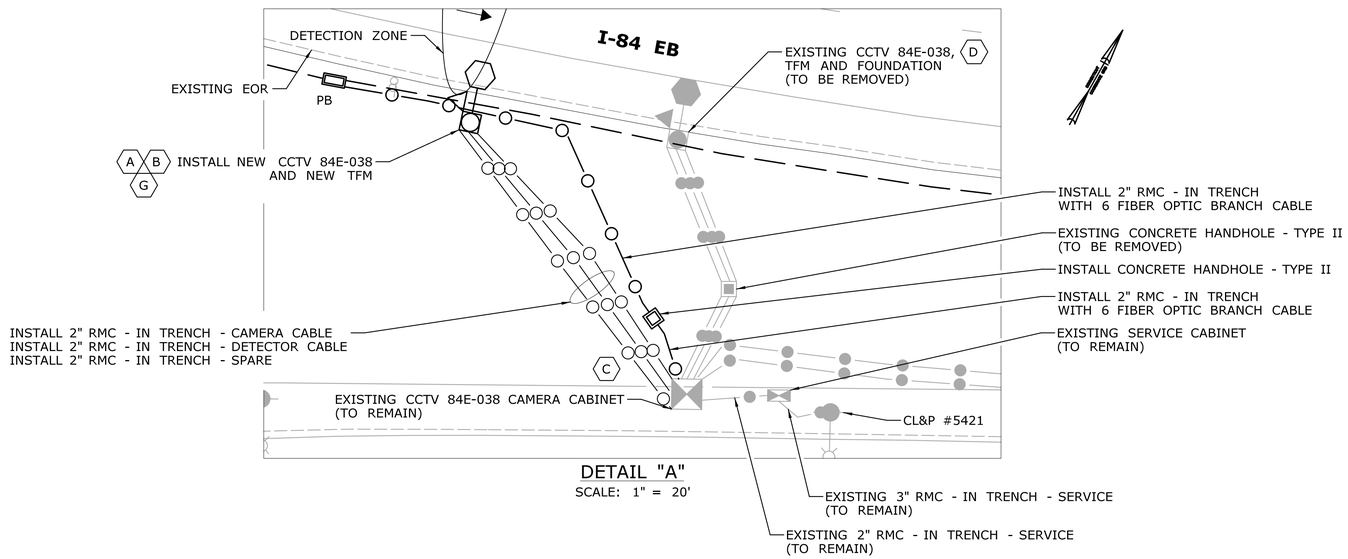
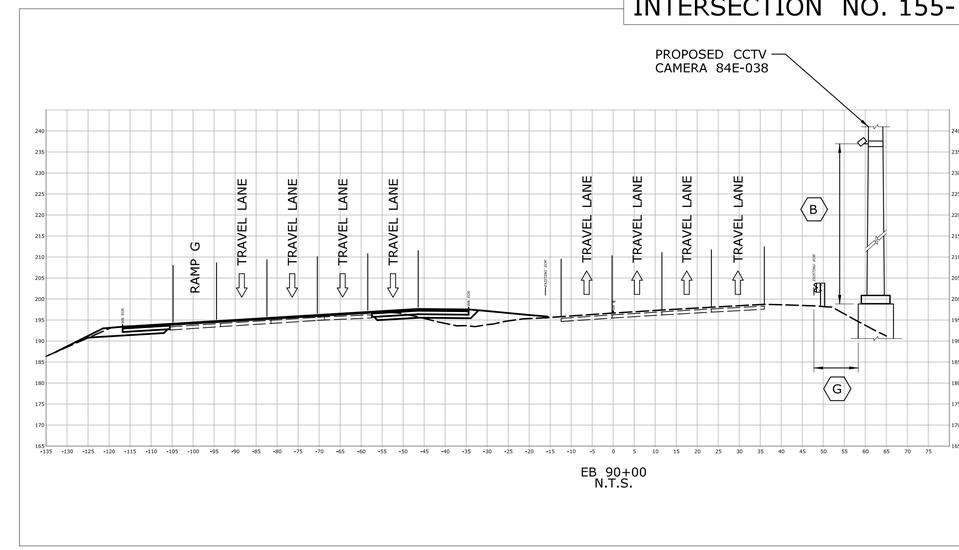


DETAIL "A"
SCALE: 1" = 20'



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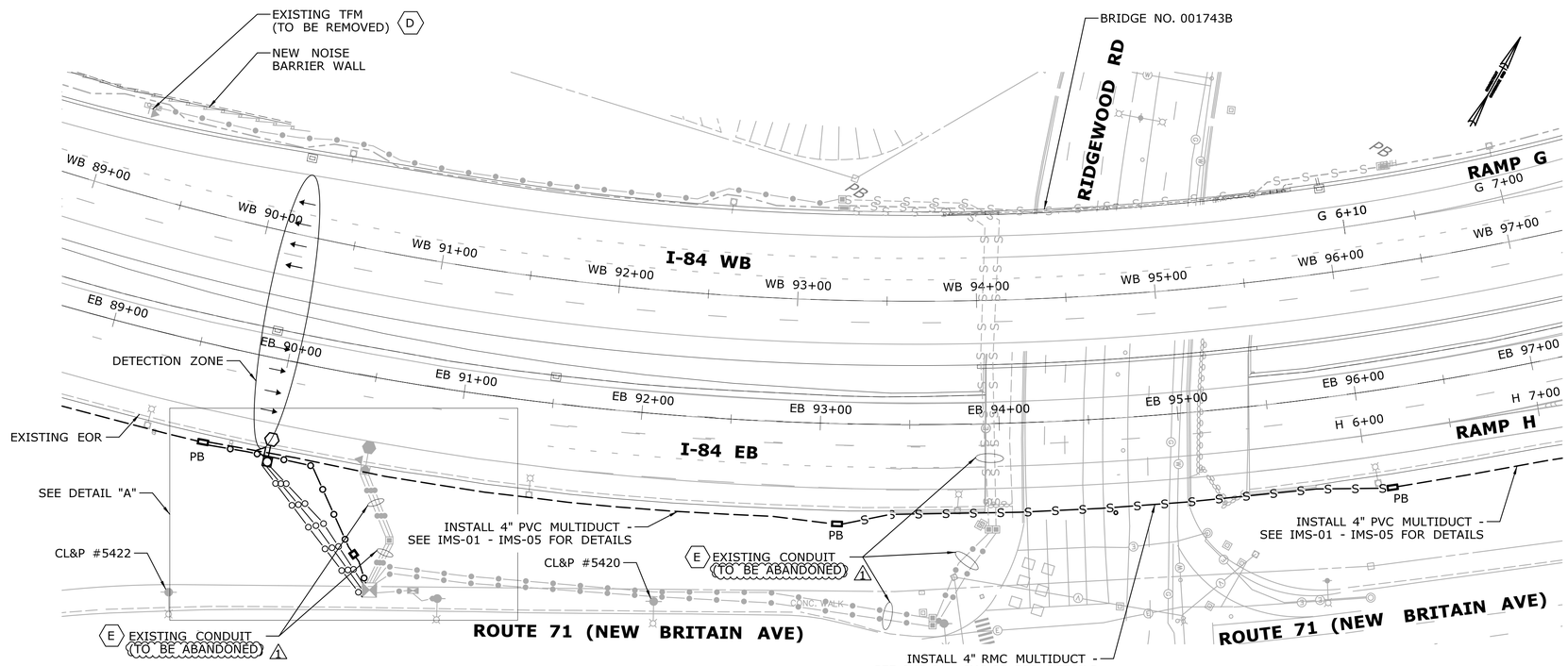


SYMBOL	AUX DETECTOR CONN CABINET	AUX DETECTOR TERM CABINET	CCTV CAMERA	CAST IRON JUNCTION BOX	TRAFFIC FLOW MONITOR	TYPE II HANDHOLE	SERVICE CABINET	PULLBOX	CAMERA CABINET	STEEL POLE	UTILITY POLE	VMS ON CANTILEVER	PVC	RMC	RMC/FIBERGLASS SURFACE
PROPOSED															
EXISTING															

SITE 84E-038
SCALE: 1" = 40'

CONSTRUCTION NOTES:

ALL EQUIPMENT IS EXISTING, EXCEPT AS NOTED.

ALL UTILITIES SHOWN ARE APPROXIMATE. EXACT LOCATIONS OF ALL UTILITIES TO BE LOCATED AND VERIFIED PRIOR TO START OF WORK.

SEE IMS-01 TO IMS-05 FOR TRUNKLINE DETAILS.

THE CONTRACTOR SHALL MAINTAIN OPERATION OF CAMERA (CCTV) 84E-038 AT ALL TIMES.

THE CONTRACTOR SHALL CONTACT ROBERT KENNEDY, CONNDOT HIGHWAY OPERATIONS AT LEAST 48 HOURS PRIOR TO THE REMOVAL AND RELOCATION OF THE CONDUIT RUN FOR CCTV 84E-038.

TRAFFIC FLOW MONITOR SYSTEM SHALL NOT BE INOPERABLE FOR MORE THAN ONE (1) WEEK.

A. INSTALL CAMERA ASSEMBLY AND CAMERA LOWERING DEVICE - TYPE B ON TRAFFIC CONTROL FOUNDATION - SPAN POLE TYPE C.

B. INSTALL TWO TRAFFIC FLOW MONITORS ON CAMERA POLE TO COVER BOTH DIRECTIONS OF TRAVEL. THE CONTRACTOR SHALL FOLLOW MANUFACTURERS INSTALLATION REQUIREMENTS FOR DETERMINING TFM MOUNTING HEIGHT BASED ON THE SETBACK FROM THE FIRST LANE OF TRAVEL.

C. THE CONTRACTOR SHALL BE PERMITTED TO REMOVE THE ELECTRICAL SERVICE AND FIBER OPTIC CABLE FOR CCTV 84E-038 FOR A PERIOD NOT MORE THAN ONE (1) WORK DAY WHILE CONDUIT CONNECTION AND CABLE INSTALLATIONS ARE RELOCATED.

D. EXISTING TRAFFIC FLOW MONITOR (TFM) AND POLE SHALL BE REMOVED AND SALVAGED. TFM SHALL NOT BE REMOVED UNTIL NEW TFM LOCATED ON CAMERA 84E-038 POLE IS INSTALLED, APPROVED BY THE ENGINEER AND ACCEPTED. SEE ITEM NO. 1113814A.

E. EXISTING CABLE TO BE REMOVED ONLY AFTER NEW CCTV CAMERA POLE AND FOUNDATION, CAMERA, AND TFM ARE INSTALLED, ACCEPTED AND IN SERVICE. SEE ITEM NO. 1014901A.

G. CCTV POLE SHALL BE LOCATED 8' FROM GUIDERAIL. DISTANCE MEASURED FROM FACE OF GUIDERAIL TO FACE OF CONCRETE FOUNDATION.

LEGEND

100YR — FEMA 100 YEAR FLOODPLAIN

INLAND WETLANDS APPROX. LOCATION

Michael Dion
2019.12.05
08:16:44-05'00'

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12-03-19	ADDENDUM NO. 2	09.07

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: 12/5/2019

DESIGNER/DRAFTER: MS/DG
CHECKED BY: MD
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_155-171_CCTV-01-A2.dgn

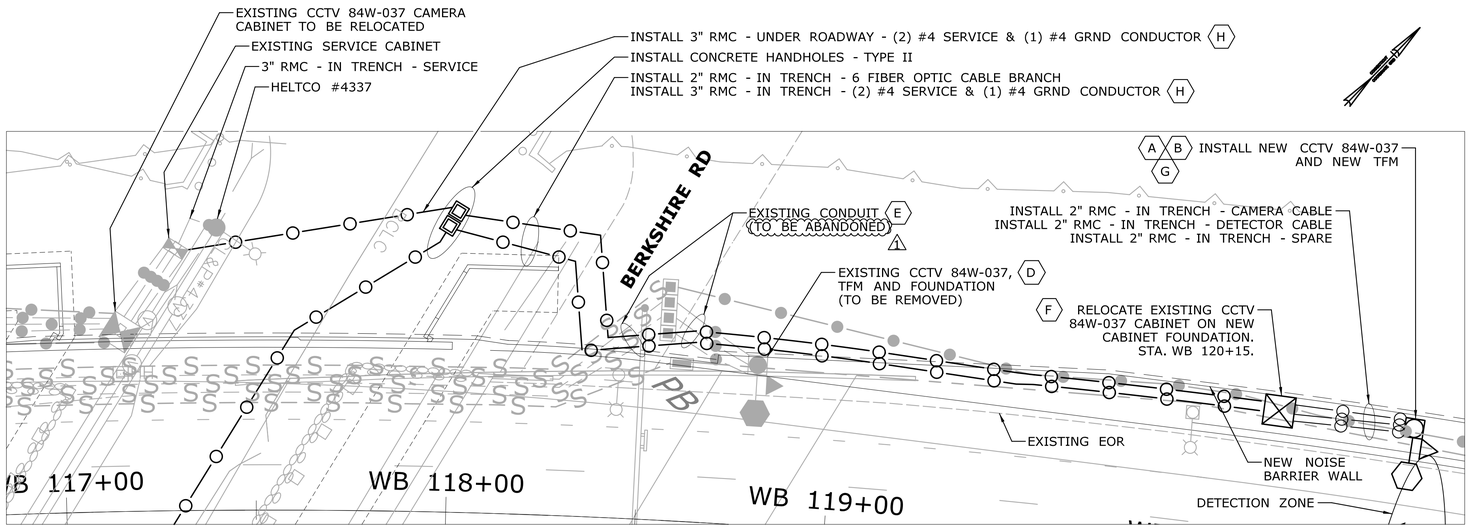
SIGNATURE/BLOCK:

PROJECT TITLE:
SAFETY AND OPERATIONAL IMPROVEMENTS ON I-84

TOWN: **WEST HARTFORD**

DRAWING TITLE: **CCTV SITE PLAN 84E-038**

PROJECT NO. **155-171**
DRAWING NO. **CCTV-01**
SHEET NO. **09.07.A2**



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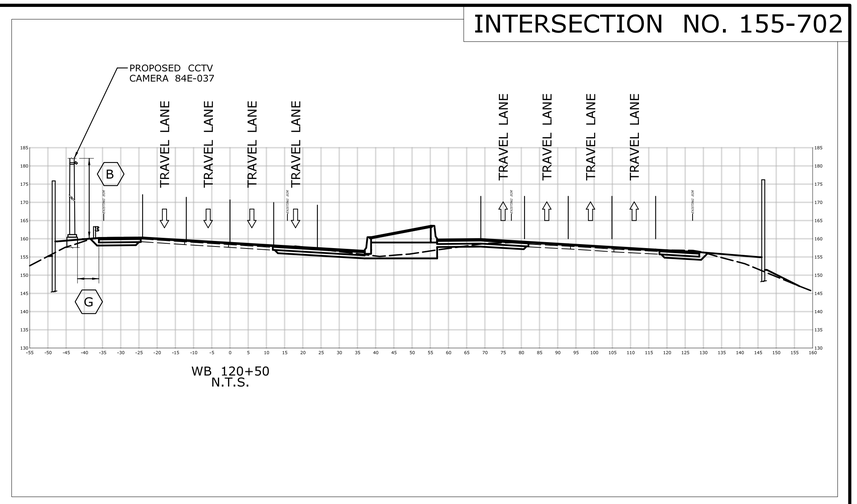
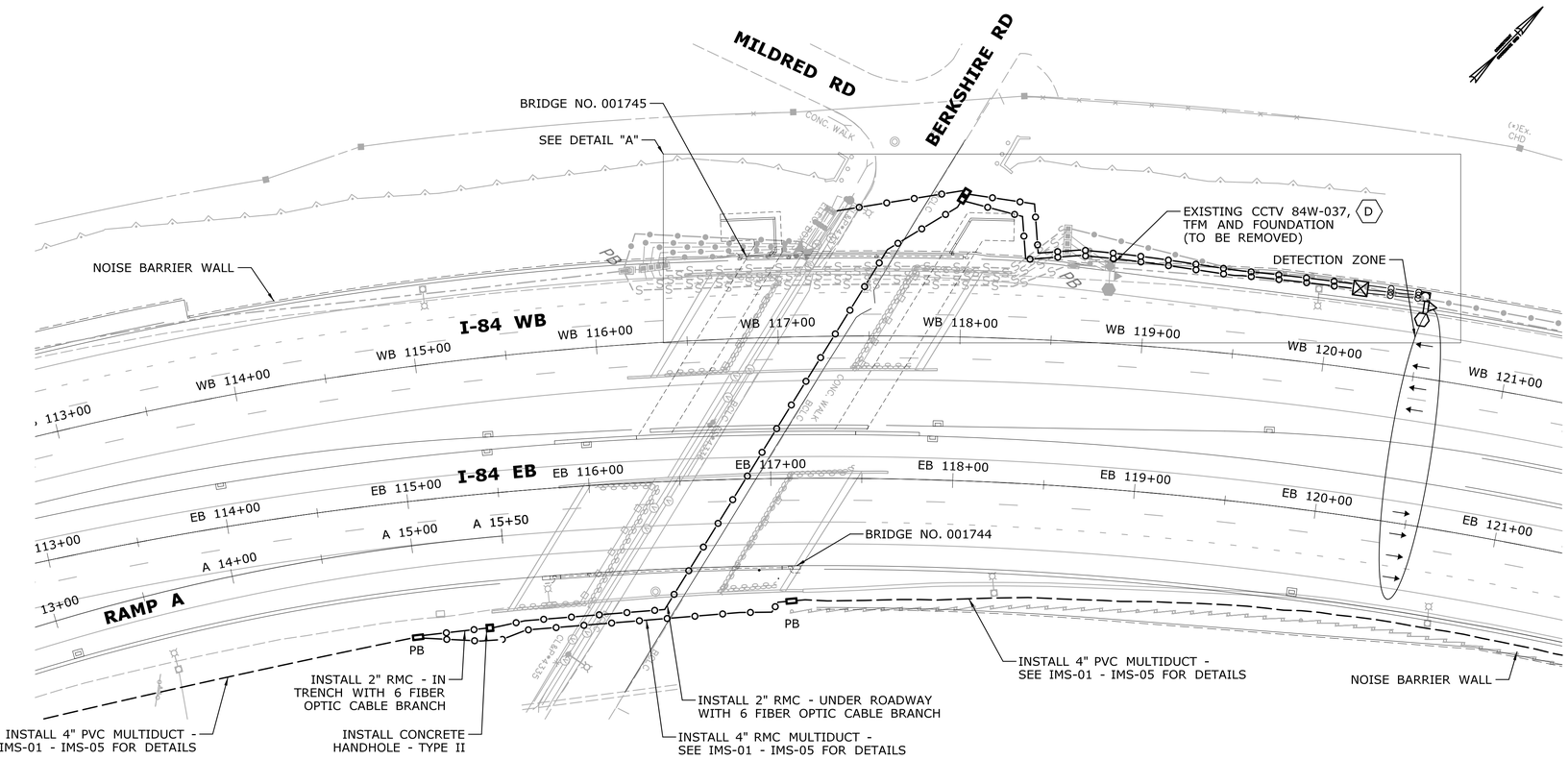
SCALE: 1" = 20'





SYMBOL	AUX DETECTOR CONN CABINET	AUX DETECTOR TERM CABINET	CCTV CAMERA	CAST IRON JUNCTION BOX	TRAFFIC FLOW MONITOR	TYPE II HANDHOLE	SERVICE CABINET	PULLBOX	CAMERA CABINET	STEEL POLE	UTILITY POLE	VMS ON CANTILEVER	PVC	RMC	RMC/FIBERGLASS SURFACE
PROPOSED	⊠	◪	-O	▭	▽	◘	⊠	▭	⊠	◻	⊕	O—	— — — —	—O—O—	—S—S—
EXISTING	⊠	◪	-O	▭	▽	◘	⊠	▭	⊠	◻	⊕	O—	— — — —	—O—O—	—S—S—

SITE 84W-037
SCALE: 1" = 40'

CONSTRUCTION NOTES:

ALL EQUIPMENT IS EXISTING, EXCEPT AS NOTED.

ALL UTILITIES SHOWN ARE APPROXIMATE. EXACT LOCATIONS OF ALL UTILITIES TO BE LOCATED AND VERIFIED PRIOR TO START OF WORK.

SEE IMS-01 TO IMS-05 FOR TRUNKLINE DETAILS.

THE CONTRACTOR SHALL MAINTAIN OPERATION OF CAMERA (CCTV) 84W-037 AT ALL TIMES.

THE CONTRACTOR SHALL CONTACT ROBERT KENNEDY, CONNDOT HIGHWAY OPERATIONS AT LEAST 48 HOURS PRIOR TO THE REMOVAL AND RELOCATION OF THE CONDUIT RUN FOR CCTV 84W-037.

TRAFFIC FLOW MONITOR SYSTEM SHALL NOT BE INOPERABLE FOR MORE THAN ONE (1) WEEK.

(A) INSTALL CAMERA ASSEMBLY AND CAMERA LOWERING DEVICE - TYPE B ON TRAFFIC CONTROL FOUNDATION - SPAN POLE TYPE C.

(B) INSTALL TWO TRAFFIC FLOW MONITORS ON CAMERA POLE TO COVER BOTH DIRECTIONS OF TRAVEL. THE CONTRACTOR SHALL FOLLOW MANUFACTURERS INSTALLATION REQUIREMENTS FOR DETERMINING TFM MOUNTING HEIGHT BASED ON THE SETBACK FROM THE FIRST LANE OF TRAVEL.

(C) THE CONTRACTOR SHALL BE PERMITTED TO REMOVE THE ELECTRICAL SERVICE AND FIBER OPTIC CABLE FOR CCTV 84E-038 FOR A PERIOD NOT MORE THAN ONE (1) WORK DAY WHILE CONDUIT CONNECTION AND CABLE INSTALLATIONS ARE RELOCATED.

(D) EXISTING TRAFFIC FLOW MONITOR (TFM) AND POLE SHALL BE REMOVED AND SALVAGED. TFM SHALL NOT BE REMOVED UNTIL NEW TFM LOCATED ON CAMERA 84W-037 POLE IS INSTALLED, APPROVED BY THE ENGINEER AND ACCEPTED. SEE ITEM NO. 1113814A.

(E) EXISTING CABLE TO BE REMOVED ONLY AFTER NEW CCTV CAMERA POLE AND FOUNDATION, CAMERA, AND TFM ARE INSTALLED, ACCEPTED AND IN SERVICE. SEE ITEM NO. 1014901A.

(F) CONTRACTOR SHALL INSTALL MEDIA CONVERTER IN THE VMS CABINET AND TRAFFIC MANAGEMENT SYSTEM CABINET CONNECTING FIBER CABLE DIRECT CONNECT CABLE.

(G) CCTV POLE SHALL BE LOCATED 8' FROM GUIDERAIL. DISTANCE MEASURED FROM FACE OF GUIDERAIL TO FACE OF CONCRETE FOUNDATION.

(H) ELECTRICAL SERVICE CONDUCTORS SHALL BE SINGLE CONDUCTOR, STRANDED COPPER, INSULATED TYPE XHHW-2 AND RATED FOR 600 VOLTS.

LEGEND

— 100YR — FEMA 100 YEAR FLOODPLAIN

INLAND WETLANDS APPROX. LOCATION

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12-03-19	ADDENDUM NO. 2	09.08

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: 12/5/2019

DESIGNER/DRAFTER: MS/DG
CHECKED BY: MD
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_155-171_CCTV-02-A2.dgn

SIGNATURE/BLOCK:

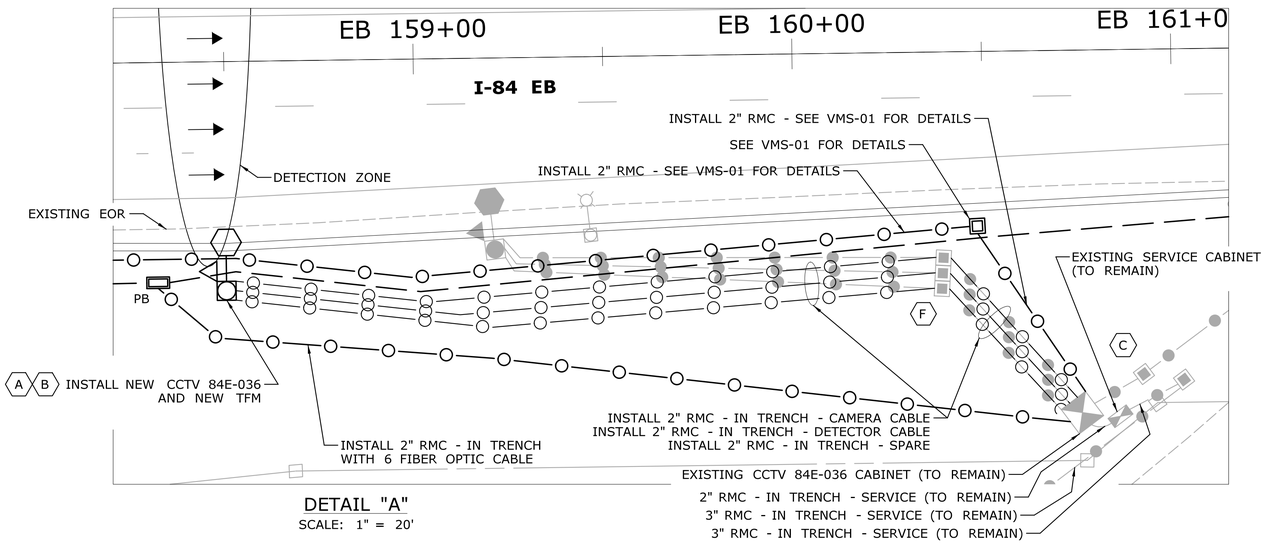
STATE OF CONNECTICUT
MICHAEL W. FIORE
No. 25758
LICENSED
PROFESSIONAL ENGINEER

PROJECT TITLE:
SAFETY AND OPERATIONAL IMPROVEMENTS ON I-84

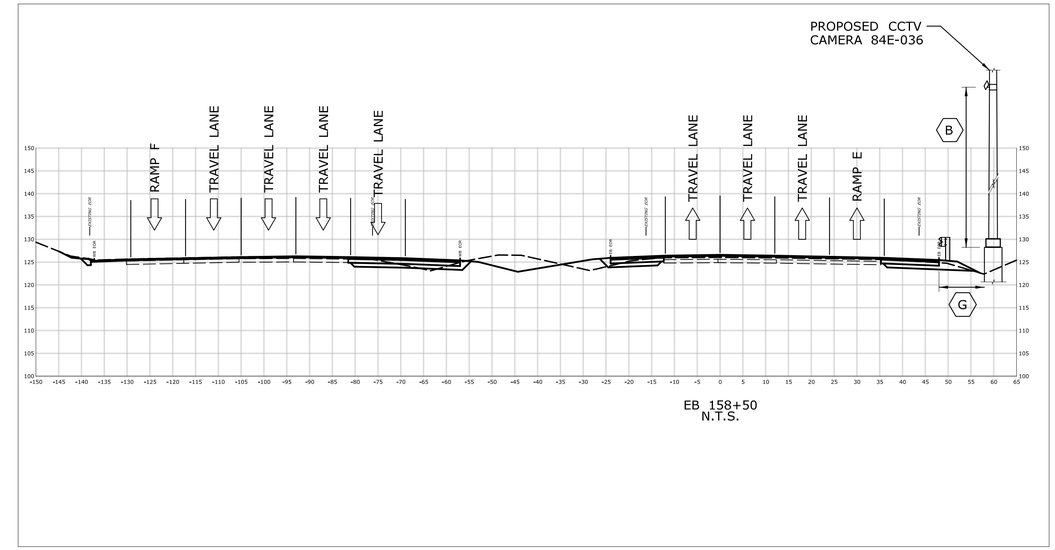
TOWN: **WEST HARTFORD**

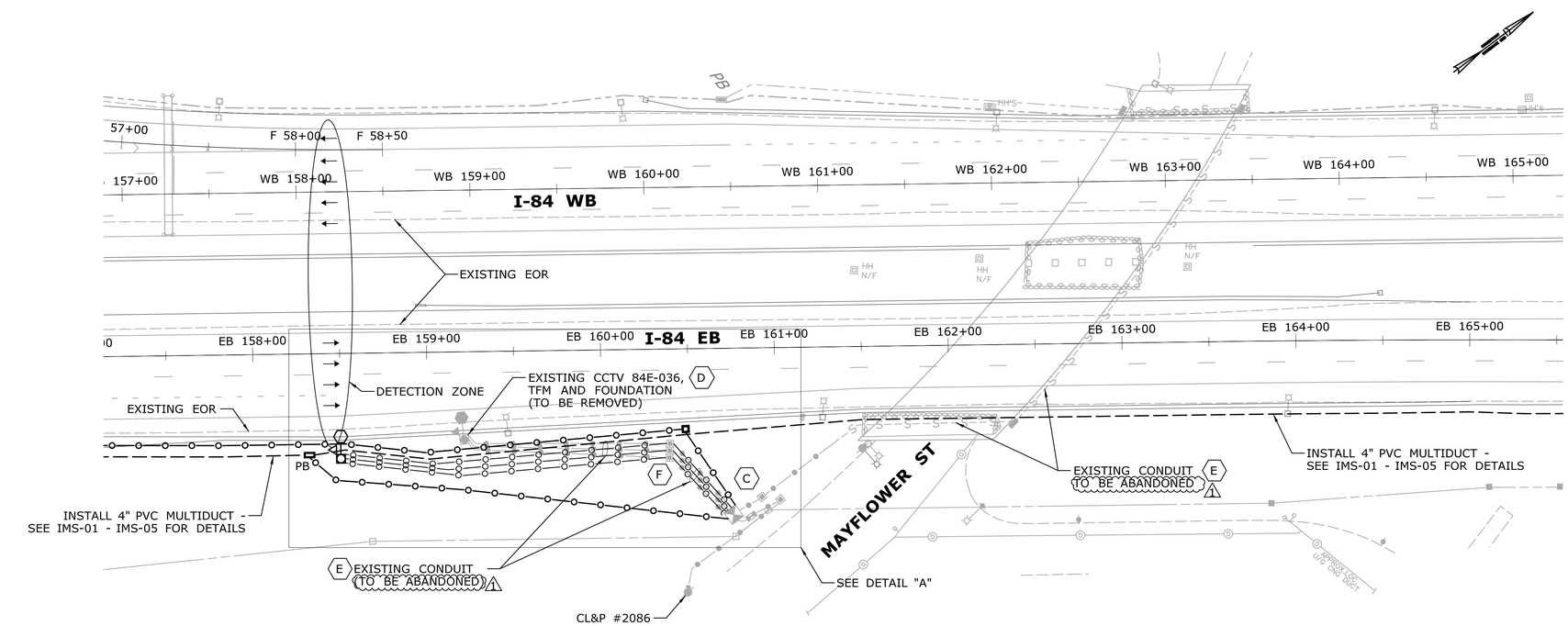
DRAWING TITLE: **CCTV SITE PLAN 84W-037**

PROJECT NO. **155-171**
DRAWING NO. **CCTV-02**
SHEET NO. **09.08.A2**



DETAIL "A"
SCALE: 1" = 20'





SYMBOL	AUX DETECTOR CONN CABINET	AUX DETECTOR TERM CABINET	CCTV CAMERA	CAST IRON JUNCTION BOX	TRAFFIC FLOW MONITOR	TYPE II HANDHOLE	SERVICE CABINET	PULLBOX	CAMERA CABINET	STEEL POLE	UTILITY POLE	VMS ON CANTILEVER	PVC	RMC	RMC/FIBERGLASS SURFACE
PROPOSED															
EXISTING															

SITE 84E-036
SCALE: 1" = 40'

CONSTRUCTION NOTES:

ALL EQUIPMENT IS EXISTING, EXCEPT AS NOTED.

ALL UTILITIES SHOWN ARE APPROXIMATE. EXACT LOCATIONS OF ALL UTILITIES TO BE LOCATED AND VERIFIED PRIOR TO START OF WORK.

SEE IMS-01 TO IMS-05 FOR TRUNKLINE DETAILS.

THE CONTRACTOR SHALL MAINTAIN OPERATION OF CAMERA (CCTV) 84E-036 AT ALL TIMES.

THE CONTRACTOR SHALL CONTACT ROBERT KENNEDY, CONNDOT HIGHWAY OPERATIONS AT LEAST 48 HOURS PRIOR TO THE REMOVAL AND RELOCATION OF THE CONDUIT RUN FOR CCTV 84E-036.

TRAFFIC FLOW MONITOR SYSTEM SHALL NOT BE INOPERABLE FOR MORE THAN ONE (1) WEEK.

A. INSTALL CAMERA ASSEMBLY AND CAMERA LOWERING DEVICE - TYPE B ON TRAFFIC CONTROL FOUNDATION - SPAN POLE TYPE C.

B. INSTALL TWO TRAFFIC FLOW MONITORS ON CAMERA POLE TO COVER BOTH DIRECTIONS OF TRAVEL. THE CONTRACTOR SHALL FOLLOW MANUFACTURERS INSTALLATION REQUIREMENTS FOR DETERMINING TFM MOUNTING HEIGHT BASED ON THE SETBACK FROM THE FIRST LANE OF TRAVEL.

C. THE CONTRACTOR SHALL BE PERMITTED TO REMOVE THE ELECTRICAL SERVICE AND FIBER OPTIC CABLE FOR CCTV 84E-038 FOR A PERIOD NOT MORE THAN ONE (1) WORK DAY WHILE CONDUIT CONNECTION AND CABLE INSTALLATIONS ARE RELOCATED.

D. EXISTING TRAFFIC FLOW MONITOR (TFM) AND POLE SHALL BE REMOVED AND SALVAGED. TFM SHALL NOT BE REMOVED UNTIL NEW TFM LOCATED ON CAMERA 84E-036 POLE IS INSTALLED, APPROVED BY THE ENGINEER AND ACCEPTED. SEE ITEM NO. 1113814A.

E. EXISTING CABLE TO BE REMOVED ONLY AFTER NEW CCTV CAMERA POLE AND FOUNDATION, CAMERA, AND TFM ARE INSTALLED, ACCEPTED AND IN SERVICE. SEE ITEM NO. 1014901A.

F. LOCATE EXISTING CONCRETE HANDHOLES - TYPE II. EXTEND NEW CONDUIT TO EXISTING CONCRETE HANDHOLES - TYPE II.

G. CCTV POLE SHALL BE LOCATED 8' FROM GUIDERAIL. DISTANCE MEASURED FROM FACE OF GUIDERAIL TO FACE OF CONCRETE FOUNDATION.

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12-03-19	ADDENDUM NO. 2	09.09

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: 12/5/2019

DESIGNER/DRAFTER: MS/DG
CHECKED BY: MD
SCALE AS NOTED

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_155-171_CCTV-03-A2.dgn

SIGNATURE/BLOCK:

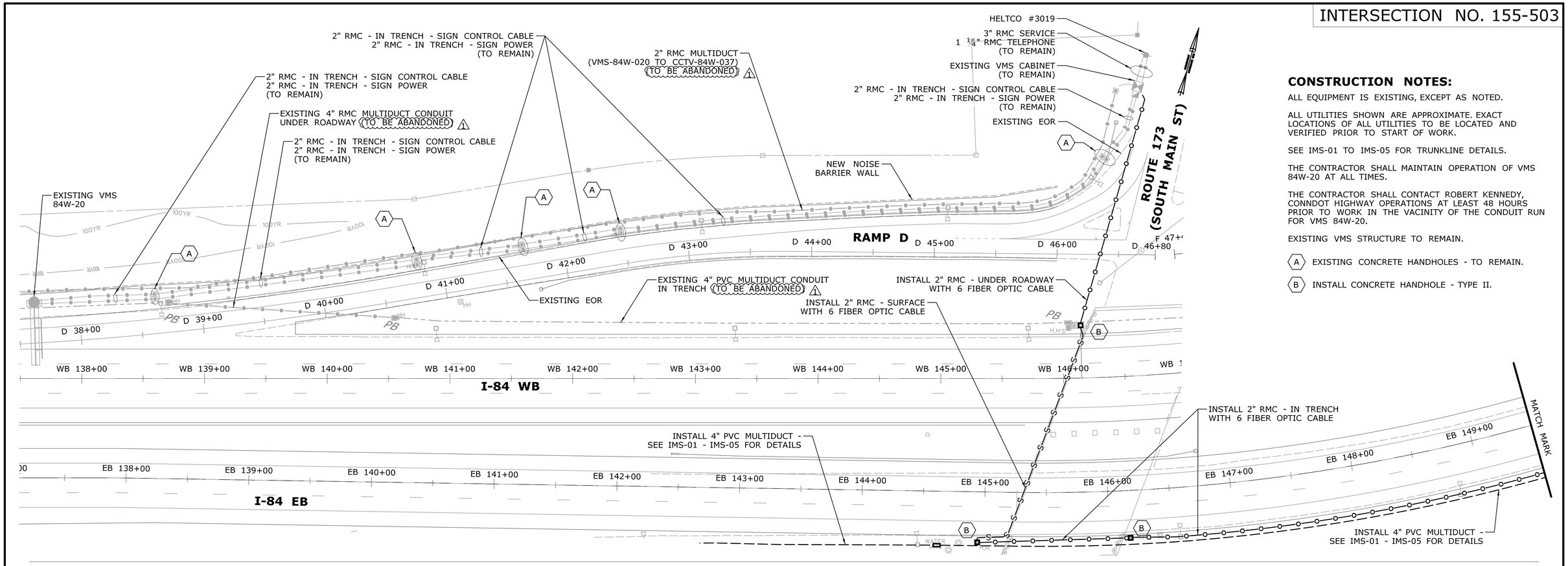
STATE OF CONNECTICUT · MICHAEL W. HICKEY · No. 32728 · LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE:
SAFETY AND OPERATIONAL IMPROVEMENTS ON I-84

TOWN: **WEST HARTFORD**

DRAWING TITLE: **CCTV SITE PLAN 84E-036**

PROJECT NO. **155-171**
DRAWING NO. **CCTV-03**
SHEET NO. **09.09.A2**



CONSTRUCTION NOTES:

ALL EQUIPMENT IS EXISTING, EXCEPT AS NOTED.

ALL UTILITIES SHOWN ARE APPROXIMATE. EXACT LOCATIONS OF ALL UTILITIES TO BE LOCATED AND VERIFIED PRIOR TO START OF WORK.

SEE IMS-01 TO IMS-05 FOR TRUNKLINE DETAILS.

THE CONTRACTOR SHALL MAINTAIN OPERATION OF VMS 84W-20 AT ALL TIMES.

THE CONTRACTOR SHALL CONTACT ROBERT KENNEDY, CONNDOT HIGHWAY OPERATIONS AT LEAST 48 HOURS PRIOR TO WORK IN THE VACINITY OF THE CONDUIT RUN FOR VMS 84W-20.

EXISTING VMS STRUCTURE TO REMAIN.

(A) EXISTING CONCRETE HANDHOLES - TO REMAIN.

(B) INSTALL CONCRETE HANDHOLE - TYPE II.

SYMBOL	AUX DETECTOR CONN CABINET	AUX DETECTOR TERM CABINET	CCTV CAMERA	CAST IRON JUNCTION BOX	TRAFFIC FLOW MONITOR	TYPE II HANDHOLE	SERVICE CABINET	PULLBOX	CAMERA CABINET	STEEL POLE	UTILITY POLE	VMS ON CANTILEVER	PVC	RMC	RMC/FIBERGLASS SURFACE
PROPOSED															
EXISTING															

LEGEND

100YR — FEMA 100 YEAR FLOODPLAIN

INLAND WETLANDS APPROX. LOCATION

ADDENDUM NO. 2

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
1	12-03-19	ADDENDUM NO. 2	09.10

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: 12/5/2019

DESIGNER/DRAFTER: MS/DG

CHECKED BY: MD

SCALE IN FEET 0 40 80

SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_155-171_VMS-01-A2.dgn

SIGNATURE/BLOCK:

STATE OF CONNECTICUT ROBERT W. DIGAN No. 32728 LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE:

SAFETY AND OPERATIONAL IMPROVEMENTS ON I-84

TOWN: **WEST HARTFORD**

DRAWING TITLE: **VMS SITE NO. 1 84W-020**

PROJECT NO. **155-171**

DRAWING NO. **VMS-01**

SHEET NO. **09.10.A2**