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STRUCTURES DETAIL SHEET

SD-516.10 BRIDGE JOINT ASPHALTIC PLUG

VAOT STANDARDS

A-60	06-01-1994	E-193	08-18-1995
A-62	06-30-1995	G-1	02-10-2014
D-30	08-13-2007	G-1d	02-10-2014
D-33	03-12-2007	J-3	08-07-1995
E-121	08-08-1995	RR-1	06-01-1994
E-123	03-16-2004	S-367B	05-24-2012
E-127	08-08-1995	T-1	08-06-2012
E-136B	08-08-1995	T-10	08-06-2012
E-140	08-30-1996	T-17	08-06-2012
E-141	09-20-1995	T-24	08-06-2012
E-142	09-20-1995	T-28	08-06-2012
E-143	06-15-2004	T-29	08-06-2012
E-150	05-01-2004	T-30	08-06-2012
E-152	05-01-2004	T-35	08-06-2012
E-153	05-01-2004	T-36	08-06-2012
E-154	05-01-2004	T-40	01-02-2013
E-190	06-30-2003	T-42	04-09-2014
E-191	02-01-1999	T-44	04-09-2014
E-192	10-12-2000	T-45	01-02-2013

GENESEE & WYOMING DETAILS

ES6005.I	TYPICAL XING PLAN & SECTION VIEWS 115 RE RAIL, 10' TIMBER TIES, 8-1/2" PANEL LENGTH	07-03-2013
ES6006.I	TYPICAL CROSSING CROSS-SECTION SUBGRADE REQUIREMENTS	07-03-2013
ES6007.I(1)	TRANSITION ZONE FROM GRADE CROSSING TO EXISTING TIES (DETAIL)	07-03-2013
ES6007.I(2)	TRANSITION ZONE FROM GRADE CROSSING TO EXISTING TIES (PLAN)	07-03-2013
ES8050.I	TYPICAL TRACK ANCHOR AND SPIKING PATTERN FOR CONTINUOS WELDED & JOINTED TRACK	07-03-2013
ES8051.I	MAINLINE TYPICAL TRACK CROSS SECTION AND SUBGRADE REQUIREMENTS FOR NEW CONSTRUCTION	09-05-2013

SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA	
DESIGN LANE/DESIGN LIFE ESALS	436,590
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	SEE SUBSECTION 490.03(b)

TRAFFIC DATA

RANDOLPH MM 0.389 TO BRAINTREE MM 1.231	BRAINTREE MM 1.231 TO ROXBURY MM 0.669
<u>AADT</u> 2014 = 3100 2034 = 3300 <u>DHV</u> 2014 = 350 2034 = 370 <u>%T</u> 2014 = 5.5 2034 = 8.3 <u>%D</u> 2014 = 63 2034 = 63 <u>ADTT</u> 2014 = 180 2034 = 290 <u>ESALS</u> 2014-2034 = 693,000 2014-2054 = 1,610,000	<u>AADT</u> 2014 = 1000 2034 = 1100 <u>DHV</u> 2014 = 130 2034 = 150 <u>%T</u> 2014 = 4.8 2034 = 7.4 <u>%D</u> 2014 = 59 2034 = 59 <u>ADTT</u> 2014 = 75 2034 = 130 <u>ESALS</u> 2014-2034 = 251,000 2014-2054 = 600,000

REV	DESCRIPTION	DATE
1	ADDED UNSUITABLE MATERIAL DETAIL	1-16-2015



PROJECT NAME: RANDOLPH-ROXBURY	
PROJECT NUMBER: ER STP 0187(II)	
FILE NAME: z13cl82frm.dgn	PLOT DATE: 1/16/2015
PROJECT LEADER: M. FOISY	DRAWN BY: G. BURGMEIER
DESIGNED BY: G. BURGMEIER	CHECKED BY: M. FOISY
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