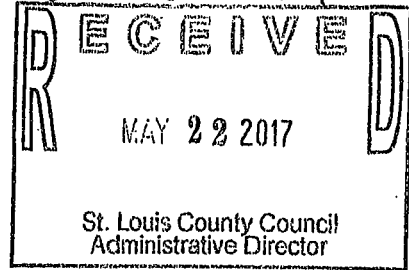


# St. Louis County Council

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5-23

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COUNTY GOVERNMENT CENTER  
ADMINISTRATION BUILDING  
41 S. CENTRAL AVENUE  
CLAYTON, MISSOURI 63105

**Mark A. Harder**  
COUNCILMAN, 7th DISTRICT  
E-Mail: mharder@stlouisco.com

## MEMORANDUM

Date: May 22, 2017

To: St. Louis County Council Members and Staff

From: Councilman Mark Harder, District 7

RE: Lewis and Allen Rd. Bridges; Bill 130

There has been some misinformation concerning the Lewis and Allen Rd. bridge projects. These two bridges are a demonstrated safety concern. I am attaching the following information to help clear any confusion and to make the case for passage of Bill 130.

Thank you in advance for your consideration.

MH/cgh



## **Allen & Lewis Rd. Bridge Fact Sheet**

Lewis Rd. Bridge 331 is in very poor condition.

The bridge was shored in 2014 and requires additional shoring to remain open.

Lewis Rd. Bridge 331 is the worst bridge maintained by St. Louis County.

Sufficiency rating on MoDOT's published BRO system list is 2% for the Lewis Rd. Bridge and 17.2% for Allen Rd. bridge (where 100% is pristine condition and 0% is failure/closure).

It is one of the lowest rated in the St. Louis metropolitan area.

Lewis is one of the 10 worst non-state bridges in the state of Missouri (both the BRO and BRM programs).

Lewis Rd. Bridge 331 and Allen Rd. Bridge 329 are the top bridge priorities for the County.

Funding and estimate information for Lewis Rd. Bridge project are as follows:

\$750,000 of STP construction funds have been secured for the project. 15% financial support from UPRR.

Total estimate (design, ROW, construction is 2,501,020; project cost is due to railroad requirements and the need to utilize a temporary bridge to keep access to the far side. The Counties portion of the funding for both bridge projects will come from the Road & Bridge Fund. A dedicated fund, paid for by taxpayers for this specific purpose. Both projects will involve layout design of temporary bridges on temporary roadways – work that requires considerable additional design effort as compared to a project where a road is simply closed.

Allen Rd. Bridge cost estimate is 2.5 Million with another \$750,000.00 Federal reimbursement.



**Missouri Department of Transportation  
Bridge Inventory and Inspection System  
Federal Bridge Funds Qualification Listing  
Non State System Structures - Non Federal Aid Routes**

April 7, 2015  
10:45:11am  
\* Rev 2006  
Submittal Year: 2014

Federal ID	Bridge Rehab No.	Twy No.	Bridge Name	Feature	Year Built	Year Recen	Curb Width	Rating Condition			Struc Eval	Deck Geom	Water Adq	Road Align	Sufficiency Rating	Deficiency	Funding Category	Approved			Deficiency		
								Deck	Super	Sub								Ton 1	Ton 2	Ton 3		Req	Removal
15522	0963003		SOLDA AVE	COLDWATER CR	1973		1000 25 Ft. 6 In.	6	3	5	N	2	5	4	8	27.7%	SD	FULL	S-3	14			B, D, H
15528	0963105		HUDSON DR	BLACK JACK CR	1955		3655 25 Ft. 10 In.	5	6	5	N	5	3	9	8	58.5%	FO	PART	S-15	56	45		E
15529	0963106		VORHOF DR	BLACK JACK CR	1956		2921 25 Ft. 10 In.	5	6	5	N	5	3	7	8	55.5%	FO	PART	S-15	56	45		E
15563	0963166		MISSOURI BOTTOM RD	COWMIRE CR	1936	1981	1480 19 Ft. 0 In.	6	6	6	N	4	2	6	4	54.7%	FO	PART	S-15	67	45		E
15600	0963266		FRANKLIN DR	BR GRAND GLAIZE CR	1973		3173 25 Ft. 10 In.	5	5	6	N	5	3	9	6	49.9%	FO	FULL	S-15	56	45		E
15604	0963302		FRANKLIN DR	CLEAR CR	1923	1983	1 17 Ft. 8 In.	6	6	5	N	4	3	6	8	50.4%	FO	PART	S-15	32	21		E, H
15605	0963305		MASON LN	GRAND GLAIZE CR	1960		430 18 Ft. 8 In.	5	5	5	N	4	3	6	8	50.4%	FO	FULL	S-3	31			E, H
15606	0963331		ALLEN DR	UPPER	1930		346 20 Ft. 4 In.	5	5	4	N	2	4	6	4	45.2%	SD	FULL	S-15	26	19		E, H
15611	0963349		LEWIS DR (GALSON)	UPPER	1930		346 20 Ft. 4 In.	4	4	3	N	2	4	7	4	30%	SD	FULL	S-15	29	19		C, D, H
15613	0963351		NEW BALLWIN RD	KIEFER CR	1932		772 20 Ft. 4 In.	5	5	5	N	5	3	7	6	41.0%	FO	FULL	S-15	40	22		E
15627	0963400		NEW BALLWIN RD	KIEFER CR	1932		1164 19 Ft. 0 In.	4	4	6	N	4	2	6	6	31.2%	SD	FULL	S-15	29	22		A, B, E, H
15640	0963428		TESSIERE DR	GRAVOIS CR	1933		3450 40 Ft. 0 In.	5	5	5	N	5	2	7	7	58.6%	FO	PART	S-15	40	26		E
15644	0963445		RAILROAD ST	BIG BEND BLVD	1960		643 29 Ft. 10 In.	4	4	6	N	4	2	6	4	62.6%	FO	PART	S-15	67	45		A, B, J
15651	0963517		OLD SMIZER MILL RD	FENTON CR	1930	1981	11 17 Ft. 0 In.	7	7	5	N	4	3	7	6	49.6%	FO	FULL	S-15	63	34		E
15673	0963200		OLD BAUMGARTNER RD	MATTHEE CR	1956	1990	995 20 Ft. 0 In.	5	5	4	N	4	3	6	7	41.7%	SD	FULL	S-15	47	26		C, E
16245	1145002		BOOKENDER DR	TRIB CREVE COEUR C	1966		3161 25 Ft. 7 In.	N	N	N	N	5	2	7	6	55.2%	FO	PART	S-15	46	34		E
16247	1145004		FAWN VALLEY DR	BR OF TWO MILE CR	1965		300 23 Ft. 11 In.	4	4	6	N	4	5	7	5	29.4%	SD	FULL	S-3	16			A, B, E
17256	1465023		DADE AVE	TWO MILE CR	1965		150 23 Ft. 11 In.	3	3	5	N	2	5	7	5	77.5%	FO	PART	S-1	10			A, B, D, H
19629	2380002		PADDOCK DR	NS RR	2001		2800 23 Ft. 11 In.	6	6	6	N	6	2	N	5	78.3%	FO	PART	S-1				E
20508	2630002		SPRING MEADOWS DR	PADDOCK CR	1995		4000 25 Ft. 7 In.	N	N	N	7	7	2	8	8	78.8%	FO	PART	S-1				E
20537	2640006		HOWARD GEORGE RD	ENSEFER	1972		1020 21 Ft. 11 In.	6	7	7	N	7	3	N	4	47.5%	FO	PART	S-1				E
20539	2640008		WEAVER AVE	GRAND GLAIZE CR	1977		1000 29 Ft. 2 In.	4	4	6	N	4	4	8	6	26.4%	SD	FULL	S-3	30			A, B, H
23777	4320001		LOVELLA AVE	GRAND GLAIZE CR	1976		2500 0 Ft. 0 In.	N	N	N	6	3	N	8	8	61.1%	FO	PART	S-3	20			B, H
24452	4320014		KEMELAND PLACE	BLACK CREEK BR	1984		500 25 Ft. 10 In.	5	3	5	N	3	5	7	7	33.8%	SD	FULL	S-3	26			D, H
24652	4520001		KINGSLAND AVE	BLACK CREEK BR	1976		500 24 Ft. 11 In.	4	4	4	7	N	4	8	6	39.2%	SD	FULL	S-3	26			A, B, D, H
24156	4602048		WOODS AVE	CLAYTONIA CR	1976		2100 23 Ft. 10 In.	4	4	6	N	4	4	8	6	67.8%	SD	FULL	S-3	40			E
24161	4602053		BOUQUET RD	NE BR RVR DES PERES	1950	1988	1000 35 Ft. 5 In.	N	N	5	5	2	2	9	8	71.8%	SD	FULL	S-1	11			A, B, D, E, H
24162	4602057		WILD HORSE CR RD	BR OF WILD HORSE C	1928	1981	180 15 Ft. 11 In.	5	7	5	N	5	3	8	7	54.8%	FO	PART	S-1				F
24164	4602089		RIEGER RD	TAVERN CR	1962		1120 20 Ft. 0 In.	5	4	6	N	4	2	7	4	39.7%	FO	FULL	S-15	32	21		E, H
24172	4602092		WILD HORSE CR RD	BR OF WILD HORSE C	1940		730 20 Ft. 0 In.	7	7	3	N	3	3	6	6	40.0%	SD	FULL	S-15	32	21		B, E, H
25281	9130001		OLD BATHERTON RD	BR OF WILD HORSE C	1940	1982	1120 20 Ft. 11 In.	6	6	5	N	4	2	6	4	24.2%	SD	FULL	S-15	32	21		C, D, E, H
			GLENCOE RD	BONHOMME CR	1940	1982	565 17 Ft. 0 In.	6	6	5	N	4	2	7	8	49.4%	FO	FULL	S-15	32	21		E, H
				HAMILTON CR	1959		400 20 Ft. 4 In.	5	3	5	N	3	4	7	5	19.5%	SD	FULL	S-3	20			B, D, H

Submittal Year = 2014

This report contains information that is protected from disclosure by Federal law, 23 USC Section 409 and the Missouri Open Records Law (Sunshine Act), Sections 610.021 RSMo. Please review MoDOT's policy and procedures manual on the Sunshine Act before releasing any of the information contained herein.

Status of 2014 5 -Year Capital Plan  
5/11/2017

Project No.	Project	2014 Projected	2015 Projected	2016 Projected	2017 Projected	2018 Projected	5-Year Projected	Status
AR-1437	Infra. Union Rd Design	\$ -	\$ 279,000.00	\$ -	\$ -	\$ -	\$ 279,000.00	COMPLETE
AR-1133	Mason Road Bridge	\$ 2,397,000.00	\$ -	\$ -	\$ -	\$ -	\$ 2,397,000.00	PROJECT COMPLETE
CR-1274	Allen Road Bridge	\$ 329,000.00	\$ 3,264,700.00	\$ -	\$ -	\$ -	\$ 3,593,700.00	Accepting Right-of-Way/Summer/Fall 2017
AR-1277	Conway Road Bridge No. 205	\$ 42,000.00	\$ 881,400.00	\$ -	\$ -	\$ -	\$ 923,400.00	PROJECT COMPLETE
CR-1285	Lewis Road Bridge	\$ -	\$ 5,200,900.00	\$ 430,400.00	\$ 3,420,500.00	\$ -	\$ 8,851,800.00	Accepting Right-of-Way/Summer/Fall 2017
AR-1288	Parker Road Bridge No 148	\$ -	\$ 697,000.00	\$ -	\$ -	\$ -	\$ 697,000.00	PROJECT COMPLETE
AR-1289	Reavis Barracks Bridge	\$ -	\$ -	\$ 606,800.00	\$ 683,700.00	\$ 6,467,200.00	\$ 7,757,700.00	Deferred
AR-1326	Infra.- Laddland Rd	\$ -	\$ 1,000,000.00	\$ -	\$ -	\$ -	\$ 1,000,000.00	Deferred
AR-1398	Shackelford Road (Includes Charbonier Intersection)	\$ 927,300.00	\$ 7,269,600.00	\$ -	\$ -	\$ -	\$ 8,196,900.00	UNDER CONSTRUCTION
AR-1407	Infra.-North Hanley Rd	\$ 170,000.00	\$ -	\$ -	\$ -	\$ -	\$ 170,000.00	CONSTRUCTION CONTRACT AWARDED
AR-1408	Infra.-Baxter Rd	\$ 962,700.00	\$ -	\$ -	\$ -	\$ -	\$ 962,700.00	PROJECT COMPLETE
AR-1410	Infra.-Ladue Rd	\$ 352,000.00	\$ -	\$ -	\$ -	\$ -	\$ 352,000.00	Cancelled
AR-1411	Infra.-McKelvey Rd	\$ 1,102,000.00	\$ -	\$ -	\$ -	\$ -	\$ 1,102,000.00	PROJECT COMPLETE
AR-1412	Infra.-Forder Rd	\$ 714,600.00	\$ -	\$ -	\$ -	\$ -	\$ 714,600.00	PROJECT COMPLETE
AR-1413	Infra.-Reavis Barracks /Maackenzie Road	\$ 2,225,800.00	\$ -	\$ -	\$ -	\$ -	\$ 2,225,800.00	PROJECT COMPLETE
AR-1424	Infra.-Berry Rd	\$ 1,230,600.00	\$ -	\$ -	\$ -	\$ -	\$ 1,230,600.00	PROJECT COMPLETE
AR-1434	Infra.-Murdock/Avenue/Murdoch Cut-Off	\$ -	\$ 952,000.00	\$ -	\$ -	\$ -	\$ 952,000.00	PROJECT COMPLETE
AR-1436	Infra.-Hanley Rd	\$ 1,526,000.00	\$ -	\$ -	\$ -	\$ -	\$ 1,526,000.00	PROJECT COMPLETE
AR-1437	Infra.-Union Rd	\$ -	\$ 2,871,000.00	\$ -	\$ -	\$ -	\$ 2,871,000.00	CONSTRUCTION CONTRACT AWARDED
CR-1443	CRS Collector Overlay Wells Rd	\$ -	\$ 10,000.00	\$ -	\$ -	\$ -	\$ 10,000.00	PROJECT COMPLETE
CR-1444	CRS Collector Overlay Christopher Drive	\$ -	\$ 1,020,000.00	\$ -	\$ -	\$ -	\$ 1,020,000.00	PROJECT COMPLETE
CR-1445	CRS Collector Overlay Ringer Road	\$ -	\$ 807,500.00	\$ -	\$ -	\$ -	\$ 807,500.00	CONSTRUCTION CONTRACT AWARDED
CR-1446	CRS Collector Overlay Telegraph Road	\$ -	\$ -	\$ 1,343,000.00	\$ -	\$ -	\$ 1,343,000.00	CONSTRUCTION CONTRACT AWARDED
CR-1447	CRS Collector Overlay Miramar Bottom Road/Amba Road	\$ -	\$ -	\$ 926,500.00	\$ -	\$ -	\$ 926,500.00	UNDER CONSTRUCTION
AR-1448	Infra.-Missouri Bottom Rd	\$ 92,000.00	\$ 120,000.00	\$ 1,156,000.00	\$ -	\$ -	\$ 1,276,000.00	ADVERTISE FOR BIDS MAY, 2017
AR-1449	Infra.-Lilac Avenue	\$ -	\$ -	\$ 901,000.00	\$ -	\$ -	\$ 901,000.00	CONSTRUCTION CONTRACT AWARDED
AR-1450	Infra.-Chambers Rd (East)	\$ -	\$ 1,802,000.00	\$ -	\$ -	\$ -	\$ 1,802,000.00	UNDER CONSTRUCTION
AR-1451	Infra.-Chambers Rd (West)	\$ -	\$ 1,551,300.00	\$ -	\$ -	\$ -	\$ 1,551,300.00	Combined with 1450 ABOVE
AR-1452	Music Avenue Bridge No. 412	\$ 89,000.00	\$ 43,300.00	\$ 697,100.00	\$ -	\$ -	\$ 829,400.00	ADVERTISE FOR BIDS MAY, 2017
AR-1453	ITS Program North Area	\$ 693,000.00	\$ -	\$ -	\$ -	\$ -	\$ 693,000.00	PROJECT COMPLETE
AR-1454	ITS Program West/South Areas	\$ -	\$ 1,547,100.00	\$ -	\$ -	\$ -	\$ 1,547,100.00	PROJECT COMPLETE
AR-1466	Rehabilitation-Big Bend Blvd (Central)	\$ 173,000.00	\$ 1,730,000.00	\$ -	\$ -	\$ -	\$ 1,903,000.00	Under Design - 2018 Construction
AR-1467	Rehabilitation-Butler Hill Road	\$ 142,000.00	\$ 1,410,000.00	\$ -	\$ -	\$ -	\$ 1,552,000.00	Under Design - 2018 Construction
AR-1468	Rehabilitation-Fee Fee Road	\$ -	\$ -	\$ 160,000.00	\$ 1,590,000.00	\$ -	\$ 1,750,000.00	Under Design - 2018 Construction
AR-1469	Rehabilitation-Lucas-Hunt Road	\$ -	\$ -	\$ 87,000.00	\$ 845,000.00	\$ -	\$ 932,000.00	Under Design - 2018 Construction
AR-1470	Rehabilitation-Marine Avenue	\$ -	\$ -	\$ 5,000.00	\$ 2,101,000.00	\$ -	\$ 2,106,000.00	Deferred
AR-1471	Rehabilitation-Midland Blvd (East)	\$ -	\$ -	\$ -	\$ 2,480,000.00	\$ -	\$ 2,485,000.00	Deferred
AR-1472	Rehabilitation-Midland Blvd (West)	\$ -	\$ -	\$ 5,000.00	\$ 1,235,000.00	\$ -	\$ 1,240,000.00	Deferred
AR-1473	Rehabilitation-North Hanley Road (D)	\$ -	\$ -	\$ 125,000.00	\$ 1,235,000.00	\$ -	\$ 1,360,000.00	Under Design - 2018 Construction
AR-1474	Rehabilitation-North Hanley (C)	\$ -	\$ -	\$ 573,000.00	\$ -	\$ -	\$ 573,000.00	CONSTRUCTION CONTRACT AWARDED
AR-1475	Rehabilitation-Old State Road	\$ -	\$ 79,000.00	\$ 762,000.00	\$ -	\$ -	\$ 841,000.00	CONSTRUCTION CONTRACT AWARDED
AR-1476	Rehabilitation-St. Charles Rock Road (East)	\$ -	\$ 93,000.00	\$ 903,000.00	\$ -	\$ -	\$ 996,000.00	UNDER CONSTRUCTION
AR-1480	Rehabilitation-Hells Ferry Road	\$ -	\$ -	\$ 140,000.00	\$ 1,390,000.00	\$ -	\$ 1,530,000.00	Under Design - 2018 Construction
AR-1481	Rehabilitation-Kehts Mill Road	\$ -	\$ -	\$ 112,000.00	\$ 1,094,000.00	\$ -	\$ 1,206,000.00	Under Design - 2018 Construction
AR-1484	Rehabilitation-Hanley Road	\$ -	\$ -	\$ 121,000.00	\$ 1,190,000.00	\$ -	\$ 1,311,000.00	Under Design - 2018 Construction
AR-1487	Rehabilitation-East Concorde/Reavis	\$ -	\$ 114,000.00	\$ 1,121,000.00	\$ -	\$ -	\$ 1,235,000.00	CONSTRUCTION CONTRACT AWARDED
AR-1491	Rehabilitation-Vance Road	\$ -	\$ -	\$ 99,000.00	\$ 963,000.00	\$ -	\$ 1,062,000.00	Under Design - 2018 Construction
AR-1492	Rehabilitation-Washington Street	\$ -	\$ 110,000.00	\$ 1,075,000.00	\$ -	\$ -	\$ 1,185,000.00	UNDER CONSTRUCTION
AR-1493	Rehabilitation-North and South Road	\$ -	\$ -	\$ 113,000.00	\$ 1,112,000.00	\$ -	\$ 1,225,000.00	Under Design - 2018 Construction
AR-1501	ITS Program-Northwest Courty	\$ 859,000.00	\$ -	\$ -	\$ -	\$ -	\$ 859,000.00	PROJECT COMPLETE
AR-1502	ITS Program-South Central County	\$ 5,000.00	\$ 841,000.00	\$ -	\$ -	\$ -	\$ 846,000.00	PROJECT COMPLETE
AR-1503	ITS Program-North Central County/County	\$ -	\$ 5,000.00	\$ 985,000.00	\$ -	\$ -	\$ 990,000.00	Deferred to 2016