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DETAIL

BRIDGE JOINT ASPHALTIC PLUG (STRUCTURES DETAIL SD-516.10)

VAOT STANDARDS

B-71	07-08-05
C-3A	03-10-08
C-3B	03-10-08
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E-121	08-08-95
E-127	08-08-95
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E-145B	12-23-94
E-163	05-20-99
E-170	11-04-99
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E-172	08-09-95
E-190	06-30-03
E-191	02-01-99
E-192	10-12-00
E-193	08-18-95
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RR-1	06-01-94
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T-2	04-25-16
T-10	08-06-12
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T-33	08-06-12
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T-73	04-25-16
T-92	10-26-15
T-93	10-26-15
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SUPERPAVE MIXTURE DESIGN CRITERIA

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA VT ROUTE 2A	
DESIGN LANE/DESIGN LIFE ESAL	3,983,680
DESIGN NUMBER OF GYRATIONS	80
PERFORMANCE GRADE ASPHALT BINDER	70-28

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA VT ROUTE 15	
DESIGN LANE/DESIGN LIFE ESAL	3,359,400
DESIGN NUMBER OF GYRATIONS	80
PERFORMANCE GRADE ASPHALT BINDER	70-28

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA VT ROUTE 117	
DESIGN LANE/DESIGN LIFE ESAL	2,033,140
DESIGN NUMBER OF GYRATIONS	80
PERFORMANCE GRADE ASPHALT BINDER	70-28

TRAFFIC DATA VT ROUTE 2A

LOCATION	AADT		DHV		%T		%D		ESALs		
	2016	2026	2016	2026	2016	2026	2016	2026	2016-2026	2016-2036	
ESSEX VT ROUTE 2A											
BEGIN PROJECT TO SOUTH/RIVER STREET	18,100	18,500	1,800	1,900	4.8	5.7	55	55	2,883,000	6,369,000	
SOUTH/RIVER STREET TO VT ROUTE 15/VT ROUTE 117	15,400	15,700	1,600	1,600	2.9	3.4	59	59	2,892,000	6,752,000	
VT ROUTE 15/VT ROUTE 117 TO END PROJECT	7,800	8,000	830	850	4.2	5.1	56	56	1,172,000	2,623,000	
POSTED SPEED	25 MPH										

TRAFFIC DATA VT ROUTE 15

LOCATION	POSTED SPEED	AADT		DHV		%T		%D		ESALs	
		2016	2026	2016	2026	2016	2026	2016	2026	2016-2026	2016-2036
ESSEX VT ROUTE 15											
BEGIN PROJECT TO SOUTH SUMMIT STREET	45/35/30/25 MPH	14,300	14,600	1,500	1,500	1.3	1.7	52	52	862,000	2,050,000
SOUTH SUMMIT STREET VT ROUTE 2A/VT ROUTE 117	25 MPH	12,900	13,200	1,400	1,400	1.8	2.1	61	61	1,877,000	4,396,000
VT ROUTE 2A/VT ROUTE 117 TO EDUCATIONAL DRIVE	25 MPH	10,800	11,000	1,100	1,200	2.9	3.5	66	66	2,349,000	5,090,000
EDUCATIONAL DRIVE TO END PROJECT	25/30 MPH	12,300	12,500	1,300	1,300	2.7	3.3	57	57	1,676,000	3,696,000

TRAFFIC DATA VT ROUTE 117

LOCATION	AADT		DHV		%T		%D		ESALs		
	2016	2026	2016	2026	2016	2026	2016	2026	2016-2026	2016-2036	
ESSEX VT ROUTE 117											
BEGIN PROJECT TO MANSFIELD AVENUE	8,200	8,400	870	890	3.9	4.6	59	59	1,621,000	3,446,000	
MANSFIELD AVENUE TO END PROJECT	7,300	7,400	820	830	2.6	3.2	59	59	702,000	1,594,000	
POSTED SPEED LIMIT	25 MPH										

PROJECT NAME: ESSEX JUNCTION & COLCHESTER-ESSEX	
PROJECT NUMBER: STP 2956(1), NH 2956(2) & STPG SGNL(45)	
FILE NAME: z14v25lcomp_ind.dgn	PLOT DATE: 5/9/2016
PROJECT LEADER: D.GOZALKOWSKI	DRAWN BY: A. KIRBY
DESIGNED BY: J. OLSEN	CHECKED BY: J. SHIELDS
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