE ROADWAY OR ACROSS SIDE ROADS, IT SHALL BE PLACED IN A PVC ELECTRICAL CONDUIT SLEEVE. SEE SIZE AS SHOWN ON THE PLANS (8" MIN).
 - STREET LIGHTING
 - MAST ARMS SHALL HAVE A 250 WATT HIGH PRESSURE SODIUM LUMINAIRE AS SHOWN ON THE PLANS. INSTALLED WITH A 3' MOUNTING HEIGHT ABOVE THE EDGE OF PAVEMENT WITH A 15' ARM. ARM ORIENTATION IS SHOWN ON LAYOUT SHEET.
 - VEHICLE LOOP DETECTORS
 - STANDARD E-172 LOOP SHALL EXTEND 5 FEET AHEAD OF STOP BAR UNLESS OTHERWISE NOTED ON THE PLANS.
 - GENERAL
 - THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND MAKE ALL NECESSARY ARRANGEMENTS WITH THE UTILITY COMPANY TO PROVIDE A PERMANENT POWER SUPPLY TO THE SIGNAL AND STREET LIGHTING EQUIPMENT. IF APPLICABLE, THE ROUTING OF POWER TO THE INTERSECTION SHALL BE SUCH THAT THE STATE HAS FULL RESPONSIBILITY FROM THE METER TO THE SIGNAL. NO INTERFERING OWNERSHIP RESPONSIBILITY SHALL BE ALLOWED.
 - AN ID PLAQUE AS DETAILED SHALL BE AFFIXED TO THE CONTROLLER.
 - CONTRACTOR SHALL ALLOW FOR EVALUATION AND TUNING AND PHASING CHANGES DURING INITIAL OPERATION FOR AOT SPECIFICATIONS.
 - RELATED VT AGENCY OF TRANSPORTATION STANDARDS, AS APPLICABLE:
 - E-142 REGULATORY SIGN DETAILS
 - E-143 REGULATORY SIGN DETAILS
 - E-144 WARNING SIGN DETAILS
 - E-145 PAVEMENT MARKING DETAILS
 - E-146 PAVEMENT MARKING DETAILS
 - E-147 PAVEMENT MARKING DETAILS
 - E-148 TRAFFIC CONTROL SIGNALS, PRESTAL POST MOUNTED
 - E-149 TRAFFIC CONTROL SIGNALS, GENERAL NOTES & DETAILS
 - E-150 TRAFFIC CONTROL SIGNALS, MISC. DETAILS
 - E-151 TRAFFIC CONTROL SIGNALS, CANTILEVER MOUNTING DETAILS
 - E-152 VEHICLE DETECTOR LOOP DETAILS
 - E-153 PULLBOXES & JUNCTION BOXES
 - E-154 POWER DROP STATIONCHS
 - E-155 PAVEMENT MARKING DETAILS
 - E-156 PAVEMENT MARKING DETAILS
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE AND ELEVATION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING, IN WRITING, OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION SHALL BE TAKEN BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD BEFORE COMMENCING CONSTRUCTION AND NOTIFY THE ENGINEER, IN WRITING, OF ANY DISCREPANCY FOUND.
 - LOCATION OF NEW AND/OR RELOCATED SIGNAGE SHALL BE COORDINATED WITH THE PROPER VERMONT AGENCY OF TRANSPORTATION OFFICIAL PRIOR TO INSTALLATION.
 - THE QUANTITIES LISTED ABOVE ARE APPROXIMATE AND ARE FURNISHED FOR INFORMATION ONLY. MISCELLANEOUS UNLASED WIRE, CABLE, HARDWARE, ETC., ARE REQUIRED TO PROVIDE FOR A FUNCTIONING TRAFFIC SIGNAL SYSTEM. THE CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF THE NUMBER OF ITEMS AND THE TYPES OF EQUIPMENT REQUIRED.
 - NEW SIGNAL SUPPORTS SHALL BE DESIGNED IN ACCORDANCE WITH ASHRAE'S STANDARD SPECIFICATION FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNAL, LUMINAIRES, AND TRAFFIC SIGNALS DATED 2001 OR ITS LATEST REVISION.



US ROUTE 5 INTERSECTION PLAN



POLE #1

POLE #2 - US Route 5 EB Approach

POLE #2 - Quarry Road Approach

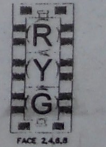
POLE/MAST ARM DESIGN NOTES

LUMINAIRE NOTES

SEE NOTE 13 FOR CANTILEVER POLE DESIGN SPECIFICATIONS.

TYPICAL ELEVATIONS

POLE DETAILS



SIGNAL FACE ARRANGEMENT

CONTROLLER TIMING CHART

LOCAL PROGRAMMING	PHASE								WEEKDAY TRAFFIC
	1	2	3	4	5	6	7	8	
MINIMUM GREEN	15	8	15	8					WEEKDAY PEAK: 9AM - 5PM
EXTENSION	2	2	2	2					WEEKDAY OFF-PEAK: REST OF DAY
YELLOW CLEARANCE	4	4	4	4					SATURDAY PEAK: 1AM - 3PM
ALL RED CLEARANCE	2	2	2	2					SATURDAY OFF-PEAK: REST OF DAY
MAX GREEN 1 (WEEKDAY OFF PEAK)	33	15	33	15					
MAX GREEN 2 (EAM OFF PEAK)	25	12	25	12					
WALK	-	-	-	-					
FLASHING BOLT WALK	-	-	-	-					

TIMING & PHASING DIAGRAM

COORDINATION TABLES

PLAN NO.	DAY OF WEEK								TIME	CYCLE	OFFSET	SPLIT	REMARKS
	M	T	W	T	F	S	S						
1	X	X	X	X	X			10:00	1	1	1	COORDINATED	
2	X	X	X	X	X			18:00				FREE	
3	X	X	X	X	X			9:00	1	1	1	COORDINATED	
4						X		18:00				FREE	
5						X		9:00				FREE	

LIST OF MAJOR EQUIPMENT

EQUIPMENT	QUANTITY
NEW 12" LED TRAFFIC SIGNAL HEADS BY TUNNEL VISIONS, DISCONNECT HANGERS & MOUNTING HARDWARE BACKPLATES FOR ALL HEADS	9-ONE WAY, 3 SECTION
CANTILEVER ARM WITH MAST ARM(S), LUMINAIRE ARM AND FOUNDATION (ONE LUMINAIRE ARM REQ'D)	2
SIGNAL CONTROLLER	1
SYSTEM MASTER	1
EQUIPMENT CABINET	1
POWER DROP STATIONCH	1
VEHICLE DETECTOR LOOPS	7
MISC. HARDWARE EQUIPMENT, ETC. TO COMPLETE INSTALLATION	SEE NOTE #12

OFFSETS (SEC.)

CYCLE NO.	1	2	3	4
LENGTH (SEC.)	1	1	1	1
OFFSET				

SPLITS (SEC.)

PHASE	1	2	3	4	5	6	7	8
CYCLE SPLIT	1	1	1	1	1	1	1	1
SPIN UP/REVERSE CLEARANCE	1	1	1	1	1	1	1	1

COORDINATION TABLES

PROJECT 8810.14
 DATE: 6-10-2005

Traffic Signal

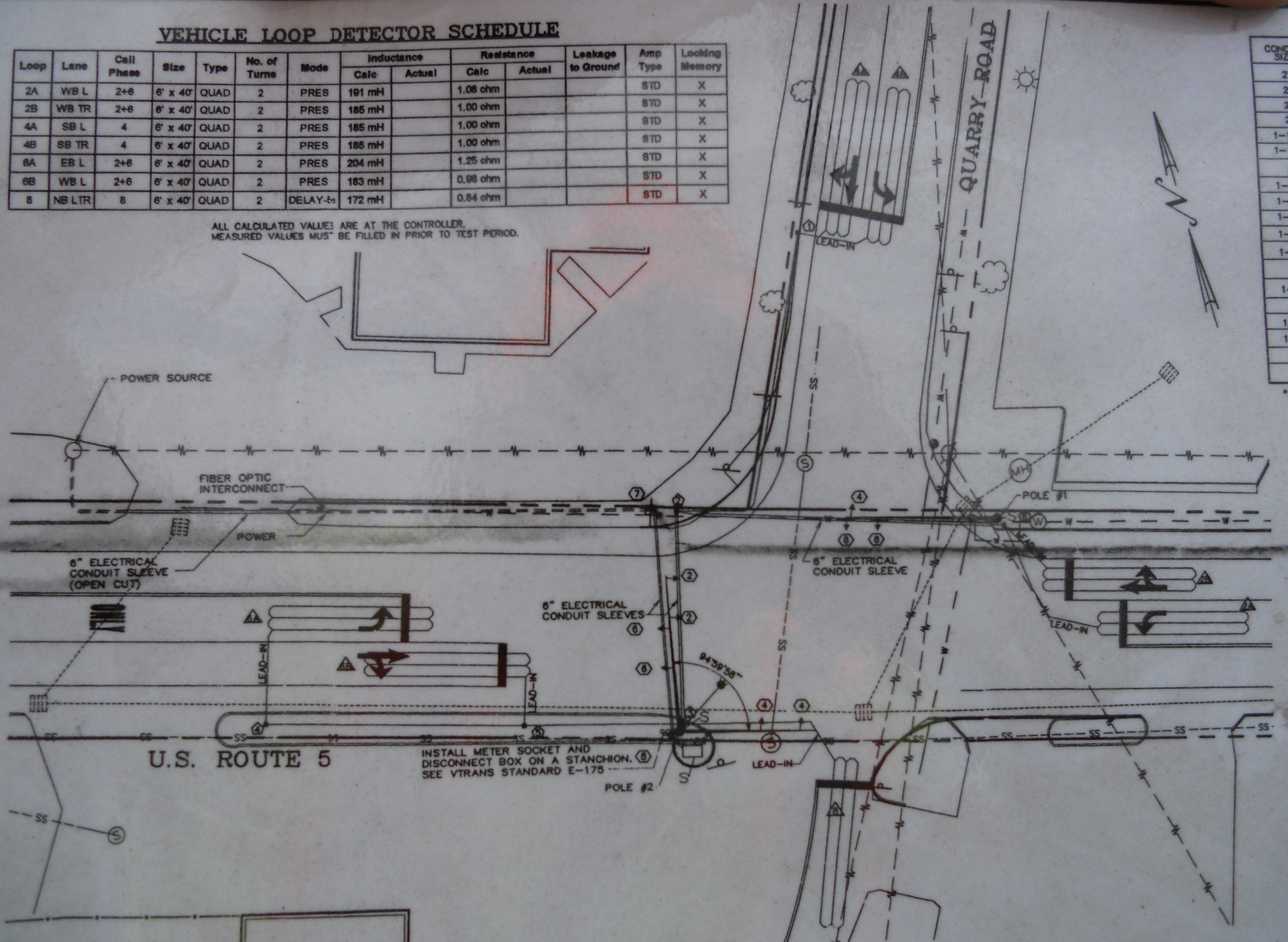
Derby Properties LLC
 ST. JOHNSBURY, VERMONT

SHEET 3 OF 3

VEHICLE LOOP DETECTOR SCHEDULE

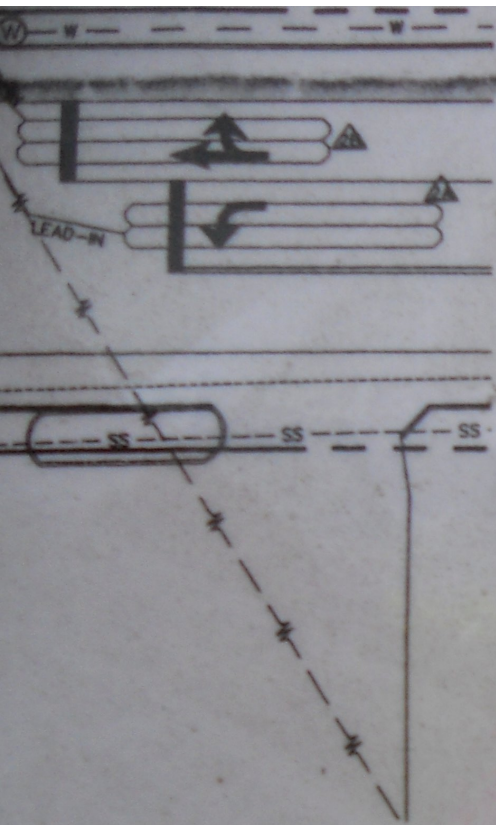
Loop	Lane	Call Phase	Size	Type	No. of Turns	Mode	Inductance		Resistance		Leakage to Ground	Amp Type	Locking Memory
							Calc	Actual	Calc	Actual			
2A	WB L	2+6	6' x 40'	QUAD	2	PRES	191 mH		1.06 ohm			STD	X
2B	WB TR	2+6	6' x 40'	QUAD	2	PRES	185 mH		1.00 ohm			STD	X
4A	SB L	4	6' x 40'	QUAD	2	PRES	185 mH		1.00 ohm			STD	X
4B	SB TR	4	6' x 40'	QUAD	2	PRES	185 mH		1.00 ohm			STD	X
6A	EB L	2+6	6' x 40'	QUAD	2	PRES	204 mH		1.25 ohm			STD	X
6B	WB L	2+6	6' x 40'	QUAD	2	PRES	183 mH		0.98 ohm			STD	X
8	NB LTR	8	6' x 40'	QUAD	2	DELAY-LS	172 mH		0.84 ohm			STD	X

ALL CALCULATED VALUES ARE AT THE CONTROLLER.
MEASURED VALUES MUST BE FILLED IN PRIOR TO TEST PERIOD.



CONDUIT SIZE	LOOP LENGTH
2"	10'
2"	10'
2"	10'
2"	10'
1-1/2"	10'
1-1/2"	10'
1-1/2"	10'
1-1/2"	10'
1-1/2"	10'
1-1/2"	10'
2"	10'
1-1/2"	10'
1-1/2"	10'
2"	10'
2"	10'

*ACTUAL LENGTH

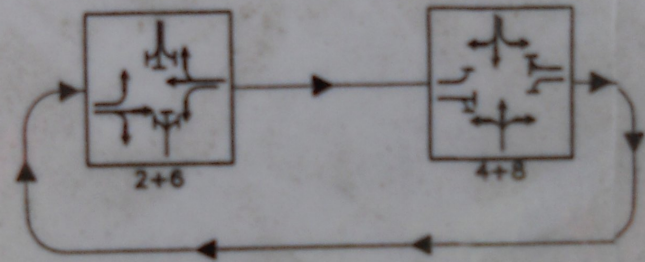


DIST. TRAFFIC OFFICE
(802)288-0183
NIGHTS & WEEKENDS : (802)288-0183
INTERSECTION NO. MB-008
5"

LEGEND: - BLACK (NON-REFL.) - STAMPED PRIOR TO PAINTING
BACKGROUND: NATURAL ALUMINUM OR BRASS SURFACE

NOTES:

- 1) THE PLAQUE SHALL BE MOUNTED ON ALL TRAFFIC SIGNAL CONTROLLER CABINETS, IT SHALL BE FASTENED TO THE CONTROLLER IN SUCH A MANNER AS TO BE NOT EASILY REMOVED, SUCH AS WELDED, RIVETED, OR BOLTED WITH VANDAL PROOF BOLTS.
- 2) THE LETTERS SHALL BE PUNCHED OR STAMPED, SUCH STAMPING SHALL PENETRATE AT LEAST 1/2 THE BASE MATERIAL THICKNESS.
- 3) THE BASE MATERIAL FOR THE PLAQUE SHALL BE BRASS OR ALUMINUM WITH A MINIMUM THICKNESS OF 0.100 INCHES



CONTROLLER TIMING CHART								
LOCAL PROGRAMMING	PHASE							
	1	2	3	4	5	6	7	8
MINIMUM GREEN		15		8		15		8
EXTENSION		2		2		2		2
YELLOW CLEARANCE		4		4		4		4
ALL RED CLEARANCE		2		2		2		2
MAX. GREEN I (WEEKDAY OFF PEAK)		33		15		33		15
MAX. GREEN II (SAT OFF PEAK)		25		12		25		12
WALK		-		-		-		-
FLASHING DON'T WALK		-		-		-		-

WEEKDAY TIMINGS
WEEKDAY PEAK: 6AM - 6PM
WEEKDAY OFF-PEAK: REST OF DAY
SATURDAY PEAK: 1AM - 3PM
SATURDAY OFF-PEAK: REST OF DAY



FACE 2,4,6,8

SIGNAL FACE ARRANGEMENT

TIMING & PHASING DIAGRAM

PLAN	DAY OF WEEK								TIME	CYCLE	OFFSET	SPLIT	REMARKS
	M	T	W	T	F	S	S	S					



Traffic Signal Layout

MAY 30, 2008: POLE REVISIONS; WATERMARK; PAVEMENT CHANGE.
APRIL 29, 2008: MOVED POLE 1; REVISIONS PER VTRANS (McAVOY)
JANUARY 12, 2007: REVISED PER VTRANS LETTER DATED 12/29/2006
MAY 5, 2008: REVISED LOCATION OF VTRANS DRIVE; REVISED PAVEMENT SECTION

properties LLC
SBURY, VERMONT
n Improvements
Derby, VT

Date: 08/10/2012

Timing Data:

Phase	1	2	3	4	5	6	7	8	9
Phases in use									
Min Green	0	15	0	8	0	15	0	8	0
Walk	0	0	0	0	0	0	0	0	0
Ped Clr	0	0	0	0	0	0	0	0	0
Veh Ext	0	3	0	3	0	3	0	2	0
MAX 1	0	33	0	15	0	33	0	15	0
MAX 2	0	25	0	12	0	25	0	12	0
MAX 3	0	0	0	0	0	0	0	0	0
Yellow	3	4	3	4	3	4	3	4	3
All Red	2	2	2	2	2	2	2	2	0
Recall to Max	0	0	0	0	0	0	0	0	0

Coordination Patterns: ACS3/Naztec Cordinated Phases 2 & 6

Pattern 1									
Cycle Length	97	Offset	0	COS	111				
Splits	Ph 1	0	Ph 2	72	Ph 3	0	Ph 4	25	
	Ph 5	0	Ph 6	72	Ph 7	0	Ph 8	25	
	Ph 9	0	Ph 10	0	Ph 11	0	Ph 12	0	
Pattern 2(21)									
Cycle Length		Offset		COS					
Splits	Ph 1		Ph 2		Ph 3		Ph 4		
	Ph 5		Ph 6		Ph 7		Ph 8		
	Ph 9		Ph 10		Ph 11		Ph 12		
Pattern 3									
Cycle Length		Offset		COS					
Splits	Ph 1		Ph 2		Ph 3		Ph 4		
	Ph 5		Ph 6		Ph 7		Ph 8		
	Ph 9		Ph 10		Ph 11		Ph 12		
Pattern 4									
Cycle Length		Offset		COS	141				
Splits	Ph 1		Ph 2		Ph 3		Ph 4		
	Ph 5		Ph 6		Ph 7		Ph 8		
	Ph 9		Ph 10		Ph 11		Ph 12		

Action Plan

Action Plan	Pattern
1	1
2	FREE

Day Plan [1]

Event	Action Plan	Step Begins
1	1	1000
2	2	1800