


INTERSECTIONS TO BE UPGRADED	
202	- East Main St. @ Seaside Ave
232	- No. State St. @ Elm St.
241	- No. State St. @ Canal St.
264	- West Main St. @ Liberty St.
262	- West Main @ Fairfield
401	- Atlantic St. @ Broad St.

PHASE-G TRAFFIC SIGNAL UPGRADE PROJECT

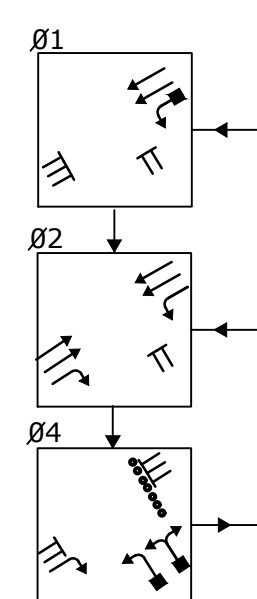
STATE PROJECT NO. 135-337

			CITY OF STAMFORD LOCATION MAP	
				DESIGN:
NO.	DATE	INIT.	DESCRIPTION	DRAWING NO.: 000
REVISIONS				SHEET NO.: 000

		MOVEMENT DIAGRAM																							
		PRE-EMPT 1						PRE-EMPT 2																	
NONE																									
		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		
F A C E	1	Y	G	G	G	G	Y	R				R	R	R											
	2	Y	G	G	G	G	Y	R				R	R	R											
	3	Y	R	R	R	R	Y	R				R	R	R											
	4	R	R	R	R	R	Y	R				R	R	R											
	5	R	R	R	R	R	Y	R				R	R	R											
	6	Y	R	R	R	G	Y	R				R	R	R											
	P4	OFF	DW	DW	DW	DW	DW					Wφ	DW	DW											
	MIN	5	3	1		20	3	1				5	3	1											
	MAX	15	5	3		60	5	3				30	5	3											
I N T E R V A L	MIN GRN	5			20									5											
	WALK													7											
	PEDESTAL																13								
	VEH EXT	3															2								
	MAX 1	8			40												20								
	MAX 2	8			40												20								
YELLOW	3			3												3									
RED	1			2												2									
MODE	NON-LOCK			MAX. RECALL THIS PHASE			OFF			OFF			OFF			OFF			OFF			OFF			
INT START																									

DETECTORS			
IDENT	SIZE (WXL)	TURNS	MODE
D1	6'x50"	VIDEO	PRESENCE
D4	6'x50"	VIDEO	PRESENCE

PHASE SEQUENCE



SIGN LEGEND

- (A) EXISTING 31-0268
- (B) INSTALL 31-0371
- (C) MAST ARM MOUNTED 31-0183
- (D) INSTALL 31-0370
- (E) EXISTING 31-0806

MAST ARM DESIGN CRITERIA PER SPECIFIC LOCATION				
ID #	SHAFT HEIGHT	ARM LENGTH	APPROXIMATE ARM MOUNTING HEIGHT	CAMERA BRACKET LENGTH
(A)	40'			10'
(B)	20'			-
(C)	35'			10'

- NOTES:**
- STATE TO MAINTAIN ALL STOP BARS AT THE INTERSECTION.
STATE TO MAINTAIN ALL OTHER PAYMENT MARKINGS AND SIGNS AT U.S. ROUTE 1 (EAST MAIN STREET) & ON RAMP TO I-95 NB.
CITY TO MAINTAIN ALL OTHERS PAYMENT MARKINGS AND SIGNS ON SEASIDE AVENUE.
- (S) BAR TYPE CROSSWALK (16"- 16"x8") - STATE MAINTAINED
 - (T) BAR TYPE CROSSWALK (16"- 16"x8") - CITY MAINTAINED

WIRING DETAIL	
HEAD #1,5	14/9
HEAD #P2,P4,P6,P8	14/7
HEAD #2,4,6,8	14/5
VIDEO DET. CAM.	POE CAT6
← OPT. DET.	20/3
● CCTV CAMERA	POE CAT6
ILLUM. STREET SIGN SERVICE	14/7
	8/2

NOTE: ALL CABLES SHALL BE INSTALLED WITHOUT ANY SPLICES.

TECHNICAL NOTES

STANDARD OVERLAP SKIP FEATURES APPLY

PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION.

(1) COUNTDOWN DISPLAYS SHALL NOT BE USED DURING THE WALK INTERVAL NOR DURING THE YELLOW CHANGE INTERVAL OF A CONCURRENT VEHICULAR PHASE.

ALL SPLITS AND OFFSETS TO BE DETERMINED BY ATMS.

(2) SPEECH MESSAGE "EAST MAIN". WALK SIGNAL IS ON TO CROSS "EAST MAIN" DURING PEDESTRIAN WALK INTERVAL ONLY.

ENERGY BY- CITY	METER # UNMETERED SERVICE	STATE INT # 135-222
MAINT LEVEL - 24 HOURS	SERVICE POLE - 7237	CITY INT # 202

SIGNAL FACES

* BI-COLORED (YELLOW/GREEN) ARROW

ALL INDICATIONS SHALL BE L.E.D.

ALL OVERHEAD SIGNAL FACES TO HAVE BACKPLATES WITH YELLOW RETROREFLECTIVE BORDER.

PRE-EMPTION SETTINGS

PRIORITY	PRE-EMPT 1		PRE-EMPT 2	
	NO	NO	NO	NO
DET. LOCK	YES	YES		
DELAY	0	0		
ALT. MIN. GRN	5	5		
ALT. YELLOW	PARENT	PARENT		
ALT. RED	PARENT	PARENT		
ALT. RED. CLR	13	13		
HOLD GREEN	15	15		
HOLD YELLOW	3	3		
HOLD RED	2	2		
HOLD PHASE	2	4		
EXIT PHASE	4	1		
EXIT CALL	NONE	NONE		

P4 COUNTDOWN PED SIGNAL EGGRATE VISOR

CONSTRUCTION NOTES (REVISION #XX)

- ALL TRAFFIC SIGNAL EQUIPMENT IS NEW EXCEPT AS NOTED.
- THE CONTRACTOR SHALL STAKE ALL RIGHT OF WAY PRIOR TO EXCAVATION.
- ALL WORK, EQUIPMENT, AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF STAMFORD AND CTDOT FORM 817.
- ANY PROPOSED REVISIONS TO THE LOCATION OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL CONTACT THE CITY OF STAMFORD AT (203)977-5809 IN ORDER TO HAVE THE WATER CONTROL BUREAU LOCATE SANITARY AND STORM SEWERS AND LATERALS.
- THE CONTRACTOR SHALL REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT.
- ALL SALVAGEABLE TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF STAMFORD TRAFFIC SIGNAL MAINTENANCE FACILITY ON CRESCENT STREET. CONTACT MR. PAUL MONTANARO AT (203)977-4704 THREE WEEKS PRIOR TO CONSTRUCTION TO COORDINATE.
- SIGNAL APPURTENANCES WHEN IN OR ADJACENT TO SIDEWALK SHALL BE FIELD LOCATED TO PROVIDE A FREE PATH OF NOT LESS THAN FOUR FEET.
- OPTICAL DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR THEIR DESIGNATED REPRESENTATIVE. OPTICAL DETECTOR CABLES ARE TO BE INSTALLED CONTINUOUS BETWEEN EACH OPTICAL DETECTOR AND THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL REPLACE ENTIRE SECTION OF SIDEWALK AND/OR CURBING DAMAGED DUE TO INSTALLATION AND/OR REMOVAL OF CONDUITS, HANDHOLES, OR FOUNDATIONS.
- CONTROLLER CABINET TO OPEN FIELD SIDE.
- VIDEO DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR HIS DESIGNATED REPRESENTATIVE.
- CONTRACTOR TO COORDINATE MAST ARM INSTALLATION WITH UTILITY COMPANIES TO ENSURE PROPER CLEARANCE OF 12 INCHES FROM NEAREST COMMUNICATION CABLE.
- A VERTICAL CLEARANCE OF 16 TO 18 FEET OVER ROADWAY PAVEMENT IS REQUIRED FOR TRAFFIC SIGNALS.
- INSTALL THREE NEW CROSSWALKS AND STOP BAR ON EAST LEG OF EAST MAIN STREET AS SHOWN.
- ERADICATE CONFLICTING PAVEMENT MARKINGS.
- ALL HANDHOLES ARE QUAZITE 36" X 36".
- ALL MAST ARM MOUNTED TRAFFIC SIGNALS ARE FIXED MOUNTED TO THE ARM BY USE ADJUSTABLE BRACKETS.
- ALL MAST ARM MOUNTED SIGNS ARE FIXED MOUNTED.
- ALL SIGNAL EQUIPMENT IS TO BE FURNISHED WITH FEDERAL STANDARD NO. 595A, BLACK MATTED FINISHED, 37038
- CONTRACTOR TO VERIFY ALL MAST ARM INFORMATION INCLUDING CROSS SECTIONS AND DIMENSIONS, BASED ON FIELD SURVEY, PRIOR TO SUBMISSION OF WORKING DRAWINGS.
- ALL PEDESTRIAN PUSH BUTTONS MUST MEET A.D.A. STANDARD.
- (R) INSTALL CCTV CAMERA ON 10 FOOT BRACKET.
- (U) INSTALL ILLUMINATED STREET SIGN ON MAST ARM (4'x1').
- (V) INSTALL VIDEO DETECTION CAMERA ON 10 FOOT BRACKET.
- INSTALL RISER ON CL&P #7237.
- ALL PEDESTRIAN PUSH BUTTONS TO BE "ACCESSIBLE PEDESTRIAN SIGNAL AND VIBROTACTILE DETECTOR (TYPE A)".
- INSTALL SIGN NO. 31-0845 WITH ARROW AT PEDESTRIAN PUSH BUTTON LOCATION WHICH IS ORIENTATED PARALLEL TO THE CROSSING.
- CONTRACTOR TO COORDINATE MAST ARM INSTALLATION WITH UTILITY COMPANIES TO ENSURE PROPER CLEARANCE OF 12 INCHES FROM NEAREST COMMUNICATION CABLE.
- INSTALL PEDESTAL FOUNDATIONS ADJACENT TO LANDING AREA.
- COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION, 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES.

CITY SIGNAL STATE INT #135-222 CITY INT #202

CITY OF STAMFORD

U.S. ROUT 1 (EAST MAIN ST.) AT SEASIDE AVE.

NO.	DATE	INT.	DESCRIPTION

PROJECT NO.: 0135-0337
DRAWING NO.: TSP-01
SHEET NO.:

LEGEND:

- PROPOSED WOOD SPAN POLE
- EXISTING WOOD SPAN POLE
- PROPOSED STEEL SPAN POLE
- EXISTING STEEL SPAN POLE
- PROPOSED COMBINATION POLE
- PROPOSED UTILITY POLE
- EXISTING UTILITY POLE
- PEDESTAL MOUNTING
- PEDESTRIAN PUSH BUTTON & SIGN
- TRAFFIC SIGNAL FACE
- PEDESTRIAN SIGNAL HEAD
- AUDIBLE PEDESTRIAN SIGNAL
- LOOP DETECTOR
- MAGNETIC DETECTOR
- SYSTEM DETECTOR
- OPTICAL DETECTOR
- PROPOSED CONTROLLER
- EXISTING CONTROLLER
- PROPOSED HANDHOLE (QUAZ)
- EXISTING HANDHOLE
- PROPOSED R.M.C. (RIGID METAL CONDUIT)
- EXISTING R.M.C. (RIGID METAL CONDUIT)
- CABLE CLOSURE
- DET. LEADS IN SAW CUT
- CCTV CAMERA
- MICROWAVE DETECTOR
- STRAIN INSULATOR
- AUXILIARY TERMINATION CABINET
- AUXILIARY EQUIPMENT CABINET
- VIDEO DETECTOR
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- WALK/PED. CLR
- DON'T WALK
- FLASHING

TRAFFIC CONTROL SIGNAL LAYOUT

CADD FILE NAME: XYZ.DWG
DATE PLOTTED: 00-00-00
SCALE: 1" = 20'

CONSTRUCTION NOTES

(REVISION #XX)

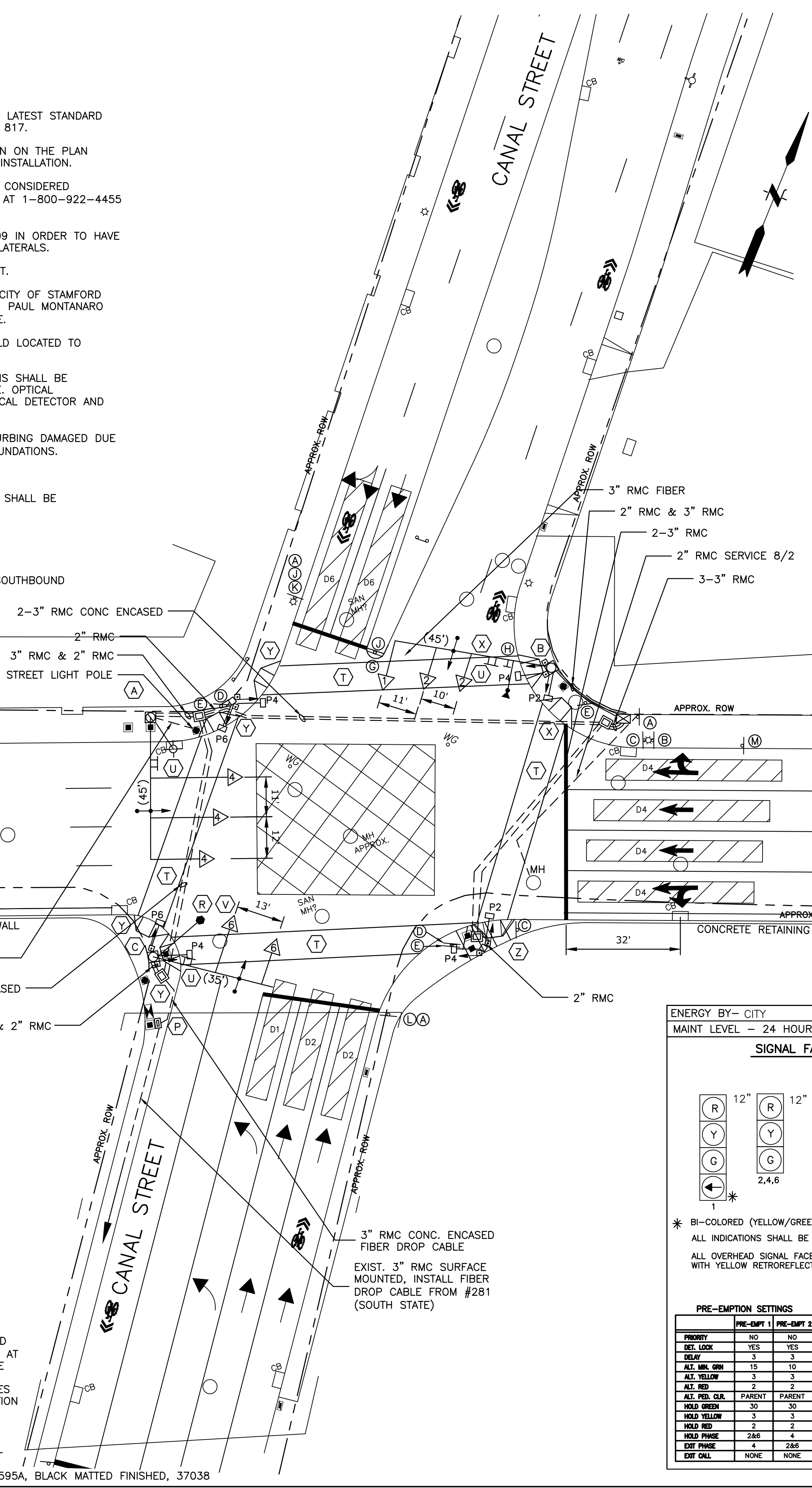
ALL TRAFFIC SIGNAL EQUIPMENT IS NEW EXCEPT AS NOTED. THE CONTRACTOR SHALL STAKE ALL RIGHT OF WAY PRIOR TO EXCAVATION. ALL WORK, EQUIPMENT, AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF STAMFORD AND CTDOT FORM 817. ANY PROPOSED REVISIONS TO THE LOCATION OF THE APPURTENANCES SHOWN ON THE PLAN MUST BE SUBMITTED FOR REVIEW AND APPROVAL BY THE CITY PRIOR TO INSTALLATION. UTILITY LOCATIONS ARE FOR INFORMATIONAL PURPOSES ONLY AND SHALL BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE CITY OF STAMFORD AT (203)977-5809 IN ORDER TO HAVE THE WATER CONTROL BUREAU LOCATE SANITARY AND STORM SEWERS AND LATERALS. THE CONTRACTOR SHALL REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT. ALL SALVAGEABLE TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF STAMFORD TRAFFIC SIGNAL MAINTENANCE FACILITY ON CRESCENT STREET. CONTACT MR. PAUL MONTANARO AT (203)977-4704 THREE WEEKS PRIOR TO CONSTRUCTION TO COORDINATE. SIGNAL APPURTENANCES WHEN IN OR ADJACENT TO SIDEWALK SHALL BE FIELD LOCATED TO PROVIDE A FREE PATH OF NOT LESS THAN FOUR FEET. OPTICAL DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR THEIR DESIGNATED REPRESENTATIVE. OPTICAL DETECTOR CABLES ARE TO BE INSTALLED CONTINUOUS BETWEEN EACH OPTICAL DETECTOR AND THE CONTROLLER CABINET. THE CONTRACTOR SHALL REPLACE ENTIRE SECTION OF SIDEWALK AND/OR CURBING DAMAGED DUE TO THE INSTALLATION AND/OR REMOVAL OF CONDUITS, HANDHOLES, OR FOUNDATIONS. CABINET DOOR TO OPEN STREET SIDE. VIDEO DETECTOR LOCATIONS ARE FOR ILLUSTRATION ONLY. EXACT LOCATIONS SHALL BE DETERMINED BY THE MANUFACTURER OR HIS DESIGNATED REPRESENTATIVE. INSTALL CROSSWALK AS SHOWN. REVISE MEDIAN ON CANAL ST AS SHOWN. ERADICATE STOP BARS AND INSTALL NEW STOP BARS ON WESTBOUND AND SOUTHBOUND APPROACHES AS SHOWN. INSTALL LANE-USE ARROWS ON AS SHOWN.

CONTRACTOR TO VERIFY ALL MAST ARM INFORMATION INCLUDING CROSS SECTIONS AND DIMENSIONS, BASED ON FIELD SURVEY, PRIOR TO SUBMISSION OF WORKING DRAWINGS. (P) INSTALL TYPE II QUAZITE HANDHOLE 17" X 30". (R) INSTALL CLOSED CIRCUIT TELEVISION CAMERA ON 10 FOOT BRACKET. (U) INSTALL ILLUMINATED STREET SIGN ON MAST ARM (4'x1'). (V) INSTALL VIDEO DETECTION CAMERA ON 15 FOOT BRACKET. (X) CONSTRUCT TYPE 3 SIDEWALK RAMP PER DETAIL SHEETS. (Y) CONSTRUCT TYPE 2 SIDEWALK RAMP PER DETAIL SHEETS. (Z) CONSTRUCT TYPE 4F SIDEWALK RAMP PER DETAIL SHEETS.

ALL PEDESTRIAN PUSH BUTTONS TO BE "ACCESSIBLE PEDESTRIAN SIGNAL AND VIBROTACTILE DETECTOR (TYPE A)". INSTALL SIGN NO. 31-0845 WITH ARROW AT PEDESTRIAN PUSH BUTTON LOCATION WHICH IS ORIENTATED PARALLEL TO THE CROSSING. CONTRACTOR TO COORDINATE MAST ARM INSTALLATION WITH UTILITY COMPANIES TO ENSURE PROPER CLEARANCE OF 12 INCHES FROM NEAREST COMMUNICATION CABLE. INSTALL PEDESTAL FOUNDATIONS ADJACENT TO LANDING AREA. COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION, 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES. ALL SIGNAL EQUIPMENT IS TO BE FURNISHED WITH FEDERAL STANDARD NO. 595A, BLACK MATTED FINISHED, 37038

CONSTRUCTION NOTES (CONT'D) ALL HANDHOLES ARE QUAZITE 36" X 36" UNLESS OTHERWISE NOTED. ALL MAST ARM MOUNTED TRAFFIC SIGNALS ARE FIXED MOUNTED TO THE ARM BY USE ADJUSTABLE BRACKETS. ALL MAST ARM MOUNTED SIGNS ARE FIXED MOUNTED.

LEGEND: PROPOSED WOOD SPAN POLE, EXISTING WOOD SPAN POLE, PROPOSED STEEL SPAN POLE, EXISTING STEEL SPAN POLE, PROPOSED COMBINATION POLE, PROPOSED UTILITY POLE, EXISTING UTILITY POLE, PEDESTAL MOUNTING, PEDESTRIAN PUSH BUTTON & SIGN, TRAFFIC SIGNAL FACE, AUDIBLE PEDESTRIAN SIGNAL, LOOP DETECTOR, MAGNETIC DETECTOR, SYSTEM DETECTOR, EXISTING CONTROLLER, PROPOSED CONTROLLER, EXISTING HANDHOLE (QUAZ), EXISTING HANDHOLE, PROPOSED R.M.C. (ROAD METAL CONDUIT), EXISTING R.M.C. (ROAD METAL CONDUIT), EXISTING R.M.C. (ROAD METAL CONDUIT) CABLE CLOSURE, DET. LEADS IN SAW CUT, CCTV CAMERA, MICROWAVE DETECTOR, STRAIN INSULATOR, AUXILIARY TERMINATION CABINET, AUXILIARY EQUIPMENT CABINET, VIDEO DETECTOR, RED ARROW, YELLOW ARROW, GREEN ARROW, RED ARROW, YELLOW ARROW, GREEN ARROW, WALK / PED. CLR, D.W. DON'T WALK FL. FLASHING



MOVEMENT DIAGRAM table with columns for PRE-EMPT 1, PRE-EMPT 2, PHASE 1-8, and INTERVAL. It includes signal timing details for various movements (GRN, CL, CL) and detector settings (MIN, MAX, MODE).

DETECTORS table with columns for IDENT, SIZE (WXL), TURNS, and MODE. Lists detectors D1, D2, D4, and D6 with their respective specifications.

COORDINATION TYPE - TRAFFICWARE ATMS.

TECHNICAL NOTES: STANDARD OVERLAP SKIP FEATURES APPLY. (1) COUNTDOWN DISPLAYS SHALL NOT BE USED DURING THE WALK INTERVAL NOR DURING THE YELLOW CHANGE INTERVAL OF A CONCURRENT VEHICULAR PHASE. PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION. ALL SPLITS AND OFFSETS TO BE DETERMINED BY ATMS. (2) SPEECH MESSAGE "NORTH STATE". WALK SIGNAL IS ON TO CROSS "NORTH STATE" DURING PEDESTRIAN WALK INTERVAL ONLY. (3) SPEECH MESSAGE "CANAL STREET". WALK SIGNAL IS ON TO CROSS "CANAL STREET" DURING PEDESTRIAN WALK INTERVAL ONLY.

ENERGY BY - CITY, METER # UNMETERED SERVICE, INTERSECTION # 241. Includes SIGNAL FACES diagram showing 12" and 18" signal configurations, OFFICE RECORD, SIGNAL REVISIONS, and PRE-EMPTION SETTINGS table.

MAST ARM DESIGN CRITERIA PER SPECIFIC LOCATION table with columns for ID #, SHAFT HEIGHT, ARM LENGTH, APPROXIMATE ARM MOUNTING HEIGHT, YEAR INSTALLED, and CAMERA BRACKET LENGTH.

SIGN LEGEND: (A) INSTALL 31-0806 NO NOT BLOCK INTERSECTION, (B) INSTALL 31-0830 NO TURN ON RED, (C) EXISTING 31-1119 DO NOT ENTER, (D) EXISTING 31-1177 ONE WAY RIGHT ARROW, (E) EXISTING 31-1188 ONE WAY LEFT ARROW, (F) INSTALL 31-1526 KEEP RIGHT SYMBOL, (G) MAST ARM MOUNT 31-1627 NO RIGHT TURN SYMBOL, (H) INSTALL 31-1619 NO LEFT TURN SYMBOL, (I) INSTALL 31-1620 NO LEFT TURN, (J) INSTALL 31-0370, (M) INSTALL, (T) BAR TYPE CROSSWALK (16"-16"x8") - CITY MAINTAINED.

WIRING DETAIL table with columns for HEAD #, HEAD #, VIDEO DET. CAM., OPT. DET., CCTV CAMERA, ILLUMINATED STREET SIGN, and SERVICE.

CITY SIGNAL, STATE INT #NONE, CITY INT #241. Includes CITY OF STAMFORD logo, project information (PROJECT NO.: 0135-0337, DRAWING NO.: TSP-03, SHEET NO.), and a REVISIONS table.

TRAFFIC CONTROL SIGNAL LAYOUT, CADD FILE NAME: XYZ.DWG, DATE PLOTTED: 00-00-00, SCALE: 1" = 20'

REV. INTERSECTION # 241

		MOVEMENT DIAGRAM																							
		PRE-EMPT 1						PRE-EMPT 2						FIRE PRE-EMPT											
NTOR	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	R				G	Y	R																		
2	R				G	Y	R																		
3	R				R	R	R																		
4	R				R	R	R																		
F A C E	P2	OFF			Wφ	DW	DW																		
	P4	OFF			DW	DW	DW																		
#																									
	MIN				15	3	1																		
	MAX				60	5	3																		
I N T E R V A L	MIN GRN				20																				
	WALK				7	(2)																			
	PED CLR				15	(1)																			
	VEH EXT																								
	MAX 1				40																				
	MAX 2				40																				
	YELLOW					3																			
	RED						1																		
	MODE																								
	INT START																								

DETECTORS			
IDENT	SIZE (WXL)	TURNS	MODE
D3	12'X35'	VIDEO	PRESENCE
D4	12'X35'	VIDEO	PRESENCE

SIGN LEGEND
 (A) INSTALL 31-0813 (NO TURN ON RED)

MAST ARM DESIGN CRITERIA PER SPECIFIC LOCATION					
ID #	SHAFT HEIGHT	ARM LENGTH	APPROXIMATE ARM MOUNTING HEIGHT	YEAR INSTALLED	CAMERA BRACKET LENGTH
(A)		45'			15'
(A)		25'			15'
(B)		25'			-

ENERGY BY - CITY	METER # UNMETERED SERVICE	INTERSECTION # 262
MAINT LEVEL - 24 HOURS	SERVICE POLE - 1736	

SIGNAL FACES

12" 16"

 P2, P4
 COUNTDOWN
 PED SIGNAL
 EGOCRATE VISOR

ALL INDICATIONS SHALL BE L.E.D.
 ALL OVERHEAD SIGNAL FACES TO HAVE BACKPLATES WITH YELLOW RETROREFLECTIVE BORDER.

PRE-EMPTION SETTINGS

PRIORITY	NO	PRE-EMPT 1	PRE-EMPT 2	FIRE PRE-EMPT
DET. LOCK	YES	YES	YES	YES
DELAY	0	0	0	0
ALT. MIN. GRN	15	15	15	15
ALT. YELLOW	PARENT	PARENT	PARENT	PARENT
ALT. RED	PARENT	PARENT	PARENT	PARENT
ALT. PED. CLR.	15	15	15	15
HOLD GREEN	20	20	20	20
HOLD YELLOW	3	3	3	3
HOLD RED	1	1	1	1
HOLD PHASE	2	4	8	8
EXT PHASE	4	2	2	2
EXT CALL	NONE	NONE	NONE	NONE

NOTES:
 STATE TO MAINTAIN ALL STOP BARS AT THE INTERSECTION.
 STATE TO MAINTAIN ALL OTHER PAVEMENT MARKINGS AND SIGNS ON U.S. ROUTE 1 (WEST MAIN STREET).
 CITY TO MAINTAIN ALL OTHER PAVEMENT MARKINGS AND SIGNS ON FAIRFIELD AVENUE.
 (S) EXISTING BAR TYPE CROSSWALK (16"-16" X 8') - STATE MAINTAINED
 (T) EXISTING BAR TYPE CROSSWALK (16"-16" X 8') - CITY MAINTAINED

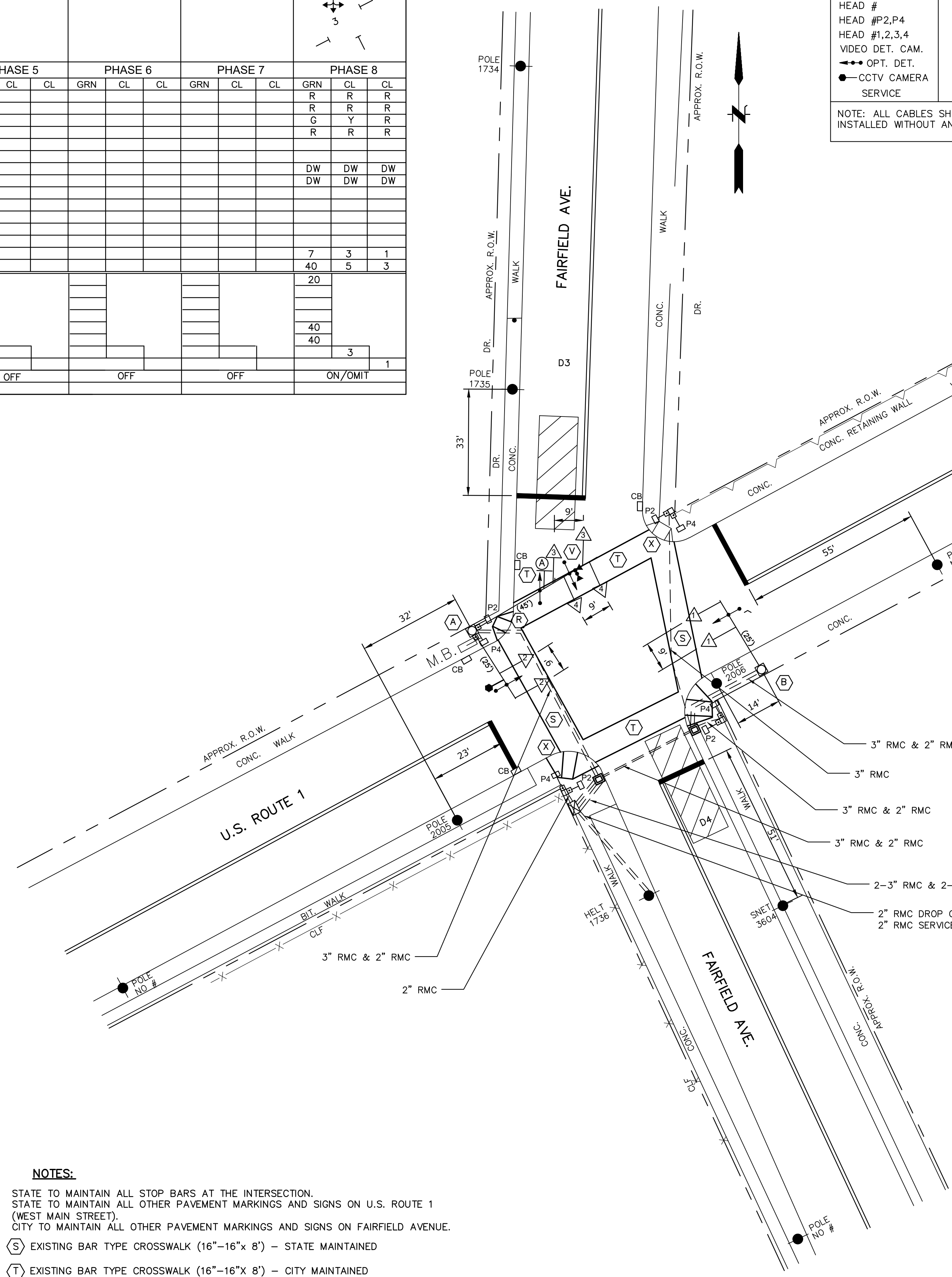
WIRING DETAIL	
HEAD #	14/9
HEAD #P2,P4	14/7
HEAD #1,2,3,4	14/5
VIDEO DET. CAM.	POE CAT6
OPT. DET.	20/3
CCTV CAMERA SERVICE	POE CAT6 8/2

NOTE: ALL CABLES SHALL BE INSTALLED WITHOUT ANY SPLICES.

TECHNICAL NOTES
 STANDARD OVERLAP SKIP FEATURES APPLY
 PRE-EMPTION TO BE INOPERATIVE DURING FLASHING OPERATION.
 (1) COUNTDOWN DISPLAYS SHALL NOT BE USED DURING THE WALK INTERVAL NOR DURING THE YELLOW CHANGE INTERVAL OF A CONCURRENT VEHICULAR PHASE.
 (2) SPEECH MESSAGE "FAIRFIELD AVE". WALK SIGNAL IS ON TO CROSS "FAIRFIELD AVE" DURING PEDESTRIAN WALK INTERVAL ONLY.
 (3) SPEECH MESSAGE "WEST MAIN". WALK SIGNAL IS ON TO CROSS "WEST MAIN" DURING PEDESTRIAN WALK INTERVAL ONLY.

CONSTRUCTION NOTES
 (REVISION #XX)

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 THE CONTRACTOR SHALL REMOVE ALL ABANDONED TRAFFIC SIGNAL EQUIPMENT.
 ALL SALVAGEABLE TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF STAMFORD TRAFFIC SIGNAL MAINTENANCE FACILITY ON CRESCENT STREET. CONTACT MR. JOE ANDREWS AT (203)977-4704 THREE WEEKS PRIOR TO CONSTRUCTION TO COORDINATE.
 SIGNAL APPURTENANCES WHEN IN OR ADJACENT TO SIDEWALK SHALL BE FIELD LOCATED TO PROVIDE A FREE PATH OF NOT LESS THAN FOUR FEET.
 CONTROLLER CABINET TO OPEN STREET SIDE.
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 CONTRACTOR TO COORDINATE MAST ARM INSTALLATION WITH UTILITY COMPANIES TO ENSURE PROPER CLEARANCE OF 12 INCHES FROM NEAREST COMMUNICATION CABLE.
 ALL HANDHOLES ARE QUAZITE 36" X 36".
 ALL MAST ARM MOUNTED TRAFFIC SIGNALS ARE FIXED MOUNTED TO THE ARM BY USE ADJUSTABLE BRACKETS.
 ALL MAST ARM MOUNTED SIGNS ARE FIXED MOUNTED.
 CONTRACTOR TO VERIFY ALL MAST ARM INFORMATION INCLUDING CROSS SECTIONS AND DIMENSIONS, BASED ON FIELD SURVEY, PRIOR TO SUBMISSION OF WORKING DRAWINGS.
 ALL SIGNAL EQUIPMENT IS TO BE FURNISHED WITH FEDERAL STANDARD NO. 595A, BLACK MATTED FINISHED, 37038.
 (X) CONSTRUCT TYPE 4G SIDEWALK RAMP PER DETAIL SHEETS.
 (R) INSTALL CLOSED CIRCUIT TELEVISION CAMERA ON 10 FOOT BRACKET.
 (V) INSTALL VIDEO DETECTION CAMERA ON 15 FOOT HORIZONTAL BRACKET.
 INSTALL PEDESTAL FOUNDATIONS ADJACENT TO LANDING AREA.
 COORDINATE WITH UTILITY COMPANY REPRESENTATIVES LISTED IN THE SPECIAL PROVISION, 1.07 - LEGAL RELATIONS AND RESPONSIBILITIES.
 INSTALL RISER ON HELT #1736 STATE INT #135-249 CITY INT #262



<p>LEGEND:</p> <ul style="list-style-type: none"> ○ PROPOSED WOOD SPAN POLE ● EXISTING WOOD SPAN POLE ○ PROPOSED STEEL SPAN POLE ● EXISTING STEEL SPAN POLE ⊕ PROPOSED COMBINATION POLE ⊖ PROPOSED UTILITY POLE ⊙ EXISTING UTILITY POLE ⊚ PEDESTAL MOUNTING ⊛ PEDESTRIAN PUSH BUTTON & SIGN ⊜ TRAFFIC SIGNAL FACE ⊝ PEDESTRIAN SIGNAL HEAD ⊞ AUDIBLE PEDESTRIAN SIGNAL LOOP DETECTOR ⊟ MAGNETIC DETECTOR ⊠ SYSTEM DETECTOR ⊡ OPTICAL DETECTOR ⊢ PROPOSED CONTROLLER ⊣ EXISTING CONTROLLER ⊤ PROPOSED HANDHOLE(EJAZ) ⊥ EXISTING HANDHOLE ⊦ PROPOSED R.M.C. (RIGID METAL CONDUIT) ⊧ EXISTING R.M.C. (RIGID METAL CONDUIT) CABLE CLOSURE ⊨ DET. LEADS IN SAW CUT ⊩ CCTV CAMERA ⊪ MICROWAVE DETECTOR ⊫ STRAIN INSULATOR ⊬ AUXILIARY TERMINATION CABINET ⊭ AUXILIARY EQUIPMENT CABINET ⊮ VIDEO DETECTOR ⊯ RED ⊰ YELLOW ⊱ GREEN ⊲ RED ARROW ⊳ YELLOW ARROW ⊴ GREEN ARROW ⊵ WALK/PED. CLR. ⊶ D.W. DON'T WALK ⊷ FLASHING 	<p>TRAFFIC CONTROL SIGNAL LAYOUT</p> <p>CADD FILE NAME: XYZ.DWG DATE PLOTTED: 00-00-00 SCALE: 1" = 20'</p>	<p>NO. DATE INIT. DESCRIPTION</p> <p>REVISIONS</p>	<p>PROJECT NO.: 0135-0337 DRAWING NO.: TSP-04 SHEET NO.:</p>
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REV. INTERSECTION # 262

CITY OF STAMFORD
 U.S. ROUTE 1 (WEST MAIN ST.) AT FAIRFIELD AVE.

