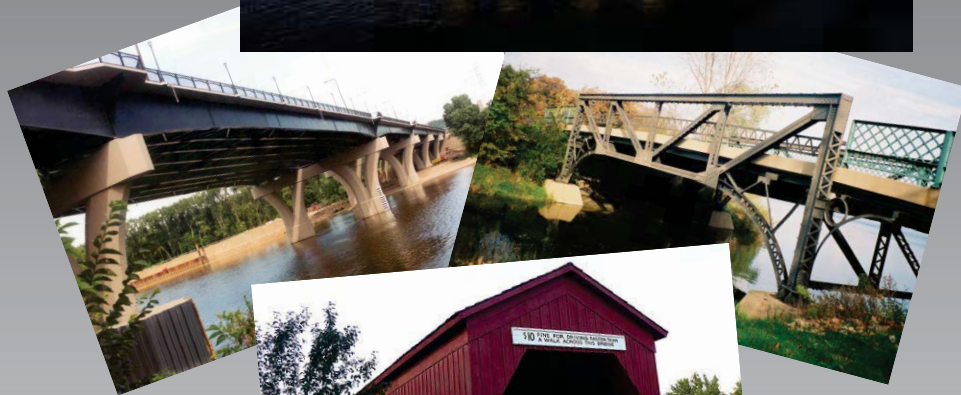
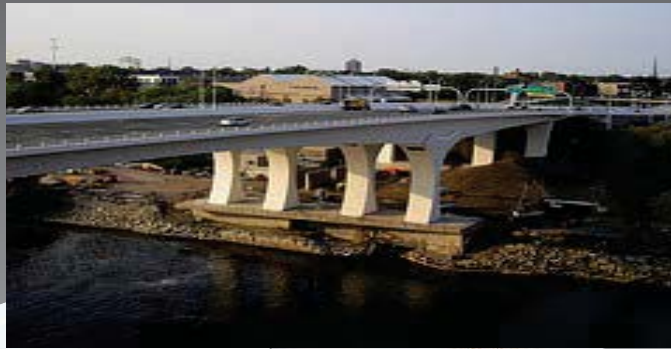


MINNESOTA BRIDGES

December 2018

Current
Statistics



Deficient
Structure
Summaries

Bridge
Replacement
Program

MINNESOTA BRIDGES

December 2018

Data from April 2018 FHWA Submittal

Prepared by:
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Oakdale, MN 55128-3307
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SECTION ONE

GENERAL INFORMATION

In this section, age is based on:

1. YEAR REMODELED, if the structure has been remodeled
or
2. YEAR BUILT, if the structure has not been remodeled.

SUMMARY OF STRUCTURES 10 FT AND OVER 2018

HIGHWAY STRUCTURES ②						
ROUTE SYSTEM	HWY ON BRIDGE	RR	PED	BLDG	① OTHR	HWY TOTAL
TRUNK HIGHWAY	4,595	107	141	4	13	4,860
LOCAL HIGHWAY	15,205	229	286	12	13	15,745
SUBTOTAL	19,800	336	427	16	26	20,605
MISC ROUTES	77	1	4	0	0	82
TOTAL	19,877	337	431	16	26	20,687

① Includes highway tunnels, utility bridges

② Structures under construction (not yet open to traffic) ARE included

DEFICIENT HIGHWAY STRUCTURES										
ROUTE SYSTEM	HWY ON BRIDGE	ALL SUFF RATINGS			SUFF RTG <= 80			SUFF RTG < 50		
		S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL
TRUNK HIGHWAY	4,595	90	187	277	87	97	184	17	2	19
LOCAL HIGHWAY	15,205	920	249	1,169	903	179	1,082	350	55	405
TOTAL ②	19,800	1,010	436	1,446	990	276	1,266	367	57	424

DEFICIENT RAILROAD OVER HWY STRUCTURES		
ROUTE SYSTEM	TOTAL BRIDGES	NUMBER DEF
TRUNK HIGHWAY	107	97
LOCAL HIGHWAY	230	224
TOTAL	337	321

**THE FOLLOWING TOTALS WILL BE USED THROUGHOUT THE REMAINDER OF THIS
REPORT UNLESS OTHERWISE NOTED**

10 FT AND OVER HIGHWAY ON BRIDGE	
ROUTE SYSTEM	TOTAL
TRUNK HIGHWAY	4,595
LOCAL HIGHWAY	15,205
TOTAL	19,800

SUMMARY OF STRUCTURES OVER 20 FT 2018

HIGHWAY STRUCTURES ②						
ROUTE SYSTEM	HWY ON BRIDGE	RR	PED	BLDG	① OTHR	HWY TOTAL
TRUNK HIGHWAY	3,650	106	141	4	13	3,914
LOCAL HIGHWAY	9,565	228	274	10	13	10,090
SUBTOTAL	13,215	334	415	14	26	14,004
MISC ROUTES	62	1	4	0	0	67
TOTAL	13,277	335	419	14	26	14,071

① Includes highway tunnels, utility bridges

② Structures under construction (not yet open to traffic) ARE included

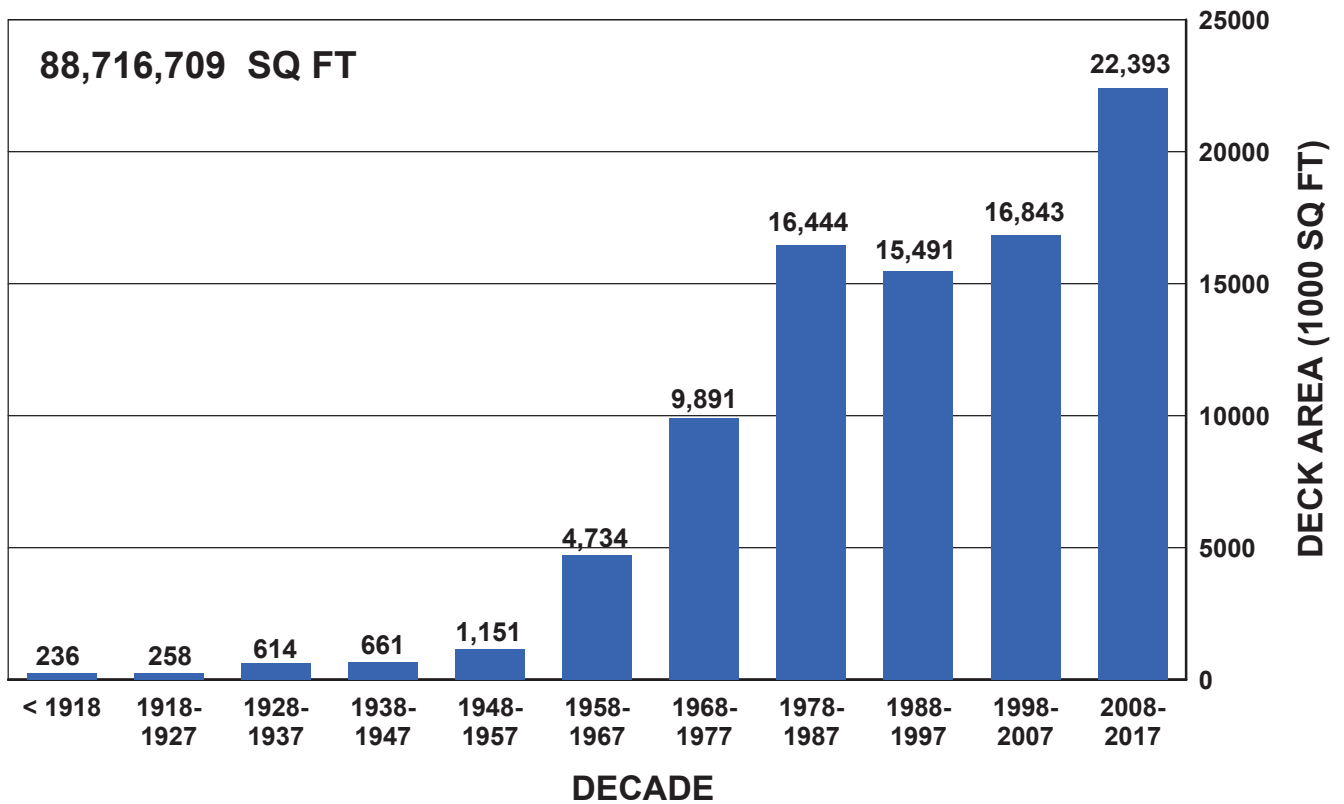
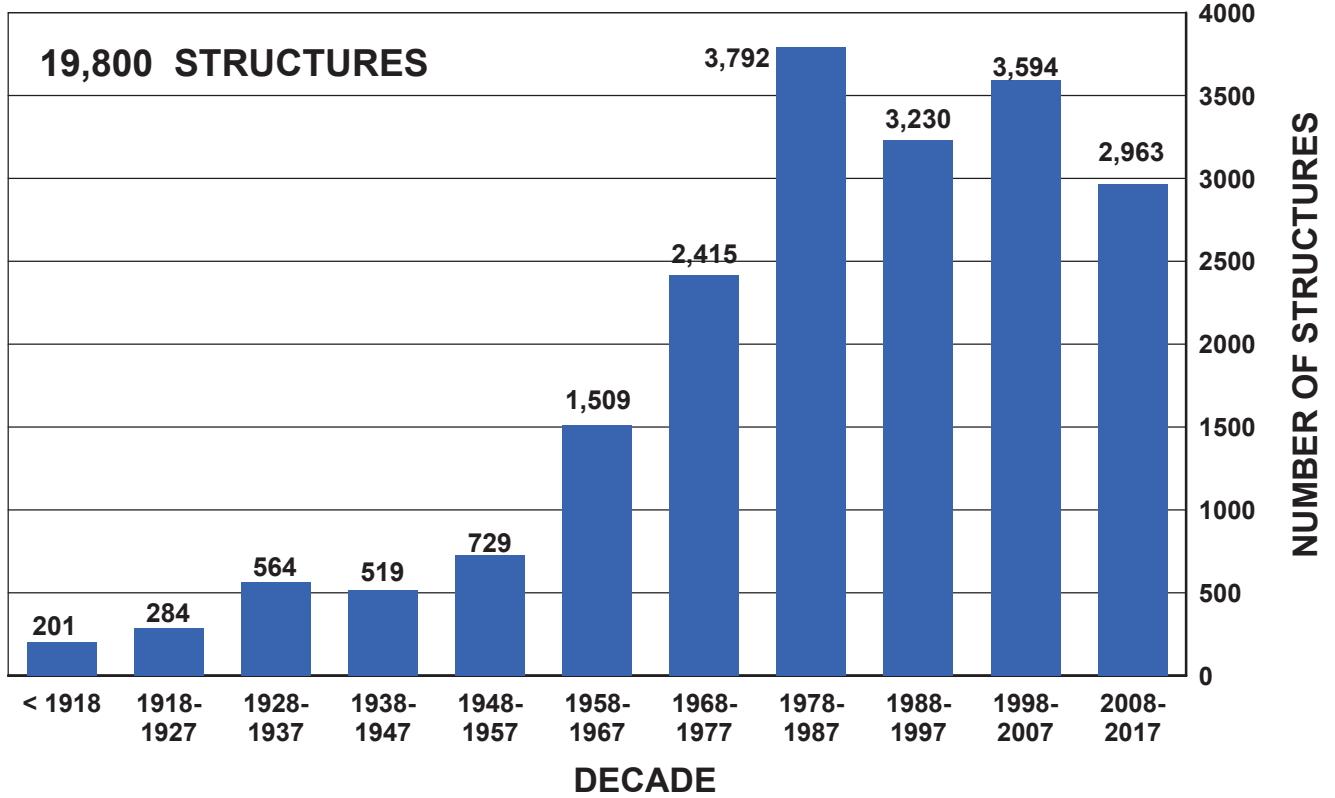
DEFICIENT HIGHWAY STRUCTURES										
ROUTE SYSTEM	HWY ON BRIDGE	ALL SUFF RATINGS			SUFF RTG <= 80			SUFF RTG < 50		
		S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL
TRUNK HIGHWAY	3,650	70	184	254	67	97	164	14	2	16
LOCAL HIGHWAY	9,565	593	187	780	580	133	713	258	39	297
TOTAL ②	13,215	663	371	1,034	647	230	877	272	41	313

DEFICIENT RAILROAD OVER HWY STRUCTURES		
ROUTE SYSTEM	TOTAL BRIDGES	NUMBER DEF
TRUNK HIGHWAY	106	96
LOCAL HIGHWAY	229	223
TOTAL	335	319

**THE FOLLOWING TOTALS WILL BE USED THROUGHOUT THE REMAINDER OF THIS
REPORT UNLESS OTHERWISE NOTED**

OVER 20 FT HIGHWAY ON BRIDGE	
ROUTE SYSTEM	TOTAL
TRUNK HIGHWAY	3,650
LOCAL HIGHWAY	9,565
TOTAL	13,215

AGE PROFILE 10 FT AND OVER 2018



AGE AND CONDITION OF STRUCTURES BY ROUTE SYSTEM 2018

AGE OF STRUCTURES 10 FT AND OVER													
ROUTE SYSTEM	# OF STRUCT	DECK AREA	PRE 1918	1918-1927	1928-1937	1938-1947	1948-1957	1958-1967	1968-1977	1978-1987	1988-1997	1998-2007	2008-2017
INTERSTATE	1,271	22,839,505	0	1	0	0	3	207	233	165	147	143	372
TRUNK HWY	3,324	29,397,451	2	25	227	148	276	195	357	493	526	545	530
COUNTY	7,802	22,130,636	46	98	174	233	294	786	1,125	1,306	1,205	1,380	1,155
TOWNSHIP	6,236	8,412,541	109	115	121	106	133	258	566	1,650	1,145	1,291	742
CITY	1,167	5,936,576	44	45	42	32	23	63	134	178	207	235	164
TOTAL	19,800	88,716,709	201	284	564	519	729	1,509	2,415	3,792	3,230	3,594	2,963

CONDITION OF STRUCTURES 10 FT AND OVER											
ROUTE SYSTEM	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING	
INTERSTATE	1,146	125	1,271	28	6.7	6.8	6.7	6.5	6.4	87.8	
TRUNK HWY	1,705	1,619	3,324	36	6.9	7.1	7.0	6.5	6.6	91.2	
COUNTY	2,940	4,861	7,802	34	6.8	6.8	6.7	7.1	6.7	92.4	
TOWNSHIP	1,575	4,660	6,236	32	6.6	6.6	6.4	7.2	6.9	93.4	
CITY	642	524	1,167	36	6.6	6.6	6.7	7.0	6.5	88.0	
TOTAL	8,008	11,789	19,800	34	6.8	6.8	6.7	7.0	6.7	92.0	

AGE OF STRUCTURES OVER 20 FT													
ROUTE SYSTEM	# OF STRUCT	DECK AREA	PRE 1918	1918-1927	1928-1937	1938-1947	1948-1957	1958-1967	1968-1977	1978-1987	1988-1997	1998-2007	2008-2017
INTERSTATE	1,216	22,621,733	0	1	0	0	2	187	216	160	143	135	372
TRUNK HWY	2,434	28,122,645	1	14	111	60	159	137	275	401	423	429	424
COUNTY	4,925	19,432,608	24	37	77	125	159	537	759	890	742	816	759
TOWNSHIP	3,874	6,964,807	51	47	45	50	51	151	333	1,139	755	810	442
CITY	766	5,471,888	33	33	17	21	9	43	67	141	148	146	108
TOTAL	13,215	82,613,681	109	132	250	256	380	1,055	1,650	2,731	2,211	2,336	2,105

CONDITION OF STRUCTURES OVER 20 FT											
ROUTE SYSTEM	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING	
INTERSTATE	1,145	71	1,216	28	6.7	6.8	6.7	6.4	6.4	88.4	
TRUNK HWY	1,688	746	2,434	33	6.9	7.1	7.0	6.5	6.7	91.6	
COUNTY	2,806	2,119	4,925	33	6.8	6.9	6.7	7.1	6.7	91.7	
TOWNSHIP	1,399	2,475	3,874	31	6.7	6.8	6.6	7.4	6.9	93.8	
CITY	561	204	766	36	6.6	6.7	6.7	7.0	6.4	86.6	
TOTAL	7,599	5,615	13,215	32	6.8	6.9	6.7	7.1	6.7	91.7	

AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM ALL STRUCTURES 10 FT AND OVER 2018

ATP 1	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	39	33	83	32	3	190	918,221	32	91
COOK	0	33	55	2	0	90	163,675	34	82
ITASCA	0	57	107	28	3	195	788,366	34	89
KOOCHICHING	0	47	56	19	1	123	551,542	30	91
LAKE	0	29	63	18	1	111	358,209	36	90
PINE	31	25	110	44	7	217	746,150	33	93
ST LOUIS	83	177	519	64	127	970	6,626,954	35	89
ATP 1 TOTAL	153	401	993	207	142	1,896	10,153,119	34	90

ATP 2	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	0	37	79	41	3	160	553,986	29	96
CLEARWATER	0	12	42	27	1	82	115,226	35	92
HUBBARD	0	10	47	12	1	70	130,448	28	94
KITTSOON	0	37	81	123	0	241	764,768	28	95
LAKE OF THE WOODS	0	17	65	68	0	150	277,875	28	92
MARSHALL	0	47	116	155	7	325	646,415	30	96
NORMAN	0	38	120	82	0	240	670,736	37	95
PENNINGTON	0	12	76	19	7	114	234,789	28	97
POLK	0	55	153	270	9	487	1,319,818	26	96
RED LAKE	0	15	57	33	2	107	266,720	33	96
ROSEAU	0	32	112	105	2	251	422,836	34	94
ATP 2 TOTAL	0	312	948	935	32	2,227	5,403,617	30	95

ATP 3	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	0	56	74	42	2	174	384,097	34	93
BENTON	0	32	80	29	3	144	761,287	37	93
CASS	0	30	57	20	2	109	263,801	37	88
CROW WING	0	27	46	29	12	114	484,011	34	90
ISANTI	0	14	27	9	2	52	226,879	30	93
KANABEC	0	21	60	16	0	97	256,871	34	94
MILLE LACS	0	37	62	49	1	149	485,755	29	94
MORRISON	0	51	116	85	5	257	793,001	30	93
SHERBURNE	0	12	32	8	1	53	440,892	26	89
STEARNS	54	50	121	89	16	330	1,716,101	39	92
TODD	2	27	97	69	4	199	379,948	31	94
WADENA	0	7	54	26	1	88	283,488	25	95
WRIGHT	14	24	43	34	3	118	712,805	32	93
ATP 3 TOTAL	70	388	869	505	52	1,884	7,188,936	33	93

AVERAGE AGE AND CONDITION OF STRUCTURES ALL STRUCTURES 10 FT AND OVER 2018

ATP 4	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	0	21	39	28	6	94	316,808	26	95
BIG STONE	0	11	11	14	1	37	56,463	41	95
CLAY	24	55	187	135	34	435	1,644,524	30	93
DOUGLAS	21	4	34	20	2	81	255,677	33	95
GRANT	4	8	24	25	0	61	114,517	37	91
MAHNOMEN	0	9	29	22	0	60	107,532	38	89
OTTERTAIL	24	34	76	58	10	202	720,124	38	93
POPE	0	9	26	37	1	73	128,292	32	97
STEVENS	0	15	22	29	1	67	138,679	34	98
SWIFT	0	23	47	65	1	136	389,433	29	95
TRAVERSE	0	21	84	58	0	163	256,127	37	97
WILKIN	5	36	127	123	2	293	644,028	30	95
ATP 4 TOTAL	78	246	706	614	58	1,702	4,772,204	32	94

ATP 6	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	0	35	97	136	7	275	583,566	40	91
FILLMORE	0	67	221	236	15	539	1,156,302	40	89
FREEBORN	54	13	99	72	7	245	983,115	37	94
GOODHUE	0	104	205	198	27	534	1,403,908	47	92
HOUSTON	0	58	84	97	0	239	805,440	33	92
MOWER	33	45	125	228	17	448	1,119,545	33	89
OLMSTED	25	118	219	115	58	535	2,630,989	34	94
RICE	25	25	94	52	19	215	808,417	32	92
STEELE	28	19	70	52	14	183	699,010	32	88
WABASHA	0	77	118	80	5	280	852,058	36	93
WINONA	38	79	103	86	26	332	1,720,747	38	88
ATP 6 TOTAL	203	640	1,435	1,352	195	3,825	12,763,097	37	91

AVERAGE AGE AND CONDITION OF STRUCTURES ALL STRUCTURES 10 FT AND OVER 2018

ATP 7	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	0	59	131	57	10	257	1,651,080	36	92
BROWN	0	19	67	76	3	165	624,897	39	92
COTTONWOOD	0	25	94	115	2	236	467,809	41	93
FARIBAULT	24	21	105	146	2	298	875,873	36	90
JACKSON	17	16	101	113	3	250	652,891	35	91
LE SUEUR	0	31	58	18	4	111	342,994	39	94
MARTIN	35	12	74	100	8	229	637,226	43	89
NICOLLET	0	28	47	25	1	101	317,584	29	96
NOBLES	27	28	138	209	8	410	791,222	38	93
ROCK	21	20	144	184	9	378	714,073	29	95
SIBLEY	0	25	67	60	5	157	471,611	24	96
WASECA	0	27	63	32	0	122	334,435	33	90
WATONWAN	0	31	97	89	1	218	618,703	37	96
ATP 7 TOTAL	124	342	1,186	1,224	56	2,932	8,500,398	36	93

ATP 8	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	0	33	52	102	7	194	480,420	34	89
KANDIYOHI	0	33	69	53	6	161	504,261	36	93
LAC QUI PARLE	0	22	85	141	0	248	577,806	30	93
LINCOLN	0	31	89	82	2	204	272,566	40	89
LYON	0	44	144	138	13	339	736,840	34	96
MCLEOD	0	17	55	45	5	122	455,132	27	96
MEEKER	0	21	34	53	4	112	223,464	39	82
MURRAY	0	18	82	108	3	211	342,231	36	95
PIPESTONE	0	30	115	154	3	302	467,284	32	92
REDWOOD	0	36	130	151	6	323	728,168	39	87
RENVILLE	0	16	120	100	1	237	399,823	34	87
YELLOW MEDICINE	0	55	129	140	2	326	716,427	36	94
ATP 8 TOTAL	0	356	1,104	1,267	52	2,779	5,904,422	35	91

METRO	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	21	57	63	2	41	184	1,908,846	26	89
CARVER	0	53	62	29	34	178	1,194,247	28	90
CHISAGO	18	12	37	9	11	87	299,623	34	91
DAKOTA	72	84	78	57	39	330	3,513,402	30	93
HENNEPIN	327	270	162	0	308	1,067	17,033,194	30	87
RAMSEY	153	75	61	0	75	364	6,439,706	24	86
SCOTT	3	57	72	30	38	200	1,034,897	29	93
WASHINGTON	49	31	26	5	34	145	2,607,001	28	91
METRO TOTAL	643	639	561	132	580	2,555	34,030,916	29	89

AVERAGE AGE AND CONDITION OF STRUCTURES ALL STRUCTURES 10 FT AND OVER 2018

	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	1,271	3,324	7,802	6,236	1,167	19,800	88,716,709	34	92

AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM ALL STRUCTURES OVER 20 FT 2018

ATP 1	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	39	23	54	23	2	141	842,820	30	92
COOK	0	14	21	2	0	37	118,250	33	80
ITASCA	0	40	90	22	2	154	752,679	32	90
KOOCHICHING	0	29	42	12	0	83	511,900	31	90
LAKE	0	23	41	10	0	74	318,408	37	88
PINE	30	17	82	32	4	165	710,218	32	92
ST LOUIS	80	139	360	37	57	673	6,327,410	31	89
ATP 1 TOTAL	149	285	690	138	65	1,327	9,581,685	32	90

ATP 2	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	0	26	44	19	2	91	494,722	29	95
CLEARWATER	0	11	22	13	0	46	88,052	35	92
HUBBARD	0	8	29	7	1	45	109,056	28	95
KITTSOON	0	30	49	80	0	159	712,221	29	95
LAKE OF THE WOODS	0	13	18	21	0	52	205,821	30	93
MARSHALL	0	35	77	90	5	207	562,902	31	96
NORMAN	0	23	84	43	0	150	599,386	34	94
PENNINGTON	0	6	32	8	2	48	191,610	28	97
POLK	0	30	78	150	6	264	1,141,872	28	96
RED LAKE	0	10	36	11	2	59	232,225	32	95
ROSEAU	0	22	61	57	2	142	356,185	31	94
ATP 2 TOTAL	0	214	530	499	20	1,263	4,694,052	30	95

ATP 3	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	0	30	44	18	1	93	323,294	33	93
BENTON	0	27	67	23	1	118	731,998	35	93
CASS	0	17	40	16	2	75	229,857	33	89
CROW WING	0	13	27	23	9	72	417,435	31	90
ISANTI	0	11	17	6	2	36	210,638	27	92
KANABEC	0	17	49	14	0	80	240,132	34	94
MILLE LACS	0	34	47	25	1	107	451,364	32	94
MORRISON	0	39	76	44	4	163	725,473	31	93
SHERBURNE	0	12	25	5	1	43	430,353	27	89
STEARNS	52	39	77	51	12	231	1,625,566	35	92
TODD	2	20	58	51	1	132	326,249	31	95
WADENA	0	6	47	21	1	75	275,756	25	95
WRIGHT	14	14	24	17	2	71	658,019	30	93
ATP 3 TOTAL	68	279	598	314	37	1,296	6,646,136	32	93

AVERAGE AGE AND CONDITION OF STRUCTURES ALL STRUCTURES OVER 20 FT 2018

ATP 4	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	0	11	22	16	5	54	275,618	24	94
BIG STONE	0	8	3	3	0	14	41,857	47	95
CLAY	20	36	84	63	17	220	1,465,289	32	91
DOUGLAS	20	1	11	7	0	39	209,023	36	93
GRANT	4	6	10	13	0	33	96,243	37	88
MAHNOMEN	0	5	20	16	0	41	91,910	36	87
OTTERTAIL	23	25	48	41	10	147	665,588	35	92
POPE	0	5	14	26	1	46	101,458	31	96
STEVENS	0	12	15	17	1	45	123,625	37	97
SWIFT	0	18	32	44	1	95	353,674	28	94
TRAVERSE	0	10	65	44	0	119	229,980	34	97
WILKIN	4	30	86	78	1	199	573,324	32	95
ATP 4 TOTAL	71	167	410	368	36	1,052	4,227,589	33	93

ATP 6	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	0	24	63	79	4	170	514,637	38	92
FILLMORE	0	46	155	129	7	337	1,010,818	37	90
FREEBORN	51	9	47	29	6	142	892,898	34	93
GOODHUE	0	71	117	109	24	321	1,221,739	41	92
HOUSTON	0	44	60	67	0	171	737,584	29	93
MOWER	26	34	93	171	16	340	1,030,050	32	89
OLMSTED	23	89	140	66	45	363	2,411,408	31	94
RICE	25	19	49	27	18	138	736,015	32	92
STEELE	27	16	44	34	12	133	650,084	31	89
WABASHA	0	43	60	38	4	145	715,786	33	93
WINONA	36	50	73	61	12	232	1,607,697	35	89
ATP 6 TOTAL	188	445	901	810	148	2,492	11,528,716	34	91

ATP 7	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	0	49	102	37	3	191	1,573,302	36	92
BROWN	0	14	46	46	3	109	573,118	36	92
COTTONWOOD	0	16	59	72	2	149	405,042	39	94
FARIBAULT	22	11	76	109	2	220	808,848	34	90
JACKSON	16	11	68	94	1	190	599,353	33	92
LE SUEUR	0	18	36	10	4	68	296,809	35	94
MARTIN	31	9	48	67	7	162	559,118	44	89
NICOLLET	0	15	20	14	0	49	240,376	28	95
NOBLES	22	18	81	175	5	301	690,975	36	94
ROCK	21	10	92	126	8	257	633,544	26	96
SIBLEY	0	18	42	40	1	101	413,366	24	96
WASECA	0	19	40	25	0	84	291,007	35	89
WATONWAN	0	28	73	63	1	165	578,057	37	95
ATP 7 TOTAL	112	236	783	878	37	2,046	7,662,915	35	93

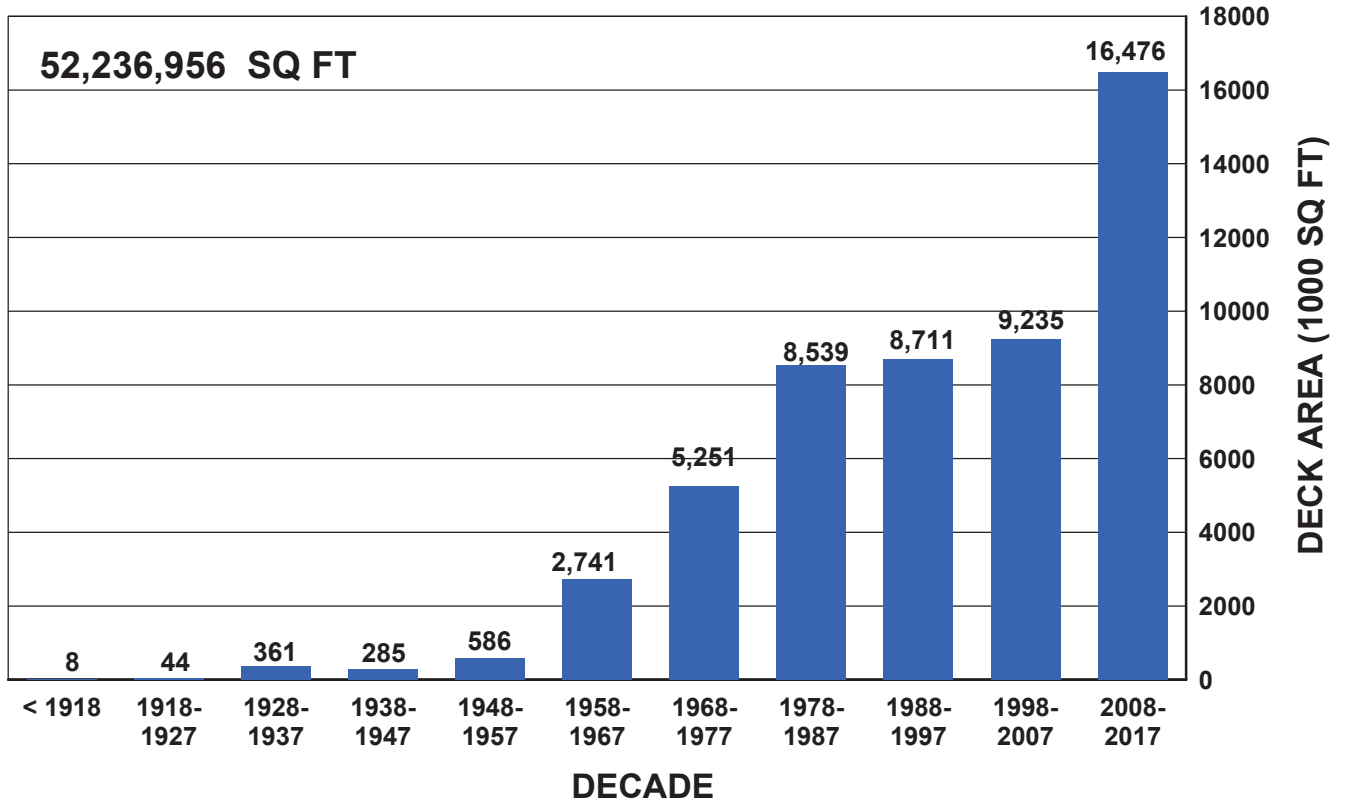
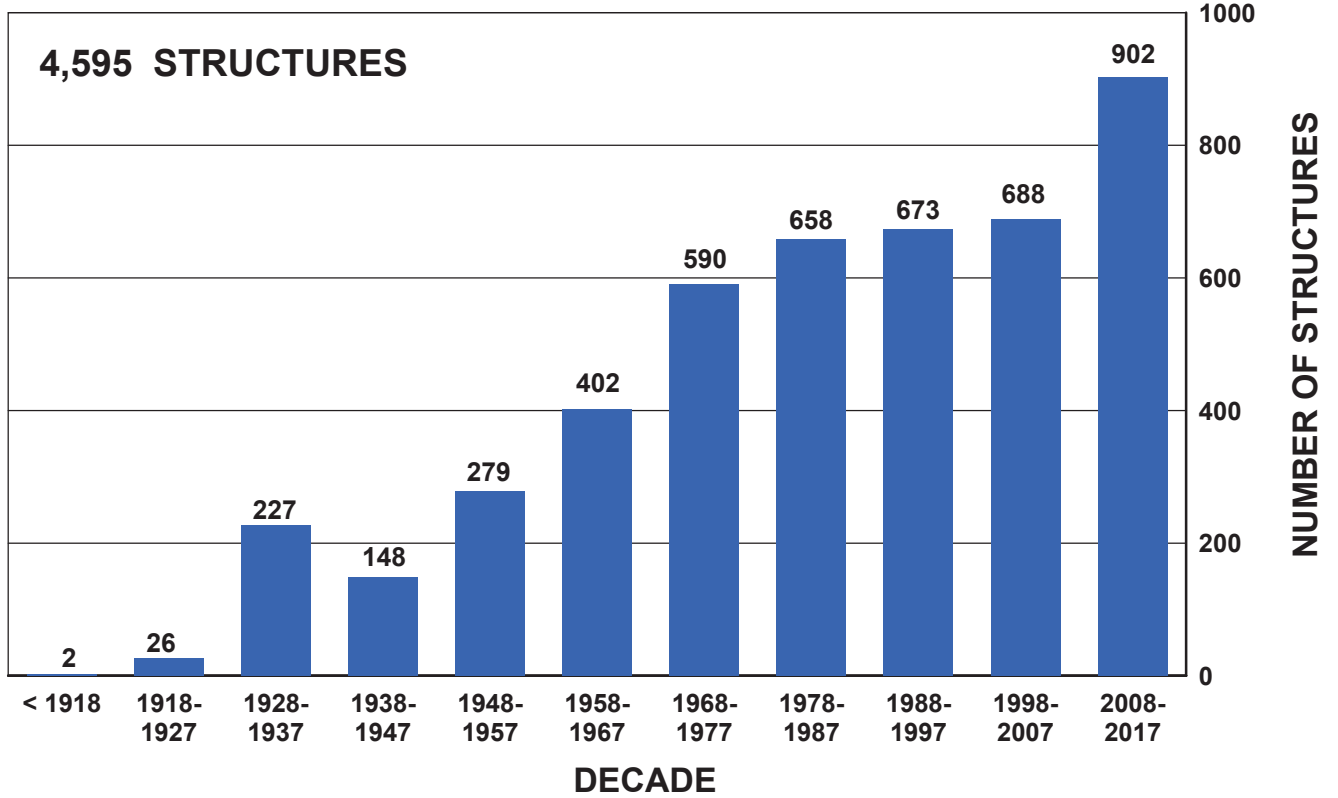
AVERAGE AGE AND CONDITION OF STRUCTURES ALL STRUCTURES OVER 20 FT 2018

ATP 8	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	0	22	26	65	3	116	413,405	34	87
KANDIYOHI	0	23	35	30	3	91	429,988	36	92
LAC QUI PARLE	0	17	61	94	0	172	523,985	31	93
LINCOLN	0	18	41	45	1	105	193,146	40	89
LYON	0	31	99	92	11	233	638,203	34	95
MCLEOD	0	9	35	28	5	77	405,220	29	95
MEEKER	0	13	17	30	2	62	179,698	37	93
MURRAY	0	11	52	65	1	129	286,409	34	95
PIPESTONE	0	19	56	102	2	179	374,146	28	93
REDWOOD	0	20	85	85	5	195	607,122	36	87
RENVILLE	0	15	64	56	1	136	309,344	36	86
YELLOW MEDICINE	0	38	80	100	2	220	622,960	35	94
ATP 8 TOTAL	0	236	651	792	36	1,715	4,983,625	34	92

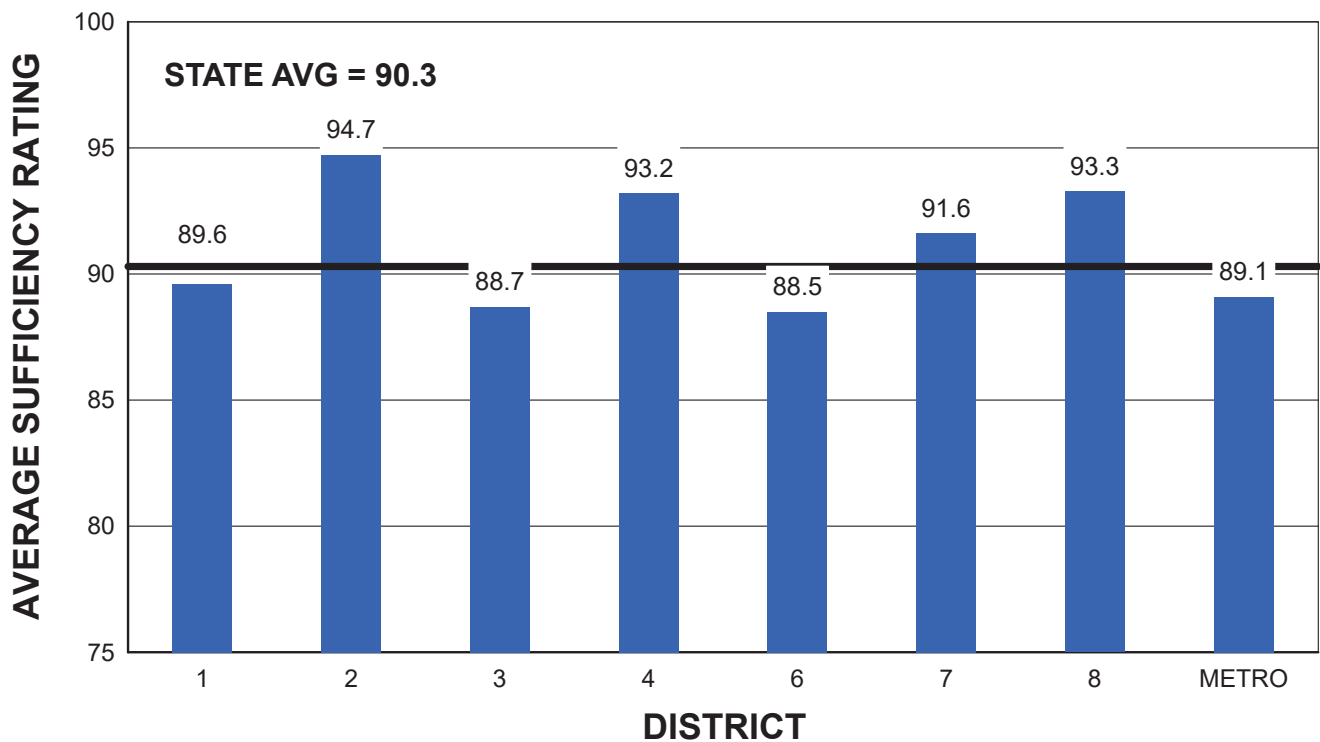
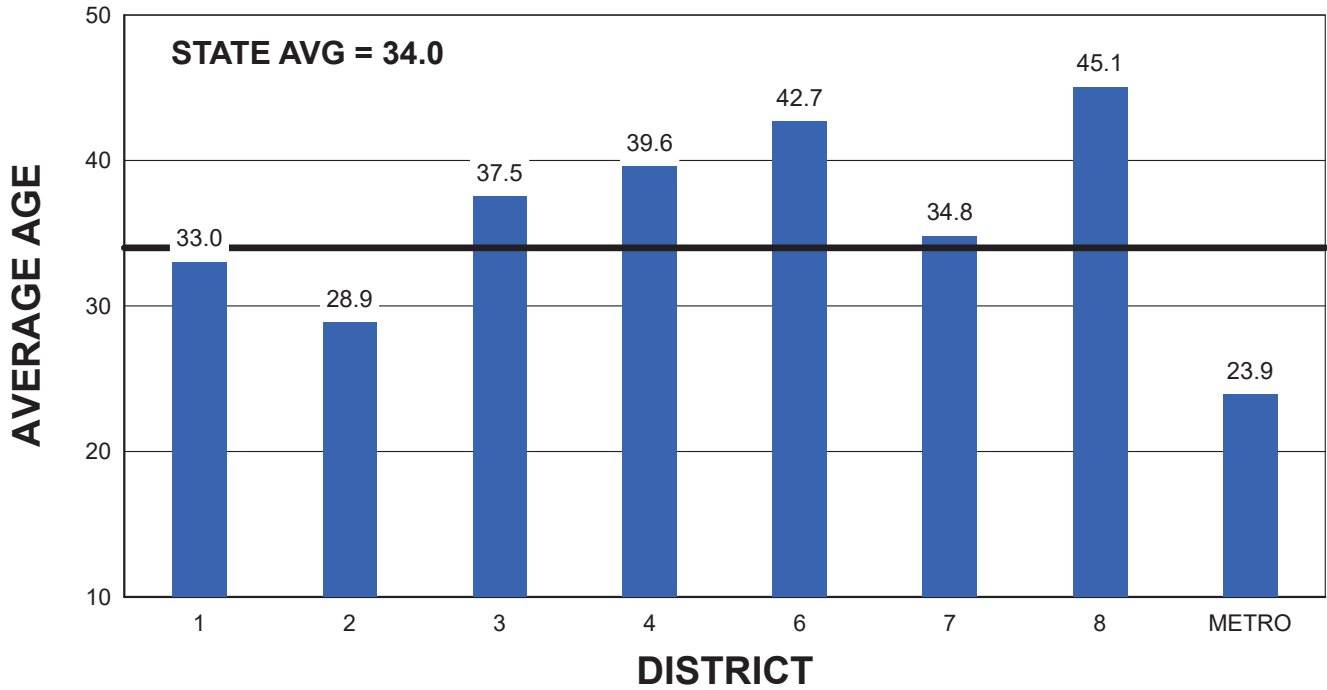
METRO	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	20	53	46	1	23	143	1,844,658	27	89
CARVER	0	43	35	17	20	115	1,126,320	25	90
CHISAGO	10	8	28	8	7	61	263,046	32	92
DAKOTA	72	71	49	31	28	251	3,431,885	26	93
HENNEPIN	322	256	108	0	210	896	16,731,053	28	87
RAMSEY	152	73	50	0	55	330	6,391,058	23	86
SCOTT	3	44	36	13	26	122	934,575	25	92
WASHINGTON	49	24	10	5	18	106	2,566,368	24	90
METRO TOTAL	628	572	362	75	387	2,024	33,288,964	27	89

	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	1,216	2,434	4,925	3,874	766	13,215	82,613,681	32	92

AGE PROFILE TRUNK HIGHWAYS ONLY 10 FT AND OVER 2018



AVERAGE AGE AND SUFFICIENCY RATING BY DISTRICT TRUNK HIGHWAY STRUCTURES 10 FT AND OVER 2018

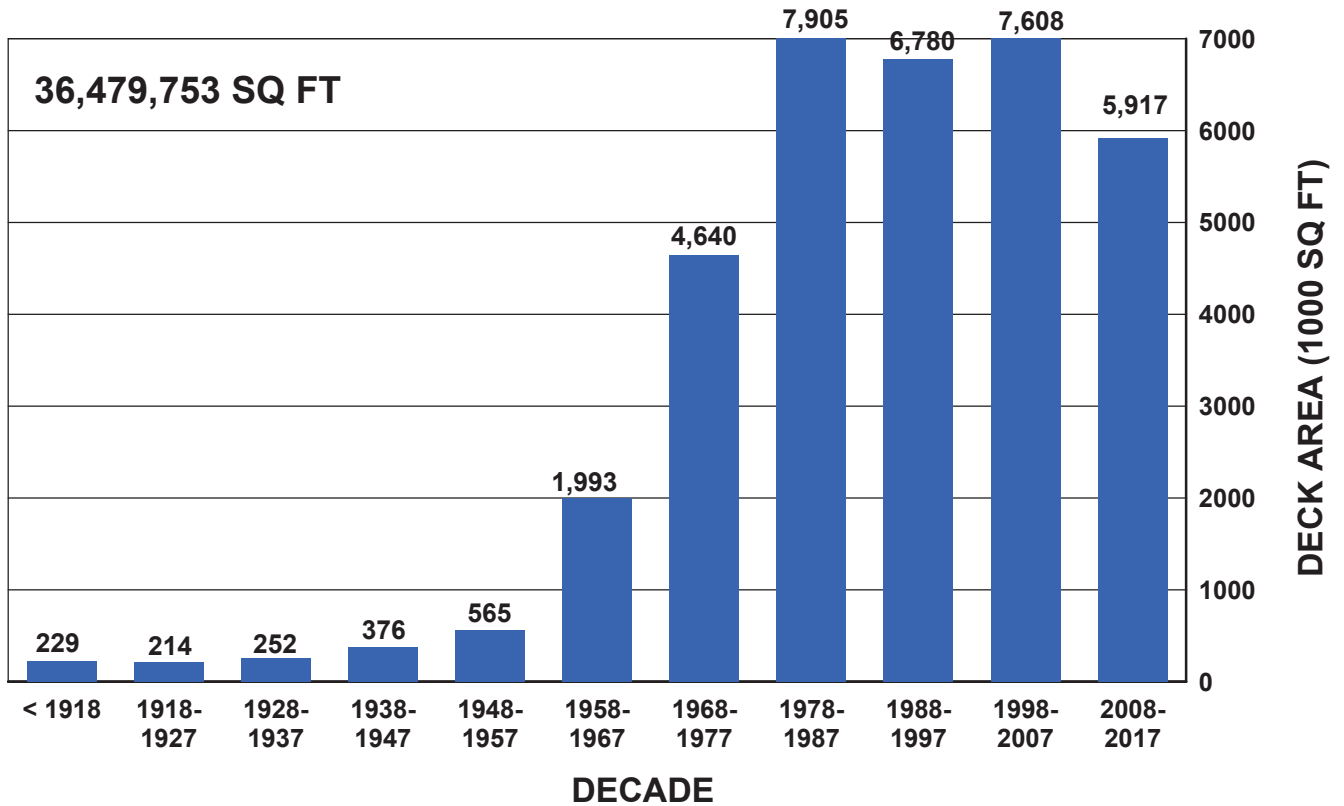
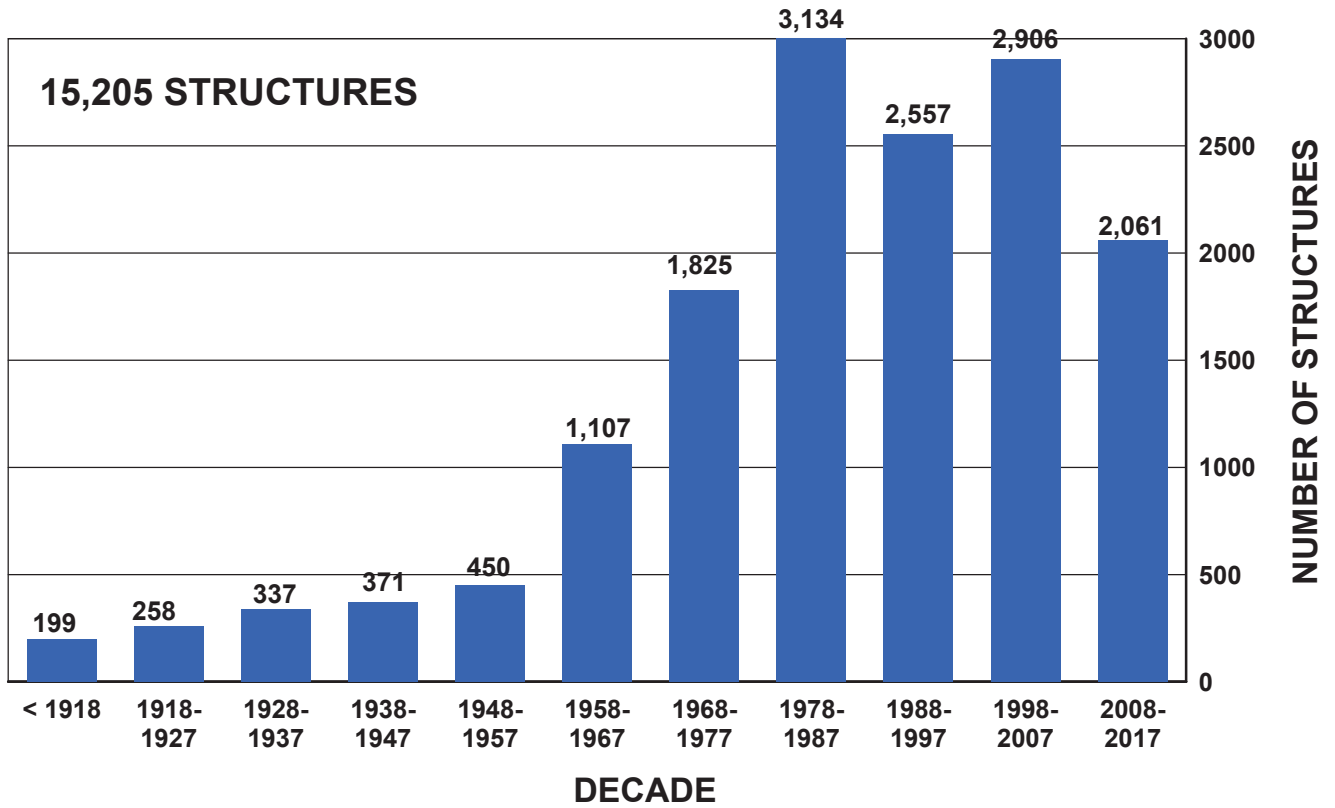


AVERAGE AGE AND CONDITION OF STRUCTURES BY DISTRICT TRUNK HIGHWAYS ONLY 2018

CONDITION OF STRUCTURES 10 FT AND OVER										
DISTRICT	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING
1	360	194	554	33.0	7.0	7.0	7.0	6.8	6.6	89.6
2	111	201	312	28.9	7.3	7.3	7.2	6.9	6.8	94.7
3	261	197	458	37.5	7.0	7.2	7.1	6.6	6.8	88.7
4	147	177	324	39.6	7.0	7.0	6.8	6.7	6.6	93.2
6	441	402	843	42.7	6.8	6.9	6.8	6.0	6.3	88.5
7	245	221	466	34.8	6.7	6.9	6.9	6.6	6.5	91.6
8	141	215	356	45.1	6.7	6.9	6.8	6.3	6.4	93.3
METRO	1,145	137	1,282	23.9	6.8	6.9	6.7	6.8	6.6	89.1
TOTAL	2,851	1,744	4,595	34.0	6.9	7.0	6.8	6.5	6.5	90.3

CONDITION OF STRUCTURES OVER 20 FT										
DISTRICT	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING
1	357	77	434	31.2	7.0	7.0	7.0	6.6	6.6	89.8
2	111	103	214	27.6	7.3	7.3	7.2	6.8	6.8	94.7
3	258	89	347	32.6	7.0	7.2	7.1	6.6	6.9	89.7
4	147	91	238	37.4	7.0	7.0	6.8	6.7	6.6	93.0
6	430	203	633	38.0	6.8	6.9	6.8	6.1	6.4	89.7
7	245	103	348	34.0	6.7	6.9	6.9	6.5	6.5	92.3
8	141	95	236	43.0	6.7	6.9	6.8	6.2	6.4	92.6
METRO	1,144	56	1,200	22.9	6.8	6.9	6.7	6.5	6.5	89.2
TOTAL	2,833	817	3,650	31.0	6.9	7.0	6.9	6.4	6.6	90.5

AGE PROFILE LOCAL HIGHWAYS ONLY 10 FT AND OVER 2018



AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM LOCAL STRUCTURES ONLY 10 FT AND OVER 2018

ATP 1	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	83	32	3	118	265,515	31	91.8
COOK	55	2	0	57	81,304	29	81.1
ITASCA	107	28	3	138	415,760	33	87.3
KOOCHICHING	56	19	1	76	204,422	30	90.9
LAKE	63	18	1	82	166,665	36	90.3
PINE	110	44	7	161	382,982	31	94.4
ST LOUIS	519	64	127	710	1,536,290	37	89.2
ATP 1 TOTAL	993	207	142	1,342	3,052,938	34	89.7

ATP 2	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	79	41	3	123	239,372	31	96.4
CLEARWATER	42	27	1	70	76,671	37	92.3
HUBBARD	47	12	1	60	102,924	26	94.3
KITTSOON	81	123	0	204	299,213	29	95.2
LAKE OF THE WOODS	65	68	0	133	154,046	29	92.0
MARSHALL	116	155	7	278	474,041	30	96.9
NORMAN	120	82	0	202	492,865	39	94.8
PENNINGTON	76	19	7	102	185,699	29	97.3
POLK	153	270	9	432	951,980	25	96.9
RED LAKE	57	33	2	92	203,447	31	95.7
ROSEAU	112	105	2	219	310,669	35	94.0
ATP 2 TOTAL	948	935	32	1,915	3,490,929	30	95.5

ATP 3	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	74	42	2	118	219,699	27	93.8
BENTON	80	29	3	112	420,337	38	94.6
CASS	57	20	2	79	170,590	34	89.8
CROW WING	46	29	12	87	245,586	33	91.1
ISANTI	27	9	2	38	124,675	33	91.3
KANABEC	60	16	0	76	178,175	32	95.2
MILLE LACS	62	49	1	112	236,072	28	95.7
MORRISON	116	85	5	206	355,206	29	94.4
SHERBURNE	32	8	1	41	154,349	28	89.9
STEARNS	121	89	16	226	694,089	39	94.6
TODD	97	69	4	170	280,982	28	95.0
WADENA	54	26	1	81	247,722	25	95.8
WRIGHT	43	34	3	80	237,138	34	92.5
ATP 3 TOTAL	869	505	52	1,426	3,564,622	32	93.9

AVERAGE AGE AND CONDITION OF STRUCTURES LOCAL STRUCTURES 10 FT AND OVER 2018

ATP 4	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	39	28	6	73	219,588	23	95.2
BIG STONE	11	14	1	26	30,282	32	94.0
CLAY	187	135	34	356	959,526	30	93.4
DOUGLAS	34	20	2	56	84,852	29	97.9
GRANT	24	25	0	49	52,561	36	91.8
MAHNOMEN	29	22	0	51	74,843	39	87.9
OTTERTAIL	76	58	10	144	348,366	37	93.0
POPE	26	37	1	64	108,922	29	97.1
STEVENS	22	29	1	52	80,494	32	98.4
SWIFT	47	65	1	113	264,061	28	94.4
TRAVERSE	84	58	0	142	214,043	33	97.1
WILKIN	127	123	2	252	414,070	29	95.4
ATP 4 TOTAL	706	614	58	1,378	2,851,607	31	94.6

ATP 6	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	97	136	7	240	387,084	39	91.2
FILLMORE	221	236	15	472	862,826	41	88.4
FREEBORN	99	72	7	178	297,412	36	96.0
GOODHUE	205	198	27	430	803,765	47	92.5
HOUSTON	84	97	0	181	385,365	31	92.1
MOWER	125	228	17	370	714,606	30	88.9
OLMSTED	219	115	58	392	1,430,614	32	95.3
RICE	94	52	19	165	392,037	29	93.0
STEELE	70	52	14	136	316,206	32	88.4
WABASHA	118	80	5	203	432,773	32	94.8
WINONA	103	86	26	215	478,067	33	89.6
ATP 6 TOTAL	1,435	1,352	195	2,982	6,500,754	36	91.6

ATP 7	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	131	57	10	198	767,945	37	92.7
BROWN	67	76	3	146	461,972	39	92.3
COTTONWOOD	94	115	2	211	352,355	41	92.9
FARIBAULT	105	146	2	253	511,432	36	89.2
JACKSON	101	113	3	217	379,033	35	91.0
LE SUEUR	58	18	4	80	159,115	37	95.2
MARTIN	74	100	8	182	319,750	44	89.0
NICOLLET	47	25	1	73	142,057	30	98.1
NOBLES	138	209	8	355	481,922	38	93.5
ROCK	144	184	9	337	508,909	28	95.3
SIBLEY	67	60	5	132	246,524	23	96.1
WASECA	63	32	0	95	179,371	37	89.0
WATONWAN	97	89	1	187	342,676	37	95.6
ATP 7 TOTAL	1,186	1,224	56	2,466	4,853,061	36	92.9

AVERAGE AGE AND CONDITION OF STRUCTURES LOCAL STRUCTURES 10 FT AND OVER 2018

ATP 8	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	52	102	7	161	273,350	32	87.7
KANDIYOHI	69	53	6	128	231,969	36	92.4
LAC QUI PARLE	85	141	0	226	469,595	29	93.2
LINCOLN	89	82	2	173	208,919	37	88.5
LYON	144	138	13	295	546,323	34	96.7
MCLEOD	55	45	5	105	357,380	27	96.0
MEEKER	34	53	4	91	156,422	38	79.2
MURRAY	82	108	3	193	306,417	35	95.0
PIPESTONE	115	154	3	272	386,266	30	92.2
REDWOOD	130	151	6	287	574,906	39	85.8
RENVILLE	120	100	1	221	341,511	34	86.6
YELLOW MEDICINE	129	140	2	271	503,310	32	95.0
ATP 8 TOTAL	1,104	1,267	52	2,423	4,356,369	33	91.2

METRO	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	63	2	41	106	699,559	25	91.3
CARVER	62	29	34	125	624,239	32	88.5
CHISAGO	37	9	11	57	94,107	31	93.7
DAKOTA	78	57	39	174	502,122	31	94.9
HENNEPIN	162	0	308	470	3,310,573	38	85.1
RAMSEY	61	0	75	136	1,860,123	32	84.1
SCOTT	72	30	38	140	470,697	30	94.3
WASHINGTON	26	5	34	65	248,053	32	91.6
METRO TOTAL	561	132	580	1,273	7,809,473	33	88.9

	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	7,802	6,236	1,167	15,205	36,479,753	34	92.3

AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM LOCAL STRUCTURES ONLY OVER 20 FT 2018

ATP 1	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	54	23	2	79	232,950	29	92.6
COOK	21	2	0	23	53,269	30	79.4
ITASCA	90	22	2	114	400,798	30	89.4
KOOCHICHING	42	12	0	54	188,790	31	90.2
LAKE	41	10	0	51	135,747	37	88.8
PINE	82	32	4	118	354,642	30	94.4
ST LOUIS	360	37	57	454	1,315,563	33	89.0
ATP 1 TOTAL	690	138	65	893	2,681,758	32	89.9

ATP 2	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	44	19	2	65	195,467	33	94.9
CLEARWATER	22	13	0	35	51,620	38	91.3
HUBBARD	29	7	1	37	85,178	25	94.8
KITTSOON	49	80	0	129	255,107	31	94.9
LAKE OF THE WOODS	18	21	0	39	87,013	31	92.9
MARSHALL	77	90	5	172	402,240	30	96.0
NORMAN	84	43	0	127	441,602	36	93.9
PENNINGTON	32	8	2	42	149,038	29	96.9
POLK	78	150	6	234	805,949	28	96.5
RED LAKE	36	11	2	49	173,046	32	95.2
ROSEAU	61	57	2	120	252,784	31	92.8
ATP 2 TOTAL	530	499	20	1,049	2,899,044	31	95.0

ATP 3	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	44	18	1	63	180,287	30	93.1
BENTON	67	23	1	91	403,513	37	94.3
CASS	40	16	2	58	151,056	31	90.6
CROW WING	27	23	9	59	222,439	31	91.2
ISANTI	17	6	2	25	111,636	31	89.5
KANABEC	49	14	0	63	167,244	32	95.0
MILLE LACS	47	25	1	73	207,302	32	95.4
MORRISON	76	44	4	124	302,922	31	93.8
SHERBURNE	25	5	1	31	143,810	29	89.5
STEARNS	77	51	12	140	622,530	35	94.8
TODD	58	51	1	110	234,889	27	95.7
WADENA	47	21	1	69	241,066	25	96.4
WRIGHT	24	17	2	43	202,019	34	91.1
ATP 3 TOTAL	598	314	37	949	3,190,714	31	93.8

AVERAGE AGE AND CONDITION OF STRUCTURES LOCAL STRUCTURES OVER 20 FT 2018

ATP 4	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	22	16	5	43	196,508	22	94.1
BIG STONE	3	3	0	6	17,829	35	94.2
CLAY	84	63	17	164	811,944	34	91.0
DOUGLAS	11	7	0	18	43,900	30	97.5
GRANT	10	13	0	23	36,044	38	87.4
MAHNOMEN	20	16	0	36	62,967	38	86.0
OTTERTAIL	48	41	10	99	310,216	33	92.5
POPE	14	26	1	41	86,805	28	96.2
STEVENS	15	17	1	33	68,222	36	97.6
SWIFT	32	44	1	77	233,907	27	93.5
TRAVERSE	65	44	0	109	195,095	32	96.6
WILKIN	86	78	1	165	352,291	31	94.6
ATP 4 TOTAL	410	368	36	814	2,415,730	32	93.5

ATP 6	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	63	79	4	146	326,368	37	92.2
FILLMORE	155	129	7	291	746,580	37	89.3
FREEBORN	47	29	6	82	224,729	31	95.7
GOODHUE	117	109	24	250	666,636	42	92.9
HOUSTON	60	67	0	127	335,404	27	93.6
MOWER	93	171	16	280	657,080	30	88.7
OLMSTED	140	66	45	251	1,272,197	30	94.8
RICE	49	27	18	94	329,032	26	93.5
STEELE	44	34	12	90	274,473	32	88.5
WABASHA	60	38	4	102	337,644	33	93.9
WINONA	73	61	12	146	419,918	31	90.1
ATP 6 TOTAL	901	810	148	1,859	5,590,063	33	91.7

ATP 7	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	102	37	3	142	716,206	38	92.2
BROWN	46	46	3	95	416,722	36	92.8
COTTONWOOD	59	72	2	133	297,813	39	93.9
FARIBAULT	76	109	2	187	462,128	34	90.1
JACKSON	68	94	1	163	336,233	34	91.7
LE SUEUR	36	10	4	50	127,082	37	94.7
MARTIN	48	67	7	122	259,404	46	87.4
NICOLLET	20	14	0	34	95,713	28	97.8
NOBLES	81	175	5	261	415,017	36	94.7
ROCK	92	126	8	226	441,804	25	96.5
SIBLEY	42	40	1	83	199,850	23	95.7
WASECA	40	25	0	65	152,418	38	88.3
WATONWAN	73	63	1	137	304,349	38	95.2
ATP 7 TOTAL	783	878	37	1,698	4,224,739	35	93.2

AVERAGE AGE AND CONDITION OF STRUCTURES LOCAL STRUCTURES OVER 20 FT 2018

ATP 8	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	26	65	3	94	219,322	33	86.3
KANDIYOHI	35	30	3	68	172,184	39	91.1
LAC QUI PARLE	61	94	0	155	421,007	30	92.3
LINCOLN	41	45	1	87	144,362	35	87.7
LYON	99	92	11	202	472,432	33	96.2
MCLEOD	35	28	5	68	323,465	29	95.5
MEEKER	17	30	2	49	123,816	35	94.1
MURRAY	52	65	1	118	256,067	33	95.1
PIPESTONE	56	102	2	160	308,328	25	93.0
REDWOOD	85	85	5	175	473,993	35	86.6
RENVILLE	64	56	1	121	252,166	35	84.6
YELLOW MEDICINE	80	100	2	182	435,278	32	94.8
ATP 8 TOTAL	651	792	36	1,479	3,602,422	32	91.6

METRO	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	46	1	23	70	647,404	28	90.9
CARVER	35	17	20	72	569,621	29	88.9
CHISAGO	28	8	7	43	81,114	31	93.4
DAKOTA	49	31	28	108	429,594	27	94.4
HENNEPIN	108	0	210	318	3,104,255	39	83.5
RAMSEY	50	0	55	105	1,816,516	31	82.7
SCOTT	36	13	26	75	400,291	24	94.2
WASHINGTON	10	5	18	33	216,037	27	90.0
METRO TOTAL	362	75	387	824	7,264,833	32	87.7

	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	4,925	3,874	766	9,565	31,869,303	33	92.2

**SECTION
TWO**

**DEFICIENT
STRUCTURES
10 FT AND OVER**

CRITERIA FOR DEFICIENT STRUCTURES

Summaries of deficient structures are based on those classified as either **Structurally Deficient (SD)** or **Functionally Obsolete (FO)** and having a **Sufficiency Rating** of less than or equal to 80.0, or a deficient Railroad over Highway Structure

CRITERIA FOR DEFICIENT STRUCTURES

STRUCTURALLY DEFICIENT

1. CONDITION CODE of **4** or less for:

DECK CONDITION or
SUPERSTRUCTURE or
SUBSTRUCTURE or
CULVERT

OR

2. APPRAISAL RATING of **2** or less for:

STRUCTURE EVALUATION or
WATERWAY ADEQUACY

FUNCTIONALLY OBSOLETE

1. APPRAISAL RATING of **3** or less for:

DECK GEOMETRY or
UNDERCLEARANCE or
APPROACH ROADWAY

OR

2. APPRAISAL RATING of **3** for:

STRUCTURE EVALUATION or
WATERWAY ADEQUACY

NOTE: Any structure classified as Structurally Deficient (SD) is excluded from the Functionally Obsolete (FO) category.

INDIVIDUAL DEFICIENCIES

Approach Roadway: Appraisal Rating of **3** or less for **Approach Roadway**

Clearance: Appraisal Rating of **3** or less for **Underclearance**

Condition: Appraisal Rating of **4** or less for: **Deck, Superstructure, Substructure, or Culvert**
OR

Appraisal Rating of **3** or less for: **Structure Evaluation**

Waterway: Appraisal Rating of **3** or less for **Waterway Adequacy**

Width: Appraisal Rating of **3** or less for **Deck Geometry**

Load: Bridge is Posted for **Single Vehicle, Semi, or Double-Trailer Trucks**
AND

Bridge **has one or more of the above individual deficiencies**

**DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES 10 FT AND OVER
ALL SUFFICIENCY RATINGS
2018**

DEFICIENCIES								
ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	43	36	81	0	0	36	112
TRUNK HWY	4	35	56	46	9	3	54	75
COUNTY	196	48	495	14	8	19	481	63
TOWNSHIP	224	80	390	5	30	50	365	85
CITY	63	99	83	15	0	11	74	101
TOTAL	487	305	1,060	161	47	83	1,010	436

RAILROAD DEFICIENCIES			
ROUTE SYSTEM	TOTAL # OF RR BR's	NUMBER DEFICIENT	EST IMPR COST
INTERSTATE	38	36	\$38,684,000
TRUNK HWY	69	61	\$64,691,000
COUNTY	76	74	\$118,179,000
TOWNSHIP	27	27	\$34,480,000
CITY	127	123	\$251,012,000
TOTAL	337	321	\$507,046,000

**DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING \leq 80
2018**

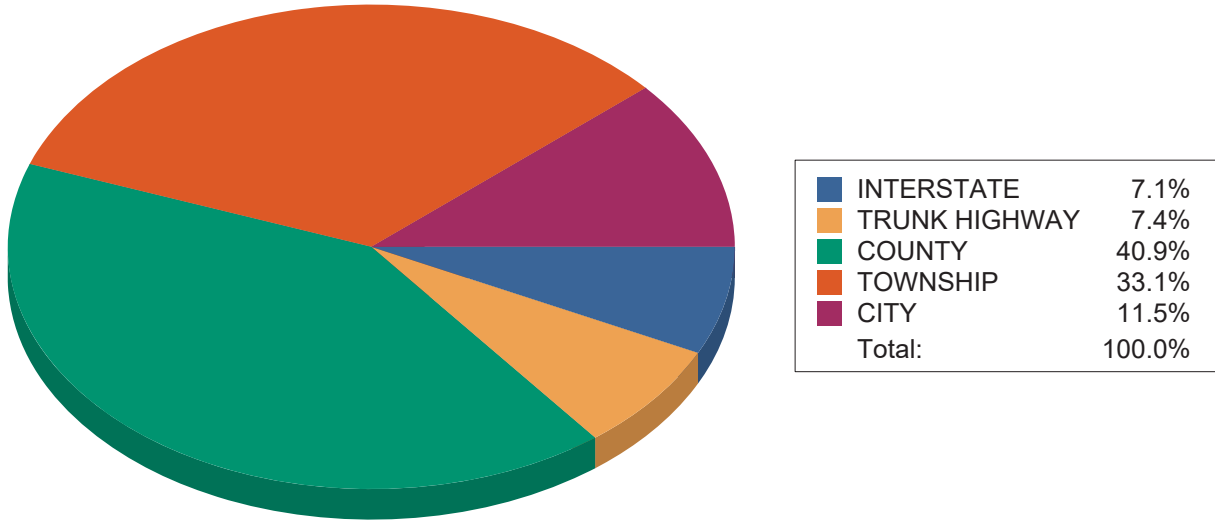
DEFICIENCIES								
ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	35	34	32	0	0	34	56
TRUNK HWY	4	33	54	21	3	3	53	41
COUNTY	196	44	487	9	3	15	472	46
TOWNSHIP	221	71	385	3	19	43	358	61
CITY	63	77	82	9	0	10	73	72
TOTAL	484	260	1,042	74	25	71	990	276

**DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING < 50
2018**

DEFICIENCIES								
ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	0	4	1	0	0	4	0
TRUNK HWY	3	4	14	5	2	2	13	2
COUNTY	123	24	160	3	1	5	150	15
TOWNSHIP	155	49	174	0	11	23	153	26
CITY	49	23	56	3	0	5	47	14
TOTAL	330	100	408	12	14	35	367	57

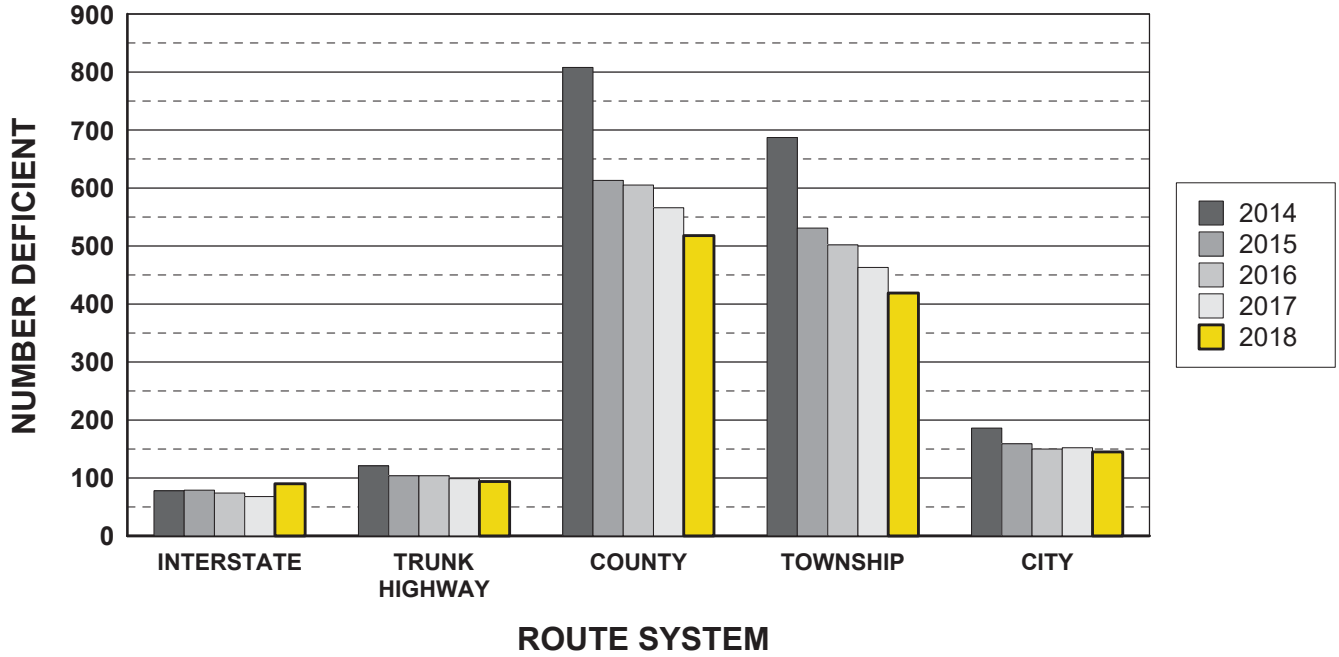
**ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING \leq 80
2018**

**PERCENTAGE OF DEFICIENT STRUCTURES
1,266 DEFICIENT STRUCTURES**



ALL STRUCTURES 10 FT AND OVER SUFFICIENCY RATING \leq 80 2018

DEFICIENT STRUCTURE HISTORY



**NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING \leq 80
STRUCTURES 10 FT AND OVER
2018**

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
01-AITKIN	1	2	2	0	5
02-ANOKA	6	4	0	1	11
03-BECKER	0	2	1	0	3
04-BELTRAMI	1	1	0	1	3
05-BENTON	0	2	3	0	5
06-BIG STONE	0	0	1	0	1
07-BLUE EARTH	1	14	1	0	16
08-BROWN	1	2	4	0	7
09-CARLTON	6	8	1	0	15
10-CARVER	0	8	6	7	21
11-CASS	1	5	0	1	7
12-CHIPPEWA	1	7	13	2	23
13-CHISAGO	3	2	1	2	8
14-CLAY	0	11	8	1	20
15-CLEARWATER	0	0	0	0	0
16-COOK	1	15	0	0	16
17-COTTONWOOD	0	3	6	0	9
18-CROW WING	1	3	2	1	7
19-DAKOTA	6	1	1	0	8
20-DODGE	0	9	9	0	18
21-DOUGLAS	0	0	0	0	0
22-FARIBAUT	0	12	18	0	30
23-FILLMORE	1	26	29	1	57
24-FREEBORN	0	3	1	0	4
25-GOODHUE	2	2	16	5	25

**NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING \leq 80
STRUCTURES 10 FT AND OVER
2018**

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
26-GRANT	0	4	2	0	6
27-HENNEPIN	53	22	0	56	131
28-HOUSTON	0	2	13	0	15
29-HUBBARD	0	3	1	0	4
30-ISANTI	0	3	2	0	5
31-ITASCA	2	13	6	2	23
32-JACKSON	0	8	7	0	15
33-KANABEC	0	0	0	0	0
34-KANDIYOHI	0	4	4	0	8
35-KITTSOON	0	2	3	0	5
36-KOOCHICHING	1	5	0	0	6
37-LAC QUI PARLE	0	5	9	0	14
38-LAKE	3	4	0	0	7
39-LAKE OF THE WOODS	1	2	4	0	7
40-LE SUEUR	1	2	0	0	3
41-LINCOLN	0	16	22	0	38
42-LYON	1	5	4	1	11
43-MCLEOD	0	1	1	1	3
44-MAHNOMEN	0	4	3	0	7
45-MARSHALL	1	4	2	0	7
46-MARTIN	0	4	11	2	17
47-MEEKER	0	1	1	1	3
48-MILLE LACS	0	2	0	1	3
49-MORRISON	0	11	4	0	15
50-MOWER	6	20	35	4	65

**NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING \leq 80
STRUCTURES 10 FT AND OVER
2018**

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
51-MURRAY	0	6	7	0	13
52-NICOLLET	1	1	0	0	2
53-NOBLES	1	1	3	2	7
54-NORMAN	0	5	3	0	8
55-OLMSTED	5	6	0	4	15
56-OTTER TAIL	3	6	1	1	11
57-PENNINGTON	0	1	0	0	1
58-PINE	0	5	1	0	6
59-PIPESTONE	1	14	20	0	35
60-POLK	2	5	7	0	14
61-POPE	0	0	1	0	1
62-RAMSEY	30	10	0	11	51
63-RED LAKE	0	0	2	0	2
64-REDWOOD	1	23	34	4	62
65-RENVILLE	0	34	15	0	49
66-RICE	0	1	0	3	4
67-ROCK	0	8	5	3	16
68-ROSEAU	0	3	6	0	9
69-ST LOUIS	16	46	10	11	83
70-SCOTT	4	2	0	2	8
71-SHERBURNE	2	3	1	0	6
72-SIBLEY	1	4	2	0	7
73-STEARNS	0	3	1	1	5
74-STEELE	2	5	6	2	15
75-STEVENS	0	0	1	0	1

**NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING \leq 80
STRUCTURES 10 FT AND OVER
2018**

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
76-SWIFT	0	1	2	0	3
77-TODD	1	3	2	1	7
78-TRAVERSE	0	2	2	0	4
79-WABASHA	1	5	3	0	9
80-WADENA	0	1	1	0	2
81-WASECA	0	5	1	0	6
82-WASHINGTON	3	0	0	4	7
83-WATONWAN	0	2	3	0	5
84-WILKIN	0	7	8	0	15
85-WINONA	7	10	5	6	28
86-WRIGHT	0	0	3	0	3
87-YELLOW MEDICINE	2	1	6	0	9
TOTAL	184	518	419	145	1266

SECTION THREE

DEFICIENT STRUCTURES OVER 20 FT

CRITERIA FOR DEFICIENT STRUCTURES

Summaries of deficient structures are based on those classified as either **Structurally Deficient (SD)** or **Functionally Obsolete (FO)** and having a **Sufficiency Rating** of less than or equal to 80.0, or a deficient Railroad over Highway Structure

CRITERIA FOR DEFICIENT STRUCTURES

STRUCTURALLY DEFICIENT

1. CONDITION CODE of **4** or less for:

DECK CONDITION or
SUPERSTRUCTURE or
SUBSTRUCTURE or
CULVERT

OR

2. APPRAISAL RATING of **2** or less for:

STRUCTURE EVALUATION or
WATERWAY ADEQUACY

FUNCTIONALLY OBSOLETE

1. APPRAISAL RATING of **3** or less for:

DECK GEOMETRY or
UNDERCLEARANCE or
APPROACH ROADWAY

OR

2. APPRAISAL RATING of **3** for:

STRUCTURE EVALUATION or
WATERWAY ADEQUACY

NOTE: Any structure classified as STRUCTURALLY DEFICIENT (SD) is excluded from the FUNCTIONALLY OBSOLETE (FO) category.

INDIVIDUAL DEFICIENCIES

Approach Roadway: Appraisal Rating of **3** or less for **Approach Roadway**

Clearance: Appraisal Rating of **3** or less for **Underclearance**

Condition: Appraisal Rating of **4** or less for: **Deck, Superstructure, Substructure, or Culvert**
OR

Appraisal Rating of **3** or less for: **Structure Evaluation**

Waterway: Appraisal Rating of **3** or less for **Waterway Adequacy**

Width: Appraisal Rating of **3** or less for **Deck Geometry**

Load: Bridge is Posted for **Single Vehicle, Semi, or Double-Trailer Trucks**
AND

Bridge **has one or more of the above individual deficiencies**

**DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES OVER 20 FT
ALL SUFFICIENCY RATINGS
2018**

DEFICIENCIES								
ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	43	36	81	0	0	36	112
TRUNK HWY	4	35	35	46	7	3	34	72
COUNTY	169	44	339	14	5	11	332	49
TOWNSHIP	168	62	224	5	17	30	206	61
CITY	54	74	62	15	0	9	55	77
TOTAL	395	258	696	161	29	53	663	371

RAILROAD DEFICIENCIES			
ROUTE SYSTEM	TOTAL # OF RR BR's	NUMBER DEFICIENT	EST IMPR COST
INTERSTATE	38	36	\$38,684,000
TRUNK HWY	68	60	\$64,691,000
COUNTY	75	73	\$117,326,000
TOWNSHIP	27	27	\$34,480,000
CITY	127	123	\$251,012,000
TOTAL	335	319	\$506,193,000

**DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING <= 80
2018**

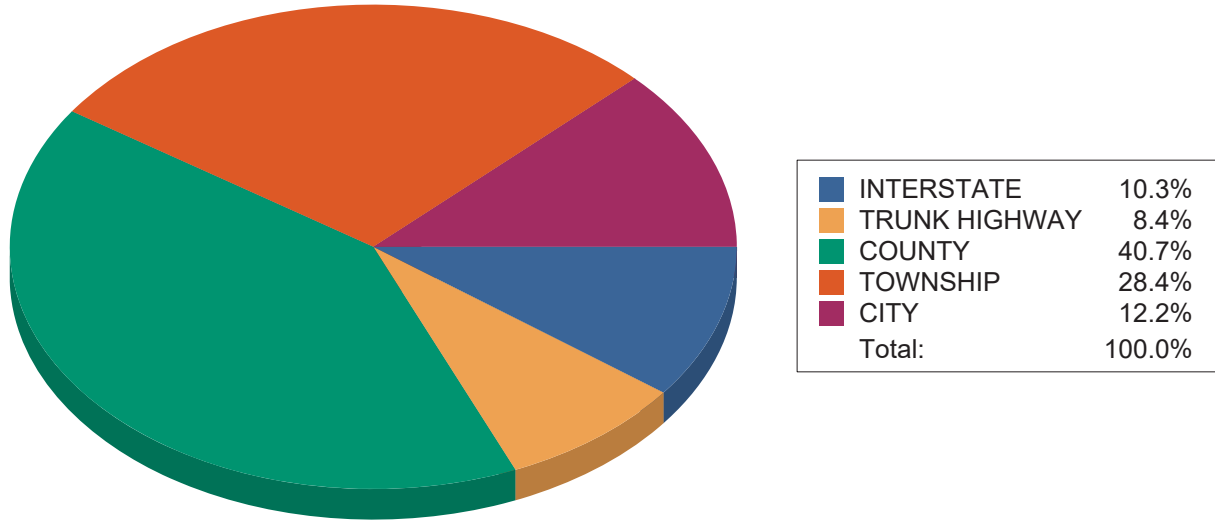
DEFICIENCIES								
ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	35	34	32	0	0	34	56
TRUNK HWY	4	33	34	21	3	3	33	41
COUNTY	169	40	331	9	0	9	323	34
TOWNSHIP	165	55	221	3	11	28	203	46
CITY	54	57	61	9	0	8	54	53
TOTAL	392	220	681	74	14	48	647	230

**DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING < 50
2018**

DEFICIENCIES								
ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	0	4	1	0	0	4	0
TRUNK HWY	3	4	11	5	2	2	10	2
COUNTY	105	22	125	3	0	3	120	10
TOWNSHIP	112	37	113	0	7	15	100	17
CITY	41	21	45	3	0	5	38	12
TOTAL	261	84	298	12	9	25	272	41

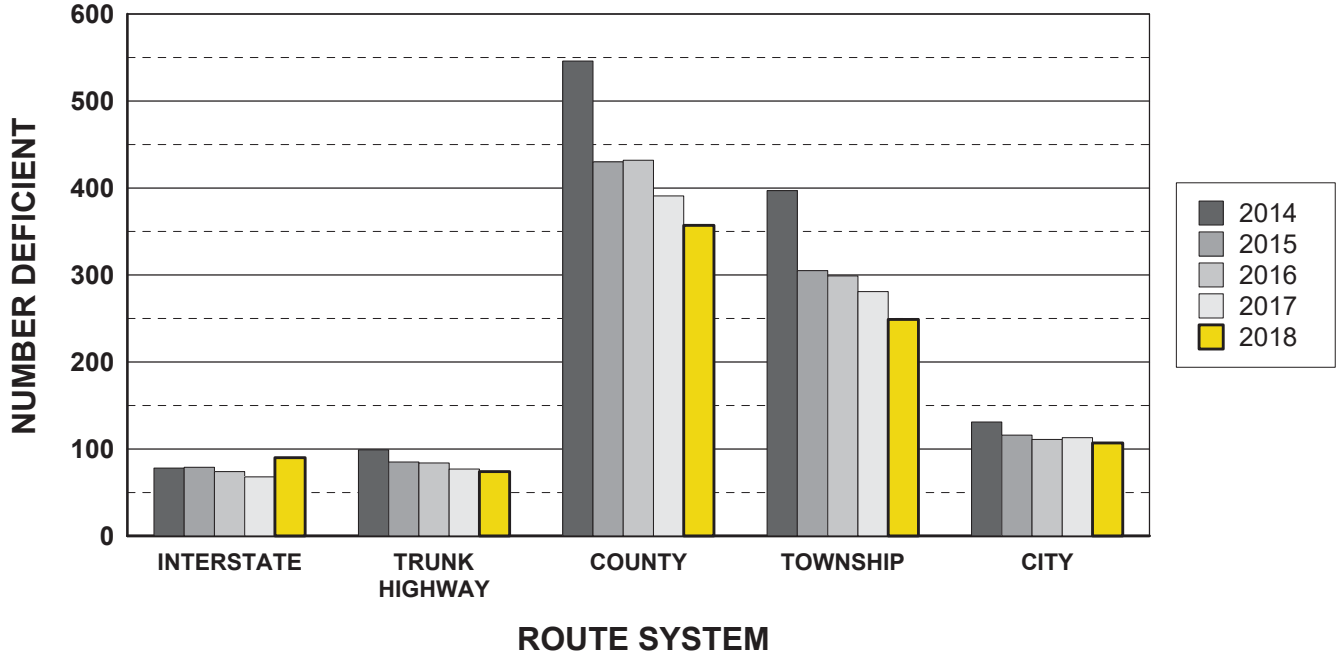
ALL STRUCTURES OVER 20 FT SUFFICIENCY RATING \leq 80 2018

PERCENTAGE OF DEFICIENT STRUCTURES 877 DEFICIENT STRUCTURES



ALL STRUCTURES OVER 20 FT SUFFICIENCY RATING \leq 80 2018

DEFICIENT STRUCTURE HISTORY



**NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING \leq 80
STRUCTURES OVER 20 FT
2018**

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
01-AITKIN	0	2	1	0	3
02-ANOKA	6	2	0	1	9
03-BECKER	0	2	1	0	3
04-BELTRAMI	1	1	0	1	3
05-BENTON	0	2	3	0	5
06-BIG STONE	0	0	0	0	0
07-BLUE EARTH	0	10	1	0	11
08-BROWN	1	1	1	0	3
09-CARLTON	5	4	1	0	10
10-CARVER	0	6	2	4	12
11-CASS	1	3	0	1	5
12-CHIPPEWA	1	7	9	2	19
13-CHISAGO	3	2	1	1	7
14-CLAY	0	8	7	1	16
15-CLEARWATER	0	0	0	0	0
16-COOK	0	6	0	0	6
17-COTTONWOOD	0	1	3	0	4
18-CROW WING	1	2	1	0	4
19-DAKOTA	6	1	1	0	8
20-DODGE	0	5	4	0	9
21-DOUGLAS	0	0	0	0	0
22-FARIBAULT	0	10	10	0	20
23-FILLMORE	0	14	16	0	30
24-FREEBORN	0	2	1	0	3
25-GOODHUE	1	2	6	4	13

**NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING \leq 80
STRUCTURES OVER 20 FT
2018**

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
26-GRANT	0	2	2	0	4
27-HENNEPIN	53	18	0	41	112
28-HOUSTON	0	1	8	0	9
29-HUBBARD	0	3	0	0	3
30-ISANTI	0	3	1	0	4
31-ITASCA	2	8	4	1	15
32-JACKSON	0	5	7	0	12
33-KANABEC	0	0	0	0	0
34-KANDIYOHI	0	1	3	0	4
35-KITTSOON	0	2	3	0	5
36-KOOCHICHING	1	4	0	0	5
37-LAC QUI PARLE	0	5	5	0	10
38-LAKE	3	4	0	0	7
39-LAKE OF THE WOODS	1	1	1	0	3
40-LE SUEUR	1	1	0	0	2
41-LINCOLN	0	7	10	0	17
42-LYON	1	4	2	1	8
43-MCLEOD	0	1	0	1	2
44-MAHNOMEN	0	3	3	0	6
45-MARSHALL	1	4	2	0	7
46-MARTIN	0	3	11	2	16
47-MEEKER	0	0	1	0	1
48-MILLE LACS	0	1	0	1	2
49-MORRISON	0	8	2	0	10
50-MOWER	6	18	24	4	52

**NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING \leq 80
STRUCTURES OVER 20 FT
2018**

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
51-MURRAY	0	4	3	0	7
52-NICOLLET	1	1	0	0	2
53-NOBLES	1	1	2	1	5
54-NORMAN	0	5	2	0	7
55-OLMSTED	3	6	0	3	12
56-OTTER TAIL	3	5	1	1	10
57-PENNINGTON	0	0	0	0	0
58-PINE	0	3	1	0	4
59-PIPESTONE	0	10	10	0	20
60-POLK	2	5	4	0	11
61-POPE	0	0	1	0	1
62-RAMSEY	30	9	0	10	49
63-RED LAKE	0	0	1	0	1
64-REDWOOD	1	13	15	4	33
65-RENVILLE	0	14	9	0	23
66-RICE	0	1	0	2	3
67-ROCK	0	6	2	2	10
68-ROSEAU	0	3	5	0	8
69-ST LOUIS	14	33	7	9	63
70-SCOTT	4	1	0	1	6
71-SHERBURNE	2	2	0	0	4
72-SIBLEY	0	3	1	0	4
73-STEARNS	0	2	0	1	3
74-STEELE	2	2	4	2	10
75-STEVENS	0	0	1	0	1

**NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING \leq 80
STRUCTURES OVER 20 FT
2018**

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
76-SWIFT	0	1	2	0	3
77-TODD	1	2	0	0	3
78-TRAVERSE	0	2	1	0	3
79-WABASHA	0	3	2	0	5
80-WADENA	0	1	0	0	1
81-WASECA	0	4	1	0	5
82-WASHINGTON	3	0	0	3	6
83-WATONWAN	0	1	3	0	4
84-WILKIN	0	4	7	0	11
85-WINONA	2	9	1	2	14
86-WRIGHT	0	0	1	0	1
87-YELLOW MEDICINE	0	1	4	0	5
TOTAL	164	357	249	107	877

**SECTION
FOUR**

**REPLACEMENT
PROGRAM**

CRITERIA FOR DEFICIENT STRUCTURES

Summaries of deficient structures are based on those classified as either **Structurally Deficient (SD)** or **Functionally Obsolete (FO)** and having a **Sufficiency Rating** of less than 80.0, or a deficient Railroad over Highway Structure

CRITERIA FOR DEFICIENT STRUCTURES

STRUCTURALLY DEFICIENT

1. CONDITION CODE of **4** or less for:

DECK CONDITION or
SUPERSTRUCTURE or
SUBSTRUCTURE or
CULVERT

OR

2. APPRAISAL RATING of **2** or less for:

STRUCTURE EVALUATION or
WATERWAY ADEQUACY

FUNCTIONALLY OBSOLETE

1. APPRAISAL RATING of **3** or less for:

DECK GEOMETRY or
UNDERCLEARANCE or
APPROACH ROADWAY

OR

2. APPRAISAL RATING of **3** for:

STRUCTURE EVALUATION or
WATERWAY ADEQUACY

NOTE: Any structure classified as STRUCTURALLY DEFICIENT (SD) is excluded from the FUNCTIONALLY OBSOLETE (FO) category.

INDIVIDUAL DEFICIENCIES

Approach Roadway: Appraisal Rating of **3** or less for **Approach Roadway**

Clearance: Appraisal Rating of **3** or less for **Underclearance**

Condition: Appraisal Rating of **4** or less for: **Deck, Superstructure, Substructure, or Culvert**
OR

Appraisal Rating of **3** or less for: **Structure Evaluation**

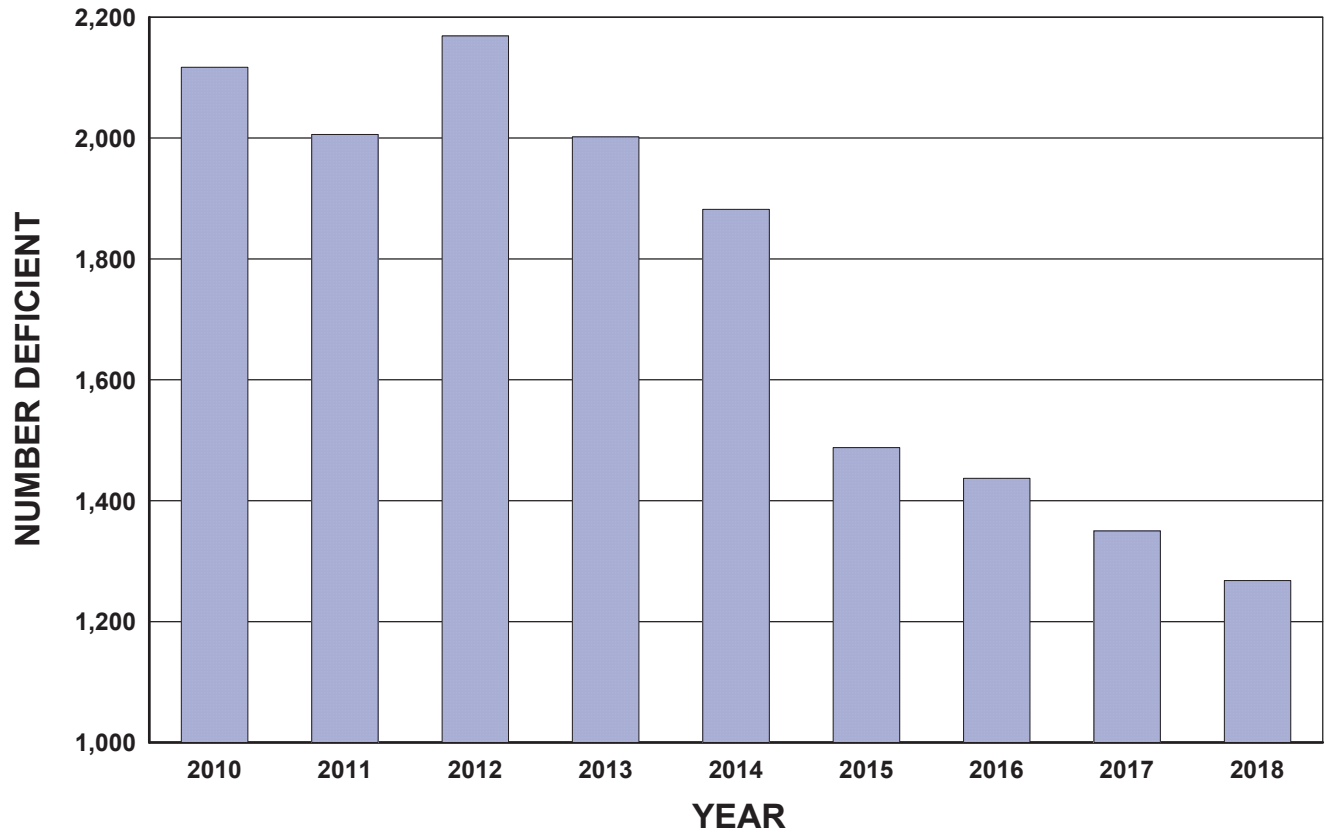
Waterway: Appraisal Rating of **3** or less for **Waterway Adequacy**

Width: Appraisal Rating of **3** or less for **Deck Geometry**

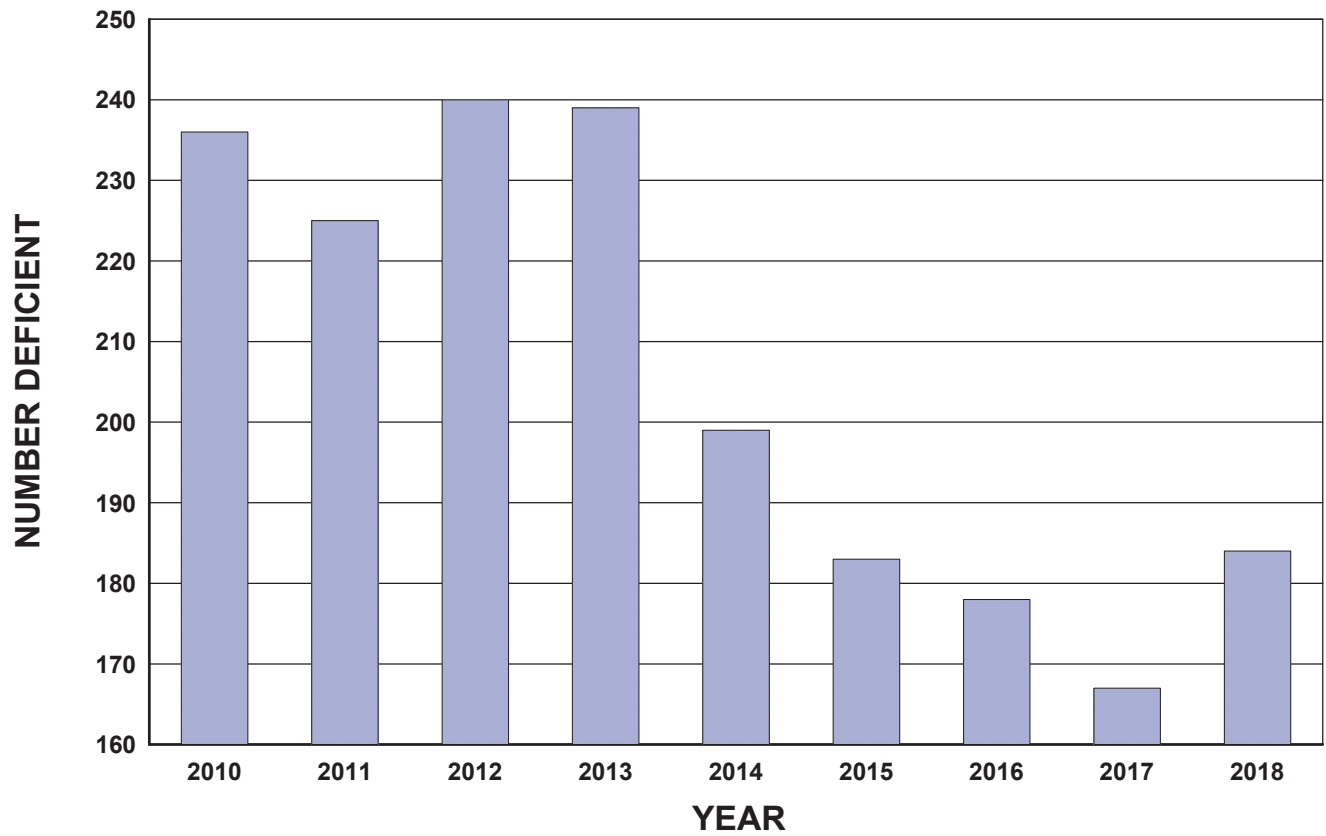
Load: Bridge is Posted for **Single Vehicle, Semi, or Double-Trailer Trucks**
AND

Bridge **has one or more of the above individual deficiencies**

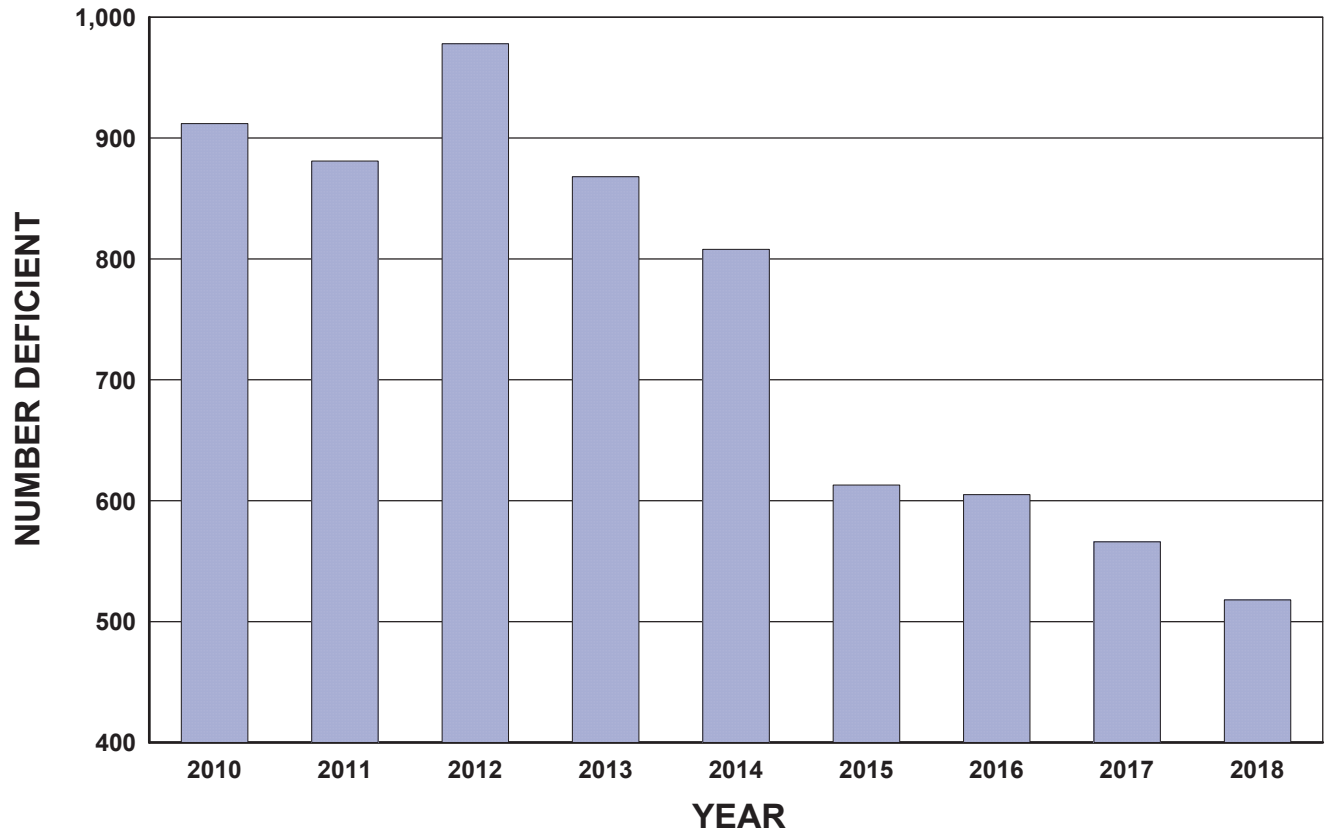
**DEFICIENT STRUCTURE HISTORY
ALL ROUTE SYSTEMS
SUFFICIENCY RATING \leq 80
ALL STRUCTURES 10 FT AND OVER
2018**



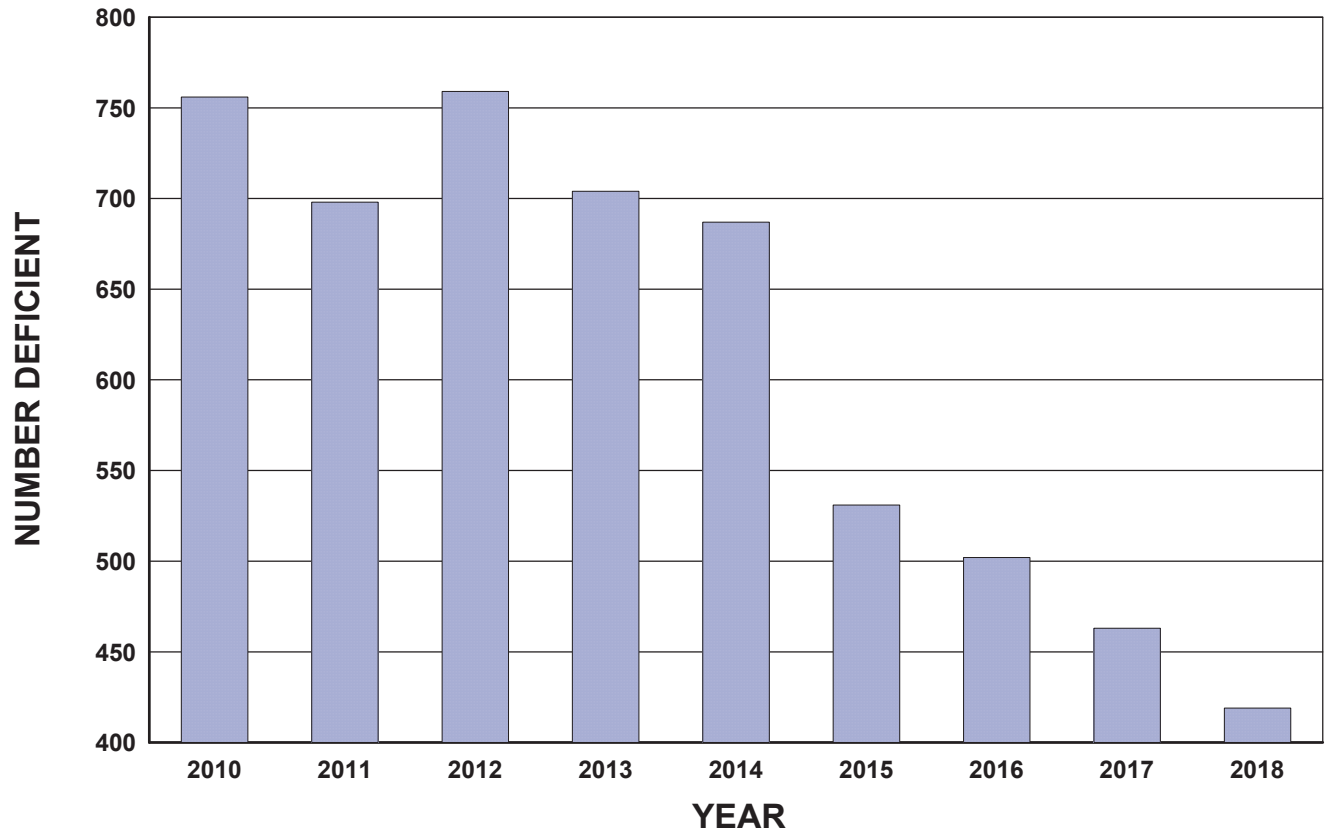
**DEFICIENT STRUCTURE HISTORY
INTERSTATE AND TRUNK HIGHWAY
SUFFICIENCY RATING ≤ 80
ALL STRUCTURES 10 FT AND OVER
2018**



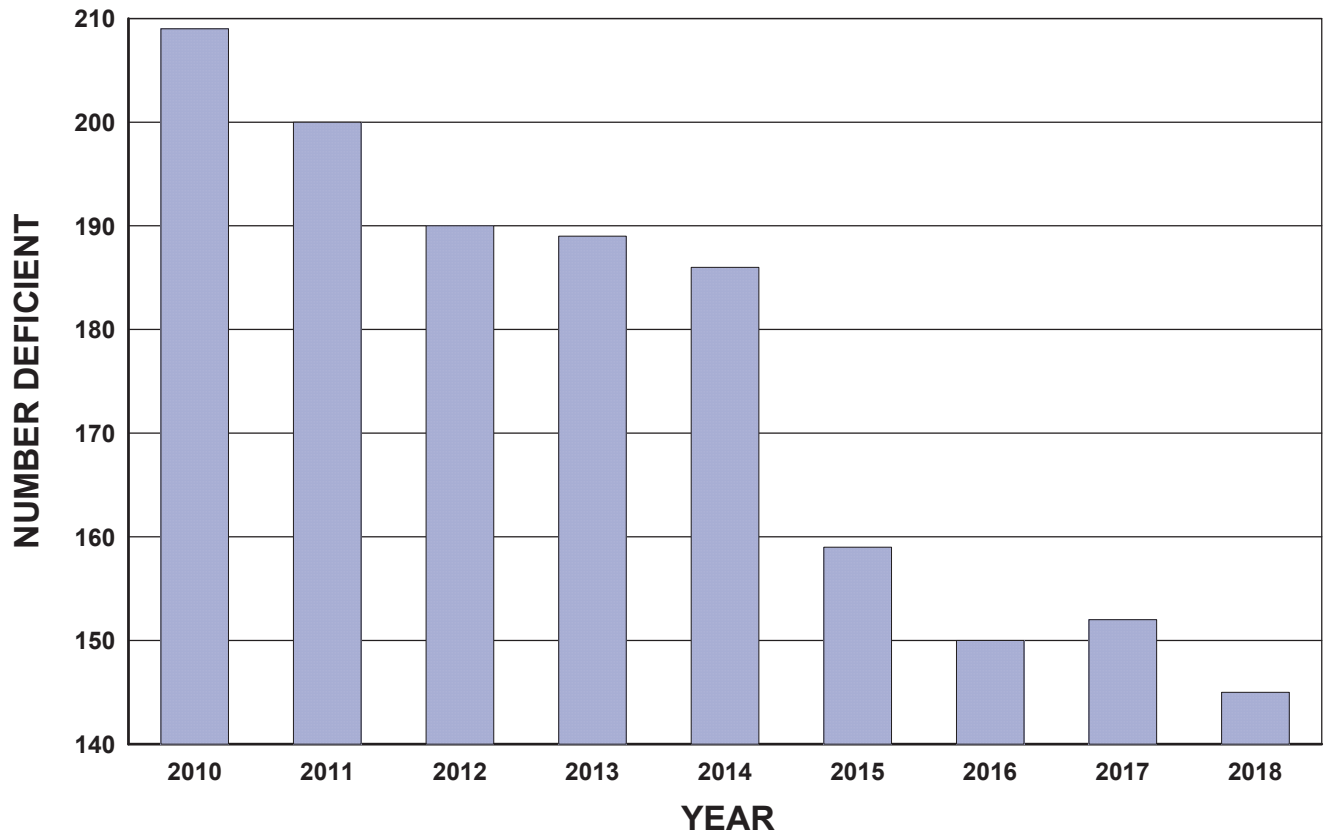
**DEFICIENT STRUCTURE HISTORY
COUNTY HIGHWAY
SUFFICIENCY RATING \leq 80
ALL STRUCTURES 10 FT AND OVER
2018**



**DEFICIENT STRUCTURE HISTORY
TOWNSHIP ROAD
SUFFICIENCY RATING \leq 80
ALL STRUCTURES 10 FT AND OVER
2018**



**DEFICIENT STRUCTURE HISTORY
CITY STREET
SUFFICIENCY RATING \leq 80
ALL STRUCTURES 10 FT AND OVER
2018**



**SECTION
FIVE**

**TRUNK HIGHWAY
BRIDGE
PERFORMANCE**

Trunk Highway Bridge Performance Measures and Targets

In 1997, the Office of Bridges and Structures, in conjunction with the Office of Investment Management, developed a set of Bridge Performance Measures and Targets to use in focusing proposed investments on projects that will improve or attain the Performance Targets. Using these measures will help Mn/DOT continue to maintain and improve the existing bridge system.

The 3 bridge performance measures are:

- Structural Condition Rating
- Geometric Rating
- Load Carrying Capacity Rating

Structural Condition Rating

The Structural Condition Rating is a broad measure of the structural condition of a bridge. Each bridge is categorized as Good, Satisfactory, Fair, or Poor by using 4 NBI (National Bridge Inventory) condition codes and 2 NBI appraisal ratings.

The 4 NBI condition codes are Deck Condition, Superstructure Condition, Substructure Condition, and Culvert Condition. The 2 NBI appraisal ratings are Structural Evaluation and Waterway Adequacy. Condition Codes and Appraisal Ratings use a scale from 0 to 9 where 9 is Excellent and 0 is Failed.

The criteria for the 4 categories are as follows:

- Good - If **all** of the condition codes (deck, superstructure, substructure, or culvert) are 7 or greater, **and** both of the appraisal ratings (structural evaluation and waterway adequacy) are 6 or greater.
- Satis - If **any** of the condition codes (deck, superstructure, substructure, or culvert) are 6, **or** either of the appraisal ratings (structural evaluation or waterway adequacy) are 5.
- Fair - If **any** of the condition codes (deck, superstructure, substructure, or culvert) are 5, **or** either of the appraisal ratings (structural evaluation or waterway adequacy) are 3 or 4.
- Poor - If **any** of the condition codes (deck, superstructure, substructure, or culvert) are 4 or less, **or** either of the appraisal ratings (structural evaluation or waterway adequacy) are 2 or less. (This is defined as Structurally Deficient)

If the bridge qualifies in more than one category, it will be placed in the poorest category.

Note that for purposes of the performance measures, bridges that are Poor for both the Structural Condition Rating and the Geometric Rating are only included under the Structural Condition Rating and are not included under Geometric Rating.

Geometric Rating

The Geometric Rating is a broad measure of the geometric properties of a bridge. Each bridge is categorized as Good, Fair, or Poor by using 4 NBI appraisal ratings to place each bridge in a category.

The 4 NBI appraisal ratings are Deck Geometry, Underclearance (Vertical and Horizontal), Approach Roadway Alignment, and Waterway Adequacy. The Appraisal Ratings use a scale from 0 to 9 where 9 is Excellent and 0 is Failed.

The criteria for the 3 categories is as follows:

- Good - If **all** of the appraisal ratings (deck geometry, underclearances, approach roadway alignment, structural evaluation, and waterway adequacy) are 6 or greater.
- Fair/Satis - If **any** of the appraisal ratings (deck geometry, underclearances, approach roadway alignment, structural evaluation, and waterway adequacy) are 4 or 5.
- Poor - If **any** of the appraisal ratings (deck geometry, underclearances, approach roadway alignment) are 3 or less, **or** if either of the appraisal ratings (structural evaluation or waterway adequacy) are equal to 3. (This is defined as Functionally Obsolete)

If a bridge qualifies in more than one category, it will be placed in the poorest category.

Note that for purposes of the performance measures, bridges that are Poor for both the Structural Condition Rating and the Geometric Rating are only included under the Structural Condition Rating and are not included under Geometric Rating.

Load Carrying Capacity Rating

The Posted Bridges and Load Carrying Capacity Rating measures the load carrying capacity of a bridge, and its ability to carry legal and overweight loads. Each bridge is categorized as HS25, Acceptable, Permit Limitations, or Posted.

The criteria for the 4 categories is as follows:

- HS25 - The inventory rating is equal to or greater than HS25. This means that the bridge meets current design standards.
- Acceptable - The inventory rating is less than HS25, and there are no permit limitations or posted restrictions.
- Permit Limitations - The bridge has permit restrictions for "A", "B", or "C" trucks, and is not posted.
- Posted - The bridge has a posted load rating, or is signed with "Trucks must not meet on bridge".

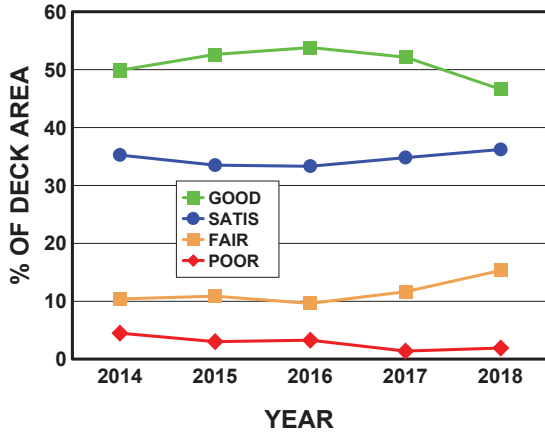
BRIDGE PERFORMANCE SUMMARY

TRUNK HIGHWAY PRINCIPAL ARTERIALS

ALL STRUCTURES OVER 20 FT

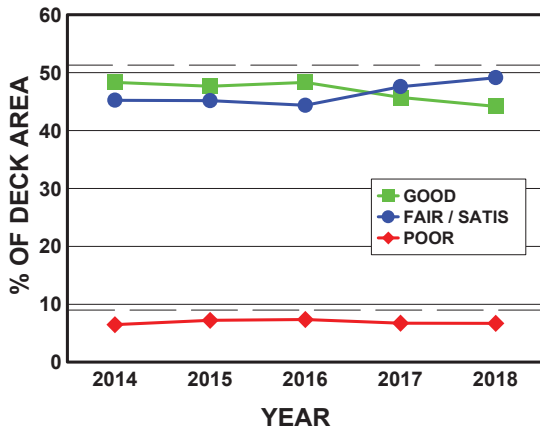
2018

STRUCTURAL CONDITION



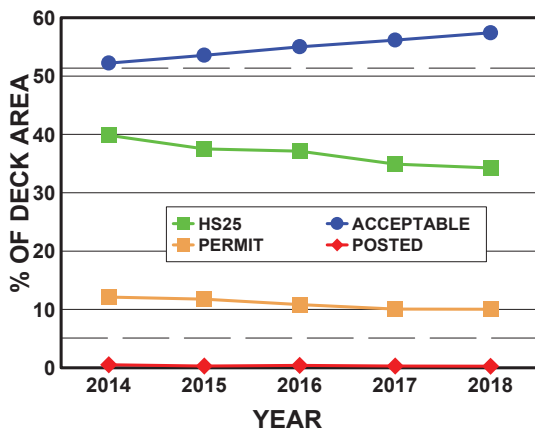
TARGETS	55% GOOD CONDITION					
	2% POOR CONDITION (STRUCTURALLY DEFICIENT)					
MEASURES	CONDITION CODES				APPRAISAL RATINGS	
	DECK	SUPER STRUCTURE	SUB STRUCTURE	CULVERT	STRUCT EVAL	WATERWAY ADEQUACY
	GOOD	≥ 7	≥ 7	≥ 7	≥ 6	≥ 6
POOR	≤ 4	≤ 4	≤ 4	≤ 4	≤ 2	≤ 2
HISTORY		2014	2015	2016	2017	2018
	GOOD	49.9%	52.6%	53.8%	52.2%	46.6%
	SATIS	35.2%	33.5%	33.3%	34.8%	36.2%
	FAIR	10.4%	10.9%	9.6%	11.6%	15.3%
POOR	4.5%	3.0%	3.3%	1.4%	1.9%	
ANALYSIS						

GEOMETRIC RATING



TARGETS	50% GOOD CONDITION					
	5% POOR CONDITION (FUNCTIONALLY OBSOLETE)					
MEASURES	APPRAISAL RATINGS					
	STRUCTURAL EVALUATION	DECK GEOMETRY	UNDER CLEARANCE	WATERWAY ADEQUACY	APPROACH ALIGNMENT	
	GOOD	≥ 6	≥ 6	≥ 6	≥ 6	
POOR	= 3	≤ 3	≤ 3	= 3	≤ 3	
HISTORY		2014	2015	2016	2017	2018
	GOOD	48.3%	47.6%	48.3%	45.7%	44.2%
	FAIR/SATIS	45.2%	45.2%	44.3%	47.6%	49.1%
	POOR	6.5%	7.2%	7.4%	6.7%	6.7%
ANALYSIS						

LOAD CAPACITY



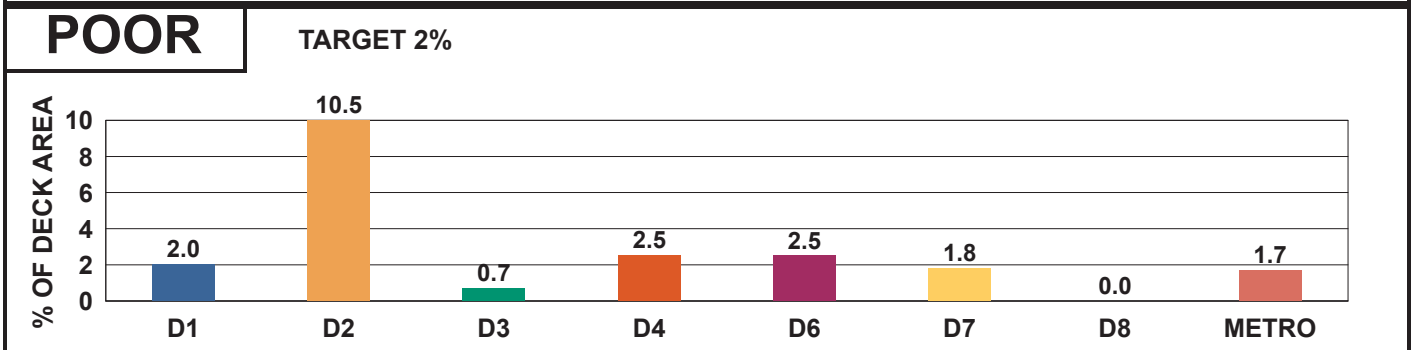
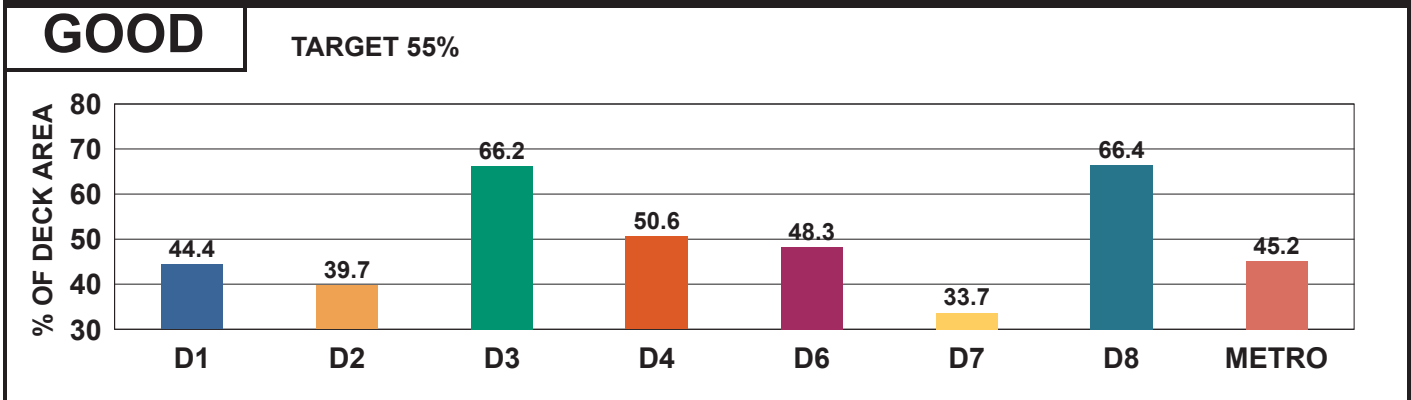
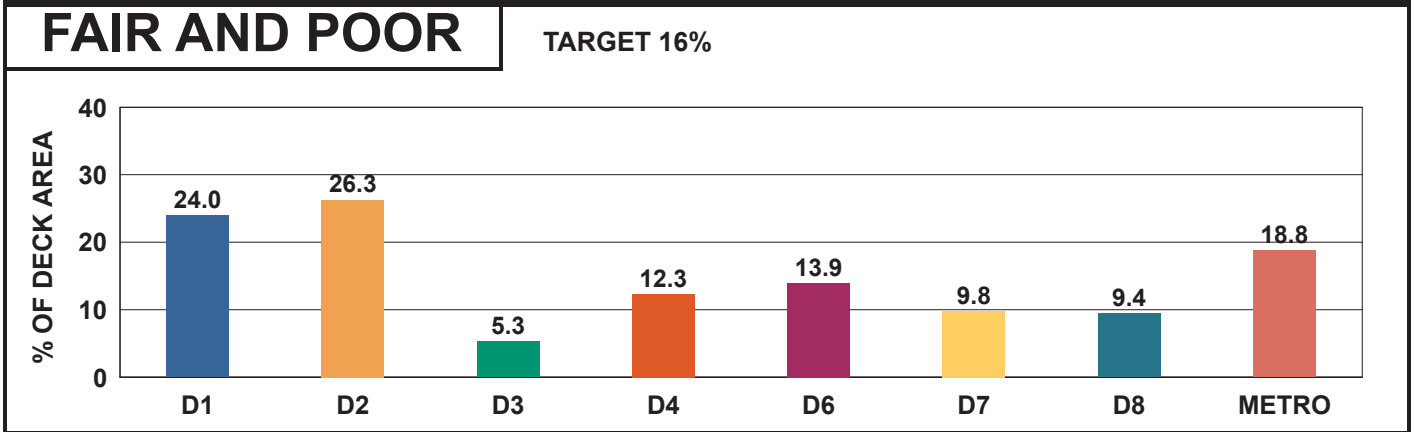
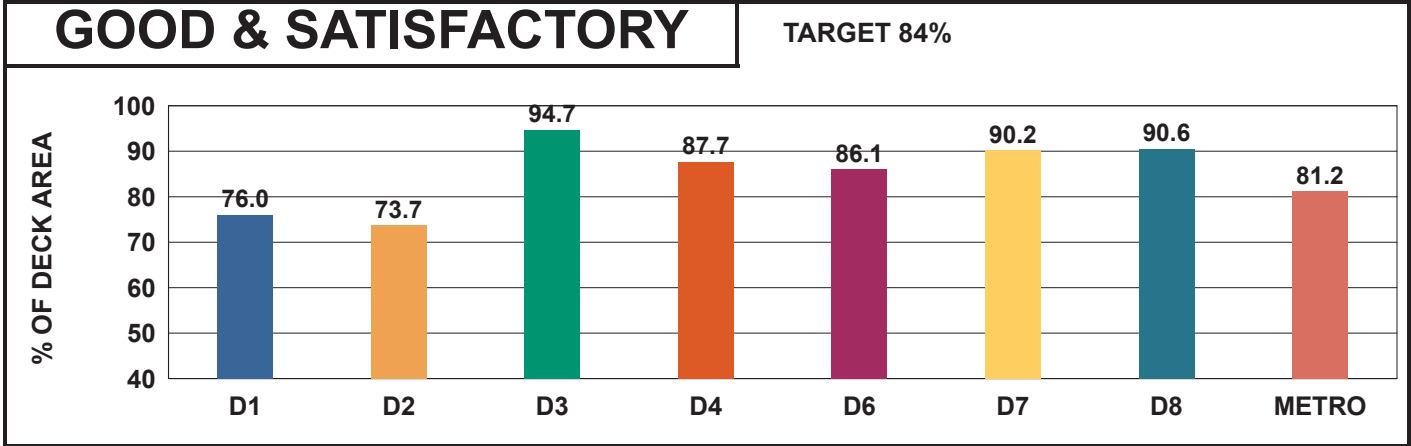
TARGETS	50% HS25 CAPACITY OR GREATER					
	0% POSTED LOAD RESTRICTIONS					
MEASURES	DESCRIPTION					
	HS25	MEETS CURRENT DESIGN STANDARDS				
	ACCEPTABLE	INVENTORY RATING < HS25 WITH NO PERMIT LIMITS OR POSTING				
	PERMIT	PERMIT RESTRICTIONS FOR CERTAIN OVERWEIGHT LOADS				
	POSTED	POSTED LOAD RESTRICTIONS				
HISTORY		2014	2015	2016	2017	2018
	HS25 (GOOD)	38.1%	36.4%	35.9%	34.4%	33.6%
	ACCEPTABLE	49.8%	51.9%	53.2%	55.4%	56.3%
	PERMIT	11.6%	11.4%	10.5%	9.9%	9.8%
	POSTED (POOR)	0.5%	0.3%	0.4%	0.3%	0.3%
ANALYSIS						

DISTRICT BRIDGE CONDITION SUMMARY

TRUNK HIGHWAY PRINCIPAL ARTERIALS

ALL STRUCTURES OVER 20 FT

2018

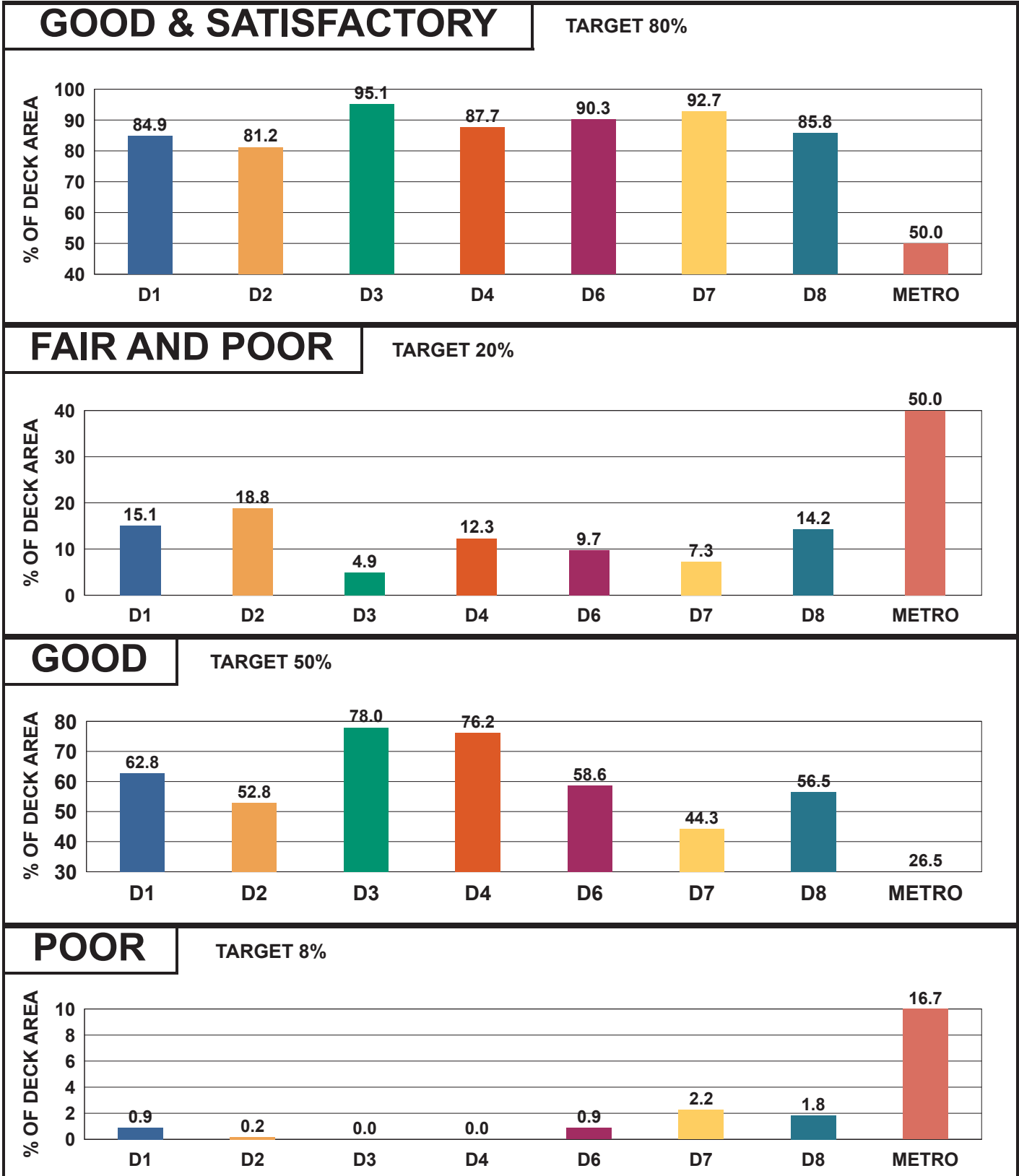


DISTRICT BRIDGE CONDITION SUMMARY

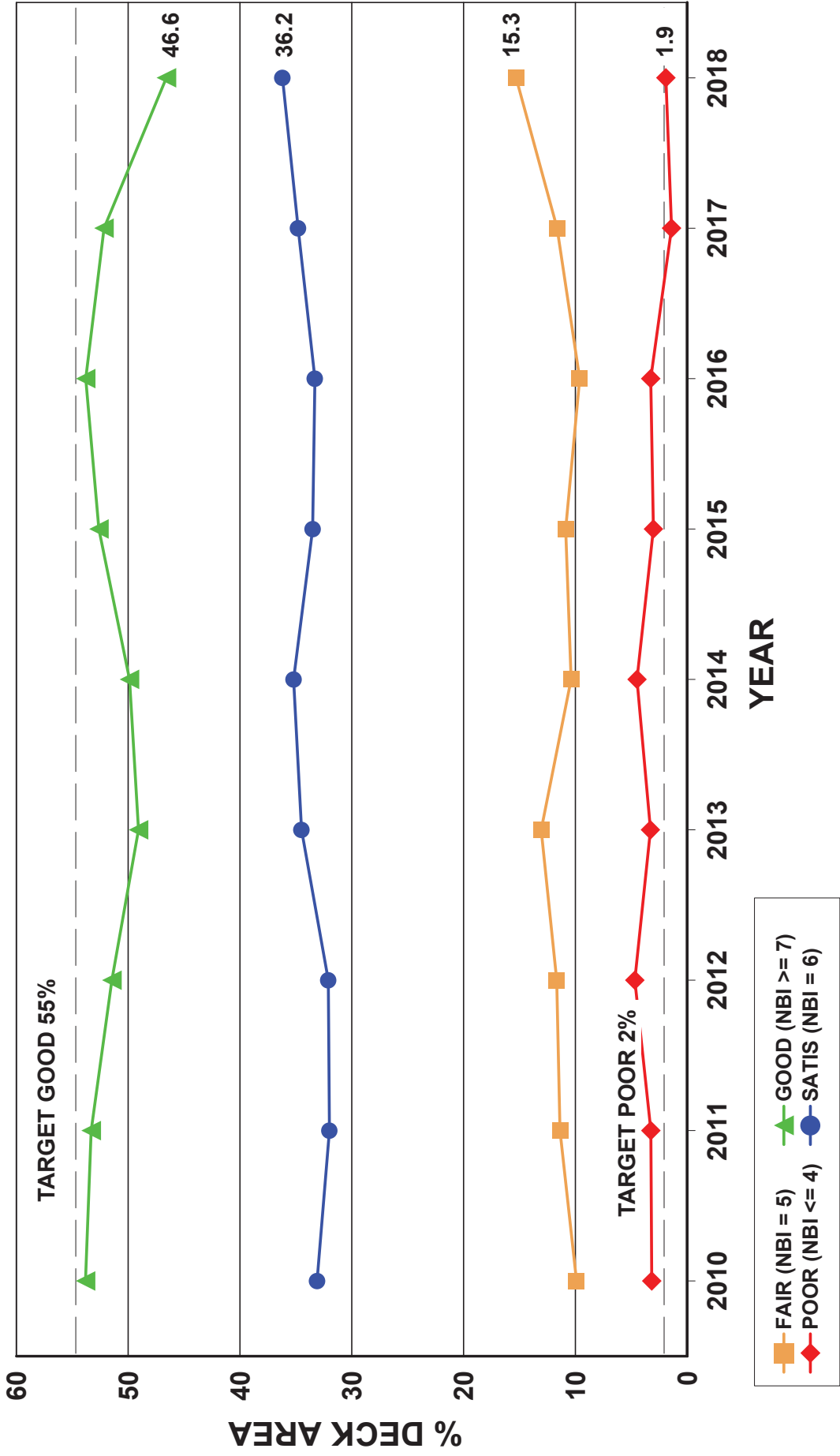
TRUNK HIGHWAY NON-PRINCIPAL ARTERIALS

ALL STRUCTURES OVER 20 FT

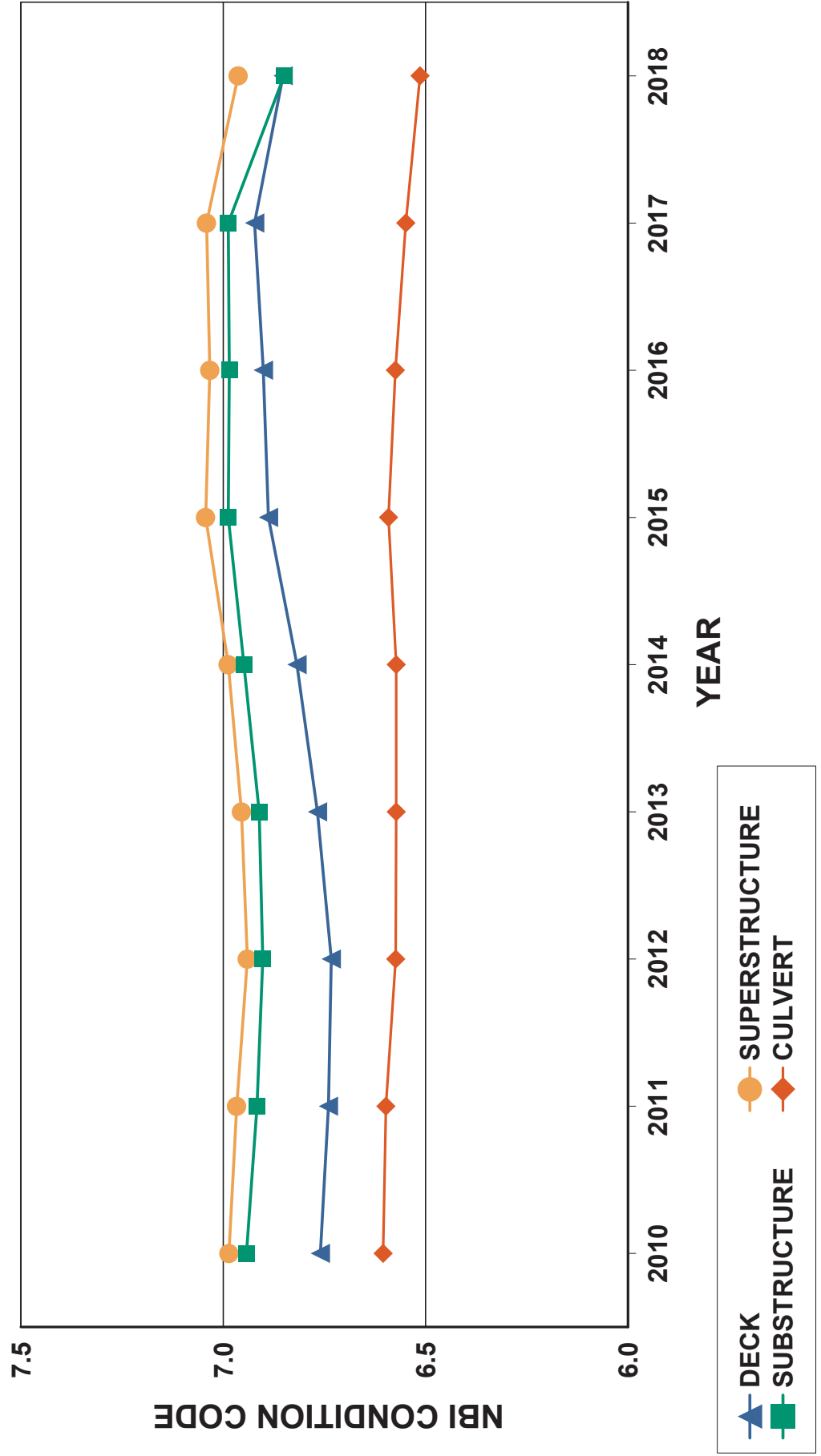
2018



STATEWIDE BRIDGE CONDITION HISTORY TRUNK HIGHWAY PRINCIPAL ARTERIALS ALL STRUCTURES OVER 20 FT 2018



STATEWIDE TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



STATEWIDE TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD/SATIS	85.1	86.1	87.1	87.0	82.8	>=84%	84.9	85.0	85.2	85.2	77.8	>=80%	85.1	85.9	86.8	86.7	82.1
FAIR/ POOR	14.9	13.9	12.9	13.0	17.2	<=16%	15.1	15.0	14.8	14.8	22.2	<=20%	14.9	14.1	13.2	13.3	17.9
GOOD	49.9	52.6	53.8	52.2	46.6	>=55%	58.3	60.5	58.4	55.7	50.8	>=50%	51.0	53.7	54.4	52.6	47.1
POOR (SD)	4.5	3.0	3.3	1.4	1.9	<2%	1.3	3.1	2.9	3.3	5.0	<8%	4.1	3.0	3.2	1.7	2.3

GEOMETRIC RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD	48.3	47.6	48.3	45.7	44.2	>=50%	57.2	61.8	62.9	62.0	66.3	>=50%	49.6	49.6	50.4	47.8	47.0
FAIR/SATIS	45.2	45.2	44.3	47.6	49.1		33.8	29.3	28.7	29.1	28.9		43.6	43.0	42.1	45.2	46.5
POOR (FO)	6.5	7.2	7.4	6.7	6.7	<5%	9.0	8.9	8.4	8.9	4.8	<5%	6.8	7.4	7.5	7.0	6.5

LOAD CARRYING CAPACITY RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
HS25	38.1	36.4	35.9	34.4	33.6	>=50%	35.8	33.6	33.1	32.9	32.7	>=40%	37.8	36.0	35.5	34.2	33.5
ACCEPT	49.8	51.9	53.2	55.4	56.3		55.2	58.3	59.1	59.5	59.7		50.6	52.8	54.1	55.9	56.7
PERMIT	11.6	11.4	10.5	9.9	9.8		8.4	7.6	7.4	7.3	7.0		11.1	10.9	10.0	9.6	9.5
POST/SIGN	0.5	0.3	0.4	0.3	0.3	0%	0.6	0.5	0.4	0.3	0.6	0%	0.5	0.3	0.4	0.3	0.3

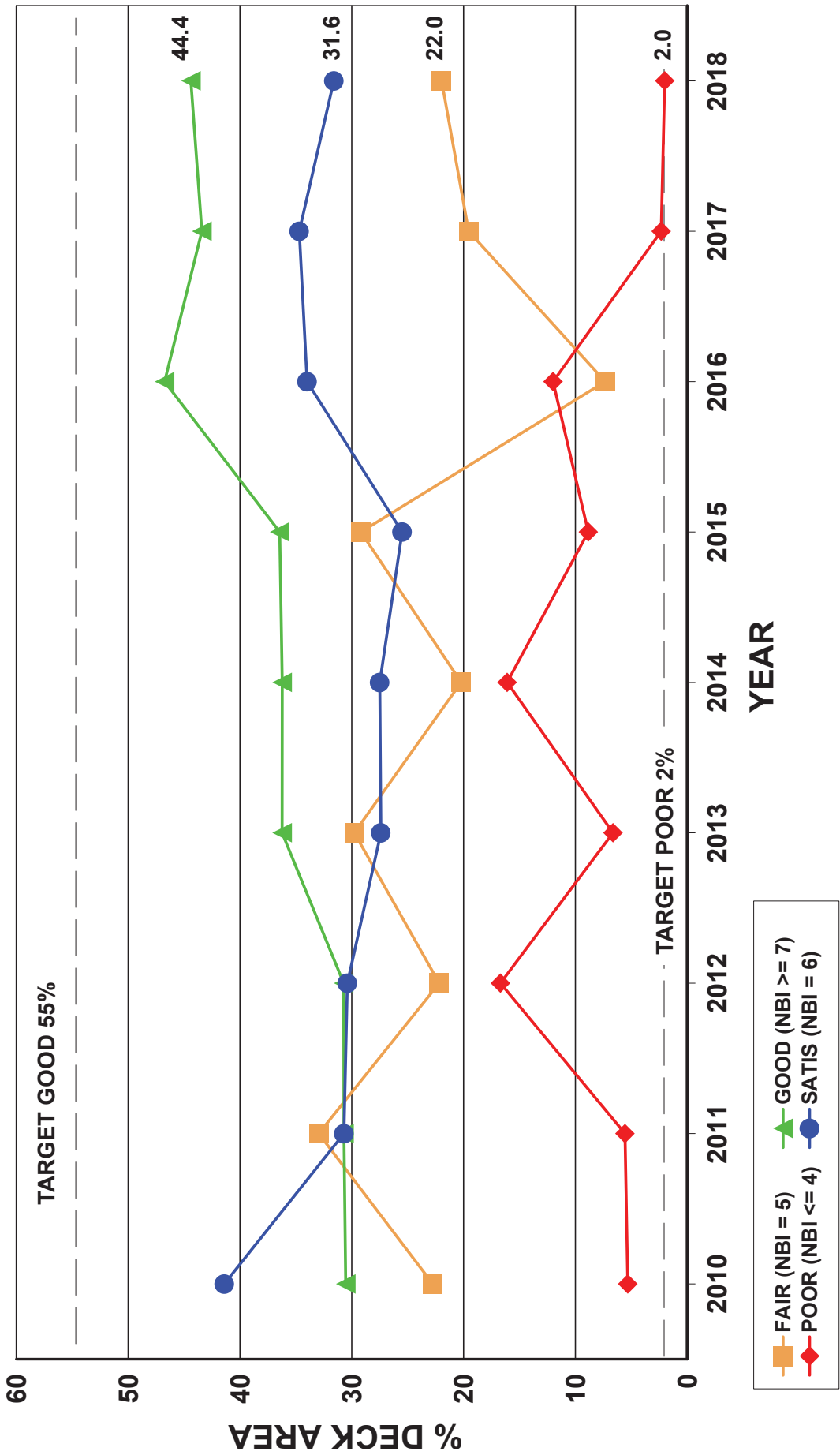
STATEWIDE TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	2,214	36,441,824	82.8	>= 84%	887	5,231,760	77.8	>= 80%	3,101	41,673,584	82.1
FAIR/POOR	389	7,581,222	17.2	<= 16%	160	1,489,573	22.2	<= 20%	549	9,070,795	17.9
TOTAL	2,603	44,023,046	100.0		1,047	6,721,333	100.0		3,650	50,744,379	100.0
GOOD	1,302	20,507,493	46.6	>= 55%	552	3,413,645	50.8	>= 50%	1,854	23,921,138	47.1
POOR (SD)	59	841,808	1.9	< 2%	11	334,236	5.0	< 8%	70	1,176,044	2.3

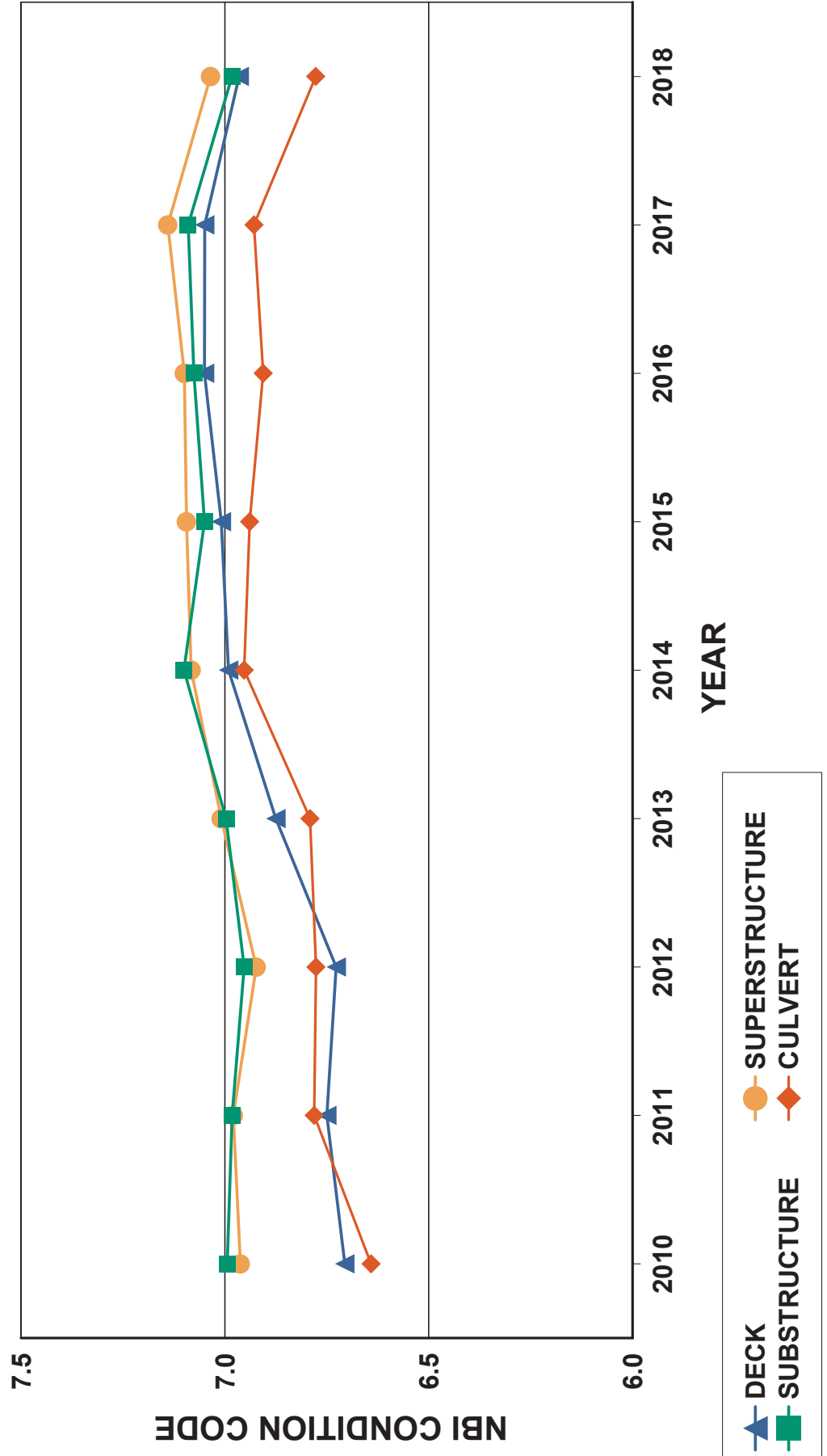
GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	1,330	19,074,669	44.2	>= 50%	777	4,236,874	66.3	>= 50%	2,107	23,311,543	47.0
FAIR/SATIS	1,045	21,210,604	49.1		244	1,846,656	28.9		1,289	23,057,260	46.5
POOR (SD)	169	2,895,964	6.7	< 5%	15	303,567	4.8	< 5%	184	3,199,531	6.5
TOTAL	2,544	43,181,238			1,036	6,387,097			3,580	49,568,334	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	821	14,790,368	33.6	>= 50%	262	2,198,700	32.7	>= 40%	1,083	16,989,068	33.5
ACCEPT	1,590	24,795,321	56.3		732	4,013,439	59.7		2,322	28,808,761	56.7
PERMIT	188	4,326,741	9.8		44	469,700	7.0		232	4,796,442	9.5
POST/SIGN	4	110,615	0.3	0%	9	39,493	0.6	0%	13	150,108	0.3
TOTAL	2,603	44,023,045			1,047	6,721,332			3,650	50,744,379	

DISTRICT 1 BRIDGE CONDITION HISTORY TRUNK HIGHWAY PRINCIPAL ARTERIALS ALL STRUCTURES OVER 20 FT 2018



DISTRICT 1 TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



DISTRICT 1 TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD/SATIS	63.7	62.0	80.7	78.1	76.0	>=84%	86.2	80.4	80.8	86.7	84.9	>=80%	66.3	64.1	80.7	79.1	77.0
FAIR/ POOR	36.3	38.0	19.3	21.9	24.0	<=16%	13.8	19.6	19.2	13.3	15.1	<=20%	33.7	35.9	19.3	20.9	23.0
GOOD	36.2	36.5	46.7	43.4	44.4	>=55%	58.9	59.6	58.8	58.8	62.8	>=50%	38.8	39.1	48.1	45.2	46.4
POOR (SD)	16.1	8.8	12.0	2.3	2.0	<2%	3.5	3.1	2.0	0.9	0.9	<8%	14.7	8.2	10.8	2.2	1.9

GEOMETRIC RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD	48.1	43.6	47.0	30.6	30.2	>=50%	63.6	63.7	63.4	68.4	68.5	>=50%	50.1	46.0	49.1	35.0	34.5
FAIR/SATIS	47.7	52.6	49.1	65.8	64.3		30.0	29.9	30.4	25.4	25.3		45.4	49.8	46.7	61.1	59.9
POOR (FO)	4.2	3.8	3.9	3.6	5.5	<5%	6.4	6.4	6.2	6.2	6.2	<5%	4.5	4.2	4.2	3.9	5.6

LOAD CARRYING CAPACITY RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
HS25	21.0	20.9	20.8	19.6	17.7	>=50%	35.6	35.6	34.5	33.3	32.7	>=40%	22.6	22.6	22.4	21.2	19.3
ACCEPT	41.7	41.9	42.3	43.6	46.8		53.8	54.2	55.6	58.6	59.3		43.2	43.3	43.8	45.3	48.2
PERMIT	37.3	37.2	36.9	36.8	35.5		9.6	9.2	9.0	8.1	8.0		34.1	34.0	33.7	33.5	32.5
POST/SIGN	0.0	0.0	0.0	0.0	0.0	0%	1.0	1.0	0.9	0.0	0.0	0%	0.1	0.1	0.1	0.0	0.0

DISTRICT 1 TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	257	4,659,996	76.0	>= 84%	99	653,634	84.9	>= 80%	356	5,313,630	77.0
FAIR/POOR	63	1,470,163	24.0	<= 16%	15	116,134	15.1	<= 20%	78	1,586,297	23.0
TOTAL	320	6,130,159	100.0		114	769,768	100.0		434	6,899,927	100.0
GOOD	168	2,720,969	44.4	>= 55%	76	483,421	62.8	>= 50%	244	3,204,390	46.4
POOR (SD)	12	123,425	2.0	< 2%	1	6,852	0.9	< 8%	13	130,277	1.9

GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	163	1,813,252	30.2	>= 50%	83	522,483	68.5	>= 50%	246	2,335,735	34.5
FAIR/SATIS	129	3,860,951	64.3		29	193,215	25.3		158	4,054,166	59.9
POOR (SD)	16	332,531	5.5	< 5%	1	47,218	6.2	< 5%	17	379,749	5.6
TOTAL	308	6,006,735			113	762,916			421	6,769,650	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	73	1,082,002	17.7	>= 50%	25	251,417	32.7	>= 40%	98	1,333,418	19.3
ACCEPT	199	2,869,434	46.8		84	456,787	59.3		283	3,326,222	48.2
PERMIT	48	2,178,723	35.5		5	61,564	8.0		53	2,240,287	32.5
POST/SIGN	0	0	0.0	0%	0	0	0.0	0%	0	0	0.0
TOTAL	320	6,130,159			114	769,768			434	6,899,927	

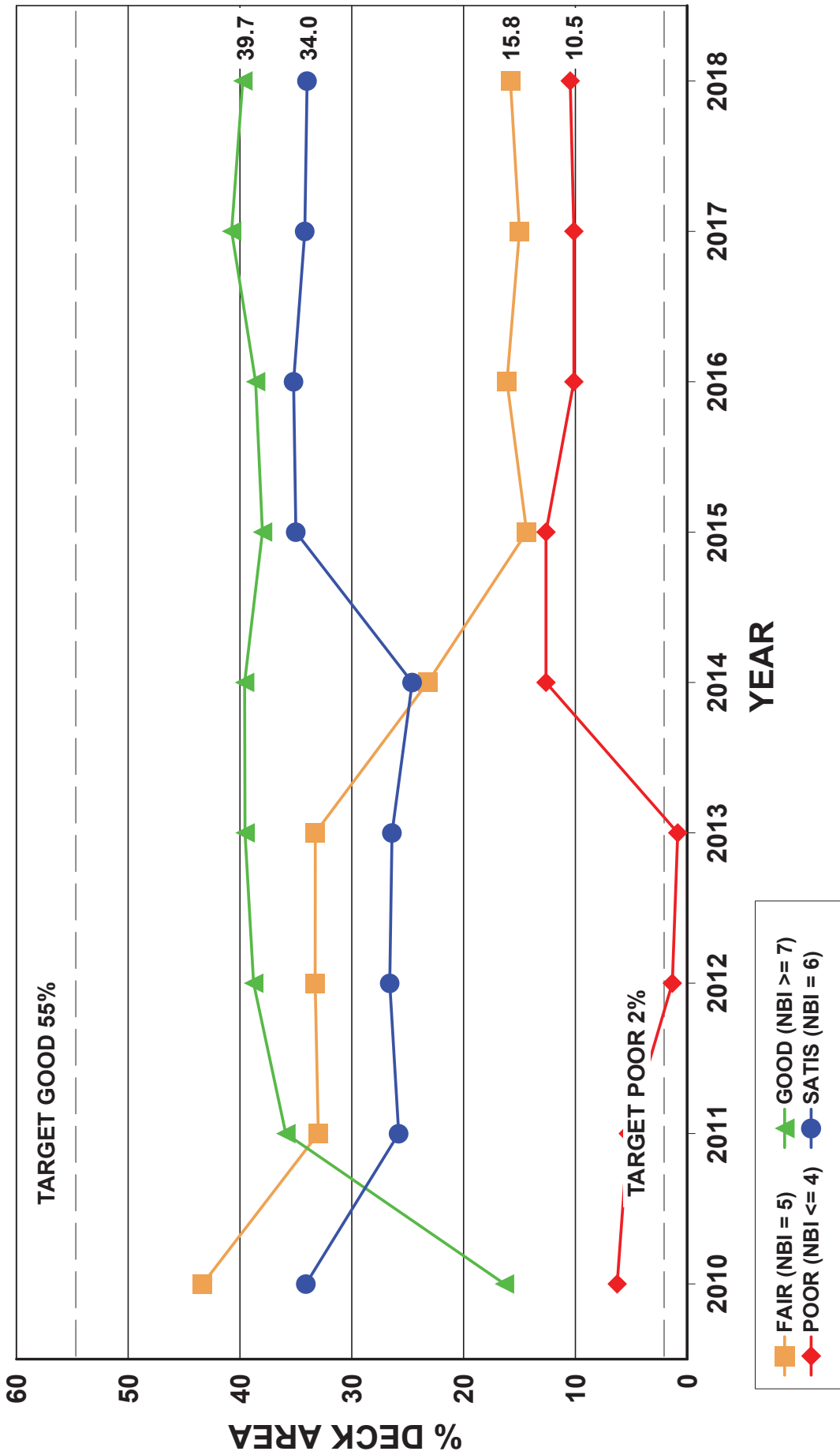
DISTRICT 1 DEFICIENT BRIDGE LIST

ALL STRUCTURES OVER 20 FT

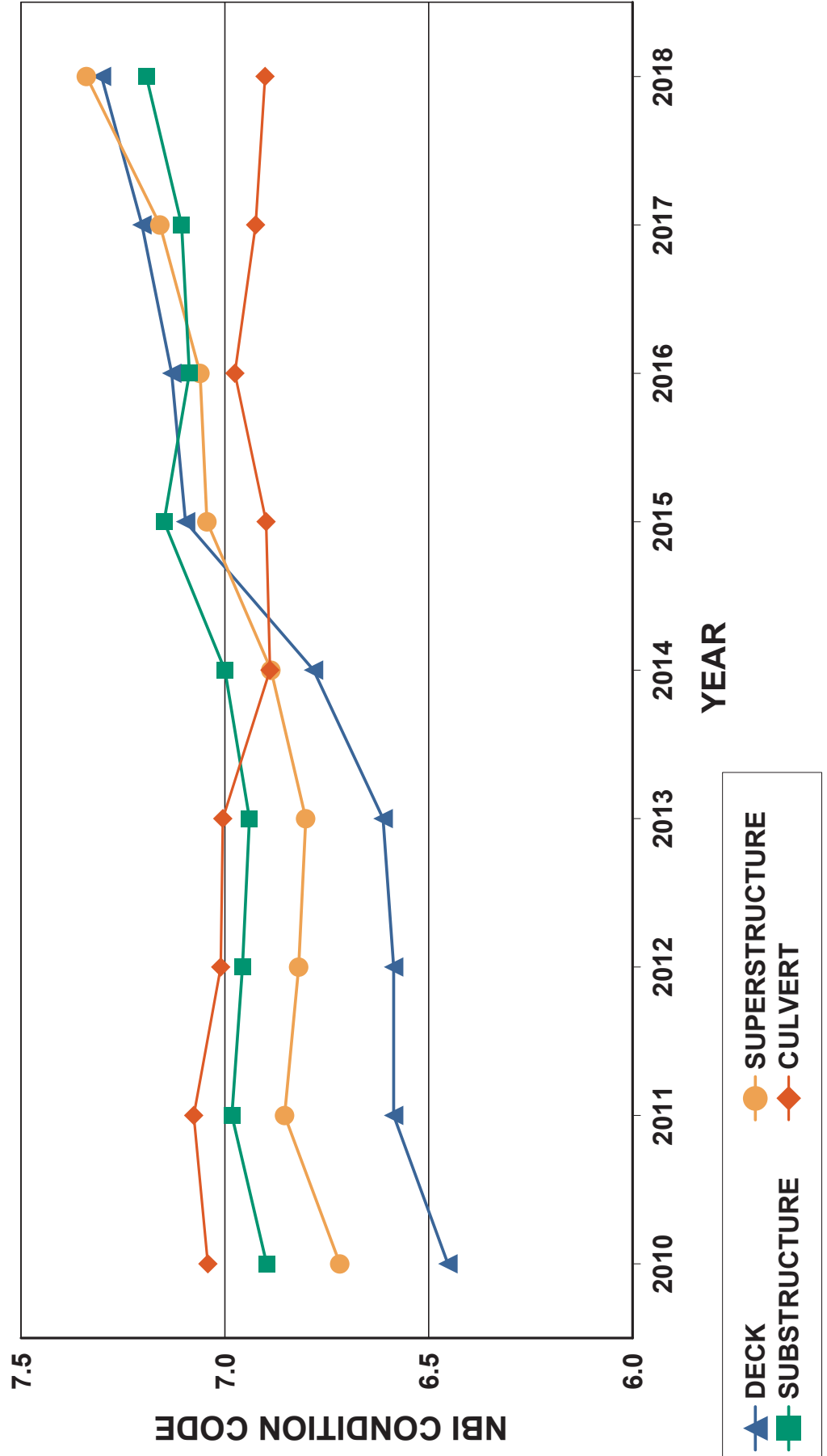
2018

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
3589	1	CULV	N	N	N	4	4	8					
6294	1	CULV	N	N	N	4	4	8					
9002	1	CULV	N	N	N	4	4	8					
9493	5,558	BRIDGE	6	7	4	N	4	N					
9494	5,558	BRIDGE	7	7	4	N	4	N					
09815	5,814	BRIDGE	6	6	4	N	4	8					
09816	5,814	BRIDGE	6	6	4	N	4	8					
09817	4,391	BRIDGE	6	6	4	N	4	8					
31001	6,852	BRIDGE	5	4	5	N	4	7					
31020	11,443	BRIDGE	7	7	4	N	4	N					
69035	18,405	BRIDGE	5	5	4	N	4	N					
69082	6,798	BRIDGE	7	5	4	N	4	N					
69802C	58,567	BRIDGE	7	4	6	N	4	N					
6544	47,218	BRIDGE							2	N	3	5	9
9395	20,487	BRIDGE							3	N	8	6	8
9468	9,535	BRIDGE							3	7	8	6	N
31004	2,765	BRIDGE							5	3	4	6	N
69801H	8,985	BRIDGE							3	3	8	7	N
69820	61,673	BRIDGE							3	5	8	7	N
69821	53,763	BRIDGE							3	4	8	7	N
69824	36,754	BRIDGE							5	3	8	5	N
69826	8,175	BRIDGE							4	3	8	7	N
69827	7,048	BRIDGE							5	3	8	6	N
69834	12,327	BRIDGE							2	5	8	6	N
69839	10,700	BRIDGE							3	4	8	5	N
69870	39,294	BRIDGE							2	3	7	7	8
69882A	7,746	BRIDGE							3	N	8	7	N
69882B	5,803	BRIDGE							2	N	8	7	N
69887A	15,916	BRIDGE							3	N	8	6	N
90249	31,560	BRIDGE							2	N	5	5	8
DEFICIENT SUMMARY			STRUCTURALLY DEFICIENT SUMMARY						FUNCTIONALLY OBSOLETE SUMMARY				
APR. 2017 TOTAL DEF 27			APR. 2017 TOTAL SD 12						APR. 2017 TOTAL FO 15				
DEF REPL/REM IN 2017 4			SD REPL/REM IN 2017 3						FO REPL/REM IN 2017 1				
BECAME DEF IN 2017 7			BECAME SD IN 2017 4						BECAME FO IN 2017 3				
APR. 2018 TOTAL DEF 30			APR. 2018 TOTAL SD 13						APR. 2018 TOTAL FO 17				

DISTRICT 2 BRIDGE CONDITION HISTORY TRUNK HIGHWAY PRINCIPAL ARTERIALS ALL STRUCTURES OVER 20 FT 2018



DISTRICT 2 TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



DISTRICT 2 TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD/SATIS	64.1	73.0	73.7	74.9	73.7	>=84%	77.2	78.8	77.6	79.6	81.2	>=80%	71.3	76.2	75.9	77.5	77.8
FAIR/ POOR	35.9	27.0	26.3	25.1	26.3	<=16%	22.8	21.2	22.4	20.4	18.8	<=20%	28.7	23.8	24.1	22.5	22.2
GOOD	39.6	38.0	38.6	40.7	39.7	>=55%	46.1	47.7	47.1	50.1	52.8	>=50%	43.1	43.3	43.3	45.8	46.9
POOR (SD)	12.6	12.6	10.1	10.1	10.5	<2%	1.8	1.4	1.5	0.5	0.2	<8%	6.7	6.5	5.4	4.9	4.8

GEOMETRIC RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD	73.8	76.6	72.5	73.8	73.8	>=50%	65.7	67.1	66.2	66.6	80.0	>=50%	69.2	71.1	68.9	69.7	77.4
FAIR/SATIS	22.6	19.8	22.4	16.4	16.4		33.8	32.4	33.3	33.4	20.0		29.0	27.1	28.6	26.1	18.4
POOR (FO)	3.6	3.6	5.1	9.8	9.8	<5%	0.5	0.5	0.5	0.0	0.0	<5%	1.8	1.8	2.5	4.2	4.2

LOAD CARRYING CAPACITY RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
HS25	28.4	28.4	28.1	28.1	28.0	>=50%	27.8	27.8	27.0	26.2	25.9	>=40%	28.1	28.0	27.5	27.0	26.8
ACCEPT	55.6	57.1	57.5	57.5	57.3		48.6	49.4	50.5	51.3	52.1		51.7	53.0	53.7	54.2	54.5
PERMIT	14.5	14.5	14.4	14.4	14.7		23.6	22.8	22.5	22.5	22.0		19.5	19.0	18.8	18.8	18.7
POST/SIGN	1.5	0.0	0.0	0.0	0.0	0%	0.0	0.0	0.0	0.0	0.0	0%	0.7	0.0	0.0	0.0	0.0

DISTRICT 2 TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	52	597,984	73.7	>= 84%	127	799,154	81.2	>= 80%	179	1,397,138	77.8
FAIR/POOR	14	213,108	26.3	<= 16%	21	184,763	18.8	<= 20%	35	397,870	22.2
TOTAL	66	811,092	100.0		148	983,916	100.0		214	1,795,008	100.0
GOOD	24	322,395	39.7	>= 55%	97	519,595	52.8	>= 50%	121	841,989	46.9
POOR (SD)	1	84,865	10.5	< 2%	1	1,615	0.2	< 8%	2	86,480	4.8

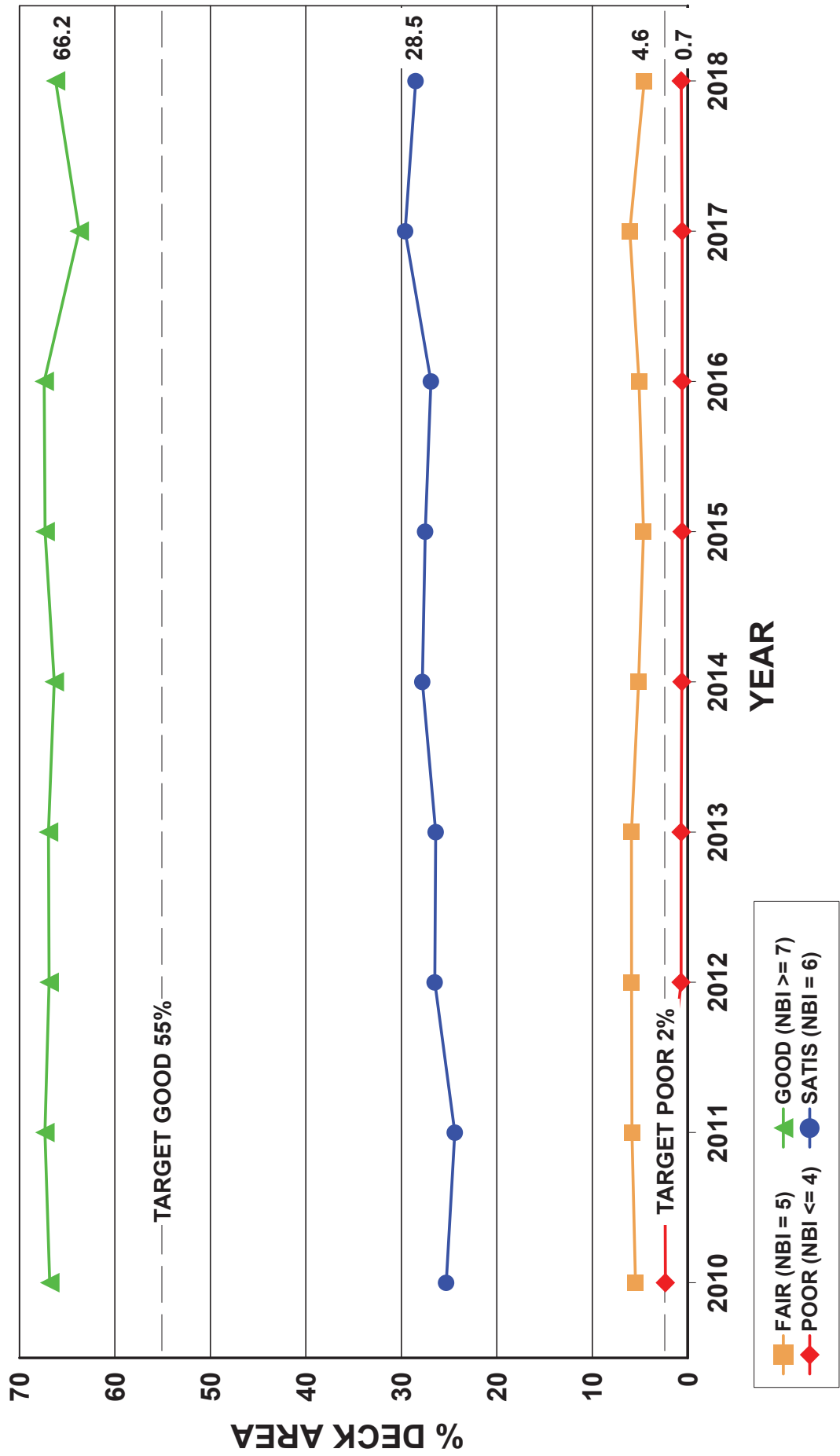
GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	47	535,714	73.8	>= 50%	124	786,015	80.0	>= 50%	171	1,321,729	77.4
FAIR/SATIS	15	119,230	16.4		23	196,287	20.0		38	315,517	18.4
POOR (SD)	3	71,283	9.8	< 5%	0	0	0.0	< 5%	3	71,283	4.2
TOTAL	65	726,227			147	982,302			212	1,708,529	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	19	226,890	28.0	>= 50%	41	254,929	25.9	>= 40%	60	481,820	26.8
ACCEPT	45	465,284	57.3		102	512,289	52.1		147	977,572	54.5
PERMIT	2	118,918	14.7		5	216,698	22.0		7	335,616	18.7
POST/SIGN	0	0	0.0	0%	0	0	0.0	0%	0	0	0.0
TOTAL	66	811,092			148	983,916			214	1,795,008	

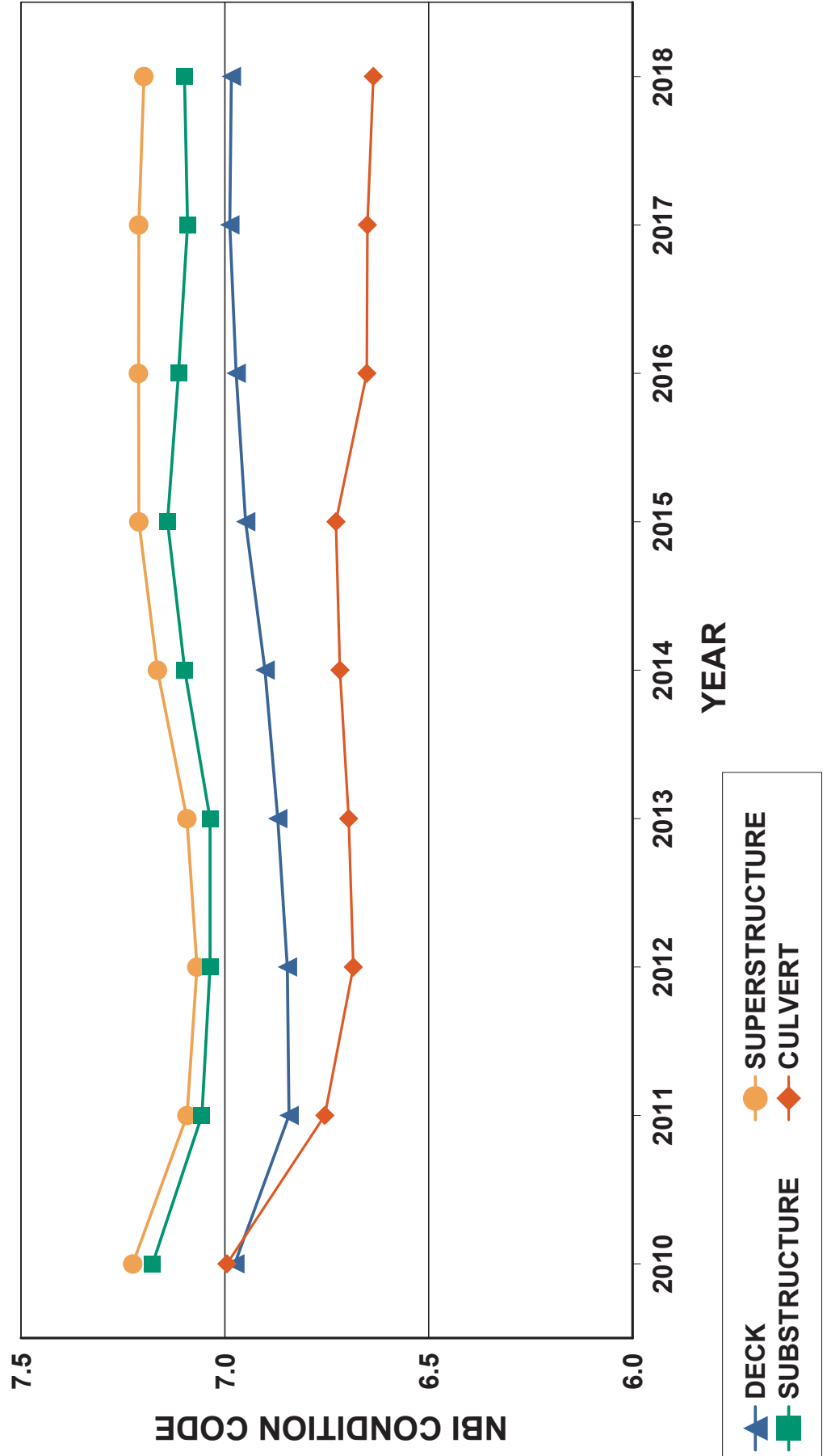
DISTRICT 2 DEFICIENT BRIDGE LIST ALL STRUCTURES OVER 20 FT 2018

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE					
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ	
6256	1	CULV	N	N	N	4	4	7						
9090	84,865	BRIDGE	5	6	4	N	4	6						
4700	24,887	BRIDGE							5	N	6	4	3	
9412	34,053	BRIDGE							4	N	3	5	8	
04023	12,343	BRIDGE							3	5	8	6	N	
DEFICIENT SUMMARY			STRUCTURALLY DEFICIENT SUMMARY						FUNCTIONALLY OBSOLETE SUMMARY					
APR. 2017 TOTAL DEF			6		APR. 2017 TOTAL SD			3		APR. 2017 TOTAL FO			3	
DEF REPL/REM IN 2017			1		SD REPL/REM IN 2017			1		FO REPL/REM IN 2017			0	
BECAME DEF IN 2017			0		BECAME SD IN 2017			0		BECAME FO IN 2017			0	
APR. 2018 TOTAL DEF			5		APR. 2018 TOTAL SD			2		APR. 2018 TOTAL FO			3	

DISTRICT 3 BRIDGE CONDITION HISTORY TRUNK HIGHWAY PRINCIPAL ARTERIALS ALL STRUCTURES OVER 20 FT 2018



DISTRICT 3 TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



DISTRICT 3 TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD/SATIS	94.2	94.7	94.3	93.3	94.7	>=84%	95.4	95.3	97.1	95.4	95.1	>=80%	94.4	94.8	94.6	93.6	94.8
FAIR/ POOR	5.8	5.3	5.7	6.7	5.3	<=16%	4.6	4.7	2.9	4.6	4.9	<=20%	5.6	5.2	5.4	6.4	5.2
GOOD	66.4	67.3	67.4	63.7	66.2	>=55%	80.3	79.7	80.7	79.4	78.0	>=50%	68.1	68.8	69.0	65.6	67.6
POOR (SD)	0.6	0.6	0.6	0.6	0.7	<2%	0.0	0.0	0.0	0.0	0.0	<8%	0.5	0.5	0.5	0.5	0.6

GEOMETRIC RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD	71.5	70.7	70.0	70.9	70.1	>=50%	81.5	80.9	82.6	82.5	82.6	>=50%	72.7	71.9	71.5	72.3	71.6
FAIR/SATIS	26.3	27.2	27.9	27.0	28.0		18.2	18.8	17.1	17.2	17.1		25.4	26.2	26.6	25.9	26.7
POOR (FO)	2.2	2.1	2.1	2.1	1.9	<5%	0.3	0.3	0.3	0.3	0.3	<5%	1.9	1.9	1.9	1.8	1.7

LOAD CARRYING CAPACITY RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
HS25	38.9	37.6	37.3	33.6	33.2	>=50%	44.7	44.0	43.8	39.1	39.1	>=40%	39.6	38.3	38.0	34.3	33.9
ACCEPT	58.1	59.5	59.8	63.5	63.9		52.4	54.1	55.7	60.4	60.4		57.4	58.9	59.3	63.1	63.5
PERMIT	3.0	2.9	2.9	2.9	2.9		2.4	1.4	0.3	0.3	0.3		2.9	2.7	2.6	2.6	2.6
POST/SIGN	0.0	0.0	0.0	0.0	0.0	0%	0.5	0.5	0.2	0.2	0.2	0%	0.1	0.1	0.1	0.0	0.0

DISTRICT 3 TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	247	2,886,975	94.7	>= 84%	76	388,362	95.1	>= 80%	323	3,275,337	94.8
FAIR/POOR	15	160,099	5.3	<= 16%	9	19,986	4.9	<= 20%	24	180,085	5.2
TOTAL	262	3,047,074	100.0		85	408,348	100.0		347	3,455,422	100.0
GOOD	168	2,017,551	66.2	>= 55%	53	318,491	78.0	>= 50%	221	2,336,042	67.6
POOR (SD)	2	20,972	0.7	< 2%	0	0	0.0	< 8%	2	20,972	0.6

GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	202	2,122,233	70.1	>= 50%	68	337,489	82.6	>= 50%	270	2,459,722	71.6
FAIR/SATIS	56	846,327	28.0		16	69,590	17.1		72	915,917	26.7
POOR (SD)	2	57,542	1.9	< 5%	1	1,269	0.3	< 5%	3	58,811	1.7
TOTAL	260	3,026,102			85	408,348			345	3,434,450	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	86	1,011,836	33.2	>= 50%	29	159,800	39.1	>= 40%	115	1,171,637	33.9
ACCEPT	171	1,948,347	63.9		54	246,329	60.4		225	2,194,677	63.5
PERMIT	5	86,890	2.9		1	1,269	0.3		6	88,159	2.6
POST/SIGN	0	0	0.0	0%	1	949	0.2	0%	1	949	0.0
TOTAL	262	3,047,073			85	408,347			347	3,455,422	

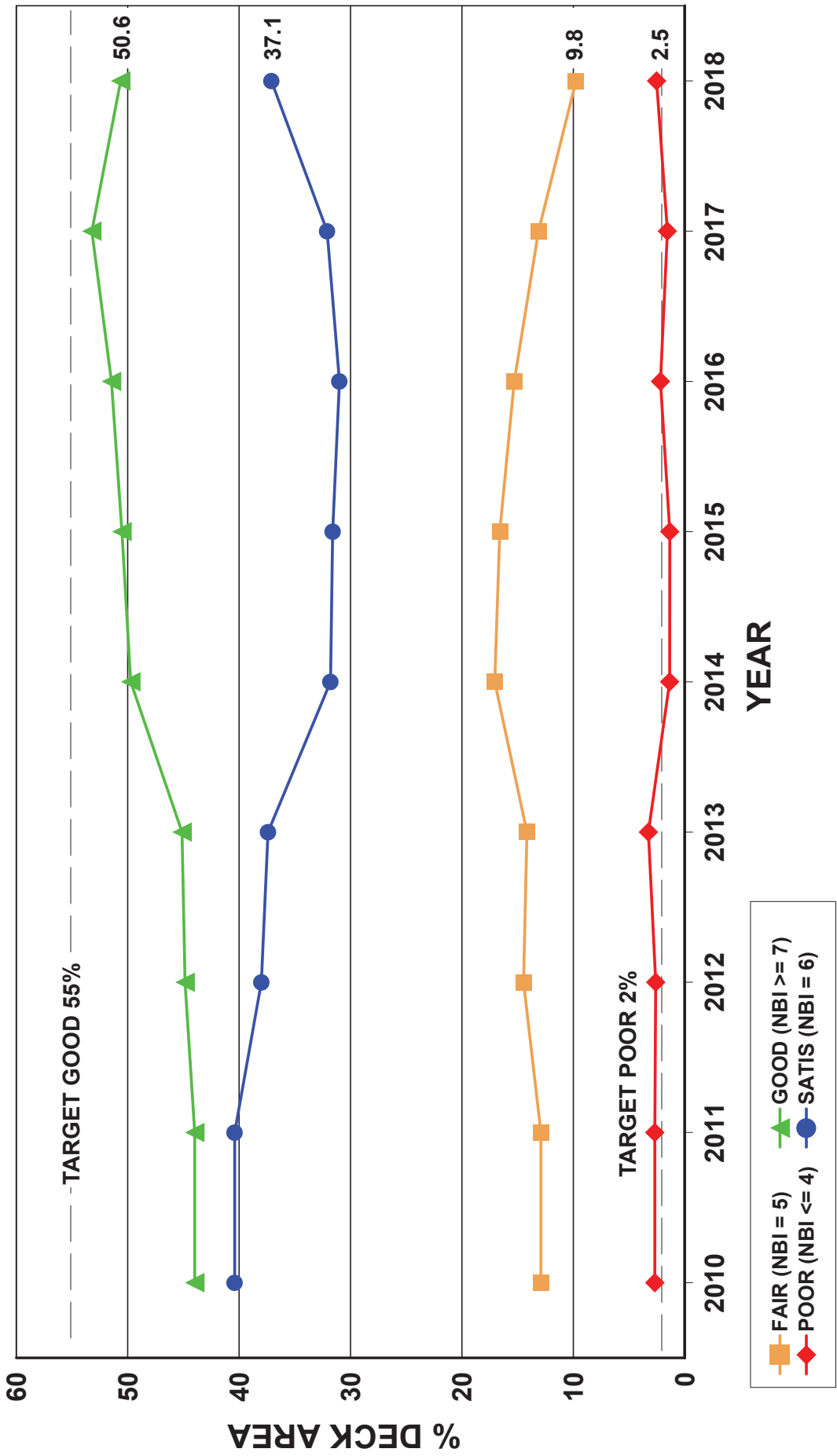
DISTRICT 3 DEFICIENT BRIDGE LIST

ALL STRUCTURES OVER 20 FT

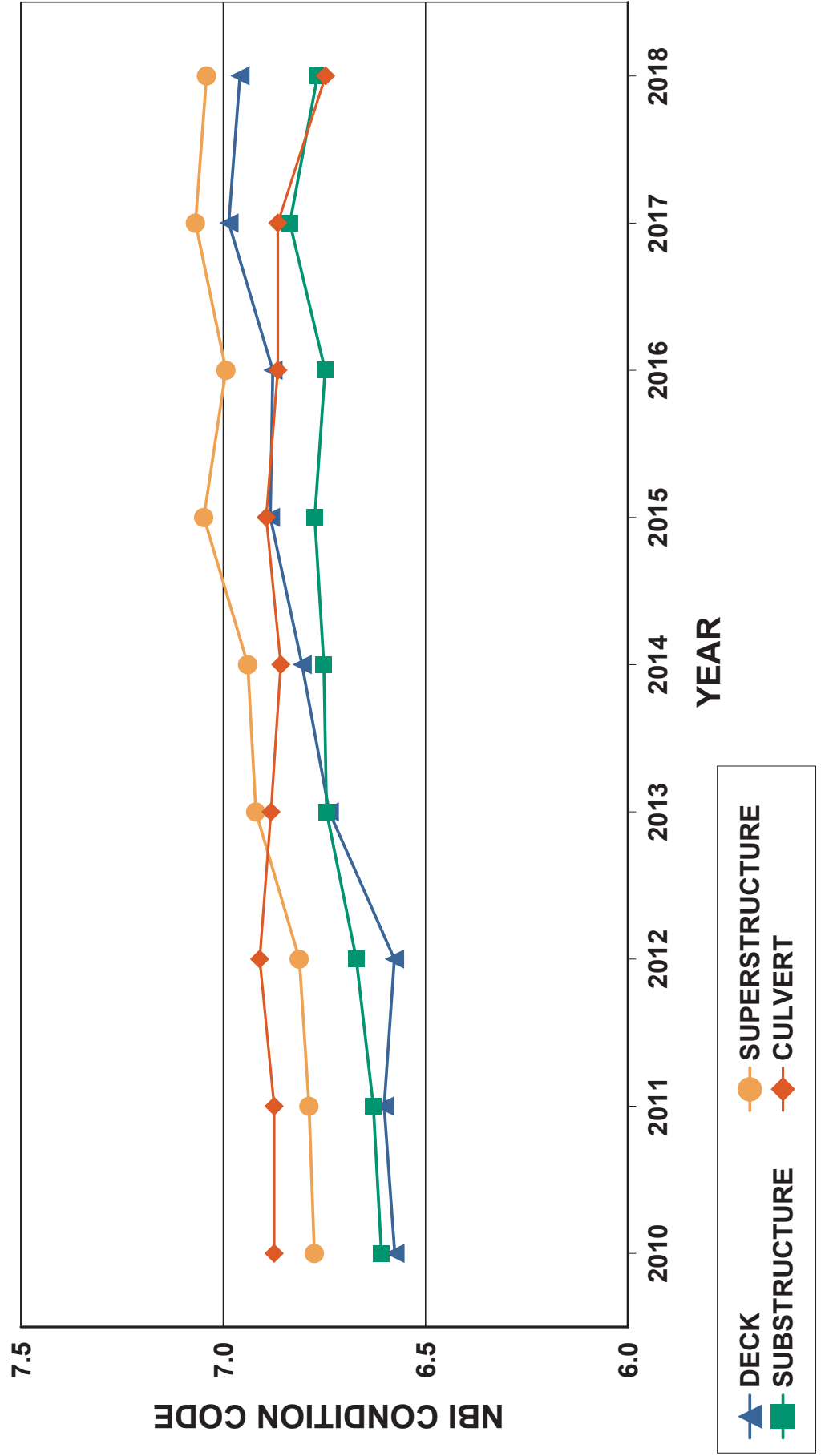
2018

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE					
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ	
5955	16,867	BRIDGE	6	4	5	N	4	8						
6852	4,105	BRIDGE	4	5	7	N	5	8						
5060	49,817	BRIDGE							3	N	8	6	8	
6499	1,269	BRIDGE							3	N	5	5	7	
71001	7,725	BRIDGE							3	5	8	6	N	
DEFICIENT SUMMARY			STRUCTURALLY DEFICIENT SUMMARY						FUNCTIONALLY OBSOLETE SUMMARY					
APR. 2017 TOTAL DEF			6		APR. 2017 TOTAL SD			2		APR. 2017 TOTAL FO			4	
DEF REPL/REM IN 2017			2		SD REPL/REM IN 2017			1		FO REPL/REM IN 2017			1	
BECAME DEF IN 2017			1		BECAME SD IN 2017			1		BECAME FO IN 2017			0	
APR. 2018 TOTAL DEF			5		APR. 2018 TOTAL SD			2		APR. 2018 TOTAL FO			3	

DISTRICT 4 BRIDGE CONDITION HISTORY TRUNK HIGHWAY PRINCIPAL ARTERIALS ALL STRUCTURES OVER 20 FT 2018



DISTRICT 4 TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



DISTRICT 4 TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD/SATIS	81.6	82.0	82.5	85.3	87.7	>=84%	83.7	85.8	86.3	87.7	87.7	>=80%	82.0	82.9	83.4	85.8	87.7
FAIR/ POOR	18.4	18.0	17.5	14.7	12.3	<=16%	16.3	14.2	13.7	12.3	12.3	<=20%	18.0	17.1	16.6	14.2	12.3
GOOD	49.7	50.5	51.5	53.2	50.6	>=55%	71.5	76.3	76.2	77.9	76.2	>=50%	53.9	56.3	57.0	58.9	56.5
POOR (SD)	1.4	1.3	2.2	1.6	2.5	<2%	4.0	1.1	0.4	0.0	0.0	<8%	1.9	1.3	1.8	1.2	2.0

GEOMETRIC RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD	42.3	43.2	43.5	45.1	44.7	>=50%	82.0	84.1	84.0	85.2	86.7	>=50%	49.8	52.3	52.7	54.4	54.6
FAIR/SATIS	51.7	56.5	56.5	54.9	55.3		17.4	15.4	15.5	14.3	12.8		45.2	47.3	47.2	45.5	45.3
POOR (FO)	6.0	0.3	0.0	0.0	0.0	<5%	0.6	0.5	0.5	0.5	0.5	<5%	5.0	0.4	0.1	0.1	0.1

LOAD CARRYING CAPACITY RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
HS25	32.7	32.4	32.2	27.5	27.4	>=50%	40.4	33.3	32.8	31.7	31.7	>=40%	34.2	32.6	32.3	28.4	28.4
ACCEPT	46.6	47.5	47.8	58.4	59.0		52.5	61.9	62.5	64.1	64.8		47.7	50.8	51.2	59.8	60.3
PERMIT	20.2	19.6	19.5	13.6	13.1		6.7	4.4	4.3	4.2	3.5		17.6	16.2	16.1	11.4	10.9
POST/SIGN	0.5	0.5	0.5	0.5	0.5	0%	0.4	0.4	0.4	0.0	0.0	0%	0.5	0.4	0.4	0.4	0.4

DISTRICT 4 TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	119	1,224,016	87.7	>= 84%	86	365,018	87.7	>= 80%	205	1,589,034	87.7
FAIR/POOR	21	171,683	12.3	<= 16%	12	51,142	12.3	<= 20%	33	222,825	12.3
TOTAL	140	1,395,699	100.0		98	416,160	100.0		238	1,811,859	100.0
GOOD	68	706,672	50.6	>= 55%	64	317,186	76.2	>= 50%	132	1,023,858	56.5
POOR (SD)	4	35,361	2.5	< 2%	0	0	0.0	< 8%	4	35,361	2.0

GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	76	608,505	44.7	>= 50%	84	360,743	86.7	>= 50%	160	969,248	54.6
FAIR/SATIS	60	751,833	55.3		13	53,505	12.8		73	805,338	45.3
POOR (SD)	0	0	0.0	< 5%	1	1,912	0.5	< 5%	1	1,912	0.1
TOTAL	136	1,360,338			98	416,160			234	1,776,498	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	28	382,884	27.4	>= 50%	20	131,909	31.7	>= 40%	48	514,794	28.4
ACCEPT	93	823,106	59.0		73	269,753	64.8		166	1,092,859	60.3
PERMIT	17	183,300	13.1		5	14,498	3.5		22	197,798	10.9
POST/SIGN	2	6,408	0.5	0%	0	0	0.0	0%	2	6,408	0.4
TOTAL	140	1,395,698			98	416,160			238	1,811,859	

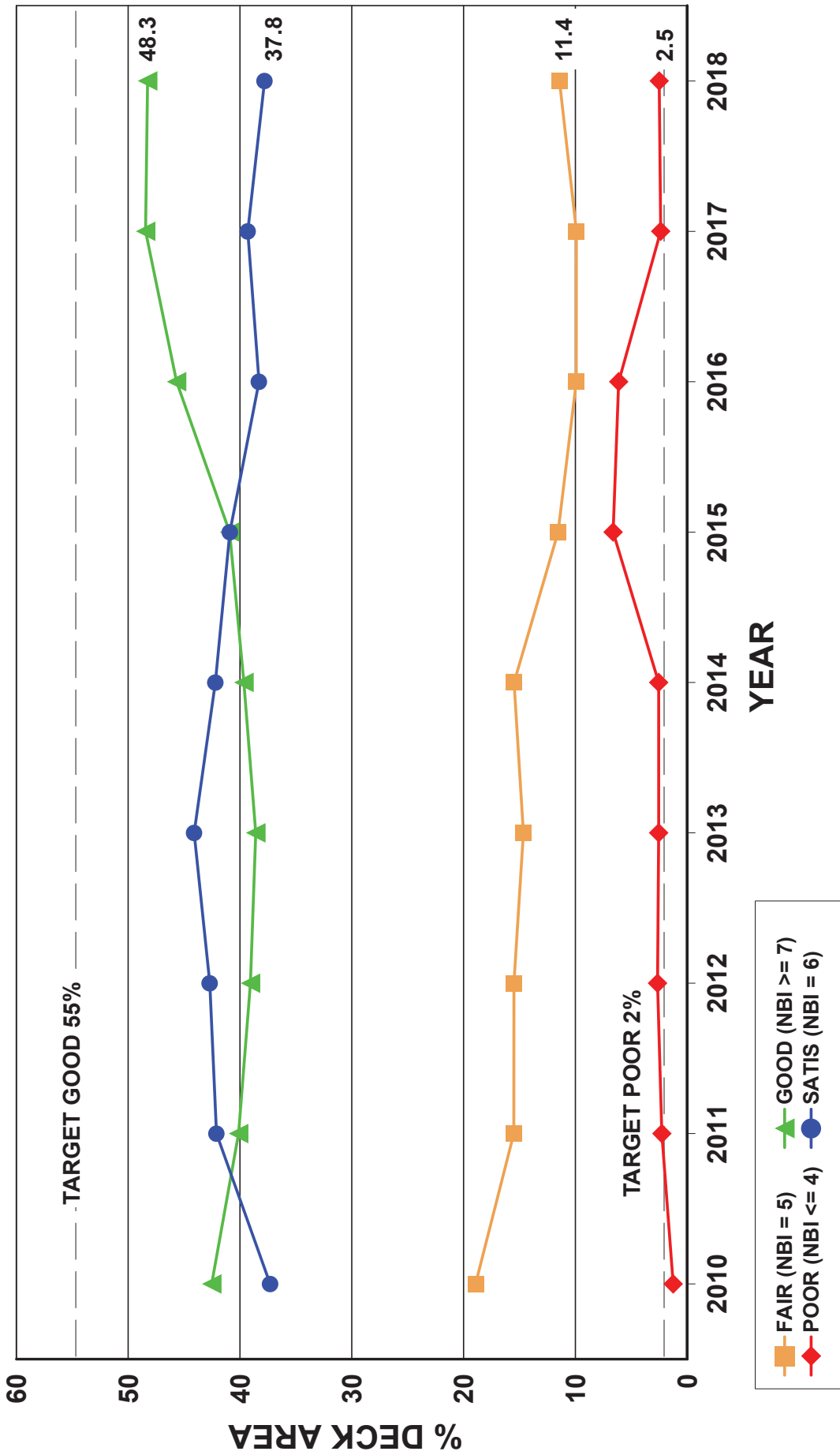
DISTRICT 4 DEFICIENT BRIDGE LIST

ALL STRUCTURES OVER 20 FT

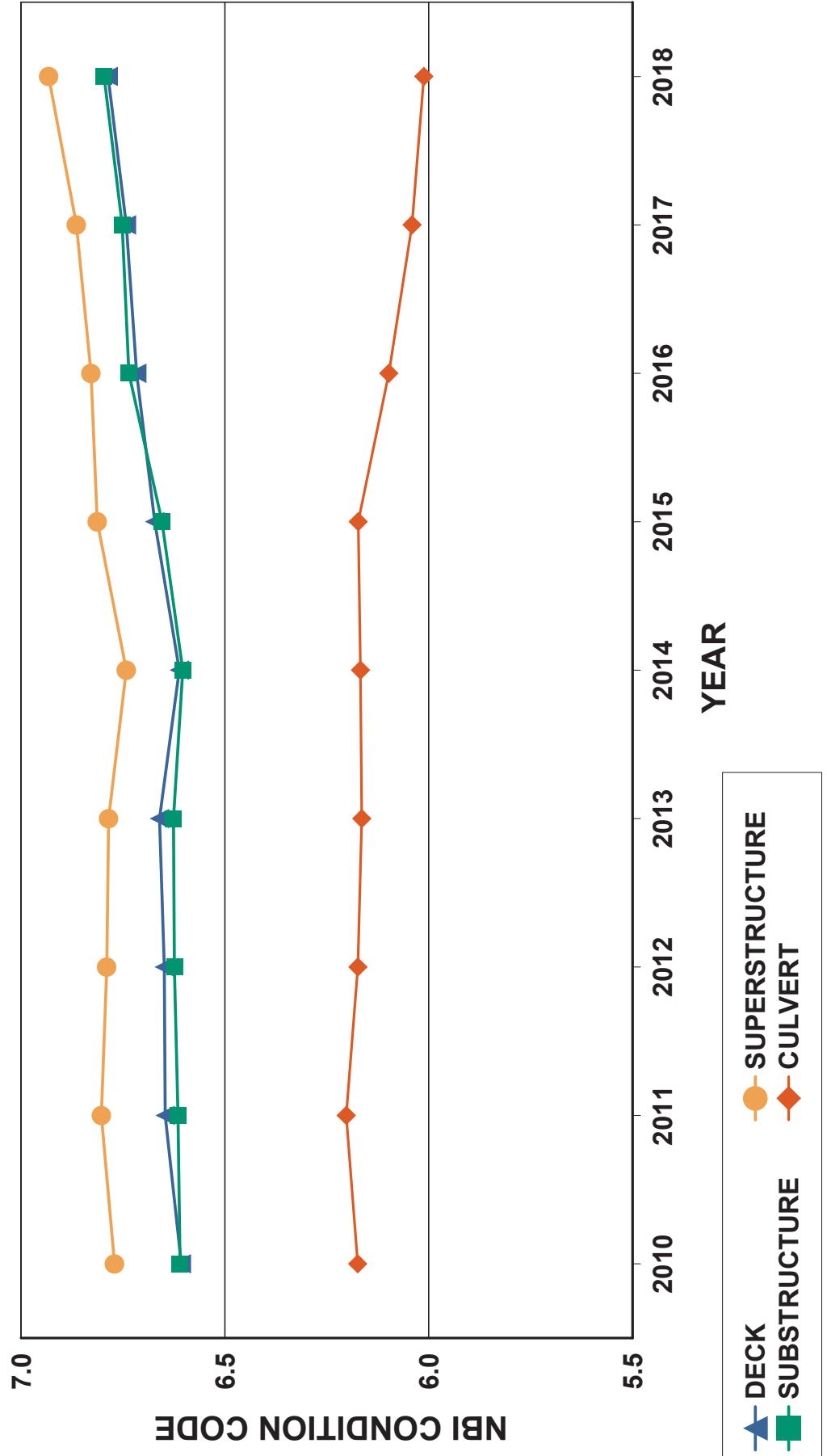
2018

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE							
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ			
9697	9,393	BRIDGE	6	5	4	N	4	N								
9876	7,480	BRIDGE	6	4	6	N	4	N								
21805	5,179	BRIDGE	4	6	6	N	6	8								
56804	13,309	BRIDGE	7	6	4	N	4	N								
97023	1	CULV							N	N	8	8	3			
DEFICIENT SUMMARY			STRUCTURALLY DEFICIENT SUMMARY						FUNCTIONALLY OBSOLETE SUMMARY							
APR. 2017 TOTAL DEF			4			APR. 2017 TOTAL SD			3			APR. 2017 TOTAL FO			1	
DEF REPL/REM IN 2017			2			SD REPL/REM IN 2017			2			FO REPL/REM IN 2017			0	
BECAME DEF IN 2017			3			BECAME SD IN 2017			3			BECAME FO IN 2017			0	
APR. 2018 TOTAL DEF			5			APR. 2018 TOTAL SD			4			APR. 2018 TOTAL FO			1	

DISTRICT 6 BRIDGE CONDITION HISTORY TRUNK HIGHWAY PRINCIPAL ARTERIALS ALL STRUCTURES OVER 20 FT 2018



DISTRICT 6 TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



DISTRICT 6 TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD/SATIS	82.0	81.8	83.9	87.7	86.1	>=84%	89.3	89.4	89.8	90.0	90.3	>=80%	83.6	83.5	85.2	88.2	87.0
FAIR/ POOR	18.0	18.2	16.1	12.3	13.9	<=16%	10.7	10.6	10.2	10.0	9.7	<=20%	16.4	16.5	14.8	11.8	13.0
GOOD	39.7	40.9	45.7	48.4	48.3	>=55%	58.6	58.1	57.1	58.2	58.6	>=50%	44.0	44.8	48.1	50.6	50.5
POOR (SD)	2.6	6.6	6.1	2.4	2.5	<2%	1.1	0.8	1.0	0.9	0.9	<8%	2.2	5.3	5.0	2.0	2.1

GEOMETRIC RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD	56.2	57.6	60.2	58.0	58.2	>=50%	78.9	79.4	81.4	80.8	80.9	>=50%	61.4	62.8	65.0	63.1	63.2
FAIR/SATIS	40.2	38.4	34.3	37.2	37.4		20.3	19.8	17.9	18.9	18.9		35.7	34.0	30.6	33.2	33.4
POOR (FO)	3.6	4.0	5.5	4.8	4.4	<5%	0.8	0.8	0.7	0.3	0.2	<5%	2.9	3.2	4.4	3.7	3.4

LOAD CARRYING CAPACITY RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
HS25	27.0	26.7	24.5	24.5	24.5	>=50%	37.8	38.1	37.2	36.2	36.0	>=40%	29.5	29.3	27.2	27.1	27.0
ACCEPT	62.0	58.6	62.2	66.3	66.8		55.2	55.7	57.6	59.3	59.9		60.4	58.0	61.2	64.8	65.3
PERMIT	9.2	12.9	11.6	7.5	7.0		5.7	5.3	4.4	4.1	3.8		8.4	11.1	10.1	6.7	6.3
POST/SIGN	1.8	1.8	1.7	1.7	1.7	0%	1.3	0.9	0.8	0.4	0.3	0%	1.7	1.6	1.5	1.4	1.4

DISTRICT 6 TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	325	3,981,686	86.1	>= 84%	212	1,184,470	90.3	>= 80%	537	5,166,156	87.0
FAIR/POOR	54	644,725	13.9	<= 16%	42	127,772	9.7	<= 20%	96	772,497	13.0
TOTAL	379	4,626,411	100.0		254	1,312,242	100.0		633	5,938,653	100.0
GOOD	156	2,232,937	48.3	>= 55%	106	768,495	58.6	>= 50%	262	3,001,431	50.5
POOR (SD)	6	115,886	2.5	< 2%	3	11,578	0.9	< 8%	9	127,464	2.1

GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	222	2,623,846	58.2	>= 50%	191	1,051,607	80.9	>= 50%	413	3,675,453	63.2
FAIR/SATIS	135	1,689,150	37.4		59	246,988	18.9		194	1,936,138	33.4
POOR (SD)	16	197,528	4.4	< 5%	1	2,069	0.2	< 5%	17	199,597	3.4
TOTAL	373	4,510,525			251	1,300,664			624	5,811,188	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	90	1,132,769	24.5	>= 50%	59	472,602	36.0	>= 40%	149	1,605,371	27.0
ACCEPT	262	3,089,933	66.8		186	786,329	59.9		448	3,876,262	65.3
PERMIT	26	325,097	7.0		7	49,772	3.8		33	374,869	6.3
POST/SIGN	1	78,611	1.7	0%	2	3,539	0.3	0%	3	82,150	1.4
TOTAL	379	4,626,410			254	1,312,242			633	5,938,652	

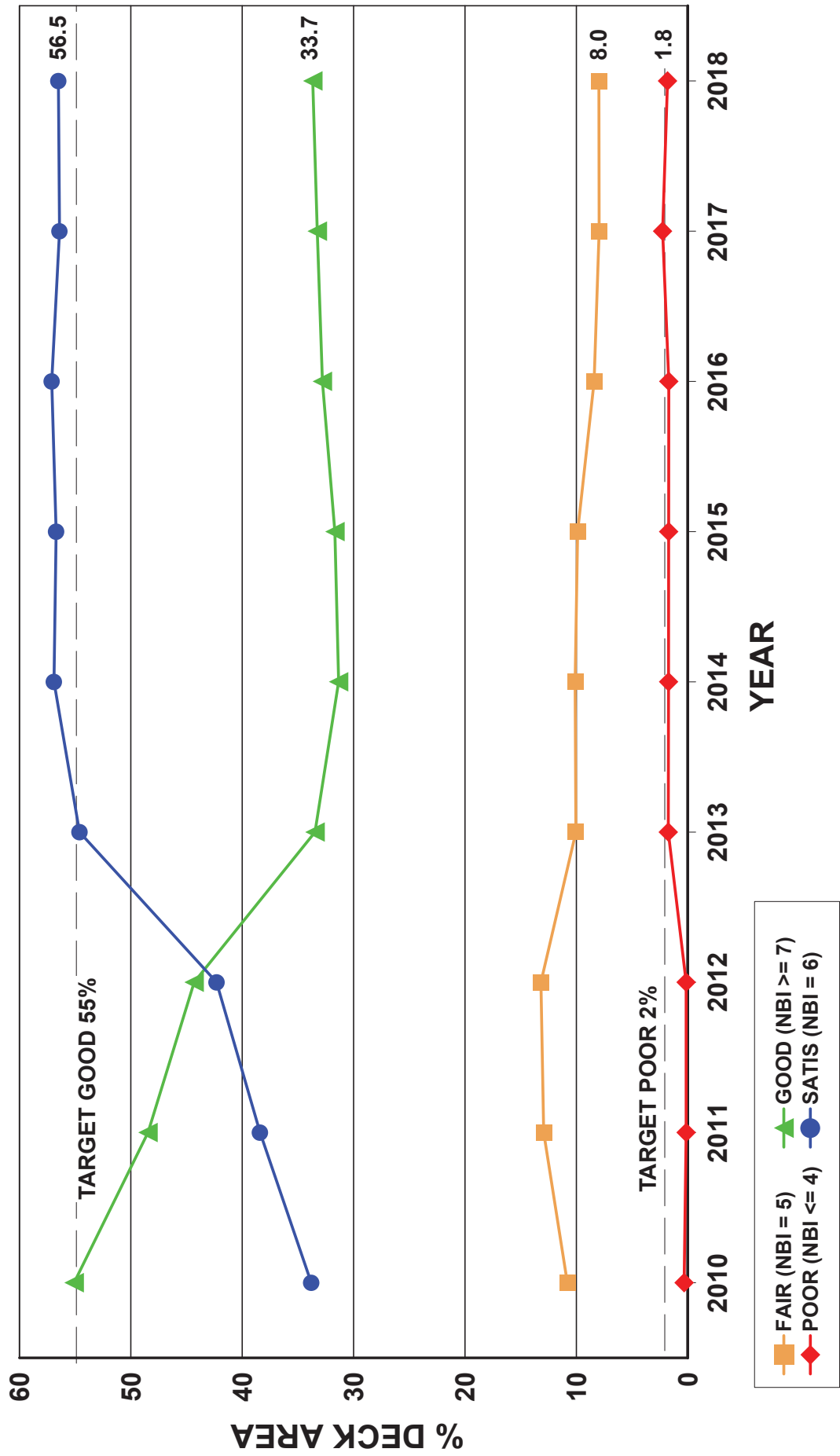
DISTRICT 6 DEFICIENT BRIDGE LIST

ALL STRUCTURES OVER 20 FT

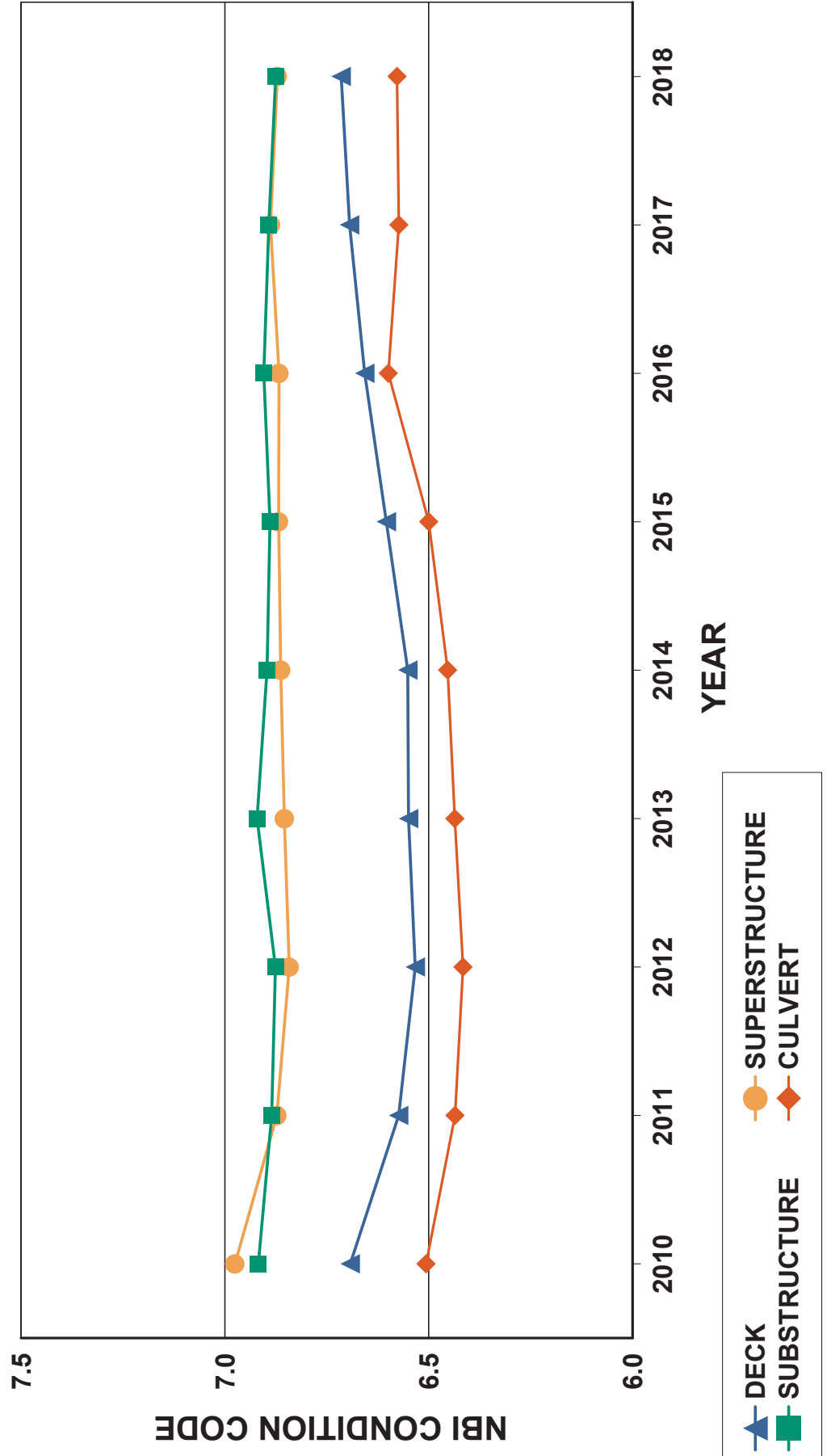
2018

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
5900	78,611	BRIDGE	5	4	5	N	0	8					
8489	1	CULV	N	N	N	4	4	8					
9009	8,617	BRIDGE	4	6	5	N	5	8					
9201	6,744	BRIDGE	4	6	6	N	6	N					
9506	7,136	BRIDGE	4	6	6	N	6	N					
9507	7,948	BRIDGE	4	4	5	N	4	N					
9859	8,429	BRIDGE	4	6	6	N	6	N					
74821	7,018	BRIDGE	6	3	6	N	3	N					
85002	1,040	BRIDGE	5	5	4	N	4	4					
5194	2,069	BRIDGE							5	3	8	6	N
5722	1	CULV							N	N	8	5	3
9180	9,195	BRIDGE							4	3	8	5	N
9504	6,617	BRIDGE							5	3	8	5	N
9659	5,914	BRIDGE							3	4	8	6	N
9680	8,140	BRIDGE							6	3	8	7	N
9889	10,088	BRIDGE							7	3	8	6	N
9890	10,088	BRIDGE							3	3	8	6	N
24809	12,118	BRIDGE							9	3	8	6	N
25028	6,118	BRIDGE							9	3	8	8	N
50803	8,550	BRIDGE							3	5	8	5	N
50807	12,319	BRIDGE							9	3	8	7	N
55011	16,083	BRIDGE							6	3	8	7	N
74005	6,919	BRIDGE							3	4	8	6	N
85013	5,756	BRIDGE							9	3	8	8	N
85805	23,500	BRIDGE							9	3	6	7	N
85849	52,872	BRIDGE							8	3	8	8	N
DEFICIENT SUMMARY			STRUCTURALLY DEFICIENT SUMMARY						FUNCTIONALLY OBSOLETE SUMMARY				
APR. 2017 TOTAL DEF 27			APR. 2017 TOTAL SD 9						APR. 2017 TOTAL FO 18				
DEF REPL/REM IN 2017 7			SD REPL/REM IN 2017 3						FO REPL/REM IN 2017 4				
BECAME DEF IN 2017 6			BECAME SD IN 2017 3						BECAME FO IN 2017 3				
APR. 2018 TOTAL DEF 26			APR. 2018 TOTAL SD 9						APR. 2018 TOTAL FO 17				

DISTRICT 7 BRIDGE CONDITION HISTORY TRUNK HIGHWAY PRINCIPAL ARTERIALS ALL STRUCTURES OVER 20 FT 2018



DISTRICT 7 TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



DISTRICT 7 TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																		
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL					
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	
GOOD/SATIS	88.2	88.4	89.9	89.8	90.2	>=84%	86.3	88.4	89.9	90.2	92.7	>=80%	87.8	88.4	89.9	89.8	90.6	
FAIR/ POOR	11.8	11.6	10.1	10.2	9.8	<=16%	13.7	11.6	10.1	9.8	7.3	<=20%	12.2	11.6	10.1	10.2	9.4	
GOOD	31.3	31.7	32.8	33.3	33.7	>=55%	44.9	44.8	45.6	41.9	44.3	>=50%	33.7	33.9	35.0	34.7	35.4	
POOR (SD)	1.7	1.7	1.7	2.3	1.8	<2%	1.4	0.3	0.0	2.3	2.2	<8%	1.7	1.5	1.4	2.3	1.9	

GEOMETRIC RATING																		
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL					
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	
GOOD	58.9	58.8	58.4	58.5	56.6	>=50%	57.8	58.7	60.0	64.4	78.7	>=50%	58.7	58.8	58.7	59.4	60.1	
FAIR/SATIS	33.0	33.2	33.0	33.5	34.5		41.2	40.3	39.0	35.6	21.3		34.5	34.4	34.0	33.9	32.4	
POOR (FO)	8.1	8.0	8.6	8.0	8.9	<5%	1.0	1.0	1.0	0.0	0.0	<5%	6.8	6.8	7.3	6.7	7.5	

LOAD CARRYING CAPACITY RATING																		
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL					
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	
HS25	15.5	15.4	15.5	14.0	14.0	>=50%	40.6	40.6	41.0	41.0	40.6	>=40%	19.9	19.8	19.8	18.4	18.3	
ACCEPT	81.7	81.8	81.7	83.2	83.2		53.6	53.6	53.2	53.8	55.8		76.8	76.9	76.9	78.4	78.8	
PERMIT	2.8	2.8	2.8	2.8	2.8		5.8	5.8	5.8	5.2	3.6		3.3	3.3	3.3	3.2	2.9	
POST/SIGN	0.0	0.0	0.0	0.0	0.0	0%	0.0	0.0	0.0	0.0	0.0	0%	0.0	0.0	0.0	0.0	0.0	

DISTRICT 7 TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	214	2,599,406	90.2	>= 84%	93	515,739	92.7	>= 80%	307	3,115,145	90.6
FAIR/POOR	26	282,622	9.8	<= 16%	15	40,408	7.3	<= 20%	41	323,030	9.4
TOTAL	240	2,882,029	100.0		108	556,147	100.0		348	3,438,175	100.0
GOOD	104	970,231	33.7	>= 55%	48	246,432	44.3	>= 50%	152	1,216,663	35.4
POOR (SD)	3	52,551	1.8	< 2%	1	12,512	2.2	< 8%	4	65,063	1.9

GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	152	1,600,758	56.6	>= 50%	80	427,869	78.7	>= 50%	232	2,028,627	60.1
FAIR/SATIS	80	976,810	34.5		27	115,766	21.3		107	1,092,576	32.4
POOR (SD)	5	251,909	8.9	< 5%	0	0	0.0	< 5%	5	251,909	7.5
TOTAL	237	2,829,477			107	543,635			344	3,373,112	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	39	404,785	14.0	>= 50%	29	226,064	40.6	>= 40%	68	630,849	18.3
ACCEPT	193	2,396,675	83.2		77	309,995	55.8		270	2,706,670	78.8
PERMIT	8	80,568	2.8		2	20,088	3.6		10	100,656	2.9
POST/SIGN	0	0	0.0	0%	0	0	0.0	0%	0	0	0.0
TOTAL	240	2,882,028			108	556,147			348	3,438,175	

DISTRICT 7 DEFICIENT BRIDGE LIST

ALL STRUCTURES OVER 20 FT

2018

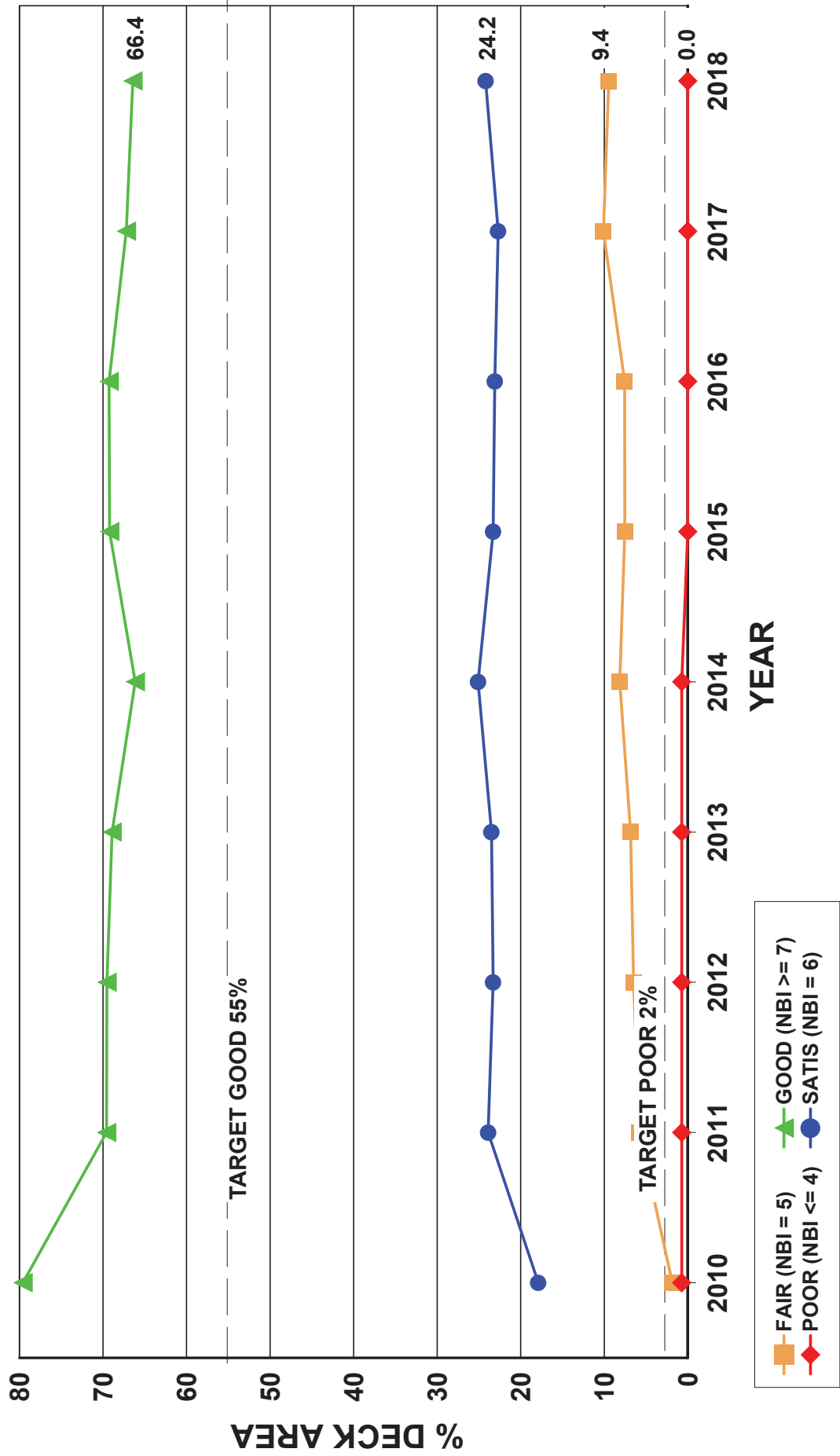
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE					
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ	
4930	12,512	BRIDGE	8	4	8	N	4	4						
9294	41,402	BRIDGE	5	3	5	N	3	N						
52001	3,581	BRIDGE	5	4	6	N	4	3						
53802	7,568	BRIDGE	5	6	4	N	4	N						
9098	216,079	BRIDGE							9	3	8	6	8	
07041	8,800	BRIDGE							9	3	9	7	N	
22819	14,058	BRIDGE							8	3	8	7	N	
52002	4,353	BRIDGE							7	N	8	6	3	
81008	8,619	BRIDGE							8	3	8	7	N	
DEFICIENT SUMMARY			STRUCTURALLY DEFICIENT SUMMARY						FUNCTIONALLY OBSOLETE SUMMARY					
APR. 2017 TOTAL DEF			8		APR. 2017 TOTAL SD			6		APR. 2017 TOTAL FO			2	
DEF REPL/REM IN 2017			3		SD REPL/REM IN 2017			3		FO REPL/REM IN 2017			0	
BECAME DEF IN 2017			4		BECAME SD IN 2017			1		BECAME FO IN 2017			3	
APR. 2018 TOTAL DEF			9		APR. 2018 TOTAL SD			4		APR. 2018 TOTAL FO			5	

DISTRICT 8 BRIDGE CONDITION HISTORY

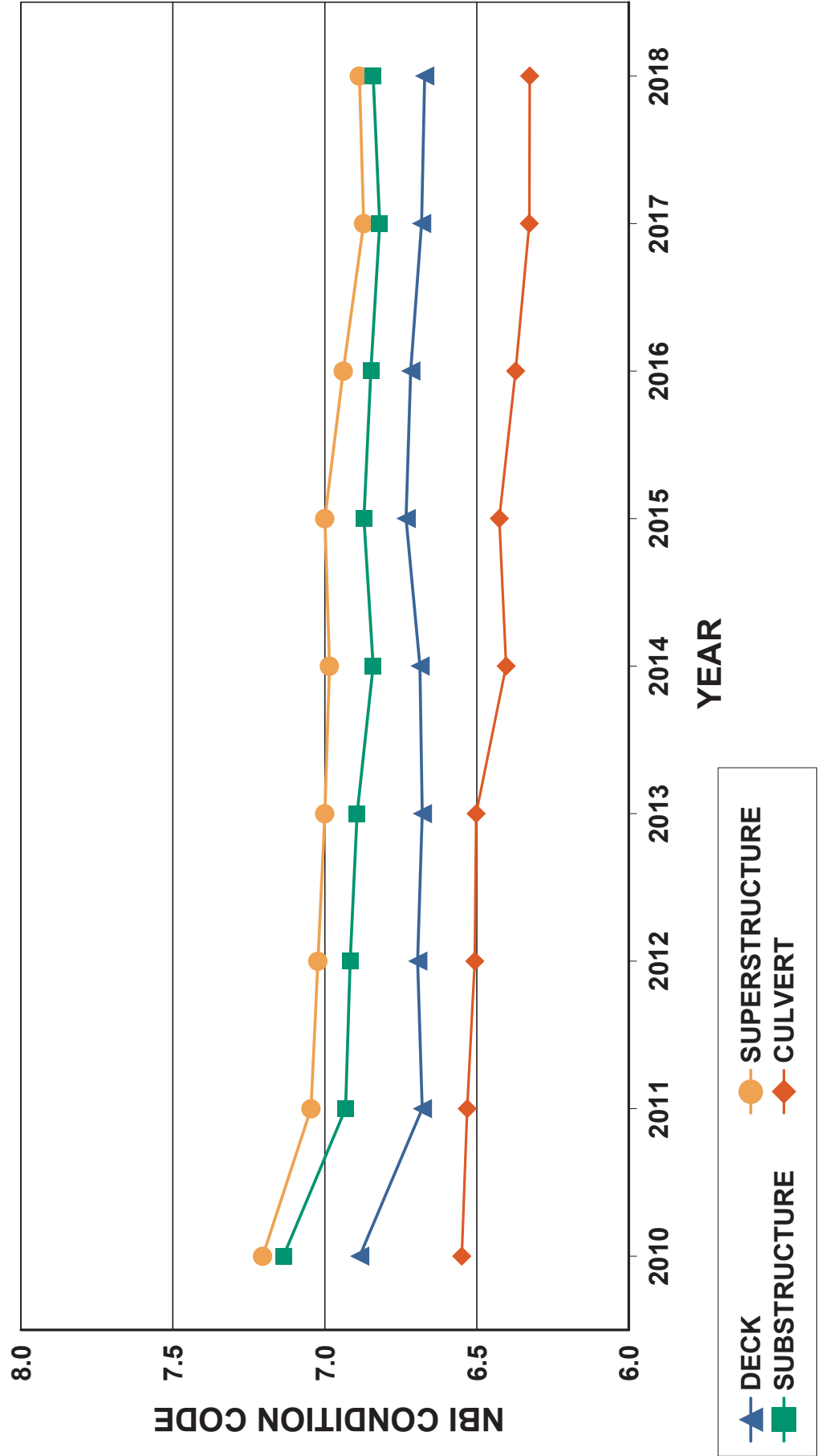
TRUNK HIGHWAY PRINCIPAL ARTERIALS

ALL STRUCTURES OVER 20 FT

2018



DISTRICT 8 TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



DISTRICT 8 TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD/SATIS	91.1	92.5	92.4	89.9	90.6	>=84%	86.9	87.0	86.0	85.6	85.8	>=80%	89.5	90.4	89.9	88.2	88.7
FAIR/ POOR	8.9	7.5	7.6	10.1	9.4	<=16%	13.1	13.0	14.0	14.4	14.2	<=20%	10.5	9.6	10.1	11.8	11.3
GOOD	66.1	69.2	69.3	67.2	66.4	>=55%	67.1	66.9	63.7	59.2	56.5	>=50%	66.5	68.3	67.1	64.2	62.6
POOR (SD)	0.7	0.0	0.0	0.0	0.0	<2%	2.1	2.1	2.0	2.0	1.8	<8%	1.3	0.8	0.8	0.8	0.7

GEOMETRIC RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD	68.9	69.2	72.0	69.8	70.7	>=50%	78.2	78.3	78.1	77.6	78.2	>=50%	72.5	72.7	74.4	72.8	73.6
FAIR/SATIS	29.9	29.6	26.9	29.1	28.8		21.8	21.7	21.9	22.4	21.8		26.8	26.6	24.9	26.5	26.1
POOR (FO)	1.2	1.2	1.1	1.1	0.5	<5%	0.0	0.0	0.0	0.0	0.0	<5%	0.7	0.7	0.7	0.7	0.3

LOAD CARRYING CAPACITY RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
HS25	26.2	26.1	25.5	25.2	22.8	>=50%	26.3	26.4	24.2	24.2	24.2	>=40%	26.3	26.2	25.0	24.8	23.4
ACCEPT	69.4	70.2	70.9	71.2	73.2		65.5	65.4	67.9	67.9	67.9		67.8	68.4	69.7	70.0	71.1
PERMIT	3.7	3.7	3.6	3.6	4.0		5.8	5.8	5.6	5.6	5.6		4.5	4.5	4.4	4.3	4.6
POST/SIGN	0.7	0.0	0.0	0.0	0.0	0%	2.4	2.4	2.3	2.3	2.3	0%	1.4	0.9	0.9	0.9	0.9

DISTRICT 8 TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	90	773,006	90.6	>= 84%	103	452,414	85.8	>= 80%	193	1,225,420	88.7
FAIR/POOR	13	80,666	9.4	<= 16%	30	75,118	14.2	<= 20%	43	155,784	11.3
TOTAL	103	853,672	100.0		133	527,532	100.0		236	1,381,204	100.0
GOOD	58	567,070	66.4	>= 55%	55	297,799	56.5	>= 50%	113	864,869	62.6
POOR (SD)	0	0	0.0	< 2%	2	9,700	1.8	< 8%	2	9,700	0.7

GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	78	603,794	70.7	>= 50%	94	405,090	78.2	>= 50%	172	1,008,884	73.6
FAIR/SATIS	24	245,607	28.8		37	112,742	21.8		61	358,349	26.1
POOR (SD)	1	4,271	0.5	< 5%	0	0	0.0	< 5%	1	4,271	0.3
TOTAL	103	853,672			131	517,832			234	1,371,504	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	22	194,835	22.8	>= 50%	23	127,725	24.2	>= 40%	45	322,560	23.4
ACCEPT	75	624,514	73.2		94	358,500	67.9		169	983,014	71.1
PERMIT	6	34,323	4.0		11	29,353	5.6		17	63,676	4.6
POST/SIGN	0	0	0.0	0%	5	11,954	2.3	0%	5	11,954	0.9
TOTAL	103	853,672			133	527,532			236	1,381,204	

DISTRICT 8 DEFICIENT BRIDGE LIST

ALL STRUCTURES OVER 20 FT

2018

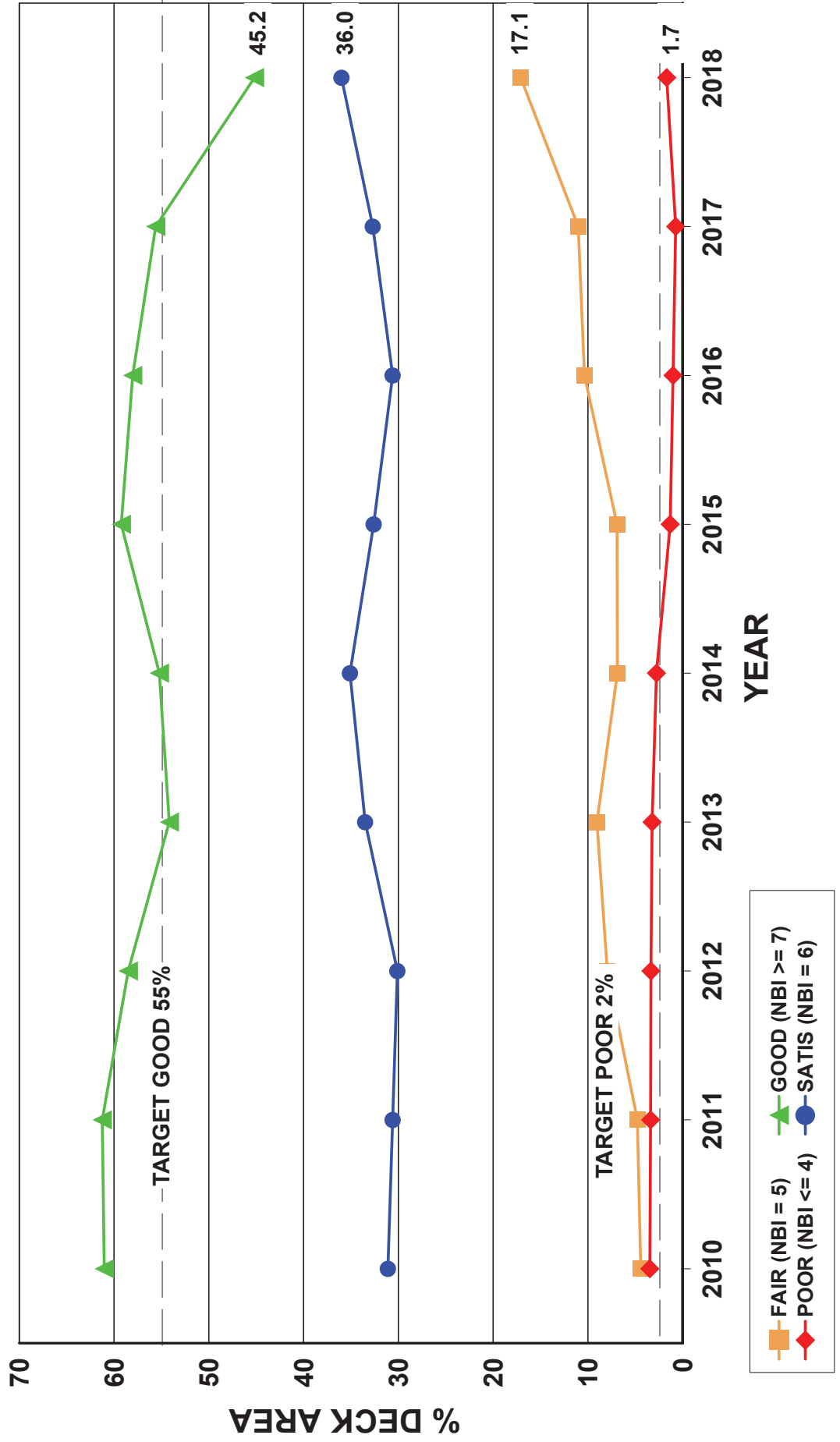
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE					
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ	
4667	3,416	BRIDGE	4	3	4	N	0	8						
5380	6,284	BRIDGE	4	4	5	N	4	8						
42003	4,271	BRIDGE							3	N	8	5	8	
DEFICIENT SUMMARY			STRUCTURALLY DEFICIENT SUMMARY						FUNCTIONALLY OBSOLETE SUMMARY					
APR. 2017 TOTAL DEF			5		APR. 2017 TOTAL SD			3		APR. 2017 TOTAL FO			2	
DEF REPL/REM IN 2017			2		SD REPL/REM IN 2017			1		FO REPL/REM IN 2017			1	
BECAME DEF IN 2017			0		BECAME SD IN 2017			0		BECAME FO IN 2017			0	
APR. 2018 TOTAL DEF			3		APR. 2018 TOTAL SD			2		APR. 2018 TOTAL FO			1	

METRO DISTRICT BRIDGE CONDITION HISTORY

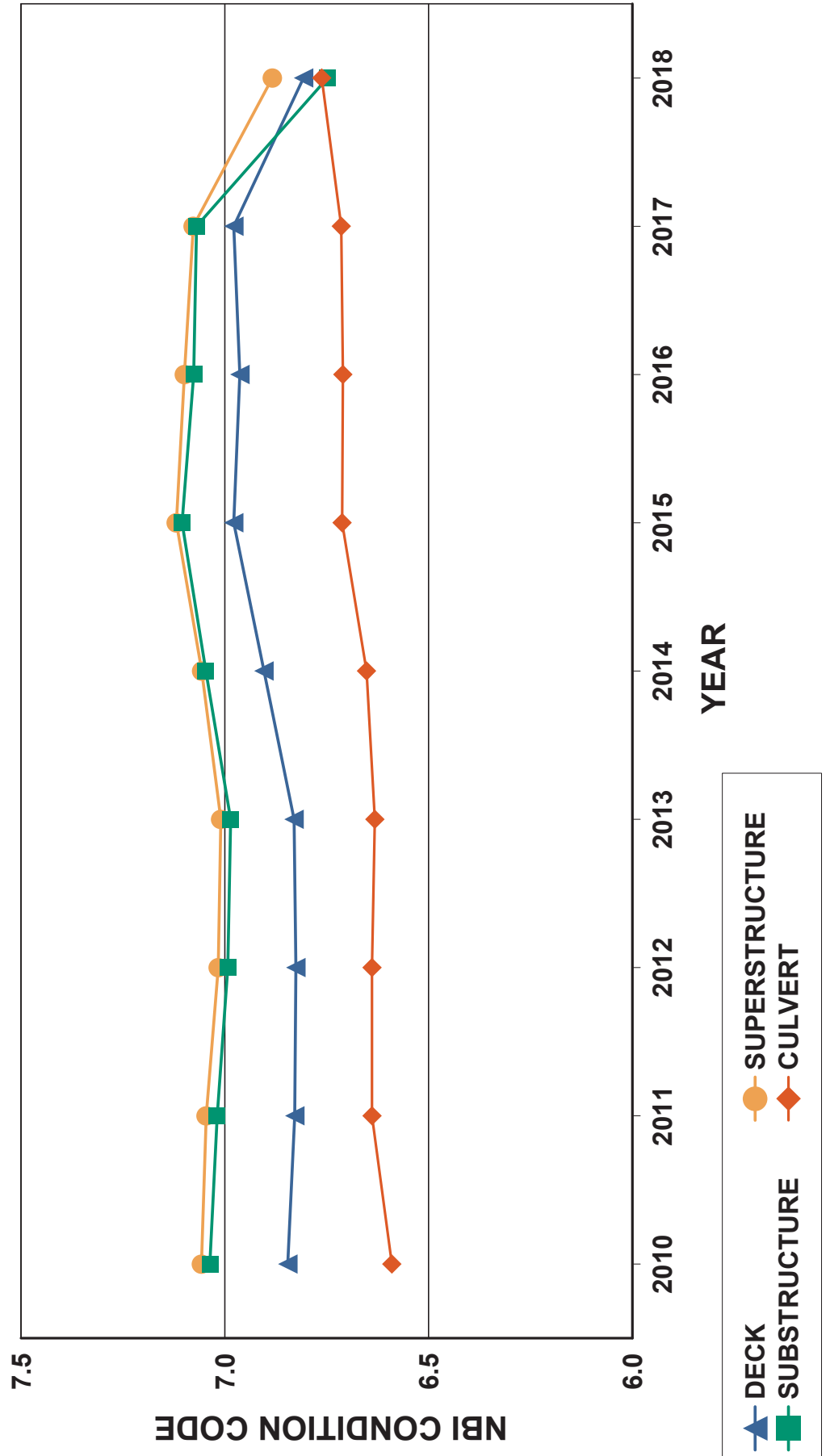
TRUNK HIGHWAY PRINCIPAL ARTERIALS

ALL STRUCTURES OVER 20 FT

2018



METRO DISTRICT TRUNK HIGHWAY AVERAGE NBI CONDITION CODES ALL STRUCTURES 10 FT AND OVER 2018



METRO TRUNK HIGHWAY BRIDGE PERFORMANCE HISTORY ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD/SATIS	90.3	91.7	88.6	88.2	81.2	>=84%	82.1	83.4	83.5	79.2	50.0	>=80%	89.7	91.1	88.2	87.6	79.1
FAIR/ POOR	9.7	8.3	11.4	11.8	18.8	<=16%	17.9	16.6	16.5	20.8	50.0	<=20%	10.3	8.9	11.8	12.4	20.9
GOOD	55.2	59.2	58.0	55.6	45.2	>=55%	58.9	64.3	58.8	48.2	26.5	>=50%	55.5	59.7	58.1	55.1	43.9
POOR (SD)	2.8	1.3	1.0	0.7	1.7	<2%	0.0	6.9	7.0	10.1	16.7	<8%	2.6	1.8	1.5	1.4	2.7

GEOMETRIC RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
GOOD	41.4	41.4	41.1	40.7	38.4	>=50%	21.4	37.0	38.5	23.3	23.7	>=50%	39.9	41.1	40.9	39.7	37.6
FAIR/SATIS	50.4	48.9	49.2	50.5	53.3		50.9	36.8	36.4	43.5	59.0		50.4	47.9	48.2	50.0	53.6
POOR (FO)	8.2	9.7	9.7	8.8	8.3	<5%	27.7	26.2	25.1	33.2	17.3	<5%	9.7	11.0	10.9	10.3	8.8

LOAD CARRYING CAPACITY RATING																	
CATEGORY	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018	TARG	2014	2015	2016	2017	2018
HS25	48.2	44.9	45.0	43.4	42.7	>=50%	37.0	30.6	30.9	32.9	32.9	>=40%	47.3	43.7	43.8	42.7	42.0
ACCEPT	44.1	48.2	49.5	51.0	51.8		57.8	64.9	64.6	62.7	61.4		45.1	49.7	50.7	51.8	52.4
PERMIT	7.3	6.7	5.2	5.4	5.4		5.2	4.5	4.5	4.4	4.4		7.2	6.5	5.2	5.3	5.4
POST/SIGN	0.4	0.2	0.3	0.2	0.1	0%	0.0	0.0	0.0	0.0	1.3	0%	0.4	0.1	0.3	0.2	0.2

METRO TRUNK HIGHWAY BRIDGE PERFORMANCE DETAIL ALL STRUCTURES OVER 20 FT 2018

STRUCTURAL CONDITION RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	910	19,718,755	81.2	>= 84%	91	872,969	50.0	>= 80%	1,001	20,591,724	79.1
FAIR/POOR	183	4,558,155	18.8	<= 16%	16	874,251	50.0	<= 20%	199	5,432,406	20.9
TOTAL	1,093	24,276,911	100.0		107	1,747,220	100.0		1,200	26,024,130	100.0
GOOD	556	10,969,669	45.2	>= 55%	53	462,226	26.5	>= 50%	609	11,431,895	43.9
POOR (SD)	31	408,748	1.7	< 2%	3	291,979	16.7	< 8%	34	700,728	2.7

GEOMETRIC RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	390	9,166,567	38.4	>= 50%	53	345,579	23.7	>= 50%	443	9,512,146	37.6
FAIR/SATIS	546	12,720,696	53.3		40	858,563	59.0		586	13,579,259	53.6
POOR (SD)	126	1,980,900	8.3	< 5%	11	251,099	17.3	< 5%	137	2,231,999	8.8
TOTAL	1,062	23,868,162			104	1,455,241			1,166	25,323,404	

LOAD CARRYING CAPACITY RATING											
CATEGORY	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	464	10,354,366	42.7	>= 50%	36	574,254	32.9	>= 40%	500	10,928,619	42.0
ACCEPT	552	12,578,027	51.8		62	1,073,458	61.4		614	13,651,485	52.4
PERMIT	76	1,318,922	5.4		8	76,458	4.4		84	1,395,380	5.4
POST/SIGN	1	25,596	0.1	0%	1	23,051	1.3	0%	2	48,647	0.2
TOTAL	1,093	24,276,911			107	1,747,221			1,200	26,024,131	

METRO DISTRICT DEFICIENT BRIDGE LIST

ALL STRUCTURES OVER 20 FT

2018

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
2440	154,044	BRIDGE	5	4	4	N	4	9					
4654	25,596	BRIDGE	7	4	6	N	0	2					
6347	23,051	BRIDGE	4	6	6	N	6	9					
6583	20,312	BRIDGE	6	4	5	N	4	N					
6804	10,495	BRIDGE	7	6	4	N	4	N					
6890	2,751	BRIDGE	4	4	6	N	4	8					
6891	2,751	BRIDGE	4	4	6	N	4	8					
9036	114,884	BRIDGE	6	6	4	N	4	9					
9043	7,755	BRIDGE	6	4	6	N	4	N					
9044	8,361	BRIDGE	6	4	5	N	4	N					
9213	11,445	BRIDGE	7	3	6	N	3	N					
9421	22,479	BRIDGE	7	6	4	N	4	N					
9534	8,006	BRIDGE	5	6	4	N	4	N					
9632	13,563	BRIDGE	6	4	7	N	4	N					
9700	22,475	BRIDGE	4	5	4	N	4	8					
9805	8,080	BRIDGE	5	5	4	N	4	N					
9805A	3,608	BRIDGE	6	6	4	N	4	N					
02033	35,223	BRIDGE	7	4	6	N	4	N					
13806	9,674	BRIDGE	7	4	7	N	4	N					
19863	15,687	BRIDGE	5	4	5	N	4	N					
19865	28,049	BRIDGE	5	5	4	N	4	N					
27177	22,040	BRIDGE	4	6	6	N	6	N					
27551	19,642	BRIDGE	5	5	4	N	4	N					
27842	13,566	BRIDGE	4	4	6	N	4	N					
27871	12,973	BRIDGE	5	4	4	N	4	N					
27883	13,406	BRIDGE	4	5	7	N	5	N					
27909	5,234	BRIDGE	6	6	4	N	4	8					
27925	5,402	BRIDGE	5	5	4	N	4	8					
27926	3,254	BRIDGE	6	6	4	N	4	8					
62080A	14,172	BRIDGE	6	6	3	N	3	N					
62882	8,603	BRIDGE	6	4	5	N	4	N					
70801	7,484	BRIDGE	6	6	4	N	4	N					
82831	13,331	BRIDGE	4	5	6	N	5	N					
82832	13,331	BRIDGE	4	5	6	N	5	N					
5310	30,626	BRIDGE							9	3	7	6	N
6580	15,173	BRIDGE							5	3	8	6	N
6850	10,697	BRIDGE							6	3	8	6	N

METRO DISTRICT DEFICIENT BRIDGE LIST

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
6851	10,697	BRIDGE							6	3	7	6	N
7268	10,090	BRIDGE							4	3	8	6	N
7269	9,793	BRIDGE							4	3	8	6	N
9012	11,109	BRIDGE							5	3	8	7	N
9041	11,445	BRIDGE							4	3	7	5	N
9053	12,815	BRIDGE							4	3	7	6	N
9079	12,333	BRIDGE							3	4	7	6	N
9082	7,624	BRIDGE							2	4	7	7	N
9123	7,153	BRIDGE							3	4	7	5	N
9124	6,460	BRIDGE							3	N	7	6	9
9153	8,181	BRIDGE							4	3	8	3	N
9276	7,387	BRIDGE							2	4	8	5	N
9351	9,669	BRIDGE							2	4	8	7	N
9352	9,669	BRIDGE							2	4	8	7	N
9353	10,410	BRIDGE							2	5	8	5	N
9354	10,410	BRIDGE							2	5	8	6	N
9379	14,779	BRIDGE							7	3	8	6	N
9381	13,741	BRIDGE							4	3	8	6	N
9389	11,127	BRIDGE							2	6	8	7	N
9420	11,896	BRIDGE							4	3	8	7	N
9452	23,005	BRIDGE							5	3	8	7	N
9457	14,497	BRIDGE							6	3	8	7	N
9471	15,849	BRIDGE							2	5	8	7	N
9489	6,296	BRIDGE							2	4	8	6	N
9490	7,452	BRIDGE							2	4	8	6	N
9492	13,756	BRIDGE							4	3	8	5	N
9569	19,454	BRIDGE							4	3	8	5	N
9601	11,976	BRIDGE							4	3	8	6	N
9602	14,478	BRIDGE							4	3	8	6	N
9616	12,796	BRIDGE							4	3	8	6	N
9619	12,009	BRIDGE							6	3	8	5	N
9620	11,328	BRIDGE							5	3	8	6	N
9621	11,260	BRIDGE							5	3	8	5	N
9715	5,905	BRIDGE							3	5	7	5	N
9779	8,793	BRIDGE							4	3	7	6	N
9780	8,793	BRIDGE							4	3	7	5	N
9830	6,017	BRIDGE							2	4	8	7	N
9834	6,825	BRIDGE							4	3	8	6	N
9860	5,904	BRIDGE							3	5	7	6	N
9869	19,720	BRIDGE							5	3	8	5	N
02802	7,080	BRIDGE							5	3	8	6	N
13802	6,800	BRIDGE							2	5	8	6	N

METRO DISTRICT DEFICIENT BRIDGE LIST

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
19808	6,197	BRIDGE							6	3	8	6	N
19883	20,553	BRIDGE							2	6	8	7	N
19884	9,505	BRIDGE							9	3	8	6	N
27021	8,427	BRIDGE							2	4	8	7	N
27022	8,610	BRIDGE							2	4	8	7	N
27038	17,550	BRIDGE							5	3	7	7	N
27083	11,237	BRIDGE							2	3	8	5	N
27100	11,353	BRIDGE							3	4	8	6	N
27102	13,935	BRIDGE							5	3	8	6	N
27169	7,176	BRIDGE							5	3	7	6	N
27171	4,352	BRIDGE							2	4	8	6	N
27211	4,140	BRIDGE							2	5	7	6	N
27253	2,228	BRIDGE							7	3	8	8	N
27302	29,959	BRIDGE							9	3	8	7	N
27409	110,117	BRIDGE							9	3	8	7	9
27517	9,197	BRIDGE							3	3	8	5	N
27523	19,642	BRIDGE							9	3	8	5	N
27525	6,507	BRIDGE							4	3	7	6	N
27526	10,778	BRIDGE							4	3	7	6	N
27531	10,644	BRIDGE							4	3	7	5	N
27534	6,557	BRIDGE							3	4	8	5	N
27536	9,730	BRIDGE							2	4	8	5	N
27540	9,528	BRIDGE							9	3	7	6	N
27550	11,251	BRIDGE							3	3	8	5	N
27555	12,108	BRIDGE							3	4	8	5	N
27567	11,413	BRIDGE							4	3	7	6	N
27702	8,149	BRIDGE							3	5	8	7	N
27703	8,705	BRIDGE							3	6	8	7	N
27706	11,163	BRIDGE							3	5	8	7	N
27708	4,578	BRIDGE							9	3	5	6	N
27715	25,750	BRIDGE							3	6	8	7	N
27720	6,909	BRIDGE							9	3	5	6	N
27726B	28,919	BRIDGE							6	3	6	5	N
27737	19,808	BRIDGE							9	3	8	7	N
27756	20,135	BRIDGE							5	3	8	6	N
27776C	32,446	BRIDGE							9	3	8	5	N
27776D	15,713	BRIDGE							3	N	8	5	N
27776F	34,627	BRIDGE							6	3	6	6	N
27793	11,585	BRIDGE							6	3	8	7	N
27799L	15,830	BRIDGE							3	4	8	6	N
27806	15,388	BRIDGE							2	6	8	7	N
27816S	157,202	BRIDGE							7	3	8	5	N

METRO DISTRICT DEFICIENT BRIDGE LIST

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
27838	12,466	BRIDGE							9	3	8	7	N
27840	14,827	BRIDGE							2	3	8	6	N
27843	20,300	BRIDGE							9	3	8	5	N
27853	24,698	BRIDGE							4	3	8	6	N
27854	27,879	BRIDGE							2	3	8	6	N
27865	12,362	BRIDGE							2	3	6	7	N
27869	14,139	BRIDGE							2	4	8	6	N
27870	15,735	BRIDGE							2	4	8	6	N
27873	15,436	BRIDGE							9	3	8	7	N
27874	7,248	BRIDGE							9	3	8	6	N
27876A	7,648	BRIDGE							2	4	8	8	N
27882	13,498	BRIDGE							4	3	7	5	N
27903	3,606	BRIDGE							5	3	8	7	N
27957	10,448	BRIDGE							2	5	8	6	N
27966	19,299	BRIDGE							6	3	8	5	N
27982	14,763	BRIDGE							7	3	8	7	N
27989	16,116	BRIDGE							2	6	8	7	N
27V87	13,470	BRIDGE							5	3	8	7	N
27V95	38,758	BRIDGE							9	3	7	7	N
27V97	16,989	BRIDGE							9	3	7	7	N
27W09	15,303	BRIDGE							7	3	8	7	N
27W15	1	BRIDGE							2	9	8	8	N
27W27	29,800	BRIDGE							2	3	9	8	N
27W40	9,643	BRIDGE							6	3	8	8	N
62006	11,192	BRIDGE							4	3	8	5	N
62007	8,553	BRIDGE							9	3	8	6	N
62011	11,364	BRIDGE							5	3	8	7	N
62014	18,865	BRIDGE							5	3	8	7	N
62017	196,495	BRIDGE							6	3	9	7	9
62029	11,672	BRIDGE							4	3	8	5	N
62030	12,990	BRIDGE							4	3	8	5	N
62033	4,654	BRIDGE							4	3	8	7	N
62034	4,628	BRIDGE							4	3	8	5	N
62705	3,496	BRIDGE							3	5	8	7	N
62719	17,716	BRIDGE							6	3	9	8	N
62803	22,137	BRIDGE							4	3	8	6	N
62808	17,212	BRIDGE							6	3	8	6	N
62812	10,782	BRIDGE							6	3	8	7	N
62836	6,765	BRIDGE							3	5	8	6	N
62844	9,166	BRIDGE							4	3	8	5	N
62845	16,576	BRIDGE							4	3	8	6	N
62853	12,777	BRIDGE							9	3	8	6	N

METRO DISTRICT DEFICIENT BRIDGE LIST

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
62864	22,186	BRIDGE							9	3	8	7	N
62888	14,102	BRIDGE							3	6	8	6	N
62894	14,411	BRIDGE							2	6	8	6	N
62937	11,222	BRIDGE							5	3	9	8	N
70003	43,821	BRIDGE							7	3	9	8	N
70041	18,171	BRIDGE							9	N	8	7	3
82818	21,114	BRIDGE							9	3	8	7	N
90381	2,610	BRIDGE							6	3	8	6	N
DEFICIENT SUMMARY			STRUCTURALLY DEFICIENT SUMMARY						FUNCTIONALLY OBSOLETE SUMMARY				
APR. 2017 TOTAL DEF 156			APR. 2017 TOTAL SD 15						APR. 2017 TOTAL FO 141				
DEF REPL/REM IN 2017 13			SD REPL/REM IN 2017 1						FO REPL/REM IN 2017 12				
BECAME DEF IN 2017 28			BECAME SD IN 2017 20						BECAME FO IN 2017 8				
APR. 2018 TOTAL DEF 171			APR. 2018 TOTAL SD 34						APR. 2018 TOTAL FO 137				