SUBSET 04 - TRAFFIC
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
TCS-01	TRAFFIC CONTROL SIGNAL PLAN		
TCS-02	TRAFFIC CONTROL SIGNAL PLAN		
TCS-03	TRAFFIC CONTROL SIGNAL PLAN		
TCS-04	TRAFFIC CONTROL SIGNAL PLAN		
TCS-05	TRAFFIC CONTROL SIGNAL PLAN		
TCS-06	TRAFFIC CONTROL SIGNAL PLAN		
TCS-07	TRAFFIC CONTROL SIGNAL PLAN		

DESIGNED BY:
PARSONS BRINCKERHOFF

STATE OF CONNECTICUT
LICENSED
PROFESSIONAL ENGINEER

Anthony A Moretti
PB Americas, Inc.
2014.12.10
16:33:44 -05'00'

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 10/29/2014

DESIGNER/DRAFTER: SDG/JLD
CHECKED BY: ALM

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\04-TR-SSCOVER_0117_0157_SS-04.dgn

SIGNATURE/
BLOCK:

PROJECT TITLE:
REPLACEMENT OF ROUTE 7
OVER NORWALK RIVER
(BRIDGE NO. 02029)

TOWN: RIDGEFIELD

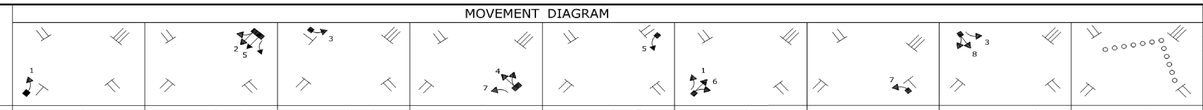
DRAWING TITLE:
TRAFFIC
SUBSET COVER SHEET

PROJECT NO. 117-157
DRAWING NO. SS-04
SHEET NO. 04.01

Connecticut Department of Transportation
QA/QC Format Check

NONE

MOVEMENT DIAGRAM



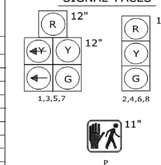
NTOR	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PHASE 9
FLASH	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL
FACE # 1	Y ← R ◄Y R R	R R R	R R R	R R R	R R R	G Y R	R R R	R R R	R R R
2	Y R R R	G Y R	R R R	R R R	R R R	R R R	R R R	R R R	R R R
3	R R R R	R R R	← R ◄Y R R	R R R	R R R	R R R	R R R	G Y R	R R R
4	R R R R	R R R	R R R	G Y R	R R R	R R R	R R R	R R R	R R R
5	Y R R R	G Y R	R R R	R R R	← R ◄Y R R	R R R	R R R	R R R	R R R
6	Y R R R	R R R	R R R	R R R	R R R	G Y R	R R R	R R R	R R R
7	R R R R	R R R	R R R	G Y R	R R R	R R R	← R ◄Y R R	R R R	R R R
8	R R R R	R R R	R R R	R R R	R R R	R R R	R R R	G Y R	R R R
P	OFF ← DW								►◄ WD ►◄ DW ►
		◄ YIELD POINT				◄ YIELD POINT			

INTERVALS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8	PHASE 9
MIN GRN	3	15	3	7	3	15	3	7	
WALK									7
PED CLR									18
VEH EXT	1.5	4	1.5	2	1.5	4	1.5	2	
MAX 1	10	22	8	13	10	22	8	13	
MAX 2	10	48	12	15	10	48	12	15	
YELLOW	3	3.9	3.0	3.0	3	3.9	3	3.0	0.1
RED	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0
ADD INIT									
MAX INIT									
TBR									
TTR									
MIN GAP									
MODE	NON-LOCK	MIN RECALL	NON-LOCK	NON-LOCK	NON-LOCK	MIN RECALL	NON-LOCK	NON-LOCK	NON-LOCK
INT START		THIS PHASE				THIS PHASE			

ENERGY BY- DEVELOPER | METER # - | INTERSECTION #117-211
MAINT LEVEL 2 | SERVICE POLE- 22386

UNMETERED SERVICE

SIGNAL FACES



ALL INDICATIONS HAVE LED LAMPS

OFFICE RECORD

REVISION #16
STC # N/A SM # N/A
SIGNAL REVISED:2/25/09
REVISED COORDINATION

REVISION #17
OSTA #N/A SM#90385
TRAFFIC DES :GMG ELECT DES :N/A
SIGNAL REVISED :8/21/12
REVISED PROGRAM BLOCK AND TIMINGS.

DETECTORS

IDENT	SIZE (WXL)	TURNS	MODE
D1	6'x 6'	3	PRESENCE
D2	15'x 6'	3	PRESENCE
D3	6'x 6'	3	PRESENCE
D4	6'x 6'	3	PRESENCE
D5	6'x 6'	3	PRESENCE
D6	15'x 6'	3	PRESENCE
D7	6'x 6'	3	PRESENCE
D8	6'x 6'	3	PRESENCE

PROGRAM

FUNCTION	TIME	DAYS
FLASH	0100-0500	DAILY
MAX. 1	ALL OTHER TIMES	
MAX. 2	1100-1600	SAT
	1500-1800	M-F
	0500-0930	
CYCLE 1	ALL OTHER TIMES	
CYCLE 2	1500-1800	M-F
CYCLE 3	1100-1600	SAT
FREE	0500-0930	DAILY
	2200-0100	

COORDINATION TYPE- TIME CLOCK / T.B.C.

CYCLE	OFFSET SEC	OFFSET %	PHASE SPLITS SEC / % φ1	φ2	φ3	φ4	φ5	φ6	φ7	φ8
110	1	1								
90	1	1								
110	1	1								

PERMIS PERIOD φ SEC

SYSTEM LOC MASTER
117-211
117-218

TECHNICAL NOTES

STANDARD OVERLAP SKIP FEATURES APPLY
PHASE 2 ON TO OMIT PHASE 5.
PHASE 6 ON TO OMIT PHASE 1
PHASES 1,3,5,7 TO DRIVE FACES 1,3,5,7 ARROW INDICATIONS.
PHASES 2,4,6,8 TO DRIVE FACES 1,3,5,7, R, Y, G INDICATIONS.
PHASE 8 ON TO OMIT PHASE 3.
PHASE 4 ON TO OMIT PHASE 7.
D2 AND D6 DETECTORS TO BE NON ACTUATING DURING COORDINATION.

LEGEND:
R RED | Y YELLOW | G GREEN
◄R RED ARROW | ◄Y YELLOW ARROW | ◄ GREEN ARROW
WD WALK/ PED. CLR | DW. DON'T WALK | FL. FLASHING

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY OPERATIONS
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

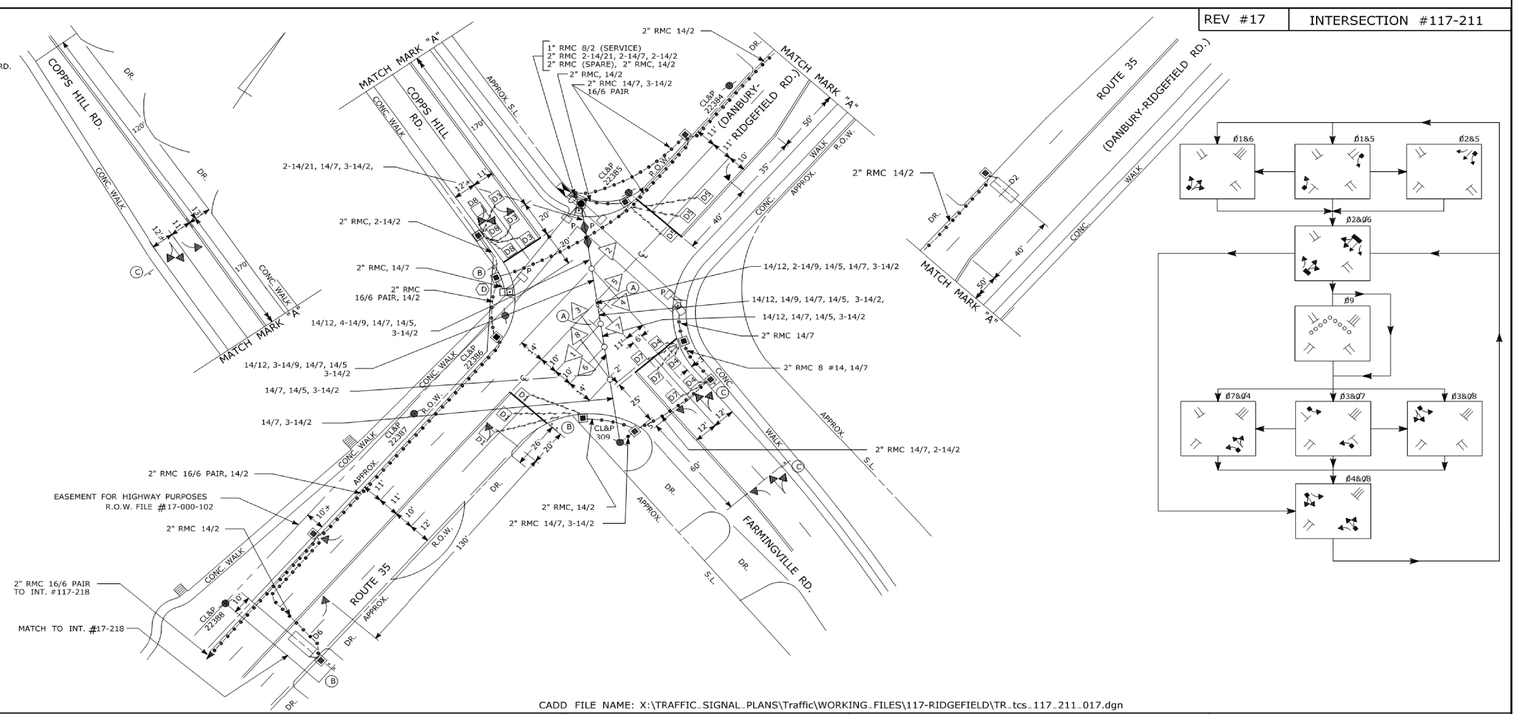
TOWN OF RIDGEFIELD
ROUTE 35 (DANBURY-RIDGEFIELD RD.) AT
AT FARMINGVILLE RD. AND COPPS HILL RD.

REV #16	TRAFFIC	ELECTRICAL	DATE
ENGINEER	MILONE & MACBROOM		08/8/08
DRAFTER	ARKAN & MESS ASSOCIATES, INC. Traffic Engineers and Transportation Planners		
CHECKED BY			
SUBMITTED BY			
APPROVED BY			
DATE			

NOTES:
STATE TO MAINTAIN ALL PAVEMENT MARKINGS ON RTE. 35 AND ALL STOP BARS
TOWN TO MAINTAIN ALL SIGNS AND PAVEMENT MARKINGS ON COPPS HILL RD. AND FARMINGVILLE RD.
BAR TYPE CROSSWALKS (16'-16" X 8')

SIGN LEGEND
(A) SPAN MTD. 31-0135
(B) EXIST. 31-0282
(C) EXIST 31-0282Z

REV #17 | INTERSECTION #117-211



SPAN POLE INFORMATION
30', 20" B.C., 7800 lbs. LOAD AT YIELD

CADD FILE NAME: X:\TRAFFIC_SIGNAL_PLANS\Traffic\WORKING_FILES\117-RIDGEFIELD\TR_tcs_117_211_017.dgn

LEGEND:
PROPOSED WOOD SPAN POLE
EXISTING WOOD SPAN POLE
PROPOSED STEEL MAST ARM
EXISTING STEEL SPAN POLE
PROPOSED UTILITY POLE
EXISTING UTILITY POLE
PEDESTAL MOUNTING
PEDESTRIAN PUSH BUTTON & SIGN
TRAFFIC SIGNAL FACE
PEDESTRIAN SIGNAL FACE
AUDIBLE PEDESTRIAN SIGNAL
LOOP DETECTOR
MAGNETIC DETECTOR
SD SYSTEM DETECTOR
OPTICAL DETECTOR
PROPOSED CONTROLLER
EXISTING CONTROLLER
PROPOSED HANDHOLE
EXISTING HANDHOLE
PROPOSED R.M.C. (RIGID METAL CONDUIT)
EXISTING R.M.C. (RIGID METAL CONDUIT)
CABLE CLOSURE
DET. LEADS IN SAW CUT
AUXILIARY TERMINATION CABINET
AUXILIARY EQUIPMENT CABINET
SIDEWALK RAMP
SONIC DETECTOR

TRAFFIC CONTROL SIGNAL LAYOUT
DATE PLOTTED: 9/24/2012
SCALE - NTS

TOWN OF RIDGEFIELD
ROUTE 35 (DANBURY-RIDGEFIELD RD.) AT
AT FARMINGVILLE RD. AND COPPS HILL RD.

Border Version 11/08/10

CONSTRUCTION NOTES: TEMPORARY REVISIONS DURING ROUTE 7 BRIDGE REPLACEMENT

REVISE COORDINATED CYCLE LENGTHS FOR CYCLES 1 AND 3 FROM 90 SECONDS TO 110 SECONDS.

NO.	DATE	INIT.	DESCRIPTION

REVISIONS

REV #
INTERSECTION # 117-211

OFFICE OF ENGINEERING

TOWN: RIDGEFIELD

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

PROJECT NO. 117-157
DRAWING NO. TCS-01
SHEET NO. 04.02

NONE	MOVEMENT DIAGRAM							
NTOR	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8

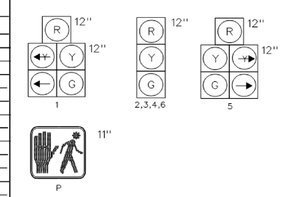
FACE #	FLASH	PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
		GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
1	Y	← G	◄Y G	G	G	Y	R	R	R	R	R	R	R												
2	Y	G	G	G	G	Y	R	R	R	R	R	R	R												
3	Y	R	R	R	G	Y	R	R	R	R	R	R	R												
4	R	R	R	R	R	R	R	R	R	R	G	Y	R												
5	R	R→	R ◄Y►	R	R	R	R	R	R	R	G	①Y→	②R→												
6	R	R	R	R	R	R	R	R	R	R	G	Y	R												
P	OFF	←		→	DW		→	WØ	←		DW		→												

INTERVALS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
MIN GRN	5	15		9				
WALK			7					
PED CLR			15					
VEH EXT	1	3		1.5				
MAX 1	10	65		15				
MAX 2	15	45		20				
YELLOW	3.0	3.4	0.1	3.0				
RED		1.0	0	1.0				
ADD INIT								
MAX INIT								
TBR								
TTR								
MIN GAP								
MODE	NON-LOCK	MIN. RECALL	NON-LOCK	NON-LOCK	OFF	OFF	OFF	OFF
INT START		THIS PHASE						

ENERGY BY- TOWN
MAINT LEVEL 5
METER # -
SERVICE POLE- SNET 597
UNMETERED SERVICE

INTERSECTION # 117-212

SIGNAL FACES



ALL INDICATIONS HAVE LED LAMPS.
FACES 1, 2 AND 6 HAVE TUNNEL VISORS.
HEADS 1& 2 TO HAVE BACKPLATES.

OFFICE RECORD

REVISION • 8
STC# 117-0503-01 SM# N/A
SIGNAL REVISED : 5/29/07
REVISED SIGNAL EQUIPMENT UNDER PROJECT 174-285.
AS-BUILT PLAN DRAWN 6/07.

REVISION • 9
STC • N/A SM• 89301
TRAFFIC DES : GMG ELECT DES : N/A
SIGNAL REVISED : 2-28-08
ADDED BACKPLATES TO HEADS 1& 2.

REVISION • 10
STC • N/A SM• N/A
TRAFFIC DES : GMG ELECT DES : PLM
SIGNAL REVISED : 7-2-08
PEDESTAL ON N.E. CORNER AND CROSSWALK RELOCATED:
REVISED PED. CLR. TIME FROM 13 TO 15 SECONDS.

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY OPERATIONS
DIVISION OF TRAFFIC ENGINEERING
TRAFFIC CONTROL SIGNAL

TOWN OF RIDGEFIELD
ROUTE 35 (DANBURY-RIDGEFIELD RD.)
AT GROVE ST. AND PVT. DRIVE

REV # 8	TRAFFIC	DATE	ELECTRICAL	DATE
ENGINEER	NGT	12-01	PLM	1-03
DRAFTER	NGT	12-01	DMB	2-03
CHECKED BY	GMG	4-01	MRM	1-03
SUBMITTED BY	JPO	6-05	MJG	6-13-05
APPROVED BY	BARBARA B RICOZZI		ROBERT S TWORKOWSKI	
DATE	JUNE 10, 2005		06-13-05	

ORIGINAL SIGNED

DETECTORS

IDENT	SIZE (WXL)	TURNS	MODE
D1	6' X 6'	3	PRESENCE
D2	11' X 6'	4	PRESENCE
D2A	9' X 6'	3	PRESENCE
D4	6' X 6'	3	PRESENCE
D5	6' X 6'	3	DELAY 8"
D6	8' X 6'	3	PRESENCE

PROGRAM

FUNCTION	TIME	DAYS
FLASH	2200-0500	DAILY
MAX. 1	ALL OTHER TIMES	
MAX. 2	0700-0900	DAILY
	1600-1800	

COORDINATION TYPE- NONE

CYCLE	OFFSET SEC	OFFSET %	PHASE SPLITS Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	SEC/%

PERMIS PERIOD Ø	SEC

SYSTEM LOC: MASTER

TECHNICAL NOTES

STANDARD OVERLAP SKIP FEATURES APPLY

PHASE 2 ON TO OMIT PHASE 1.

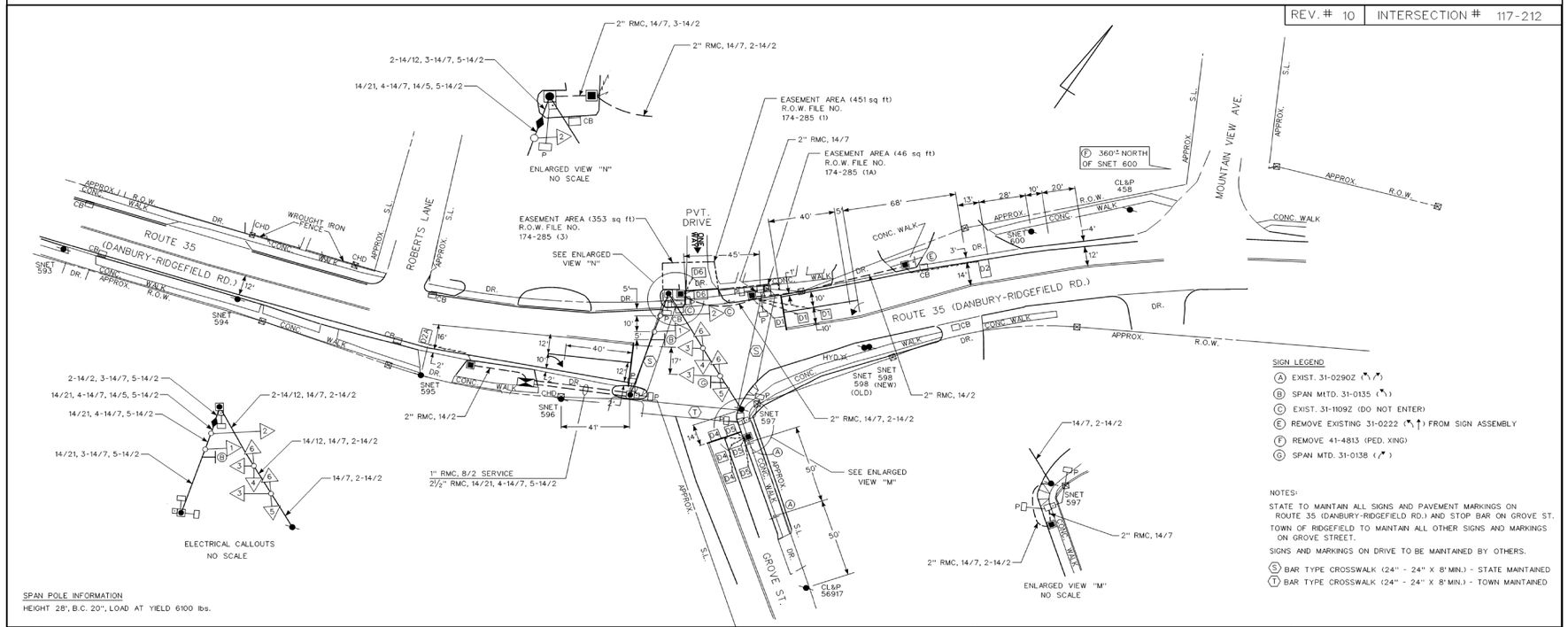
① TO BE "Y" IF PHASE 2 IS NEXT.
② TO BE "R" IF PHASE 2 IS NEXT.

LEGEND:
R RED
Y YELLOW
G GREEN
◄R RED ARROW
◄Y YELLOW ARROW
◄— GREEN ARROW
WØ WALK/ PED. CLR
D.W. DON'T WALK
FL. FLASHING

CONSTRUCTION NOTES: TEMPORARY REVISIONS DURING ROUTE 7 BRIDGE REPLACEMENT

REVISE THE PHASE 2 MAX 1 TIME FROM 40 SECONDS TO 65 SECONDS.

REV. # 10 | INTERSECTION # 117-212



SIGN LEGEND

Ⓐ EXIST. 31-0290Z
Ⓑ SPAN MTD. 31-0135
Ⓒ EXIST. 31-1109Z (DO NOT ENTER)
Ⓔ REMOVE EXISTING 31-0222 FROM SIGN ASSEMBLY
Ⓕ REMOVE 41-4813 (PED. XING)
Ⓖ SPAN MTD. 31-0138

NOTES:

STATE TO MAINTAIN ALL SIGNS AND PAVEMENT MARKINGS ON ROUTE 35 (DANBURY-RIDGEFIELD RD.) AND STOP BAR ON GROVE ST.

TOWN OF RIDGEFIELD TO MAINTAIN ALL OTHER SIGNS AND MARKINGS ON GROVE STREET.

SIGNS AND MARKINGS ON DRIVE TO BE MAINTAINED BY OTHERS.

Ⓢ BAR TYPE CROSSWALK (24" - 24" X 8' MIN.) - STATE MAINTAINED
Ⓣ BAR TYPE CROSSWALK (24" - 24" X 8' MIN.) - TOWN MAINTAINED

SPAN POLE INFORMATION
HEIGHT 28', B.C. 20", LOAD AT YIELD 6100 lbs.

LEGEND:
PROPOSED WOOD SPAN POLE
EXISTING WOOD SPAN POLE
PROPOSED STEEL SPAN POLE
EXISTING STEEL SPAN POLE
PROPOSED UTILITY POLE
EXISTING UTILITY POLE
PEDESTAL MOUNTING
PEDESTRIAN PUSH BUTTON & SIGN
TRAFFIC SIGNAL FACE
PEDESTRIAN SIGNAL FACE
AUDIBLE PEDESTRIAN SIGNAL
LOOP DETECTOR
MAGNETIC DETECTOR
SD SYSTEM DETECTOR
OPTICAL DETECTOR
PROPOSED CONTROLLER
EXISTING CONTROLLER
PROPOSED HANDHOLE
EXISTING HANDHOLE
PROPOSED R.M.C. (RIGID METAL CONDUIT)
EXISTING R.M.C. (RIGID METAL CONDUIT)
CABLE CLOSURE
DET LEADS IN SAW CUT
AUXILIARY TERMINATION CABINET
AUXILIARY EQUIPMENT CABINET
SIDEWALK RAMP

TRAFFIC CONTROL SIGNAL LAYOUT
CADD FILE NAME: P:\standards\Archive Signal Plans\dist4\TR_tcs_1170212010.dgn
DATE PLOTTED: 6/29/2010 SCALE - NTS

TOWN OF RIDGEFIELD
ROUTE 35 (DANBURY-RIDGEFIELD RD.)
AT GROVE ST. AND PVT. DRIVE

NO.	DATE	INIT.	DESCRIPTION

REVISIONS

REV # | INTERSECTION # 117-212

OFFICE OF ENGINEERING

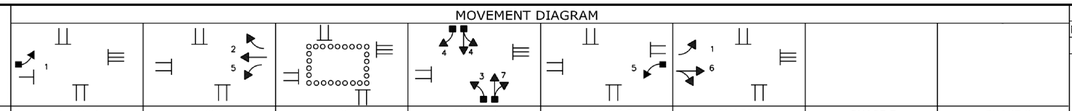
TOWN: RIDGEFIELD

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

PROJECT NO. 117-157
DRAWING NO. TCS-02
SHEET NO. 04.03

Border Version 11/08/10

MOVEMENT DIAGRAM



NTOR		PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
FACE # 1	Y	←R	◄Y R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R						
2	Y	R	R	R	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R						
3	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R						
4	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R						
5	Y	R	R	R	G	Y	R	R	R	R	R	R	R	←R	◄Y R	R	R	R	R						
6	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R						
7	R	R	R	R	R	R	R	R	R	R	G	Y	R	R	R	R	R	R	R						
P	OFF	←		DW →				WØ ←						DW →											
					← YIELD PT.												← YIELD PT.								

INTERVALS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
MIN GRN	4	15		7	4	15		
WALK			7					
PED CLR			16					
VEH EXT	1			2	1			
MAX 1	7	30		16	7	30		
MAX 2	12	46		21	7	51		
YELLOW	3.0	3.9	0.1	3.0	3.0	3.9		
RED	1.0	1.0	0	1.0	0.1	1.0		
ADD INIT								
MAX INIT								
TBR								
TTR								
MIN GAP								
MODE	NON-LOCK	MAX RECALL	NON-LOCK	NON-LOCK	NON-LOCK	MAX RECALL	OFF	OFF
INT START		THIS PHASE				THIS PHASE		

DETECTORS

IDENT	SIZE (WXL)	TURNS	MODE
D1	6X6	3	PRESENCE
D4	7X6	3	PRESENCE
D4A	7X6	3	PRESENCE
D4B	18X6	3	PRESENCE
D4C	13X6	3	PRESENCE
D5	6X6	3	PRESENCE

PROGRAM

FUNCTION	TIME	DAYS
FLASH	2200-0930	DAILY
MAX. 1	ALL OTHER TIMES	
MAX. 2	1100-1600 1500-1800	SAT M-F
CYCLE 1	ALL OTHER TIMES	
CYCLE 2	1500-1800	M-F
CYCLE 3	1100-1600	SAT

COORDINATION TYPE TIME CLOCK/TBC (3 CYCLE)

CYCLE	OFFSET SEC	OFFSET %	PHASE SPLITS SEC / % Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
110	35	39								
90	35	39								
110	33	37								

PERMIS PERIOD Ø	SEC

SYSTEM LOC MASTER
MASTER
117-211
117-218

TECHNICAL NOTES

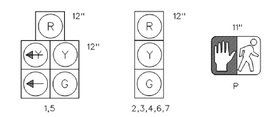
STANDARD OVERLAP SKIP FEATURES APPLY

STANDARD OVERLAP SKIP FEATURES APPLY
PHASE 2&6 ON TO OMIT PHASE 1 AND PHASE 5
PHASE 1&5 TO DRIVE FACES 1&5, ◄Y AND ←
ONLY
PHASE 2&6 TO DRIVE FACES 1&5 R, Y & G

ENERGY BY DEVELOPER	ADDRESS #
MAINT LEVEL 5	SERVICE POLE CL&P 22389
UNMETERED SERVICE	

INTERSECTION # 117-218

SIGNAL FACES



ALL INDICATIONS TO HAVE LED LAMPS

PROPERTY OWNER RESPONSIBLE FOR MAJOR COMPONENT REPLACEMENT

LEGEND:

R	RED	◄R	RED ARROW	WØ	WALK/ PED. CLR
Y	YELLOW	◄Y	YELLOW ARROW	D.W.	DON'T WALK
G	GREEN	←	GREEN ARROW	FL.	FLASHING

OFFICE RECORD
REVISION # 8

STC # 117-0804-01 SM # N/A

SIGNAL REVISED :2/25/09

ADDED BANK DRIVEWAY, NEW SIGNAL FACES AND SB LEFT TURN LANE.

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING & HWY OPERATIONS
DIVISION OF TRAFFIC ENGINEERING

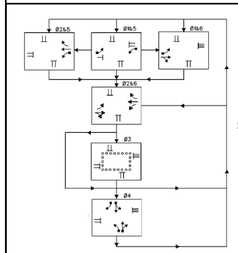
TOWN OF RIDGEFIELD
ROUTE 35 (DANBURY RD.)
AT COPPS HILL PLAZA
AND BANK DRIVEWAY

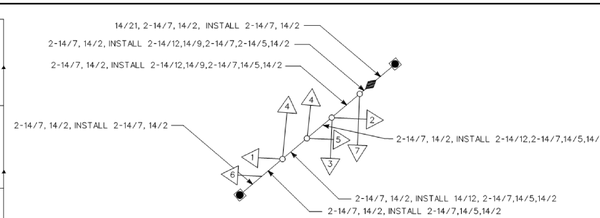
REV #8	TRAFFIC DATE	ELECTRICAL DATE
ENGINEER	MILONE & MACBROOM®	08/8/08
DRAWN BY	BARKAN & MESS ASSOCIATES, Inc. Traffic Engineers and Transportation Planners	
CHECKED BY		
SUBMITTED BY		
APPROVED BY		
DATE		

CONSTRUCTION NOTES: TEMPORARY REVISIONS DURING ROUTE 7 BRIDGE REPLACEMENT

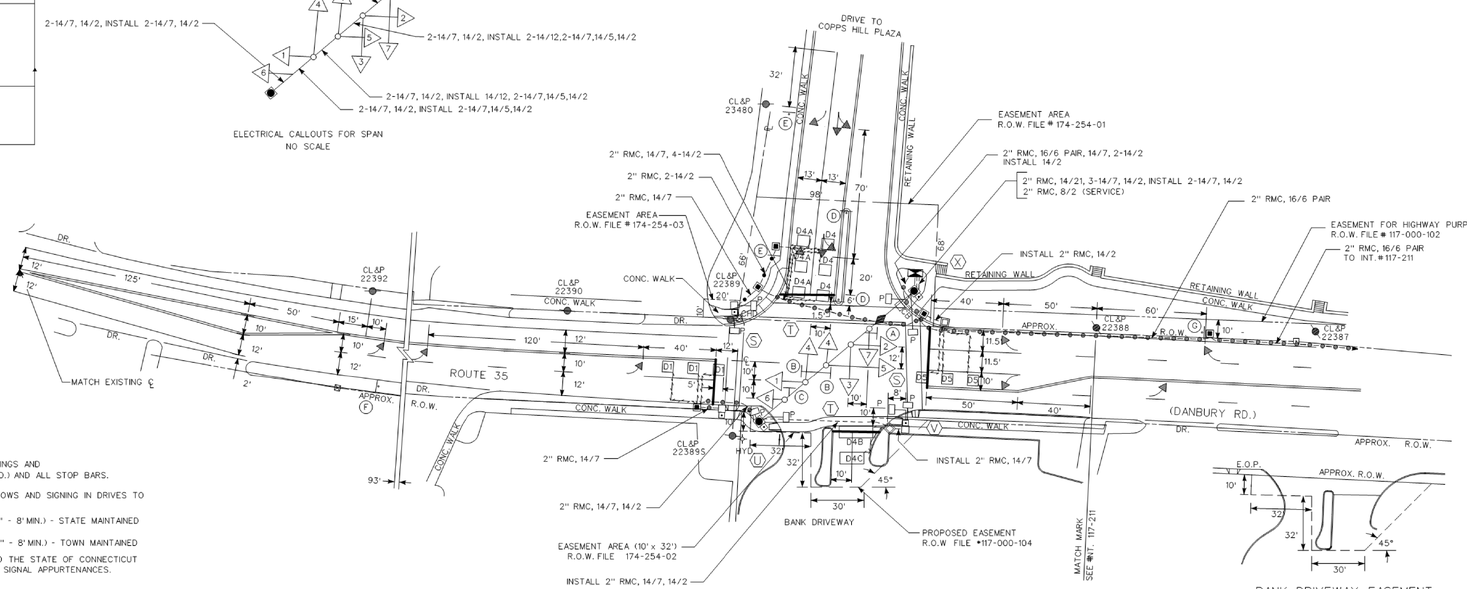
REVISE THE COORDINATED CYCLE LENGTH FOR CYCLES 1 AND 3 FROM 90 SECONDS TO 110 SECONDS.

REV #	INTERSECTION # 117-218





ELECTRICAL CALLOUTS FOR SPAN
NO SCALE



SIGN LEGEND

- (A) SPAN MTD. 31-0138 (◄Y)
- (B) SPAN MTD. 31-0135 (◄Y)
- (C) SPAN MTD. 31-0823 (N.T.O.R.)
- (D) EXIST 31-1526Z (KEEP RT.)
- (E) INSTALL 31-0290Z (◄Y)
- (F) INSTALL 31-0222 (◄Y)
- (G) INSTALL 31-0302 (◄Y)

NOTES:
STATE TO MAINTAIN PAVEMENT MARKINGS AND SIGNING ON ROUTE 35 (DANBURY RD.) AND ALL STOP BARS.

OTHERS TO MAINTAIN LANE LINE, ARROWS AND SIGNING IN DRIVES TO COPPS HILL PLAZA AND BANK.

(S) BAR TYPE CROSSWALKS (16" X 16" - 8' MIN.) - STATE MAINTAINED

(T) BAR TYPE CROSSWALKS (16" X 16" - 8' MIN.) - TOWN MAINTAINED

PERMANENT EASEMENTS GRANTED TO THE STATE OF CONNECTICUT TO INSTALL AND MAINTAIN TRAFFIC SIGNAL APPURTENANCES.

SPAN POLE INFORMATION
HEIGHT 30', B.C. 20'', LOAD AT YIELD 7800 LBS

SCALE: NTS

NO.	DATE	INIT.	DESCRIPTION

REVISIONS

REV # | INTERSECTION # 117-218

P:\standards\Archive Signal Plans\dist4\TR_tcs_1170218008.dgn | DATE PLOTTED 6/29/2010

- PROPOSED WOOD SPAN POLE
- EXISTING WOOD SPAN POLE
- PROPOSED STEEL SPAN POLE
- EXISTING STEEL SPAN POLE
- PROPOSED UTILITY POLE
- EXISTING UTILITY POLE
- PEDESTRIAN SIGNAL FACE
- AUDIBLE PEDESTRIAN SIGNAL
- PROPOSED CONTROLLER
- TRAFFIC SIGNAL FACE
- PEDESTRIAN PUSH BUTTON & SIGN
- PEDESTAL MOUNTING
- PROPOSED R.M.C. (RIGID METAL CONDUIT)
- EXISTING R.M.C. (RIGID METAL CONDUIT)
- DET. LEADS IN SAW CUT
- AUXILIARY TERMINATION CABINET
- AUXILIARY EQUIPMENT CABINET
- OPTICAL DETECTOR
- SD SYSTEM DETECTOR
- EXISTING CONTROLLER
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- SIDEWALK RAMP
- SONIC DETECTOR
- GUY WIRE
- LOOP DETECTOR
- MAGNETIC DETECTOR
- CABLE CLOSURE

DRAWN BY :

DESIGNED BY :

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

TOWN OF RIDGEFIELD
ROUTE 35 (DANBURY RD.)
AT COPPS HILL PLAZA
AND BANK DRIVEWAY

OFFICE OF ENGINEERING

TOWN: RIDGEFIELD

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

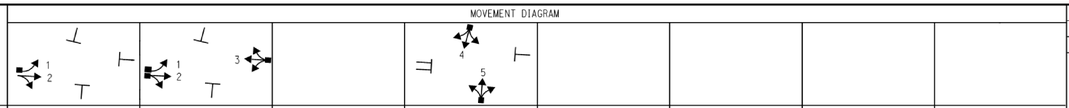
PROJECT NO. 117-157

DRAWING NO. TCS-03

SHEET NO. 04.04

Border Version 11/08/10

MOVEMENT DIAGRAM



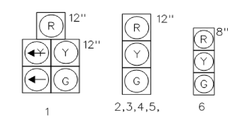
NTOR		PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
FACE # 1	Y	←G	←Y G	G	G	Y	R				R	R	R												
2	Y	G	G	G	G	Y	R				R	R	R												
3	Y	R	R	R	G	Y	R				R	R	R												
4	R	R	R	R	R	R	R				G	Y	R												
5	R	R	R	R	R	R	R				G	Y	R												
6	R	R	R	R	R	R	R				G	Y	R												

INTERVALS	PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
MIN GRN	3			15						10														
WALK										12														
PED CLR										1														
VEH EXT	1.0			5						1.5														
MAX 1	12			40						50														
MAX 2	15			55						20														
YELLOW		3			4.2						3.0													
RED			0.1			1.8						2.0												
ADD INIT				1.4																				
MAX INIT				31																				
TBR																								
TTR																								
MIN GAP																								
MODE	NON-LOCK			MIN RECALL			OFF			NON-LOCK			OFF			OFF			OFF			OFF		
INT START				THIS PHASE																				

ENERGY BY- TOWN | METER # - N/A
MAINT LEVEL 2 | SERVICE POLE- SNET 107
INTERSECTION # 117-202

UNMETERED SERVICE

SIGNAL FACES



ALL INDICATIONS HAVE LED LAMPS

OFFICE RECORD

REVISION # 20

STC # N/A | SM # N/A

SIGNAL REVISED 9/20/10
UPGRADED SIGNAL UNDER PROJECT 174-326.
AS BUILT DRAWN 4/11

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY OPERATIONS
DIVISION OF TRAFFIC ENGINEERING
TRAFFIC CONTROL SIGNAL

TOWN OF RIDGEFIELD
U.S. ROUTE 7 (ETHAN ALLEN HIGHWAY)
AT DEPOT ROAD &
ROUTE 102 (BRANCHVILLE ROAD)

REV # 20	TRAFFIC		ELECTRICAL	
		DATE		DATE
ENGINEER	GMG	12/06	ABB	11/07
DRAWN BY	GMF	12/06	ABB	11/07
CHECKED BY	RMS	1-08	RMW	1-08
SUBMITTED BY	MM	1-09	MRM	1-09
APPROVED BY	BARBARA B. RICOZZI		JOHN F. CAREY	
DATE	1-05-09		1-05-09	

ORIGINAL SIGNED

DETECTORS

IDENT	SIZE (WXL)	TURNS	MODE
D1	6' x 6'	3	PRESENCE
D2	8' x 6'	5	PRESENCE
D2A	6' x 6'	4	PRESENCE
D4	14' x 6'	3	PRESENCE
D4A	6' x 6'	3	PRESENCE
D4B	12' x 6'	3	PRESENCE
D4C	6' x 6'	3	PRESENCE

PROGRAM

FUNCTION	TIME	DAYS
FLASH	2200-0500	DAILY
MAX 1	ALL OTHER TIMES	
MAX 2	1600-1800 0630-0900	M-F

COORDINATION TYPE NONE

CYCLE	OFFSET SEC	OFFSET %	PHASE SPLITS Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	SEC/%

PERMIS PERIOD	
Ø	SEC

SYSTEM LOC: MASTER

TECHNICAL NOTES

STANDARD OVERLAP SKIP FEATURES APPLY
PHASE 2 ON TO OMIT PHASE1.

LEGEND:
R RED | YELLOW ARROW | WØ WALK/ PED. CLR
Y YELLOW | YELLOW ARROW | D.W. DON'T WALK
G GREEN | GREEN ARROW | FL. FLASHING

NOTES :

STATE TO MAINTAIN ALL SIGNS AND PAVEMENT MARKINGS ON U.S. ROUTE 7 AND ROUTE 102 AND ALL STOP BARS.

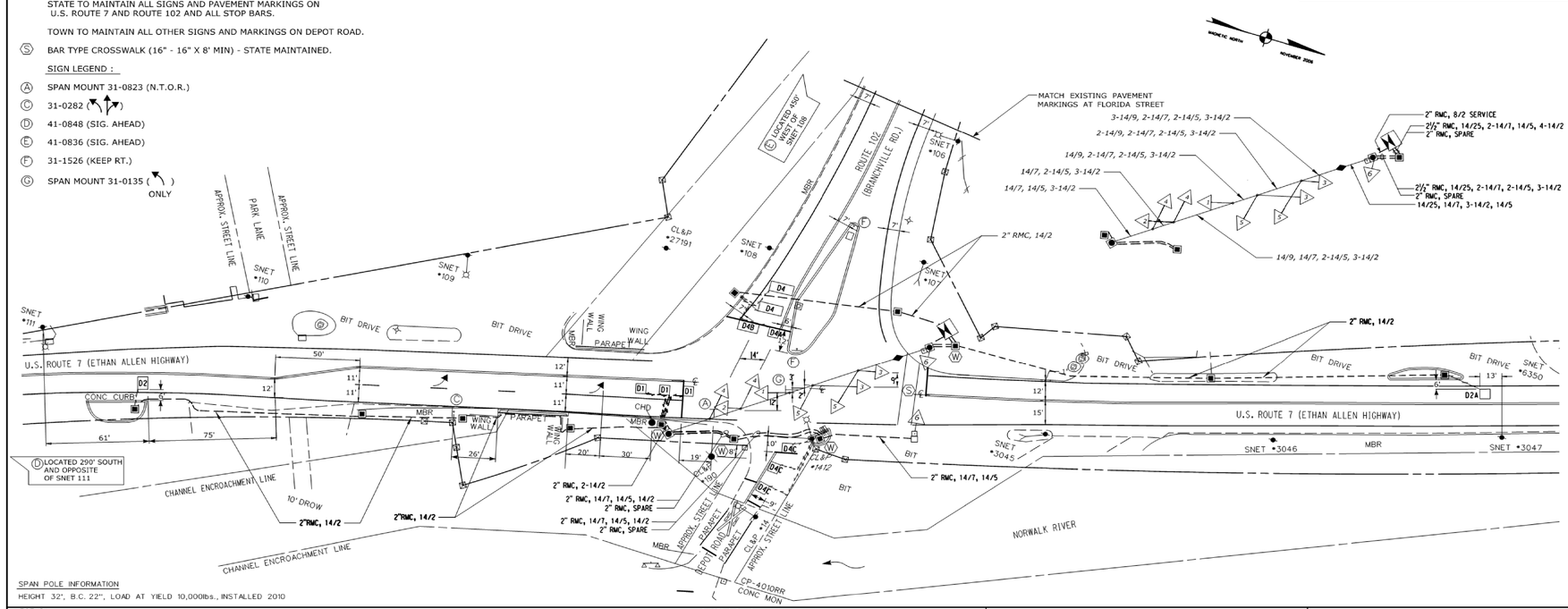
TOWN TO MAINTAIN ALL OTHER SIGNS AND MARKINGS ON DEPOT ROAD.

(S) BAR TYPE CROSSWALK (16" - 16" X 8' MIN) - STATE MAINTAINED.

SIGN LEGEND :

(A) SPAN MOUNT 31-0823 (N.T.O.R.)
(C) 31-0282
(D) 41-0848 (SIG. AHEAD)
(E) 41-0836 (SIG. AHEAD)
(F) 31-1526 (KEEP RT.)
(G) SPAN MOUNT 31-0135 ( ) ONLY

REV # 20 | INTERSECTION # 117-202



SPAN POLE INFORMATION
HEIGHT 32', B.C. 22", LOAD AT YIELD 10,000lbs., INSTALLED 2010

LEGEND:
PROPOSED WOOD SPAN POLE
EXISTING WOOD SPAN POLE
PROPOSED STEEL SPAN POLE
EXISTING STEEL SPAN POLE
PROPOSED UTILITY POLE
EXISTING UTILITY POLE
PEDESTAL MOUNTING
PEDESTRIAN PUSH BUTTON & SIGN
TRAFFIC SIGNAL FACE
PEDESTRIAN SIGNAL FACE
AUDIBLE PEDESTRIAN SIGNAL
LOOP DETECTOR
MAGNETIC DETECTOR
SD SYSTEM DETECTOR
OPTICAL DETECTOR
PROPOSED CONTROLLER
EXISTING CONTROLLER
PROPOSED HANDHOLE
EXISTING HANDHOLE
PROPOSED R.M.C. (RIGID METAL CONDUIT)
EXISTING R.M.C. (RIGID METAL CONDUIT)
CABLE CLOSURE
DET. LEADS IN SAW CUT
AUXILIARY TERMINATION CABINET
AUXILIARY EQUIPMENT CABINET
SIDEWALK RAMP
SONIC DETECTOR
GUY WIRE

TRAFFIC CONTROL SIGNAL
FILENAME: X:\174.0328.2007\TRAFFIC\PROJECT.174.334.SIGNAL.PLANS\TR.MSH.TCS.117.202.000.dgn
DATE PLOTTED: 4/29/2011 | SCALE - NTS

TOWN OF RIDGEFIELD
U.S. ROUTE 7 (ETHAN ALLEN HIGHWAY)
AT DEPOT ROAD &
ROUTE 102 (BRANCHVILLE ROAD)

CONSTRUCTION NOTES: TEMPORARY REVISIONS DURING ROUTE 7 BRIDGE REPLACEMENT

REVISE THE PHASE 4 MAX 1 TIME FROM 20 SECONDS TO 50 SECONDS.

REVISE THE D1 DETECTORS SETTINGS SO THEY WILL ALSO EXTEND PHASE 2.

NO.	DATE	INIT.	DESCRIPTION

REVISIONS

REV #

INTERSECTION # 117-202

OFFICE OF ENGINEERING

TOWN: RIDGEFIELD

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

PROJECT NO. 117-157

DRAWING NO. TCS-04

SHEET NO. 04.05

Border Version 11/08/10

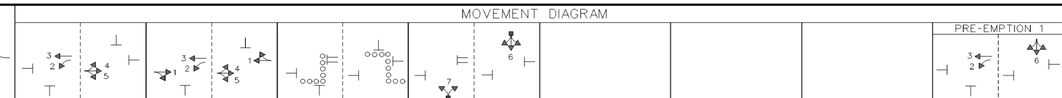
CONSTRUCTION NOTES: TEMPORARY REVISIONS DURING ROUTE 7 BRIDGE REPLACEMENT

REVISE THE PHASE 2 MAX 1 TIME FROM 30 SECONDS TO 55 SECONDS.

REVISE THE PHASE 2 MAX 2 TIME FROM 20 SECONDS TO 30 SECONDS.

REVISE THE COORDINATED CYCLE LENGTH FROM 90 SECONDS TO 120 SECONDS.

MOVEMENT DIAGRAM



NTOR	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
								PRE-EMPTION 1
	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL
FACE # 1	R R R	G Y R	R R R	R R R				R R R
2	◄G ◄Y G G	G Y R	R R R	R R R				◄G ◄Y G G
3	G G G	G Y R	R R R	R R R				G G G
4	◄G ◄Y G ① G ②	G Y R	R R R	R R R				R R R
5	G G G	G Y R	R R R	R R R				R R R
6	R R R	R R R	R R R	G Y R				G Y R
7	R R R	R R R	R R R	G Y R				R R R
P	◄ ►	DW	WØ ◄ ►	DW				◄ DW ►
		◄YIELD PT.						

INTERVALS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
MIN GRN	4	20		9				
WALK			7					
PED CLR			14					
VEH EXT				3.0				
MAX 1	4	55		20				
MAX 2	4	30		20				
YELLOW	3	3.6	4	3				
RED	0.1	2	0	0.9				
ADD INI								
MAX INT								
TBR								
TTR								
MIN GAP								
MODE	MAX RECALL	MAX RECALL	NON-LOCK	LOCK				ON/OMITTED
INI START		THIS PHASE						

AUDIBLE PEDESTRIAN SIGNAL

DETECTORS			
IDENT	SIZE	TURNS	MODE
D4	6X6	4	PRESENCE
D4A	6X6	4	PRESENCE

PROGRAM		
FUNCTION	TIME	DAYS
FLASH	2200-0530	DAILY
MAX 1	ALL OTHER TIMES	
MAX 2	2000-2200	DAILY
CYCLE 1	ALL OTHER TIMES	
FREE	2000-2200	DAILY

COORDINATION TYPE- TIME CLOCK (TBC)							
CYCLE	OFFSET # /SEC		YIELD PT %	PERMIS PERIOD	FORCE OFF %		
					Ø	Ø	Ø
120	1	1					

SYSTEM LOC
MASTER
117-209
117-210

TECHNICAL NOTES

STANDARD OVERLAP SKIP FEATURES APPLY

PHASE 2 ON TO OMIT PHASE 1.

PHASE 1 TO ALWAYS PRECEDE PHASE 2.

① TO BE Y IF PRE-EMPTION IS NEXT.

② TO BE R IF PRE-EMPTION IS NEXT.

FLASHING OPERATION

Y	
Y	
Y	
Y	
Y	
R	
R	
OFF	

MAINT LV 2

ENERGY BY- TOWN
SERVICE - UNDERGROUND

OFFICE RECORD

REVISION # 10
STC# SM#
SIGNAL REVISED 9-24-96
INSTALLED ALL NEW TRAFFIC SIGNAL EQUIPMENT AND REVISED TIMINGS UNDER PROJ. 174-238

REVISION # 11
STC # SM #
SIGNAL REVISED: 10-26-99.
INSTALLED RED LED LAMPS BY STATE FORCES.

REVISION # 12 CSH
STC # N/A SM # 84344
TRAFFIC DES: KMC ELECT. DES: N/A
SIGNAL REVISED 5-10-01
CHANGED OFFSET: ADDED CYCLES 2 & 3.

INTERSECTION # 117-209

UNMETERED SERVICE

REVISION # 13 JPO
JOB # 117-78 SM # 87170
TRAFFIC DESIGN: JYP ELECT. DESIGN: N/A
SIGNAL REVISED 4/28/03
REVISED PROGRAM AND TIMINGS.

REVISION # 14 JPO
JOB # 117-90 SM # 87480
TRAFFIC DESIGN: JPO ELECT. DESIGN: N/A
SIGNAL REVISED 10/7/03
ADDED DOTTED LINES FOR SOUTHBOUND VEHICLES ON RTE. 35

REVISION # 15
JOB # 117-96 SM # 88475
TRAFFIC DES: A.C. ELECT DES: R.S.L.
SIGNAL REVISED 6/29/04
ADDED AUDIBLE PEDESTRIAN BUZZER.

REVISION # 16
STC # N/A SM #N/A
TRAFFIC & ELECT. DES: DIST. 4 ELECT.
SIGNAL REVISED: 2-22-07
REVISED FLASHING OPERATION FROM 2200-0530 TO 2200-0430

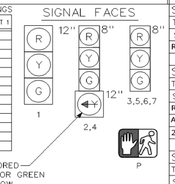
REVISION # 17
STC # N/A SM # N/A
TRAFFIC DESIGN: LAB ELECT. DESIGN: N/A
SIGNAL REVISED: 8-28-09
REVISED FLASHING OPERATION FROM 2200-0430 TO 2200-0530 AND REMOVED TIME CLOCK NOTE; AUDIBLE PED REVISED TO 24 HOUR OPERATION UNDER PROJ. No. 170-2824.

REVISION # 18
STC # N/A SM #91244
TRAFFIC DESIGN: CRB ELECT. DESIGN: N/A
SIGNAL REVISED:10-12-11
REVISED TIMINGS

PRE-EMPTION SETTINGS

	PRE-EMPT 1
PRIORITY	NO
DET. LOCK	YES
DELAY	5
ALT. MIN. GRN	5
ALT. YELLOW	NO
ALT. RED	NO
ALT. PED. CLR.	NO
HOLD GREEN	60
HOLD YELLOW	3
HOLD RED	2
HOLD PHASE	8
EXIT PHASE	2
EXIT CALL	4

SIGNAL FACES



ALL CIRCULAR RED INDICATIONS HAVE LED LAMPS.

LEGEND

R	RED		PROPOSED CONTROLLER
Y	YELLOW		EXISTING CONTROLLER
G	GREEN		PROPOSED HANDHOLE
	RED ARROW		EXISTING HANDHOLE
	YELLOW ARROW		(R.M.C.) RIGID METAL CONDUIT
	GREEN ARROW		CABLE CLOSURE
WØ	WALK/ FL. D.W.		DET. LEADS IN SAW CUT
D.W.	DONT WALK		AUXILIARY TERMINATION CABINET
FL.	FLASHING		RADIO ANTENNA
	EXISTING COMBINATION STEEL SPAN POLE		LUMINAIRE
	PROPOSED STEEL SPAN POLE		AUDIBLE PED. BUZZER
	EXISTING STEEL SPAN POLE		
	PROPOSED UTILITY POLE		
	EXISTING UTILITY POLE		
	PEDESTAL MOUNTING		
	PEDESTRIAN PUSH BUTTON & SIGN		
	TRAFFIC SIGNAL FACE		
	PEDESTRIAN SIGNAL FACE		
	LOOP DETECTOR		
	MAGNETIC DETECTOR		
SD	SYSTEM DETECTOR		

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY. OPERATIONS
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

TOWN OF RIDGEFIELD
ROUTE 35 (MAIN ST.) AT
S.R. 822 (CATOONAH ST.) AND GOVERNOR ST.

REV. #10	TRAFFIC	DATE	ELECTRICAL	DATE
FIELD SURVEY				
ENGINEER	AJM	11-94	MRM	1-95
DRAFTER	PSF	11-94	PSF	1-95
CHECKED BY	CSH	11-94	PLM	1-95
SUBMITTED BY	JFC	2-95	MJG	2-22-95
APPROVED BY	J. SANTANIELLO		D.P. McCALL	
DATE	2-21-95		2-22-95	

ORIGINAL SIGNED

REV. #8 | INTERSECTION # 117-209

NOTES:

STATE TO MAINTAIN PAVEMENT MARKINGS AND SIGNING ON ROUTE 35 AND S.R. 822 AND ALL STOP BARS, EXCEPT LOADING ZONE MARKINGS.

TOWN TO MAINTAIN ALL OTHER PAVEMENT MARKINGS AND SIGNING ON GOVERNOR STREET AND BAILEY STREET AND LOADING ZONE MARKINGS.

Ⓢ BAR TYPE CROSSWALK (16"-16" X 8') - STATE MAINTAINED

Ⓣ BAR TYPE CROSSWALK (24"-24" X 8') - TOWN MAINTAINED

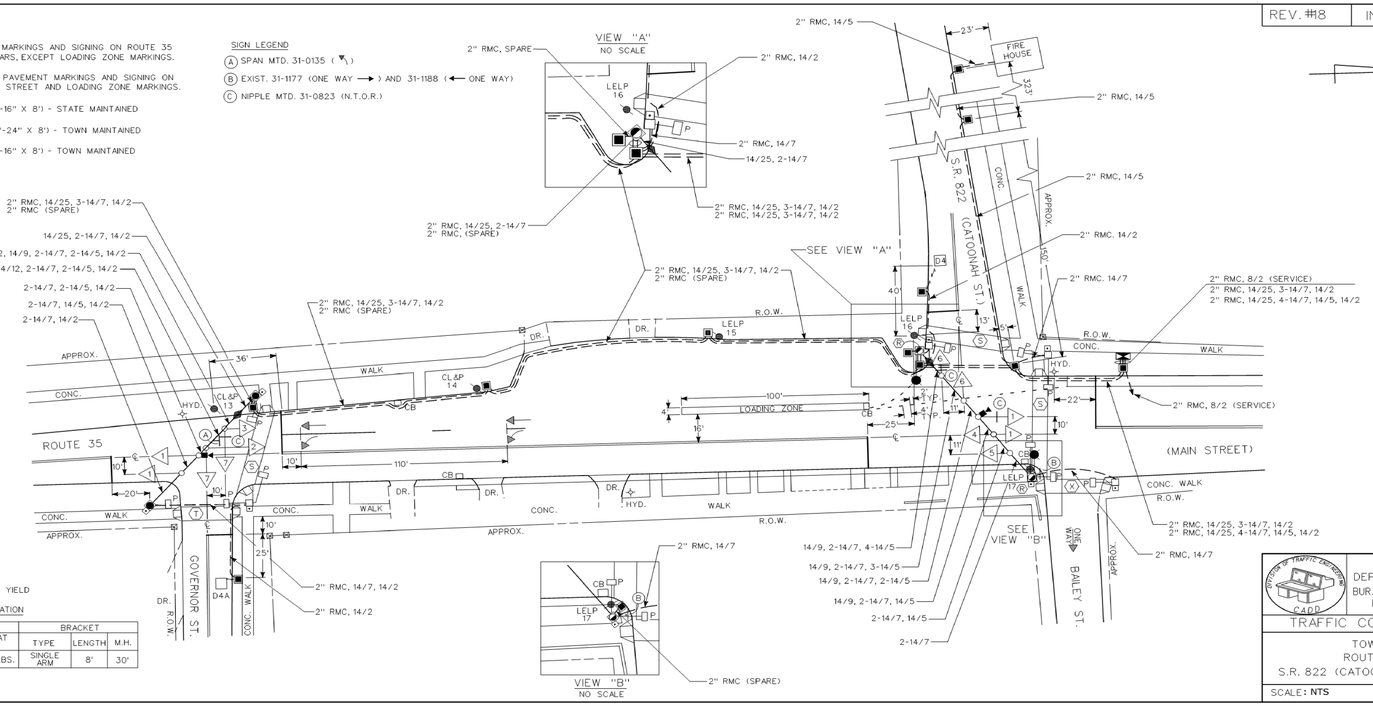
Ⓧ BAR TYPE CROSSWALK (16"-16" X 8') - TOWN MAINTAINED

SIGN LEGEND

Ⓐ SPAN MTD. 31-0135 (⬉)

Ⓑ EXIST. 31-1177 (ONE WAY →) AND 31-1188 (← ONE WAY)

Ⓒ NIPPLE MTD. 31-0823 (N.T.O.R.)



SPAN POLE INFORMATION

28', 20" B.C., 6100 LBS. LOAD AT YIELD

COMBINATION SPAN POLE INFORMATION

POLE	SHAFT			BRACKET		
	LENGTH	B.C.	LOAD AT YIELD	TYPE	LENGTH	M.H.
Ⓡ	30'	20"	7800 LBS.	SINGLE ARM	8'	30'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY. OPERATIONS
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL LAYOUT

TOWN OF RIDGEFIELD
ROUTE 35 (MAIN ST.) AT
S.R. 822 (CATOONAH ST.) AND GOVERNOR ST.

SCALE: NTS

NO.	DATE	INIT.	DESCRIPTION

REVISIONS

REV #	INTERSECTION #117-209

- PROPOSED WOOD SPAN POLE
- EXISTING WOOD SPAN POLE
- PROPOSED STEEL SPAN POLE
- EXISTING STEEL SPAN POLE
- PROPOSED UTILITY POLE
- EXISTING UTILITY POLE
- PEDESTRIAN SIGNAL FACE
- DIRECTIONAL ARW. FOR PUSH BUTTON
- PROPOSED CONTROLLER
- TRAFFIC SIGNAL FACE
- PEDESTRIAN PUSH BUTTON & SIGN
- PEDESTAL MOUNTING
- PROPOSED R.M.C. (RIGID METAL CONDUIT)
- EXISTING R.M.C. (RIGID METAL CONDUIT)
- DET. LEADS IN SAW CUT
- AUXILIARY TERMINATION CABINET
- AUXILIARY EQUIPMENT CABINET
- VIDEO DETECTOR
- OPTICAL DETECTOR
- SD SYSTEM DETECTOR
- EXISTING CONTROLLER
- PROPOSED HANDHOLE
- EXISTING HANDHOLE
- SIDEWALK RAMP
- SONIC DETECTOR
- GUY WIRE
- LOOP DETECTOR
- MAGNETIC DETECTOR
- CABLE CLOSURE

DRAWN BY :

DESIGNED BY :

DATE PLOTTED : 10/30/2014

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

TOWN OF RIDGEFIELD
ROUTE 35 (MAIN ST.) AT
S.R. 822 (CATOONAH ST.)
AND GOVEROR ST.

OFFICE OF ENGINEERING

TOWN: RIDGEFIELD

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

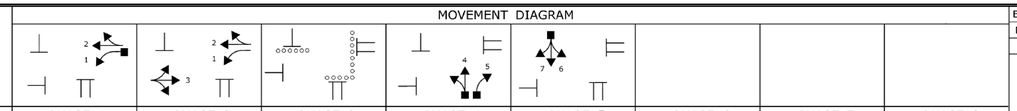
PROJECT NO. 117-157

DRAWING NO. TCS-05

SHEET NO. **04.06**

Border Version 11/08/10

MOVEMENT DIAGRAM



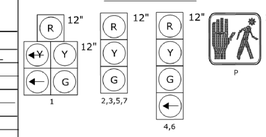
		PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
NTOR	FLASH	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL	GRN CL CL
FACE # 1	Y	◄G ◄YG G	G Y R	R R R	R R R	R R R			
2	Y	G G G	G Y R	R R R	R R R	R R R			
3	Y	R R R	G Y R	R R R	R R R	R R R			
4	R	R R R	R R R	R R R	◄G Y R	R R R			
5	R	R R R	R R R	R R R	G Y R	R R R			
6	R	R R R	R R R	R R R	R R R	◄G Y R			
7	R	R R R	R R R	R R R	R R R	G Y R			
P	OFF	◄ DW ►		WØ ◄	► DW	►			
			◄ YIELD PT.						

INTERVALS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
MIN GRN	3	15		9	7			
WALK			7					
PED CLR			10					
VEH EXT	1		AUDIBLE PEDESTRIAN BUZZER	1.5	1.5			
MAX 1	6	65		15	15			
MAX 2	6	37		15	15			
YELLOW	3.0	3.6	4.0	3	3			
RED	0.1	2.5	0	2.1	1.8			
ADD INIT								
MAX INIT								
TBR								
TTR								
MIN GAP								
MODE	NON-LOCK	MAX. RECALL	NON-LOCK	NON-LOCK	NON-LOCK	OFF	OFF	OFF
INT START		THIS PHASE						

ENERGY BY- TOWN | METER # - N/A
MAINT LEVEL 1 | SERVICE POLE- CL&P 55023
UNMETERED SERVICE

INTERSECTION #117-210

SIGNAL FACES



ALL INDICATIONS HAVE LED LAMPS.

OFFICE RECORD

REVISION #15
STC #N/A SM #N/A
SIGNAL REVISED 5/29/07
SIGNAL EQUIPMENT UPGRADED. ADVANCE ADDED UNDER PROJECT 174-304.
AS-BUILT DRAWN 6/07

REVISION #16
STC #N/A SM #89584
TRAFFIC DESIGN: GMG ELECT. DESIGN: N/A
SIGNAL REVISED 6/19/07
ADDED TUNNEL VISORS TO FACES #3.

REVISION #17
STC #N/A SM #89770
TRAFFIC DESIGN: REB ELECT. DESIGN: MAJ
SIGNAL REVISED:6-13-10
RELOCATED SIGNAL FACES, NTOR, AND STOP BAR ON RT 35 NB
REVISED TIMINGS, REMOVED FACE 3 TUNNEL VISORS.

REVISION #18
STC #N/A SM #91255
TRAFFIC DES :CRB ELEC DES :N/A
SIGNAL REVISED :10-12-11
REVISED TIMINGS AND REVISED MAX 2 AND FREE OPERATION FROM 2000-0430 TO 2000-0530. REVISED CYCLE 1 OPERATION FROM 0430-2000 TO 0530-2000.

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY OPERATIONS
DIVISION OF TRAFFIC ENGINEERING
TRAFFIC CONTROL SIGNAL

TOWN OF RIDGEFIELD
ROUTE 35 (MAIN ST.) AT PROSPECT ST. AND
DRIVE TO SHOPPING CENTER

REV #15	TRAFFIC	DATE	ELECTRICAL	DATE
ENGINEER	KMC	12-01	PLM	11-02
DRAFTER	KMC	12-01	DMB	12-02
CHECKED BY	MRS	12-01	MRM	11-02
SUBMITTED BY	JPO	7-28-05	MJG	7-28-05
APPROVED BY	BARBARA B. RICOZZI		ROBERT S. TWORKOWSKI	
DATE	7-28-05		7-28-05	

ORIGINAL SIGNED

DETECTORS

IDENT	SIZE (WXL)	TURNS	MODE
D1	6'X 6'	3	PRESENCE
D4	6'X 6'	3	PRESENCE
D4A	6'X 6'	3	PRESENCE
D5	6'X 6'	3	PRESENCE
D5A	10'X 6'	3	PRESENCE

PROGRAM

FUNCTION	TIME	DAYS
FLASH	NONE	
MAX. 1	ALL OTHER TIMES	
MAX. 2	2000 - 0530	DAILY
CYCLE 1	0530 - 2000	DAILY
FREE	2000 - 0530	DAILY

COORDINATION TYPE- TC/TBC

CYCLE	OFFSET SEC	OFFSET %	PHASE SPLITS SEC / % Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8
120"	1	1								

PERMIS PERIOD Ø	SEC	SYSTEM LOC MASTER
		117-209
		117-210

TECHNICAL NOTES

STANDARD OVERLAP SKIP FEATURES APPLY

PHASE 2 ON TO OMIT PHASE 1.

LEGEND:
R RED | Y YELLOW | G GREEN
◄R RED ARROW | ◄Y YELLOW ARROW | ◄G GREEN ARROW
WØ WALK/ PED. CLR | D.W. DON'T WALK | FL. FLASHING

NOTES:

STATE TO MAINTAIN PAVEMENT MARKINGS AND STOP BARS ON ROUTE 35 (MAIN ST.) AND STOP BAR ON PROSPECT ST.

TOWN TO MAINTAIN ALL OTHER PAVEMENT MARKINGS ON PROSPECT STREET.

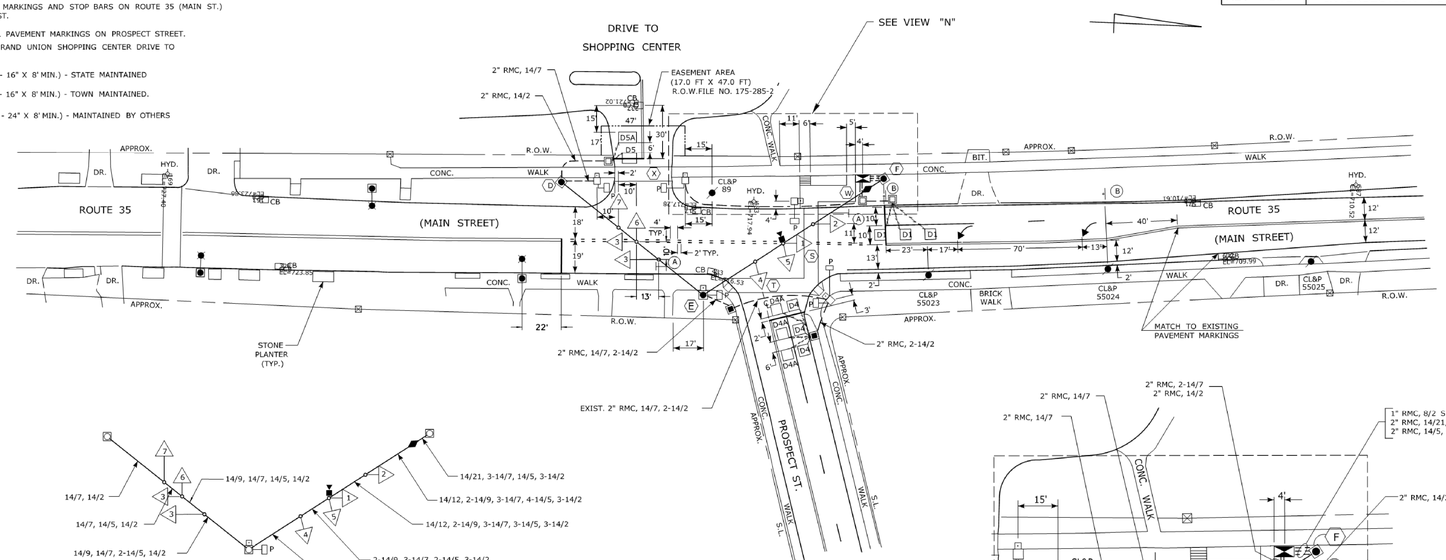
ALL PAVEMENT MARKINGS ON GRAND UNION SHOPPING CENTER DRIVE TO BE MAINTAINED BY OTHERS.

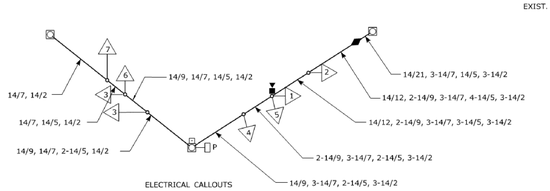
(S) BAR TYPE CROSSWALK (16" - 16" X 8' MIN.) - STATE MAINTAINED

(T) BAR TYPE CROSSWALK (16" - 16" X 8' MIN.) - TOWN MAINTAINED.

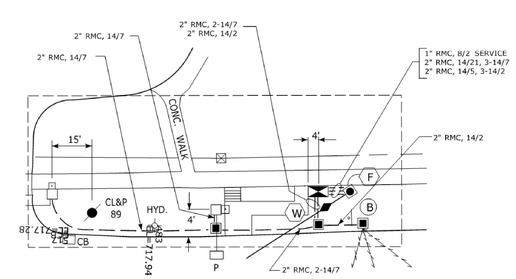
(X) BAR TYPE CROSSWALK (24" - 24" X 8' MIN.) - MAINTAINED BY OTHERS

REV #18 | INTERSECTION #117-210





ELECTRICAL CALLOUTS
FOR SPAN
NO SCALE



VIEW "N"
NO SCALE

SIGN LEGEND

(A) SPAN MOUNT 31-0823 (NTOR)

(B) EXIST. 31-0222 (◄◄)

SPAN POLE INFORMATION

(D) HEIGHT 26', B.C. 20°, LOAD AT YIELD 6100 lbs.

(E) HEIGHT 30', B.C. 20°, LOAD AT YIELD 7800 lbs.

(F) HEIGHT 28', B.C. 20°, LOAD AT YIELD 6100 lbs.

LEGEND:
PROPOSED WOOD SPAN POLE | EXISTING WOOD SPAN POLE | PROPOSED STEEL SPAN POLE | EXISTING STEEL SPAN POLE
PROPOSED UTILITY POLE | EXISTING UTILITY POLE | PEDESTAL MOUNTING | PEDESTRIAN PUSH BUTTON & SIGN
TRAFFIC SIGNAL FACE | PEDESTRIAN SIGNAL FACE | AUDIBLE PEDESTRIAN SIGNAL | LOOP DETECTOR
MAGNETIC DETECTOR | SD SYSTEM DETECTOR | OPTICAL DETECTOR | PROPOSED CONTROLLER
EXISTING CONTROLLER | PROPOSED HANDHOLE | EXISTING HANDHOLE | PROPOSED R.M.C. (RIGID METAL CONDUIT)
EXISTING R.M.C. (RIGID METAL CONDUIT) | CABLE CLOSURE | DET. LEADS IN SAW CUT | AUXILIARY TERMINATION CABINET | AUXILIARY EQUIPMENT CABINET
SIDEWALK RAMP | EXISTING LUMINAIRE

TRAFFIC CONTROL SIGNAL LAYOUT
FILENAME : TR_TCS_117_210_018.dgn
DATE PLOTTED : 11/8/2011 | SCALE - NTS

TOWN OF RIDGEFIELD
ROUTE 35 (MAIN ST.) AT PROSPECT ST. AND
DRIVE TO SHOPPING CENTER

CONSTRUCTION NOTES: TEMPORARY REVISIONS DURING ROUTE 7 BRIDGE REPLACEMENT

REVISE THE PHASE 2 MAX 1 TIME FROM 40 SECONDS TO 65 SECONDS.

REVISE THE PHASE 2 MAX 2 TIME FROM 27 SECONDS TO 37 SECONDS.

REVISE THE COORDINATED CYCLE LENGTH FROM 90 SECONDS TO 120 SECONDS.

NO.	DATE	INIT.	DESCRIPTION

REVISIONS

REV #

INTERSECTION # 117-210

OFFICE OF ENGINEERING

TOWN: RIDGEFIELD

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

PROJECT NO. 117-157

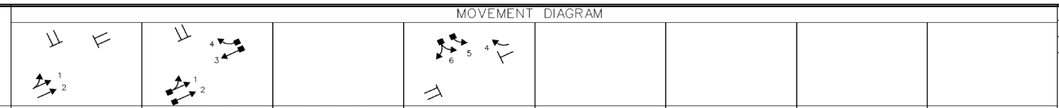
DRAWING NO. TCS-06

SHEET NO. 04.07

Border Version 11/08/10

NONE

MOVEMENT DIAGRAM



NTOR		PHASE 1			PHASE 2			PHASE 3			PHASE 4			PHASE 5			PHASE 6			PHASE 7			PHASE 8		
	FLASH	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL	GRN	CL	CL
FACE # 1	Y	←G	◄Y G	G	G	Y	R				R	R	R												
2	Y	G	G	G	G	Y	R				R	R	R												
3	Y	R	R	R	G	Y	R				R	R	R												
4	Y	R	R	R	G	Y→	R→				R→	R◄Y	R												
5	R	R	R	R	R	R	R				←G	Y	R												
6	R	R	R	R	R	R	R				G	Y	R												
7	R	R	R	R	R	R	R				G	Y	R												

INTERVALS	PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5	PHASE 6	PHASE 7	PHASE 8
MIN GRN	3	15		9				
WALK				12				
PED CLR				1				
VEH EXT		2.5		2				
MAX 1	10	45		50				
MAX 2	3	45		27				
YELLOW	3	4		3				
RED	1	2		2				
ADD INI								
MAX INT								
TBR								
TTR								
MIN GAP								
MODE	MAX-RECALL	MIN-RECALL	OFF	LOCK	OFF	OFF	OFF	OFF
INI START		THIS PHASE						

DETECTORS				PROGRAM		
IDENT	SIZE (WXL)	TURNS	MODE	FUNCTION	TIME	DAYS
D2	3.6x1.8	3	PRESENCE	FLASH	2200 - 0500	DAILY
D2A	1.8x1.8	3	PRESENCE			
D2B	1.8X1.8	3	PRESENCE			
D2C	1.8X1.8	4	PRESENCE			
D2D	1.8X1.8	4	PRESENCE			
D2E	5.5X1.8	4	PRESENCE			
D4	2.4X1.8	3	PRESENCE			
D4A	3.0X1.8	3	PRESENCE			

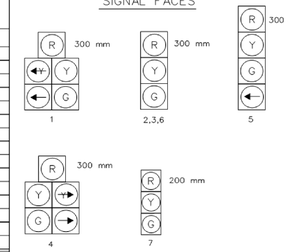
COORDINATION TYPE-															
CYCLE	PHASE SPLITS SEC/%								OFFSET		PERMIS PERIOD		SYSTEM LOC	TECHNICAL NOTES
	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	SEC	%	Ø	SEC	MASTER	STANDARD OVERLAP SKIP FEATURES APPLY
														PHASE 1 MUST PRECEDE PHASE 2
														PHASE 2 ON TO OMIT PHASE 1

ENERGY BY- STATE | METER # - | INTERSECTION # 117-220

MAINT LEVEL 5 | SERVICE POLE- CL&P 22312

UNMETERED SERVICE

SIGNAL FACES



FACE 7 TO HAVE TUNNEL VISORS.

ALL INDICATIONS TO HAVE LED LAMPS.

OFFICE RECORD

REVISION # 11

STC # N/A | SM # N/A

SIGNAL REVISED: 11-15-00

REVISED SPAN AND TIMINGS IN PROJECT 174-260

LEGEND

R	RED		PROPOSED CONTROLLER
Y	YELLOW		EXISTING CONTROLLER
G	GREEN		PROPOSED HANDHOLE
	RED ARROW		EXISTING HANDHOLE
	YELLOW ARROW		PROPOSED (R.M.C.) RIGID METAL CONDUIT
	GREEN ARROW		EXISTING (R.M.C.) RIGID METAL CONDUIT
	WALK/ FL. D.W.		CABLE CLOSURE
	DONT WALK		DET. LEADS IN SAW CUT
FL.	FLASHING		AUXILIARY TERMINATION CABINET
	PROPOSED WOOD SPAN POLE		AUXILIARY EQUIPMENT CABINET
	EXISTING WOOD SPAN POLE		AUDIBLE PEDESTRIAN SIGNAL
	PROPOSED STEEL SPAN POLE		
	EXISTING STEEL SPAN POLE		
	PROPOSED UTILITY POLE		
	EXISTING UTILITY POLE		
	PEDESTAL MOUNTING		
	PEDESTRIAN PUSH BUTTON & SIGN		
	TRAFFIC SIGNAL FACE		
	PEDESTRIAN SIGNAL FACE		
	LOOP DETECTOR		
	MAGNETIC DETECTOR		
SD	SYSTEM DETECTOR		
	OPTICAL DETECTOR		

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY. OPERATIONS
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL

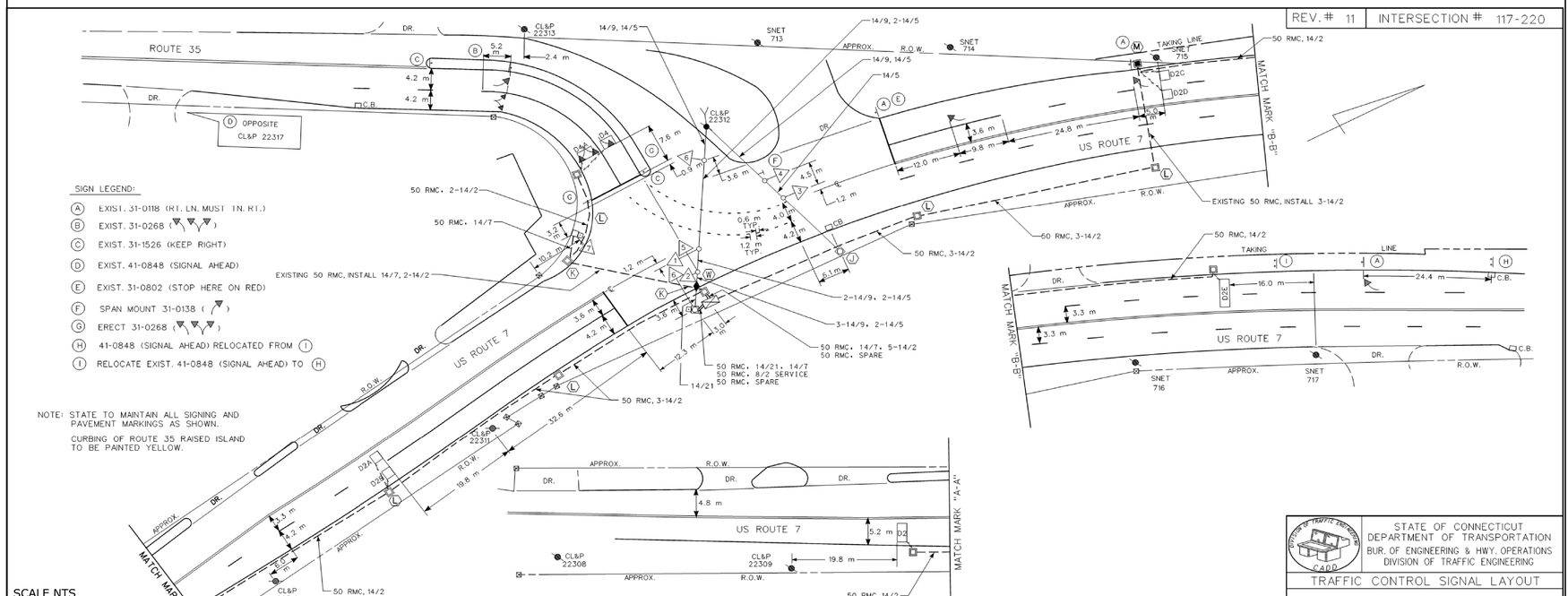
TOWN OF RIDGEFIELD

US ROUTE 7 AT ROUTE 35

REV # 11	TRAFFIC		ELECTRICAL	
		DATE		DATE
ENGINEER	MFM	1/99	AS	2/99
DRAWN BY	MJC	9/98	DKS	3/99
CHECKED BY	MRS	1/99	RMW	2/99
SUBMITTED BY	CSH	3-23-99	MJG	3-23-99
APPROVED BY	JIM H. NORMAN		J. VIVARI	
DATE	3-23-99		3-23-99	

ORIGINAL SIGNED

REV. # 11 | INTERSECTION # 117-220



SCALE NTS

T:\18830-List14-Br02029\CTDOT_Projects\117-157\Traffic\Typical_Sheets\TR_MSH_0117_0157_TCS-07.dgn

SPAN POLE INFORMATION

HEIGHT 9 000 mm, B.C. 510 mm, LOAD AT YIELD 34 710 N

PROPOSED WOOD SPAN POLE	PEDESTRIAN SIGNAL FACE	PROPOSED R.M.C. (RIGID METAL CONDUIT)	VIDEO DETECTOR	SIDEWALK RAMP
EXISTING WOOD SPAN POLE	DIRECTIONAL ARW. FOR PUSH BUTTON	EXISTING R.M.C. (RIGID METAL CONDUIT)	OPTICAL DETECTOR	SONIC DETECTOR
PROPOSED STEEL SPAN POLE	PROPOSED CONTROLLER	DET. LEADS IN SAW CUT	SYSTEM DETECTOR	GUY WIRE
EXISTING STEEL SPAN POLE	TRAFFIC SIGNAL FACE	AUXILIARY TERMINATION CABINET	EXISTING CONTROLLER	LOOP DETECTOR
PROPOSED UTILITY POLE	PEDESTRIAN PUSH BUTTON & SIGN	AUXILIARY EQUIPMENT CABINET	PROPOSED HANDHOLE	MAGNETIC DETECTOR
EXISTING UTILITY POLE	PEDESTAL MOUNTING		EXISTING HANDHOLE	CABLE CLOSURE

DRAWN BY :

DESIGNED BY :

DATE PLOTTED : 10/30/2014

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

TOWN OF RIDGEFIELD
US ROUTE 7 AT ROUTE 35

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY. OPERATIONS
DIVISION OF TRAFFIC ENGINEERING

TRAFFIC CONTROL SIGNAL LAYOUT

TOWN OF RIDGEFIELD

US ROUTE 7 AT ROUTE 35

SCALE: NTS | ALL DIMENSIONS IN METERS UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES: TEMPORARY REVISIONS DURING ROUTE 7 BRIDGE REPLACEMENT

REVISE THE PHASE 1 MAX 1 TIME FROM 3 SECONDS TO 10 SECONDS.

REVISE THE PHASE 4 MAX 1 TIME FROM 27 SECONDS TO 50 SECONDS.

NO.	DATE	INIT.	DESCRIPTION

REVISIONS

REV # | INTERSECTION # 117-220

OFFICE OF ENGINEERING

TOWN: RIDGEFIELD

DRAWING TITLE: TRAFFIC CONTROL SIGNAL PLAN

PROJECT NO. 117-157

DRAWING NO. TCS-07

SHEET NO. 04.08

Border Version 11/08/10