

**VTRANS Sharon Hartford I-89 Fiber Optic Installation Tasks by Station**

Sheet #	Start Sta.	End Sta.	Distance	Operational Notes
1 of 14		510+00	0	Start of Project @ I-91 NB Hartford Rest Area
1 of 14			600	I-91 NB RA to I-91 SB RA utilizing existing 6" HDPE duct
1 of 14	51092.5	51147.5	55	Trench area for Splice Vault #1 in I-91 SB Hartford RA
1 of 14			100	Additional Trench to Expose Existing 6" HDPE at I-91 SB Hartford RA
1 of 14	51147.5	54205.5	3058	Spider Plow
1 of 14	54205.5	54260.5	55	Handhole #1
1 of 14	54260.5	55800	1539.5	Spider Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
2 of 14	55800	56697.5	897.5	Spider Plow
2 of 14	56697.5	56752.5	55	Handhole #2
2 of 14	56752.5	58812.5	2060	Trench & Place (2) 4" BSP at I-91 and I-89 Interchange
2 of 14	472.5	527.5	55	Splice Vault #2
2 of 14	527.5	2372.5	1845	Cat Plow
2 of 14	2372.5	2427.5	55	Handhole #3
2 of 14	2427.5	4177.5	1750	Cat Plow
2 of 14	4177.5	4232.5	55	Handhole #4
2 of 14	4232.5	4497.5	265	Directional Drill
2 of 14	4497.5	4552.5	55	Splice Vault #2
2 of 14	4552.5	5200	647.5	Cat Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
3 of 14	5200	5472.5	272.5	Cat Plow
3 of 14	5472.5	5527.5	55	Handhole #5
3 of 14	5527.5	6202.5	675	Directional Bore Vt. 5 and Thru HH#6
3 of 14	5542.5	5597.5	55	Trench for HH #6
3 of 14	6202.5	6257.5	55	Trench for HH #7
3 of 14	6257.5	9017.5	2760	Cat Plow
3 of 14	9017.5	9072.5	55	Handhole #8S (Splice Point)
3 of 14	9072.5	9800	727.5	Cat Plow
3 of 14	9800	10300	500	Trench
3 of 14	10300	11100	800	Cat Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
4 of 14	11100	11900.5	800.5	Cat Plow
4 of 14	11900.5	11955.5	55	Handhole #9
4 of 14	11955.5	14754.5	2799	Cat Plow
4 of 14	14754.5	14809.5	55	Handhole #10
4 of 14	14809.5	16800	1990.5	Cat Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
5 of 14	16800	17227.5	427.5	Cat Plow
5 of 14	17227.5	17282.5	55	Handhole #11
5 of 14	17282.5	17355	72.5	Trench & Place (2) 4" BSP
5 of 14	17355	17947.5	592.5	Cat Plow
5 of 14	17947.5	18002.5	55	Handhole #12S
5 of 14	18002.5	18435	432.5	Directional Bore I-89 Median to Exit 1 NB Off Ramp
5 of 14	18435	19397.5	962.5	Trench and Place Hex-Pac I-89 Exit 1 Off ramp from I-89 NB
5 of 14	19397.5	19452.5	55	Handhole #13
5 of 14	19452.5	19670.5	218	Directional Drill at Exit 1 and VT. 4
5 of 14	19670.5	19725.5	55	Handhole #14
5 of 14	19725.5	20560.5	835	Trench and Place Hex-Pac I-89 Exit 1 On ramp to I-89 NB
5 of 14	20560.5	20615.5	55	Handhole #15
5 of 14	20615.5	21065.5	450	Directional Bore Exit 1 On ramp for I-89 NB to I-89 NB Median
5 of 14	21065.5	21120.5	55	Handhole #16
5 of 14	21120.5	22197.5	1077	Cat Plow in median
5 of 14	22197.5	22252.5	55	Handhole #17
5 of 14	22552.5	22800	247.5	Trench & Place (2) 4" BSP - Remove and restore asphalt paving
5 of 14	22800	22900	100	Cat Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
6 of 14	22900	24278.5	1378.5	Cat Plow
6 of 14	24278.5	24333.5	55	Handhole #18
6 of 14	24333.5	27078.5	2745	Cat Plow
6 of 14	27078.5	27133.5	55	Handhole #19S
6 of 14	27133.5	28600	1466.5	Cat Plow
6 of 14	28600	28655	55	Handhole #20
6 of 14	28655	28900	245	Trench & Place (2) 4" BSP
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
7 of 14	28900	29600.5	700.5	Trench & Place (2) 4" BSP
7 of 14	29600.5	29655.5	55	Handhole #21
7 of 14	29655.5	32400.5	2745	Cat Plow
7 of 14	32400.5	32455.5	55	Handhole #22
7 of 14	32455.5	34900	2444.5	Cat Plow

Sheet #	Start Sta.	End Sta.	Distance	Operational Notes
7 of 14	34900	34900.5	0.5	Cat Plow
8 of 14	34900.5	34955.5	55	Handhole #23
8 of 14	34955.5	35307.5	352	Trench & Place Hex Pac
8 of 14	35307.5	35362.5	55	Handhole #24
8 of 14	35362.5	36464.5	1102	Bridge #11 Attachment (see detail sheets)
8 of 14	36464.5	36519.5	55	Handhole #25S
8 of 14	36519.5	37382.5	863	Cat Plow
8 of 14	37382.5	37437.5	55	Handhole #26
8 of 14	37437.5	37825	387.5	Trench & Place (2) 4" BSP
8 of 14	37825	40037.5	2212.5	Cat Plow
8 of 14	40037.5	40092.5	55	Handhole #27
8 of 14	40092.5	41200	1107.5	Cat Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
9 of 14	41200	42100	900	Cat Plow
9 of 14	42100	42322.5	222.5	Trench and Place (2) 4" Black Steel Pipes
9 of 14	42322.5	42377.5	55	Handhole #28
9 of 14	42377.5	45722.5	3345	Spider Plow
9 of 14	45722.5	45777.5	55	Handhole #29S - Splice Point
9 of 14	45777.5	45922.5	295	Directional Bore includes 150' for elevation change
9 of 14	45922.5	45977.5	55	Handhole #30
9 of 14			1600	Trench & Place Hex-Pac Around Sharon RA
10 of 14			400	Trench & Place (2) 4" BSP Around Sharon RA
9 of 14			55	Splice Vault #4 Trench area
9 of 14	47297.5	47352.5	55	Handhole #31
9 of 14	47352.5	47400	147.5	Directional Bore across I-89 NB includes 100' for horizontal transition
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
10 of 14	47400	47772.5	372.5	Directional Bore across I-89 NB
10 of 14	47772.5	47827.5	55	Handhole #32
10 of 14	47827.5	48800	972.5	Trench & Place (2) 4" BSP
10 of 14	48800	50772.5	1972.5	Spider Plow
10 of 14	50772.5	50827.5	55	Handhole #32
10 of 14	50827.5	51025	197.5	Trench & Place Hex Pac (double x-over - open cut)
10 of 14	51025	52822.5	1797.5	Cat Plow
10 of 14	52822.5	52877.5	55	Handhole # 34S
10 of 14	52877.5	53700	822.5	Cat Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
11 of 14	53700	53797.5	97.5	Cat Plow
11 of 14	53797.5	53852.5	55	Handhole #35
11 of 14	53852.5	56597.5	2745	Cat Plow
11 of 14	56597.5	56652.5	55	Handhole #36
11 of 14	56652.5	58425	1772.5	Cat Plow
11 of 14	58425	58972.5	547.5	Trench & Place (2) 4" BSP
11 of 14	58972.5	59027.5	55	Handhole #37
11 of 14	59027.5	59200	172.5	Cat Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
12 of 14	59200	62072.5	2872.5	Cat Plow
12 of 14	62072.5	62127.5	55	Handhole #38S
12 of 14	62127.5	63800	1672.5	Cat Plow
12 of 14	63800	64322.5	522.5	Trench & Place (2) 4" BSP
12 of 14	64322.5	64377.5	55	Handhole #39
12 of 14	64377.5	65050	672.5	Cat Plow
12 of 14	65050	65150	100	Trench & Place (2) 4" BSP
12 of 14	65150	65400	250	Cat Plow
<b>Sheet # Start Sta. End Sta. Distance Operational Notes</b>				
13 of 14	65400	66400	1000	Cat Plow
13 of 14	66400	66972.5	572.5	Trench & Place (2) 4" BSP
13 of 14	66972.5	67027.5	55	Handhole #40
13 of 14	67027.5	68500	1472.5	Cat Plow
13 of 14	68500	68775	275	Trench & Place (2) 4" BSP
13 of 14	68775	69122.5	347.5	Cat Plow
13 of 14	69122.5	69177.5	55	Handhole #41
13 of 14	69177.5	70122.5	945	Directional Bore to Exit 2 on ramp of I-89 SB
13 of 14	70122.5	70177.5	55	Handhole #42
13 of 14	70177.5	70802.5	625	Trench & Place Hex Pac
13 of 14	70802.5	70857.5	55	Handhole #43
13 of 14	70857.5	70932.5	75	Directional Bore VT. 132
13 of 14	70932.5	70987.5	55	Handhole #44S includes 150' of cable at final handhole

FILE NAME	HANDHOLE LABEL	COORDINATES	
		NORTHING	EASTING
LA 1	Existing MH @ I91 NB RA	408859.27	1681271.62
	Existing MH @ I91 SB RA	409028.22	1680648.29
	SV #1	409013.20	1680741.00
LA 2	HH #1	411796.43	1682140.11
	SV#2	413920.85	1680732.00
	HH #2	414103.17	1683020.10
	HH #3	415110.44	1683655.04
LA 3	HH #4	416214.00	1682223.72
	SV #3	416493.86	1682042.04
	HH #5	417163.16	1681327.44
	HH #6	417191.65	1681350.25
LA 4	HH #7	417851.54	1681026.48
	HH #8S	420557.76	1680667.57
	HH #9	422663.39	1678906.34
LA 5	HH #10	423272.12	1676118.31
	HH #11	423786.21	1673756.11
	HH #12S	423951.02	1672998.83
	HH #13	424755.92	1671844.29
	HH #14	424875.48	1671629.85
	HH #15	425304.55	1670836.09
	HH #16	425599.46	1670417.09
LA 6	HH #17	426437.58	1669653.02
	HH #18	428009.63	1668289.49
	HH #19S	430401.41	1666857.37
LA 7	HH #20	431826.92	1666325.51
	HH #21	432763.84	1665975.95
LA 8	HH #22	435387.20	1664997.18
	HH #23	437667.46	1664101.95
	HH #24	437729.48	1664123.28
	HH #25S	439157.81	1663590.38
	HH #26	440036.65	1663239.96
LA 9	HH #27	442712.10	1663363.59
	HH #28	444740.95	1662988.75
	HH #29S	446656.49	1660349.79
	HH #30	446903.36	1660248.25
LA 10	SV #4	447299.99	1660294.02
	HH #31	447650.53	1659125.84
	HH #32	447962.44	1658723.01
LA 11	HH #33	450869.98	1658003.67
	HH #34S	452595.49	1657050.87
LA 12	HH #35	453318.13	1656410.05
	HH #36	455782.88	1655043.46
	HH #37	458008.14	1654214.37
LA 13	HH #38S	461014.92	1654690.05
	HH #39	463272.52	1654840.59
	HH #40	465869.96	1655003.92
	HH #41	467840.45	1654283.05
	HH #42	468464.78	1653547.48
	HH #43	466947.23	1654363.81
	HH #44S	468754.61	1652857.77

SEE ATTACHED SHEETS FOR N & E

PROJECT NAME: HARTFORD SHARON  
 PROJECT NUMBER: FITS503  
 FILE NAME: z06e142RUP.dgn  
 PROJECT LEADER: J. YOUNG  
 DESIGNED BY: J. DURANTE  
 RUNNING LINE ROLL-UP  
 PLOT DATE: 9/16/2010  
 DRAWN BY: S. GUNN  
 CHECKED BY: J. YOUNG  
 SHEET 35 OF 70