

**HRTPO Staff Recommendations
Regional Funding Priorities for FY 2013-2018 SYIP
December 21, 2011**

BACKGROUND

Per the request made in a letter to Virginia MPOs, dated November 29, 2011, from Ms. Reta Busher, VDOT Chief of Planning and Programming, HRTPO staff has drafted regional funding priorities for eventual submission as part of the development of the FY 2013-2018 Six-Year Improvement Program. Ms. Busher's letter stated that the list of regional priorities should take the following CTB priorities into consideration:

- Fund deficits on underway project phases
- Maximize the use of federal funds to meet federal strategy
- Fund deficient bridges and paving projects
- Increase funding for preliminary engineering
- Support development of PPTAs
- Accelerate existing projects using additional funds
- Allocate funds consistent with how they will be obligated and expended
- Redirect inactive balances on projects

The HRTPO staff draft recommendations are meant to be a starting point for discussions by the Transportation Programming Subcommittee (TPS). The recommended funding priorities that come out of the TPS will be placed on the January 2012 TTAC agenda for consideration and recommendation to the HRTPO Board. The final list of regional priorities approved by the HRTPO Board will be submitted during a meeting with the state transportation agencies on February 8, 2012.

RECOMMENDED PRIORITIES: DEFICIENT BRIDGES

Table 1 lists all of the structurally deficient bridges in Hampton Roads. The bridges in the table have been listed in order by sufficiency rating. Sufficiency ratings were developed by the Federal Highway Administration to serve as a prioritization tool to allocate funds. The rating varies from 0 percent (poor) to 100 percent (very good). The formula considers structural adequacy, whether the bridge is functionally obsolete, and the level of service provided to the public.

The color-coding in Table 1 is as follows:

- Projects shaded in green are currently shown to be fully funded in the Transportation Improvement Program (TIP), based on the information shown in the VDOT databases.
- Projects shaded in orange are currently partially funded in the TIP.
- Projects shaded in yellow are currently shown to be fully funded in the Six-Year Improvement Program (SYIP).
- Projects shaded in blue are currently shown to be partially funded in the SYIP.

HRTPO Staff Prioritization Methodology

1. Continue to include all projects shaded in green and yellow as fully funded projects.
2. Provide additional funding to close the gap on the project shaded in blue.
3. Prioritize remaining bridge projects based on deck, superstructure, or substructure conditions of 3 or less.
4. Prioritize projects from #3 above based on sufficiency rating.

HRTPO Staff Top Bridge Projects

1. Lesner Bridge in Virginia Beach (UPC# 97737) (VA Structure ID 1814 & 1827) – Staff has learned that this project just had a significant cost increase. Therefore, the number 1 priority is to close the funding gap on that project.
2. Victory Boulevard over Paradise Creek in Portsmouth (UPC# 101233) (VA Structure ID 1816) – Close the funding gap on this project
3. 22nd Street over Seaboard Avenue and NS Railway in Chesapeake (VA Structure ID 1820)
4. Centerville Turnpike over Chesapeake and Albemarle Canal in Chesapeake (VA Structure ID 8003)
5. Jones Town Drive over Rattlesnake Swamp in Isle of Wight County (VA Structure ID 6043)
6. Bells Mill Road over Mill Creek in Chesapeake (VA Structure ID 8021)
7. Garrison Road over Burnt Mill Swamp (VA Structure ID 6059)
8. Beaver Dam Road over Drainage Ditch (VA Structure ID 8009)
9. Simmons Drive over Cohoon Creek (VA Structure ID 8014)
10. Turlington Road over Kilby Creek Spillway (VA Structure ID 8065)

**TABLE 1
STRUCTURALLY DEFICIENT BRIDGES IN HAMPTON ROADS**

Fed Struc ID	VA Struc ID	UPC	Jurisdiction	Route	Route Name	Crossing	Year Built	Struc Defic	SUFF RATING	Deck Condition	Super Condition	Sub Condition	Volume	Cost (mil)	Details	Priority
21879	1820		Chesapeake	166	22nd St	Seaboard Ave & NS Railway	1938	SD	2.0	4	3	4	6,553		-	3
21829	1809	1904	Chesapeake	13	Military Hwy	South Br Elizabeth River	1938	SD	3.0	4	3	5	25,444		Fully Funded in TIP	*
22111	8017	98817	Suffolk	616	Mineral Springs Rd	Jones Swamp	1955	SD	15.1	5	4	5	689	\$2.0	In TIP (No alloc); Fully Funded in Live SYIP	*
10415	6045	91168	Isle of Wight County	637	Orbit Rd	Great Swamp Branch	1945	SD	15.4	6	4	6	282		Fully Funded in TIP	*
21217	1816	101233	Portsmouth	239	Victory Blvd	Paradise Creek	1944	SD	18.3	5	5	4	4,701	\$3.6	Partially funded in SYIP	2
20727	2222	93077	Newport News	173	Denbigh Blvd	I-64 and CSX Railway	1965	SD	18.5	5	5	4	29,512	\$30.3	In TIP (Fully Funded thru FY 16)	*
21797	8003		Chesapeake	0	Centerville Turnpk	Chesapeake & Albemarle Can	1955	SD	21.2	6	4	6	16,610			4
10414	6043		Isle of Wight County	637	Jones Town Dr	Rattlesnake Swamp	1945	SD	25.9	6	4	6	316			5
10402	6031	100951	Isle of Wight County	621	Mill Swamp Rd	Passenger Swamp	1945	SD	26.7	5	3	7	299	\$0.4	Fully funded in SYIP ('12&'13)	*
21811	8021		Chesapeake	0	Bells Mill Rd	Mill Creek	1974	SD	26.8	6	5	4	1,700			6
			York County		Yorktown West Tour Rd	Beaverdam Creek	1975	SD	27.5				#N/A		Federal bridge	-
10427	6059		Isle of Wight County	646	Garrison Rd	Burnt Mill Swamp	1945	SD	28.3	5	5	7	530			7
21802	8009		Chesapeake	0	Beaver Dam Rd	Drainage Ditch	1973	SD	29.0	6	6	4	500			8
10438	6075	93080	Isle of Wight County	680	Stalling Creek Rd	Stallings Creek	1952	SD	30.5	6	4	5	354	\$0.5	Fully Funded in TIP	*
22107	8014		Suffolk	608	Simons Dr	Cohoon Creek	1945	SD	31.0	6	4	5	271			9
21830	1811	101494	Chesapeake	13	Military Hwy	NS Railway	1938	SD	31.8	3	5	5	8,866	\$2.9	Fully funded in SYIP ('16&'17)	*
22159	8065		Suffolk	688	Turlington Rd	Kilby Creek Spillway	1957	SD	31.9	5	4	5	1,734			10
20679	1806	101279	Newport News	60	Warwick Blvd	Lake Maury	1931	SD	32.8	5	4	5	26,589	\$1.8	Fully funded in SYIP ('12&'13)	*
22264	1827	97737	Virginia Beach	60	Shore Dr WBL	Lynnhaven Inlet	1967	SD	34.9	6	4	5	20,009		Fully Funded in TIP	1
22151	8052		Suffolk	669	Robbie Rd	Mill Swamp	1955	SD	35.9	5	5	4	55			11
20366	1821		Hampton	167	Lasalle Ave	Tide Mill Creek	1965	SD	36.9	6	6	4	11,975			12
24057	1005		James City County	31	Glass House Ferry	James River	1994	SD	37.0	6	4	5	6,700		Ferry	
10476	1004		James City County	31	Route 31	Powhatan Creek	1957	SD	38.4	6	5	4	8,235			13
22260	1814	97737	Virginia Beach	60	Shore Dr EBL	Lynnhaven Inlet	1958	SD	39.0	6	4	5	20,009		Fully Funded in TIP	1
8538	6004		Gloucester County	610	Old Pinetta Rd	Coffee Creek	1960	SD	41.0	5	4	5	246			
22091	1836		Suffolk	337	Nansemond Pkwy	Beamons Mill Pond	1920	SD	42.3	5	4	5	4,097			
10424	6057		Isle of Wight County	644	Fire Tower Rd	Pope Swamp	1948	SD	45.1	7	5	4	555			
20294	8009	93081	Hampton	0	Bridge St	Salters Creek	1934	SD	45.8	4	5	5	2,917		Fully Funded in TIP	*
22132	8035		Suffolk	643	Manning Bridge Rd	Stream	1945	SD	46.0	4	6	5	647			
10365	1003	81435	Isle of Wight County	58	Carrsville Hwy	Route 632 & CSX Railway	1936	SD	46.3	3	3	4	3,035	\$3.6	Fully Funded in TIP	*
10443	6102		Isle of Wight County	691	Jamestown Ln	CSX & NS Railroads	1938	SD	46.4	4	4	4	1,723			
21039	1861		Norfolk	460	Granby St	Mason Creek	1936	SD	46.4	N	N	N	25,984		Current city project	*
21199	1815		Portsmouth	17	Route 17	Wst Br Elizabeth River @	1951	SD	47.9	5	5	4	29,976			
21799	8005		Chesapeake	0	Indian Creek Rd	Indian Creek	1972	SD	48.6	6	7	4	2,100			
21827	1808		Chesapeake	13	Military Hwy	Route 460 & NS Railway	1948	SD	48.9	4	5	5	25,444			
22137	8039		Suffolk	660	Longstreet Ln	Somerton Creek	1968	SD	49.0	6	4	4	227			
22228	1842		Virginia Beach	264	I-264	Route 414 Lynnhaven Pkwy	1967	SD	49.0	7	4	5	134,411			
22187	8026		Virginia Beach	264	S Lynnhaven Rd	London Bridge Creek	1966	SD	49.5	5	6	4	17,000			
21937	1859		Chesapeake	460	EBL Route 460	Route 166 & U # 1808	1948	SD	51.0	6	4	6	27,000			
20856	2828		Norfolk	64	IS 64 EBL On Ramp	Route 13 Northampton Blvd	1967	SD	54.0	6	4	6	52,038			
22252	1804		Virginia Beach	58	Laskin Rd	Linkhorn Bay	1938	SD	54.4	5	4	4	28,957			
20939	1815		Norfolk	168	Tidewater Dr	NS Railway	1960	SD	55.0	5	4	6	39,627			
10371	1007		Isle of Wight County	258	Courthouse Hwy	Champion Swamp	1932	SD	56.4	5	5	4	5,472			
22121	8060		Suffolk	639	Route 639	Sbd Sys Rr & NS Railway	1962	SD	57.0	4	5	6	1,344			
20805	1837		Norfolk	58	US 58 WB	US 58, SR 337 Alt	1962	SD	59.2	5	4	5	18,550			
20352	2866		Hampton	64	IS 64 EBL HRT	Hampton Roads	1974	SD	63.9	5	4	6	45,971			
8545	6027		Gloucester County	627	Cunningham Ln	Wilson Creek	1963	SD	65.8	6	4	4	64			
29488	6066		Isle of Wight County	662	Whippingham Pkwy	Ragged Island Creek	1970	SD	66.4	N	N	N	120			
20296	8012		Hampton	0	Power Plant Pkwy	Route 664	1983	SD	67.0	6	4	6	13,263			
22224	1838		Virginia Beach	264	I-264	Rosemont Rd	1967	SD	67.0	6	4	6	155,177			
8548	6008		Gloucester County	641	Tidemill Rd	Northwest Br Sarah Creek	1974	SD	68.2	7	4	6	3,960			
22027	1814		Suffolk	32	Carolina Rd	Cypress Swamp	1924	SD	68.2	5	4	5	4,476			
22239	1858		Virginia Beach	264	I-264	Route 408 1st Colonial Rd	1967	SD	90.0	7	4	6	66,715			

Data Source: VDOT. Structurally Deficient and Sufficiency Rating Data as of August 2011.

Volumes in red are from VDOT's bridge database, volumes in black are weekday volumes from the HRTPO CMP Database for CMP Roadways.

	Fully funded in FY 12-15 TIP.
	Partially funded in FY 12-15 TIP.
	Fully funded in FY 12-17 SYIP.
	Partially funded in FY 12-17 SYIP.

RECOMMENDED PRIORITIES: INCREASE FUNDING FOR PRELIMINARY ENGINEERING

1. I-64 Widening from 4 to 8 lanes from the east Route 143 interchange (Exit 255) to the west Route 143 interchange (Exit 247) (UPC# 57313)
Additional PE Need = \$30,291,121
Prioritization Score: 178
2. I-64 Widening from 4 to 8 lanes from the west Route 143 interchange (Exit 247) to the Route 199 interchange (Exit 242) (UPC# 57580)
Additional PE Need = \$29,735,882
Prioritization Score: 178
3. I-264/Lynnhaven Parkway Interchange Improvements – Phase II (UPC# 19005)
Additional PE Need = \$3,257,415
Prioritization Score: 145
4. I-64 Widening from I-64/I-464 to I-64/I-664 (Bowers Hill)
Estimated PE Need = \$110,000,000
Prioritization Score: 160
5. I-64/Fort Eustis Boulevard Interchange Improvement
Estimated PE Need = \$12,500,000
Prioritization Score: 149

RECOMMENDED PRIORITIES: FUND DEFICITS ON UNDERWAY PROJECT PHASES

1. I-64 Widening from 4 to 8 lanes from the east Route 143 interchange (Exit 255) to the west Route 143 interchange (Exit 247) (UPC# 57313)
RW Need = \$43,425,973
CN Need = \$342,421,563
2. I-64 Widening from 4 to 8 lanes from the west Route 143 interchange (Exit 247) to the Route 199 interchange (Exit 242) (UPC# 57580)
RW Need = \$17,882,929
CN Need = \$311,990,039
3. I-64/I-264 Interchange Improvement, including the I-264/Witchduck Road interchange (UPC# 17630)
RW Need = \$66,117,500
CN Need = \$94,828,100
4. I-264/Lynnhaven Parkway Interchange Improvements – Phase II (UPC# 19005)
RW Need = \$11,744,000
CN Need = \$96,341,899
5. I-264 Interchange Improvements – I-64 WB Ramp to I-264 EB (UPC# 57048)
RW Need = \$7,346,400
CN Need = 84,912,100
6. I-564 Intermodal Connector, from I-564 to Norfolk Naval Base/Norfolk International Terminal (UPC# 18968)
CN Need = \$30,843,017
7. Dominion Boulevard Widening & Replacement of Steel Bridge (UPC# 56187)
CN Need = \$308,365,729
8. Atkinson Boulevard, New 4 lane roadway from Warwick Boulevard to Jefferson Avenue (UPC# 4483)
CN Need = \$2,000,000
9. Skiffes Creek Connector, from Route 60 to Route 143 (UPC# 100200)
CN Need = \$25,000,000
10. Route 58 (Holland Road) Widening, from Route 58 Bypass to 0.7 mile west of Manning Bridge Road (UPC# 100937)
CN Need = \$55,000,000