

Approved:



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Gordon Proctor  
Director

Policy No. 16-003(P)

Effective: August 19, 2002

Responsible Division: Assistant  
Director, Planning & Production

## **MAJOR BRIDGE POLICY**

### **POLICY STATEMENT:**

This policy establishes the need for a funding source separate from the general system bridge allocation for major bridges owned by the state, i.e., the route carried is an Interstate highway, U.S. numbered highway or state highway. It also provides the definition of major bridges and guidelines for the use of major bridge funds.

Since the Major Bridge Program was established to address high cost bridge rehabilitations or replacements, projects on bridges eligible under the program with an estimated construction cost less than \$1,000,000 will generally not be considered for major bridge funding. The preliminary engineering, right-of-way and construction phases of an approved project will be eligible for major bridge funds. However, the program will not fund routine maintenance inspection contracts. Construction inspection by consultants for major bridge projects may be funded with the approval of the Major Bridge Program Manager. Projects initiated by neighboring states for Ohio River structures will receive major bridge funds for work that is not maintenance in nature, i.e., a separate agreement with that state will be required.

Projects utilizing major bridge funds may be delivered and sold by ODOT conventionally or in the design-build program. Major bridge funds will not be used for Local Let projects administered and sold by local agencies.

The allocation for the Major Bridge Program will be established by the Funds Management Committee on the basis of major bridge conditions.

The Major Bridge Program Manager will be responsible for the development and maintenance of a thirty-year asset management plan for all major bridges owned by Ohio. The asset management plan will outline a schedule for inspections, routine and preventive maintenance, rehabilitation/replacement, etc.

### **AUTHORITY:**

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Ohio Revised Code, Sections 5501.02 and 5501.03.

**SCOPE:**

This policy is applicable to the Divisions of Planning, Production Management and Highway Operations, as well as all Districts.

**BACKGROUND AND PURPOSE:**

In Fiscal Year 1996 ODOT developed a process to allocate bridge funding to each District. The allocations were based on a formula which included the District's bridge inventory, deck areas, condition ratings and other factors.

An immediate concern of the Districts was their ability to fund high cost bridge rehabilitations or replacements. The rehabilitation or replacement of a major structure could consume a District's entire bridge allocation for a given year and leave them unable to maintain or improve their general system bridge conditions. For this reason the decision was made to define major bridges and fund them separately from the District bridge allocation to ensure their preservation and diminish the impact on the District's program.

**DEFINITIONS:**

Major Bridge

Meets one or more of the following criteria:

- A. More than 1000 feet in length
- B. Single bridge with a deck area of 81,000 square feet (9000 square yards) or greater
- C. Twin bridges with a deck area of 135,000 square feet (15,000 square yards) or greater
- D. Spans the Ohio River
- E. Moveable bridge
- F. Continuous/cantilever truss bridge
- G. Suspension bridge

The list of structures owned by Ohio that currently satisfy the major bridge criteria is attached as Appendix A. A list of Ohio River crossings that are owned by Kentucky or West Virginia and are potential candidates for major bridge funds is attached as Appendix B.

**TRAINING:**

None required.

**FISCAL ANALYSIS:**

Implementation of this policy will have no additional fiscal impact to ODOT.

**Major Bridges**

**Appendix A**

08/16/02

District	County	Route	SLM	SFN	Feature Intersected
1	DEF	281	123	2002469	SR 424 & MAUMEE RIVER
2	LUC	2	1862	4800303	MAUMEE RIVER,RRS&STREETS
2	LUC	75	167	4802942	SWAN CR N&WRR SR25
2	LUC	75	577	4803752	BERDAN,OTTAWA R. US24 CRR
2	LUC	075R	27	4802764	MAUMEE R N.S.RR SOUTH AVE
2	LUC	075R	167	4802977	SWAN CR & SR 25
2	LUC	280R	346	4805917	SR 65-MAUMEE R CSX RR
2	OTT	2	2847	6200788	SANDUSKY BAY
2	OTT	163	2511	6201628	PORTAGE RIVER
2	WOO	795	589	8707413	CEDAR CR-CSX-CO RD 10
2	WOO	795	589	8707448	CEDAR CR-CSX-CO RD 10
3	ERI	6	1792	2201984	HURON RIVER
3	ERI	002R	1911	2201038	OVER HURON RIVER & N&S RR
3	ERI	002R	1911	2201046	OVER HURON RIVER & N&S RR
3	LOR	6	967	4700813	OVER B&O RR & BLACK RIVER
3	LOR	57	1818	4702824	BLACK RIVER
3	LOR	57	1818	4702859	BLACK RIVER
3	LOR	611	358	4707443	BLACK RIVER SHIP CHANNEL

3	RIC	30	1157	7001177	OVER RIC-013-1673 ROCK&RR
4	ATB	11	2516	401684	ASHTABULA RIVER
4	ATB	11	2516	401714	ASHTABULA RIVER
4	ATB	20	1301	402206	ASHTABULA VIADUCT
4	ATB	20	2626	402281	CONNEAUT VIADUCT
4	ATB	531	917	406635	ASHTABULA RIVER
4	MAH	62	1823	5008662	SR289 MAHONING R STRT&RR
4	MAH	76	91	5002702	LAKE MILTON
4	MAH	76	91	5002737	LAKE MILTON
4	MAH	80	125	5002257	OVER MEANDER RESERVOIR
4	MAH	80	125	5002281	OVER MEANDER RESERVOIR
4	MAH	711	67	5008255	OVER MAH RIVER B&O Y&N RR
4	MAH	062X	1775	5002052	MAHONING RIV & RR
4	STA	43	1238	7601379	CSX;N&S;CONRAIL RR
4	SUM	8	195	7700369	NORTH ST-RRS- L. CUY RIV
4	SUM	82	0	7706871	CUY.RIV-B&O RR-BIKE PATH
4	SUM	261	1003	7708645	NORTH MAIN ST VIADUCT
4	SUM	261	1003	7708653	NORTH MAIN ST VIADUCT
4	SUM	271	802	7709005	RIVERVIEW RD B&O RR CUY R
4	SUM	271	802	7709064	RIVERVIEW RD B&O RR CUY'R
4	SUM	059T	7	7701799	SR 59JNB RAMP BR OVER I76
4	TRU	46	295	7802439	PENN RR WATER ST-MAH R
5	FAI	22	2441	2300427	CONRAIL RR & LIT RUSH CR
5	MUS	22	1160	6000495	MUSKINGUM RIVER AND CANAL

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5	MUS	70	1156	6002854	OVER MUSK RIV&RRS&STREET
5	MUS	040R	1134	6001394	MUSKINGUM RIVER CANAL
6	FRA	70	1322	2504413	70WB OVER SCIOTO RIVER
6	FRA	70	1322	2504448	EB70 OVER SCIOTO RIVER
6	FRA	0023D	282	2500876	OVER RR YARDS GOODALE ST
6	FRA	315	278	2515393	OLENTANGY, 5TH & KING AVE
6	FRA	670	31	2504375	SCIOTO R, US-33RP & CONRL
6	FRA	270R	1856	2509709	OVER SCIOTO,745,257
6	FRA	270R	1856	2509717	OVER SCIOTO RIVER,745,257
6	FRA	670P	213	2505819	SCIOTO R. / U.S. 33
6	PIC	762	1018	6504078	SCIOTO RIVER
7	MOT	35	1513	5701597	CSRR CRR UND(USR-IR)RAMP
7	MOT	35	1516	5701627	CSRR CRR UND(IR-USR)RAMP
7	MOT	35	1576	5701929	MOSE BLVD G MM R CRR&STS
7	MOT	35	1792	5702674	RMP=EXPWY*N-(USR*W K ST)
7	MOT	75	1044	5707056	CARILLON BLVD GT MIAMI R
7	MOT	75	1174	5707447	RAMP=I75*N-US35*W
7	MOT	75	1175	5707501	RAMP=I75*S-US35*E
7	MOT	75	1180	5707595	RMP=US35*E-I75*N UN RMPS
7	MOT	75	1188	5707625	WASHINGTON ST CSRR CRR
7	MOT	75	1208	5707684	EDWIN C MOSES BLVD S4
7	MOT	75	1226	5707749	GRT MIAMI R THIRD ST &ST
7	MOT	75	1226	5707773	GRT MIAMI R THIRD ST &ST
7	MOT	75	1281	5708133	S49*N GT MIAMI R RVW AVE
7	MOT	75	1281	5708168	S49*N GT MIAMI R RVW AVE

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7	MOT	75	1371	5708370	RIVERSIDE DR GT MM R &ST
7	MOT	75	1371	5708400	GRT MIAMI R N BEND BLVD
8	BUT	129R	2316	903612	MAUD-HUGHES;NSRR;GREG.CRK
8	BUT	129R	2316	903620	MAUD-HUGHES;NSRR;GREG.CRK
8	HAM	42	0	3102246	APP-CLAY WADE BAILEY
8	HAM	50	1936	3102807	CSRR;NSRR;MILL CR;PRIV DR
8	HAM	50	1936	3102815	CSRR;NSRR;MILL CR;PRIV DR
8	HAM	50	2240	3103579	RELIEF
8	HAM	71	0	3105946	I71*N;3RR;I75*N;9USR;STS
8	HAM	71	154	3106608	EGLSN AVE;I471*SB;STS..
8	HAM	71	155	3106616	MUNI RMP=VIA*W-SIXH ST*W
8	HAM	71	243	3106802	EDEN PRK ENT;FLORENC AVE
8	HAM	74	1908	3115739	US27*S;MLCK;2RR;STS;RAMP
8	HAM	75	22	3108805	2RR;TH ST*E;US42D;US50*E
8	HAM	75	1192	3110656	MILL CR;BENSON ST;NSRR;ST
8	HAM	127	514	3111385	75,CSRR,MILL CR, DOO BYP
8	HAM	471	0	3117359	1RR;US52;THIRD ST CONN
8	HAM	471	0	3117367	1RR;US52;THIRD ST CONN
8	HAM	471	25	3103390	COLUMBIA PARKWAY
8	HAM	562	147	3113914	ROSS AVENUE;CSRR
8	HAM	050R	2198	3103412	EGGLESTON,IR471,STREETS
8	HAM	050R	2198	3103420	EGGLESTON,IR471, STREETS
8	HAM	071R	0	3105970	3RR;US27&75 & SR 42.
8	WAR	22	303	8300038	C10;LIT MIAMI R;1SP;C23
8	WAR	48	863	8301085	LITTLE MIAMI R; BIKE PATH

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8	WAR	71	757	8302073	TURTLE CR T72(TURTCR RD)
8	WAR	71	1514	8302251	ACC DR;LIT MIAMI R;PCRR
8	WAR	71	1514	8302286	ACC DR;LIT MIAMI R;PCRR
9	LAW	93	0	4401255	OHIO RIVER AND N&W RR
9	LAW	607	24	4400089	SR 7
9	ROS	23	1257	7100752	SCIOTO RIVER
9	ROS	23	1257	7100787	SCIOTO RIVER
9	ROS	159	43	7104170	SCIOTO RIVER & OVERFLOW
9	ROS	035R	1919	7101988	SCIOTO RIVER
9	ROS	035R	1919	7102011	SCIOTO RIVER
9	ROS	035R	2419	7102259	SCIOTO RIVER
9	ROS	035R	2419	7102291	SCIOTO RIVER
9	SCI	52	1881	7301359	SCIOTO RIVER
9	SCI	52	1881	7301383	SCIOTO RIVER
9	SCI	073R	2562	7303017	SCIOTO RIVER
10	MEG	033R	1578	5300908	OHIO RIVER B&O RR&HV RR
10	WAS	7	2152	8402108	MUSK.R.FRONT&GILMAN STS.
10	WAS	124	423	8403783	LITTLE HOCKING RIVER
11	BEL	007R	1638	700584	INDIAN RUN,CSX RR, ACCESS
11	BEL	007R	1638	700592	INDIAN RUN,CSX RR, ACCESS
11	BEL	007R	1991	700541	US40-SR767-I70-WHCR B&OR#
11	BEL	040R	2848	701823	OHIO R. BACKCHANNEL
11	BEL	470R	654	706396	SR7 N.S.RR & OH RIVER
11	BEL	872R	44	705950	T-533A,NS RR,EL.U.RD,OH.R

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11	COL	30	3629	1502360	APPROACH STRUCTURE
11	COL	030R	3529	1502425	PART NEWELL BR.OVR.US30
11	COL	030R	3661	1502387	ROAD,NS RR,OH R.BACK CHL
11	COL	030R	3664	1502395	RAMPS,NS RR,OH R.BCK CHL
11	JEF	7	1293	4100603	TR167-CLF ST-RR-CROSS CR
11	JEF	7	1642	4100964	PT.MARKET ST.BR.OVR SR7
11	JEF	22	1632	4101960	SR7(VETS.MEM.BR@OHIO R.)
11	JEF	822	41	4101987	SR7NB,RR,OHIO R.
12	CUY	2	1441	1800035	OLD1476-CUYAHOGA RIVER
12	CUY	6	738	1800639	(OLD0740) ROCKY RIVER
12	CUY	6	1456	1800930	OLD1499-CUYAHOGA RIV/RTA
12	CUY	8	226	1801244	SR-14 AND TINKERS CREEK
12	CUY	10	869	1801325	VALLEY PKWY/ROCKY RIVER
12	CUY	10	1613	1801503	CUYAHOGA RIVER VALLEY
12	CUY	14	693	1801805	NSC RR AT HENRY ST.
12	CUY	17	283	1802046	ROCKY RIVER
12	CUY	42	1457	1803271	BIG CREEK, NSC,CHESSIE RR
12	CUY	71	1016	1804650	NS,RTA91 AIRPT FRWY
12	CUY	71	1016	1804685	NS, RTA91
12	CUY	71	1791	1805371	SR 176(1328)JENNINGS FWY
12	CUY	77	950	1806173	CUY RIVER SR-17,CANAL RD
12	CUY	77	1457	1806726	KINGSBURY RUN,RTA38-RR'S
12	CUY	90	758	1808567	ROCKY RIVER VALLEY
12	CUY	90	1372	1807870	NS, TRAIN AVE
12	CUY	271	232	1810715	TINKERS CREEK @ MP 24.1

12	CUY	271	232	1810774	TINKERS CREEK @ MP 24.1
12	CUY	480	647	1812831	ROCKY RIVER
12	CUY	480	1842	1812521	CUYAHOGA RIVER-OHIO CANAL
12	CUY	480	1842	1812548	CUYAHOGA RIVER-OHIO CANAL
12	CUY	490	100	1811991	CUYAHOGA RIVER
12	CUY	090R	1524	1809393	CUY. RIV VALLEY-RTA45
12	CUY	176R	1229	1810189	VALLY RD, BIG CREEK, & RR
12	CUY	176R	1334	1805436	IR-71NB (CUY-71-1791R)
12	LAK	90	2342	4304950	GRAND RIVER @ MP 209.5
12	LAK	90	2342	4304985	GRAND RIVER @ MP 209.5

**Ohio River Crossings**

**Appendix B**

**District 8**

**Owner**

Clay Wade Bailey (42 & 127)	KY
Combs Hale (275)	KY
Daniel Beard (471)	KY
Roebing Suspension	KY
Brent Spence (71 & 75)	KY
Taylor Southgate (27)	KY

**District 9**

East Huntington 31 <sup>st</sup> St. (LAW-607)	WVA
6 <sup>th</sup> St. (SR 527)	WVA
17 <sup>th</sup> St. (LAW-52)	WVA
12 <sup>th</sup> St. (LAW-52-1130) Ashland - Coal Grove	KY
13 <sup>th</sup> St. (LAW-52-1132) Ashland - Coal Grove	KY
Greenup Dam (SCI-253-0000)	KY
Carl Perkins	KY
Maysville - Aberdeen	KY

Harsha

KY

**District 10**

Hannibal - New Martinsville (MOE-536)	WVA
Silver Bridge (GAL-35)	WVA
Parkersburg - Belpre (WAS-50)	WVA
Williamstown - Marietta	WVA
Williamstown - Marietta (I-77)	WVA
Newport - St. Mary's	WVA
William Ritchie (Ravenswood)	WVA

**District 11**

Bridgeport - Wheeling (US 40)	WVA
Back Channel (I-70)	WVA
Moundsville (SR 2)	WVA
Vietnam Veterans (I-470)	WVA
Steubenville-Weirton (US 22)	WVA
Jennings Randolph (US 30)	WVA