Appendix F

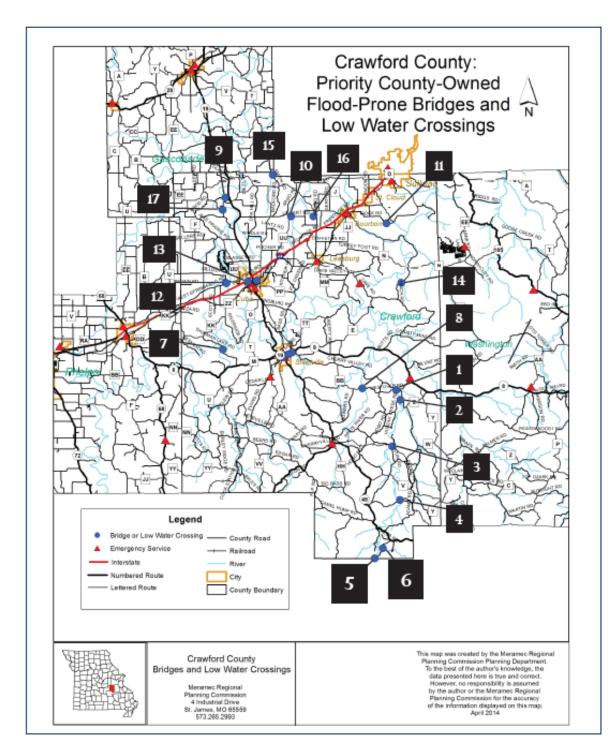
Meramec Region

Priority Low-Water Crossing/Bridge Assessments

April 2014

—CRAWFORD COUNTY—

PRIORITY COUNTY-OWNED FLOOD-PRONE BRIDGES AND LOW WATER CROSSINGS





Bridge 1-

On Westover Road Crosses Huzzah Creek

Bridge 2-

On Huzzah Creek Road Crosses Huzzah Creek

Bridge 3-

On John Coleman Road Crosses Huzzah Creek

Bridge 4-

On Sellers Road Crosses Huzzah Creek

Bridge 5-

On Willhite Road Crosses Huzzah Creek

Bridge 6-

On Willhite Road Crosses Crooked Creek

Bridge 7—

On Thurman Lake Road Crosses Meramec River

Bridge 8-

On Westover Road Crosses Dry Creek

Bridge 9-

On High Point Road Crosses Brush Creek

Bridge 10-

On Libhardt Road Crosses Little Bourbuese

Bridge 11 —

On Rock Road Crosses Carter Creek

Bridge 12-

On Springfield Road Crosses Indian Hills tributary

Bridge 13—

On Springfield Road Crosses Indian Hills tributary

Bridge 14—

On Hinch Road Crosses Hinch Creek

Bridge 15-

On Smith Road Crosses Three Mile Creek

Bridge 16—

On Ware Road Crosses Little Bourbuese tributary

Bridge 17-

On 4 Mile Road Crosses Brush Creek tributary

BRIDGE NO.	YEAR.	True * ann;	TRUUTARY OR STREAM	Zanuns.	to wanture	FENATION	TRAIN CO.	APPRACE DAY	SULPONE THE
1	1975	LW-1 Opening	Huzzah Creek	N37.9199667	W091.1689000	696	12/26/13	51	5
2	1980	LW-2 Openings	Huzzah Creek	N37.9067833	W091.1628000	704	12/26/13	56	6
3		LW-1 Opening	Huzzah Creek	N37.84599	W091.17787		11/19/13	73	2
4	1995	LW-1 Opening	Huzzah Creek	N37.77503	W091.16685		11/11/13	37	1
5		LW-Pipe	Huzzah Creek	N37.69888	W091.21053		11/11/13	27	38
6		LW-Pipe	Crooked Creek	N37.71181	W091.19682		11/19/13	36	34
7		LW-Openings	Meramec River	N37.9776333	W091.4566167	750	11/27/13	41	26
8		LW-Pipe	Dry Creek	N37.92331	W091.22568	695	11/27/13	109	11
9		LW-1 Opening	Brush Creek	N38.1773333	W091.4482500	764	01/04/14	90	8
10		LW-Openings	Little Bourbuese	N38.1510833	W091.3390167	816	01/29/14	87	4
11		Slab w/Pipe	Carter Creek	N38.1394833	W091.1801167	730	02/07/14	98	5
12		Slab w/Pipe	Indian Hills trib.	N38.0653500	W091.4500167	895	02/07/14	42	4
13		Slab w/Pipe	Indian Hills trib.	N38.0646667	W091.4490833	913	02/19/14	177	3
14		Concrete Slab	Hinch Creek	N38.0610833	W091.1573667	670	02/19/14	62	16
15		I Beam/Wood Deck		N38.2060667	W091.3683500	747	02/28/14	25	8
16		Slab w/Pipe	Little Bourbuese trib.	N38.1506167	W091.3021833	879	02/28/14	55	Cut Off
17	1949	Slab w/Pipe	Brush creek trib.	N38.1614000	W091.4530000	729	01/29/14	26	16
* LW	= Low V	Vater Crossing					Data Source:	MRPC and	alysis 2012-2014

CRAWFORD COUNTY BRIDGE PHOTOS -

BRIDGE 1



BRIDGE 2 Huzzah Creek Road



Jan. 24, 2013

BRIDGE 3 John Coleman Road



Nov. 19, 2013

BRIDGE 4 Sellers Road



Nov. 19, 2013

BRIDGE 5 Wilhite Road







Nov. 19, 2013

BRIDGE 12

Springfield Road

BRIDGE 7 Thurman Lake Road

Jan. 24, 2014



Nov. 25, 2013

BRIDGE 8 Westover Road



Nov. 25, 2013

BRIDGE 9 High Point Road



Feb. 13, 2014

BRIDGE 10 Libhardt Road

Photo Not Available



Nov. 19, 2013



March 3, 2014

BRIDGE 13 Springfield Road



March 3, 2014

BRIDGE 14 Hinch Road



March 3, 2014

BRIDGE 15 Smith Road



March 3, 2014

BRIDGE 16 Ware Road



March 3, 2014

BRIDGE 17 4 Mile Road

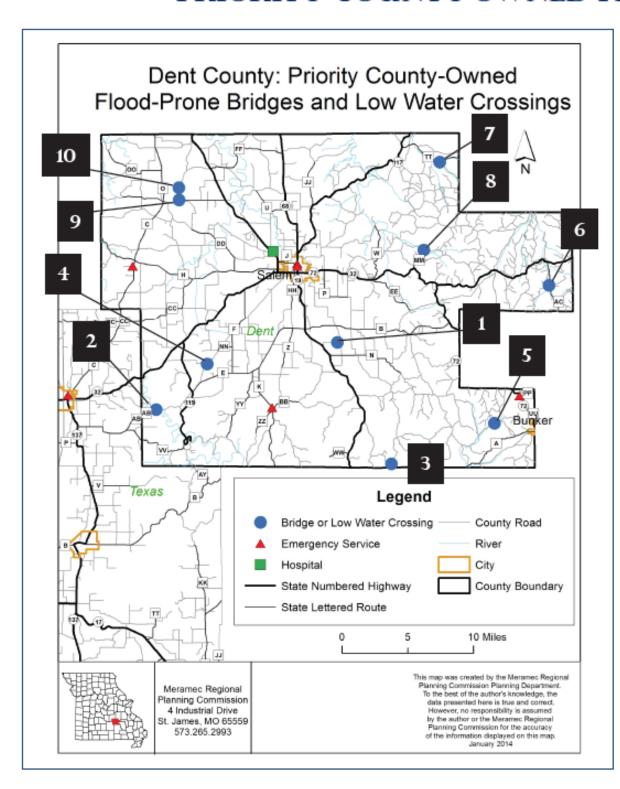
March 3, 2014



March 3, 2014

—DENT COUNTY—

PRIORITY COUNTY-OWNED FLOOD-PRONE BRIDGES AND LOW WATER CROSSINGS



Bridge 1-

On County Road 5460 Crosses a tributary to Dry Valley Creek

Bridge 2-

On County Road 6580 Crosses Pigeon Creek

Bridge 3-

On County Road 5530 Crosses Gray Branch

Bridge 4-

On County Road 6470 Crosses Humes Creek Bridge 5-

On County Road 5610 Crosses Gordon Creek

Bridge 6—

On County Road 5300 Crosses Huzzah Creek

Bridge 7—

On County Road 4030 Crosses Mid Prong Crooked Creek

Bridge 8-

On County Road 4290 Crosses Hutchins Creek Bridge 9-

On County Road 2070 Crosses Hyer Branch

Bridge 10-

On County Road 2070 Crosses Hyer Branch

BRIDGE NO.	P. P	STRUCTURE TYPE	PRIBUTINE STREEN	A Partie	REPARE CHIECHING	JONNIEW JOHN STANFOR	Towey Mor		TRAFFIC C	APPL COMTOST	AR DAILY TRAFFIC
1	Unk.	Slab	Dry Valley Creek	4	\$1,000	N37.5575167	W091.4821500	1232	12/3/12	34	2-4
2	Unk	Slab w/CMP	Pigeon Creek	4	\$2,500	N37.4863500	W091.7345167	Unk.	12/20/12	204	6-9
3	Unk.	Slab	Gray Branch	4	\$1,000	N37.4225167	W091.4100167	904	12/12/12	14	6
4	Unk.	Gravel Crossing	Humes Creek	4	\$1,000	N37.5357500	W091.6631000	1228	12/20/12	78	3-6
5	Unk.	Slab w/ Barrels	Gordon Creek	4	\$1,000	N37.4651667	W091.2666667	1041	12/20/12	81	17
6	Unk.	Slab	Huzzah Creek	4	\$1,000	N37.6174000	W091.1874333	1039	12/3/12	171	8
7	Unk.	Slab	Crooked Creek	4	\$1,500	N37.7554167	W091.3358667	1032	11/22/12	75	16-17
8	Unk.	Slab	Hutchins Creek	4	\$1,500	N37.6588833	W091.3602333	1028	11/22/12	85	10
9	Unk.	Slab	Hyer Branch	4	\$1,000	N37.7184500	W091.6987900	1041	10/17/12	33	15
10	Unk.	Slab	Hyer Branch	4	\$1,000	N37.7317167	W091.6988333	1108	10/17/12	25	9
							Di	ata Sour	oe: MRPC an	alysis	2012-2014



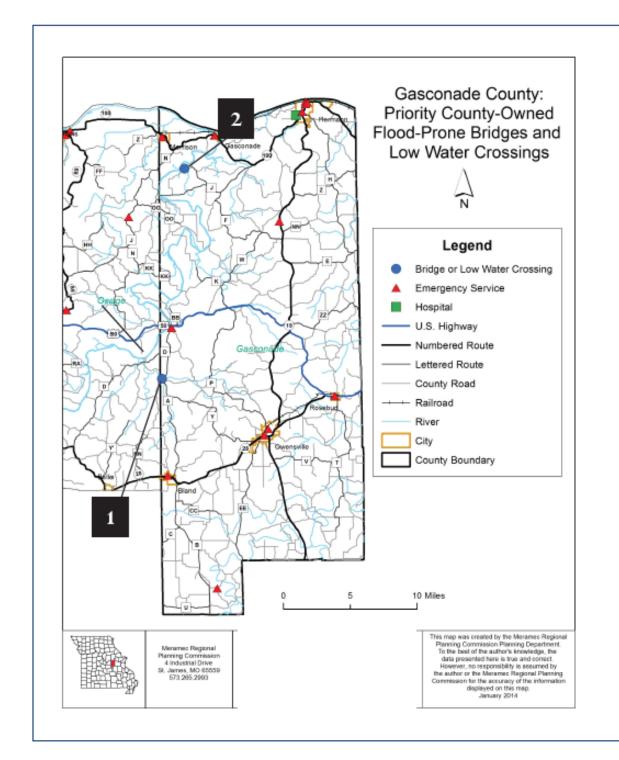
DENT COUNTY BRIDGE PHOTOS

BRIDGE 2 BRIDGE 1 BRIDGE 4 BRIDGE 5 **BRIDGE 6 BRIDGE 3** CR 5460 CR 6580 CR 5530 CR 6470 CR 5610 CR 5300 Dec. 7, 2012 Dec. 27, 2012 Dec. 27, 2012 Dec. 7, 2012 Dec. 7, 2012 Dec. 7, 2012 **BRIDGE 7 BRIDGE 8 BRIDGE 9 BRIDGE 10**



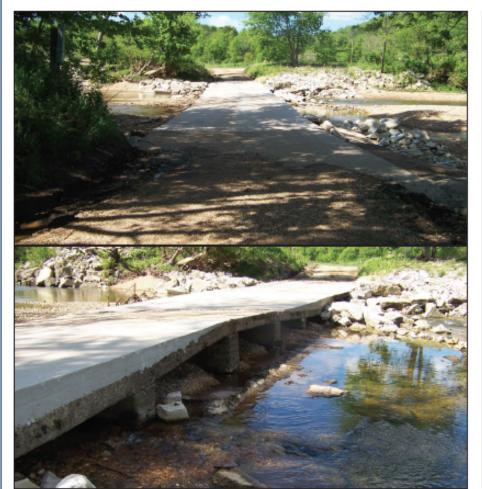
— GASCONADE COUNTY —

PRIORITY COUNTY-OWNED FLOOD-PRONE BRIDGES AND LOW WATER CROSSINGS



Bridge 1—

On County Road 404/Valentine Ford Crosses Third Creek



Bridge 2-

On County Road 6580 Crosses Pigeon Creek



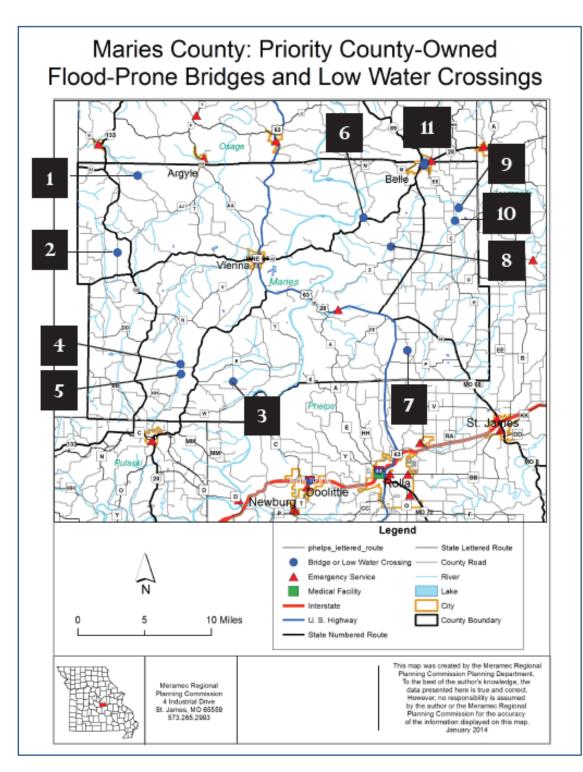
Photo taken Apr. 24, 2012

Photo taken May 23, 2012

BRIDGE NO.		Tall That The	PRIMITARY STREAM	\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	PENE PROUENCE	ZANTANAN ZANTANA	¹ Coverings:	HE WAR	PRAMIC CONT.	AVRA COUNT DATE		/ 2
1	1943	Low Water	Third Creek	6	\$1,000	N38.4093667	W091.6414333	586	NA	NA	10	
2	Unk	Box Culvert	Sugar Creek	6	\$2,500	N38.6364667	W091.6058500	499	8/23/12	55	10	

-MARIES COUNTY-

PRIORITY COUNTY-OWNED FLOOD-PRONE BRIDGES AND LOW WATER CROSSINGS





Bridge 1-

On Maries Road 205 Crosses Sugar Creek

Bridge 2-

On Maries Road 219

Bridge 3—

On Maries Road 505 Crosses Montague Creek

Bridge 4—

On Maries Road 621 Crosses Maries River Bridge 5-

On Maries Road 621 Crosses a tributary to the Maries River

Bridge 6-

On Maries Road 311 Crosses Mill Spring

Bridge 7—

On Maries Road 442

Bridge 8-

On Maries Road 317 Crosses Dry Fork Bridge 9-

On Maries Road 408 Crosses Lower Peavine

Bridge 10-

On Maries Road 409 Crosses Lower Peavine

Bridge 11 —

On Fifth Street in Belle Crosses an unnamed creek

BRIDGE NO.	Pale	STRUCTURE TYPE	TRUBUTARIS STREEM	\\ \frac{1}{2} \\ \fr	REPARE CHECKEN	DAMILIAN BOULLEY	to North De	THE STATE OF THE S	PRAFILE.	AVER COUNT DATE	DETOUR THE TRANSC
1	Unk.	Low Water Slab	Sugar Creek			N38.2774833	W092.1142667	674	09/18/13	14	2-4
2	Unk	Low Water Slab				N38.2046833	W092.1412000	767	09/18/13	23	6-9
3	Unk.	Low Water Slab	Montague Creek			N38.0535667	W091.9844667	811	10/14/13	79	6
4	Unk.	Low Water Slab	Maries River			N38.06212	W092.05604		10/24/13	57	3-6
5	Unk.	Low Water Slab	Maries River trib.			N38.060060	W092.056080		10/24/13	57	17
6	Unk.	Low Water Slab	Mill Spring			N38.2295833	W091.8022833	582	09/26/13	26	8
7	Unk.	Low Water Slab				N38.0847667	W091.7443500	987	10/14/13	15	16-17
8	Unk.	Low Water Slab	Dry Fork			N38.1981167	W091.7649833	974	09/26/13	95	10
9	Unk.	Low Water Slab	Lower Peavine			N38.2386167	W091.6706500	744	10/04/13	34	15
10	Unk.	Low Water Slab	Lower Peavine			N38.2248833	W091.6762333	817	10/04/13	69	9

Data Source: MRPC analysis 2012-2014

MARIES COUNTY BRIDGE PHOTOS -

BRIDGE 1 BRIDGE 2 BRIDGE 3 **BRIDGE 4 BRIDGE 5 BRIDGE 6** Maries Road 621 Maries Road 205 Maries Road 219 Maries Road 505 Maries Road 621 Maries Road 311 Photo Not Available Oct. 3, 2013 Oct. 3, 2013 Oct. 9, 2013 Oct. 18, 2013 Oct. 18, 2013 Oct. 3, 2013 **BRIDGE 7 BRIDGE 8 BRIDGE 9 BRIDGE 10** BRIDGE 11 Maries Road 442 Fifth Street-Belle Maries Road 408 Maries Road 317 Maries Road 409

Oct. 9, 2013

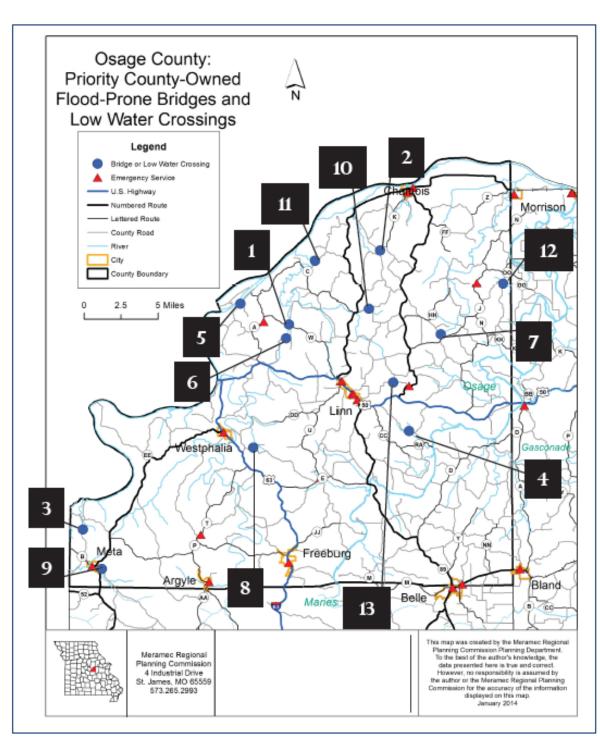
Oct. 9, 2013

Oct. 9, 2013

Oct, 3, 2013

—OSAGE COUNTY—

PRIORITY COUNTY-OWNED FLOOD-PRONE BRIDGES AND LOW WATER CROSSINGS





Bridge 1-

On County Road 424 Crosses Loose Creek Branch

Bridge 2-

On County Road 317 Crosses Deer Creek Branch

Bridge 3-

On County Road 508 Crosses Profits Creek

Bridge 4-

On County Road 801 Crosses N. Fork of Pointers Creek

Bridge 5—

On County Road 412 Crosses Luzon Creek

Bridge 6-

On County Road 403 Crosses Loose Creek

Bridge 7-

On County Road 232 Crosses Bailey's Creek tributary

Bridge 8-

On County Road 612 Crosses Bear Creek

Bridge 9-

On County Road 542 Crosses Sugar Creek

Bridge 10-

On County Road 312 Crosses Luystown Creek

Bridge 11 —

On County Road 432 Crosses Darrow Branch

Bridge 12-

On County Road 241 Crosses Richland Creek tributary

Bridge 13-

On County Road 302

BRIDGE NO.	Phys.	STAUGHTER.	TRUMINAPSTREAM	PITO-	REPARE CHROLING	ZNANZKANCE (ATTITUDE	ton different to the second se	A FEW	PRAFILE CONTINUED	APERSON DATE	ONNOTES THE PROPER
1	Unk.	Pipe	Loose Creek Branch	5	\$3,000	N38.5467500	W091.9181667	558	01/23/13	379	14
2	Unk	Slab	Deer Creek Branch	6		N38.6181333	W091.8042833	541	02/01/13	99	13
3	Unk.	Slab	Profits Creek	6	\$2,500	N38.3480167	W091.1778333	647	02/21/13	108	4
4	Unk.	Slab	N. Fork Pointers	6	\$1,000	N38.4409500	W091.7712167	612	08/27/10	92	7
5	Unk.	Bridge	Luzon Creek	4		N38.5677500	W091.9784000	535	02/13/13	63	2
6	Unk.	Slab	Loose Creek	6	\$3,000	N38.5334000	W091.9219000	581	02/13/13	162	10
7	Unk.	Bridge	Bailey's Creek trib.			N38.5353167	W091.7299667	785	01/15/13	92	10
8	Unk.	Slab	Bear Creek	6		N38.4265500	W091.9643500	613	03/14/13	533	18
9	Unk.	Bridge	Sugar Creek	6	\$2,000	N38.3092000	W091.1547167	625	02/21/13	131	12
10	Unk.	Low Water	Luystown Creek		\$6,000	N38.5612000	W091.8192500	645	08/17/10	37	9
11	Unk.	Bridge	Darrow Branch	1		N38.6089167	W091.8843335	527	02/01/13	130	15
12	Unk.	Low Water	Richland Creek trib.	2	\$3,000	N38.5839833	W091.6512833	547	01/15/13	321	10
13	Unk.	Low Water		2	\$3,000	N38.4886667	W091.7902333	783	01/23/13	165	6











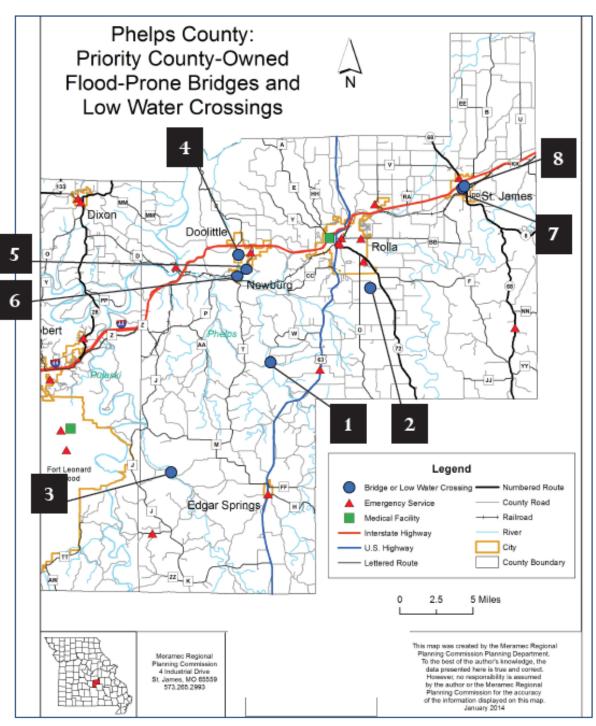


for bridges eleven and thirteen

March 7, 2013 March 1, 2013 Jan. 18, 2013 Jan. 18, 2013 Jan. 9, 2013

-PHELPS COUNTY-

PRIORITY COUNTY-OWNED FLOOD-PRONE BRIDGES AND LOW WATER CROSSINGS



Bridge 1-

On County Road 7460 in Vida Crosses Little Piney

Bridge 2-

On County Road 5120 Crosses Little Dry Fork

Bridge 3-

On County Road 6410 Crosses Spring Creek

Bridge 4-

On MacArthur Street in Doolittle Crosses a Little Piney tributary

Bridge 5—

On East Fourth Street in Newburg Crosses Newburg Creek

Bridge 6-

On Water Street in Newburg Crosses Newburg Creek

Bridge 7—

On Meramec Street in St. James

Bridge 8-

On Walters Street in St. James

	BRIDGE NO.	452 ₁	THURTHURE TO THE TANK	THE THE WAY	restrings.	LOW GATTER TO THE STATE OF THE	HELY.	TRANCOUNT.	APPERSON.	DETOCHR TIME
	1	1900	Low Water	Little Piney	N37.8284500	W91.8615200	842	10/26/12	81	5
П	2	1900	Low Water	Little Dry Fork	N37.9009500	W91.7351833	969	01/03/13	59	1
	3	1900	Low Water	Spring Creek	N37.7207333	W91.9872167	781	11/09/12	36	17
П	4		Culvert-Slab	Little Piney tributary	N37.9366000	W91.8998000		12/31/12	203	5
	5	2010		Newburg Creek	N37.9158333	W91.6180167	751	08/13/12	25	2
П	6		Low Water	Newburg Creek	N37.9148000	W91.9013667	711	08/13/12	221	1
	7	1946	Box Culvert		N37.9994333	W91.6180167	1031	08/31/12	828	
	8	1965	Bridge		N38.0013833	W91.6155833	1090	08/31/12	716	1



PHELPS COUNTY BRIDGE PHOTOS

BRIDGE 1 CR 7460

BRIDGE 2 CR 5120



BRIDGE 4
MacArthur Street—Doolittle

BRIDGE 5
East Fourth Street—Newburg

BRIDGE 6 Water Street—Newburg













Nov. 13, 2012

Nov. 13, 2012

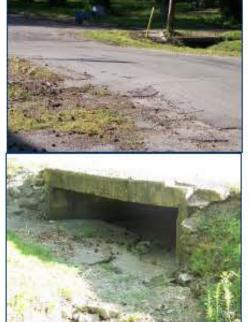
Nov. 13, 2012

Dec. 31, 2012 Au

Aug. 7, 2012

BRIDGE 7
Meramec Street—St. James

BRIDGE 8
Walters Street—St. James



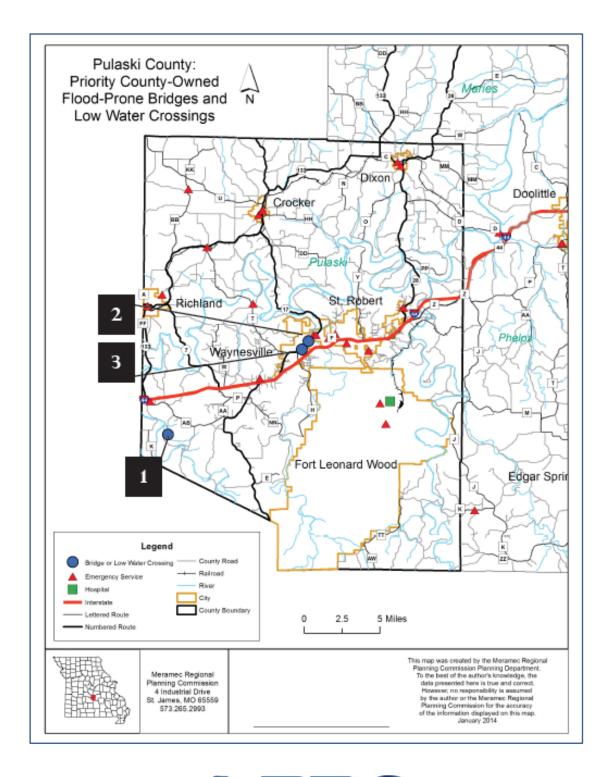


April 23, 2012

April 23, 2012

— PULASKI COUNTY —

PRIORITY COUNTY-OWNED FLOOD-PRONE BRIDGES AND LOW WATER CROSSINGS

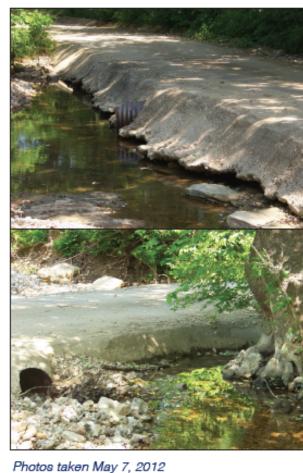


Bridge 1 — On Southbend Road Crosses an unnamed creek



Photos taken May 7, 2012

Bridge 2— On Dyer Street—Waynesville Crosses Mitchell Creek



Bridge 3— On Old Highway H—Waynesville Crosses Mitchell Creek



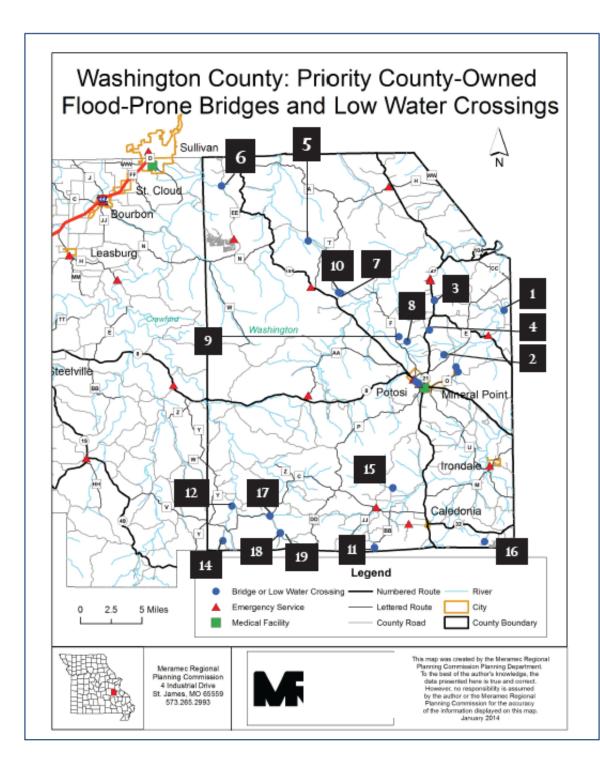
Photos taken May 7, 2012

BRIDGE NO.	P. P	PEAR BUILT STRUCTURE TYPE TRIBUTIAN STREAM		No.	REPURS AND TEVENCY.		^t ONGHIMDE		TRAMIC,	ATRACTONT DATE	PARY THE SE	Jaki, Salvi.
1	1970	Culvert Slab	Unnamed creek			N37.7352000	W92.3805500	913			8	
2		LW-Cement	Mitchell Creek			N37.8235333	W92.2099833	802	09/14/12	377	2	
3		LW-Cement	Mitchell Creek			N37.8156833	W092.2181833	828	09/14/12	1798	5	

^{*} LW= Low Water Crossing

—WASHINGTON COUNTY—

PRIORITY COUNTY-OWNED FLOOD-PRONE BRIDGES AND LOW WATER CROSSINGS





Bridge 1-

On Tiff Road 408 Crosses Mill Creek

Bridge 2-

On Radio Station Road 418 Crosses Keyes Branch

Bridge 3—

On Settles Hollow Road 437 Crosses Old Mines Creek

Bridge 4-

On Thomlinson Road Crosses Old Mines Creek

Bridge 5 —

On Goose Creek Road 303 Crosses Pinery Creek

Bridge 6-

On Hamilton Hollow Road 202 Crosses Hamilton Creek

Bridge 7-

On Lick Skillet Road 320 Crosses Pucket Branch

Bridge 8-

On Simpson Road 334

Bridge 9-

On Duncan Road 343 Crosses Mine Au Breton tributary

Bridge 10-

On Pelican Ridge Road 304 Crosses Pucket Branch

Bridge 11 -

On Robinson Road Crosses James Creek

Bridge 12-

On Bailey Branch Road 664 Crosses Courtois River

Bridge 13-

On Bailey Branch Road 664

Bridge 14-

On Wells Road 652 Crosses Indian Creek

Bridge 15-

On King Road 622 Crosses Clear Creek

Bridge 16-

On Carr Road 535 Crosses Lost Creek

Bridge 17-

On Cubb Creek Road 650 Crosses Cubb Creek

Bridge 18-

On Cubb Creek Road 650 Crosses Cubb Creek tributary

Bridge 19-

On Keith Cemetery Road Crosses Cubb Creek

BRIDGE NO.	TAM.	STRUCTURE:	TRIBUTARY OR STREAM	termings.	TONOJINOK	HAYATION.	TRANCO CONTROL	ARRAGEDA.	Salvarias
1		LW-Cement	Mill Creek	N38.0154333	W090.6506333	720	05/16/13	257	9
2		LW-Cement	Keyes Branch	N37.9645833	W090.37419500	940	05/16/13	324	
3		Concrete	Old Mines Creek	N38.0291333	W090.7543667	736	05/08/13	232	11
4		Concrete	Old Mines Creek	N37.9945200	W090.7627500				Cut Off
5		Concrete	Pinery Creek	N38.1028000	W090.9395667	744	04/18/13	95	10
6		Concrete	Hamilton Creek	N38.1697833	W091.0672883	634	07/25/13	83	11
7		Concrete	Pucket Branch	N38.0400167	W090.8943000	808	04/18/13	218	37
8		Concrete		N37.9812167	W090.7967667	839	07/25/13	278	8
9		Concrete	Mine Au Breton trib.	N37.9871700	W090.8089500		04/18/13	116	Cut Off
10		Concrete	Pucket Branch	N38.0412833	W090.8973833	833	05/08/13	344	13
11		Concrete	James Creek	N37.738933	W090.8525500	964	08/30/13	60	Cut Off
12		Concrete	Courtois River	N37.7917000	W091.0618667	884	06/20/13	60	8
13		Concrete		NOT TERRORS	1110010701000	4000	00100110	40	0.0"
14		Concrete	Indian Creek	N37.7508333	W0910764833	1300	06/20/13	19	Cut Off
15		Concrete	Clear Creek	N37.8089333	W090.8223000	865	07/10/13	136	Negligible
16	1970	Concrete	Lost Creek	N37.7427667	W090.6884000	918	07/10/13	12	Cut Off
17		Concrete	Cubb Creek	N37.7789167	W091.0057667	942	08/02/13	110	8
18		Concrete	Cubb Creek trib.	N37.7588500	W090.9905833	978	08/02/13	27	5
19		Concrete	Cubb Creek	N37.7582500	W090.9908167	1013	08/02/13	27	5

^{*} LW= Low Water Crossing

WASHINGTON COUNTY BRIDGE PHOTOS -

BRIDGE 1 Tiff Road 408

BRIDGE 2 Radio Station Road 418

BRIDGE 3 Settles Hollow Road 437



BRIDGE 5 Goose Creek Road 303

BRIDGE 6 Hamilton Hollow Road





BRIDGE 8

Simpson Road 334









BRIDGE 7 Lick Skillet Road 320







BRIDGE 10 Pelican Ridge Road 304



BRIDGE 12 Bailey Branch Road 664











BRIDGE 11

Robinson Road



BRIDGE 13 Bailey Branch Road 664

Photo Not Available

Oct. 3, 2013



BRIDGE 14

Wells Road 652

BRIDGE 15 King Road 622



BRIDGE 16 Carr Road 535



BRIDGE 17 Cubb Creek Road 650



BRIDGE 18 Cubb Creek Road 650



BRIDGE 19 Keith Cemetery Road





Oct. 3, 2013

Oct. 3, 2013