

**CHESTER**

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA - VT. ROUTE II	
DESIGN LANE/DESIGN LIFE ESAL	2,805,600
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	70-28

TRAFFIC DATA VT. ROUTE II

LOCATION	AADT		DHV		ESALs	
	2015	2025	2015	2025	2015~2025	2015~2035
CHESTER VT. ROUTE II	2015	2025	2015	2025	2015~2025	2015~2035
BEGIN PROJECT TO CHURCH STREET	4400	4500	500	510	1,672,000	3,975,000
CHURCH STREET TO DEPOT STREET	5200	5400	590	610	1,763,000	4,275,000
DEPOT STREET TO END PROJECT	5900	6200	660	700	2,052,000	5,010,000

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA - VT. ROUTE 103

DESIGN LANE/DESIGN LIFE ESAL	4,389,570
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	70-28

TRAFFIC DATA VT. ROUTE 103

LOCATION	AADT		DHV		ESALs	
	2015	2025	2015	2025	2015~2025	2015~2035
CHESTER VT. ROUTE 103	2015	2025	2015	2025	2015~2025	2015~2035
BEGIN PROJECT TO VT. ROUTE II (MAPLE ST)	9300	9900	1500	1600	3,853,000	8,607,000
VT. ROUTE II (MAPLE ST) TO DEPOT STREET	3100	3300	490	520	2,023,000	4,679,000
DEPOT STREET TO FLAMSTEAD RD/FIRST AVE	4300	4500	680	720	2,217,000	4,805,000
FLAMSTEAD RD/FIRST AVE TO END PROJECT	3900	4100	620	650	1,606,000	3,512,000

**SPRINGFIELD**

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA - VT. ROUTE II	
DESIGN LANE/DESIGN LIFE ESAL	3,459,310
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	70-28

TRAFFIC DATA VT. ROUTE II

LOCATION	AADT		DHV		ESALs	
	2015	2025	2015	2025	2015~2025	2015~2035
SPRINGFIELD VT. ROUTE II	2015	2025	2015	2025	2015~2025	2015~2035
BEGIN PROJECT TO VT. ROUTE 106	8100	8300	910	930	1,187,000	2,613,000
VT. ROUTE 106 TO VALLEY ST	10900	11200	1200	1300	2,073,000	5,069,000
VALLEY ST TO SUMMER ST/PARK ST	11800	12200	1200	1300	2,135,000	5,243,000
SUMMER ST/PARK ST TO GROVE ST/MAIN ST/MINERAL ST	10000	10300	1100	1100	2,194,000	5,339,000
GROVE ST/MAIN ST/MINERAL ST TO BRIDGE ST	11900	12300	1300	1300	2,689,000	6,527,000
BRIDGE ST TO END PROJECT	9300	9600	980	1000	2,131,000	4,856,000

**ROCKINGHAM**

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA - U.S. ROUTE 5	
DESIGN LANE/DESIGN LIFE ESAL	2,155,680
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	70-28

TRAFFIC DATA U.S. ROUTE 5

LOCATION	AADT		DHV		ESALs	
	2015	2025	2015	2025	2015~2025	2015~2035
ROCKINGHAM U.S. ROUTE 5	2015	2025	2015	2025	2015~2025	2015~2035
BEGIN PROJECT TO VT. ROUTE 121 (OLD TERR)/MC 117 (WESTMINSTER ST)	7600	7800	840	860	1,500,000	3,676,000
VT. ROUTE 121 (OLD TERR)/MC 117 (WESTMINSTER ST) TO MC 117 (ROCKINGHAM ST)	5200	5300	570	580	844,000	2,064,000
MC 117 (ROCKINGHAM ST) TO END PROJECT	6400	6600	700	730	1,797,000	3,992,000

**WINDSOR**

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA - U.S. ROUTE 5	
DESIGN LANE/DESIGN LIFE ESAL	934,560
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	70-28

TRAFFIC DATA U.S. ROUTE 5

LOCATION	AADT		DHV		ESALs	
	2015	2025	2015	2025	2015~2025	2015~2035
WINDSOR U.S. ROUTE 5	2015	2025	2015	2025	2015~2025	2015~2035
BEGIN PROJECT TO UNION ST/BRIDGE ST	3600	3700	410	420	450,000	1,109,000
UNION ST/BRIDGE ST TO STATE ST	7700	7900	870	890	652,000	1,604,000
STATE ST TO END PROJECT	6600	6800	740	770	677,000	1,584,000

BITUMINOUS CONCRETE SUPERPAVE MIXTURE DESIGN CRITERIA - VT. ROUTE 44	
DESIGN LANE/DESIGN LIFE ESAL	417,240
DESIGN NUMBER OF GYRATIONS	65
PERFORMANCE GRADE ASPHALT BINDER	70-28

TRAFFIC DATA VT. ROUTE 44

LOCATION	AADT		DHV		ESALs	
	2015	2025	2015	2025	2015~2025	2015~2035
WINDSOR VT. ROUTE 44	2015	2025	2015	2025	2015~2025	2015~2035
BEGIN PROJECT TO COLE HILL RD/BROOK RD	1200	1300	160	170	57,000	139,000
COLE HILL RD/BROOK RD TO FAIRVIEW AVE	1800	1900	200	210	85,000	202,000
FAIRVIEW AVE TO ASCUTNEY ST/UNION ST	3000	3000	340	340	91,000	206,000
ASCUTNEY ST/UNION ST TO END PROJECT	4100	4200	470	480	278,000	684,000

**PAVEMENT MIXTURE DESIGN CRITERIA AND TRAFFIC DATA**

PROJECT NAME: CHESTER-SPRINGFIELD-ROCKINGHAM-WINDSOR	PLOT DATE: 4/2/2015
PROJECT NUMBER: STP 2952(1)	DRAWN BY: A. KIRBY
FILE NAME: z13c518d1.s.dgn	CHECKED BY: J. SHIELDS
PROJECT LEADER: D. GOZALKOWSKI	SHEET 3 OF 309
DESIGNED BY: A. HAWKINS	