



# Missouri Department of Transportation

**1913**

Missouri legislature forms State Highway Department

**1916**

Congress passes federal highway act, which makes federal funds available to states based on area, population and postal road mileage.

**1917**

Missouri Legislature passes Hawes Law so Missouri can receive federal funds and also creates State Road Fund and a four-member State Highway Board.

**1918**

State Highway Department produces one of the earliest Missouri road maps. (See more old Missouri maps on the [map archive page](#)).

**1920**

\$60 million bond issue passes to "get Missouri out of the mud."

**1921**

Formal department operations are established when the Legislature passes the Centennial Road Law, creating a four-member [State Highway Commission](#) and the positions of secretary, chief engineer and chief counsel.

**1924**

Proposition 5 passes, creating the state's first fuel tax, 2-cents per gallon.

**1928**

Missouri becomes the first state to earmark and protect funds for highway purposes.



# Missouri Department of Transportation

**1952**

Fuel tax increases to 3 cents per gallon.



**1952**

Department takes over responsibility for almost 12,000 miles of county highways, bringing 95 percent of all Missourians to within two miles of a hard-surfaced road.

**1956**

Missouri becomes first state in the nation to take bids and begin construction on the interstate highway system.

**1961**

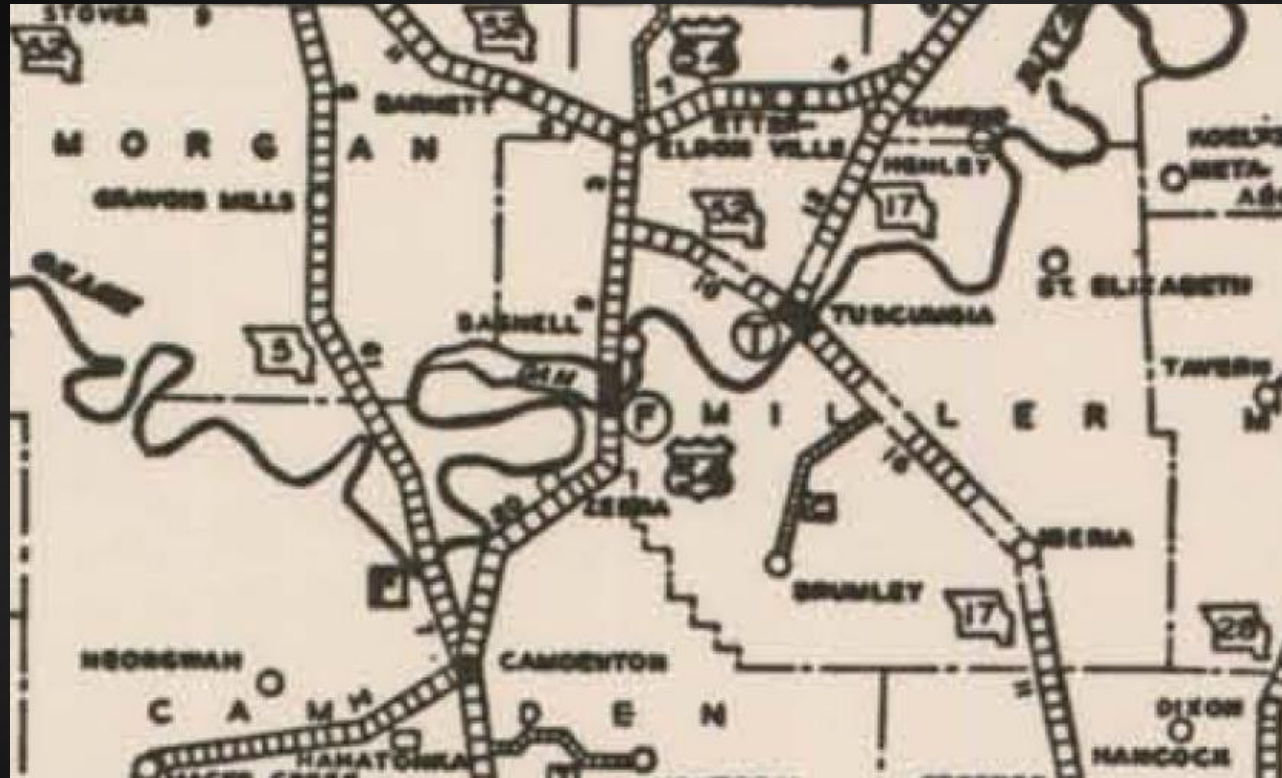
Fuel tax increases to 5 cents per gallon; County Aid Road Trust (CART) Fund created.

**1965**

The commission's membership is increased by the Legislature from four to six members.

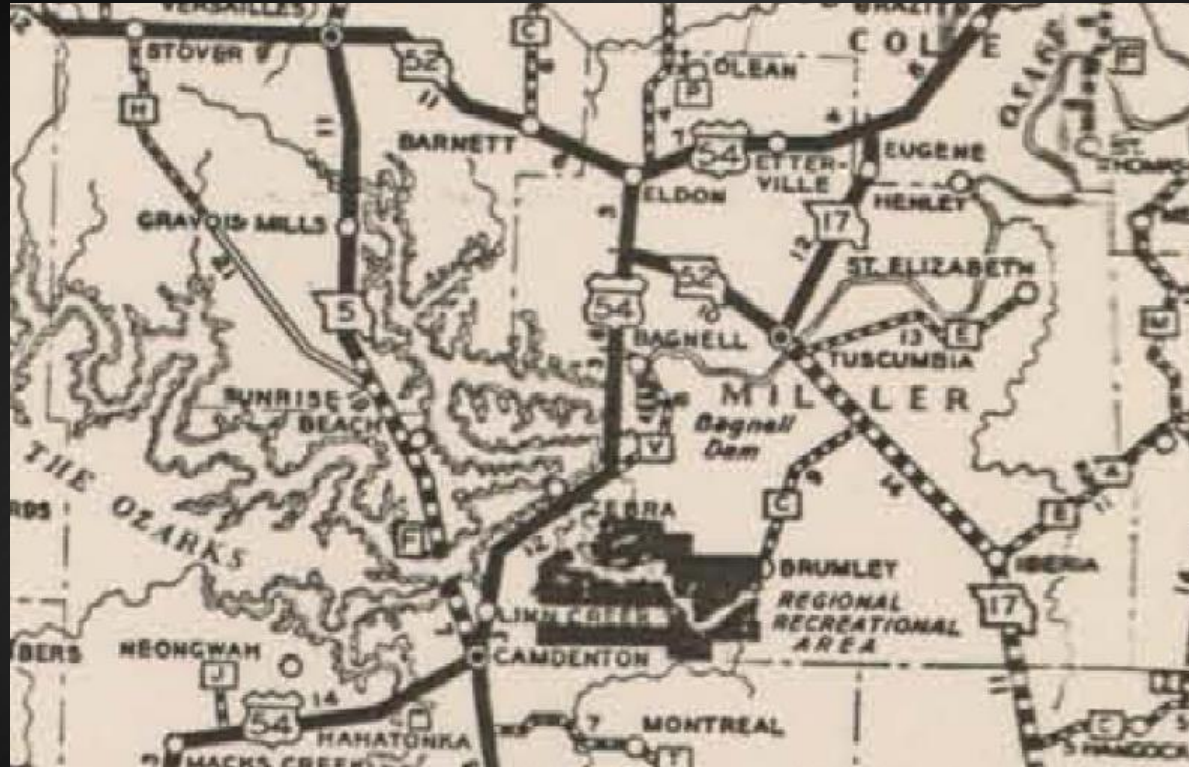


## Missouri Department of Transportation





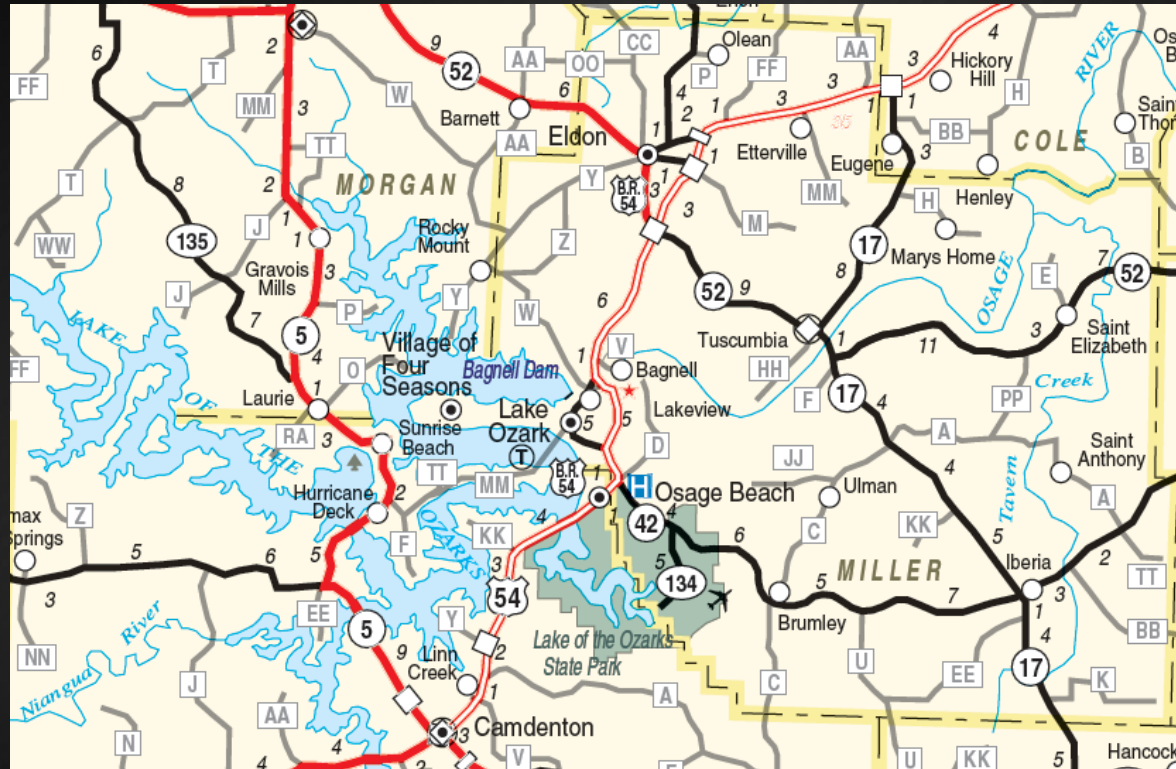
## Missouri Department of Transportation







# Missouri Department of Transportation





# Missouri Department of Transportation

Dist.		FUNCTIONAL CLASS														MAJOR / MINOR					
		Interstate		Freeway Expressway		Principal Arterial		Minor Arterial		Major Collector		Minor Collector		Local		TOTAL		Major Roads		Minor Roads	
		Cntl.	Lane	Cntl.	Lane	Cntl.	Lane	Cntl.	Lane	Cntl.	Lane	Cntl.	Lane	Cntl.	Lane	Cntl.	Lane	Cntl.	Lane	Cntl.	Lane
NW	Urban	19,567	81,723	11,802	47,472	44,408	144,392	17,703	46,025	11,902	24,037	1,330	2,660	4,148	6,726	110,860	353,035	75,777	273,587	35,083	79,448
	Rural	169,826	693,290	129,485	516,305	362,302	729,814	431,292	879,337	2,826,806	5,656,939	1,208,730	2,417,464	62,315	103,890	5,190,756	10,997,039	661,613	1,939,409	4,529,143	9,057,630
	Total	189,393	775,013	141,287	563,777	406,710	874,206	448,995	925,362	2,838,708	5,680,976	1,210,060	2,420,124	66,463	110,616	5,301,616	11,350,074	737,390	2,212,996	4,564,226	9,137,078
NE	Urban	7,940	33,656	30,728	126,798	25,441	67,295	54,281	132,029	33,419	68,542	2,443	4,886	24,439	48,196	178,691	481,402	64,109	227,749	114,582	253,653
	Rural	32,716	133,414	240,223	968,951	264,069	549,320	415,215	831,754	2,379,465	4,765,185	899,716	1,799,561	135,595	266,180	4,366,999	9,314,365	537,008	1,651,685	3,829,991	7,662,680
	Total	40,656	167,070	270,951	1,095,749	289,510	616,615	469,496	963,783	2,412,884	4,833,727	902,159	1,804,447	160,034	314,376	4,545,690	9,795,767	601,117	1,879,434	3,944,573	7,916,333
KC	Urban	175,220	970,643	118,410	534,899	158,900	590,354	137,279	396,285	90,499	205,316	1,446	2,892	93,780	170,141	775,534	2,870,530	454,654	2,105,014	320,880	765,516
	Rural	87,515	359,545	10,147	42,488	265,698	753,413	205,402	412,705	1,226,999	2,468,782	381,805	762,873	141,548	265,641	2,319,104	5,065,447	363,360	1,155,446	1,955,744	3,910,001
	Total	262,735	1,330,188	128,557	577,387	424,598	1,343,767	342,681	808,990	1,317,488	2,674,098	383,251	765,765	235,328	435,782	3,094,638	7,935,977	818,014	3,260,460	2,276,624	4,675,517
CD	Urban	44,546	185,857	58,538	248,266	48,025	203,442	79,086	201,763	40,380	83,115	10,625	21,252	58,154	112,093	339,354	1,055,788	151,109	637,565	188,245	418,223
	Rural	145,699	598,443	34,649	141,387	403,959	1,074,228	872,447	1,770,273	2,329,905	4,677,019	922,491	1,844,997	194,967	359,000	4,904,117	10,465,347	586,345	1,818,134	4,317,772	8,647,213
	Total	190,245	784,300	93,187	389,653	451,984	1,277,670	951,533	1,972,036	2,370,285	4,760,134	933,116	1,866,249	253,121	471,093	5,243,471	11,521,135	737,454	2,455,699	4,506,017	9,065,436
SL	Urban	217,524	1,551,170	101,802	559,931	228,722	1,024,965	122,949	388,310	194,309	472,366	3,063	6,104	70,621	129,323	938,990	4,132,169	548,245	3,136,263	390,745	995,906
	Rural	33,191	154,723	15,189	76,532	65,227	170,184	119,758	246,102	428,237	860,238	113,091	226,098	21,528	40,548	796,221	1,774,425	113,607	401,439	682,614	1,372,986
	Total	250,715	1,705,893	116,991	636,463	293,949	1,195,149	242,707	634,412	622,546	1,332,604	116,154	232,202	92,149	169,871	1,735,211	5,906,594	661,852	3,537,702	1,073,359	2,368,892
SW	Urban	44,411	186,708	102,538	468,757	107,202	417,166	102,510	263,122	85,387	181,293	1,194	2,389	33,375	65,496	476,617	1,584,931	254,151	1,072,631	222,466	512,300
	Rural	203,386	835,204	202,272	828,763	370,170	845,532	774,284	1,572,726	3,253,735	6,518,479	1,056,412	2,113,439	201,466	396,527	6,061,725	13,110,670	775,828	2,509,499	5,285,897	10,601,171
	Total	247,797	1,021,912	304,810	1,297,520	477,372	1,262,698	876,794	1,835,848	3,339,122	6,699,772	1,057,606	2,115,828	234,841	462,023	6,538,342	14,695,601	1,029,979	3,582,130	5,508,363	11,113,471
SE	Urban	28,895	121,360	43,932	180,893	41,054	148,639	83,091	233,284	67,096	146,260	2,246	4,761	23,807	45,652	290,121	880,849	115,113	453,396	175,008	427,453
	Rural	169,200	690,591	293,944	1,181,614	297,542	654,348	1,140,775	2,300,415	3,691,895	7,405,339	1,360,485	2,721,132	169,626	326,967	7,123,467	15,280,406	793,127	2,592,082	6,330,340	12,688,324
	Total	198,095	811,951	337,876	1,362,507	338,596	802,987	1,223,866	2,533,699	3,758,991	7,551,599	1,362,731	2,725,893	193,433	372,619	7,413,588	16,161,255	908,240	3,045,478	6,505,348	13,115,777
TOTAL	Urban	538,103	3,131,117	467,750	2,167,016	653,752	2,596,253	596,899	1,660,818	522,992	1,180,929	22,347	44,944	308,324	577,627	3,110,167	11,358,704	1,663,158	7,906,205	1,447,009	3,452,499
	Rural	841,533	3,465,210	925,909	3,756,040	2,028,967	4,776,839	3,959,173	8,013,312	16,137,032	32,351,981	5,942,730	11,885,564	927,045	1,758,753	30,762,389	66,007,699	3,830,888	12,067,694	26,931,501	53,940,005
	Total	1,379,636	6,596,327	1,393,659	5,923,056	2,682,719	7,373,092	4,556,072	9,674,130	16,660,024	33,532,910	5,965,077	11,930,508	1,235,369	2,336,380	33,872,556	77,366,403	5,494,046	19,973,899	28,378,510	57,392,504



# Missouri Department of Transportation

Asphalt Pavement Repair and Patching

Place enough asphalt lay a one inch overlay on  
a lane from Los Angeles to Washington DC





# Missouri Department of Transportation

## Pavement Preservation

Perform enough pavement sealing to return  
from Los Angeles to Washington DC

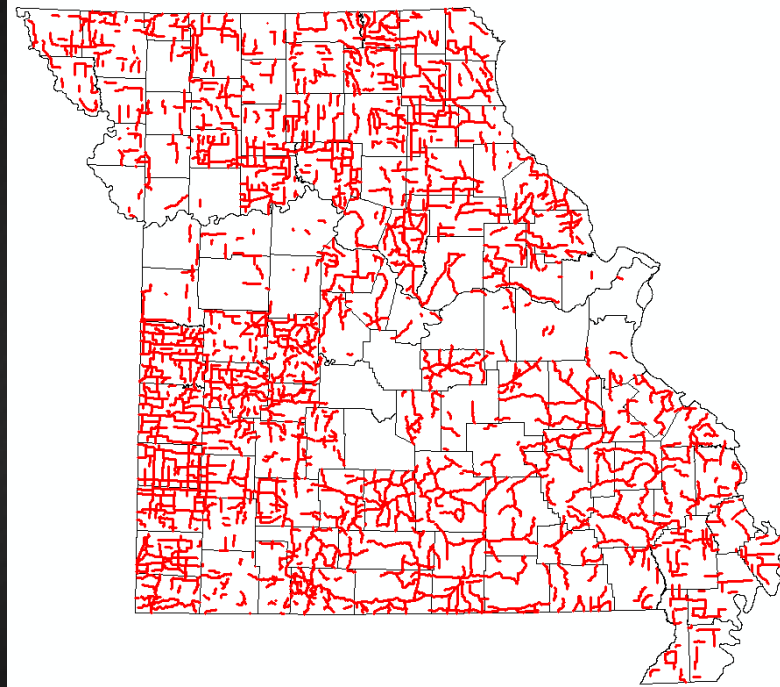






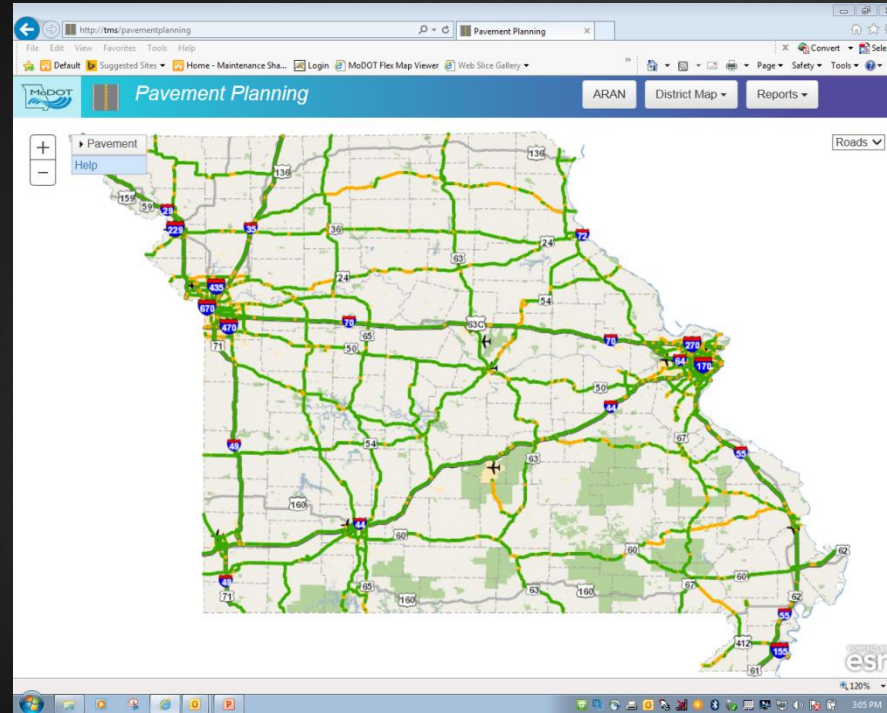
# Missouri Department of Transportation

## 2016 In-House Pavement Plan





# Missouri Department of Transportation Pavement Planning Tool





# Missouri Department of Transportation Pavement Planning Tool

http://tms/pavementplanning/Report/Projects

PVMT Edit Grid Reports

### Projects

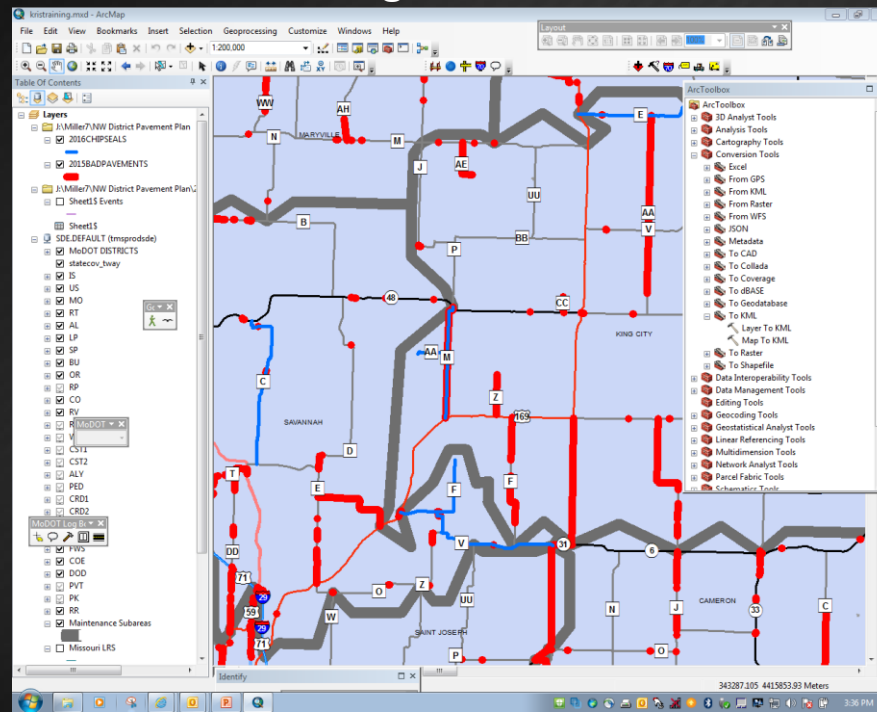
District: NW Treatment: CHIP SEAL  
Year: 2016 Funding Category: SELECT  
Major/Minor: SELECT Refresh Reset Export to Excel

ID	Job Number	Year	Maj/Min	Funding	Dollars	Num Lanes	Treatment	Est Qty	% Fed Aid	Tway Name	Tway ID	Begin Log	End Log	District
13752	2016OPS	2016	MINOR	MAINTENANCE	\$73,125	2	CHIP SEAL	0	0	RT F S	5678	0	4.875	NW
23354	16HOLT-111	2016	MINOR	MAINTENANCE	\$93,086	2	CHIP SEAL	4.45	0	MO 111 S	5298	28.278	32.728	NW
13767	2016OPS	2016	LOWVOL	MAINTENANCE	\$138,075	2	CHIP SEAL	0	0	RT P E	4736	0	9.205	NW
13774	2016OPS	2016	LOWVOL	MAINTENANCE	\$131,970	2	CHIP SEAL	0	0	RT V E	5763	0	8.798	NW
13769	2016OPS	2016	LOWVOL	MAINTENANCE	\$86,550	2	CHIP	0	0	RT E	5781	0	5.77	NW

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# Missouri Department of Transportation Pavement Planning Tool







# Missouri Department of Transportation Pavement Planning Tool


ARAN Viewer

Year/Direction: Show Hide Data: Show Hide

☒ Fit To Window ☐ Inset Map ☐ IRI Graph ☒ Use Current SS Pavement

Year	Desg	Name	Dir	Tway Id	%Cov	Min Log	Max Log
2015	RT	M	S	5751	200	0.009	5.002
2014	RT	M	N	5752	200	0.457	5.437
2013	RT	M	N	5752	200	0.445	5.428

RT M S Travelway 5751 Log 0.009 ARAN Year 2015



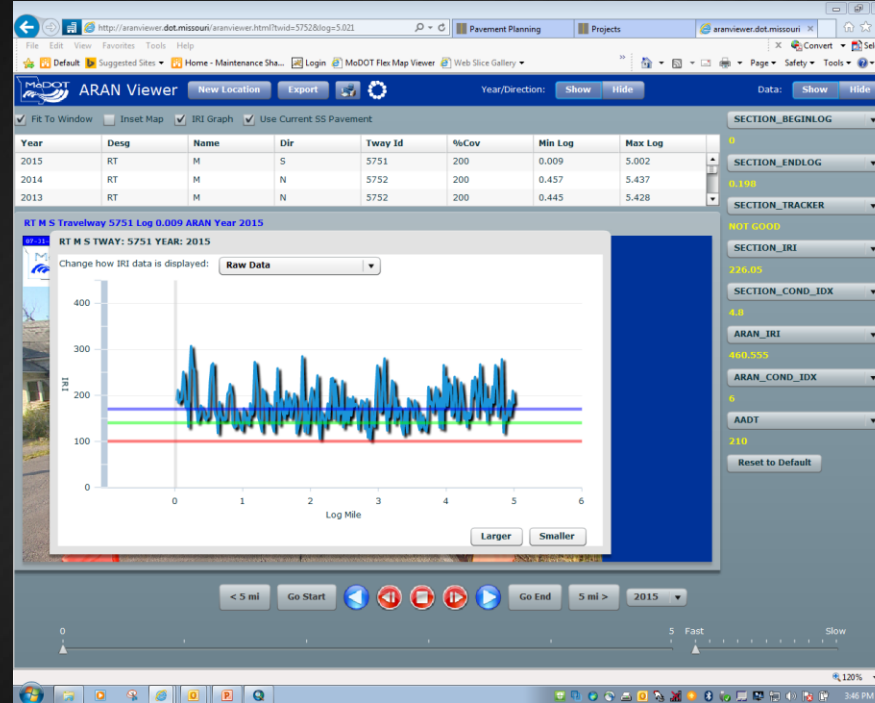
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0  
SECTION\_ENDLOG  
0.100  
SECTION\_TRACKER  
NOT GOOD  
SECTION\_IRI  
226.05  
SECTION\_COND\_IDX  
4.8  
ARAN\_IRI  
460.555  
ARAN\_COND\_IDX  
6  
AADT  
210  
Reset to Default

< 5 mi Go Start 5 mi > 2015

0 5 Fast Slow



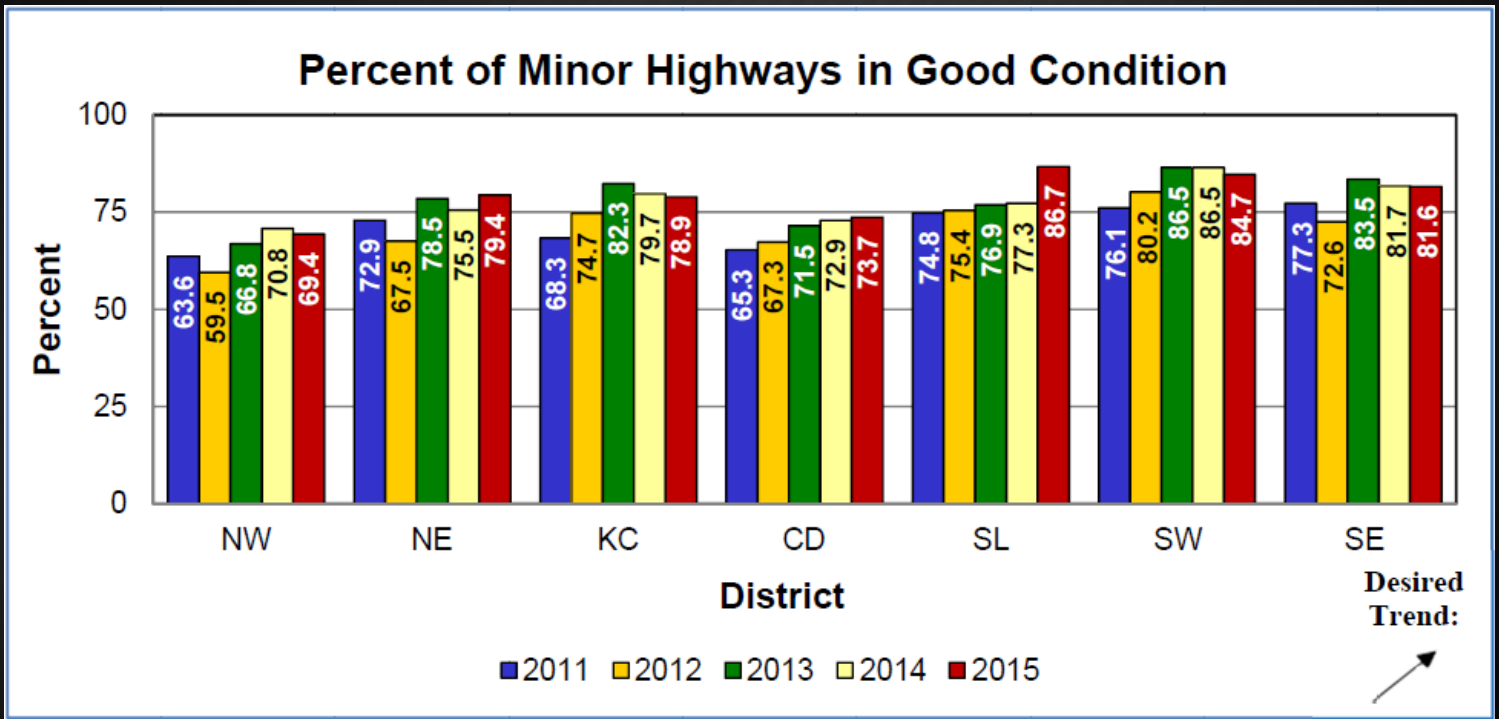
# Missouri Department of Transportation Pavement Planning Tool





# Missouri Department of Transportation

## Performance Tracker





# Missouri Department of Transportation

## Asphalt Pavement Repair

District	Equipment	Labor	Cash	Total	Percent Cash	Percent Primary	Percent Major
Northwest	\$ 968,462.97	\$ 2,243,214.72	\$ 7,208,526.65	\$ 10,420,204	69%	28%	26%
Northeast	\$ 826,579.91	\$ 1,757,200.42	\$ 4,909,388.24	\$ 7,493,169	66%	31%	26%
Kansas City	\$ 558,481.74	\$ 1,259,819.80	\$ 3,960,439.91	\$ 5,778,741	69%	31%	26%
Central	\$ 754,233.85	\$ 2,131,939.69	\$ 3,791,570.53	\$ 6,677,744	57%	39%	37%
St. Louis	\$ 142,925.28	\$ 549,866.69	\$ 945,461.51	\$ 1,638,253	58%	31%	26%
Southwest	\$ 1,065,989.78	\$ 2,772,295.72	\$ 5,457,208.76	\$ 9,295,494	59%	31%	26%
Southeast	\$ 1,020,071.65	\$ 2,600,850.07	\$ 4,019,200.58	\$ 7,640,122	53%	42%	36%





# Missouri Department of Transportation

## Chip Seal (Includes Pavement Preventive Maintenance)

District	Equipment	Labor	Cash	Total	Percent Cash	Percent Primary	Percent Major
Northwest	\$ 128,309.23	\$ 301,690.69	\$ 1,446,137.27	\$ 1,876,137	77%	31%	26%
Northeast	\$ 209,818.00	\$ 412,704.82	\$ 1,362,966.81	\$ 1,985,490	69%	31%	26%
Kansas City	\$ 134,821.94	\$ 252,084.36	\$ 1,305,471.10	\$ 1,692,377	77%	31%	26%
Central	\$ 388,499.97	\$ 900,954.39	\$ 2,806,284.82	\$ 4,095,739	69%	31%	26%
St. Louis	\$ 46,580.03	\$ 285,418.87	\$ 413,570.23	\$ 745,569	55%	31%	26%
Southwest	\$ 321,478.42	\$ 1,097,848.27	\$ 3,129,242.71	\$ 4,548,569	69%	31%	26%
Southeast	\$ 313,482.48	\$ 838,473.81	\$ 2,394,363.98	\$ 3,546,320	68%	31%	26%
Totals -	\$ 1,542,990	\$ 4,089,175	\$ 12,858,037	\$ 18,490,202			



# Missouri Department of Transportation

## Patching Roads

District	Equipment	Labor	Cash	Total	Percent Cash	Percent Primary	Percent Major
Northwest	\$ 384,509.02	\$ 1,601,131.53	\$ 797,267.80	\$ 2,782,908	29%	31%	26%
Northeast	\$ 238,644.78	\$ 1,070,748.75	\$ 448,767.19	\$ 1,758,161	26%	31%	26%
Kansas City	\$ 215,523.92	\$ 677,462.42	\$ 257,758.72	\$ 1,150,745	22%	31%	26%
Central	\$ 374,142.06	\$ 1,402,582.62	\$ 315,481.59	\$ 2,092,206	15%	31%	26%
St. Louis	\$ 178,774.60	\$ 782,381.65	\$ 143,683.05	\$ 1,104,839	13%	31%	26%
Southwest	\$ 308,800.41	\$ 1,327,222.22	\$ 487,714.97	\$ 2,123,738	23%	31%	26%
Southeast	\$ 489,268.15	\$ 1,752,533.04	\$ 845,198.66	\$ 3,087,000	27%	31%	26%
Totals -	\$ 2,189,663	\$ 8,614,062	\$ 3,295,872	\$ 14,099,597			



# Missouri Department of Transportation

## Other Pavement Preservation Tools

- One Inch Contract Level Course HMA
- Scratch and Seal
- Contract Chip Seals
- Longitudinal Joint Stabilization
- Restorative Rejuvenating Seal
- Micro Surface
- Full Depth Reclamation
- Cold in Place Recycle
- Hot in Place Recycle



# Missouri Department of Transportation



Saint Jo, Buchanan County,  
Is leagues and leagues away;  
And I sit in the gloom of this rented room,  
And pine to be there to-day.  
Yes, with London fog around me  
And the bustling to and fro,  
I am fretting to be across the sea  
In Lover's Lane, Saint Jo.

I would have a brown-eyed maiden  
Go driving once again;  
And I'd sing the song, as we snailed along,  
That I sung to that maiden then:  
I purposely say, "as we snailed along,"  
For a proper horse goes slow  
In those leafy aisles, where Cupid smiles,  
In Lover's Lane, Saint Jo.

From her boudoir in the alders  
Would peep a lynx-eyed thrush,  
And we'd hear her say, in a furtive way,

To the noisy cricket, "Hush!"  
To think that the curious creature  
Should crane her neck to know  
The various things one says and sings  
In Lover's Lane, Saint Jo.

But the maples they should shield us  
From the gossips of the place;  
Nor should the sun, except by pun,  
Profane the maiden's face;  
And the girl should do the driving,  
For a fellow can't, you know,  
Unless he's neglectful of what's quite respectful  
In Lover's Lane, Saint Jo.

Ah! sweet the hours of springtime,  
When the heart inclines to woo,  
And it's deemed all right for the callow wight  
To do what he wants to do;  
But cruel the age of winter,  
When the way of the world says no

To the hoary men who would woo again  
In Lover's Lane, Saint Jo!

In the Union Bank of London  
Are forty pounds or more,  
Which I'm like to spend, ere the month shall end,  
In an antiquarian store;  
But I'd give it all, and gladly,  
If for an hour or so  
I could feel the grace of a distant place,---  
Of Lover's Lane, Saint Jo.

Let us sit awhile, beloved,  
And dream of the good old days,---  
Of the kindly shade which the maples made  
Round the stanch but squeaky chaise;  
With your head upon my shoulder,  
And my arm about you so,  
Though exiles, we shall seem to be  
In Lover's Lane, Saint Jo.

by Eugene Field (1850-1895)