


01.15 - UTILITY TP PLANS / FIO



INDEX OF SUBSETS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
01.15.01	UTILITY INDEX OF SUBSETS		
01.15.02	UTILITY TEST PIT PLANS		
01.15.03	UTILITY RELOCATION PLANS - FIO		

DESIGNED BY:



CME
 CME Associates, Inc.
 101 East River Drive
 East Hartford, CT 06108

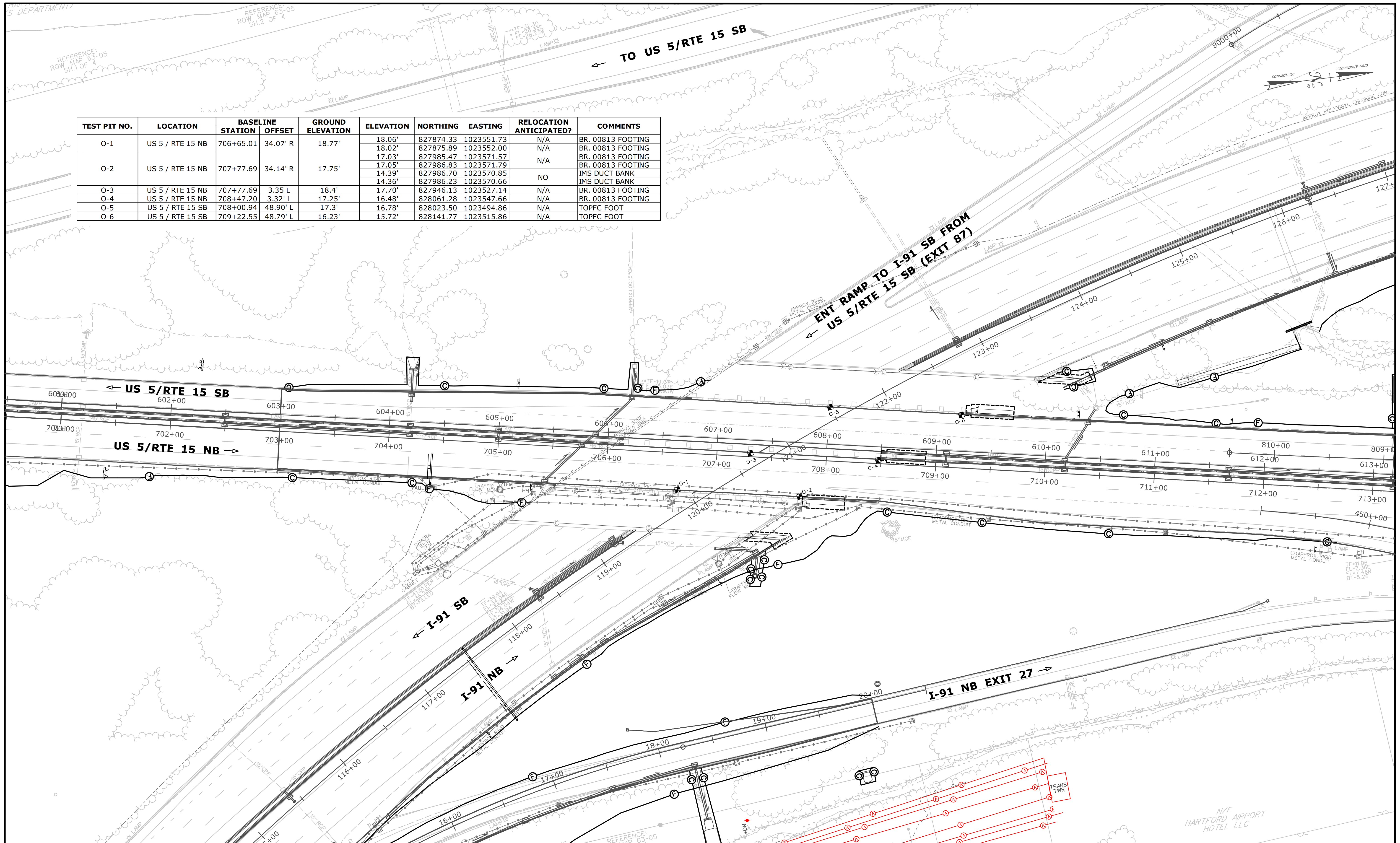
			THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	DESIGNER/DRAFTER: MCS	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/BLOCK: 	PROJECT TITLE: RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 5/15 NB TO I-84 EB	CITY/TOWN: HARTFORD EAST HARTFORD	PROJECT NO. 63-703
				CHECKED BY: JDL				DRAWING TITLE: UTILITY INDEX OF SUBSETS	DRAWING NO. IND-01
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/10/2018		Filename: ...VHW_MSH_0063_0703_01-15.01_UTL_IND-01.dgn			SHEET NO. 01.15.01.01

01.15.02 - UTILITY TEST PIT PLANS

INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
IND-01	UTILITY TEST PIT PLANS DRAWING INDEX		
UTL-01 - UTL-05	UTILITY TEST PIT PLAN		

TEST PIT NO.	LOCATION	BASELINE		GROUND ELEVATION	ELEVATION	NORTHING	EASTING	RELOCATION ANTICIPATED?	COMMENTS
		STATION	OFFSET						
O-1	US 5 / RTE 15 NB	706+65.01	34.07' R	18.77'	18.06'	827874.33	1023551.73	N/A	BR. 00813 FOOTING
					18.02'	827875.89	1023552.00	N/A	BR. 00813 FOOTING
O-2	US 5 / RTE 15 NB	707+77.69	34.14' R	17.75'	17.03'	827985.47	1023571.57	N/A	BR. 00813 FOOTING
					17.05'	827986.83	1023571.79	N/A	BR. 00813 FOOTING
					14.39'	827986.70	1023570.85	NO	IMS DUCT BANK
					14.36'	827986.23	1023570.66	NO	IMS DUCT BANK
O-3	US 5 / RTE 15 NB	707+77.69	3.35 L	18.4'	17.70'	827946.13	1023527.14	N/A	BR. 00813 FOOTING
O-4	US 5 / RTE 15 NB	708+47.20	3.32' L	17.25'	16.48'	828061.28	1023547.66	N/A	BR. 00813 FOOTING
O-5	US 5 / RTE 15 SB	708+00.94	48.90' L	17.3'	16.78'	828023.50	1023494.86	N/A	TOPFC FOOT
O-6	US 5 / RTE 15 SB	709+22.55	48.79' L	16.23'	15.72'	828141.77	1023515.86	N/A	TOPFC FOOT



REV.	DATE	REVISION DESCRIPTION	SHEET NO.

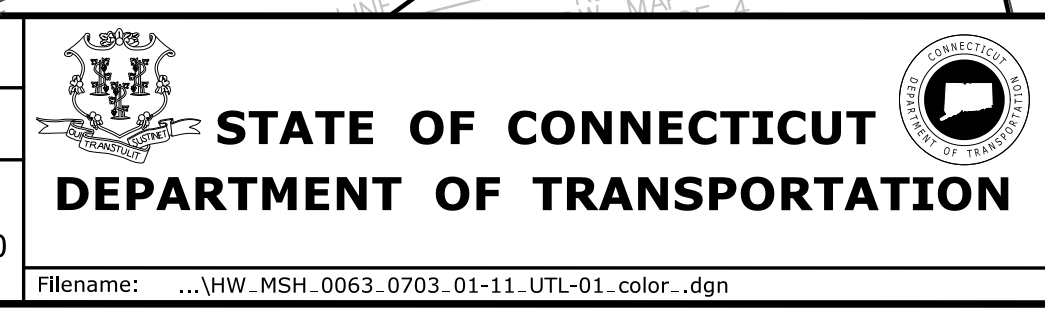
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Plotted Date: 7/13/2018

DESIGNER/DRAFTER:
MCS

CHECKED BY:
JDL

SCALE IN FEET
0 40 80
SCALE 1"=40'



SIGNATURE/BLOCK:

CME Associates, Inc.
101 East River Drive, 1st Floor
East Hartford, CT 06108

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 5/15 NB TO I-84 EB

CITY/TOWN:
HARTFORD EAST HARTFORD

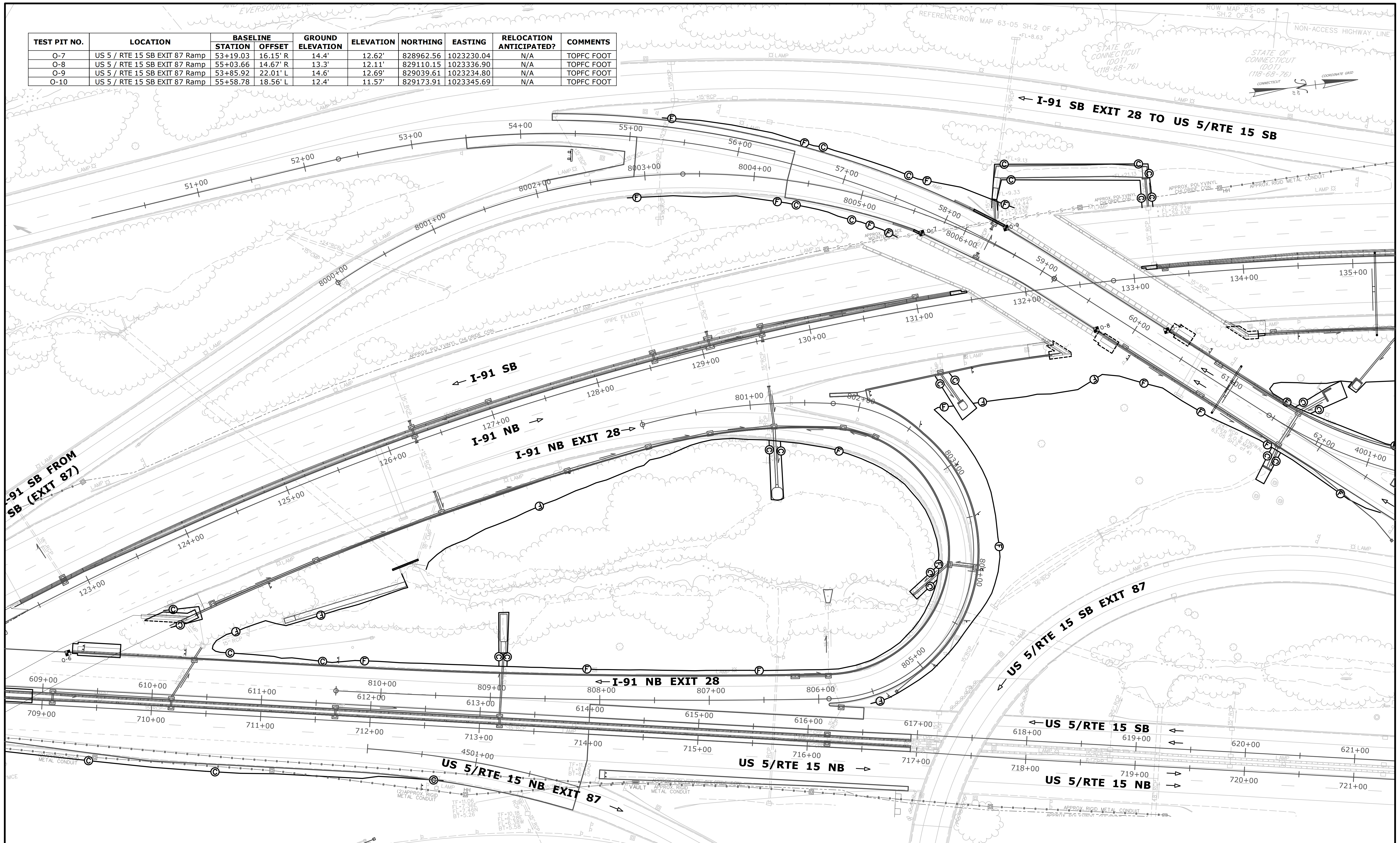
DRAWING TITLE:
UTILITY TEST PIT PLAN

PROJECT NO.
63-703

DRAWING NO.
UTL-01

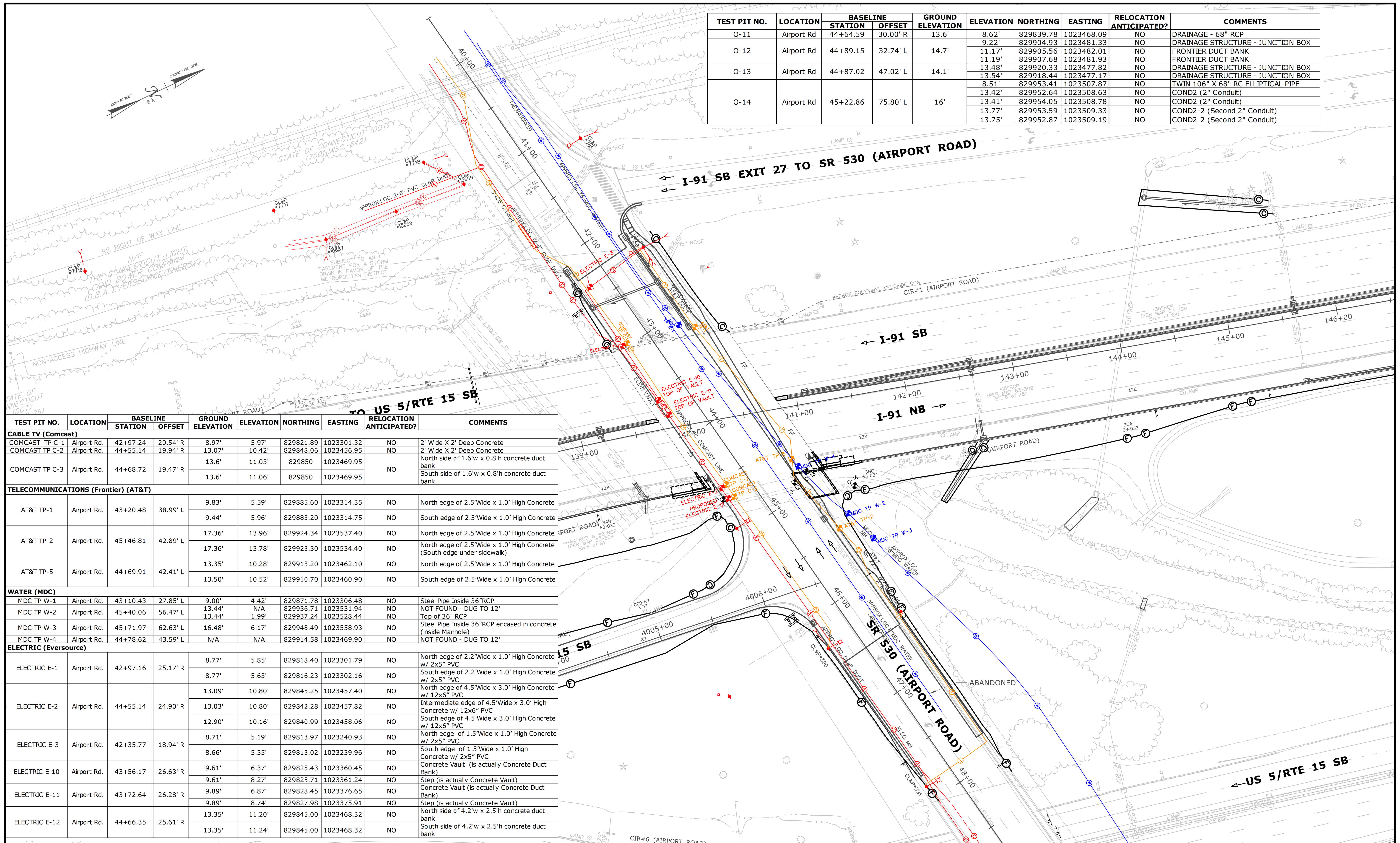
SHEET NO.
01.15.02.02

TEST PIT NO.	LOCATION	BASELINE		GROUND ELEVATION	ELEVATION	NORTHING	EASTING	RELOCATION ANTICIPATED?	COMMENTS
		STATION	OFFSET						
O-7	US 5 / RTE 15 SB EXIT 87 Ramp	53+19.03	16.15' R	14.4'	12.62'	828962.56	1023230.04	N/A	TOPFC FOOT
O-8	US 5 / RTE 15 SB EXIT 87 Ramp	55+03.66	14.67' R	13.3'	12.11'	829110.15	1023336.90	N/A	TOPFC FOOT
O-9	US 5 / RTE 15 SB EXIT 87 Ramp	53+85.92	22.01' L	14.6'	12.69'	829039.61	1023234.80	N/A	TOPFC FOOT
O-10	US 5 / RTE 15 SB EXIT 87 Ramp	55+58.78	18.56' L	12.4'	11.57'	829173.91	1023345.69	N/A	TOPFC FOOT



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	CHECKED BY: JDL					
REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 7/13/2018						

TEST PIT NO.	LOCATION	BASELINE		GROUND ELEVATION	ELEVATION	NORTHING	EASTING	RELOCATION ANTICIPATED?	COMMENTS
		STATION	OFFSET						
O-11	Airport Rd	44+64.59	30.00' R	13.6'	8.62'	829839.78	1023468.09	NO	DRAINAGE - 68" RCP
					9.22'	829904.93	1023481.33	NO	DRAINAGE STRUCTURE - JUNCTION BOX
					11.17'	829905.56	1023482.01	NO	FRONTIER DUCT BANK
O-12	Airport Rd	44+89.15	32.74' L	14.7'	11.19'	829907.68	1023481.93	NO	FRONTIER DUCT BANK
					13.48'	829920.33	1023477.82	NO	DRAINAGE STRUCTURE - JUNCTION BOX
					13.54'	829918.44	1023477.17	NO	DRAINAGE STRUCTURE - JUNCTION BOX
O-13	Airport Rd	44+87.02	47.02' L	14.1'	8.51'	829953.41	1023507.87	NO	TWIN 106" X 68" RC ELLIPTICAL PIPE
					13.42'	829952.64	1023508.63	NO	COND2 (2" Conduit)
					13.41'	829954.05	1023508.78	NO	COND2 (2" Conduit)
O-14	Airport Rd	45+22.86	75.80' L	16'	13.77'	829953.59	1023509.33	NO	COND2-2 (Second 2" Conduit)
					13.75'	829952.87	1023509.19	NO	COND2-2 (Second 2" Conduit)



TEST PIT NO.	LOCATION	BASELINE STATION	OFFSET	GROUND ELEVATION	ELEVATION	NORTHING	EASTING	RELOCATION ANTICIPATED?	COMMENTS
CABLE TV (Comcast)									
COMCAST TP C-1	Airport Rd.	42+97.24	20.54' R	8.97'	5.97'	829821.89	1023301.32	NO	2' Wide X 2' Deep Concrete
COMCAST TP C-2	Airport Rd.	44+55.14	19.94' R	13.07'	10.42'	829848.06	1023456.95	NO	2' Wide X 2' Deep Concrete
COMCAST TP C-3	Airport Rd.	44+68.72	19.47' R	13.6'	11.03'	829850	1023469.95	NO	North side of 1.6'w x 0.8'h concrete duct bank South side of 1.6'w x 0.8'h concrete duct bank
TELECOMMUNICATIONS (Frontier) (AT&T)									
AT&T TP-1	Airport Rd.	43+20.48	38.99' L	9.83'	5.59'	829885.60	1023314.35	NO	North edge of 2.5' Wide x 1.0' High Concrete
				9.44'	5.96'	829883.20	1023314.75	NO	South edge of 2.5' Wide x 1.0' High Concrete
AT&T TP-2	Airport Rd.	45+46.81	42.89' L	17.36'	13.96'	829924.34	1023537.40	NO	North edge of 2.5' Wide x 1.0' High Concrete
				17.36'	13.78'	829923.30	1023534.40	NO	North edge of 2.5' Wide x 1.0' High Concrete (South edge under sidewalk)
AT&T TP-5	Airport Rd.	44+69.91	42.41' L	13.35'	10.28'	829913.20	1023462.10	NO	North edge of 2.5' Wide x 1.0' High Concrete
				13.50'	10.52'	829910.70	1023460.90	NO	South edge of 2.5' Wide x 1.0' High Concrete

WATER (MDC)									
MDC TP W-1	Airport Rd.	43+10.43	27.85' L	9.00'	4.42'	829871.78	1023306.48	NO	Steel Pipe Inside 36" RCP
MDC TP W-2	Airport Rd.	45+40.06	56.47' L	13.44'	N/A	829936.71	1023531.94	NO	NOT FOUND - DUG TO 12'
				13.44'	1.99'	829937.24	1023528.44	NO	Top of 36" RCP
MDC TP W-3	Airport Rd.	45+71.97	62.63' L	16.48'	6.17'	829948.49	1023558.93	NO	Steel Pipe Inside 36" RCP encased in concrete (inside Manhole)
MDC TP W-4	Airport Rd.	44+78.62	43.59' L	N/A	N/A	829914.58	1023469.90	NO	NOT FOUND - DUG TO 12'

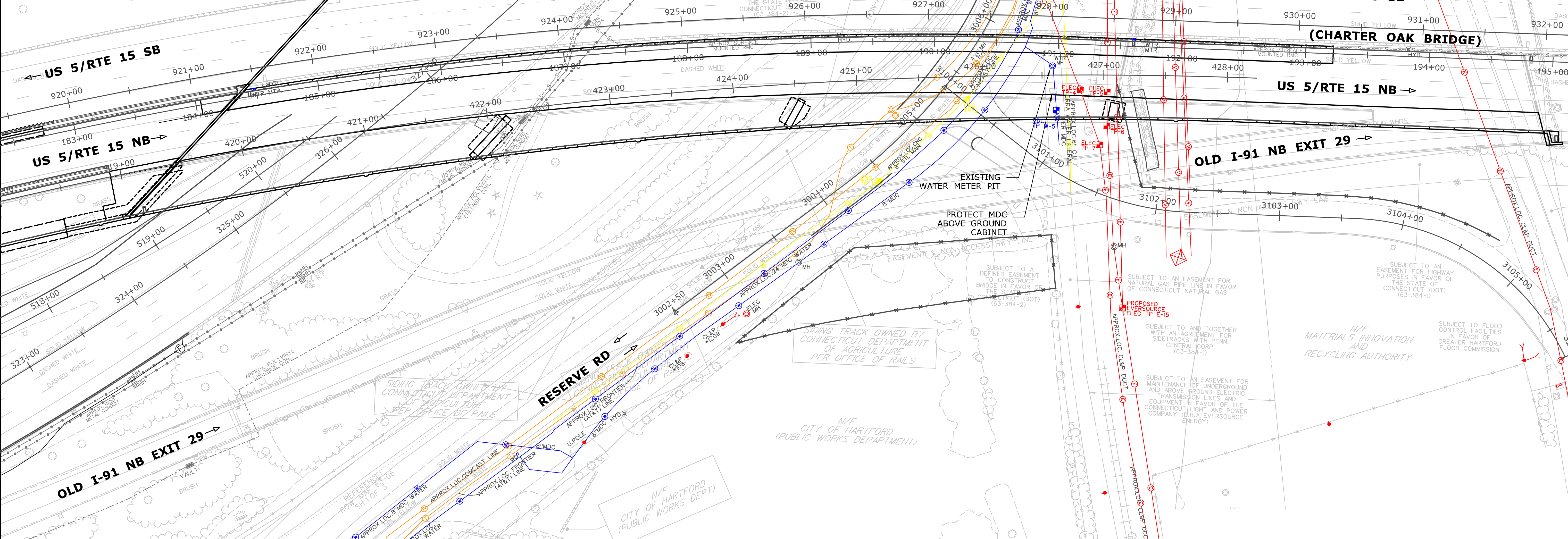
ELECTRIC (Eversource)									
ELECTRIC E-1	Airport Rd.	42+97.16	25.17' R	8.77'	5.85'	829818.40	1023301.79	NO	North edge of 2.2' Wide x 1.0' High Concrete w/ 2x5" PVC
				8.77'	5.63'	829816.23	1023302.16	NO	South edge of 2.2' Wide x 1.0' High Concrete w/ 2x5" PVC
ELECTRIC E-2	Airport Rd.	44+55.14	24.90' R	13.09'	10.80'	829845.25	1023457.40	NO	North edge of 4.5' Wide x 3.0' High Concrete w/ 12x6" PVC
				13.03'	10.80'	829842.28	1023457.82	NO	Intermediate edge of 4.5' Wide x 3.0' High Concrete w/ 12x6" PVC
ELECTRIC E-3	Airport Rd.	42+35.77	18.94' R	12.90'	10.16'	829840.99	1023458.06	NO	South edge of 4.5' Wide x 3.0' High Concrete w/ 12x6" PVC
				8.71'	5.19'	829813.97	1023240.93	NO	North edge of 1.5' Wide x 1.0' High Concrete w/ 2x5" PVC
ELECTRIC E-10	Airport Rd.	43+56.17	26.63' R	8.66'	5.35'	829813.02	1023239.96	NO	South edge of 1.5' Wide x 1.0' High Concrete w/ 2x5" PVC
				9.61'	6.37'	829825.43	1023360.45	NO	Concrete Vault (is actually Concrete Duct Bank)
ELECTRIC E-11	Airport Rd.	43+72.64	26.28' R	9.61'	8.27'	829825.71	1023361.24	NO	Step (is actually Concrete Vault)
				9.89'	6.87'	829828.45	1023376.65	NO	Concrete Vault (is actually Concrete Duct Bank)
ELECTRIC E-12	Airport Rd.	44+66.35	25.61' R	9.89'	8.74'	829827.98	1023375.91	NO	Step (is actually Concrete Vault)
				13.35'	11.20'	829845.00	1023468.32	NO	North side of 4.2' w x 2.5' h concrete duct bank
				13.35'	11.24'	829845.00	1023468.32	NO	South side of 4.2' w x 2.5' h concrete duct bank

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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/13/2018

TEST PIT NO.	LOCATION	BASELINE		GROUND ELEVATION	ELEVATION	NORTHING	EASTING	RELOCATION ANTICIPATED?	COMMENTS
		STATION	OFFSET						
WATER (MDC)									
MDC TP W-5	Reserve Rd.	426+61.33 *	28.49 R *	30.09'	24.68'	834416.07	1025468.77	NO	6" Cast Iron Pipe
MDC TP W-6	Reserve Rd.	928+72.2	135' L	27.77'	22.54'	834624.83	1025368.79	NO	Top of 6" Cast Iron Pipe
TELECOMMUNICATIONS Frontier (AT&T)									
FRONTIER T.P. T-6	Reserve Rd.	928+97.4	69.4' L	30.50'	25.61'	834590.12	1025446.31	NO	2.0'w x 1.0'h Conc. Duct Bank Encasing (2) Two 4" PVC Conduits
CABLE TV (Comcast)									
COMCAST T.P. C-4	Reserve Rd.	929+00.2	62.2' L	30.6'	26.76'	834579.65	1025457.92	NO	Top of 1.5'w x 0.67'h concrete duct bank
ELECTRIC (Eversource)									
ELEC TP-4	Reserve Rd.	426+81.00 *	12.04' R *	30.28'	20.98'	834441.53	1025471.11	NO	Top of 36" RCP w/ (2)-8 5/8" carbon steel pipes inside
ELEC E-5	Reserve Rd.	427+02.78 *	13.72' R *	29.65'	26.60'	834456.79	1025488.98	YES	North edge of 3.5' Wide x 3.0' High Concrete w/ 20x4" PVC South edge of 3.5' Wide x 3.0' High Concrete w/ 20x4" PVC
ELEC E-6	Reserve Rd.	427+02.58 *	41.16' R *	28.91'	26.66'	834436.55	1025507.71	YES	North edge of 2.5' Wide x 2.5' High Concrete w/ 20x4" PVC South edge of 2.5' Wide x 2.5' High Concrete w/ 20x4" PVC
ELEC E-7	Reserve Rd.	426+96.89 *	56.41' R *	29.20'	23.93'	834420.85	1025513.41	NO	Top of 36" RCP w/ (2)-8 5/8" carbon steel pipes inside
ELEC E-8	Reserve Rd.	928+42.17 **	65.96' L **	30.37'	26.73'	834546.54	1025401.06	YES	North edge of 2.5' Wide x 3.0' High Concrete w/ 20x4" PVC South edge of 2.5' Wide x 3.0' High Concrete w/ 20x4" PVC
				30.37'	26.87'	834544.71	1025399.32		
				30.31'	27.51'	834546.15	1025397.66		
ELECTRIC E-13	Reserve Rd.	928+36.2	233.3' L	29.1'	26.64'	834666.83	1025282.97	YES	East side of 3.1'w x 3.8'h concrete duct bank West side of 3.1'w x 3.8'h concrete duct bank
				30.1'	26.76'	834340.67	1025617.64		
				29.57'	26.68'	834338.76	1025616.33		
ELECTRIC E-15	Reserve Rd.	427+16.8	188.2' R	29.57'	26.82'	834338.76	1025616.33	YES	North side of 2.4'w x 2.9'h concrete duct bank South side of 2.4'w x 2.9'h concrete duct bank
BELL MH	Reserve Rd.	427+01.81 *	288.37' L *	30.39'	See Comments	834671.30	1025276.40	NO	Located near former TP-8 LOCATION, 3 conduits - bottom conduit: 21.71'; middle conduit: 22.71'; top conduit: 23.71' - Electric M.H.
GAS (CNG)									
CNG TP-1	Reserve Rd.	425+14.26 *	82.36' R *	22.22'	17.94'	834274.47	1025406.72	NO	12" Steel Pipe
CNG TP-2	Reserve Rd.	425+88.72 *	18.36' R *	26.57'	23.39'	834371.82	1025410.88	NO	12" Steel Pipe
CNG TP-3	Reserve Rd.	928+07.31 **	26.01' L **	29.64'	26.90'	834492.17	1025400.96	NO	12" Steel Pipe
CNG TP-4	Reserve Rd.	927+87.41 **	57.04' L **	28.66'	24.51'	834501.29	1025365.10	NO	12" Steel Pipe

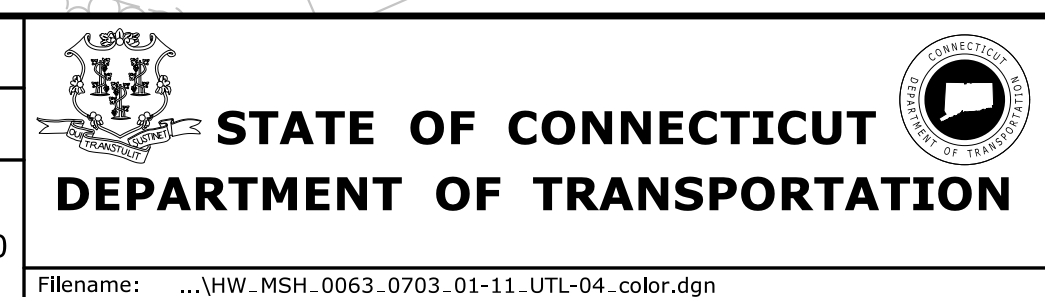
* Station and Offset references the US 5 / RTE 15 NB baseline
** Station and Offset references the US 5 / RTE 15 SB baseline



REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/13/2018

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DESIGNER/DRAFTER: **MCS**
CHECKED BY: **JDL**
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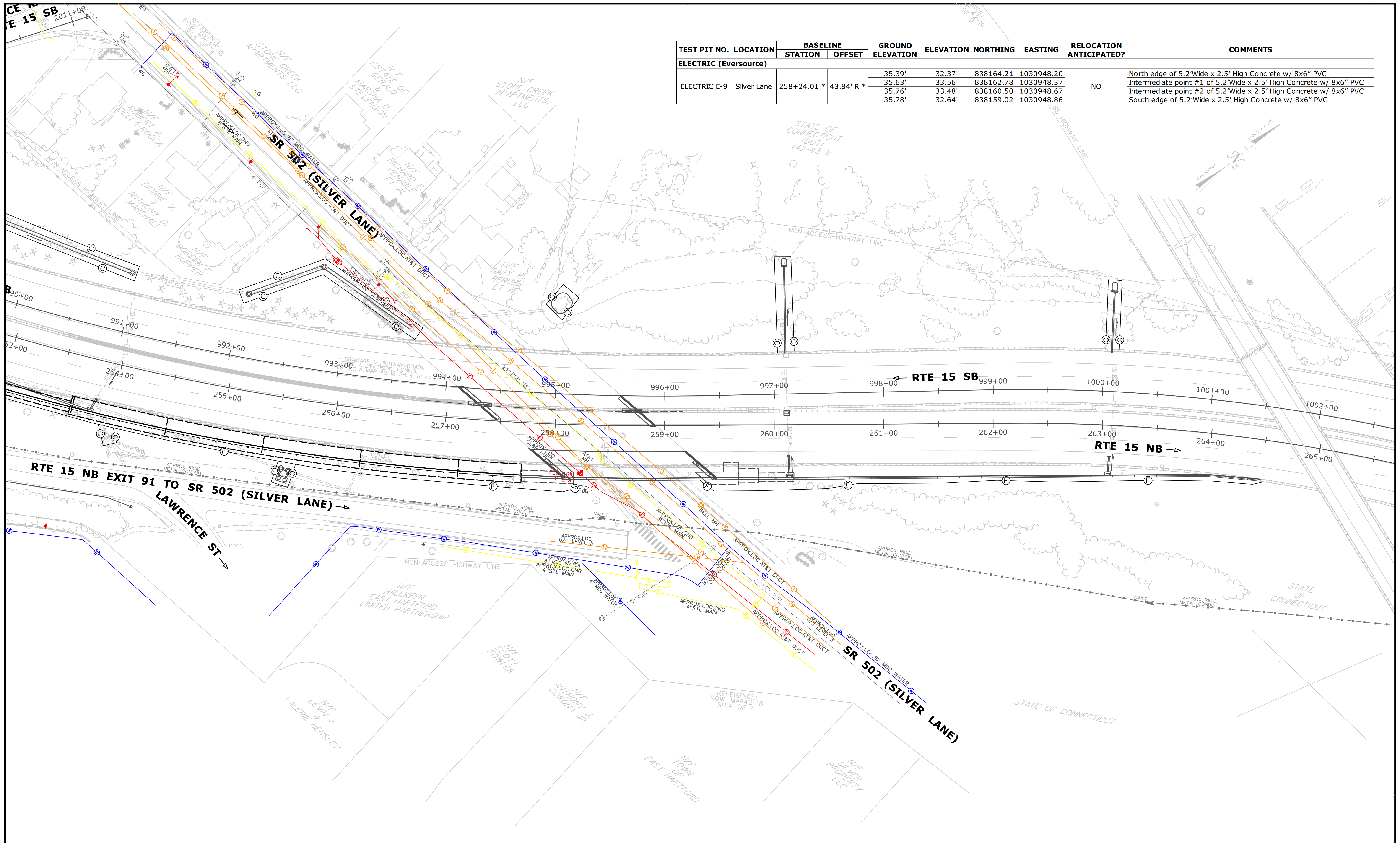
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101 East River Drive, 1st Floor
East Hartford, CT 06108

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 5/15 NB TO I-84 EB

CITY/TOWN: **HARTFORD EAST HARTFORD**
DRAWING TITLE: **UTILITY TEST PIT PLAN**

PROJECT NO.: **63-703**
DRAWING NO.: **UTL-04**
SHEET NO.: **01.15.02.05**

TEST PIT NO.	LOCATION	BASELINE		GROUND ELEVATION	ELEVATION	NORTHING	EASTING	RELOCATION ANTICIPATED?	COMMENTS
		STATION	OFFSET						
ELECTRIC (Eversource)									
ELECTRIC E-9	Silver Lane	258+24.01 *	43.84' R *	35.39'	32.37'	838164.21	1030948.20	NO	North edge of 5.2' Wide x 2.5' High Concrete w/ 8x6" PVC
				35.63'	33.56'	838162.78	1030948.37		Intermediate point #1 of 5.2' Wide x 2.5' High Concrete w/ 8x6" PVC
				35.76'	33.48'	838160.50	1030948.67		Intermediate point #2 of 5.2' Wide x 2.5' High Concrete w/ 8x6" PVC
				35.78'	32.64'	838159.02	1030948.86		South edge of 5.2' Wide x 2.5' High Concrete w/ 8x6" PVC




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	CHECKED BY: JDL					
REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 7/13/2018	FILENAME: ...VHW_MSH_0063_0703_01-11-UTL-05_color.dgn	STATE OF CONNECTICUT PROFESSIONAL ENGINEER No. 16614	PROJECT TITLE: RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 5/15 NB TO I-84 EB	CITY/TOWN: HARTFORD EAST HARTFORD	PROJECT NO. 63-703	DRAWING NO. UTL-05
						SHEET NO. 01.15.02.06

01.15.03 - UTILITY RELOCATION PLANS - FIO

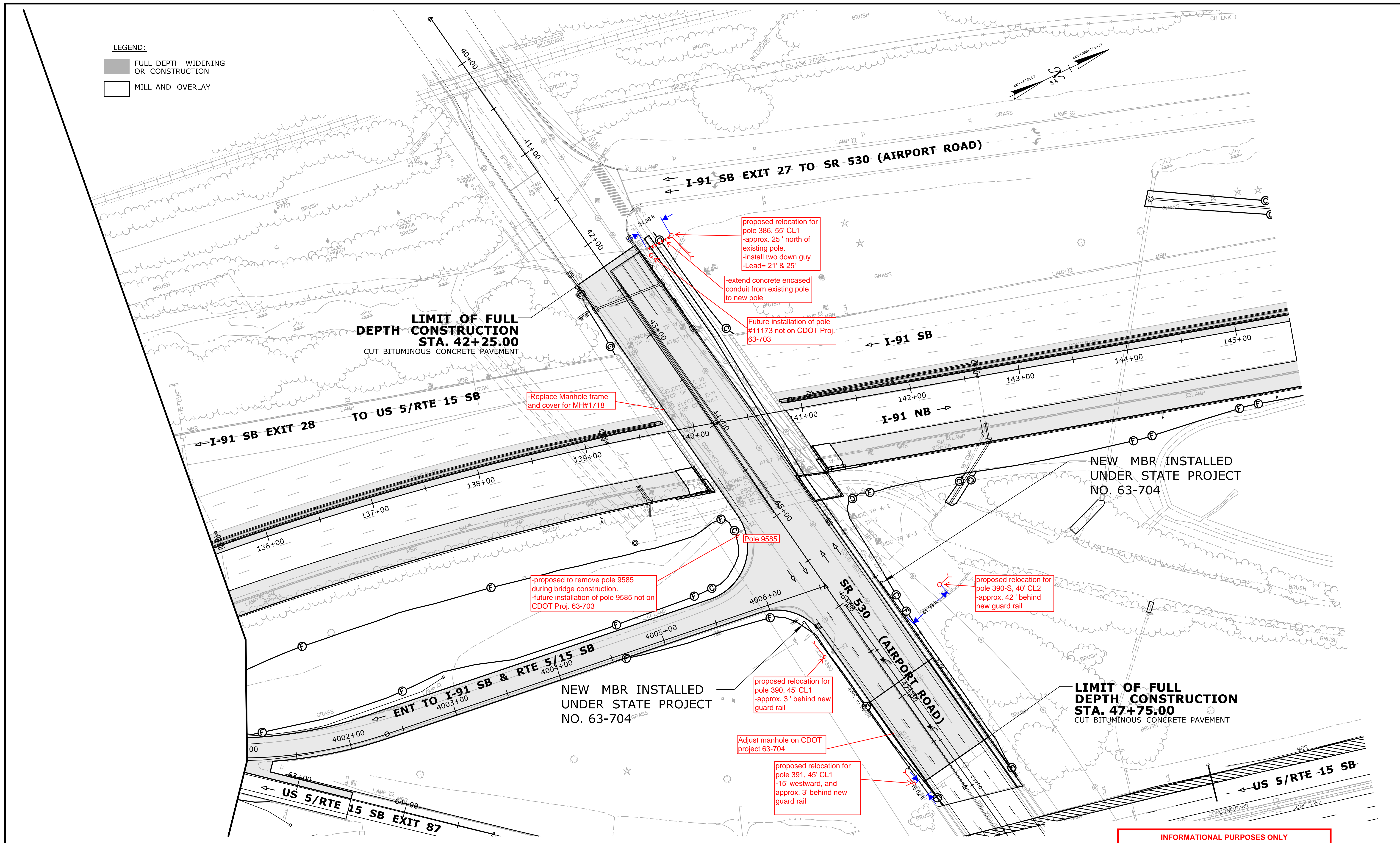
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
IND-01	UTILITY RELOCATION PLANS - FIO DRAWING INDEX		
URP-01 - URP-04	EVERSOURCE UTILITY RELOCATION PLANS - FIO		
URP-05	MDC UTILITY RELOCATION PLANS - FIO		
URP-06 - URP-07	FRONTIER UTILITY RELOCATION PLANS - FIO		
URP-08	CROWN CASTLE (LIGHTTOWER) UTILITY RELOCATION PLANS - FIO		
URP-09	COMCAST UTILITY RELOCATION PLANS - FIO		

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		<small>CHECKED BY:</small> JDL	<small>DRAWING NO.:</small> IND-01						
<small>REV.</small>	<small>DATE</small>	<small>REVISION DESCRIPTION</small>	<small>SHEET NO.</small>	<small>Plotted Date: 7/9/2018</small>	<small>Filename: ...\\HW_MSH_0063_0703_01-15.03_UTL_IND-01.dgn</small>			<small>DRAWING TITLE:</small> UTILITY RELOCATION PLANS - FIO INDEX	<small>SHEET NO.:</small> 01.15.03.01

LEGEND:

- FULL DEPTH WIDENING OR CONSTRUCTION
- MILL AND OVERLAY



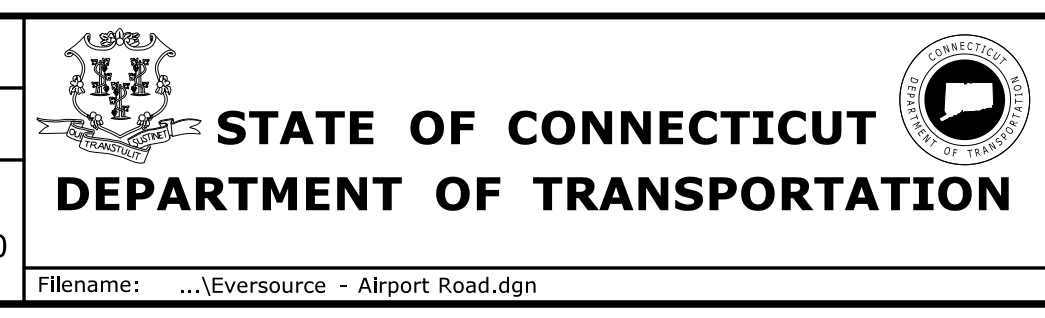
INFORMATIONAL PURPOSES ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 8/4/2017

DESIGNER/DRAFTER:
MCS

CHECKED BY:
JDL

SCALE IN FEET
0 40 80
SCALE 1"=40'



SIGNATURE/
BLOCK:

PROJECT TITLE:
**RELOCATION OF I-91 NB
INTERCHANGE 29 AND WIDENING
OF I-91 NB AND ROUTE 5/15 NB
TO I-84 EB**

CITY/TOWN: **HARTFORD
EAST HARTFORD**

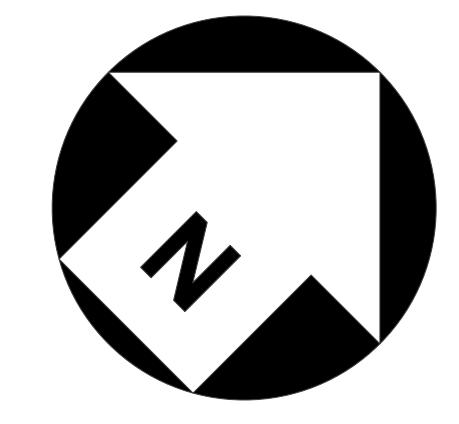
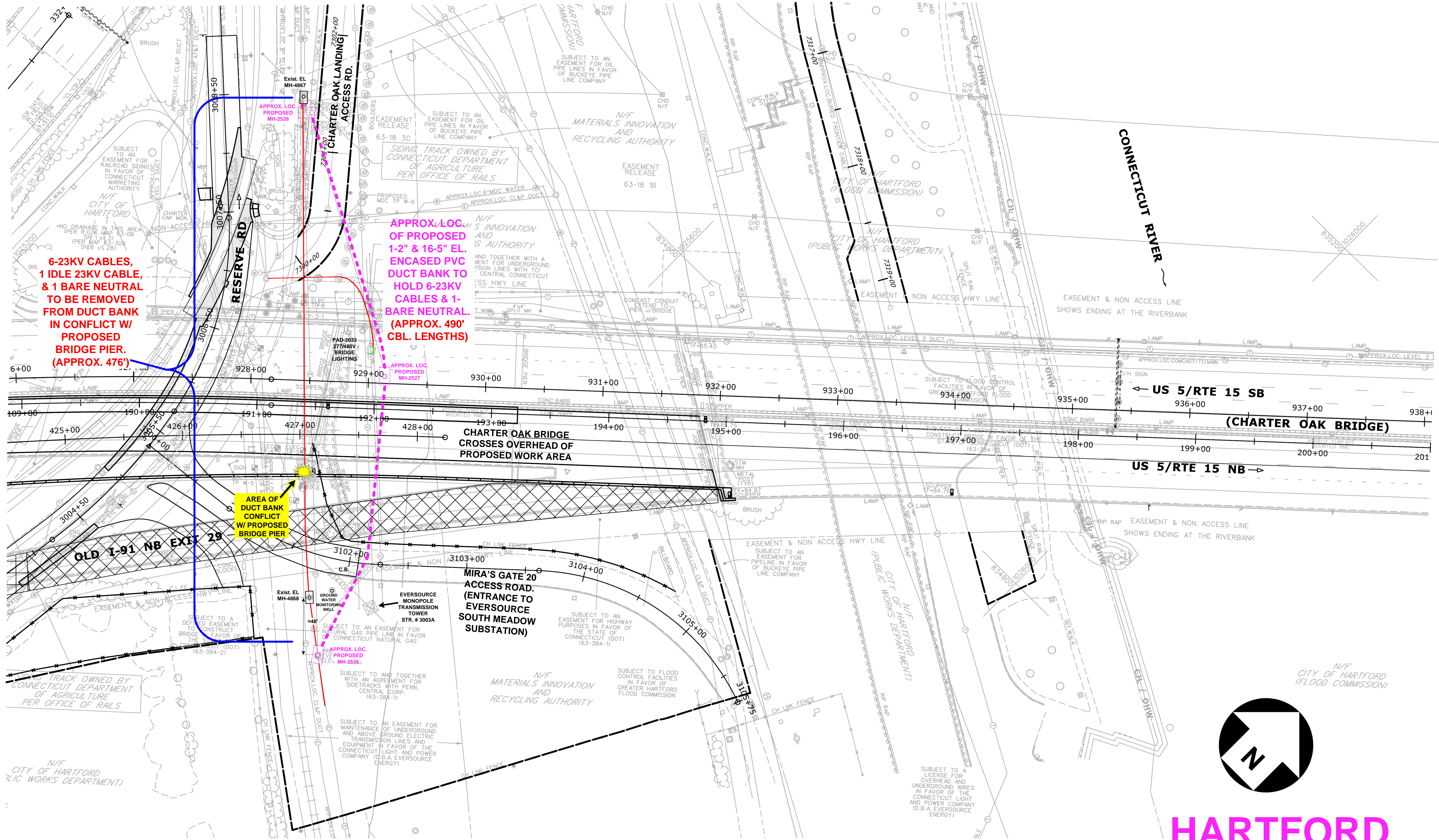
PROJECT NO.: **63-703**

DRAWING NO.: **URP-01**

EVERSOURCE ENERGY

CDOT 63-703 AIRPORT RD. HTFD.
EVERSOURCE RELOCATION PLAN
REV. 12/14/17 XL

01.15.03.02



HARTFORD

INFORMATIONAL PURPOSES ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 12/14/2017
<p>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.</p>				

DESIGNER/DRAFTER:
 CHECKED BY:
 SCALE IN FEET
 SCALE 1"=40'

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

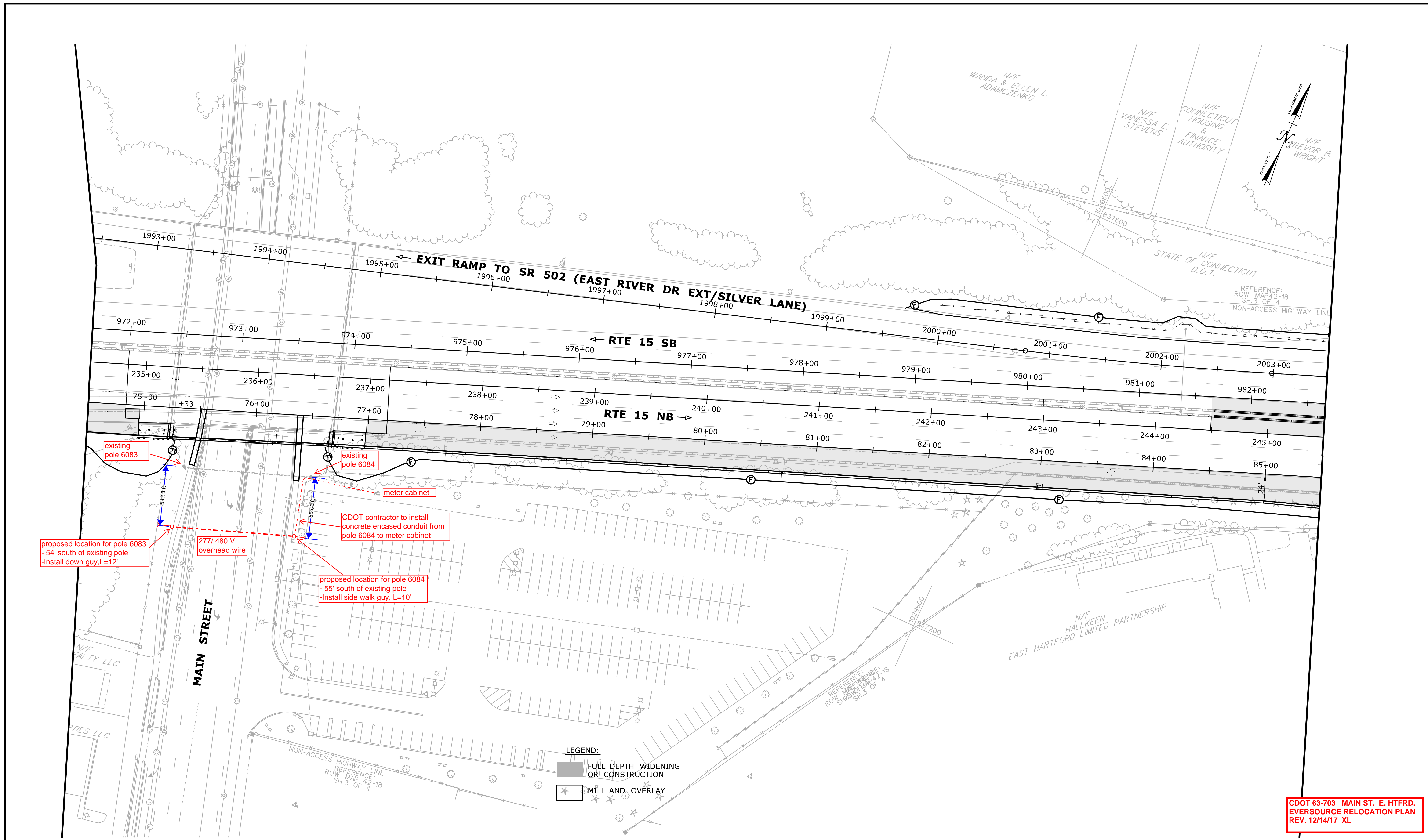
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PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 5/15 NB TO I-84 EB

CITY/TOWN:
HARTFORD EAST HARTFORD
EVERSOURCE ENERGY

PROJECT NO.
63-703
 DRAWING NO.
URP-02
EVERSOURCE RELOCATION PLAN FOR CDOT 63-703 RESERVE RD. HARTFORD NEAR CHARTER OAK BRIDGE

01.15.03.03



CDOT 63-703 MAIN ST. E. HTRFD.
EVERSOURCE RELOCATION PLAN
REV. 12/14/17 XL

INFORMATIONAL PURPOSES ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

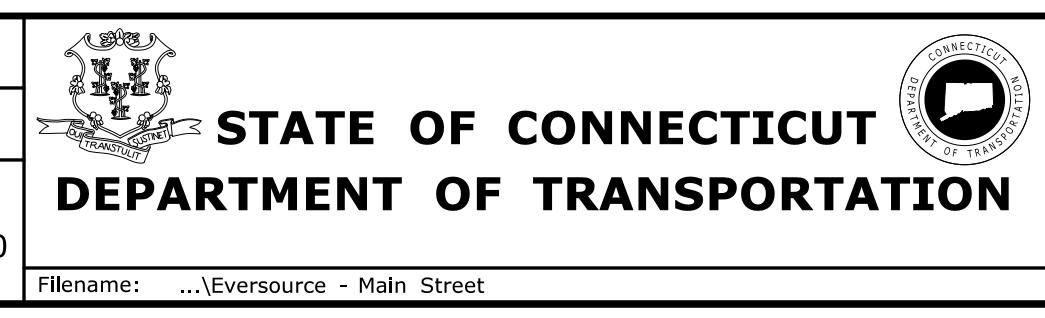
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Plotted Date: 8/4/2017

DESIGNER/DRAFTER:
MCS

CHECKED BY:
JDL

SCALE IN FEET
0 40 80
SCALE 1"=40'



SIGNATURE/
BLOCK:

PROJECT TITLE:
**RELOCATION OF I-91 NB
INTERCHANGE 29 AND WIDENING
OF I-91 NB AND ROUTE 5/15 NB
TO I-84 EB**

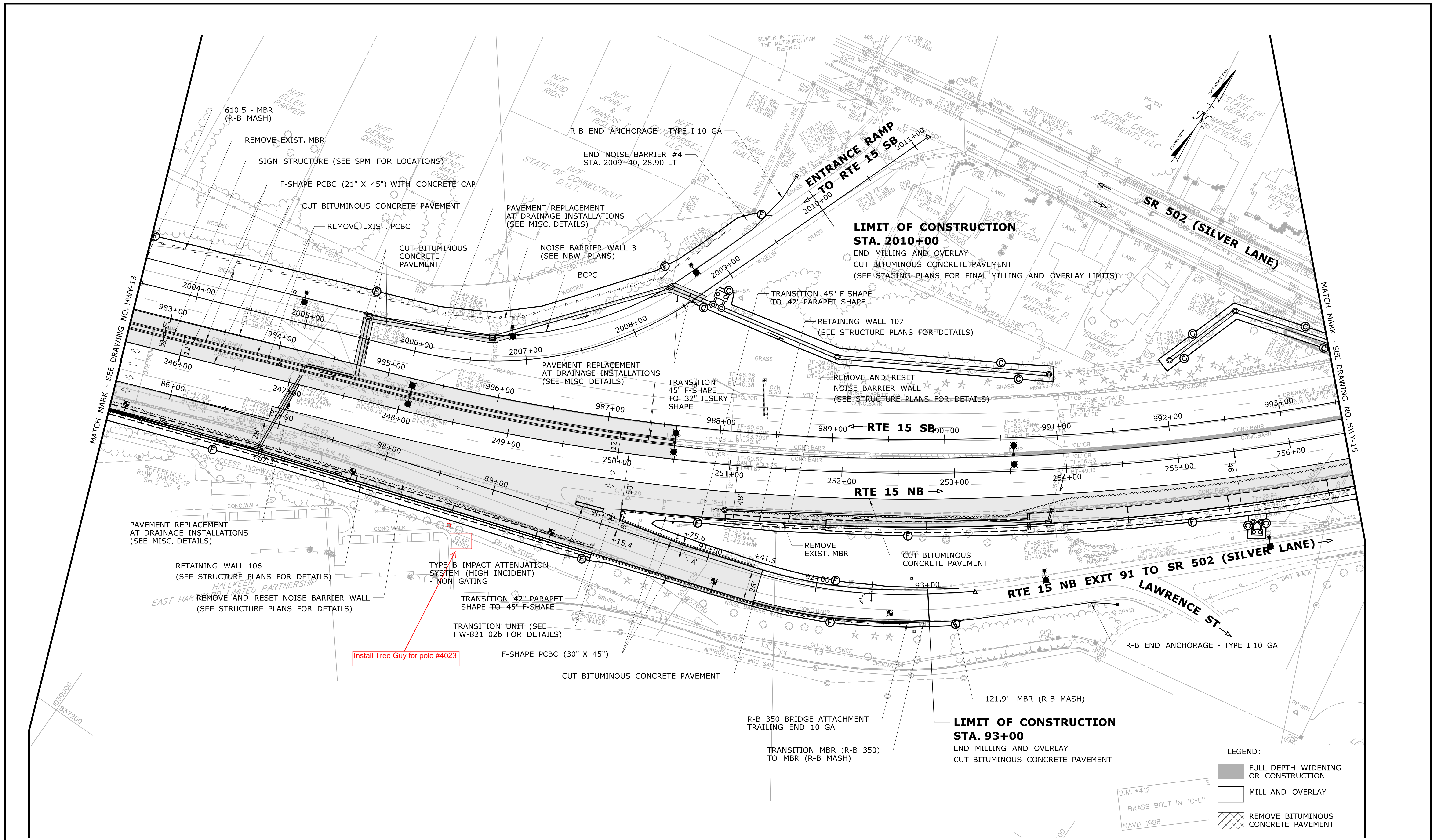
CITY/TOWN:
**HARTFORD
EAST HARTFORD**

DRAWING
EVERSOURCE
ENERGY

PROJECT NO.
63-703

DRAWING NO.
URP-03

SHEET NO.
01.15.03.04



- LEGEND:**
- FULL DEPTH WIDENING OR CONSTRUCTION
 - MILL AND OVERLAY
 - REMOVE BITUMINOUS CONCRETE PAVEMENT

INFORMATIONAL PURPOSES ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 3/22/2018

DESIGNER/DRAFTER:
RMA/REM

CHECKED BY:
GLJ/JDL

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

SCALE IN FEET
0 40 80
SCALE 1" = 40'

SIGNATURE/
BLOCK:

PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 5/15 NB TO I-84 EB

CITY/TOWN: **HARTFORD EAST HARTFORD**

PROJECT NO.: **63-703**

DRAWING NO.: **URP-04**

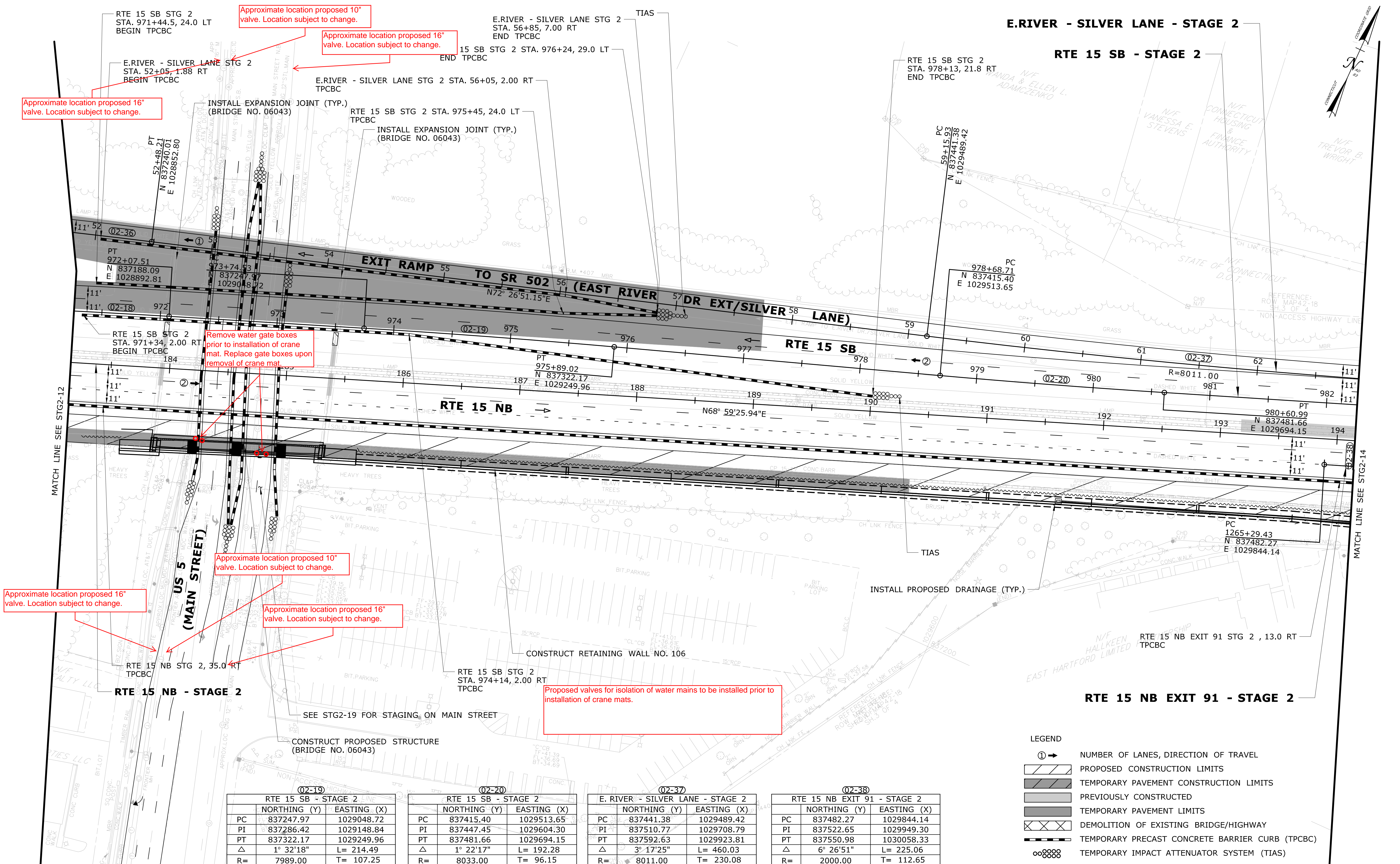
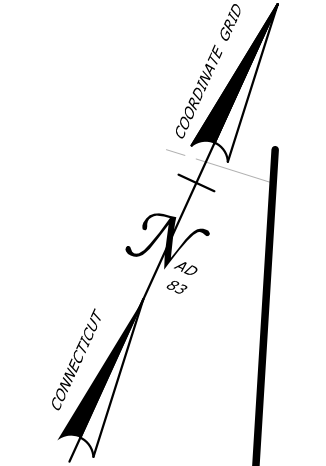
EVERSOURCE ENERGY

CDOT 63-703 EVERSOURCE
Additional support for pole #4023

01.15.03.05

E.RIVER - SILVER LANE - STAGE 2

RTE 15 SB - STAGE 2



Approximate location proposed 16" valve. Location subject to change.

Approximate location proposed 10" valve. Location subject to change.

Approximate location proposed 16" valve. Location subject to change.

Remove water gate boxes prior to installation of crane mat. Replace gate boxes upon removal of crane mats.

Approximate location proposed 10" valve. Location subject to change.

Approximate location proposed 16" valve. Location subject to change.

Approximate location proposed 16" valve. Location subject to change.

Proposed valves for isolation of water mains to be installed prior to installation of crane mats.

- LEGEND**
- ① → NUMBER OF LANES, DIRECTION OF TRAVEL
 - ▨ PROPOSED CONSTRUCTION LIMITS
 - ▨ TEMPORARY PAVEMENT CONSTRUCTION LIMITS
 - ▨ PREVIOUSLY CONSTRUCTED
 - ▨ TEMPORARY PAVEMENT LIMITS
 - ⊗⊗⊗ DEMOLITION OF EXISTING BRIDGE/HIGHWAY
 - TPBCB TEMPORARY PRECAST CONCRETE BARRIER CURB (TPCBC)
 - ⊙⊙⊙⊙ TEMPORARY IMPACT ATTENUATOR SYSTEM (TIAS)

RTE 15 SB - STAGE 2		
	NORTHING (Y)	EASTING (X)
PC	837247.97	1029048.72
PI	837286.42	1029148.84
PT	837322.17	1029249.96
Δ	1° 32'18"	L= 214.49
R=	7989.00	T= 107.25

RTE 15 SB - STAGE 2		
	NORTHING (Y)	EASTING (X)
PC	837415.40	1029513.65
PI	837447.45	1029604.30
PT	837481.66	1029694.15
Δ	1° 22'17"	L= 192.28
R=	8033.00	T= 96.15

E. RIVER - SILVER LANE - STAGE 2		
	NORTHING (Y)	EASTING (X)
PC	837441.38	1029489.42
PI	837510.77	1029708.79
PT	837592.63	1029923.81
Δ	3° 17'25"	L= 460.03
R=	8011.00	T= 230.08

RTE 15 NB EXIT 91 - STAGE 2		
	NORTHING (Y)	EASTING (X)
PC	837482.27	1029844.14
PI	837522.65	1029949.30
PT	837550.98	1030058.33
Δ	6° 26'51"	L= 225.06
R=	2000.00	T= 112.65

FINAL DESIGN REVIEW

<p>DESIGNER/DRAFTER: C. VERGE</p> <p>CHECKED BY: S. WEXELL</p> <p>SCALE IN FEET 0 40 80 SCALE 1"=40'</p>	<p>STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION</p>	<p>SIGNATURE/ BLOCK:</p>	<p>PROJECT TITLE: RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 15 NB TO I-84 EB</p>	<p>CITY/TOWN: EAST HARTFORD</p>	<p>PROJECT NO. 63-703</p> <p>DRAWING NO. URP-05</p> <p>SHEET NO. 01.15.03.06</p>
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REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 12/18/2017

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Filename: ...VHW_MSH_0063_0703_09-08_STG2-13.dgn

New 96fiber cable will need to be replaced from MH 2230, through MH 2231 to lateral P391, run aerially, over bridge to lateral P394, back under ground to MH 2124 Brainard Rd.

New fiber cable from MH 2230, Airport Rd, C/O Locust St

MH 2231

Frontier to level and reset frame and cover to existing manhole.

Frontier to break out 2-4" plastic conduits located at base of old pole 391 and extend both 15' to base of new pole 391. Place y-cast to duct with existing cable at old pole 391. Place 2 sweeps at base of new pole 391 and cap both ducts.

New fiber cable going to MH 2124 Brainard Rd, INFO # 40

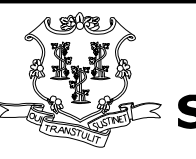
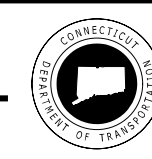
EVERSOURCE proposed relocation for pole 391, 45' CL1 -15' westward, and approx. 4' behind new guard rail

FOR INFORMATION ONLY

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 12/20/2017

DESIGNER/DRAFTER:
RMA/REM
CHECKED BY:
GLJ/JDL
SCALE IN FEET
0 40 80
SCALE 1"=40'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Signature/Block: _____
Project Title: _____

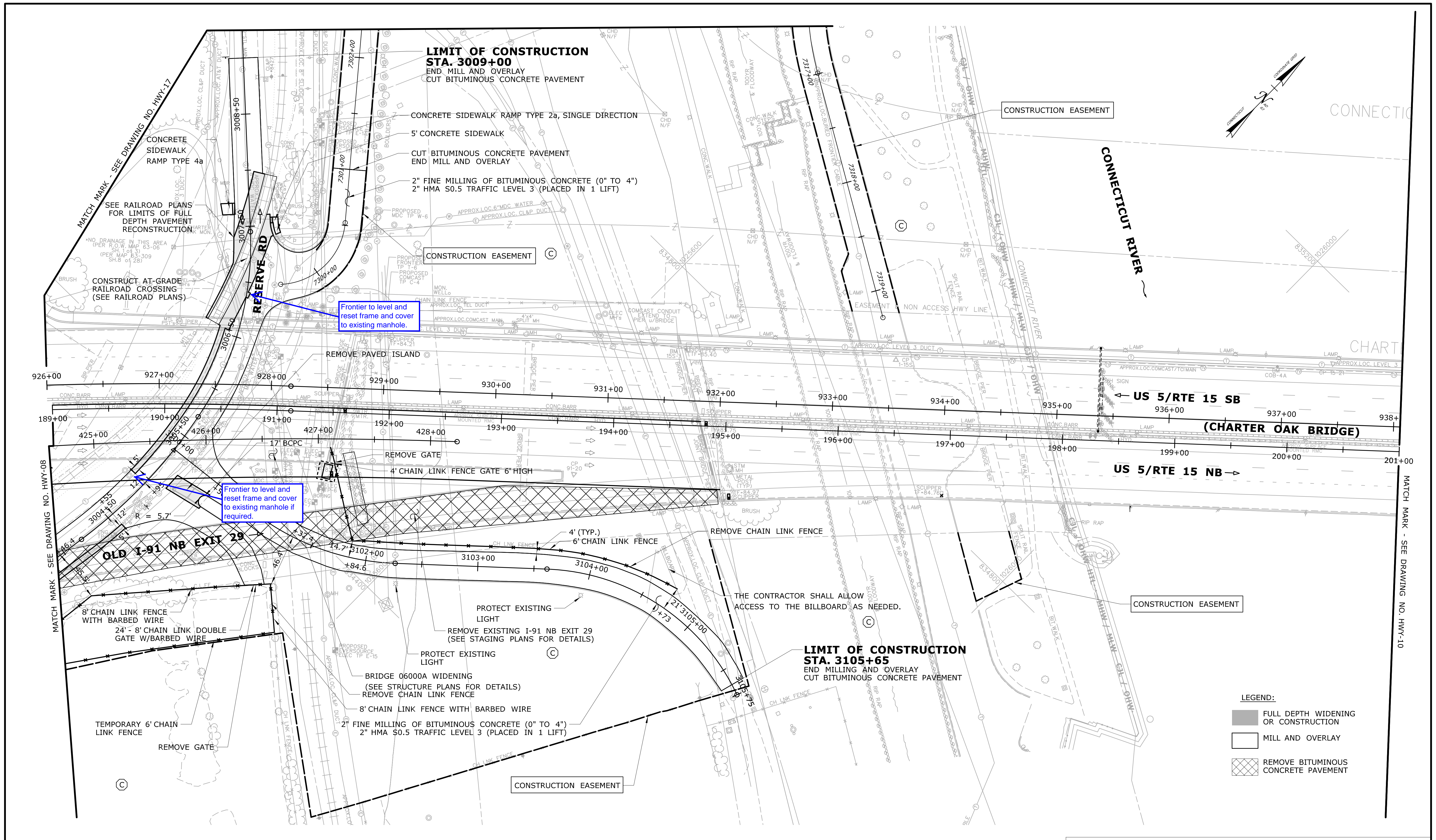
PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 5/15 NB TO I-84 EB

CITY/TOWN: **HARTFORD EAST HARTFORD**

PROJECT NO. **63-703**
DRAWING NO. **URP-06**

frontier COMMUNICATIONS
CT DOT 63-703 AIRPORT RD
HRFR FRONTIER UG RELOCATION
PLAN REV 2/28/18, 6/22/18

01.15.03.07



LIMIT OF CONSTRUCTION STA. 3009+00
 END MILL AND OVERLAY
 CUT BITUMINOUS CONCRETE PAVEMENT

- CONCRETE SIDEWALK RAMP TYPE 2a, SINGLE DIRECTION
- 5' CONCRETE SIDEWALK
- CUT BITUMINOUS CONCRETE PAVEMENT
END MILL AND OVERLAY
- 2" FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4")
2" HMA S0.5 TRAFFIC LEVEL 3 (PLACED IN 1 LIFT)

LIMIT OF CONSTRUCTION STA. 3105+65
 END MILLING AND OVERLAY
 CUT BITUMINOUS CONCRETE PAVEMENT

- LEGEND:**
- FULL DEPTH WIDENING OR CONSTRUCTION
 - MILL AND OVERLAY
 - REMOVE BITUMINOUS CONCRETE PAVEMENT

FINAL DESIGN REVIEW

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 12/20/2017

DESIGNER/DRAFTER: **RMA/REM**
 CHECKED BY: **GLJ/JDL**
 SCALE IN FEET
 SCALE 1"=40'

STATE OF CONNECTICUT
 DEPARTMENT OF TRANSPORTATION

File name: ...VHW_MSH_0063_0703_02-07_HWY-09.dgn

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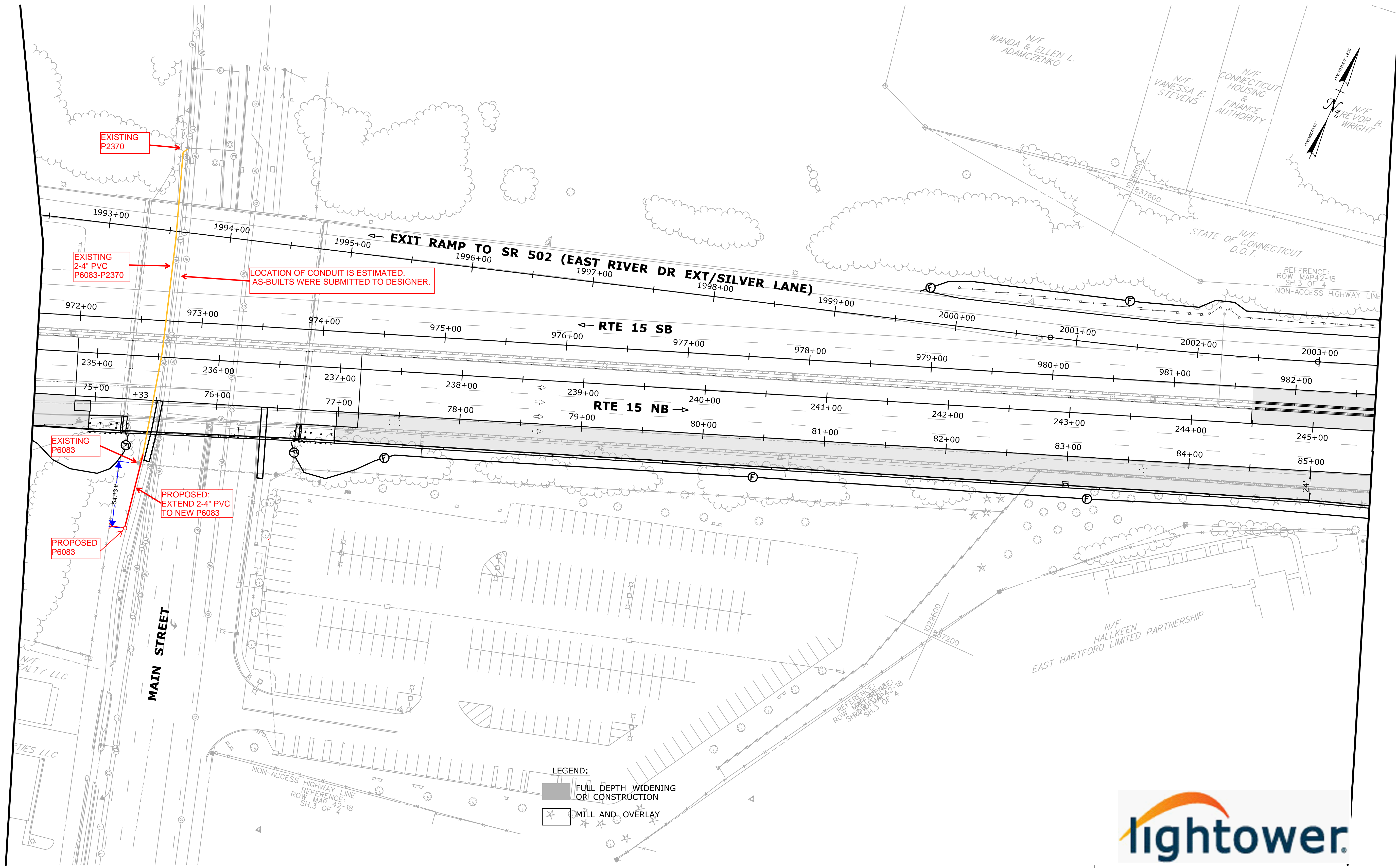
PROJECT TITLE:
**RELOCATION OF I-91 NB
 INTERCHANGE 29 AND WIDENING
 OF I-91 NB AND ROUTE 5/15 NB
 TO I-84 EB**

CITY/TOWN: **HARTFORD
 EAST HARTFORD**

PROJECT NO. **63-703**
 DRAWING NO. **URP-07**

FRONTIER COMMUNICATIONS
 CT DOT 63-703 RESERVE RD HRFR
 FRONTIER UG RELOCATION PLAN
 REV 3/15/18

01.15.03.08

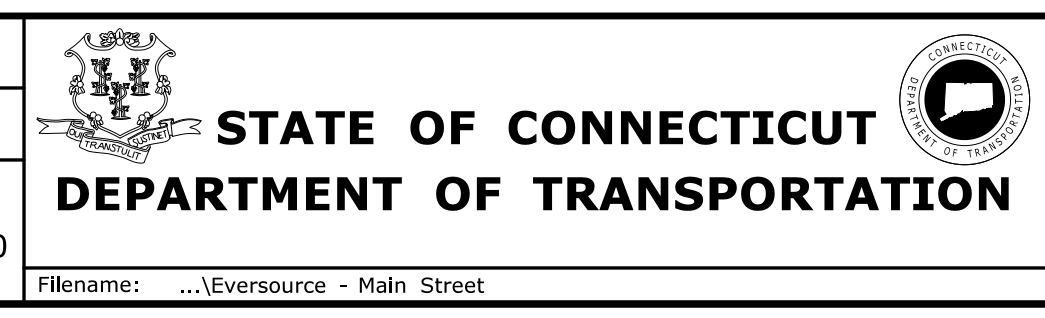


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DESIGNER/DRAFTER: **MCS**
 CHECKED BY: **JDL**
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 SCALE 1"=40'



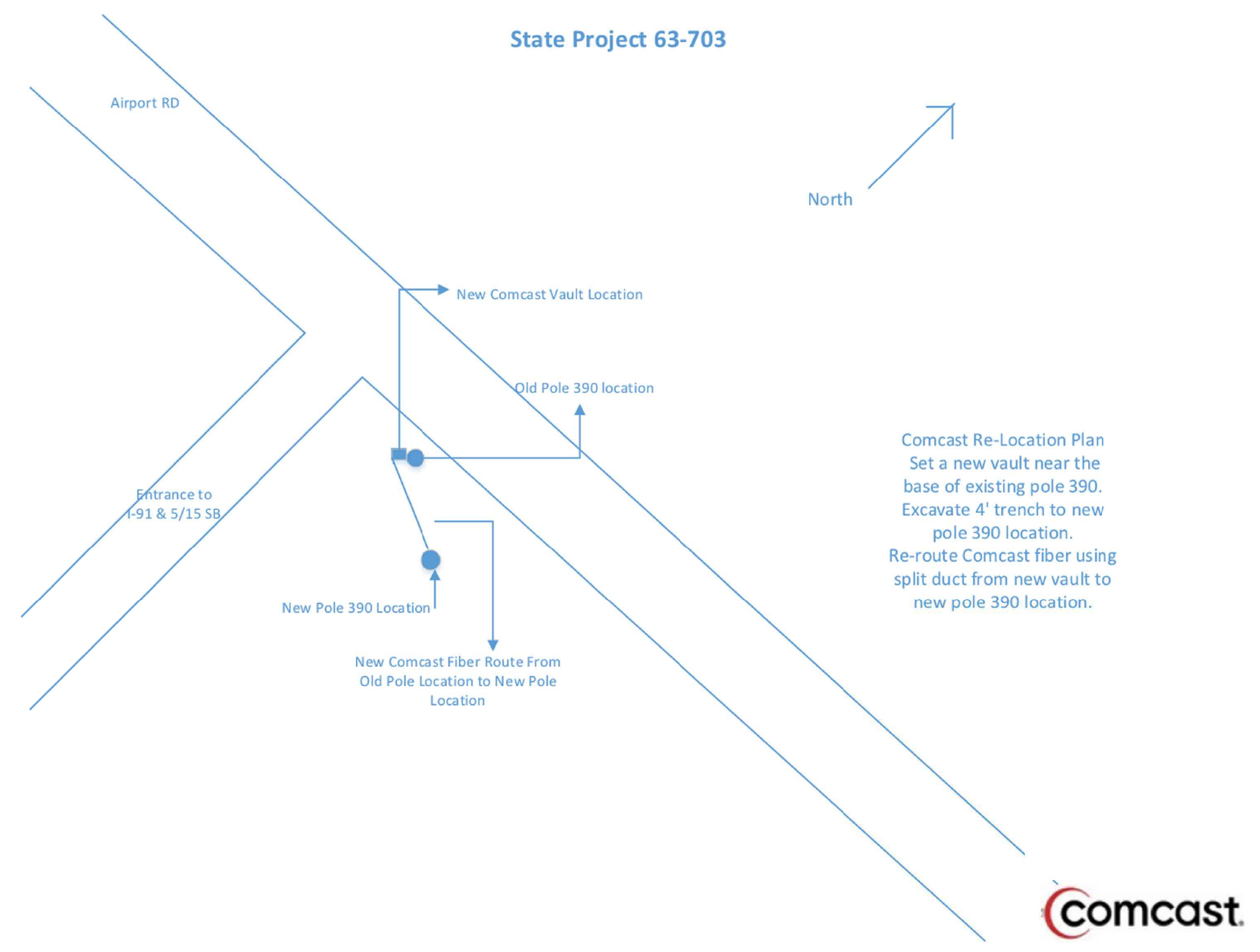
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PROJECT TITLE:
RELOCATION OF I-91 NB INTERCHANGE 29 AND WIDENING OF I-91 NB AND ROUTE 5/15 NB TO I-84 EB

CITY/TOWN: **HARTFORD EAST HARTFORD**
 CROWN CASTLE FIBER RELOCATION PLAN
 SUBMITTED BY: TERENCE J. SHEA
 12/28/2017

PROJECT NO. **63-703**
 DRAWING NO. **URP-08**
 SHEET NO. **01.15.03.09**

Filename: ...Eversource - Main Street



Comcast Re-Location Plan
 Set a new vault near the base of existing pole 390.
 Excavate 4' trench to new pole 390 location.
 Re-route Comcast fiber using split duct from new vault to new pole 390 location.

FOR INFORMATION ONLY

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		CHECKED BY: JDL		NOT TO SCALE						DRAWING NO. URP-09
		Plotted Date: 8/21/2018								
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Filename: ...VHW_MSH_0063_0703_15-03_URP-09.dgn						