11 - IMS - HIGHWAY OPERATIONS
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
IMS-01	DRAWING INDEX		
IMS-02	SITE 1 - GREENWICH - FOR INFORMATION ONLY		
IMS-03	SITE 7 - MILFORD - FOR INFORMATION ONLY		
IMS-04	SITE 12 - MERIDEN - FOR INFORMATION ONLY		
IMS-05	SITE 13 - MERIDEN - FOR INFORMATION ONLY		
IMS-06	SITE 14 - MERIDEN - FOR INFORMATION ONLY		
IMS-07	SITE 15 - GLASTONBURY - FOR INFORMATION ONLY		

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.

Tracy L. Fogarty, P.E.
2020.07.01 09:02:19-04'00'

TRANSPORTATION PRINCIPAL ENGINEER

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: 6/30/2020

DESIGNER/DRAFTER: S. Wassmann
CHECKED BY: J. Massini
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\TR_IMS_DRAWING_INX_0170_3527.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY:

PROJECT TITLE:
STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: VARIOUS

DRAWING TITLE: DRAWING INDEX

PROJECT NO. 170-3527
DRAWING NO. IMS-01
SHEET NO. 11.01

FORM TRA-26 REV. 9/89

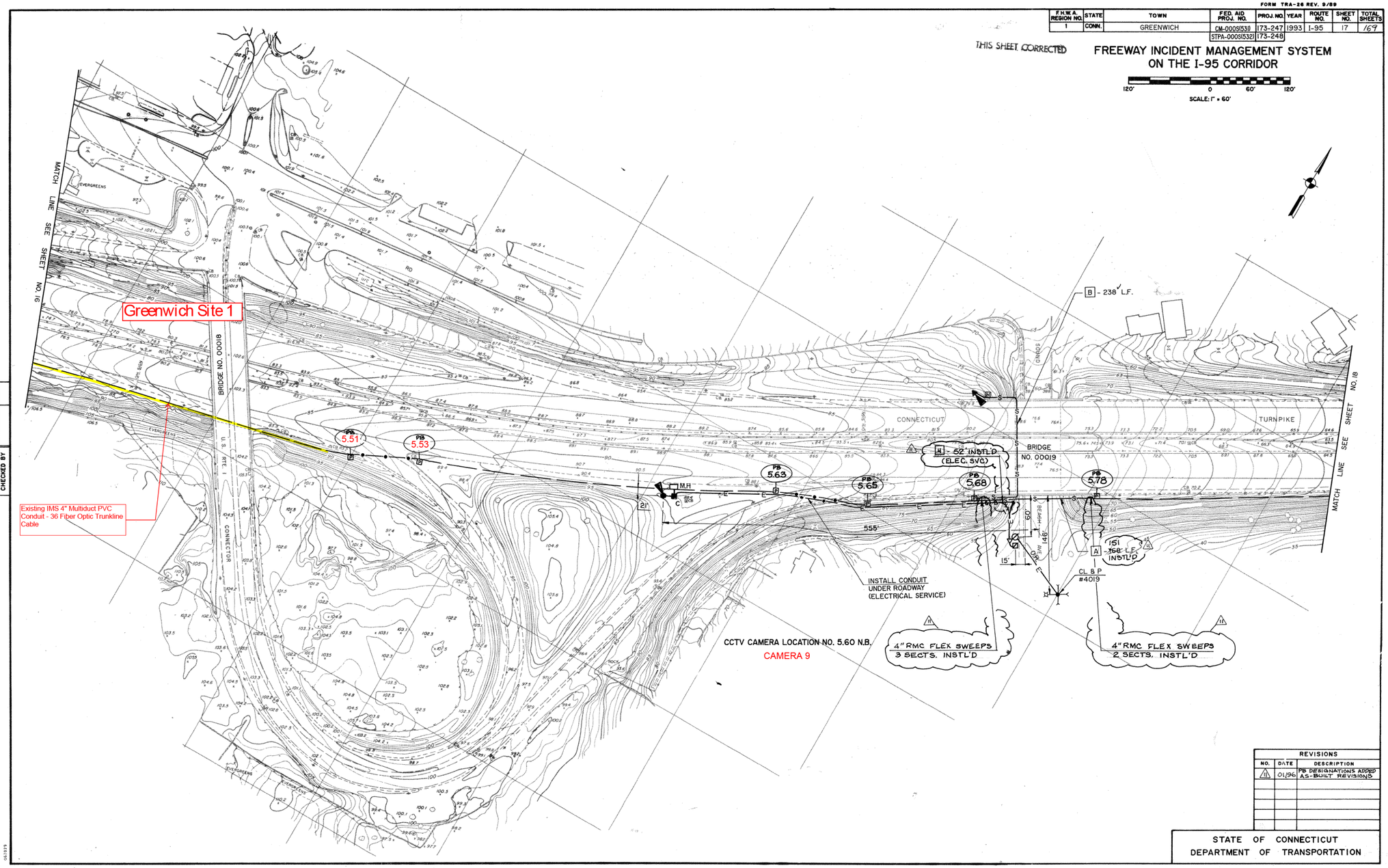
F.H.W.A. REGION NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO.	YEAR	ROUTE NO.	SHEET NO.	TOTAL SHEETS
1	CONN.	GREENWICH	CM-0009(530)	173-247	1993	I-95	17	167
			STPA-0009(532)	173-248				

THIS SHEET CORRECTED

FREEWAY INCIDENT MANAGEMENT SYSTEM ON THE I-95 CORRIDOR

120' 0 60' 120'

SCALE: 1" = 60'



REVISIONS		
NO.	DATE	DESCRIPTION
1	01/96	PB DESIGNATIONS ADDED AS-BUILT REVISIONS

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

TRAFFIC ENGINEERING	NAME	DATE
DESIGN BY		
DRAWN BY		
CHECKED BY		

.12

173-247 /248

609-01

116

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: 6/30/2020

DESIGNER/DRAFTER: S. WASSMANN

CHECKED BY: J. MASSINI

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\TR_FIO_IMS_170_3527_SITE 1 Greenwich.dgn

SIGNATURE/BLOCK: OFFICE OF ENGINEERING

APPROVED BY: Tracy L. Fogarty

PROJECT TITLE: STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: SITE 1-GREENWICH

DRAWING TITLE: FOR INFORMATION ONLY

PROJECT NO. 0170-3527

DRAWING NO. IMS-02

SHEET NO. 11.02

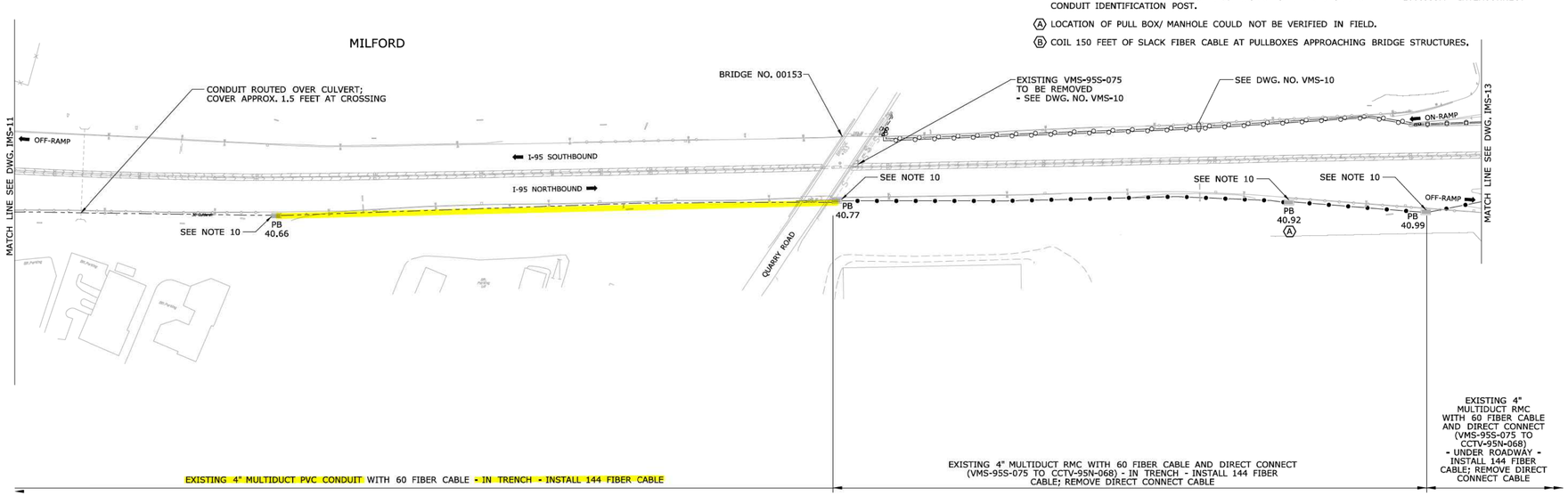
Site 7 Milford IMS

NOTES:

1. UNLESS OTHERWISE NOTED, LOCATIONS OF PULL BOXES AND MANHOLES WERE FIELD VERIFIED IN JULY 2015. THE LOCATIONS SHOWN ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE THESE IN THE FIELD PRIOR TO COMMENCEMENT OF WORK.
2. PROPOSED FIBER OPTIC CABLE SHALL BE INSTALLED IN SPARE INNERDUCT OF EXISTING 4-INCH MULTIDUCT CONDUIT BETWEEN EXISTING PULL BOXES, MANHOLES AND CONTROL CABINETS. CONTRACTOR SHALL MAINTAIN OPERATION OF EXISTING 48, 60 OR 72 FIBER OPTIC TRUNKLINE CABLE, DURING INSTALLATION OF NEW INFRASTRUCTURE. EXISTING FIBER OPTIC CABLE SHALL BE ABANDONED (REMAIN IN CONDUIT) AT COMPLETION OF WORK.
3. HANDHOLES, LIGHT POLES, PULL BOXES & MANHOLES FOR HIGHWAY LIGHTING NOT SHOWN.
4. SEE DRAWING NUMBER LEG-01 FOR LIST OF SYMBOLS AND LEGEND.
5. UNLESS OTHERWISE NOTED, EXISTING STRUCTURE FOUNDATIONS TO BE REMOVED SHALL BE DEMOLISHED 12" BELOW EXISTING GRADE AND LOAM AND SEEDED.
6. THE CONTRACTOR SHALL INSTALL A DETECTABLE PULL TAPE (NEPTCO PART NO. DP 1250) IN COMMON INNERDUCT WITH TRUNKLINE FIBER CABLE FOR FUTURE "CBYD" LOCATION OF FIBER OPTIC TRUNKLINE. THE INSTALLATION COST OF DETECTABLE PULL TAPE SHALL BE INCLUDED IN THE COST FOR FIBER OPTIC CABLE.
7. THE INSTALLATION OF FIBER OPTIC CABLE SHALL BE CONTINUOUS WITH NO INTERMITTENT SPLICES. FIBER OPTIC CABLE REELS SHALL BE A MINIMUM OF 10,000 FT. IN LENGTH OR AS APPROVED BY THE ENGINEER. REEL END SPLICES SHALL BE AT THE NEAREST CAMERA SITE. THE CONTRACTOR SHALL SUBMIT A PLAN THAT IDENTIFIES THE FIBER OPTIC CABLE INSTALLATION INCLUDING PULLING POINTS, LOCATIONS OF SLACK CABLE, AND REEL END SPLICE POINTS.
8. AT REEL END AND SPLICE LOCATIONS, A TOTAL OF 300 FT. OF SLACK CABLE SHALL BE LEFT IN THE MANHOLE/PULLBOX WITH CABLE RACKING HARDWARE; 150 FT. OF SLACK CABLE IN THE TRUNK NORTH OF THE SPLICE AND 150 FT. OF SLACK CABLE IN THE TRUNK SOUTH OF THE SPLICE.
9. THE EXISTING 4" MULTIDUCT FLEX CONDUIT INSTALLED BETWEEN THE PULLBOX AND THE BRIDGE STRUCTURE INCLUDES A FLEXIBLE SWEEP WHICH ALLOWS LATERAL RELOCATION OF THE CONDUIT IN THE EVENT OF FUTURE BRIDGE RECONSTRUCTION. REFER TO THE "FOR INFORMATION ONLY" DRAWINGS, "4 INCH RMC FLEXIBLE SWEEP DETAIL".
10. CONTRACTOR SHALL INSTALL IDENTIFACTION POST IN ADVANCE OF PULL BOXES, AS NOTED ON THE PLAN. REFER TO DETAILS ON DWG. NO. ID-05. WORK TO BE PAID UNDER ITEM #1008999A - INTERCONNECT CONDUIT IDENTIFICATION POST.

(A) LOCATION OF PULL BOX/ MANHOLE COULD NOT BE VERIFIED IN FIELD.

(B) COIL 150 FEET OF SLACK FIBER CABLE AT PULLBOXES APPROACHING BRIDGE STRUCTURES.



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: 4/21/2017

DESIGNER/DRAFTER: F. KHO
CHECKED BY: T. DALEY
SCALE IN FEET 0 100 200
SCALE 1"=100'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\JA CADD\PLAN SHT IMS-12.dgn

SIGNATURE/ BLOCK: Gannett Fleming, Inc. 333 Elm Street, Suite 215 Dedham, MA 02026

PROJECT TITLE: UPGRADE OF THE INCIDENT MANAGEMENT SYSTEM GREATER NEW HAVEN AREA

TOWN: MILFORD

DRAWING TITLE: IMS CONDUIT & FIBER OPTIC PLAN

PROJECT NO. 92-647
DRAWING NO. IMS-12
SHEET NO. 03.031

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: 6/30/2020

DESIGNER/DRAFTER: S. WASSMANN
CHECKED BY: J. MASSINI
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\TR_FIO_IMS_170_3527_SITE_7_ Milford.dgn

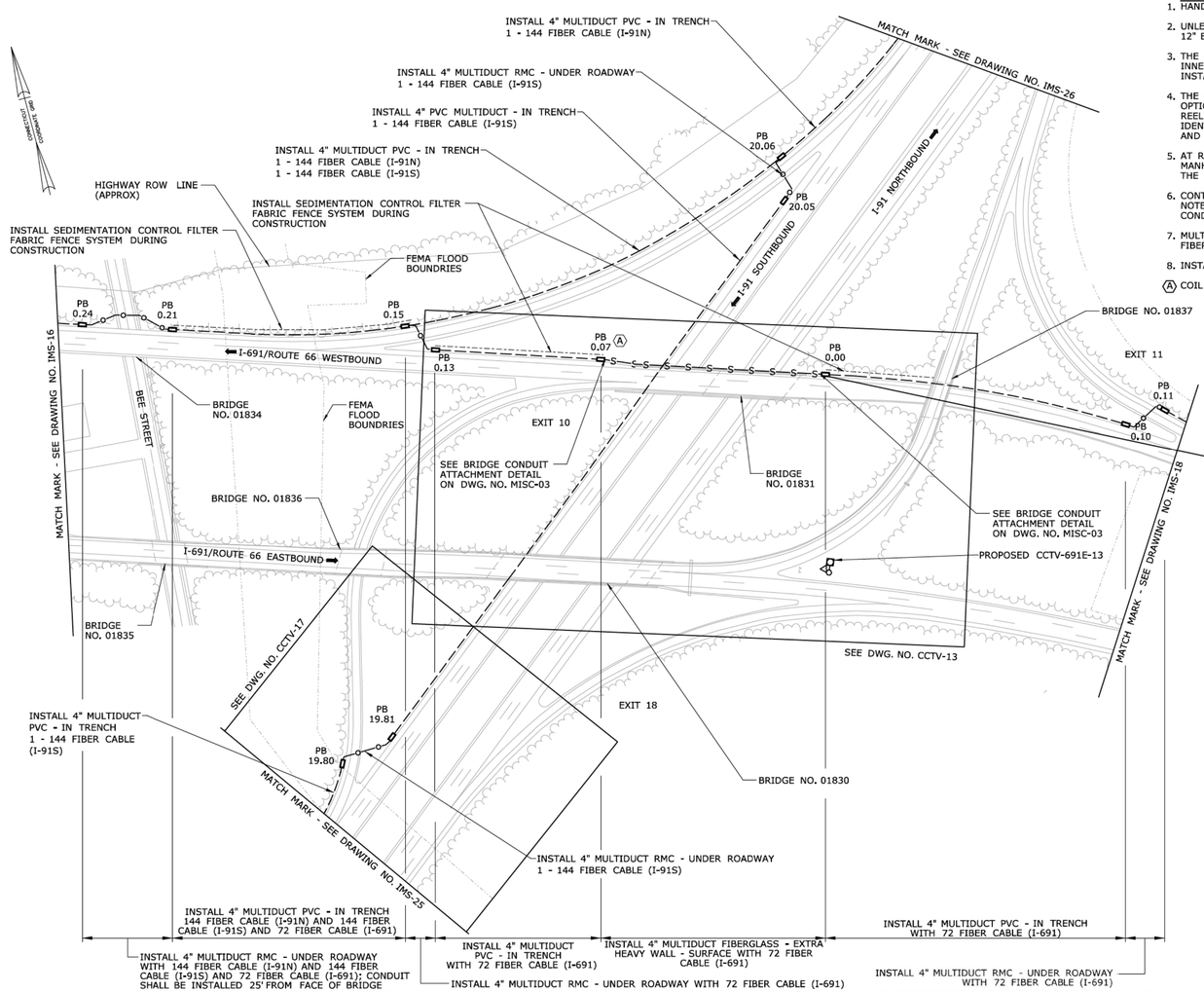
SIGNATURE/ BLOCK: OFFICE OF ENGINEERING
APPROVED BY: Tracy L. Fogarty

PROJECT TITLE: STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: SITE 7-MILFORD

DRAWING TITLE: FOR INFORMATION ONLY

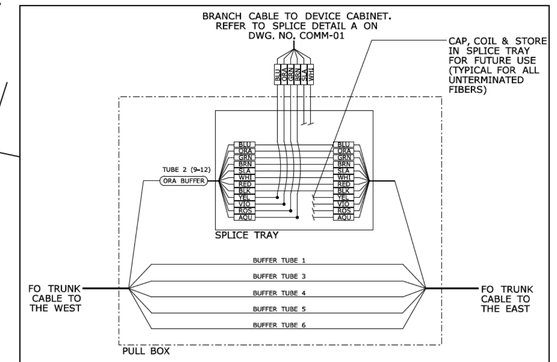
PROJECT NO. 0170-3527
DRAWING NO. IMS-03
SHEET NO. 11.03



NOTES:

1. HANDHOLES, LIGHT POLES, PULL BOXES & MANHOLES FOR HIGHWAY LIGHTING NOT SHOWN.
2. UNLESS OTHERWISE NOTED, EXISTING STRUCTURE FOUNDATIONS TO BE REMOVED SHALL BE DEMOLISHED 12" BELOW EXISTING GRADE AND LOAM AND SEEDED.
3. THE CONTRACTOR SHALL INSTALL A DETECTABLE PULL TAPE (NEPTCO PART NO. DP 1250) IN COMMON INNERDUCT WITH TRUNKLINE FIBER CABLE FOR FUTURE "CBYD" LOCATION OF FIBER OPTIC TRUNKLINE. THE INSTALLATION COST OF DETECTABLE PULL TAPE SHALL BE INCLUDED IN THE COST FOR FIBER OPTIC CABLE.
4. THE INSTALLATION OF FIBER OPTIC CABLE SHALL BE CONTINUOUS WITH NO INTERMITTENT SPLICES. FIBER OPTIC CABLE REELS SHALL BE A MINIMUM OF 10,000 FT. IN LENGTH OR AS APPROVED BY THE ENGINEER. REEL END SPLICES SHALL BE AT THE NEAREST CAMERA SITE. THE CONTRACTOR SHALL SUBMIT A PLAN THAT IDENTIFIES THE FIBER OPTIC CABLE INSTALLATION INCLUDING PULLING POINTS, LOCATIONS OF SLACK CABLE, AND REEL END SPLICE POINTS.
5. AT REEL END AND SPLICE LOCATIONS, A TOTAL OF 300 FT. OF SLACK CABLE SHALL BE LEFT IN THE MANHOLE/PULLBOX WITH CABLE RACKING HARDWARE; 150 FT. OF SLACK CABLE IN THE TRUNK EAST OF THE SPLICE AND 150 FT. OF SLACK CABLE IN THE TRUNK WEST OF THE SPLICE.
6. CONTRACTOR SHALL INSTALL IDENTIFICATION POST IN ADVANCE OF PULL BOXES, UNLESS OTHERWISE NOTED ON THE PLANS. REFER TO DETAILS ON DWG. NO. ID-05. WORK TO BE PAID UNDER MULTIDUCT CONDUIT ITEMS.
7. MULTIDUCT CONDUIT SHALL BE INSTALLED PERPENDICULAR TO END WALL OF THE PULLBOX TO FACILITATE FIBER OPTIC CABLE PULLING.
8. INSTALL 50 FEET OF SLACK FIBER AT ALL PULLBOXES UNLESS OTHERWISE NOTED.

(A) COIL 150 FEET OF SLACK FIBER CABLE AT PULLBOXES APPROACHING BRIDGE STRUCTURES.



PROPOSED CCTV-691E-13
RING SPLICE DETAIL - PB 0.00

SYMBOL	AUX DETECTOR CONN CABINET	AUX DETECTOR TERM CABINET	CCTV CAMERA	CAST IRON JUNCTION BOX	TRAFFIC FLOW MONITOR	HANDHOLE	CCTV/VMS MINIHUB	PULLBOX	SERVICE CABINET	STEEL POLE	UTILITY POLE	VMS ON CANTILEVER	VMS ON SIDE MOUNT	PORTABLE VMS	PVC	RMC IN TRENCH	RMC SURFACE	AERIAL FIBER OPTIC CABLE
PROPOSED																		
EXISTING																		

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: 7/26/2018

DESIGNER/DRAFTER: S. BRUNNER
CHECKED BY: T. DALEY
SCALE IN FEET 0 120 240
SCALE: 1"=120'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SIGNATURE/BLOCK: Gannett Fleming, Inc. 333 Elm Street, Suite 215 Dedham, MA 02026

Filename: ...\HW_MSH_0171_0413_IMS-17.dgn

PROJECT TITLE:
INCIDENT MANAGEMENT SYSTEM INSTALLATIONS ALONG I-91 AND I-691

TOWN: MERIDEN
DRAWING TITLE: IMS CONDUIT AND FIBER OPTIC CABLE PLAN

PROJECT NO. 171-414
DRAWING NO. IMS-17
SHEET NO. 03.039

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: 6/30/2020

DESIGNER/DRAFTER: S. WASSMANN
CHECKED BY: J. MASSINI
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

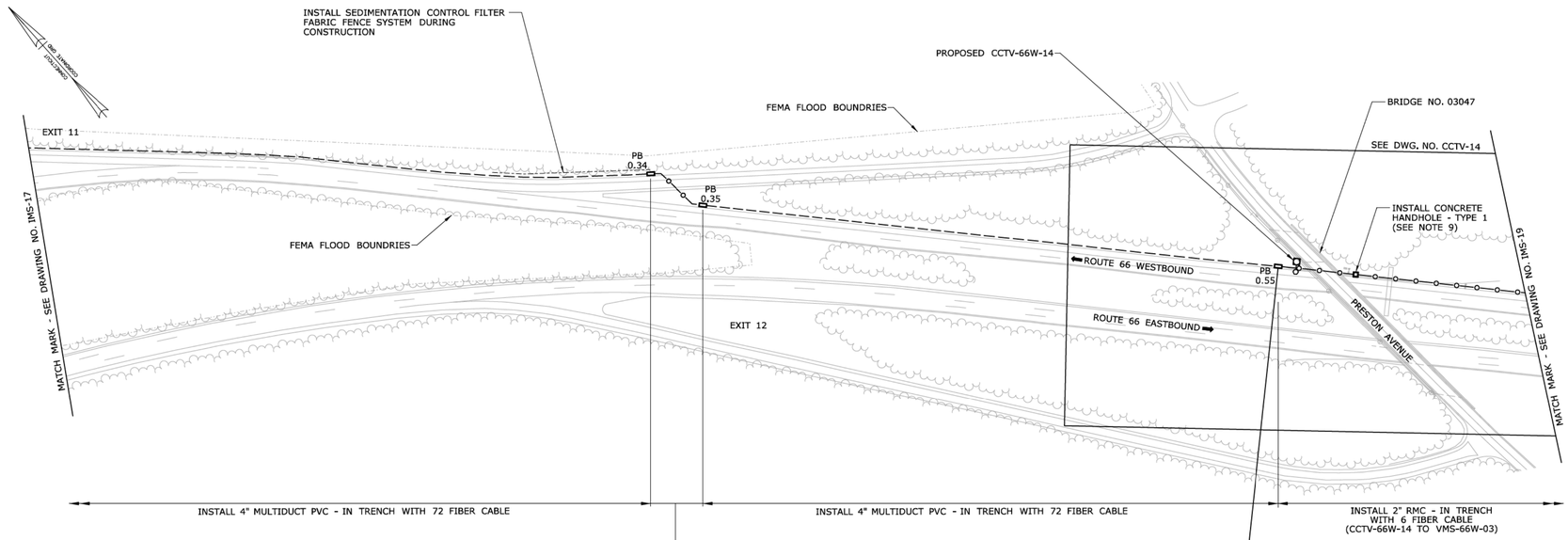
Filename: ...\TR_FIO_IMS_170_3527_SITE_12_ Meriden.dgn

SIGNATURE/BLOCK:
OFFICE OF ENGINEERING
APPROVED BY: Tracy L. Fogarty

PROJECT TITLE:
STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: SITE 12-MERIDEN
DRAWING TITLE: FOR INFORMATION ONLY

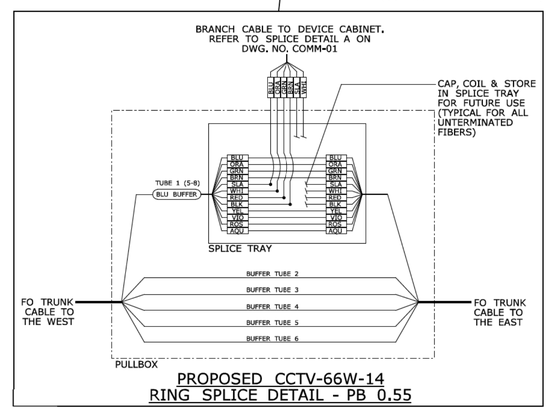
PROJECT NO. 0170-3527
DRAWING NO. IMS-04
SHEET NO. 11.04



NOTES:

1. HANDHOLES, LIGHT POLES, PULL BOXES & MANHOLES FOR HIGHWAY LIGHTING NOT SHOWN.
2. UNLESS OTHERWISE NOTED, EXISTING STRUCTURE FOUNDATIONS TO BE REMOVED SHALL BE DEMOLISHED 12" BELOW EXISTING GRADE AND LOAM AND SEEDED.
3. THE CONTRACTOR SHALL INSTALL A DETECTABLE PULL TAPE (NEPTCO PART NO. DP 1250) IN COMMON INNERDUCT WITH TRUNKLINE FIBER CABLE FOR FUTURE "CBYD" LOCATION OF FIBER OPTIC TRUNKLINE. THE INSTALLATION COST OF DETECTABLE PULL TAPE SHALL BE INCLUDED IN THE COST FOR FIBER OPTIC CABLE.
4. THE INSTALLATION OF FIBER OPTIC CABLE SHALL BE CONTINUOUS WITH NO INTERMITTENT SPLICES. FIBER OPTIC CABLE REELS SHALL BE A MINIMUM OF 10,000 FT. IN LENGTH OR AS APPROVED BY THE ENGINEER. REEL END SPLICES SHALL BE AT THE NEAREST CAMERA SITE. THE CONTRACTOR SHALL SUBMIT A PLAN THAT IDENTIFIES THE FIBER OPTIC CABLE INSTALLATION INCLUDING PULLING POINTS, LOCATIONS OF SLACK CABLE, AND REEL END SPLICE POINTS.
5. AT REEL END AND SPLICE LOCATIONS, A TOTAL OF 300 FT. OF SLACK CABLE SHALL BE LEFT IN THE MANHOLE/PULLBOX WITH CABLE RACKING HARDWARE; 150 FT. OF SLACK CABLE IN THE TRUNK EAST OF THE SPLICE AND 150 FT. OF SLACK CABLE IN THE TRUNK WEST OF THE SPLICE.
6. CONTRACTOR SHALL INSTALL IDENTIFICATION POST IN ADVANCE OF PULL BOXES, UNLESS OTHERWISE NOTED ON THE PLANS. REFER TO DETAILS ON DWG. NO. ID-05. WORK TO BE PAID UNDER MULTIDUCT CONDUIT ITEMS.
7. MULTIDUCT CONDUIT SHALL BE INSTALLED PERPENDICULAR TO END WALL OF THE PULLBOX TO FACILITATE FIBER OPTIC CABLE PULLING.
8. INSTALL 50 FEET OF SLACK FIBER AT ALL PULLBOXES UNLESS OTHERWISE NOTED.
9. INSTALL 15 FEET OF SLACK FIBER AT ALL HANDHOLES UNLESS OTHERWISE NOTED.

(A) COIL 150 FEET OF SLACK FIBER CABLE AT PULLBOXES APPROACHING BRIDGE STRUCTURES.



PROPOSED CCTV-66W-14
RING SPLICE DETAIL - PB 0.55

SYMBOL	AUX DETECTOR CONN CABINET	AUX DETECTOR TERM CABINET	CCTV CAMERA	CAST IRON JUNCTION BOX	TRAFFIC FLOW MONITOR	HANDHOLE	CCTV/VMS MINIHUB	PULLBOX	SERVICE CABINET	STEEL POLE	UTILITY POLE	VMS ON CANTILEVER	VMS ON SIDE MOUNT	PORTABLE VMS	PVC	RMC IN TRENCH	RMC SURFACE	AERIAL FIBER OPTIC CABLE
PROPOSED																	S S	A A
EXISTING																	S S	A A

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: 7/26/2018

DESIGNER/DRAFTER: S. BRUNNER
CHECKED BY: T. DALEY
SCALE IN FEET 0 80 160
SCALE 1"=80'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0171_0413_IMS-18.dgn

SIGNATURE/BLOCK: Gannett Fleming, Inc. 333 Elm Street, Suite 215 Dedham, MA 01026

PROJECT TITLE: INCIDENT MANAGEMENT SYSTEM INSTALLATIONS ALONG I-91 AND I-691

TOWN: MERIDEN

DRAWING TITLE: IMS CONDUIT AND FIBER OPTIC CABLE PLAN

PROJECT NO. 171-414
DRAWING NO. IMS-18
SHEET NO. 03.040

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: 6/30/2020

DESIGNER/DRAFTER: S. WASSMANN
CHECKED BY: J. MASSINI
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\TR_FIO_IMS_170_3527_SITE_13_ Meriden.dgn

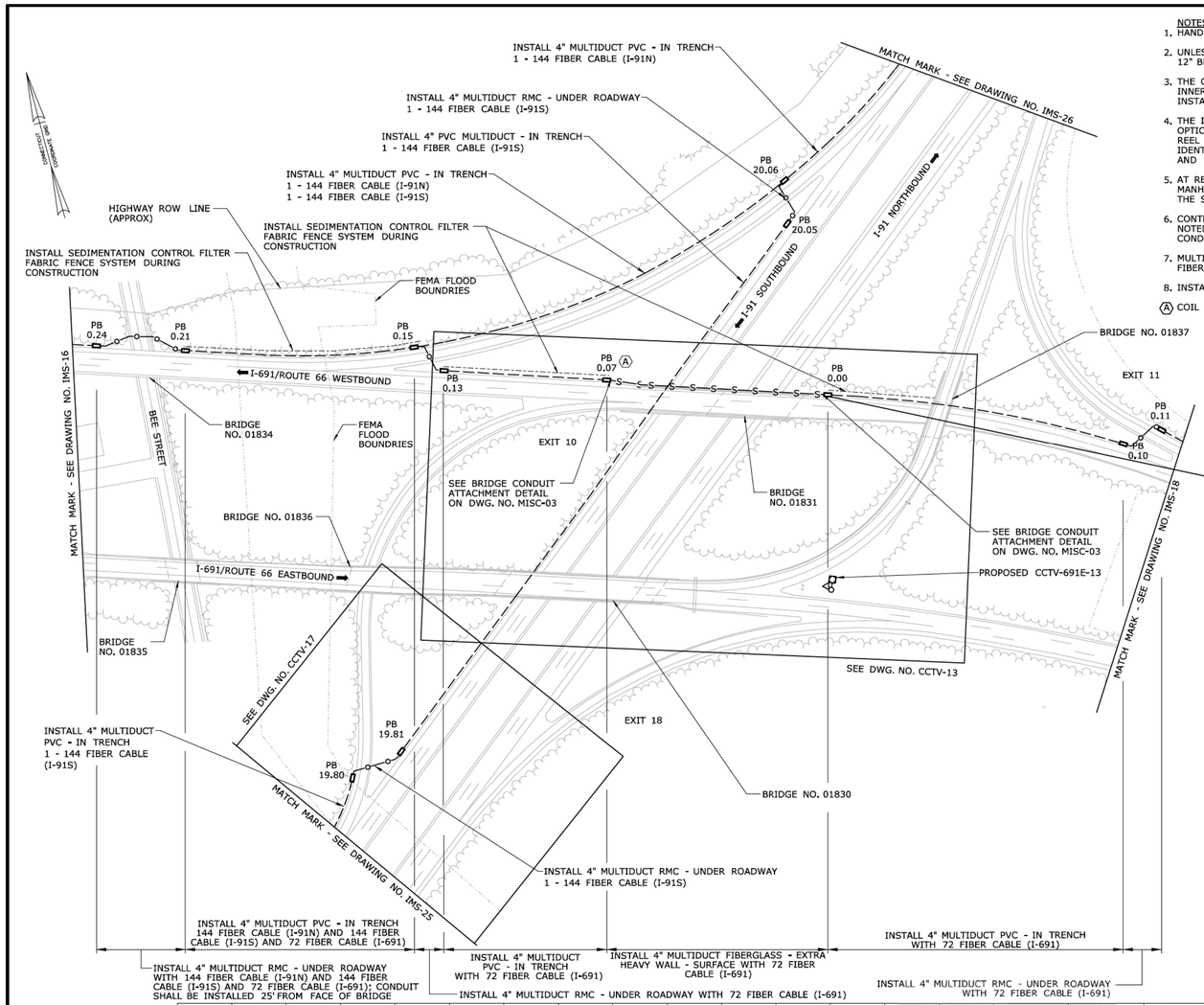
SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY: Tracy L. Fogarty

PROJECT TITLE: STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: SITE 13-MERIDEN

DRAWING TITLE: FOR INFORMATION ONLY

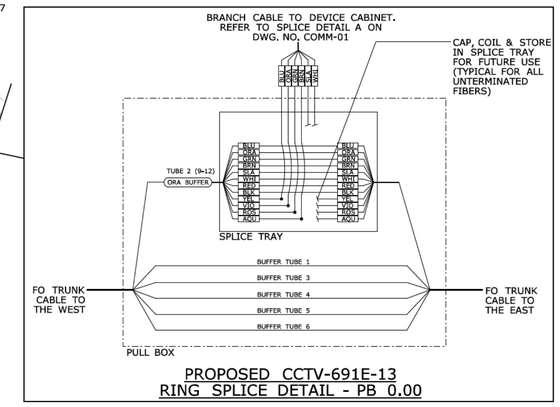
PROJECT NO. 0170-3527
DRAWING NO. IMS-05
SHEET NO. 11.05



NOTES:

1. HANDHOLES, LIGHT POLES, PULL BOXES & MANHOLES FOR HIGHWAY LIGHTING NOT SHOWN.
2. UNLESS OTHERWISE NOTED, EXISTING STRUCTURE FOUNDATIONS TO BE REMOVED SHALL BE DEMOLISHED 12" BELOW EXISTING GRADE AND LOAM AND SEEDED.
3. THE CONTRACTOR SHALL INSTALL A DETECTABLE PULL TAPE (NEPTCO PART NO. DP 1250) IN COMMON INNERDUCT WITH TRUNKLINE FIBER CABLE FOR FUTURE "CBYD" LOCATION OF FIBER OPTIC TRUNKLINE. THE INSTALLATION COST OF DETECTABLE PULL TAPE SHALL BE INCLUDED IN THE COST FOR FIBER OPTIC CABLE.
4. THE INSTALLATION OF FIBER OPTIC CABLE SHALL BE CONTINUOUS WITH NO INTERMITTENT SPLICES. FIBER OPTIC CABLE REELS SHALL BE A MINIMUM OF 10,000 FT. IN LENGTH OR AS APPROVED BY THE ENGINEER. REEL END SPLICES SHALL BE AT THE NEAREST CAMERA SITE. THE CONTRACTOR SHALL SUBMIT A PLAN THAT IDENTIFIES THE FIBER OPTIC CABLE INSTALLATION INCLUDING PULLING POINTS, LOCATIONS OF SLACK CABLE, AND REEL END SPLICE POINTS.
5. AT REEL END AND SPLICE LOCATIONS, A TOTAL OF 300 FT. OF SLACK CABLE SHALL BE LEFT IN THE MANHOLE/PULLBOX WITH CABLE RACKING HARDWARE; 150 FT. OF SLACK CABLE IN THE TRUNK EAST OF THE SPLICE AND 150 FT. OF SLACK CABLE IN THE TRUNK WEST OF THE SPLICE.
6. CONTRACTOR SHALL INSTALL IDENTIFICATION POST IN ADVANCE OF PULL BOXES, UNLESS OTHERWISE NOTED ON THE PLANS. REFER TO DETAILS ON DWG. NO. ID-05. WORK TO BE PAID UNDER MULTIDUCT CONDUIT ITEMS.
7. MULTIDUCT CONDUIT SHALL BE INSTALLED PERPENDICULAR TO END WALL OF THE PULLBOX TO FACILITATE FIBER OPTIC CABLE PULLING.
8. INSTALL 50 FEET OF SLACK FIBER AT ALL PULLBOXES UNLESS OTHERWISE NOTED.

(A) COIL 150 FEET OF SLACK FIBER CABLE AT PULLBOXES APPROACHING BRIDGE STRUCTURES.



PROPOSED CCTV-691E-13
RING SPLICE DETAIL - PB 0.00

SYMBOL	AUX DETECTOR CONN CABINET	AUX DETECTOR TERM CABINET	CCTV CAMERA	CAST IRON JUNCTION BOX	TRAFFIC FLOW MONITOR	HANDHOLE	CCTV/VMS MINIHUB	PULLBOX	SERVICE CABINET	STEEL POLE	UTILITY POLE	VMS ON CANTILEVER	VMS ON SIDE MOUNT	PORTABLE VMS	PVC	RMC IN TRENCH	RMC SURFACE	AERIAL FIBER OPTIC CABLE
PROPOSED																		
EXISTING																		

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: 7/26/2018

DESIGNER/DRAFTER: S. BRUNNER
CHECKED BY: T. DALEY
SCALE IN FEET 0 100 200
SCALE: 1"=100'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_0171_0413_IMS-17.dgn

SIGNATURE/BLOCK: Gannett Fleming, Inc. 333 Elm Street, Suite 215 Dedham, MA 02026

PROJECT TITLE: INCIDENT MANAGEMENT SYSTEM INSTALLATIONS ALONG I-91 AND I-691

TOWN: MERIDEN

DRAWING TITLE: IMS CONDUIT AND FIBER OPTIC CABLE PLAN

PROJECT NO. 171-414
DRAWING NO. IMS-17
SHEET NO. 03.039

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: 6/30/2020

DESIGNER/DRAFTER: S. WASSMANN
CHECKED BY: J. MASSINI
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\TR_FIO_IMS_170_3527_SITE_14_Meriden.dgn

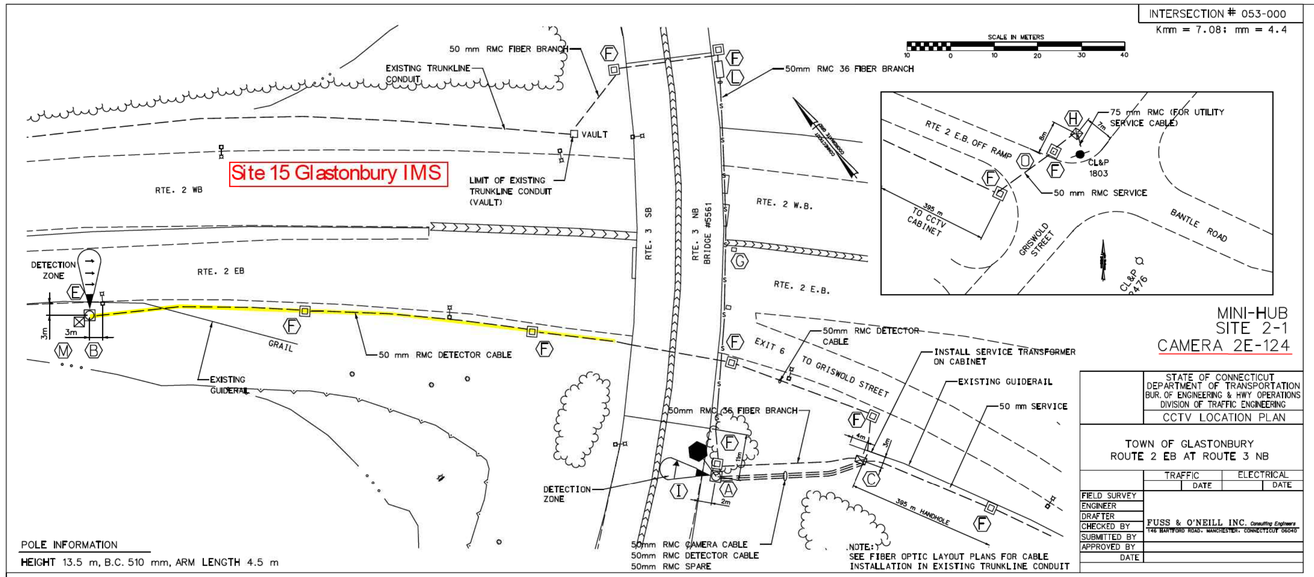
SIGNATURE/BLOCK: OFFICE OF ENGINEERING
APPROVED BY: Tracy L. Fogarty

PROJECT TITLE: STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: SITE 14-MERIDEN

DRAWING TITLE: FOR INFORMATION ONLY

PROJECT NO. 0170-3527
DRAWING NO. IMS-06
SHEET NO. 11.06



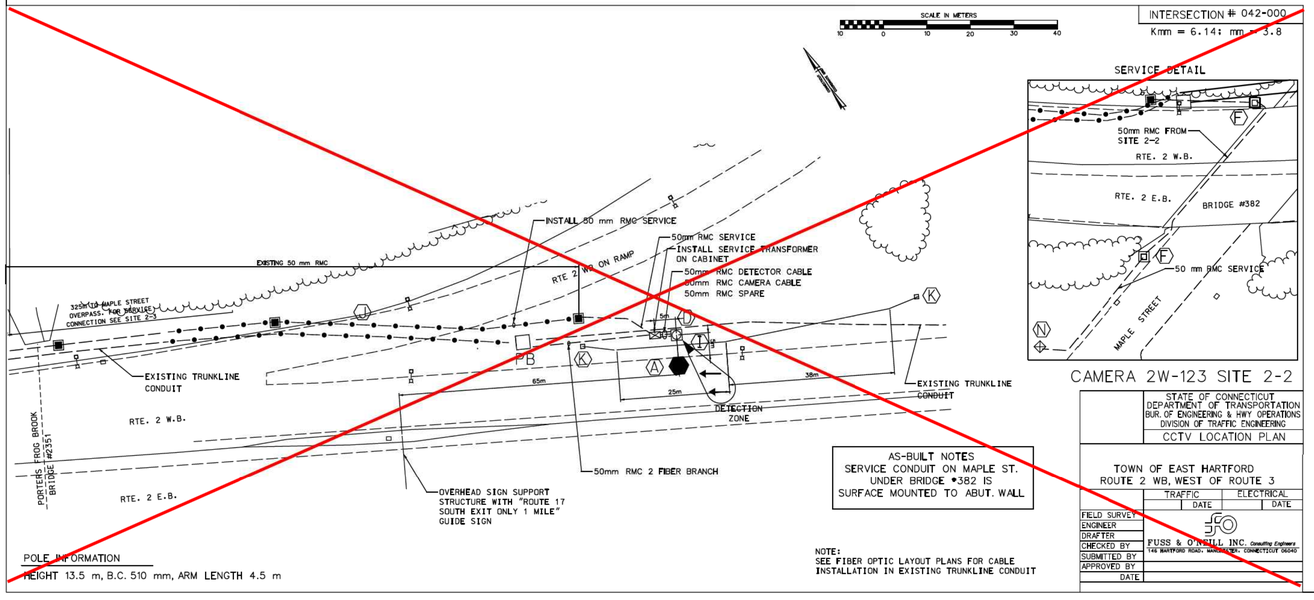
STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION
BUR. OF ENGINEERING & HWY OPERATIONS
DIVISION OF TRAFFIC ENGINEERING

CCTV LOCATION PLAN

TOWN OF GLASTONBURY
ROUTE 2 EB AT ROUTE 3 NB

	TRAFFIC		ELECTRICAL	
		DATE		DATE
FIELD SURVEY				
ENGINEER				
DRAFTER				
CHECKED BY				
SUBMITTED BY				
APPROVED BY				
DATE				

FUSS & O'NEILL, INC. Consulting Engineers
146 HARTFORD ROAD, MANCHESTER, CONNECTICUT 06040



AS-BUILT NOTES
SERVICE CONDUIT ON MAPLE ST. UNDER BRIDGE #382 IS SURFACE MOUNTED TO ABUT. WALL

NOTE:
SEE FIBER OPTIC LAYOUT PLANS FOR CABLE INSTALLATION IN EXISTING TRUNKLINE CONDUIT

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

CCTV LOCATION PLAN

TOWN OF EAST HARTFORD
ROUTE 2 WB, WEST OF ROUTE 3

	TRAFFIC		ELECTRICAL	
		DATE		DATE
FIELD SURVEY				
ENGINEER				
DRAFTER				
CHECKED BY				
SUBMITTED BY				
APPROVED BY				
DATE				

FUSS & O'NEILL, INC. Consulting Engineers
146 HARTFORD ROAD, MANCHESTER, CONNECTICUT 06040

CONSTRUCTION NOTES

(A) INSTALL 13.5m CCTV POLE WITH 4.5 m BRACKET AND CCTV DOME UNIT, ON TYPE B FOUNDATION.

(B) INSTALL 9 m DETECTOR POLE ON TYPE A FOUNDATION.

(C) INSTALL CCTV CONTROLLER FOUNDATION. FRONT EDGE OF FOUNDATION TO BE PARALLEL TO HIGHWAY. INSTALL 900mm CONCRETE PAD ADJACENT TO FRONT DOOR OF CABINET. INSTALL CCTV CONTROL CABINET (MINI-HUB). INSTALL SPARE CONDUIT SWEEPS TO FIELD SIDE OF CONTROLLER FOUNDATION.

(D) INSTALL CCTV CONTROLLER FOUNDATION. FRONT EDGE OF FOUNDATION TO BE PARALEL TO HIGHWAY. INSTALL 900 mm CONCRETE PAD ADJACENT TO FRONT DOOR OF CABINET. INSTALL SERVICE CONTROLLER CABINET SWEEP TO FIELD SIDE OF CONTROLLER FOUNDATION.

(E) INSTALL TRAFFIC FLOW MONITOR ON DETECTOR POLE 5.5m ABOVE ROADWAY

(F) INSTALL TYPE II HANDHOLES WITH MAXIMUM 50m SPACING.

(G) SURFACE MOUNTED CONDUIT.

(H) INSTALL SERVICE CABINET, PEDESTAL, AND FOUNDATION WITH METERED SERVICE.

(I) INSTALL TRAFFIC FLOW MONITOR ON CAMERA POLE 4.6m ABOVE ROADWAY (SITE 2-1) 5.5m ABOVE ROADWAY (SITE 2-2).

(J) INSTALL SERVICE CABLE INSIDE OF EXISTING 50 mm RMC BRANCH CONDUIT.

(K) INSTALL METAL BEAM RAIL R-B TYPE 350 WITH END ANCHORAGES.

(L) INSTALL 300mm X 300mm CAST IRON JUNCTION BOX ON ABUTMENT PARAPET WALL.

(M) INSTALL AUXILIARY DETECTOR CONNECTION CABINET ON DETECTION POLE.

(N) SERVICE CABINET INSTALLED FOR SITE 2-3.

(O) INSTALL CONDUIT UNDER ROADWAY.

UTILITY REPRESENTATIVE - EAST HARTFORD:

CL&P HARTFORD DISTRICT
410 SHELDON STREET
HARTFORD, CT. 06106
REP: JOHN FLANIGAN 860-280-2450

GLASTONBURY:

CL&P MIDDLETOWN DISTRICT
49 RANDOLPH RD.
MIDDLETOWN, CT 06457
REP: JOHN RUSSO 860-638-2246

UTILITY COMPANY TO INSTALL SERVICE CABLE BETWEEN METER SOCKET AND SERVICE SOURCE, INSIDE CONDUIT INSTALLED BY PROJECT CONTRACTOR.

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

AS-BUILT

RT2-1-2.DGN

CCTV/TFM LOCATION PLAN

F.H.W.A. REGION NO.	STATE	TOWN	FED. AID PROJ. NO.	PROJ. NO	YEAR	ROUTE NO.	SHEET NO.
1	CONN.	VARIOUS	CM-000R(42)	63-548	1999	RTE 2	73

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: 6/30/2020

DESIGNER/DRAFTER: S. WASSMANN
CHECKED BY: J. MASSINI

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\TR_FIO_IMS_170_3527_SITE_15_Glastonbury.dgn

SIGNATURE/ BLOCK: OFFICE OF ENGINEERING

APPROVED BY: Tracy L. Fogarty

PROJECT TITLE: STATEWIDE REPLACEMENT OF OVERHEAD SIGN SUPPORTS ON VARIOUS ROUTES

TOWN: SITE 15-GLASTONBURY

DRAWING TITLE: FOR INFORMATION ONLY

PROJECT NO. 0170-3527

DRAWING NO. IMS-07

SHEET NO. 11.07