MINNESOTA BRIDGES

October 2016

Current Statistics

Deficient Structure Summaries

Bridge Replacement Program

Minnesota Department of Transportation
Bridge Office

MINNESOTA BRIDGES

October 2016

Data from April 2016 FHWA Submittal

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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
2016

HIGHWAY STRUCTURES ❷						
ROUTE SYSTEM	HWY ON BRIDGE	RR	PED	BLDG	① OTHR	HWY TOTAL
TRUNK HIGHWAY	4,616	107	137	4	17	4,881
LOCAL HIGHWAY	15,077	226	271	12	13	15,599
SUBTOTAL	19,693	333	408	16	30	20,480
MISC ROUTES	108	0	4	0	0	112
TOTAL	19,801	333	412	16	30	20,592

① Includes highway tunnels, utility bridges

❷ 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	4,616	81	203	284	73	105	178	16	1	17
LOCAL HIGHWAY	15,077	1,105	237	1,342	1,082	175	1,257	461	40	501
TOTAL ❷	19,693	1,186	440	1,626	1,155	280	1,435	477	41	518

DEFICIENT RAILROAD OVER HWY STRUCTURES		
ROUTE SYSTEM	TOTAL BRIDGES	NUMBER DEF
TRUNK HIGHWAY	107	35
LOCAL HIGHWAY	227	163
TOTAL	334	198

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	**4,616**
LOCAL HIGHWAY	**15,077**
TOTAL	**19,693**

SUMMARY OF STRUCTURES
OVER 20 FT
2016

HIGHWAY STRUCTURES ❷						
ROUTE SYSTEM	HWY ON BRIDGE	RR	PED	BLDG	① OTHR	HWY TOTAL
TRUNK HIGHWAY	3,665	106	137	4	17	3,929
LOCAL HIGHWAY	9,527	225	260	10	13	10,035
SUBTOTAL	13,192	331	397	14	30	13,964
MISC ROUTES	84	0	3	0	0	87
TOTAL	13,276	331	400	14	30	14,051

① Includes highway tunnels, utility bridges

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

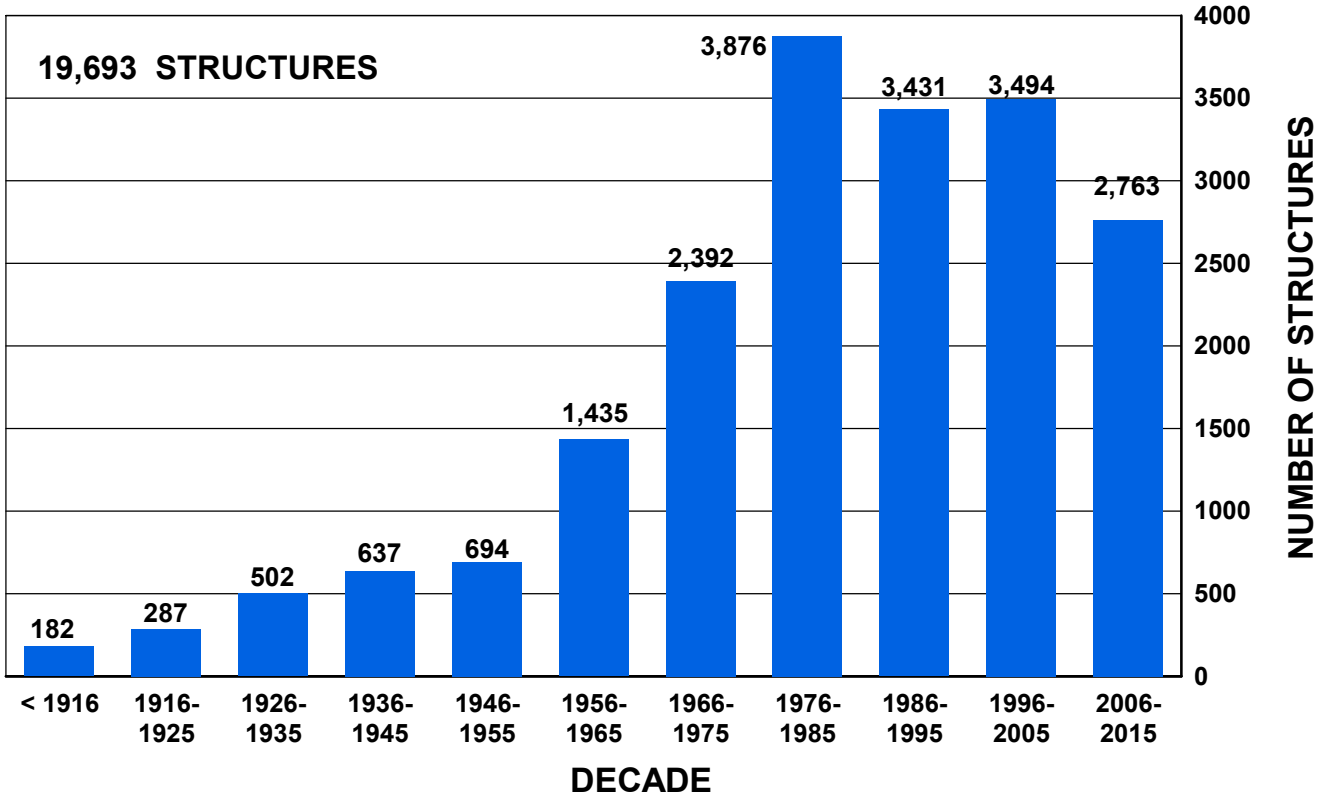
DEFICIENT HIGHWAY STRUCTURES									
ROUTE SYSTEM	HWY ON BRIDGE	ALL SUFF RATINGS			SUFF RTG <= 80			SUFF RTG < 50	
		S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL
TRUNK HIGHWAY	3,665	61	199	260	55	103	158	14	1	15
LOCAL HIGHWAY	9,527	727	174	901	711	131	842	346	29	375
TOTAL ❷	13,192	788	373	1,161	766	234	1,000	360	30	390

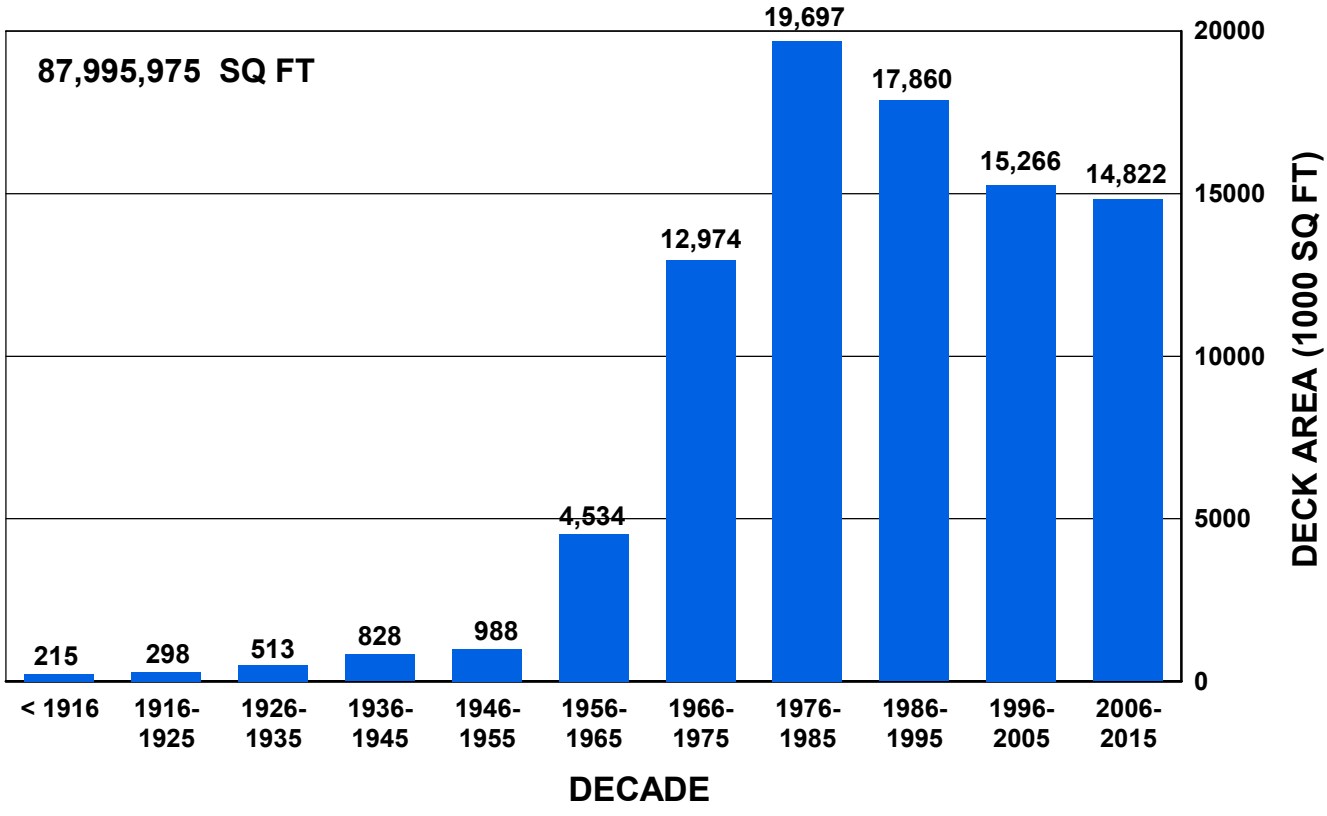
DEFICIENT RAILROAD OVER HWY STRUCTURES		
ROUTE SYSTEM	TOTAL BRIDGES	NUMBER DEF
TRUNK HIGHWAY	106	34
LOCAL HIGHWAY	226	162
TOTAL	332	196

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	**3,665**
LOCAL HIGHWAY	**9,527**
TOTAL	**13,192**

AGE PROFILE
10 FT AND OVER
2016





AGE AND CONDITION OF STRUCTURES BY ROUTE SYSTEM

2016

AGE OF STRUCTURES 10 FT AND OVER

ROUTE SYSTEM	# OF STRUCT	DECK AREA	PRE 1916	1916-1925	1926-1935	1936-1945	1946-1955	1956-1965	1966-1975	1976-1985	1986-1995	1996-2005	2006-2015
INTERSTATE	1,272	22,787,097	0	1	0	0	0	181	411	222	211	102	144
TRUNK HWY	3,344	29,630,685	3	12	182	185	292	256	338	542	589	500	445
COUNTY	7,758	21,521,460	43	91	151	285	266	704	1,085	1,376	1,209	1,387	1,161
TOWNSHIP	6,195	8,327,074	93	136	125	131	117	241	435	1,561	1,238	1,288	830
CITY	1,124	5,729,659	43	47	44	36	19	53	123	175	184	217	183
TOTAL	19,693	87,995,975	182	287	502	637	694	1,435	2,392	3,876	3,431	3,494	2,763

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	126	1,272	35	6.8	6.9	6.9	6.5	6.6	88.6
TRUNK HWY	1,719	1,625	3,344	37	7.0	7.1	7.1	6.6	6.7	91.0
COUNTY	3,013	4,745	7,758	34	6.7	6.8	6.7	7.1	6.7	91.6
TOWNSHIP	1,629	4,565	6,195	32	6.6	6.6	6.4	7.3	6.9	92.6
CITY	615	508	1,124	36	6.6	6.7	6.8	7.1	6.5	87.4
TOTAL	8,122	11,569	19,693	34	6.8	6.8	6.7	7.1	6.7	91.4

AGE OF STRUCTURES OVER 20 FT

ROUTE SYSTEM	# OF STRUCT	DECK AREA	PRE 1916	1916-1925	1926-1935	1936-1945	1946-1955	1956-1965	1966-1975	1976-1985	1986-1995	1996-2005	2006-2015
INTERSTATE	1,217	22,569,326	0	1	0	0	0	169	385	217	209	92	144
TRUNK HWY	2,448	28,347,928	2	4	99	82	155	190	264	438	486	387	341
COUNTY	4,934	18,885,124	22	42	66	150	146	477	724	973	737	849	748
TOWNSHIP	3,861	6,909,208	43	62	51	58	46	131	250	1,113	769	844	494
CITY	732	5,242,771	29	38	18	20	12	30	67	131	123	151	113
TOTAL	13,192	81,954,357	96	147	234	310	359	997	1,690	2,872	2,324	2,323	1,840

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	72	1,217	35	6.8	6.9	6.9	6.4	6.6	89.2
TRUNK HWY	1,700	748	2,448	34	7.0	7.1	7.1	6.5	6.7	91.3
COUNTY	2,859	2,075	4,934	33	6.8	6.8	6.7	7.2	6.7	90.8
TOWNSHIP	1,435	2,426	3,861	30	6.7	6.7	6.6	7.5	6.9	93.0
CITY	532	199	732	35	6.7	6.8	6.8	7.1	6.5	86.2
TOTAL	7,671	5,520	13,192	33	6.8	6.9	6.8	7.2	6.7	91.1

AVERAGE AGE AND CONDITION OF STRUCTURES
BY COUNTY AND ROUTE SYSTEM
ALL STRUCTURES 10 FT AND OVER
2016

ATP 1	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	39	33	83	31	3	189	915,726	34	91
COOK	0	33	55	1	0	89	154,979	33	84
ITASCA	0	57	122	11	3	193	776,306	35	89
KOOCHICHING	0	47	51	14	1	113	541,490	29	90
LAKE	0	29	62	14	2	107	368,518	35	90
PINE	31	25	107	43	6	212	721,563	34	91
ST LOUIS	81	180	507	76	126	970	6,473,325	39	87
ATP 1 TOTAL	**151**	**404**	**987**	**190**	**141**	**1,873**	**9,951,906**	**36**	**88**

ATP 2	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	0	37	79	41	3	160	553,685	29	96
CLEARWATER	0	12	42	26	1	81	112,140	34	93
HUBBARD	0	10	47	11	1	69	129,638	26	94
KITTSON	0	37	78	124	0	239	762,630	28	95
LAKE OF THE WOODS	0	17	63	54	0	134	267,783	28	94
MARSHALL	0	47	115	151	7	320	634,351	30	96
NORMAN	0	38	119	84	0	241	669,732	36	94
PENNINGTON	0	12	76	19	6	113	232,185	27	97
POLK	0	61	151	271	8	491	1,317,770	25	96
RED LAKE	0	16	57	32	2	107	266,720	31	96
ROSEAU	0	32	112	103	1	248	420,992	32	94
ATP 2 TOTAL	**0**	**319**	**939**	**916**	**29**	**2,203**	**5,367,626**	**29**	**95**

ATP 3	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	0	57	72	42	2	173	384,383	33	93
BENTON	0	32	79	28	4	143	758,386	36	93
CASS	0	30	58	19	2	109	261,991	37	87
CROW WING	0	25	47	27	12	111	472,160	34	89
ISANTI	0	14	27	9	2	52	225,399	29	93
KANABEC	0	21	62	13	0	96	255,771	33	94
MILLE LACS	0	37	61	50	1	149	482,713	28	93
MORRISON	0	51	115	84	5	255	799,501	30	92
SHERBURNE	0	12	33	7	1	53	412,203	28	88
STEARNS	54	50	123	89	13	329	1,725,686	37	93
TODD	2	27	95	70	4	198	377,423	29	94
WADENA	0	7	56	25	1	89	287,829	24	95
WRIGHT	15	25	42	33	3	118	712,805	31	93
ATP 3 TOTAL	**71**	**388**	**870**	**496**	**50**	**1,875**	**7,156,251**	**32**	**92**

AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES 10 FT AND OVER
2016

ATP 4	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	0	21	39	28	6	94	315,008	25	95
BIG STONE	0	11	11	13	1	36	55,318	41	94
CLAY	24	55	188	134	34	435	1,635,126	29	93
DOUGLAS	22	3	34	20	2	81	240,840	32	94
GRANT	4	9	24	24	0	61	112,097	34	90
MAHNOMEN	0	9	30	21	0	60	107,523	37	89
OTTERTAIL	24	34	77	58	11	204	723,564	38	92
POPE	0	9	26	37	1	73	128,292	30	97
STEVENS	0	16	22	28	1	67	136,829	33	98
SWIFT	0	23	48	64	1	136	388,907	28	93
TRAVERSE	0	21	86	57	0	164	258,231	35	97
WILKIN	5	35	128	124	2	294	630,824	30	95
ATP 4 TOTAL	**79**	**246**	**713**	**608**	**59**	**1,705**	**4,732,558**	**32**	**94**

ATP 6	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	0	35	99	132	7	273	579,032	39	91
FILLMORE	0	67	221	241	15	544	1,143,580	41	87
FREEBORN	54	13	99	71	7	244	980,801	37	94
GOODHUE	0	106	204	201	25	536	1,394,565	46	91
HOUSTON	0	58	84	101	0	243	803,794	33	89
MOWER	33	46	123	226	17	445	1,108,295	33	88
OLMSTED	25	120	215	116	49	525	2,495,625	34	94
RICE	25	25	95	51	19	215	808,122	31	91
STEELE	28	19	70	50	14	181	697,489	31	88
WABASHA	0	77	116	80	5	278	844,498	35	93
WINONA	41	78	102	88	24	333	1,811,406	38	88
ATP 6 TOTAL	**206**	**644**	**1,428**	**1,357**	**182**	**3,817**	**12,667,206**	**37**	**90**

AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES 10 FT AND OVER
2016

ATP 7	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	0	61	130	58	9	258	1,647,240	35	92
BROWN	0	19	67	76	3	165	623,120	38	91
COTTONWOOD	0	25	93	116	2	236	464,013	41	92
FARIBAULT	24	21	104	148	1	298	877,192	36	89
JACKSON	17	16	98	114	3	248	645,832	35	91
LE SUEUR	0	31	59	18	4	112	341,415	39	92
MARTIN	35	12	73	101	8	229	636,879	43	89
NICOLLET	0	27	46	24	1	98	314,608	29	94
NOBLES	27	28	137	211	8	411	789,868	37	92
ROCK	21	20	145	182	9	377	717,793	29	93
SIBLEY	0	25	66	61	5	157	462,880	23	95
WASECA	0	28	63	32	0	123	334,841	32	88
WATONWAN	0	31	97	89	1	218	616,954	36	95
ATP 7 TOTAL	**124**	**344**	**1,178**	**1,230**	**54**	**2,930**	**8,472,636**	**35**	**92**

ATP 8	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	0	33	52	103	7	195	475,136	35	88
KANDIYOHI	0	32	70	52	6	160	493,615	35	92
LAC QUI PARLE	0	22	85	141	0	248	576,109	28	93
LINCOLN	0	31	90	82	1	204	268,639	42	88
LYON	0	44	143	137	13	337	731,495	34	96
MCLEOD	0	17	54	46	5	122	455,097	26	95
MEEKER	0	22	34	53	4	113	222,194	39	81
MURRAY	0	18	82	104	4	208	339,282	36	94
PIPESTONE	0	29	111	152	6	298	459,798	32	91
REDWOOD	0	36	131	155	6	328	730,318	39	87
RENVILLE	0	16	117	100	1	234	394,033	34	86
YELLOW MEDICINE	0	55	129	139	2	325	709,980	35	94
ATP 8 TOTAL	**0**	**355**	**1,098**	**1,264**	**55**	**2,772**	**5,855,697**	**35**	**91**

METRO	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	21	57	60	2	43	183	1,907,355	25	90
CARVER	0	53	61	29	34	177	1,208,717	29	88
CHISAGO	18	13	35	13	11	90	301,834	34	90
DAKOTA	72	82	76	54	39	323	3,622,346	33	94
HENNEPIN	328	270	162	0	294	1,054	17,059,321	33	87
RAMSEY	151	76	59	0	66	352	6,255,024	29	86
SCOTT	3	59	67	31	36	196	1,028,978	29	93
WASHINGTON	48	34	25	5	31	143	2,408,520	29	92
METRO TOTAL	**641**	**644**	**545**	**134**	**554**	**2,518**	**33,792,095**	**31**	**89**

AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES 10 FT AND OVER
2016

	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	1,272	3,344	7,758	6,195	1,124	19,693	87,995,975	34	91

AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM ALL STRUCTURES OVER 20 FT 2016

ATP 1	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	39	23	55	23	2	142	842,237	34	91
COOK	0	14	22	1	0	37	114,669	32	81
ITASCA	0	40	103	8	2	153	743,781	32	90
KOOCHICHING	0	29	40	10	0	79	507,120	30	90
LAKE	0	23	41	8	0	72	330,315	37	88
PINE	30	17	82	30	3	162	687,338	33	92
ST LOUIS	78	141	360	43	56	678	6,115,680	36	87
ATP 1 TOTAL	**147**	**287**	**703**	**123**	**63**	**1,323**	**9,341,140**	**35**	**89**

ATP 2	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	0	26	44	19	2	91	494,421	31	95
CLEARWATER	0	11	22	11	0	44	84,437	35	92
HUBBARD	0	8	29	6	1	44	108,256	25	95
KITTSON	0	30	48	81	0	159	710,580	29	95
LAKE OF THE WOODS	0	14	19	19	0	52	205,821	30	94
MARSHALL	0	33	77	90	5	205	555,956	30	95
NORMAN	0	23	82	45	0	150	597,624	34	93
PENNINGTON	0	6	32	8	2	48	189,184	29	96
POLK	0	31	78	150	6	265	1,138,144	27	96
RED LAKE	0	11	36	10	2	59	232,225	30	96
ROSEAU	0	22	61	57	1	141	355,545	29	94
ATP 2 TOTAL	**0**	**215**	**528**	**496**	**19**	**1,258**	**4,672,193**	**30**	**95**

ATP 3	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	0	31	44	17	1	93	324,845	32	93
BENTON	0	27	67	22	2	118	730,347	34	93
CASS	0	17	41	16	2	76	229,279	32	88
CROW WING	0	12	27	22	8	69	405,174	29	91
ISANTI	0	11	18	6	2	37	211,454	26	92
KANABEC	0	17	51	11	0	79	239,032	33	94
MILLE LACS	0	34	47	25	1	107	448,322	31	94
MORRISON	0	39	76	46	4	165	734,177	31	92
SHERBURNE	0	12	26	4	1	43	401,664	29	86
STEARNS	52	39	79	51	10	231	1,636,065	33	92
TODD	2	20	57	51	1	131	324,070	29	94
WADENA	0	6	49	20	1	76	280,096	23	95
WRIGHT	15	15	23	17	1	71	658,019	29	93
ATP 3 TOTAL	**69**	**280**	**605**	**308**	**34**	**1,296**	**6,622,547**	**31**	**92**

AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES OVER 20 FT
2016

ATP 4	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	0	11	22	16	5	54	274,064	23	94
BIG STONE	0	8	3	3	0	14	41,879	45	95
CLAY	20	36	84	63	17	220	1,456,179	32	91
DOUGLAS	21	1	11	7	0	40	195,341	37	91
GRANT	4	6	10	12	0	32	93,522	35	86
MAHNOMEN	0	5	21	15	0	41	91,900	35	87
OTTERTAIL	23	25	48	41	11	148	668,443	35	91
POPE	0	5	14	26	1	46	101,458	29	96
STEVENS	0	13	15	16	1	45	121,775	36	97
SWIFT	0	18	32	44	1	95	353,148	28	92
TRAVERSE	0	10	67	43	0	120	231,974	32	96
WILKIN	4	29	87	79	1	200	560,173	32	94
ATP 4 TOTAL	**72**	**167**	**414**	**365**	**37**	**1,055**	**4,189,856**	**32**	**93**

ATP 6	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	0	24	65	77	4	170	511,575	37	92
FILLMORE	0	46	155	131	7	339	999,529	38	88
FREEBORN	51	9	47	28	6	141	890,584	36	93
GOODHUE	0	72	117	111	23	323	1,212,086	41	91
HOUSTON	0	44	60	68	0	172	735,174	29	91
MOWER	26	35	91	167	16	335	1,022,379	32	88
OLMSTED	23	91	136	67	39	356	2,286,768	31	94
RICE	25	19	49	27	18	138	735,307	31	91
STEELE	27	16	44	32	12	131	648,563	31	88
WABASHA	0	43	60	37	4	144	708,753	32	93
WINONA	39	49	72	63	11	234	1,699,405	35	89
ATP 6 TOTAL	**191**	**448**	**896**	**808**	**140**	**2,483**	**11,450,124**	**35**	**91**

ATP 7	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	0	51	101	38	3	193	1,571,749	36	92
BROWN	0	14	46	46	3	109	571,341	36	91
COTTONWOOD	0	16	59	73	2	150	402,280	39	93
FARIBAULT	22	11	75	111	1	220	810,684	35	90
JACKSON	16	11	67	95	1	190	594,101	34	91
LE SUEUR	0	18	37	10	4	69	295,239	36	91
MARTIN	31	9	47	68	7	162	558,676	44	88
NICOLLET	0	15	20	14	0	49	243,455	28	93
NOBLES	22	18	81	176	5	302	690,433	36	93
ROCK	21	10	94	127	8	260	639,772	26	94
SIBLEY	0	18	42	40	1	101	405,229	23	95
WASECA	0	20	39	25	0	84	291,079	33	89
WATONWAN	0	28	73	63	1	165	578,091	36	94
ATP 7 TOTAL	**112**	**239**	**781**	**886**	**36**	**2,054**	**7,652,129**	**34**	**92**

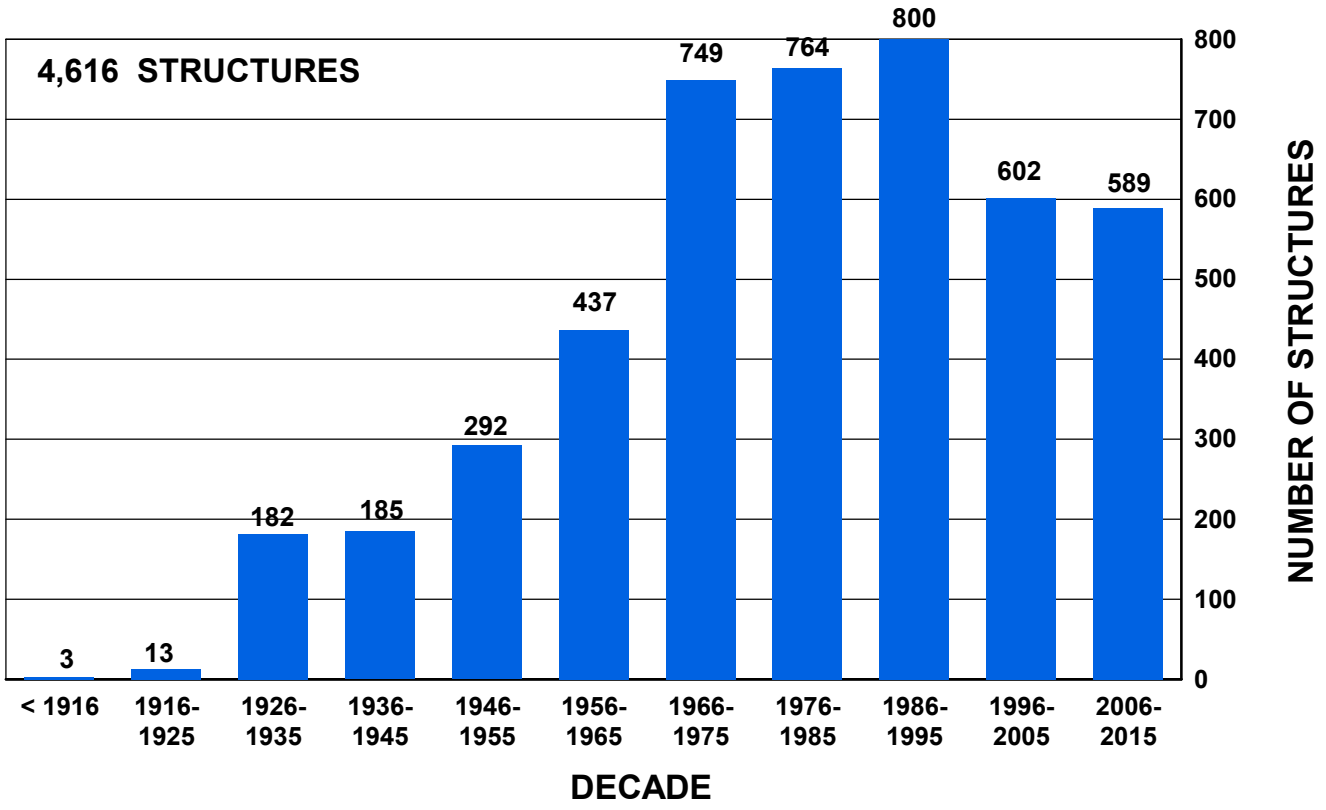
AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES OVER 20 FT
2016

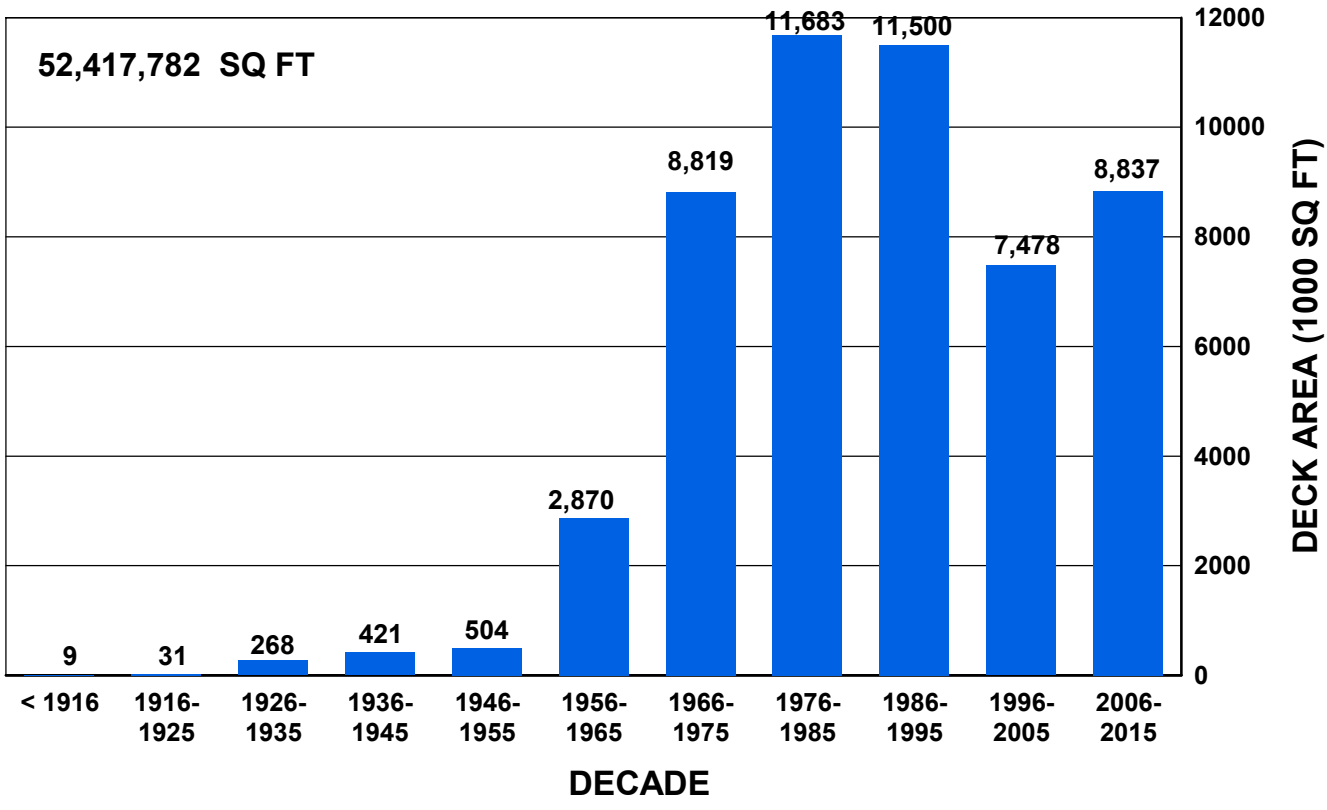
ATP 8	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	0	23	26	67	3	119	410,084	36	86
KANDIYOHI	0	22	36	29	3	90	419,342	36	91
LAC QUI PARLE	0	17	61	94	0	172	522,288	30	92
LINCOLN	0	18	41	48	0	107	190,498	41	86
LYON	0	31	98	91	11	231	633,254	34	95
MCLEOD	0	9	35	28	5	77	405,673	28	95
MEEKER	0	13	17	30	2	62	178,379	36	92
MURRAY	0	11	53	66	1	131	287,857	33	94
PIPESTONE	0	19	55	99	3	176	367,581	28	91
REDWOOD	0	20	86	88	5	199	607,814	36	87
RENVILLE	0	15	64	58	1	138	309,977	35	84
YELLOW MEDICINE	0	38	82	100	2	222	620,940	34	94
ATP 8 TOTAL	**0**	**236**	**654**	**798**	**36**	**1,724**	**4,953,687**	**34**	**91**

METRO	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	20	53	45	1	24	143	1,844,649	27	90
CARVER	0	44	37	17	20	118	1,144,773	26	88
CHISAGO	10	8	27	11	7	63	265,189	31	91
DAKOTA	72	68	46	30	29	245	3,543,979	29	93
HENNEPIN	323	256	107	0	200	886	16,768,492	33	87
RAMSEY	150	74	49	0	47	320	6,207,743	29	86
SCOTT	3	46	34	13	24	120	929,951	24	93
WASHINGTON	48	27	8	5	16	104	2,367,907	27	91
METRO TOTAL	**626**	**576**	**353**	**77**	**367**	**1,999**	**33,072,682**	**30**	**89**

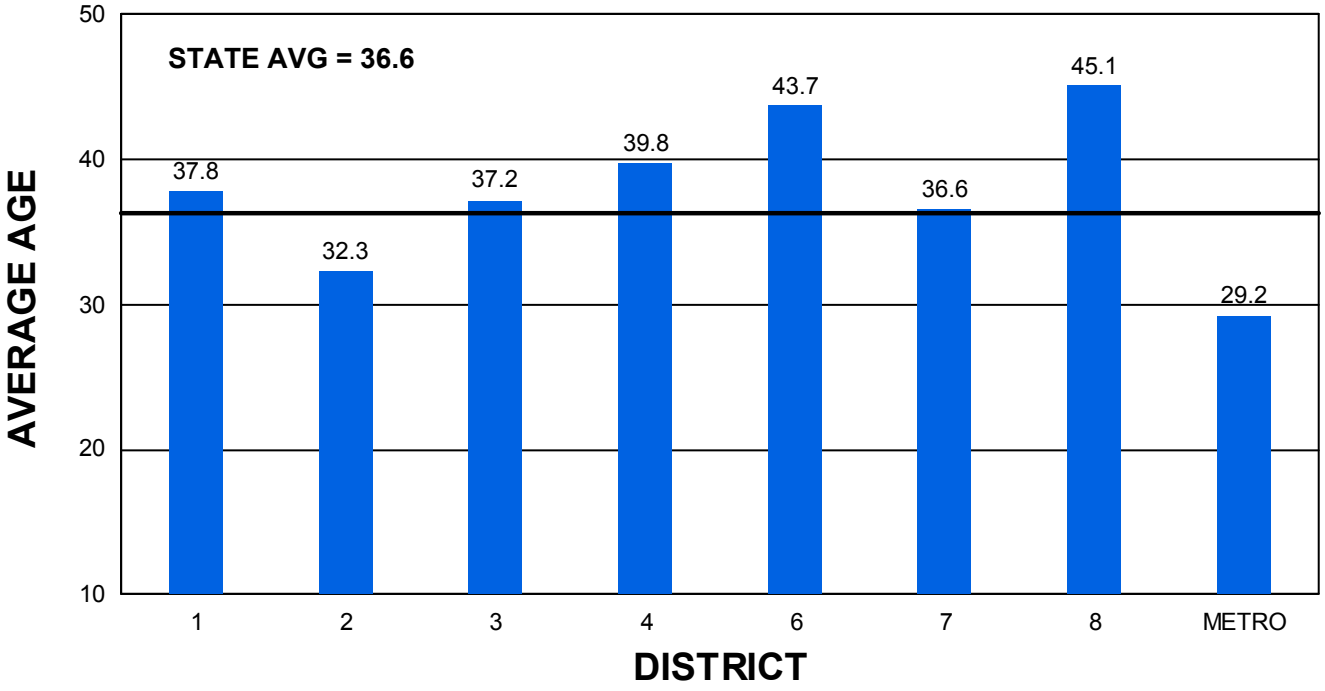
	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	**1,217**	**2,448**	**4,934**	**3,861**	**732**	**13,192**	**81,954,357**	**33**	**91**

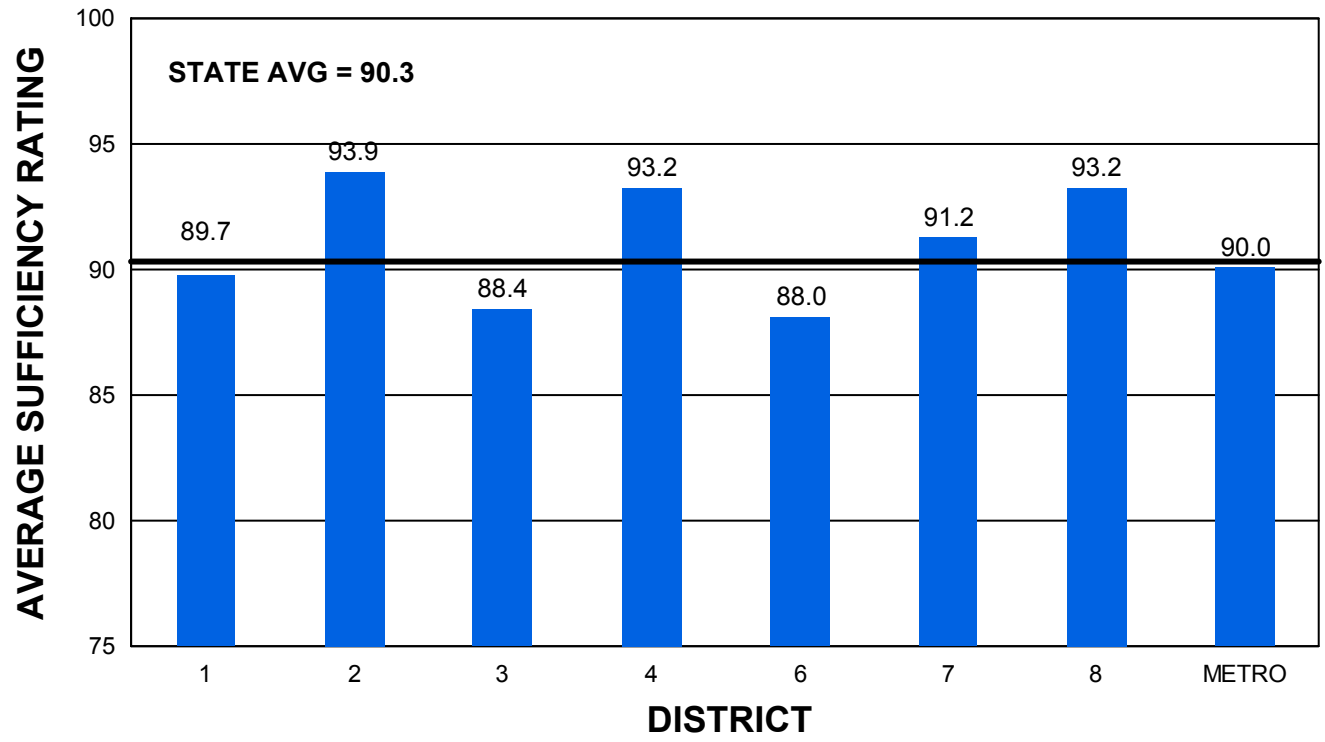
AGE PROFILE
TRUNK HIGHWAYS ONLY
10 FT AND OVER
2016





AVERAGE AGE AND SUFFICIENCY RATING
BY DISTRICT
TRUNK HIGHWAY STRUCTURES 10 FT AND OVER
2016





AVERAGE AGE AND CONDITION OF STRUCTURES
BY DISTRICT
TRUNK HIGHWAYS ONLY
2016

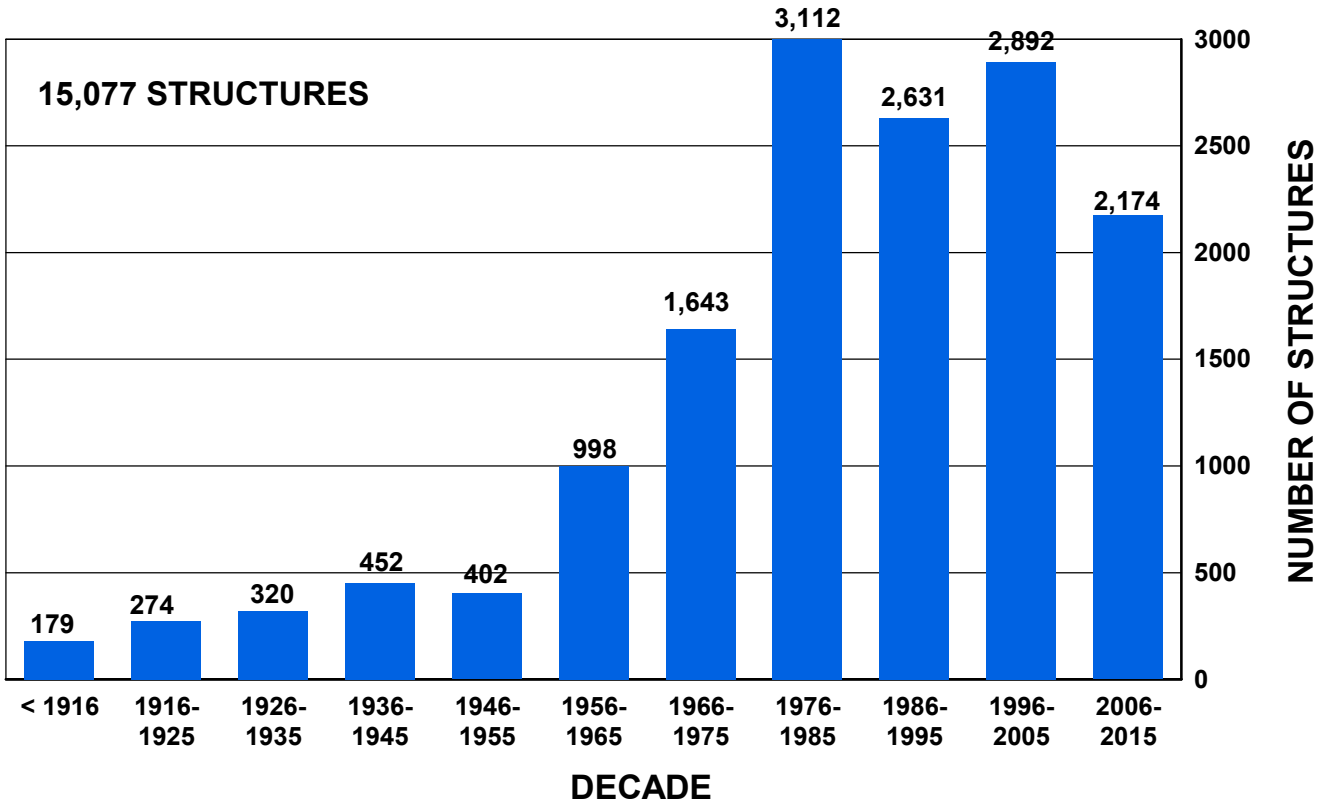
CONDITION OF STRUCTURES 10 FT AND OVER

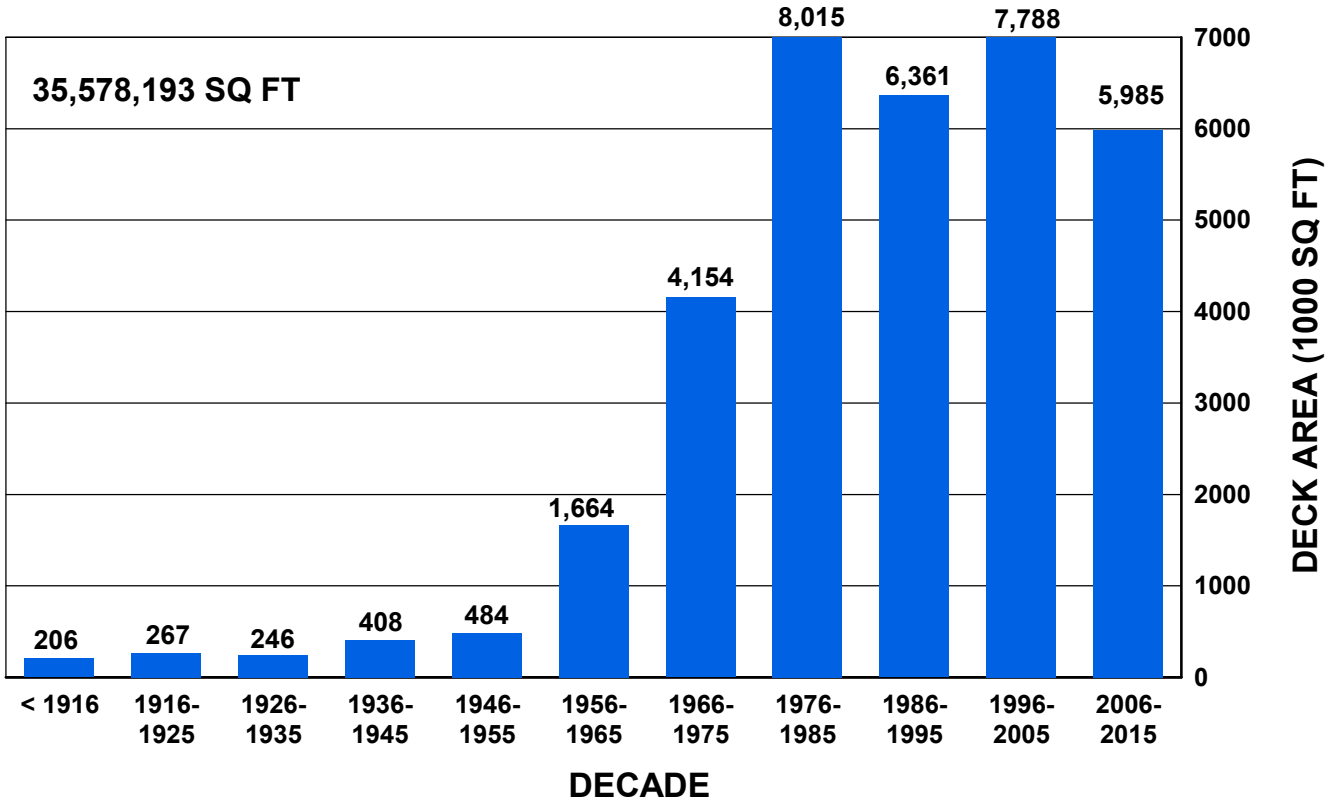
DISTRICT	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING
1	359	196	555	37.8	7.0	7.1	7.1	6.9	6.7	89.7
2	117	202	319	32.3	7.1	7.1	7.1	7.0	6.8	93.9
3	263	196	459	37.2	7.0	7.2	7.1	6.7	6.8	88.4
4	148	177	325	39.8	6.9	7.0	6.7	6.9	6.7	93.2
6	445	405	850	43.7	6.7	6.8	6.7	6.1	6.3	88.0
7	245	223	468	36.6	6.7	6.9	6.9	6.6	6.5	91.2
8	141	214	355	45.1	6.7	6.9	6.8	6.4	6.4	93.2
METRO	1,147	138	1,285	29.2	7.0	7.1	7.1	6.7	6.9	90.0
TOTAL	2,865	1,751	4,616	36.6	6.9	7.0	7.0	6.6	6.6	90.3

CONDITION OF STRUCTURES OVER 20 FT

DISTRICT	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING
1	356	78	434	37.5	7.1	7.1	7.1	6.7	6.7	89.9
2	115	100	215	32.1	7.2	7.1	7.1	6.8	6.7	93.6
3	260	89	349	32.3	7.0	7.2	7.1	6.6	6.9	89.5
4	148	91	239	38.2	6.9	7.0	6.7	6.8	6.6	92.9
6	434	205	639	40.0	6.7	6.8	6.7	6.1	6.4	89.1
7	245	106	351	36.8	6.7	6.9	6.9	6.6	6.6	91.9
8	141	95	236	42.9	6.7	6.9	6.8	6.3	6.5	92.6
METRO	1,146	56	1,202	28.5	7.0	7.1	7.1	6.5	6.9	90.2
TOTAL	2,845	820	3,665	34.5	6.9	7.0	7.0	6.5	6.7	90.6

AGE PROFILE
LOCAL HIGHWAYS ONLY
10 FT AND OVER
2016





AVERAGE AGE AND CONDITION OF STRUCTURES
BY COUNTY AND ROUTE SYSTEM
LOCAL STRUCTURES ONLY
10 FT AND OVER
2016

ATP 1	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	83	31	3	117	266,385	29	91.7
COOK	55	1	0	56	76,188	27	83.6
ITASCA	122	11	3	136	406,549	34	87.0
KOOCHICHING	51	14	1	66	194,070	30	89.3
LAKE	62	14	2	78	164,367	35	90.1
PINE	107	43	6	156	365,920	30	93.2
ST LOUIS	507	76	126	709	1,570,004	39	86.3
ATP 1 TOTAL	**987**	**190**	**141**	**1,318**	**3,043,483**	**36**	**87.9**

ATP 2	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	79	41	3	123	239,372	29	96.7
CLEARWATER	42	26	1	69	73,585	36	92.6
HUBBARD	47	11	1	59	102,113	24	94.4
KITTSON	78	124	0	202	298,520	28	95.0
LAKE OF THE WOODS	63	54	0	117	144,715	27	94.2
MARSHALL	115	151	7	273	467,098	29	96.4
NORMAN	119	84	0	203	492,512	38	93.9
PENNINGTON	76	19	6	101	183,913	28	97.0
POLK	151	271	8	430	950,480	24	96.3
RED LAKE	57	32	2	91	202,188	29	96.0
ROSEAU	112	103	1	216	308,805	33	93.7
ATP 2 TOTAL	**939**	**916**	**29**	**1,884**	**3,463,301**	**29**	**95.3**

ATP 3	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	72	42	2	116	218,777	26	93.8
BENTON	79	28	4	111	417,437	37	94.1
CASS	58	19	2	79	168,972	33	88.5
CROW WING	47	27	12	86	243,613	32	90.6
ISANTI	27	9	2	38	123,196	33	91.2
KANABEC	62	13	0	75	177,075	30	95.3
MILLE LACS	61	50	1	112	236,072	26	93.8
MORRISON	115	84	5	204	367,459	29	93.2
SHERBURNE	33	7	1	41	152,854	27	88.5
STEARNS	123	89	13	225	703,675	37	94.8
TODD	95	70	4	169	278,458	26	94.5
WADENA	56	25	1	82	252,063	24	95.4
WRIGHT	42	33	3	78	218,734	33	92.9
ATP 3 TOTAL	**870**	**496**	**50**	**1,416**	**3,558,384**	**31**	**93.4**

AVERAGE AGE AND CONDITION OF STRUCTURES
LOCAL STRUCTURES 10 FT AND OVER
2016

ATP 4	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	39	28	6	73	219,342	22	94.8
BIG STONE	11	13	1	25	29,115	31	93.2
CLAY	188	134	34	356	950,127	28	92.9
DOUGLAS	34	20	2	56	83,297	28	97.2
GRANT	24	24	0	48	49,679	33	90.0
MAHNOMEN	30	21	0	51	74,833	37	88.3
OTTERTAIL	77	58	11	146	351,528	36	91.4
POPE	26	37	1	64	108,922	27	97.0
STEVENS	22	28	1	51	77,985	31	98.4
SWIFT	48	64	1	113	263,535	27	92.2
TRAVERSE	86	57	0	143	216,147	32	96.7
WILKIN	128	124	2	254	415,900	28	94.6
ATP 4 TOTAL	**713**	**608**	**59**	**1,380**	**2,840,410**	**30**	**93.8**

ATP 6	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	99	132	7	238	384,025	38	91.4
FILLMORE	221	241	15	477	854,512	42	86.7
FREEBORN	99	71	7	177	295,098	34	95.7
GOODHUE	204	201	25	430	799,925	46	92.0
HOUSTON	84	101	0	185	383,718	31	88.7
MOWER	123	226	17	366	710,679	30	88.2
OLMSTED	215	116	49	380	1,282,413	32	95.5
RICE	95	51	19	165	391,741	28	91.8
STEELE	70	50	14	134	311,970	31	88.5
WABASHA	116	80	5	201	431,173	30	95.3
WINONA	102	88	24	214	476,498	32	89.4
ATP 6 TOTAL	**1,428**	**1,357**	**182**	**2,967**	**6,321,753**	**35**	**91.0**

ATP 7	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	130	58	9	197	724,771	36	92.2
BROWN	67	76	3	146	460,195	39	91.4
COTTONWOOD	93	116	2	211	348,560	40	92.3
FARIBAULT	104	148	1	253	512,751	36	88.3
JACKSON	98	114	3	215	373,333	35	90.5
LE SUEUR	59	18	4	81	160,020	35	93.0
MARTIN	73	101	8	182	319,404	43	88.4
NICOLLET	46	24	1	71	138,957	29	96.8
NOBLES	137	211	8	356	480,896	37	92.4
ROCK	145	182	9	336	512,628	28	93.9
SIBLEY	66	61	5	132	237,793	21	94.9
WASECA	63	32	0	95	176,246	36	87.1
WATONWAN	97	89	1	187	340,927	35	94.8
ATP 7 TOTAL	**1,178**	**1,230**	**54**	**2,462**	**4,786,481**	**35**	**91.9**

AVERAGE AGE AND CONDITION OF STRUCTURES
LOCAL STRUCTURES 10 FT AND OVER
2016

ATP 8	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	52	103	7	162	272,208	32	87.4
KANDIYOHI	70	52	6	128	232,447	34	91.8
LAC QUI PARLE	85	141	0	226	467,898	27	92.9
LINCOLN	90	82	1	173	205,553	39	86.4
LYON	143	137	13	293	541,375	32	96.1
MCLEOD	54	46	5	105	357,345	26	94.9
MEEKER	34	53	4	91	155,102	37	78.3
MURRAY	82	104	4	190	303,468	34	94.2
PIPESTONE	111	152	6	269	379,491	30	90.3
REDWOOD	131	155	6	292	577,056	38	85.6
RENVILLE	117	100	1	218	335,585	34	85.2
YELLOW MEDICINE	129	139	2	270	496,863	32	94.1
ATP 8 TOTAL	**1,098**	**1,264**	**55**	**2,417**	**4,324,391**	**33**	**90.3**

METRO	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	60	2	43	105	698,068	24	91.7
CARVER	61	29	34	124	305,109	33	86.8
CHISAGO	35	13	11	59	95,805	31	91.3
DAKOTA	76	54	39	169	633,297	32	94.5
HENNEPIN	162	0	294	456	3,230,701	39	83.9
RAMSEY	59	0	66	125	1,652,418	31	83.2
SCOTT	67	31	36	134	438,318	28	94.1
WASHINGTON	25	5	31	61	186,273	31	90.8
METRO TOTAL	**545**	**134**	**554**	**1,233**	**7,239,990**	**33**	**88.0**

	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	**7,758**	**6,195**	**1,124**	**15,077**	**35,578,193**	**33**	**91.5**

AVERAGE AGE AND CONDITION OF STRUCTURES
BY COUNTY AND ROUTE SYSTEM
LOCAL STRUCTURES ONLY
OVER 20 FT
2016

ATP 1	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	55	23	2	80	235,731	28	92.1
COOK	22	1	0	23	53,269	28	81.4
ITASCA	103	8	2	113	393,661	30	89.1
KOOCHICHING	40	10	0	50	183,709	30	89.9
LAKE	41	8	0	49	135,048	35	88.8
PINE	82	30	3	115	339,287	29	93.9
ST LOUIS	360	43	56	459	1,291,807	37	85.2
ATP 1 TOTAL	**703**	**123**	**63**	**889**	**2,632,512**	**33**	**87.8**

ATP 2	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	44	19	2	65	195,467	31	95.5
CLEARWATER	22	11	0	33	48,004	38	91.1
HUBBARD	29	6	1	36	84,378	22	95.0
KITTSON	48	81	0	129	254,827	29	94.7
LAKE OF THE WOODS	19	19	0	38	86,352	29	95.5
MARSHALL	77	90	5	172	402,003	29	95.4
NORMAN	82	45	0	127	440,490	35	92.9
PENNINGTON	32	8	2	42	147,429	28	96.5
POLK	78	150	6	234	805,941	26	96.5
RED LAKE	36	10	2	48	171,786	30	95.6
ROSEAU	61	57	1	119	252,125	30	93.0
ATP 2 TOTAL	**528**	**496**	**19**	**1,043**	**2,888,802**	**29**	**94.9**

ATP 3	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	44	17	1	62	180,630	29	93.7
BENTON	67	22	2	91	401,863	35	93.6
CASS	41	16	2	59	150,478	31	89.1
CROW WING	27	22	8	57	220,106	30	92.2
ISANTI	18	6	2	26	112,452	30	90.2
KANABEC	51	11	0	62	166,144	31	95.1
MILLE LACS	47	25	1	73	207,302	30	95.2
MORRISON	76	46	4	126	317,379	31	92.3
SHERBURNE	26	4	1	31	142,315	30	86.6
STEARNS	79	51	10	140	633,029	34	94.4
TODD	57	51	1	109	232,710	26	95.3
WADENA	49	20	1	70	245,406	23	95.9
WRIGHT	23	17	1	41	183,614	33	91.7
ATP 3 TOTAL	**605**	**308**	**34**	**947**	**3,193,430**	**30**	**93.4**

AVERAGE AGE AND CONDITION OF STRUCTURES
LOCAL STRUCTURES OVER 20 FT
2016

ATP 4	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	22	16	5	43	196,508	20	94.1
BIG STONE	3	3	0	6	17,829	33	92.3
CLAY	84	63	17	164	802,834	33	90.1
DOUGLAS	11	7	0	18	42,345	31	95.6
GRANT	10	12	0	22	33,323	35	85.3
MAHNOMEN	21	15	0	36	62,957	36	85.9
OTTERTAIL	48	41	11	100	312,793	33	90.9
POPE	14	26	1	41	86,805	26	96.3
STEVENS	15	16	1	32	65,713	35	97.4
SWIFT	32	44	1	77	233,381	27	91.3
TRAVERSE	67	43	0	110	197,090	30	96.2
WILKIN	87	79	1	167	354,175	30	93.9
ATP 4 TOTAL	**414**	**365**	**37**	**816**	**2,405,754**	**30**	**92.6**

ATP 6	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	65	77	4	146	324,781	36	92.2
FILLMORE	155	131	7	293	739,700	38	87.6
FREEBORN	47	28	6	81	222,415	29	95.5
GOODHUE	117	111	23	251	665,199	42	92.0
HOUSTON	60	68	0	128	332,994	27	91.1
MOWER	91	167	16	274	656,733	29	88.6
OLMSTED	136	67	39	242	1,134,720	30	94.7
RICE	49	27	18	94	328,324	25	92.5
STEELE	44	32	12	88	270,238	31	88.8
WABASHA	60	37	4	101	336,571	31	94.7
WINONA	72	63	11	146	419,398	30	89.7
ATP 6 TOTAL	**896**	**808**	**140**	**1,844**	**5,431,073**	**33**	**91.1**

ATP 7	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	101	38	3	142	675,319	37	91.7
BROWN	46	46	3	95	414,946	36	91.6
COTTONWOOD	59	73	2	134	295,051	39	92.6
FARIBAULT	75	111	1	187	463,964	33	89.2
JACKSON	67	95	1	163	332,341	33	91.1
LE SUEUR	37	10	4	51	127,996	35	92.1
MARTIN	47	68	7	122	258,963	45	87.1
NICOLLET	20	14	0	34	95,713	26	96.6
NOBLES	81	176	5	262	414,476	35	93.5
ROCK	94	127	8	229	448,031	25	95.0
SIBLEY	42	40	1	83	191,713	21	94.6
WASECA	39	25	0	64	148,959	36	87.9
WATONWAN	73	63	1	137	304,382	36	94.3
ATP 7 TOTAL	**781**	**886**	**36**	**1,703**	**4,171,854**	**34**	**92.1**

AVERAGE AGE AND CONDITION OF STRUCTURES
LOCAL STRUCTURES OVER 20 FT
2016

ATP 8	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	26	67	3	96	218,191	34	85.5
KANDIYOHI	36	29	3	68	172,662	38	89.9
LAC QUI PARLE	61	94	0	155	419,310	29	92.0
LINCOLN	41	48	0	89	141,714	36	85.0
LYON	98	91	11	200	467,484	32	95.3
MCLEOD	35	28	5	68	323,918	28	95.1
MEEKER	17	30	2	49	122,497	34	92.4
MURRAY	53	66	1	120	257,515	32	93.9
PIPESTONE	55	99	3	157	301,763	26	91.1
REDWOOD	86	88	5	179	474,685	35	86.6
RENVILLE	64	58	1	123	252,664	35	83.2
YELLOW MEDICINE	82	100	2	184	433,258	32	94.0
ATP 8 TOTAL	**654**	**798**	**36**	**1,488**	**3,585,660**	**32**	**90.6**

METRO	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	45	1	24	70	647,395	26	91.4
CARVER	37	17	20	74	254,618	31	86.2
CHISAGO	27	11	7	45	83,257	30	91.7
DAKOTA	46	30	29	105	564,382	27	94.1
HENNEPIN	107	0	200	307	3,043,313	40	82.2
RAMSEY	49	0	47	96	1,610,178	30	82.0
SCOTT	34	13	24	71	370,598	22	93.9
WASHINGTON	8	5	16	29	154,278	27	89.0
METRO TOTAL	**353**	**77**	**367**	**797**	**6,728,018**	**32**	**86.7**

	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	**4,934**	**3,861**	**732**	**9,527**	**31,037,103**	**32**	**91.3**

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
2016

DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	1	43	24	78	0	0	23	110
TRUNK HWY	9	36	58	54	10	4	58	93
COUNTY	245	63	584	11	12	20	577	56
TOWNSHIP	270	86	466	4	35	57	443	89
CITY	57	99	86	12	2	11	85	92
TOTAL	**582**	**327**	**1,218**	**159**	**59**	**92**	**1,186**	**440**

RAILROAD DEFICIENCIES

ROUTE SYSTEM	TOTAL # OF RR BR's	NUMBER DEFICIENT	EST IMPR COST
INTERSTATE	36	9	$35,259,000
TRUNK HWY	71	26	$51,915,800
COUNTY	76	49	$112,827,500
TOWNSHIP	27	22	$33,063,000
CITY	124	92	$245,832,100
TOTAL	**334**	**198**	**$478,897,400**

DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING <= 80
2016

DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	34	19	33	0	0	18	56
TRUNK HWY	9	34	55	18	4	4	55	49
COUNTY	244	60	574	7	4	17	566	39
TOWNSHIP	268	81	458	3	23	50	433	69
CITY	57	79	84	8	2	10	83	67
TOTAL	**578**	**288**	**1,190**	**69**	**33**	**81**	**1,155**	**280**

DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING < 50
2016

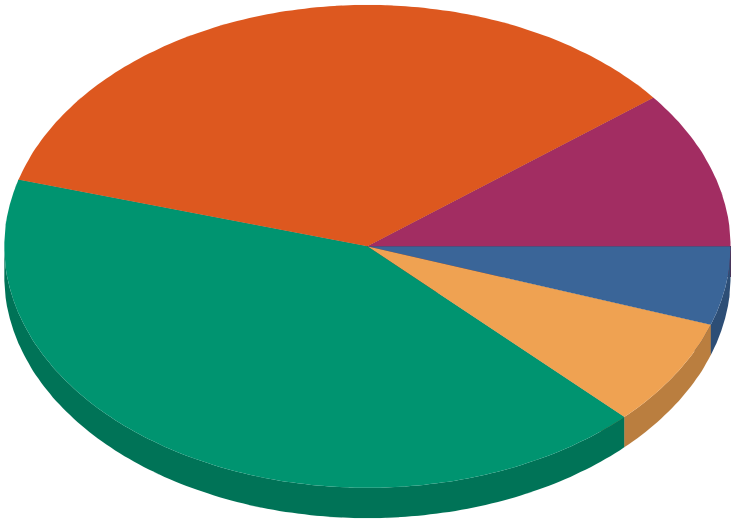
DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	0	4	0	0	0	3	1
TRUNK HWY	4	1	13	3	1	0	13	0
COUNTY	153	37	210	3	2	6	207	9
TOWNSHIP	194	53	216	0	12	27	198	25
CITY	43	23	57	3	2	5	56	6
TOTAL	**394**	**114**	**500**	**9**	**17**	**38**	**477**	**41**

ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING <= 80
2016

PERCENTAGE OF DEFICIENT STRUCTURES

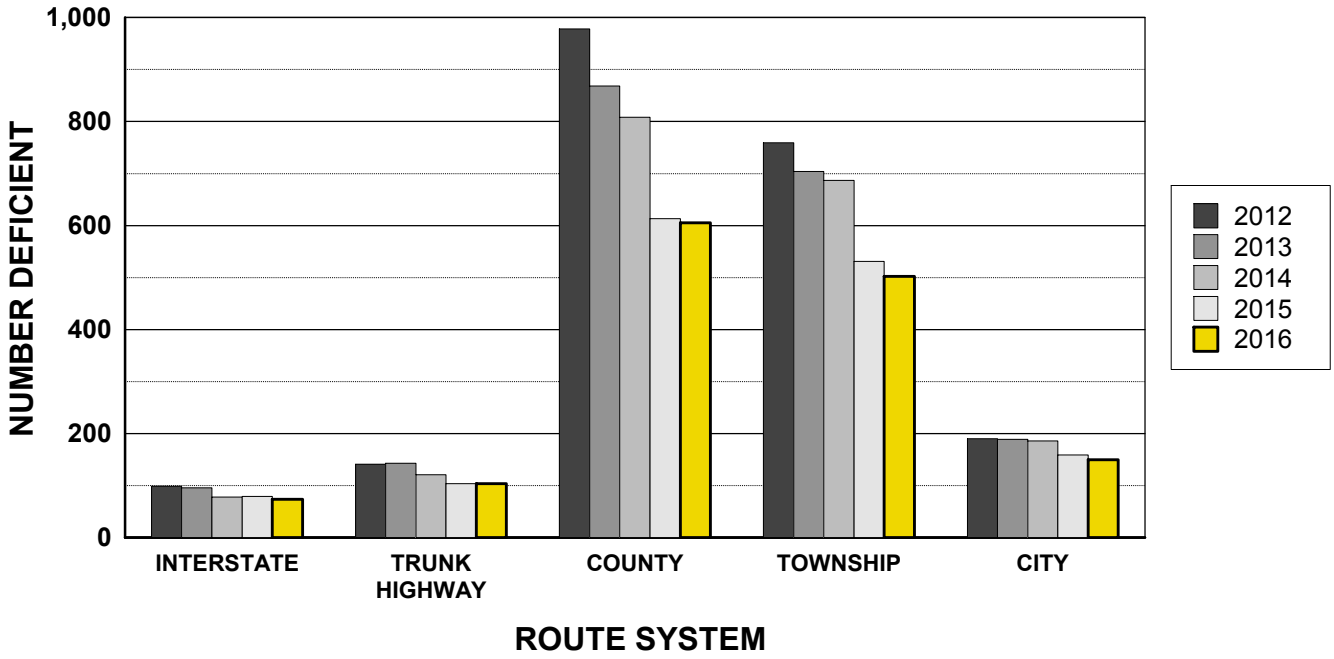
1,435 DEFICIENT STRUCTURES



INTERSTATE	5.2%
TRUNK HIGHWAY	7.2%
COUNTY	42.2%
TOWNSHIP	35.0%
CITY	10.5%
Total:	100.0%

ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING <= 80
2016

DEFICIENT STRUCTURE HISTORY



NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING <= 80
STRUCTURES 10 FT AND OVER
2016

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
01-AITKIN	2	3	2	0	7
02-ANOKA	3	4	0	0	7
03-BECKER	1	2	2	0	5
04-BELTRAMI	2	0	0	1	3
05-BENTON	0	4	2	0	6
06-BIG STONE	0	0	0	0	0
07-BLUE EARTH	1	12	2	0	15
08-BROWN	1	3	5	0	9
09-CARLTON	4	8	1	0	13
10-CARVER	0	11	7	7	25
11-CASS	2	6	1	1	10
12-CHIPPEWA	3	5	14	0	22
13-CHISAGO	1	4	3	1	9
14-CLAY	0	10	8	1	19
15-CLEARWATER	0	0	0	0	0
16-COOK	2	15	0	0	17
17-COTTONWOOD	0	2	7	0	9
18-CROW WING	1	2	3	2	8
19-DAKOTA	5	1	1	0	7
20-DODGE	0	9	9	0	18
21-DOUGLAS	2	0	1	0	3
22-FARIBAULT	0	14	21	0	35
23-FILLMORE	3	37	32	2	74
24-FREEBORN	0	3	0	0	3
25-GOODHUE	1	3	18	5	27
26-GRANT	0	5	2	0	7

NUMBER OF DEFICIENT STRUCTURES BY COUNTY AND ROUTE SYSTEM SUFFICIENCY RATING <= 80 STRUCTURES 10 FT AND OVER 2016

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
27-HENNEPIN	50	25	0	61	136
28-HOUSTON	0	4	19	0	23
29-HUBBARD	0	3	1	0	4
30-ISANTI	0	1	1	0	2
31-ITASCA	2	15	2	2	21
32-JACKSON	1	9	8	0	18
33-KANABEC	0	0	0	0	0
34-KANDIYOHI	0	4	5	0	9
35-KITTSON	1	1	4	0	6
36-KOOCHICHING	1	3	2	0	6
37-LAC QUI PARLE	0	3	10	0	13
38-LAKE	2	3	0	0	5
39-LAKE OF THE WOOD	0	2	0	0	2
40-LE SUEUR	1	3	0	0	4
41-LINCOLN	0	19	29	0	48
42-LYON	1	6	5	1	13
43-MCLEOD	0	2	2	1	5
44-MAHNOMEN	0	3	3	0	6
45-MARSHALL	1	4	3	0	8
46-MARTIN	0	3	14	2	19
47-MEEKER	1	2	1	1	5
48-MILLE LACS	1	1	1	1	4
49-MORRISON	0	12	9	0	21
50-MOWER	5	22	39	5	71
51-MURRAY	0	7	9	0	16
52-NICOLLET	2	0	0	0	2

NUMBER OF DEFICIENT STRUCTURES BY COUNTY AND ROUTE SYSTEM SUFFICIENCY RATING <= 80 STRUCTURES 10 FT AND OVER 2016

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
53-NOBLES	0	2	6	2	10
54-NORMAN	0	8	4	0	12
55-OLMSTED	4	7	1	4	16
56-OTTER TAIL	0	7	3	1	11
57-PENNINGTON	0	2	0	0	2
58-PINE	3	8	2	1	14
59-PIPESTONE	0	15	22	2	39
60-POLK	3	2	8	0	13
61-POPE	0	0	1	0	1
62-RAMSEY	27	12	0	10	49
63-RED LAKE	0	0	2	0	2
64-REDWOOD	1	20	37	3	61
65-RENVILLE	0	34	18	0	52
66-RICE	1	1	4	4	10
67-ROCK	0	13	7	3	23
68-ROSEAU	0	2	6	0	8
69-ST LOUIS	11	80	15	13	119
70-SCOTT	3	2	0	2	7
71-SHERBURNE	2	4	0	0	6
72-SIBLEY	1	7	2	0	10
73-STEARNS	0	4	2	1	7
74-STEELE	2	6	6	1	15
75-STEVENS	0	1	0	0	1
76-SWIFT	0	1	7	0	8
77-TODD	1	3	4	1	9
78-TRAVERSE	0	2	2	0	4

NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING <= 80
STRUCTURES 10 FT AND OVER
2016

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
79-WABASHA	2	2	2	0	6
80-WADENA	0	2	1	0	3
81-WASECA	0	10	1	0	11
82-WASHINGTON	1	1	0	4	6
83-WATONWAN	0	2	3	0	5
84-WILKIN	1	11	10	0	22
85-WINONA	10	12	6	4	32
86-WRIGHT	0	0	3	0	3
87-YELLOW MEDICINE	2	2	9	0	13
TOTAL	**178**	**605**	**502**	**150**	**1435**

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
2016

DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	1	43	24	78	0	0	23	110
TRUNK HWY	9	35	38	54	7	4	38	89
COUNTY	220	59	414	11	9	11	411	44
TOWNSHIP	199	63	269	4	18	35	254	61
CITY	48	75	62	12	1	9	62	69
TOTAL	**477**	**275**	**807**	**159**	**35**	**59**	**788**	**373**

RAILROAD DEFICIENCIES

ROUTE SYSTEM	TOTAL # OF RR BR's	NUMBER DEFICIENT	EST IMPR COST
INTERSTATE	36	9	$35,259,000
TRUNK HWY	70	25	$51,915,800
COUNTY	75	48	$111,974,500
TOWNSHIP	27	22	$33,063,000
CITY	124	92	$245,832,100
TOTAL	**332**	**196**	**$478,044,400**

DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING <= 80
2016

DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	34	19	33	0	0	18	56
TRUNK HWY	9	33	37	18	3	4	37	47
COUNTY	219	56	406	7	2	10	402	30
TOWNSHIP	197	59	264	3	12	33	249	50
CITY	48	62	60	8	1	8	60	51
TOTAL	**473**	**244**	**786**	**69**	**18**	**55**	**766**	**234**

DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING < 50
2016

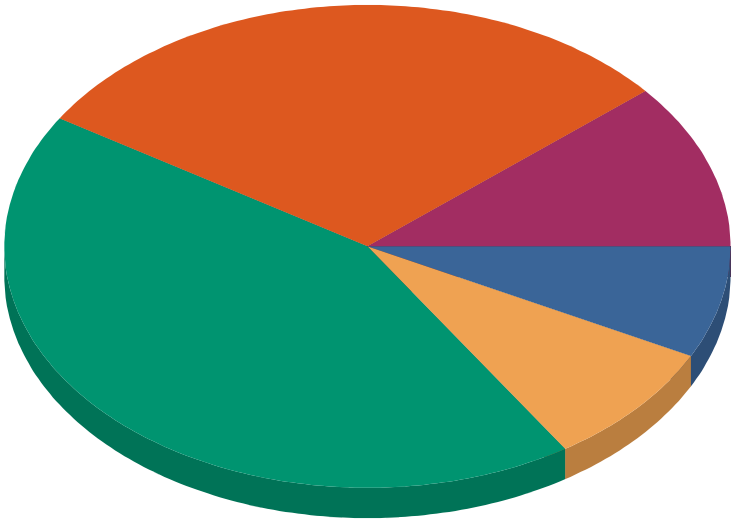
DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	0	4	0	0	0	3	1
TRUNK HWY	4	1	11	3	1	0	11	0
COUNTY	135	35	169	3	2	4	167	8
TOWNSHIP	140	37	146	0	6	18	135	16
CITY	36	21	44	3	1	5	44	5
TOTAL	**315**	**94**	**374**	**9**	**10**	**27**	**360**	**30**

ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING <= 80
2016

PERCENTAGE OF DEFICIENT STRUCTURES

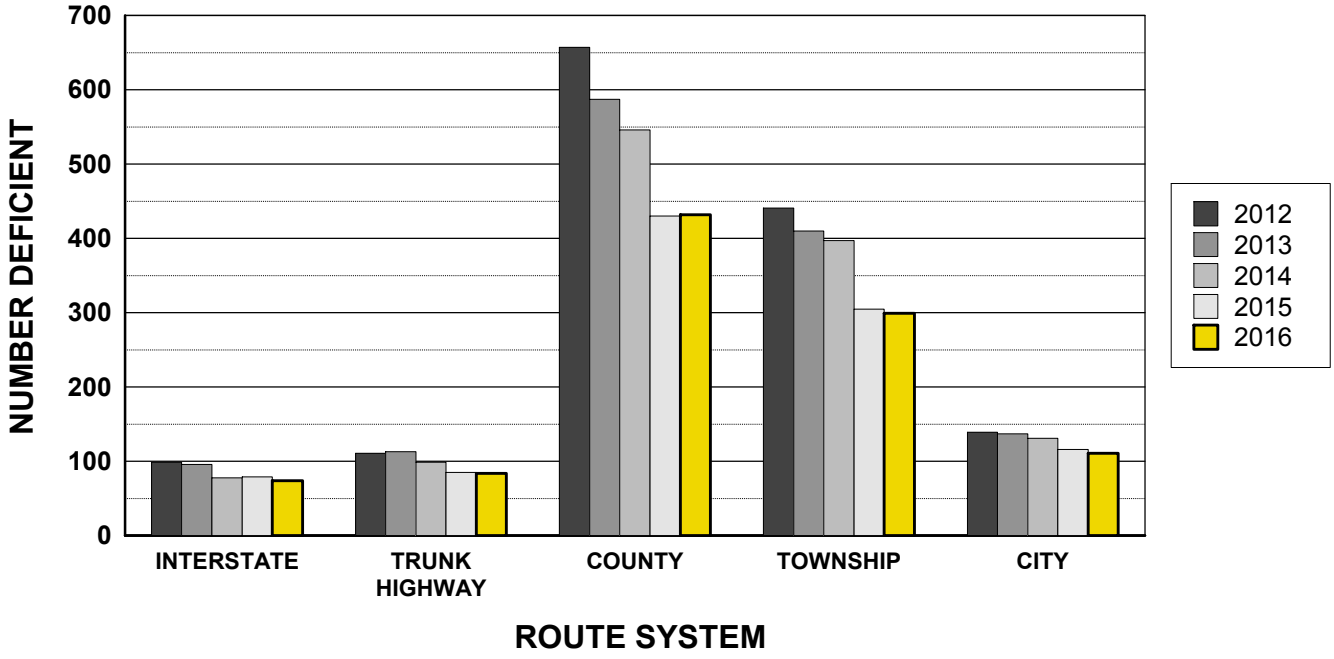
1,000 DEFICIENT STRUCTURES



INTERSTATE	7.4%
TRUNK HIGHWAY	8.4%
COUNTY	43.2%
TOWNSHIP	29.9%
CITY	11.1%
Total:	100.0%

ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING <= 80
2016

DEFICIENT STRUCTURE HISTORY



NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING <= 80
STRUCTURES OVER 20 FT
2016

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
01-AITKIN	1	3	1	0	5
02-ANOKA	3	2	0	0	5
03-BECKER	1	2	1	0	4
04-BELTRAMI	2	0	0	1	3
05-BENTON	0	4	2	0	6
06-BIG STONE	0	0	0	0	0
07-BLUE EARTH	0	8	2	0	10
08-BROWN	1	2	2	0	5
09-CARLTON	3	6	1	0	10
10-CARVER	0	9	3	4	16
11-CASS	1	4	1	1	7
12-CHIPPEWA	3	5	11	0	19
13-CHISAGO	1	3	2	0	6
14-CLAY	0	7	8	1	16
15-CLEARWATER	0	0	0	0	0
16-COOK	0	6	0	0	6
17-COTTONWOOD	0	1	4	0	5
18-CROW WING	1	0	2	0	3
19-DAKOTA	5	1	1	0	7
20-DODGE	0	4	6	0	10
21-DOUGLAS	2	0	1	0	3
22-FARIBAULT	0	12	11	0	23
23-FILLMORE	2	21	17	0	40
24-FREEBORN	0	3	0	0	3
25-GOODHUE	1	2	9	4	16
26-GRANT	0	3	1	0	4

NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING <= 80
STRUCTURES OVER 20 FT
2016

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
27-HENNEPIN	50	21	0	46	117
28-HOUSTON	0	2	11	0	13
29-HUBBARD	0	3	0	0	3
30-ISANTI	0	0	1	0	1
31-ITASCA	2	10	0	1	13
32-JACKSON	1	6	8	0	15
33-KANABEC	0	0	0	0	0
34-KANDIYOHI	0	2	3	0	5
35-KITTSON	1	1	4	0	6
36-KOOCHICHING	1	2	1	0	4
37-LAC QUI PARLE	0	3	6	0	9
38-LAKE	2	3	0	0	5
39-LAKE OF THE WOOD	0	0	0	0	0
40-LE SUEUR	1	2	0	0	3
41-LINCOLN	0	10	13	0	23
42-LYON	1	5	4	1	11
43-MCLEOD	0	1	1	1	3
44-MAHNOMEN	0	3	3	0	6
45-MARSHALL	1	4	3	0	8
46-MARTIN	0	3	12	2	17
47-MEEKER	0	1	1	0	2
48-MILLE LACS	1	1	0	1	3
49-MORRISON	0	10	5	0	15
50-MOWER	5	18	24	5	52
51-MURRAY	0	5	5	0	10
52-NICOLLET	2	0	0	0	2

NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING <= 80
STRUCTURES OVER 20 FT
2016

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
53-NOBLES	0	2	5	1	8
54-NORMAN	0	6	3	0	9
55-OLMSTED	3	7	1	3	14
56-OTTER TAIL	0	5	3	1	9
57-PENNINGTON	0	1	0	0	1
58-PINE	3	5	1	1	10
59-PIPESTONE	0	12	9	2	23
60-POLK	3	2	4	0	9
61-POPE	0	0	1	0	1
62-RAMSEY	27	11	0	9	47
63-RED LAKE	0	0	1	0	1
64-REDWOOD	1	12	16	3	32
65-RENVILLE	0	15	11	0	26
66-RICE	1	0	1	3	5
67-ROCK	0	10	3	2	15
68-ROSEAU	0	2	6	0	8
69-ST LOUIS	10	64	9	10	93
70-SCOTT	2	1	0	1	4
71-SHERBURNE	2	4	0	0	6
72-SIBLEY	0	5	1	0	6
73-STEARNS	0	4	0	1	5
74-STEELE	2	3	4	1	10
75-STEVENS	0	1	0	0	1
76-SWIFT	0	1	4	0	5
77-TODD	1	2	1	0	4
78-TRAVERSE	0	2	1	0	3

NUMBER OF DEFICIENT STRUCTURES
BY COUNTY AND ROUTE SYSTEM
SUFFICIENCY RATING <= 80
STRUCTURES OVER 20 FT
2016

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
79-WABASHA	1	2	1	0	4
80-WADENA	0	2	0	0	2
81-WASECA	0	6	1	0	7
82-WASHINGTON	1	1	0	3	5
83-WATONWAN	0	1	3	0	4
84-WILKIN	1	6	9	0	16
85-WINONA	5	11	2	2	20
86-WRIGHT	0	0	1	0	1
87-YELLOW MEDICINE	0	2	6	0	8
TOTAL	**158**	**432**	**299**	**111**	**1000**

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**

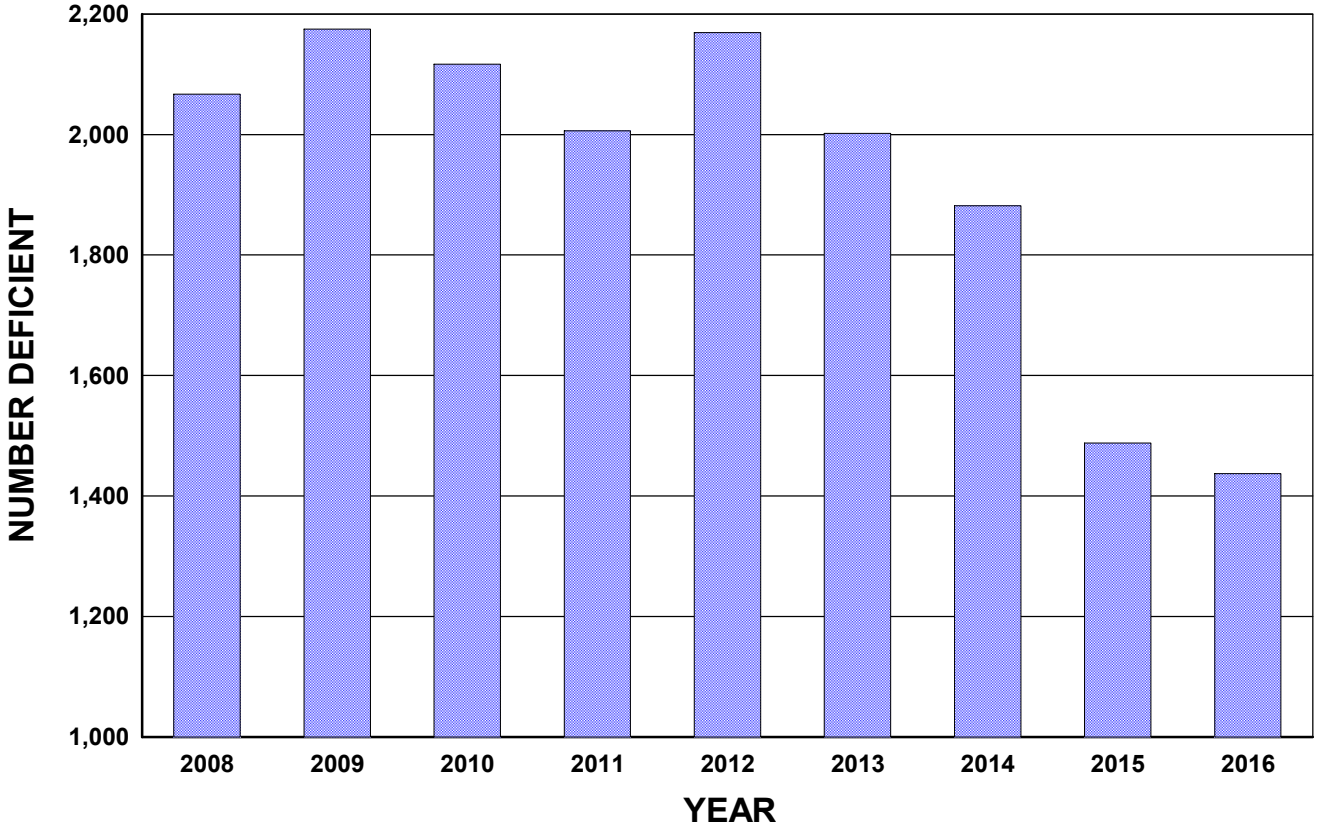
Condition: Appraisal Rating of **4 or less** for: **Deck, Superstructure, Substructure, or Culvert**
OR
Appraisal Rating of **3 or less** for: **Structure Evaluation**

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

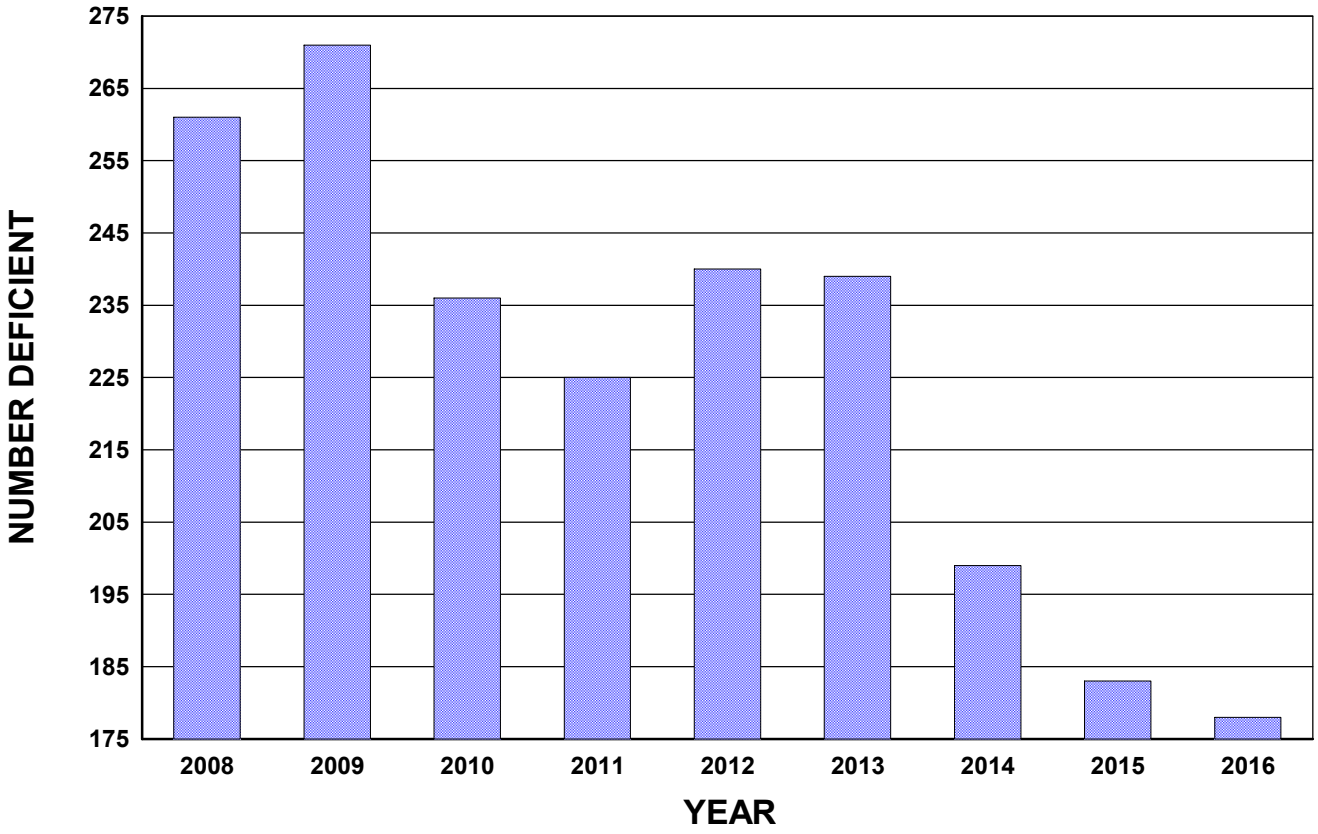
Width: Appraisal Rating of **3 or less** for **Deck Geometry**

Load: Bridge **is Posted for Single Vehicle, Semi, or Double-Trailer Trucks**
AND
Bridge **has one or more of the above individual deficiencies**

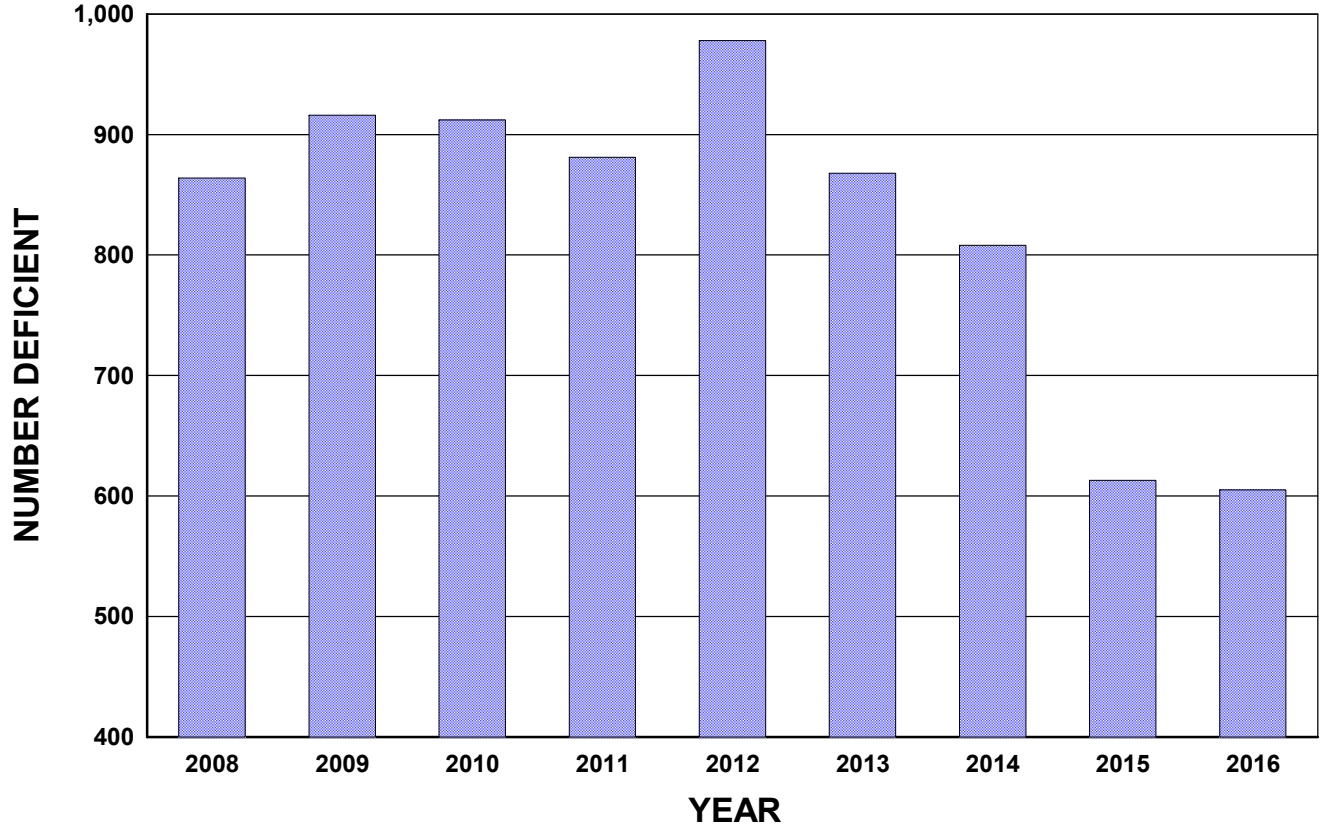
DEFICIENT STRUCTURE HISTORY
ALL ROUTE SYSTEMS
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2016



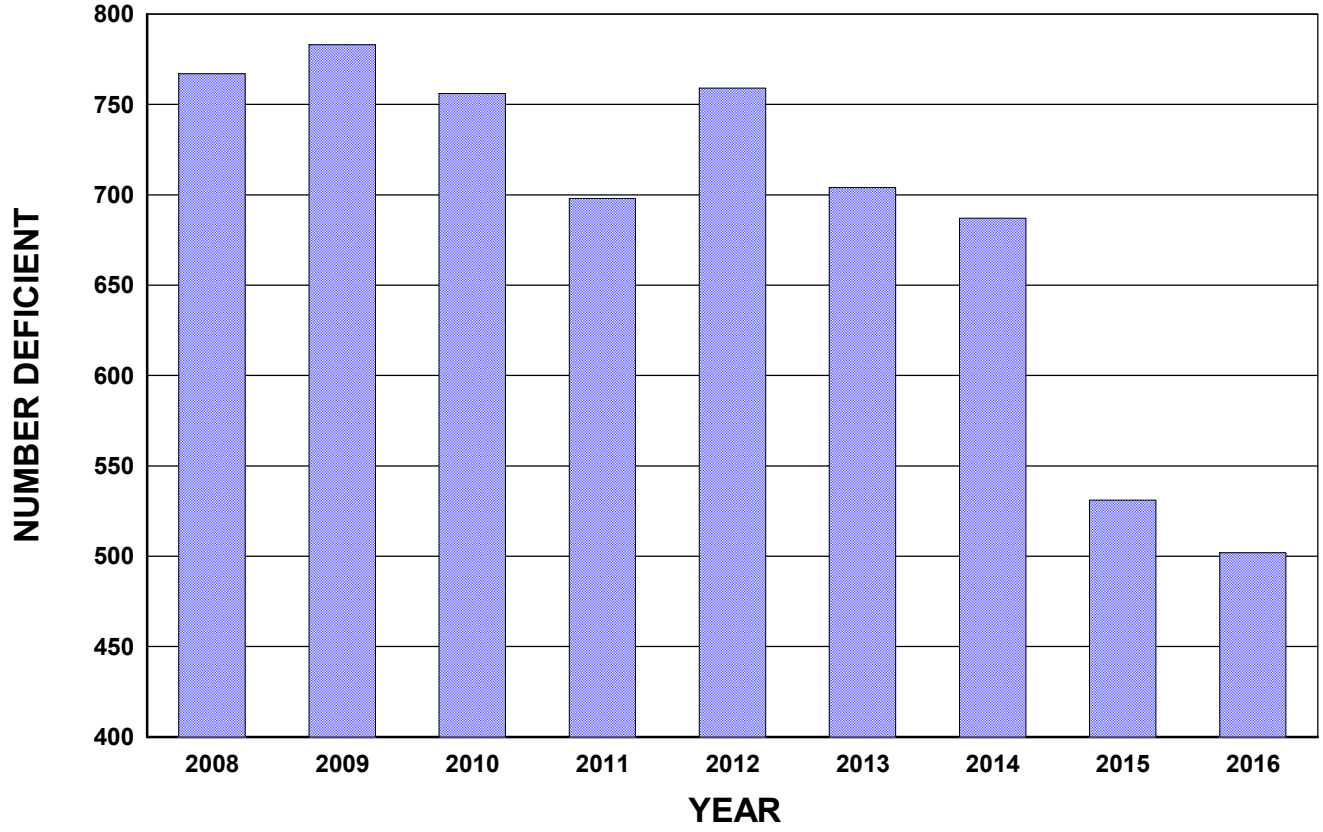
DEFICIENT STRUCTURE HISTORY
INTERSTATE AND TRUNK HIGHWAY
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2016



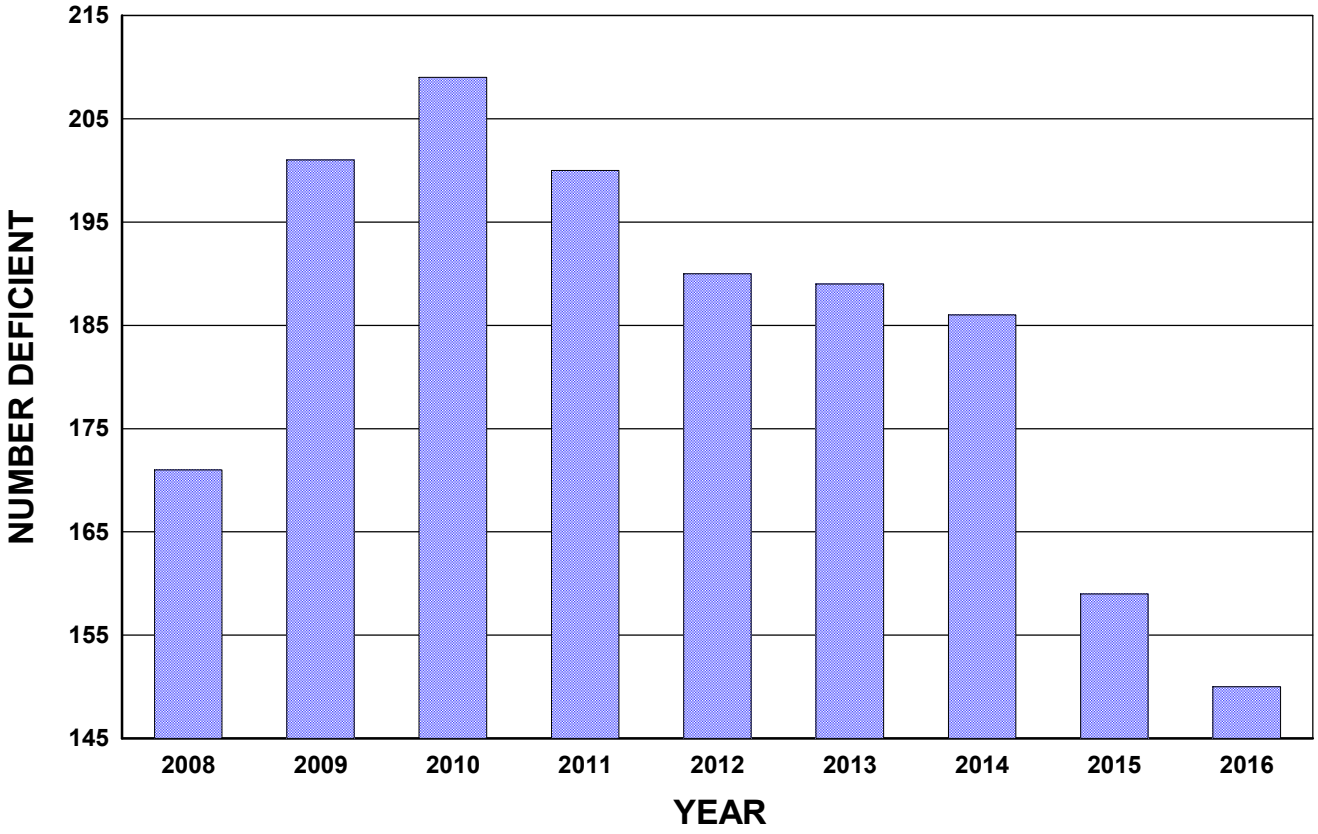
DEFICIENT STRUCTURE HISTORY
COUNTY HIGHWAY
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2016



DEFICIENT STRUCTURE HISTORY
TOWNSHIP ROAD
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2016



DEFICIENT STRUCTURE HISTORY
CITY STREET
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2016



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.

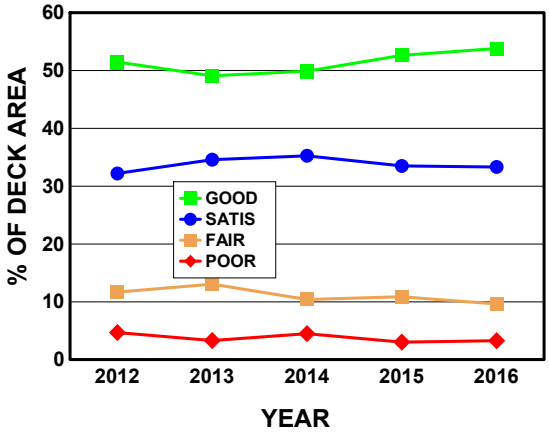
Acceptable - The inventory rating is less than HS25, and there are no permit limitations or posted restrictions.

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
2016

STRUCTURAL CONDITION

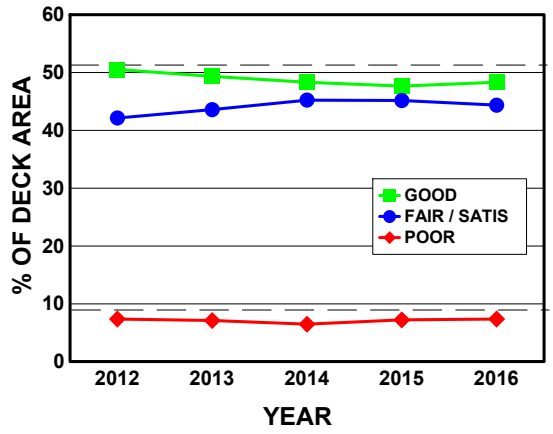


TARGETS	55% GOOD CONDITION						
	2% POOR CONDITION (STRUCTURALLY DEFICIENT)						
MEASURES	CONDITION CODES				APPRAISAL RATINGS		
	DECK	SUPER STRUCTURE	SUB STRUCTURE	CULVERT	STRUCT EVAL	WATERWAY ADEQUACY	
GOOD	≥ 7	≥ 7	≥ 7	≥ 7	≥ 6	≥ 6	
POOR	≤ 4	≤ 4	≤ 4	≤ 4	≤ 2	≤ 2	

HISTORY	2012	2013	2014	2015	2016
GOOD	51.5%	49.1%	49.9%	52.6%	53.8%
SATIS	32.2%	34.6%	35.2%	33.5%	33.3%
FAIR	11.6%	13.0%	10.4%	10.9%	9.6%
POOR	4.7%	3.3%	4.5%	3.0%	3.3%

ANALYSIS

GEOMETRIC RATING

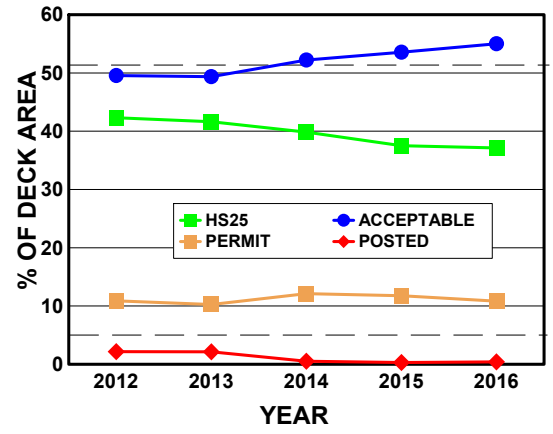


TARGETS	50% GOOD CONDITION				
	5% POOR CONDITION (FUNCTIONALLY OBSOLETE)				
MEASURES	APPRAISAL RATINGS				
	STRUCTURAL EVALUATION	DECK GEOMETRY	UNDER CLEARANCE	WATERWAY ADEQUACY	APPROACH ALIGNMENT
GOOD	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6
POOR	= 3	≤ 3	≤ 3	= 3	≤ 3

HISTORY	2012	2013	2014	2015	2016
GOOD	50.5%	49.3%	48.3%	47.6%	48.3%
FAIR/SATIS	42.1%	43.6%	45.2%	45.2%	44.3%
POOR	7.4%	7.1%	6.5%	7.2%	7.4%

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

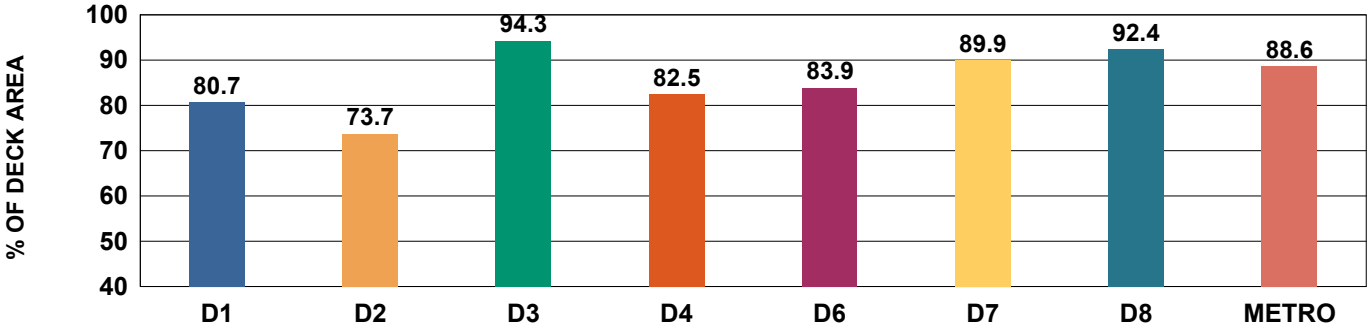
HISTORY	2012	2013	2014	2015	2016
HS25 (GOOD)	40.3%	40.3%	38.1%	36.4%	35.9%
ACCEPTABLE	47.2%	47.7%	49.8%	51.9%	53.2%
PERMIT	10.4%	9.9%	11.6%	11.4%	10.5%
POSTED (POOR)	2.1%	2.1%	0.5%	0.3%	0.4%

ANALYSIS

DISTRICT BRIDGE CONDITION SUMMARY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016

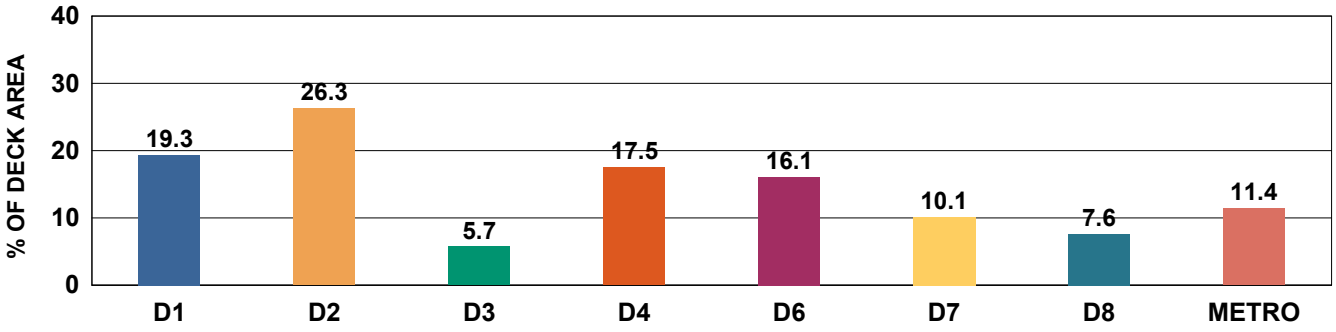
GOOD & SATISFACTORY

TARGET 84%



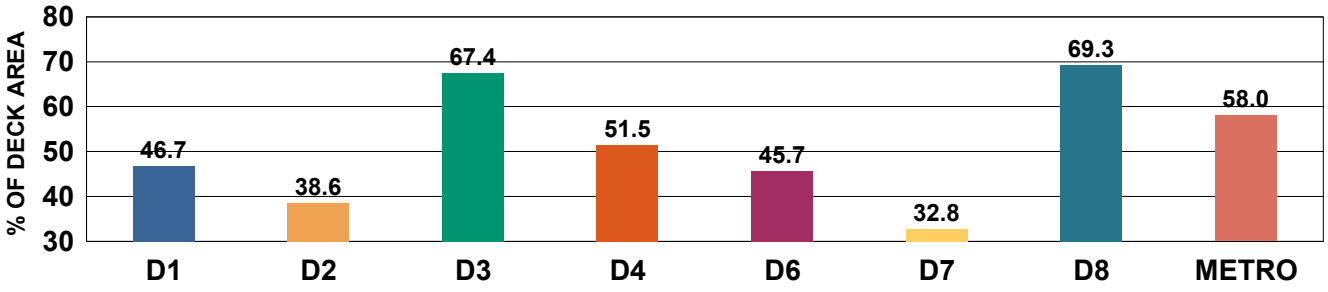
FAIR AND POOR

TARGET 16%



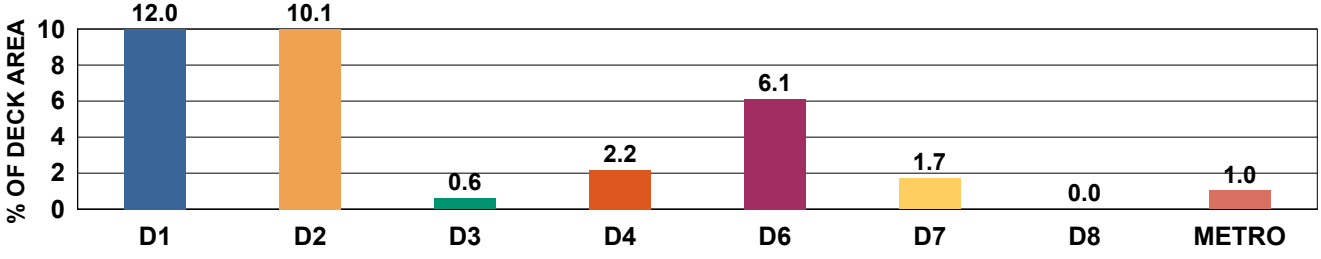
GOOD

TARGET 55%



POOR

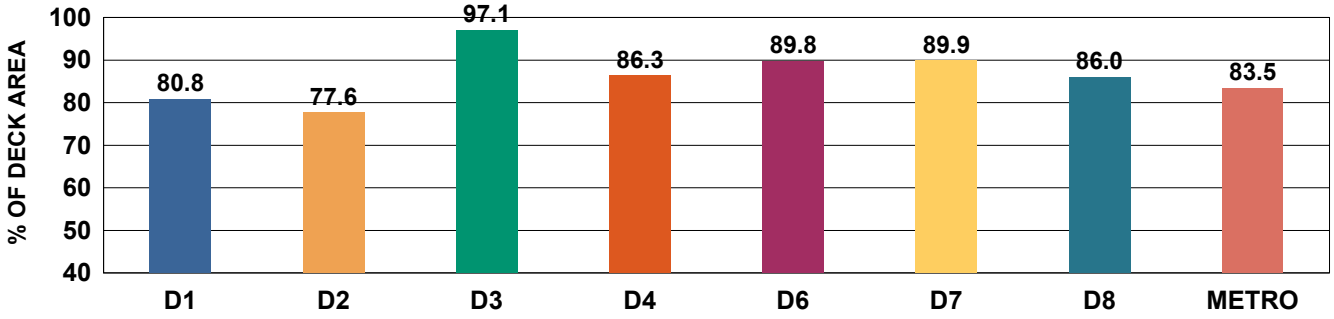
TARGET 2%



DISTRICT BRIDGE CONDITION SUMMARY
TRUNK HIGHWAY NON-PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016

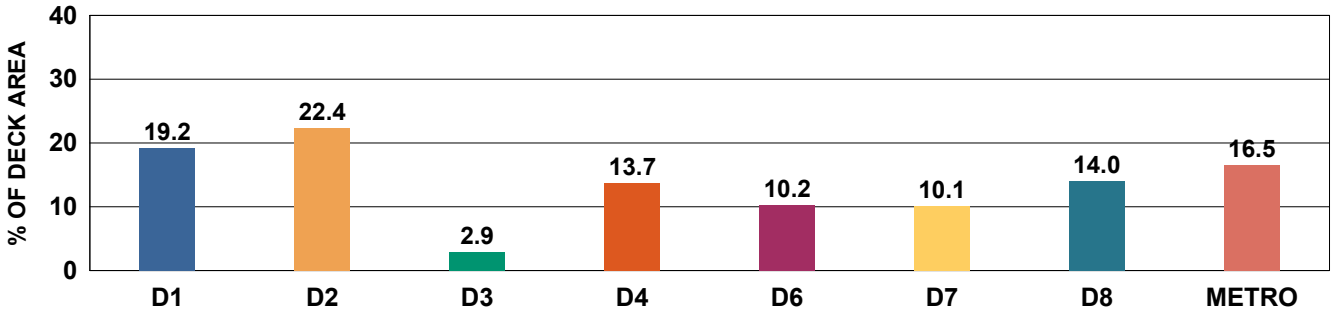
GOOD & SATISFACTORY

TARGET 80%



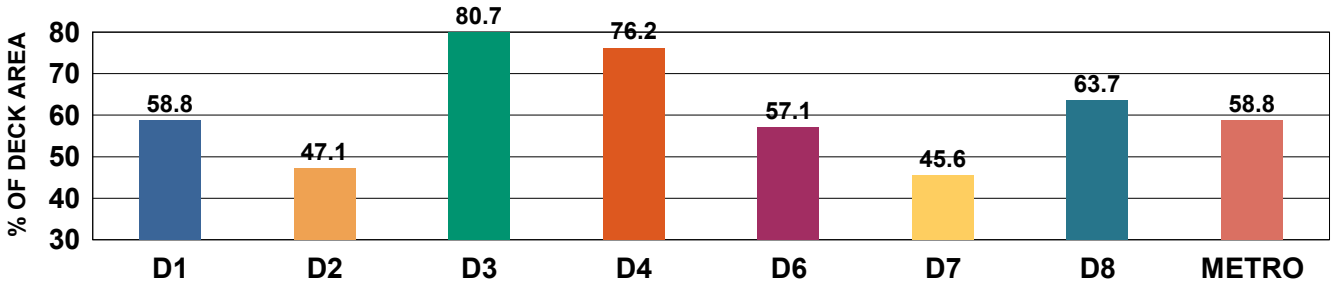
FAIR AND POOR

TARGET 20%



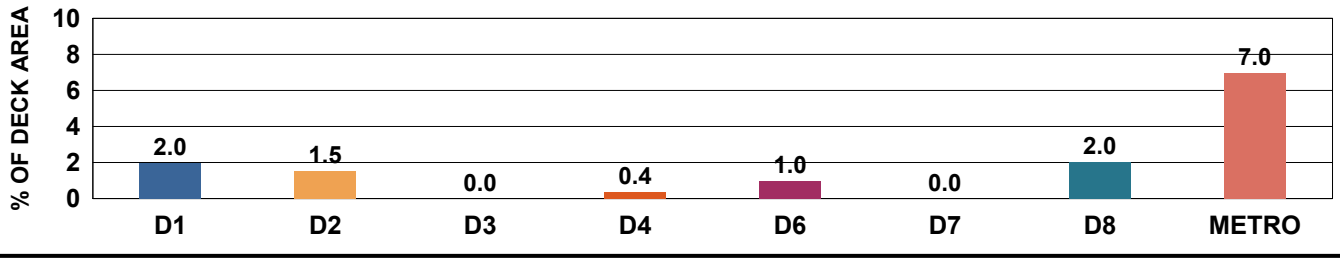
GOOD

TARGET 50%

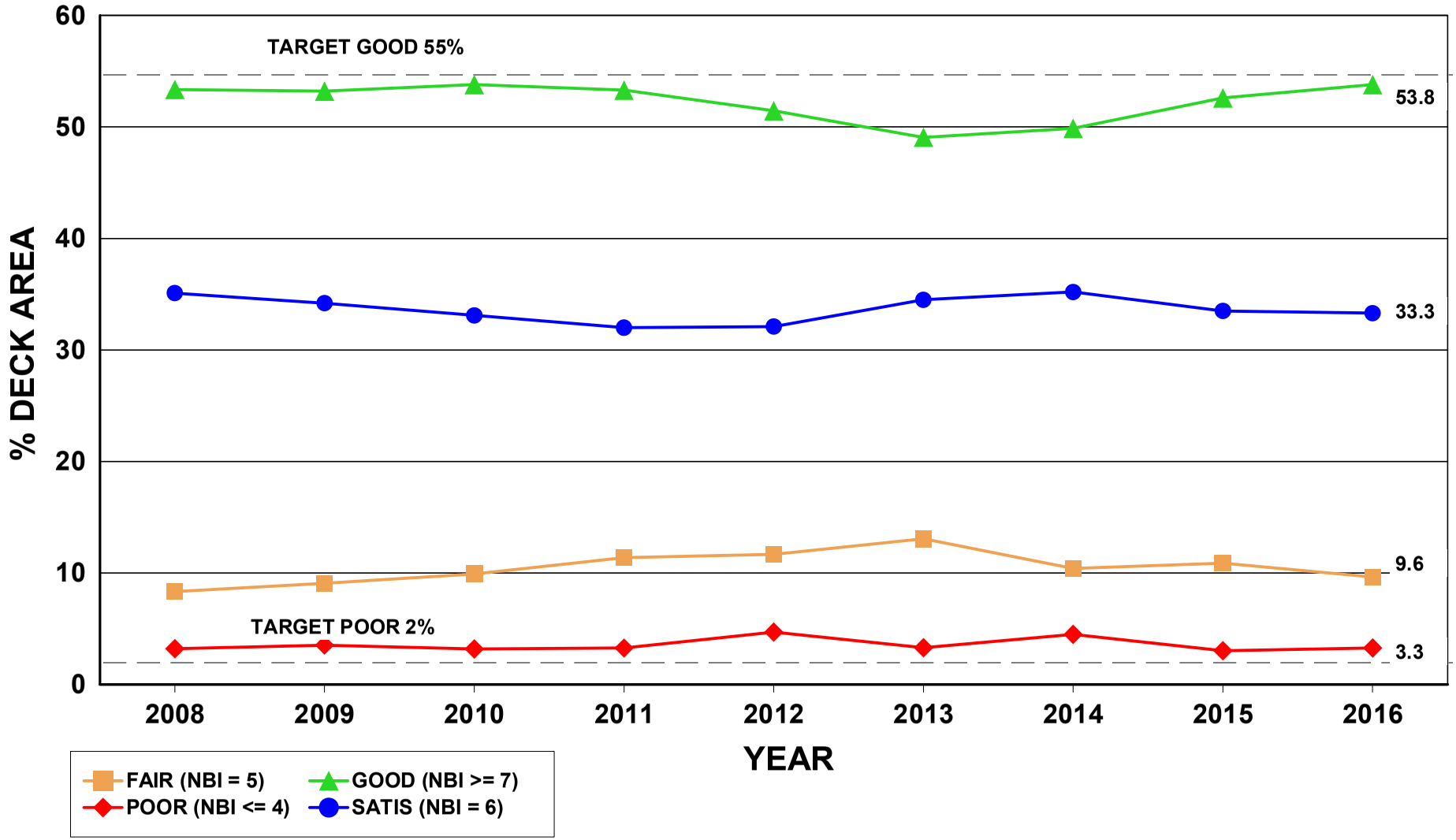


POOR

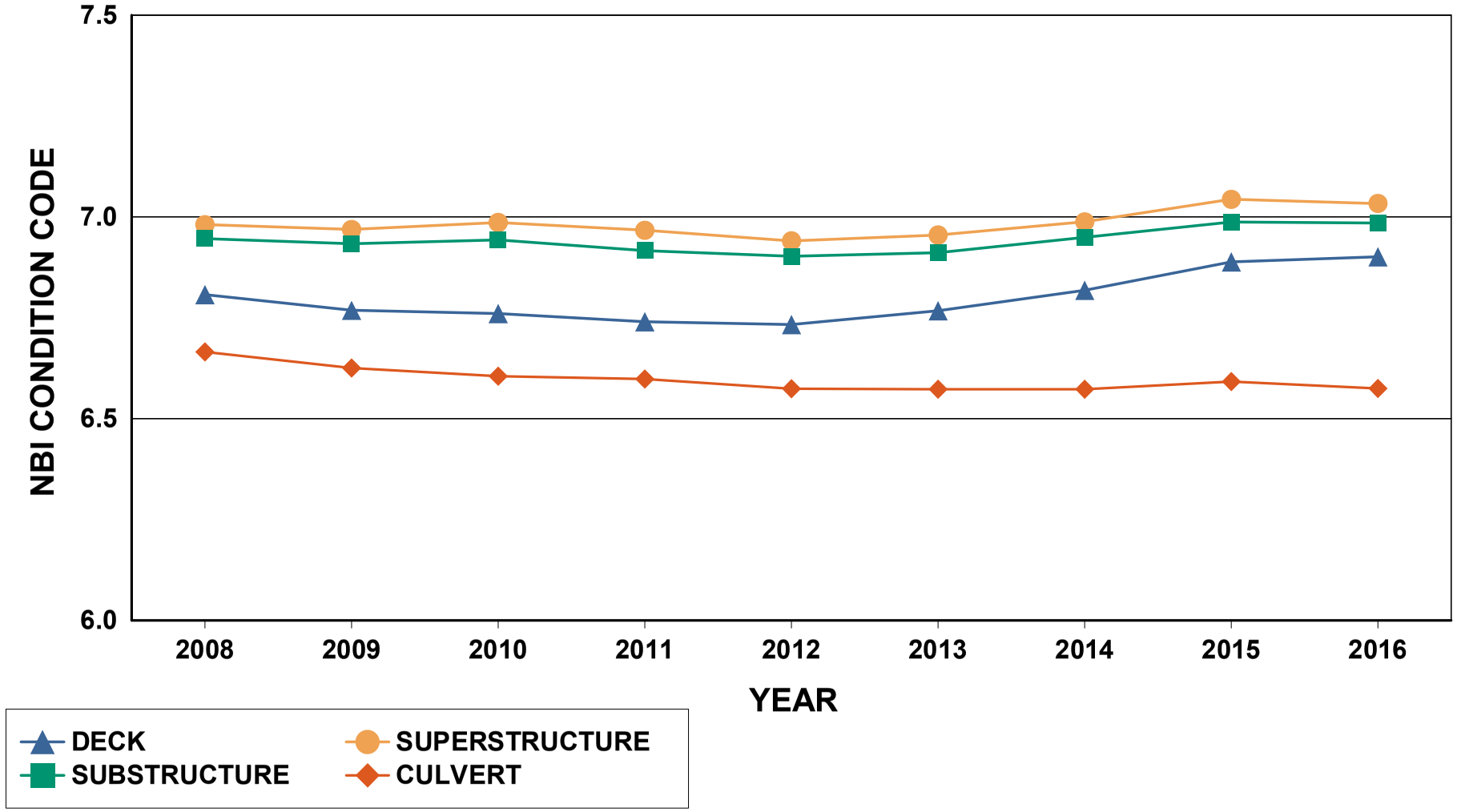
TARGET 8%



STATEWIDE BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



STATEWIDE TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



STATEWIDE TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	83.6	83.6	85.1	86.1	87.1	>=84%	84.0	84.0	84.9	85.0	85.2	>=80%	83.7	83.7	85.1	85.9	86.8
FAIR/ POOR	16.4	16.4	14.9	13.9	12.9	<=16%	16.0	16.0	15.1	15.0	14.8	<=20%	16.3	16.3	14.9	14.1	13.2
GOOD	51.5	49.1	49.9	52.6	53.8	>=55%	60.0	58.3	58.3	60.5	58.4	>=50%	52.8	50.5	51.0	53.7	54.4
POOR (SD)	4.7	3.3	4.5	3.0	3.3	<2%	2.1	3.1	1.3	3.1	2.9	<8%	4.3	3.3	4.1	3.0	3.2

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	50.5	49.3	48.3	47.6	48.3	>=50%	56.6	57.3	57.2	61.8	62.9	>=50%	51.5	50.5	49.6	49.6	50.4
FAIR/SATIS	42.1	43.6	45.2	45.2	44.3		34.7	33.8	33.8	29.3	28.7		40.9	42.1	43.6	43.0	42.1
POOR (FO)	7.4	7.1	6.5	7.2	7.4	<5%	8.7	8.9	9.0	8.9	8.4	<5%	7.6	7.4	6.8	7.4	7.5

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	40.3	40.3	38.1	36.4	35.9	>=50%	38.5	38.4	35.8	33.6	33.1	>=40%	40.0	40.0	37.8	36.0	35.5
ACCEPT	47.2	47.7	49.8	51.9	53.2		52.6	52.8	55.2	58.3	59.1		48.1	48.5	50.6	52.8	54.1
PERMIT	10.4	9.9	11.6	11.4	10.5		8.2	8.1	8.4	7.6	7.4		10.0	9.6	11.1	10.9	10.0
POST/SIGN	2.1	2.1	0.5	0.3	0.4	0%	0.7	0.7	0.6	0.5	0.4	0%	1.9	1.9	0.5	0.3	0.4

STATEWIDE TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	2,331	38,091,815	87.1	>= 84%	891	6,122,762	85.2	>= 80%	3,222	44,214,578	86.8
FAIR/POOR	271	5,636,966	12.9	<= 16%	172	1,065,711	14.8	<= 20%	443	6,702,677	13.2
TOTAL	2,602	43,728,781	100.0		1,063	7,188,473	100.0		3,665	50,917,255	100.0
GOOD	1,472	23,525,298	53.8	>= 55%	562	4,198,401	58.4	>= 50%	2,034	27,723,699	54.4
POOR (SD)	45	1,428,192	3.3	< 2%	16	208,428	2.9	< 8%	61	1,636,619	3.2

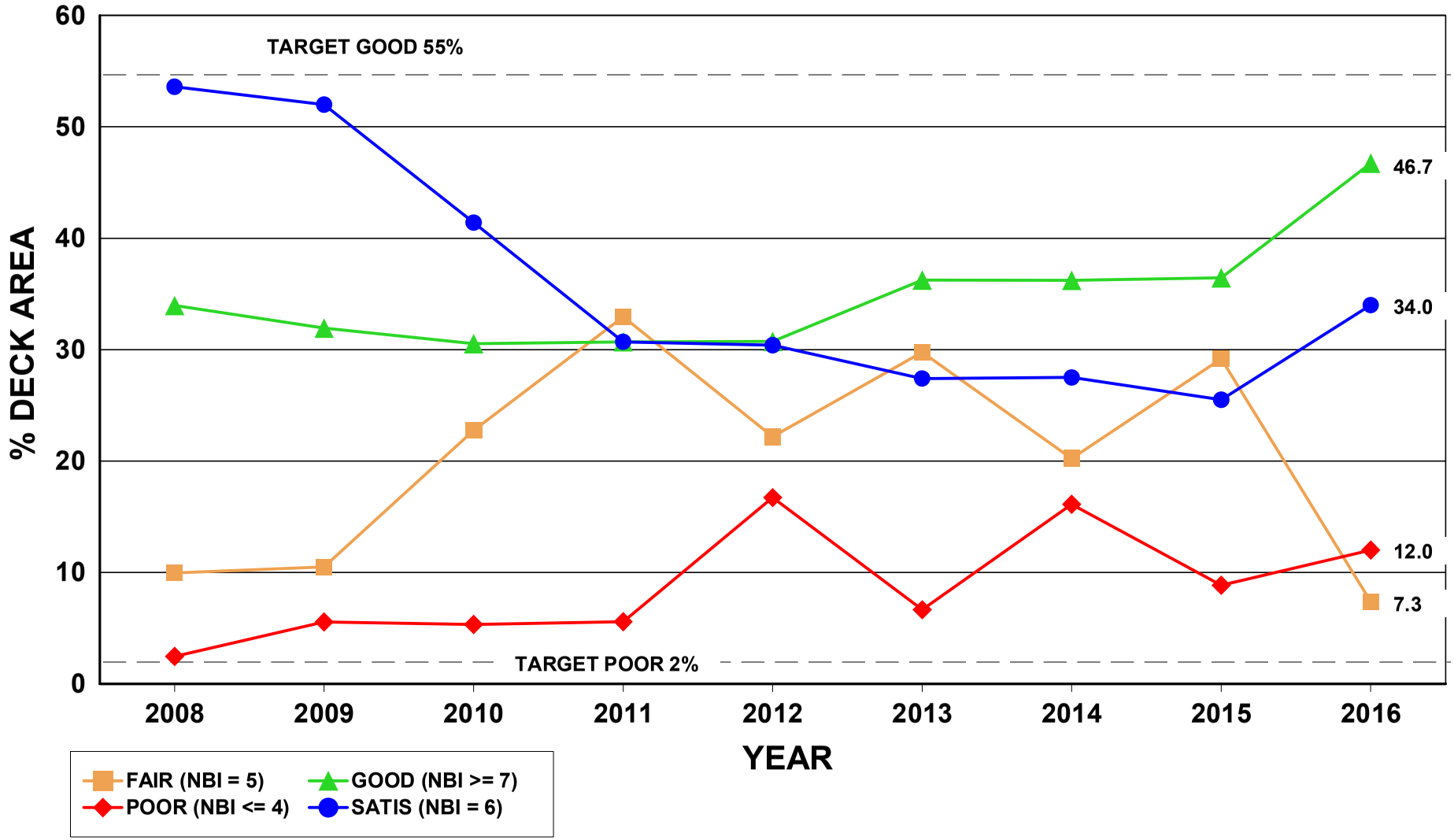
GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	1,369	20,431,805	48.3	>= 50%	746	4,388,008	62.9	>= 50%	2,115	24,819,813	50.4
FAIR/SATIS	1,009	18,757,713	44.3		281	2,005,471	28.7		1,290	20,763,184	42.1
POOR (SD)	179	3,111,071	7.4	< 5%	20	586,566	8.4	< 5%	199	3,697,637	7.5
TOTAL	2,557	42,300,589			1,047	6,980,045			3,604	49,280,634	

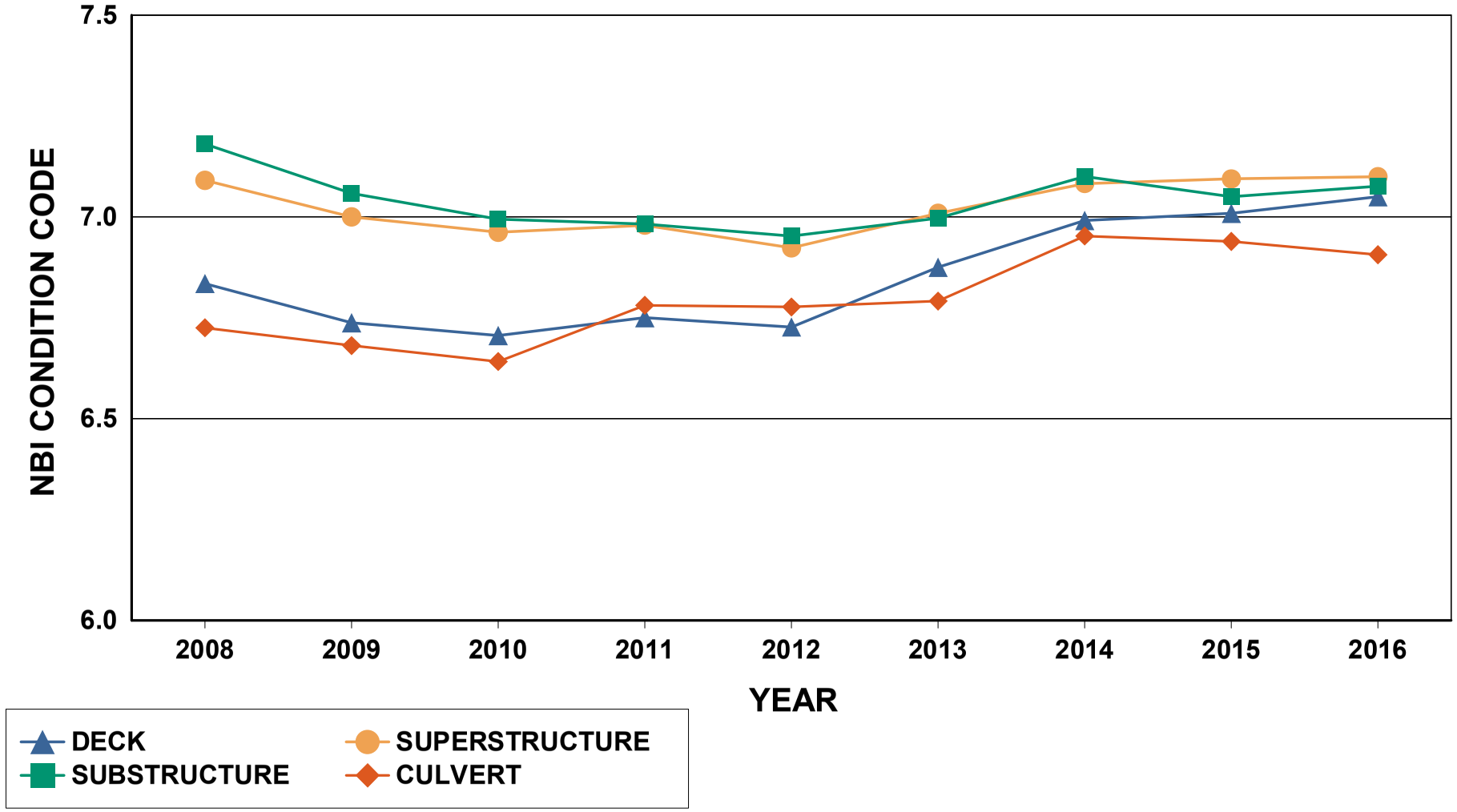
LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	868	15,706,946	35.9	>= 50%	276	2,376,535	33.1	>= 40%	1,144	18,083,481	35.5
ACCEPT	1,537	23,273,775	53.2		718	4,251,282	59.1		2,255	27,525,056	54.1
PERMIT	190	4,579,806	10.5		56	528,552	7.4		246	5,108,357	10.0
POST/SIGN	7	168,254	0.4	0%	13	32,105	0.4	0%	20	200,359	0.4
TOTAL	2,602	43,728,781			1,063	7,188,474			3,665	50,917,253	

DISTRICT 1 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



DISTRICT 1 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



DISTRICT 1 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	61.1	63.6	63.7	62.0	80.7	>=84%	81.1	81.1	86.2	80.4	80.8	>=80%	63.3	65.5	66.3	64.1	80.7
FAIR/ POOR	38.9	36.4	36.3	38.0	19.3	<=16%	18.9	18.9	13.8	19.6	19.2	<=20%	36.7	34.5	33.7	35.9	19.3
GOOD	30.7	36.2	36.2	36.5	46.7	>=55%	54.4	54.4	58.9	59.6	58.8	>=50%	33.4	38.3	38.8	39.1	48.1
POOR (SD)	16.7	6.6	16.1	8.8	12.0	<2%	5.7	4.6	3.5	3.1	2.0	<8%	15.5	6.4	14.7	8.2	10.8

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	46.3	43.0	48.1	43.6	47.0	>=50%	62.3	61.6	63.6	63.7	63.4	>=50%	48.3	45.1	50.1	46.0	49.1
FAIR/SATIS	50.1	53.8	47.7	52.6	49.1		30.9	31.6	30.0	29.9	30.4		47.7	51.3	45.4	49.8	46.7
POOR (FO)	3.6	3.2	4.2	3.8	3.9	<5%	6.8	6.8	6.4	6.4	6.2	<5%	4.0	3.6	4.5	4.2	4.2

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	18.7	21.8	21.0	20.9	20.8	>=50%	36.3	36.3	35.6	35.6	34.5	>=40%	20.7	23.4	22.6	22.6	22.4
ACCEPT	44.1	44.1	41.7	41.9	42.3		51.1	51.1	53.8	54.2	55.6		44.9	44.9	43.2	43.3	43.8
PERMIT	27.0	23.9	37.3	37.2	36.9		10.1	10.1	9.6	9.2	9.0		25.1	22.4	34.1	34.0	33.7
POST/SIGN	10.2	10.2	0.0	0.0	0.0	0%	2.5	2.5	1.0	1.0	0.9	0%	9.3	9.3	0.1	0.1	0.1

DISTRICT 1 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	270	4,788,202	80.7	>= 84%	99	623,760	80.8	>= 80%	369	5,411,962	80.7
FAIR/POOR	50	1,148,107	19.3	<= 16%	15	148,558	19.2	<= 20%	65	1,296,666	19.3
TOTAL	320	5,936,309	100.0		114	772,318	100.0		434	6,708,628	100.0
GOOD	171	2,774,753	46.7	>= 55%	74	454,253	58.8	>= 50%	245	3,229,006	48.1
POOR (SD)	11	712,388	12.0	< 2%	3	15,185	2.0	< 8%	14	727,572	10.8

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	171	2,457,437	47.0	>= 50%	81	480,303	63.4	>= 50%	252	2,937,741	49.1
FAIR/SATIS	124	2,560,414	49.1		29	229,612	30.4		153	2,790,026	46.7
POOR (SD)	14	206,070	3.9	< 5%	1	47,218	6.2	< 5%	15	253,288	4.2
TOTAL	309	5,223,922			111	757,133			420	5,981,055	

LOAD CARRYING CAPACITY RATING

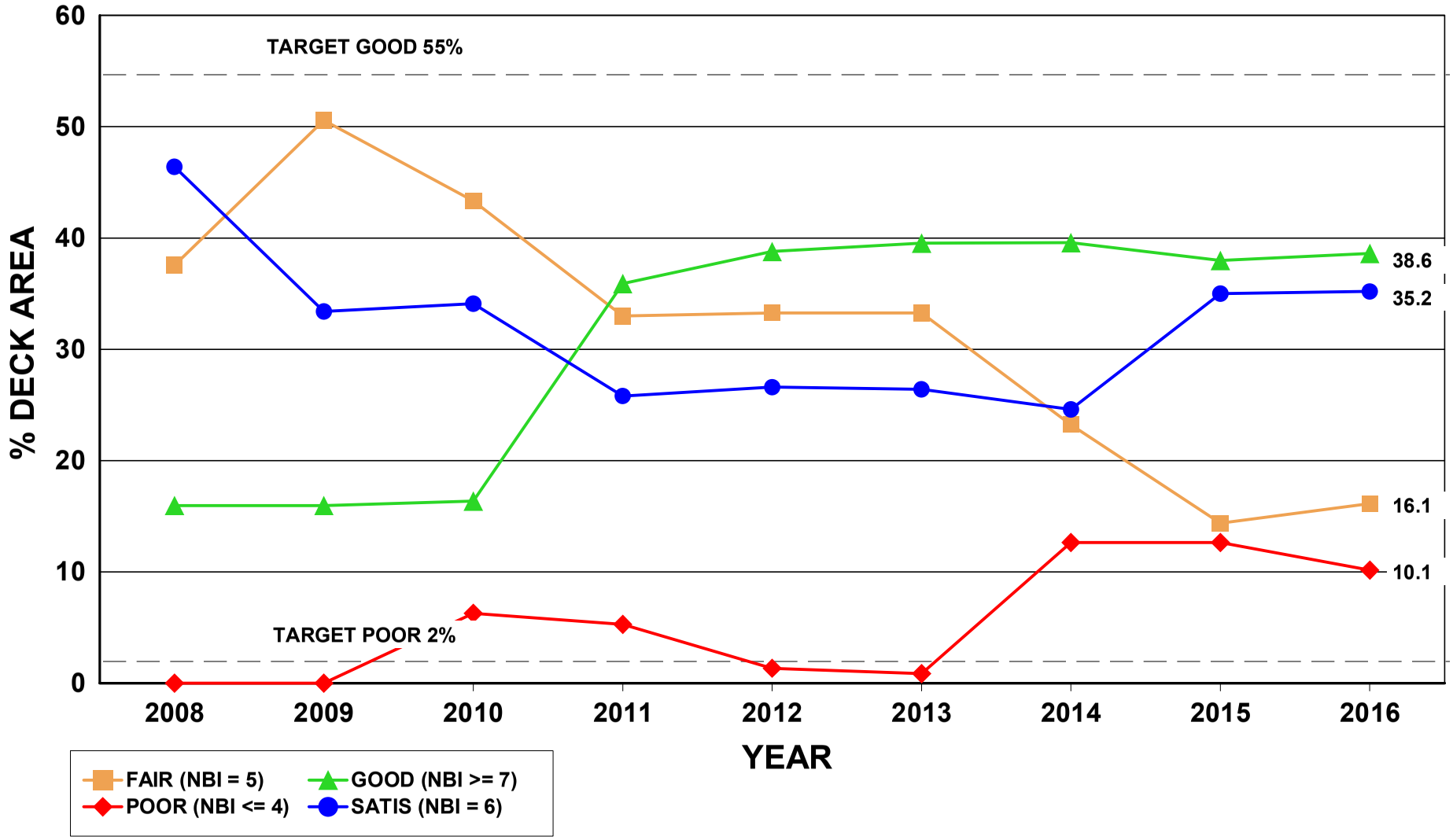
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	79	1,235,625	20.8	>= 50%	28	266,829	34.5	>= 40%	107	1,502,454	22.4
ACCEPT	192	2,512,278	42.3		79	428,994	55.6		271	2,941,272	43.8
PERMIT	49	2,188,406	36.9		6	69,738	9.0		55	2,258,144	33.7
POST/SIGN	0	0	0.0	0%	1	6,757	0.9	0%	1	6,757	0.1
TOTAL	320	5,936,309			114	772,318			434	6,708,627	

DISTRICT 1 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2016

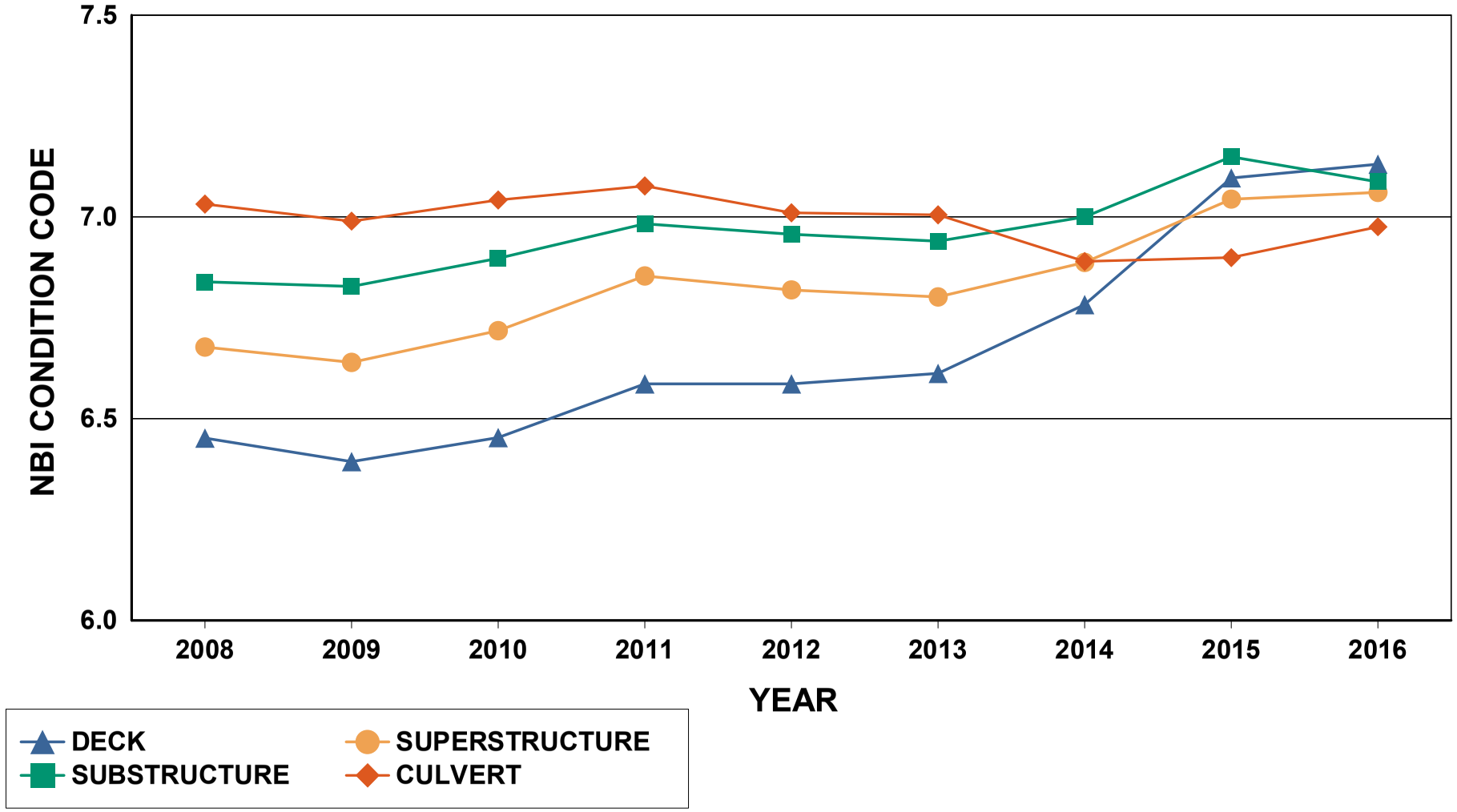
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
3589	4,740	CULV	N	N	N	4	N	8					
5470	6,757	BRIDGE	4	4	4	N	4	N					
6294	0	CULV	N	N	N	4	3	8					
8803	0	CULV	N	N	N	4	4	8					
9002	7,887	CULV	N	N	N	4	4	8					
9030	594,187	BRIDGE	6	4	6	N	4	8					
9783	6,408	BRIDGE	4	5	5	N	5	N					
9784	6,408	BRIDGE	4	5	5	N	5	N					
09824	13,256	BRIDGE	4	6	7	N	6	N					
31001	6,852	BRIDGE	5	4	5	N	4	7					
58801	6,177	BRIDGE	7	6	4	N	4	N					
69004	6,905	BRIDGE	4	6	5	N	5	N					
69082	6,798	BRIDGE	7	6	4	N	4	N					
69802C	58,567	BRIDGE	7	4	6	N	4	N					
6544	47,218	BRIDGE							2	N	3	5	8
9468	9,535	BRIDGE							3	7	8	6	N
9493	5,558	BRIDGE							5	2	6	5	N
9494	5,558	BRIDGE							5	2	7	5	N
31004	2,765	BRIDGE							5	2	7	6	N
69801H	8,985	BRIDGE							3	3	8	7	N
69808A	13,569	BRIDGE							6	3	8	5	N
69824	36,754	BRIDGE							5	2	8	5	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. 2015 TOTAL DEF	**32**	**APR. 2015 TOTAL SD**	**17**	**APR. 2015 TOTAL FO**	**15**
DEF REPL/REM IN 2015	6	SD REPL/REM IN 2015	6	FO REPL/REM IN 2015	0
BECAME DEF IN 2015	3	BECAME SD IN 2015	3	BECAME FO IN 2015	0
APR. 2016 TOTAL DEF	**29**	**APR. 2016 TOTAL SD**	**14**	**APR. 2016 TOTAL FO**	**15**

DISTRICT 2 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



DISTRICT 2 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



DISTRICT 2 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	65.4	65.9	64.1	73.0	73.7	>=84%	78.2	77.8	77.2	78.8	77.6	>=80%	72.4	72.4	71.3	76.2	75.9
FAIR/ POOR	34.6	34.1	35.9	27.0	26.3	<=16%	21.8	22.2	22.8	21.2	22.4	<=20%	27.6	27.6	28.7	23.8	24.1
GOOD	38.8	39.5	39.6	38.0	38.6	>=55%	42.1	41.4	46.1	47.7	47.1	>=50%	40.6	40.6	43.1	43.3	43.3
POOR (SD)	1.3	0.8	12.6	12.6	10.1	<2%	3.7	4.1	1.8	1.4	1.5	<8%	2.6	2.6	6.7	6.5	5.4

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	66.7	66.8	73.8	76.6	72.5	>=50%	68.4	68.2	65.7	67.1	66.2	>=50%	67.6	67.6	69.2	71.1	68.9
FAIR/SATIS	30.1	30.0	22.6	19.8	22.4		31.1	31.3	33.8	32.4	33.3		30.7	30.7	29.0	27.1	28.6
POOR (FO)	3.2	3.2	3.6	3.6	5.1	<5%	0.5	0.5	0.5	0.5	0.5	<5%	1.7	1.7	1.8	1.8	2.5

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	32.6	32.6	28.4	28.4	28.1	>=50%	28.2	28.2	27.8	27.8	27.0	>=40%	30.2	30.2	28.1	28.0	27.5
ACCEPT	51.9	52.4	55.6	57.1	57.5		47.1	46.7	48.6	49.4	50.5		49.3	49.3	51.7	53.0	53.7
PERMIT	15.5	15.0	14.5	14.5	14.4		24.7	25.1	23.6	22.8	22.5		20.5	20.5	19.5	19.0	18.8
POST/SIGN	0.0	0.0	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

DISTRICT 2 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	52	595,937	73.7	>= 84%	118	757,146	77.6	>= 80%	170	1,353,083	75.9
FAIR/POOR	14	212,275	26.3	<= 16%	31	218,034	22.4	<= 20%	45	430,308	24.1
TOTAL	66	808,211	100.0		149	975,180	100.0		215	1,783,391	100.0
GOOD	23	312,032	38.6	>= 55%	82	459,608	47.1	>= 50%	105	771,640	43.3
POOR (SD)	1	81,965	10.1	< 2%	4	14,651	1.5	< 8%	5	96,617	5.4

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	46	526,723	72.5	>= 50%	114	635,452	66.2	>= 50%	160	1,162,175	68.9
FAIR/SATIS	17	162,293	22.4		30	320,465	33.3		47	482,758	28.6
POOR (SD)	2	37,230	5.1	< 5%	1	4,611	0.5	< 5%	3	41,841	2.5
TOTAL	65	726,246			145	960,528			210	1,686,774	

LOAD CARRYING CAPACITY RATING

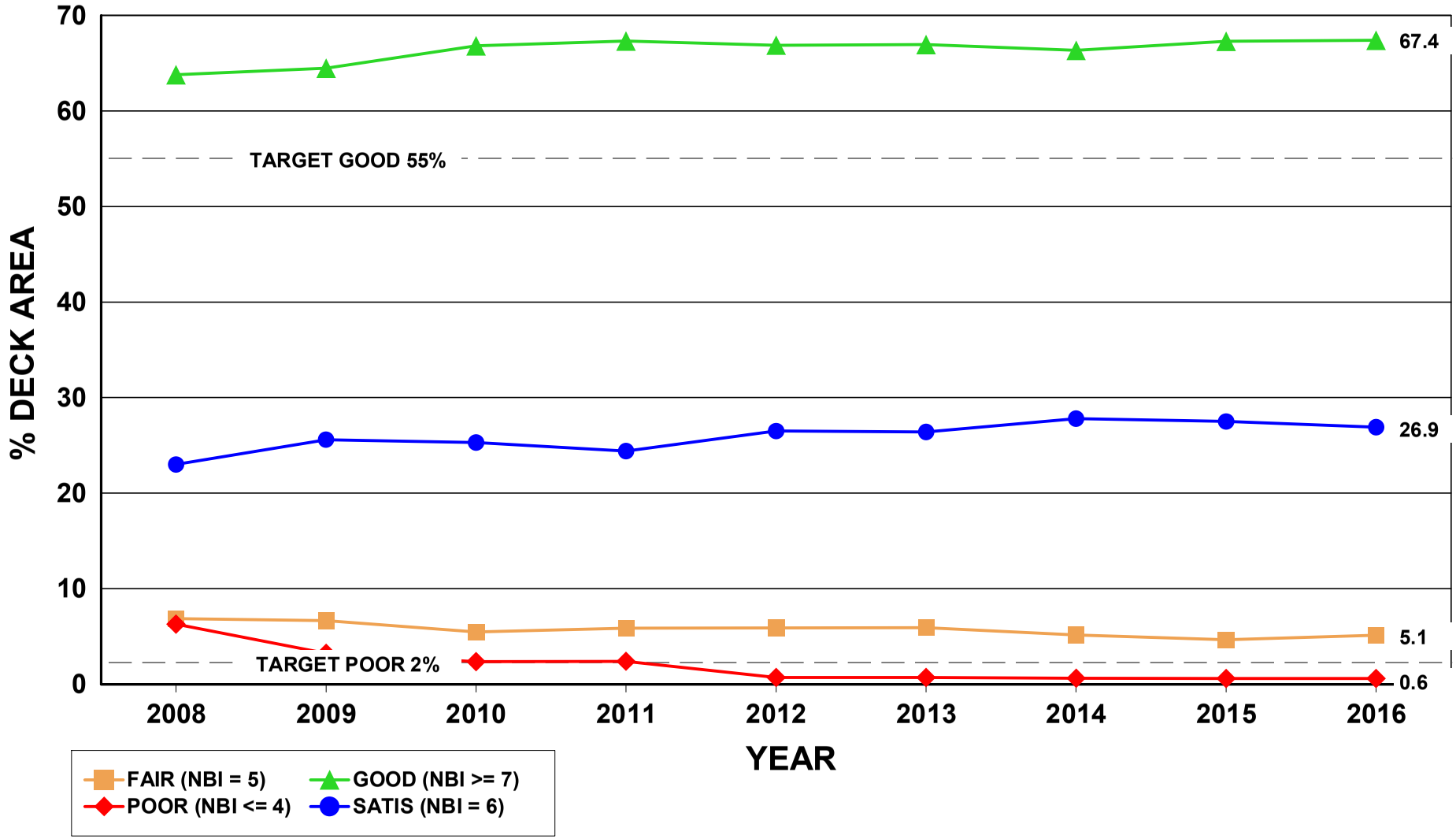
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	19	226,890	28.1	>= 50%	43	263,617	27.0	>= 40%	62	490,508	27.5
ACCEPT	45	465,303	57.5		99	492,586	50.5		144	957,889	53.7
PERMIT	2	116,018	14.4		7	218,976	22.5		9	334,994	18.8
POST/SIGN	0	0	0.0	0%	0	0	0.0	0%	0	0	0.0
TOTAL	66	808,211			149	975,179			215	1,783,391	

DISTRICT 2 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2016

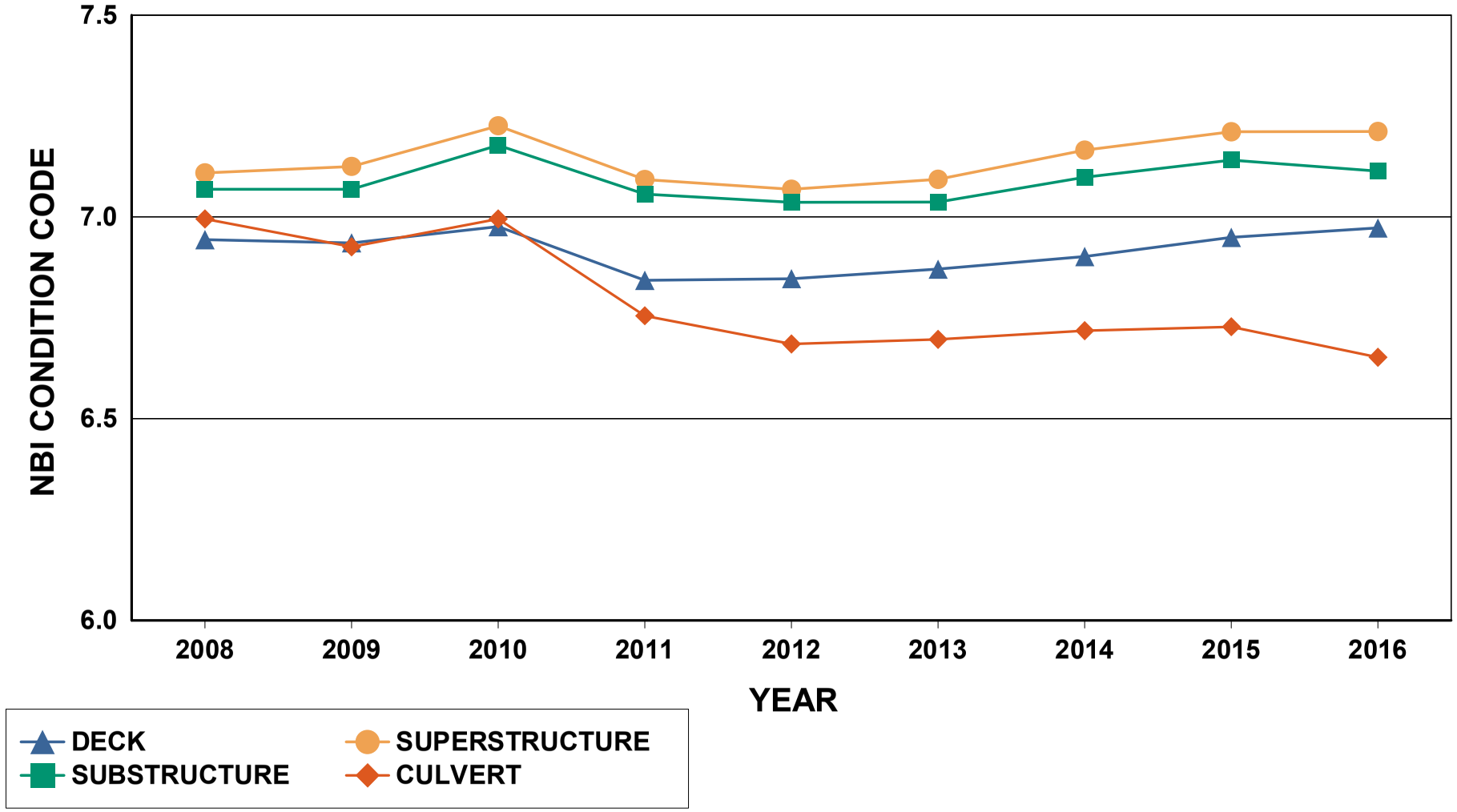
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
6256	0	CULV	N	N	N	4	4	7					
6361	0	CULV	N	N	N	4	4	7					
9090	81,965	BRIDGE	5	6	4	N	4	6					
04001	7,566	BRIDGE	5	3	5	N	3	8					
35508	3,542	BRIDGE	5	4	6	N	4	8					
4700	24,887	BRIDGE							5	N	6	4	3
04023	12,343	BRIDGE							3	7	8	6	N
35X04	0	CULV							N	N	9	9	3

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2015 TOTAL DEF	**8**	**APR. 2015 TOTAL SD**	**6**	**APR. 2015 TOTAL FO**	**2**
DEF REPL/REM IN 2015	2	SD REPL/REM IN 2015	2	FO REPL/REM IN 2015	0
BECAME DEF IN 2015	2	BECAME SD IN 2015	1	BECAME FO IN 2015	1
APR. 2016 TOTAL DEF	**8**	**APR. 2016 TOTAL SD**	**5**	**APR. 2016 TOTAL FO**	**3**

DISTRICT 3 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



DISTRICT 3 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



DISTRICT 3 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	93.4	93.4	94.2	94.7	94.3	>=84%	95.9	96.1	95.4	95.3	97.1	>=80%	93.9	94.0	94.4	94.8	94.6
FAIR/ POOR	6.6	6.6	5.8	5.3	5.7	<=16%	4.1	3.9	4.6	4.7	2.9	<=20%	6.1	6.0	5.6	5.2	5.4
GOOD	66.9	67.0	66.4	67.3	67.4	>=55%	74.5	75.3	80.3	79.7	80.7	>=50%	68.5	68.8	68.1	68.8	69.0
POOR (SD)	0.7	0.7	0.6	0.6	0.6	<2%	0.0	0.0	0.0	0.0	0.0	<8%	0.6	0.6	0.5	0.5	0.5

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	71.4	71.4	71.5	70.7	70.0	>=50%	74.1	74.9	81.5	80.9	82.6	>=50%	72.0	72.2	72.7	71.9	71.5
FAIR/SATIS	26.1	26.1	26.3	27.2	27.9		25.4	24.9	18.2	18.8	17.1		26.0	25.8	25.4	26.2	26.6
POOR (FO)	2.5	2.5	2.2	2.1	2.1	<5%	0.5	0.2	0.3	0.3	0.3	<5%	2.0	2.0	1.9	1.9	1.9

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	40.0	39.7	38.9	37.6	37.3	>=50%	46.1	47.1	44.7	44.0	43.8	>=40%	41.3	41.3	39.6	38.3	38.0
ACCEPT	57.1	57.4	58.1	59.5	59.8		51.7	51.2	52.4	54.1	55.7		55.9	56.0	57.4	58.9	59.3
PERMIT	2.9	2.9	3.0	2.9	2.9		1.9	1.4	2.4	1.4	0.3		2.7	2.6	2.9	2.7	2.6
POST/SIGN	0.0	0.0	0.0	0.0	0.0	0%	0.3	0.3	0.5	0.5	0.2	0%	0.1	0.1	0.1	0.1	0.1

DISTRICT 3 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	248	2,849,022	94.3	>= 84%	78	395,618	97.1	>= 80%	326	3,244,641	94.6
FAIR/POOR	15	172,743	5.7	<= 16%	8	11,734	2.9	<= 20%	23	184,477	5.4
TOTAL	263	3,021,765	100.0		86	407,352	100.0		349	3,429,118	100.0
GOOD	167	2,036,642	67.4	>= 55%	55	328,577	80.7	>= 50%	222	2,365,219	69.0
POOR (SD)	2	18,055	0.6	< 2%	0	0	0.0	< 8%	2	18,055	0.5

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	200	2,103,057	70.0	>= 50%	69	336,476	82.6	>= 50%	269	2,439,533	71.5
FAIR/SATIS	57	838,046	27.9		16	69,607	17.1		73	907,653	26.6
POOR (SD)	4	62,607	2.1	< 5%	1	1,269	0.3	< 5%	5	63,876	1.9
TOTAL	261	3,003,709			86	407,352			347	3,411,062	

LOAD CARRYING CAPACITY RATING

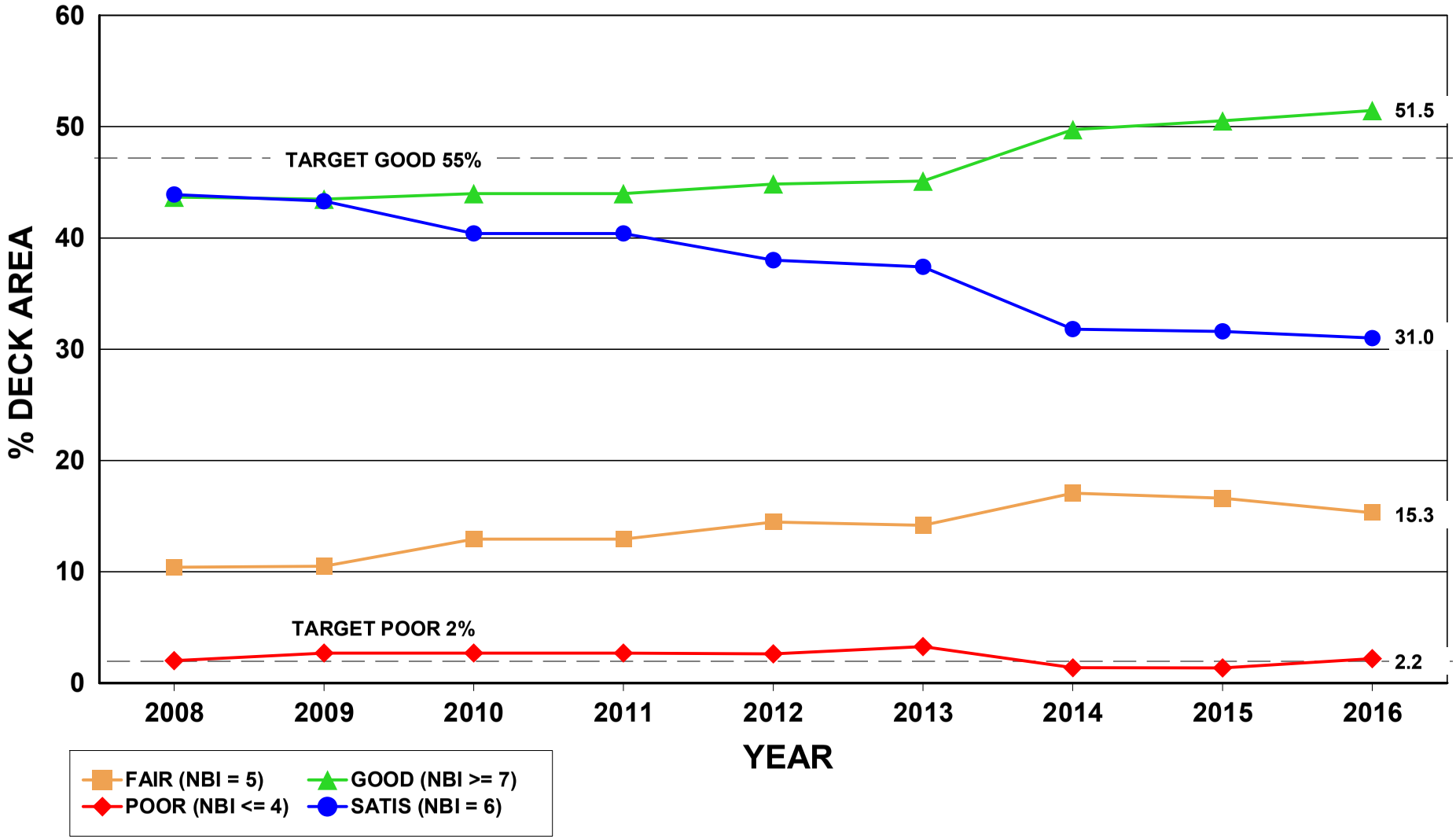
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	93	1,125,758	37.3	>= 50%	32	178,234	43.8	>= 40%	125	1,303,992	38.0
ACCEPT	164	1,808,157	59.8		52	226,900	55.7		216	2,035,058	59.3
PERMIT	5	86,890	2.9		1	1,269	0.3		6	88,159	2.6
POST/SIGN	1	960	0.0	0%	1	949	0.2	0%	2	1,909	0.1
TOTAL	263	3,021,765			86	407,352			349	3,429,118	

DISTRICT 3 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2016

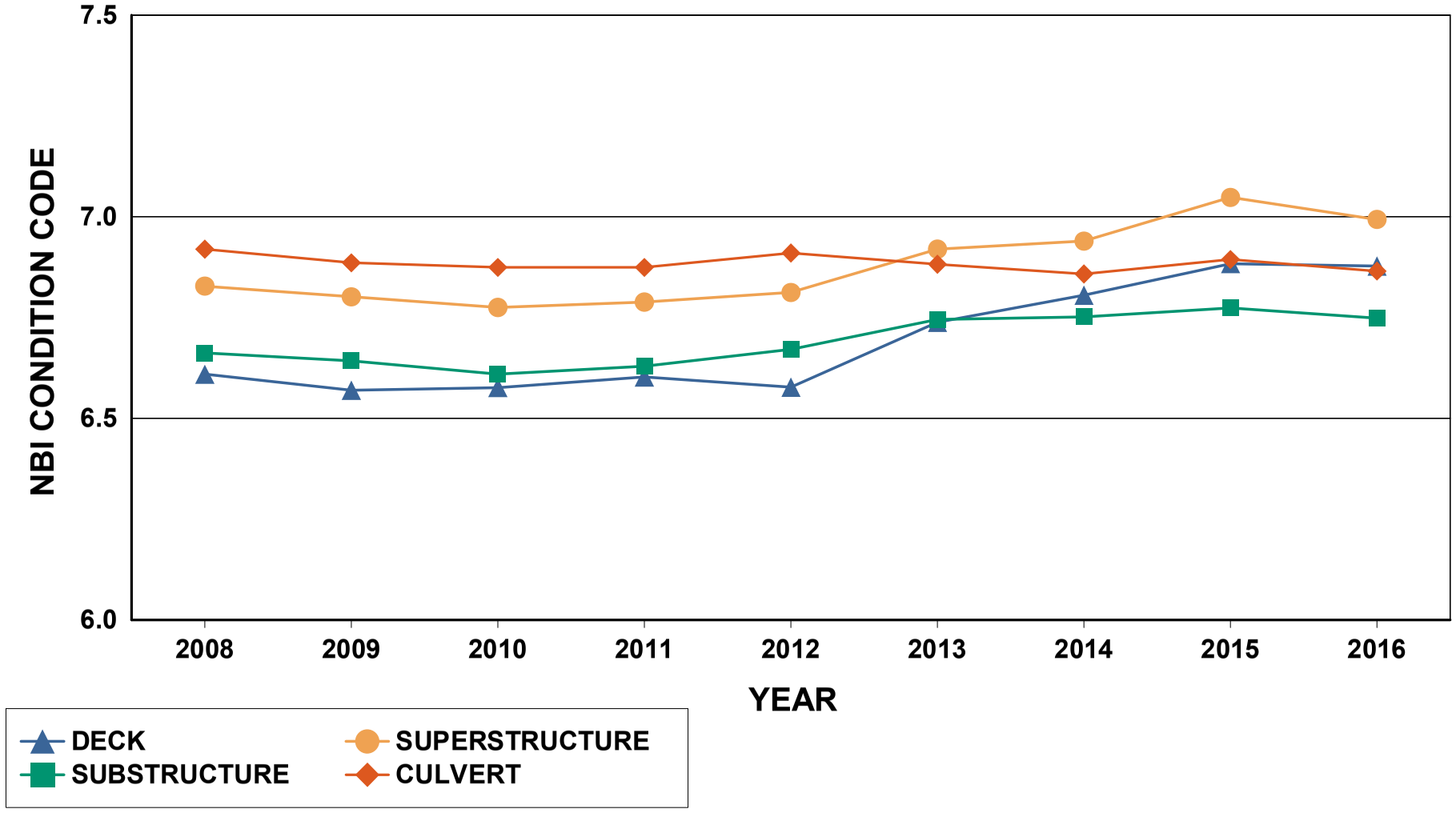
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
5955	16,867	BRIDGE	6	4	5	N	4	8					
6296	0	CULV	N	N	N	4	4	7					
5060	49,817	BRIDGE							3	N	8	6	8
6499	1,269	BRIDGE							3	N	5	5	7
6657	960	BRIDGE							3	N	7	5	8
6852	4,105	BRIDGE							3	N	8	6	8
71001	7,725	BRIDGE							3	5	8	6	N

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2015 TOTAL DEF	**7**	**APR. 2015 TOTAL SD**	**2**	**APR. 2015 TOTAL FO**	**5**
DEF REPL/REM IN 2015	0	SD REPL/REM IN 2015	0	FO REPL/REM IN 2015	0
BECAME DEF IN 2015	0	BECAME SD IN 2015	0	BECAME FO IN 2015	0
APR. 2016 TOTAL DEF	**7**	**APR. 2016 TOTAL SD**	**2**	**APR. 2016 TOTAL FO**	**5**

DISTRICT 4 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



DISTRICT 4 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



DISTRICT 4 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	82.9	82.6	81.6	82.0	82.5	>=84%	85.9	85.6	83.7	85.8	86.3	>=80%	83.5	83.2	82.0	82.9	83.4
FAIR/ POOR	17.1	17.4	18.4	18.0	17.5	<=16%	14.1	14.4	16.3	14.2	13.7	<=20%	16.5	16.8	18.0	17.1	16.6
GOOD	44.9	45.1	49.7	50.5	51.5	>=55%	69.5	69.3	71.5	76.3	76.2	>=50%	49.7	49.9	53.9	56.3	57.0
POOR (SD)	2.6	3.3	1.4	1.3	2.2	<2%	4.2	3.9	4.0	1.1	0.4	<8%	2.9	3.4	1.9	1.3	1.8

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	40.3	39.5	42.3	43.2	43.5	>=50%	80.0	79.4	82.0	84.1	84.0	>=50%	48.0	47.4	49.8	52.3	52.7
FAIR/SATIS	53.6	53.3	51.7	56.5	56.5		20.0	19.9	17.4	15.4	15.5		47.1	46.7	45.2	47.3	47.2
POOR (FO)	6.1	7.2	6.0	0.3	0.0	<5%	0.0	0.7	0.6	0.5	0.5	<5%	4.9	5.9	5.0	0.4	0.1

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	35.2	35.1	32.7	32.4	32.2	>=50%	39.7	39.5	40.4	33.3	32.8	>=40%	36.1	35.9	34.2	32.6	32.3
ACCEPT	44.3	44.7	46.6	47.5	47.8		53.0	53.5	52.5	61.9	62.5		46.1	46.5	47.7	50.8	51.2
PERMIT	18.2	17.9	20.2	19.6	19.5		6.9	6.6	6.7	4.4	4.3		15.9	15.7	17.6	16.2	16.1
POST/SIGN	2.3	2.3	0.5	0.5	0.5	0%	0.4	0.4	0.4	0.4	0.4	0%	1.9	1.9	0.5	0.4	0.4

DISTRICT 4 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	121	1,140,630	82.5	>= 84%	85	346,623	86.3	>= 80%	206	1,487,254	83.4
FAIR/POOR	20	241,687	17.5	<= 16%	13	55,161	13.7	<= 20%	33	296,848	16.6
TOTAL	141	1,382,318	100.0		98	401,784	100.0		239	1,784,102	100.0
GOOD	70	711,279	51.5	>= 55%	68	306,318	76.2	>= 50%	138	1,017,597	57.0
POOR (SD)	4	30,143	2.2	< 2%	1	1,429	0.4	< 8%	5	31,572	1.8

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	77	588,070	43.5	>= 50%	82	336,347	84.0	>= 50%	159	924,417	52.7
FAIR/SATIS	60	764,105	56.5		14	62,096	15.5		74	826,201	47.2
POOR (SD)	0	0	0.0	< 5%	1	1,912	0.5	< 5%	1	1,912	0.1
TOTAL	137	1,352,175			97	400,355			234	1,752,530	

LOAD CARRYING CAPACITY RATING

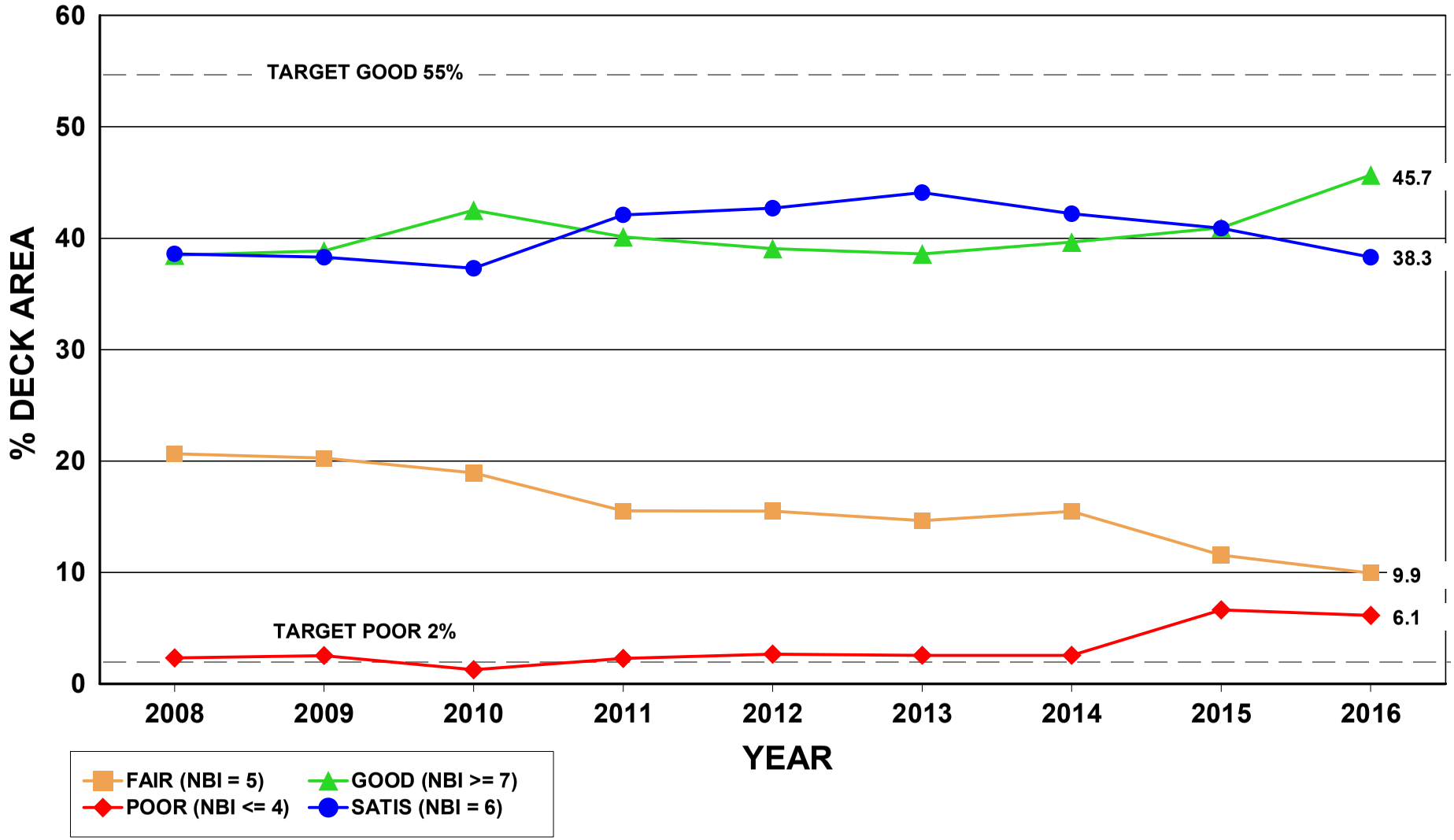
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	32	445,040	32.2	>= 50%	20	131,909	32.8	>= 40%	52	576,950	32.3
ACCEPT	87	661,004	47.8		71	251,140	62.5		158	912,144	51.2
PERMIT	20	269,865	19.5		6	17,306	4.3		26	287,171	16.1
POST/SIGN	2	6,408	0.5	0%	1	1,429	0.4	0%	3	7,837	0.4
TOTAL	141	1,382,317			98	401,784			239	1,784,102	

DISTRICT 4 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2016

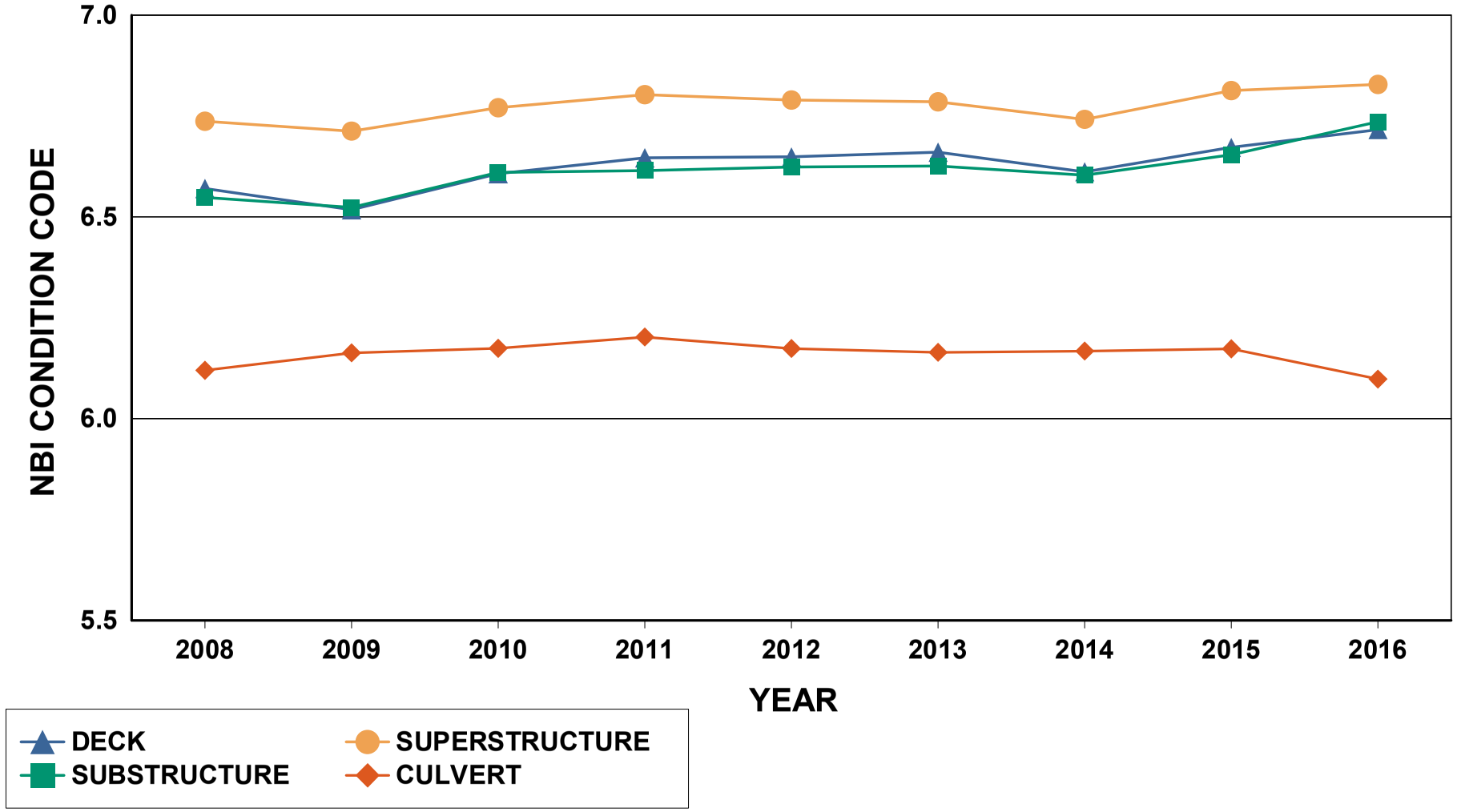
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
5186	1,429	BRIDGE	5	5	6	N	4	2					
03003	6,461	BRIDGE	4	6	6	N	6	N					
21805	5,179	BRIDGE	4	6	6	N	6	8					
21813	10,099	BRIDGE	4	5	5	N	5	N					
21814	8,404	BRIDGE	4	6	5	N	5	N					
97023	0	CULV							N	N	8	8	3

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2015 TOTAL DEF	**6**	**APR. 2015 TOTAL SD**	**4**	**APR. 2015 TOTAL FO**	**2**
DEF REPL/REM IN 2015	2	SD REPL/REM IN 2015	1	FO REPL/REM IN 2015	1
BECAME DEF IN 2015	2	BECAME SD IN 2015	2	BECAME FO IN 2015	0
APR. 2016 TOTAL DEF	**6**	**APR. 2016 TOTAL SD**	**5**	**APR. 2016 TOTAL FO**	**1**

DISTRICT 6 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



DISTRICT 6 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



DISTRICT 6 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	81.8	82.8	82.0	81.8	83.9	>=84%	88.7	89.2	89.3	89.4	89.8	>=80%	83.4	84.3	83.6	83.5	85.2
FAIR/ POOR	18.2	17.2	18.0	18.2	16.1	<=16%	11.3	10.8	10.7	10.6	10.2	<=20%	16.6	15.7	16.4	16.5	14.8
GOOD	39.1	38.6	39.7	40.9	45.7	>=55%	61.2	59.8	58.6	58.1	57.1	>=50%	44.1	43.4	44.0	44.8	48.1
POOR (SD)	2.7	2.6	2.6	6.6	6.1	<2%	1.3	1.1	1.1	0.8	1.0	<8%	2.3	2.2	2.2	5.3	5.0

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	56.1	57.0	56.2	57.6	60.2	>=50%	78.1	78.2	78.9	79.4	81.4	>=50%	61.2	61.9	61.4	62.8	65.0
FAIR/SATIS	39.6	38.7	40.2	38.4	34.3		21.1	21.0	20.3	19.8	17.9		35.3	34.6	35.7	34.0	30.6
POOR (FO)	4.3	4.3	3.6	4.0	5.5	<5%	0.8	0.8	0.8	0.8	0.7	<5%	3.5	3.5	2.9	3.2	4.4

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	30.8	29.3	27.0	26.7	24.5	>=50%	38.0	38.2	37.8	38.1	37.2	>=40%	32.4	31.3	29.5	29.3	27.2
ACCEPT	58.1	59.9	62.0	58.6	62.2		54.7	54.7	55.2	55.7	57.6		57.3	58.7	60.4	58.0	61.2
PERMIT	9.3	9.0	9.2	12.9	11.6		5.8	5.8	5.7	5.3	4.4		8.5	8.3	8.4	11.1	10.1
POST/SIGN	1.8	1.8	1.8	1.8	1.7	0%	1.5	1.3	1.3	0.9	0.8	0%	1.8	1.7	1.7	1.6	1.5

DISTRICT 6 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	332	3,963,727	83.9	>= 84%	210	1,164,653	89.8	>= 80%	542	5,128,380	85.2
FAIR/POOR	50	758,233	16.1	<= 16%	47	132,438	10.2	<= 20%	97	890,671	14.8
TOTAL	382	4,721,960	100.0		257	1,297,091	100.0		639	6,019,051	100.0
GOOD	152	2,156,546	45.7	>= 55%	103	740,492	57.1	>= 50%	255	2,897,038	48.1
POOR (SD)	8	289,336	6.1	< 2%	4	12,403	1.0	< 8%	12	301,740	5.0

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	221	2,668,741	60.2	>= 50%	190	1,045,977	81.4	>= 50%	411	3,714,718	65.0
FAIR/SATIS	136	1,520,466	34.3		59	229,164	17.9		195	1,749,630	30.6
POOR (SD)	17	243,417	5.5	< 5%	4	9,546	0.7	< 5%	21	252,963	4.4
TOTAL	374	4,432,624			253	1,284,687			627	5,717,311	

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	94	1,157,555	24.5	>= 50%	60	481,935	37.2	>= 40%	154	1,639,490	27.2
ACCEPT	259	2,937,067	62.2		180	746,560	57.6		439	3,683,627	61.2
PERMIT	28	548,728	11.6		12	57,579	4.4		40	606,307	10.1
POST/SIGN	1	78,611	1.7	0%	5	11,016	0.8	0%	6	89,627	1.5
TOTAL	382	4,721,961			257	1,297,090			639	6,019,051	

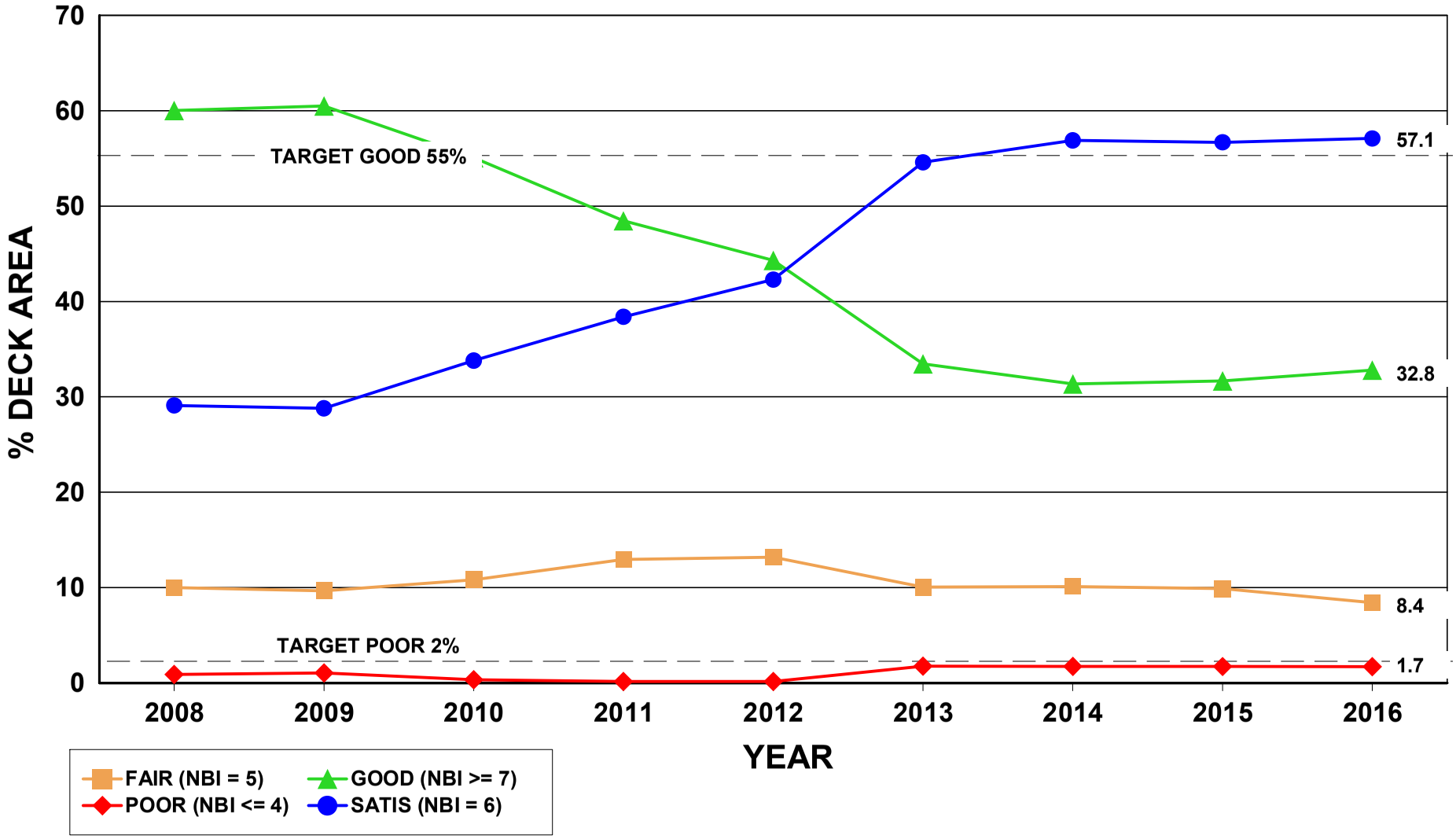
DISTRICT 6 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2016

			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	4	8					
5905	825	BRIDGE	7	6	4	N	4	8					
8489	0	CULV	N	N	N	4	5	8					
9009	8,617	BRIDGE	4	6	5	N	5	8					
9065	3,479	BRIDGE	4	4	5	N	4	8					
9177	5,899	BRIDGE	4	6	4	N	4	N					
9320	175,894	BRIDGE	4	5	6	N	5	9					
9506	7,136	BRIDGE	4	6	6	N	6	N					
9859	8,429	BRIDGE	4	6	7	N	6	N					
74823	5,525	BRIDGE	5	4	6	N	4	8					
85002	1,040	BRIDGE	5	6	4	N	4	5					
85813	4,363	BRIDGE	4	6	6	N	6	N					
5194	2,069	BRIDGE							5	2	8	6	N
5722	0	CULV							N	N	8	5	3
5787	1,213	BRIDGE							3	N	8	5	8
6975	2,808	BRIDGE							5	N	3	5	6
6977	3,456	BRIDGE							4	N	3	5	8
9180	9,195	BRIDGE							4	2	8	6	N
9201	6,744	BRIDGE							3	3	8	6	N
9504	6,617	BRIDGE							5	3	8	6	N
9659	5,914	BRIDGE							3	4	8	6	N
9680	8,140	BRIDGE							6	2	8	7	N
9889	10,088	BRIDGE							7	2	8	6	N
9890	10,088	BRIDGE							3	2	8	6	N
25028	6,118	BRIDGE							9	3	8	8	N
50803	8,550	BRIDGE							3	5	8	6	N
55011	16,083	BRIDGE							6	3	8	7	N
66817	17,314	BRIDGE							2	7	8	6	N
74005	6,919	BRIDGE							3	4	8	6	N
74017	13,574	BRIDGE							9	3	8	7	N
85805	23,500	BRIDGE							9	3	9	8	N
85812	28,671	BRIDGE							4	2	8	5	N
85850	62,651	BRIDGE							9	3	9	8	N

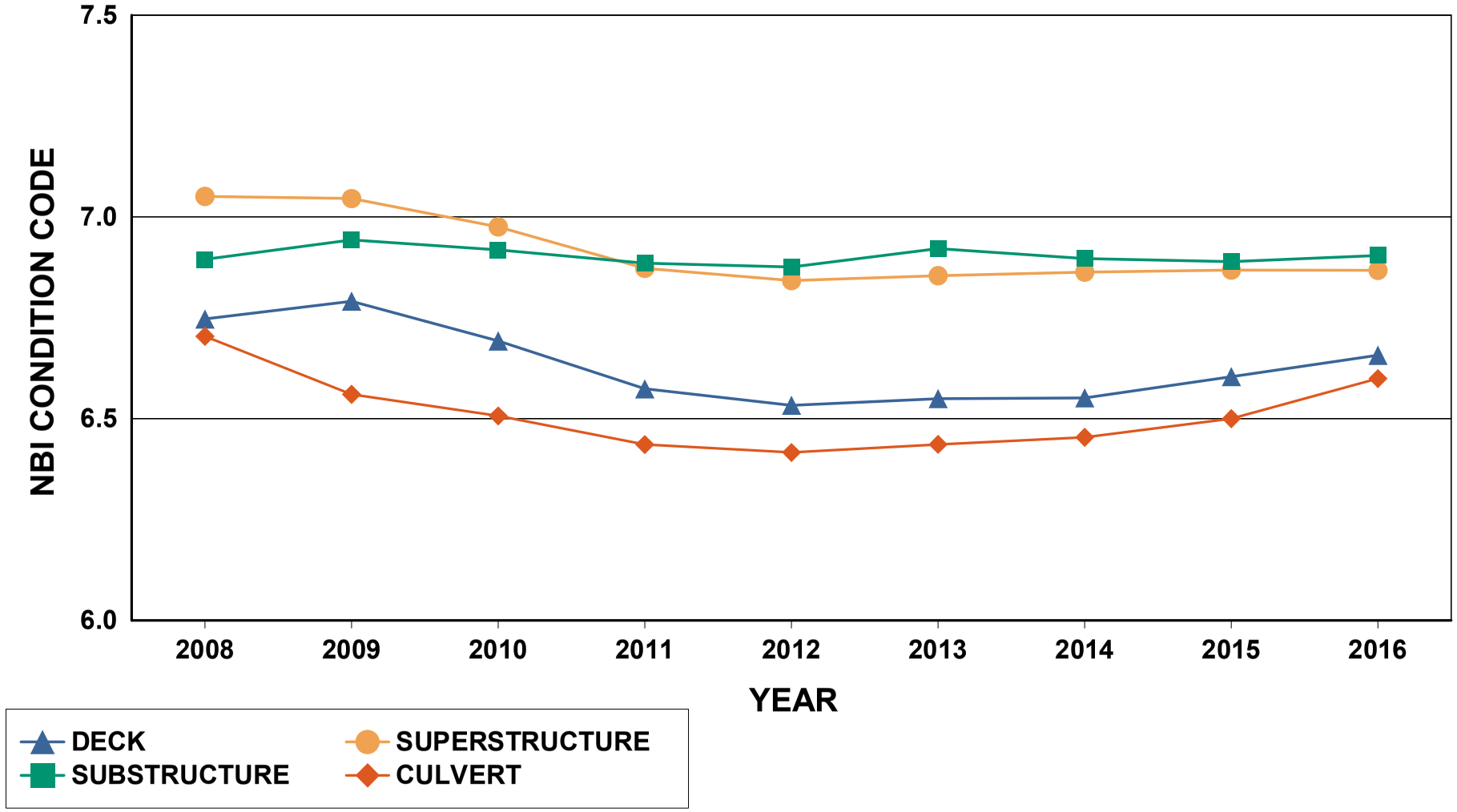
DISTRICT 6 DEFICIENT BRIDGE LIST

			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
DEFICIENT SUMMARY			**STRUCTURALLY DEFICIENT SUMMARY**						**FUNCTIONALLY OBSOLETE SUMMARY**				
APR. 2015 TOTAL DEF		**30**	**APR. 2015 TOTAL SD**				**10**		**APR. 2015 TOTAL FO**			**20**	
DEF REPL/REM IN 2015		2	SD REPL/REM IN 2015				1		FO REPL/REM IN 2015			1	
BECAME DEF IN 2015		5	BECAME SD IN 2015				3		BECAME FO IN 2015			2	
APR. 2016 TOTAL DEF		**33**	**APR. 2016 TOTAL SD**				**12**		**APR. 2016 TOTAL FO**			**21**	

DISTRICT 7 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



DISTRICT 7 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



DISTRICT 7 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	86.7	88.2	88.2	88.4	89.9	>=84%	84.9	84.9	86.3	88.4	89.9	>=80%	86.3	87.6	87.8	88.4	89.9
FAIR/ POOR	13.3	11.8	11.8	11.6	10.1	<=16%	15.1	15.1	13.7	11.6	10.1	<=20%	13.7	12.4	12.2	11.6	10.1
GOOD	44.3	33.5	31.3	31.7	32.8	>=55%	46.9	47.3	44.9	44.8	45.6	>=50%	44.8	35.9	33.7	33.9	35.0
POOR (SD)	0.2	1.8	1.7	1.7	1.7	<2%	2.4	1.3	1.4	0.3	0.0	<8%	0.6	1.7	1.7	1.5	1.4

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	58.1	59.0	58.9	58.8	58.4	>=50%	57.5	57.2	57.8	58.7	60.0	>=50%	58.0	58.7	58.7	58.8	58.7
FAIR/SATIS	32.4	32.8	33.0	33.2	33.0		41.5	39.9	41.2	40.3	39.0		34.0	34.1	34.5	34.4	34.0
POOR (FO)	9.5	8.2	8.1	8.0	8.6	<5%	1.0	2.9	1.0	1.0	1.0	<5%	8.0	7.2	6.8	6.8	7.3

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	19.7	19.5	15.5	15.4	15.5	>=50%	42.4	39.9	40.6	40.6	41.0	>=40%	23.7	23.1	19.9	19.8	19.8
ACCEPT	77.4	77.6	81.7	81.8	81.7		50.2	53.7	53.6	53.6	53.2		72.6	73.4	76.8	76.9	76.9
PERMIT	2.9	2.9	2.8	2.8	2.8		7.4	6.4	5.8	5.8	5.8		3.7	3.5	3.3	3.3	3.3
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
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	213	2,595,145	89.9	>= 84%	90	533,015	89.9	>= 80%	303	3,128,160	89.9
FAIR/POOR	29	292,128	10.1	<= 16%	19	59,988	10.1	<= 20%	48	352,116	10.1
TOTAL	242	2,887,272	100.0		109	593,003	100.0		351	3,480,276	100.0
GOOD	102	947,196	32.8	>= 55%	43	270,272	45.6	>= 50%	145	1,217,469	35.0
POOR (SD)	3	49,336	1.7	< 2%	0	0	0.0	< 8%	3	49,336	1.4

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	154	1,656,912	58.4	>= 50%	56	355,614	60.0	>= 50%	210	2,012,526	58.7
FAIR/SATIS	81	936,615	33.0		52	231,363	39.0		133	1,167,978	34.0
POOR (SD)	4	244,409	8.6	< 5%	1	6,026	1.0	< 5%	5	250,435	7.3
TOTAL	239	2,837,936			109	593,003			348	3,430,939	

LOAD CARRYING CAPACITY RATING

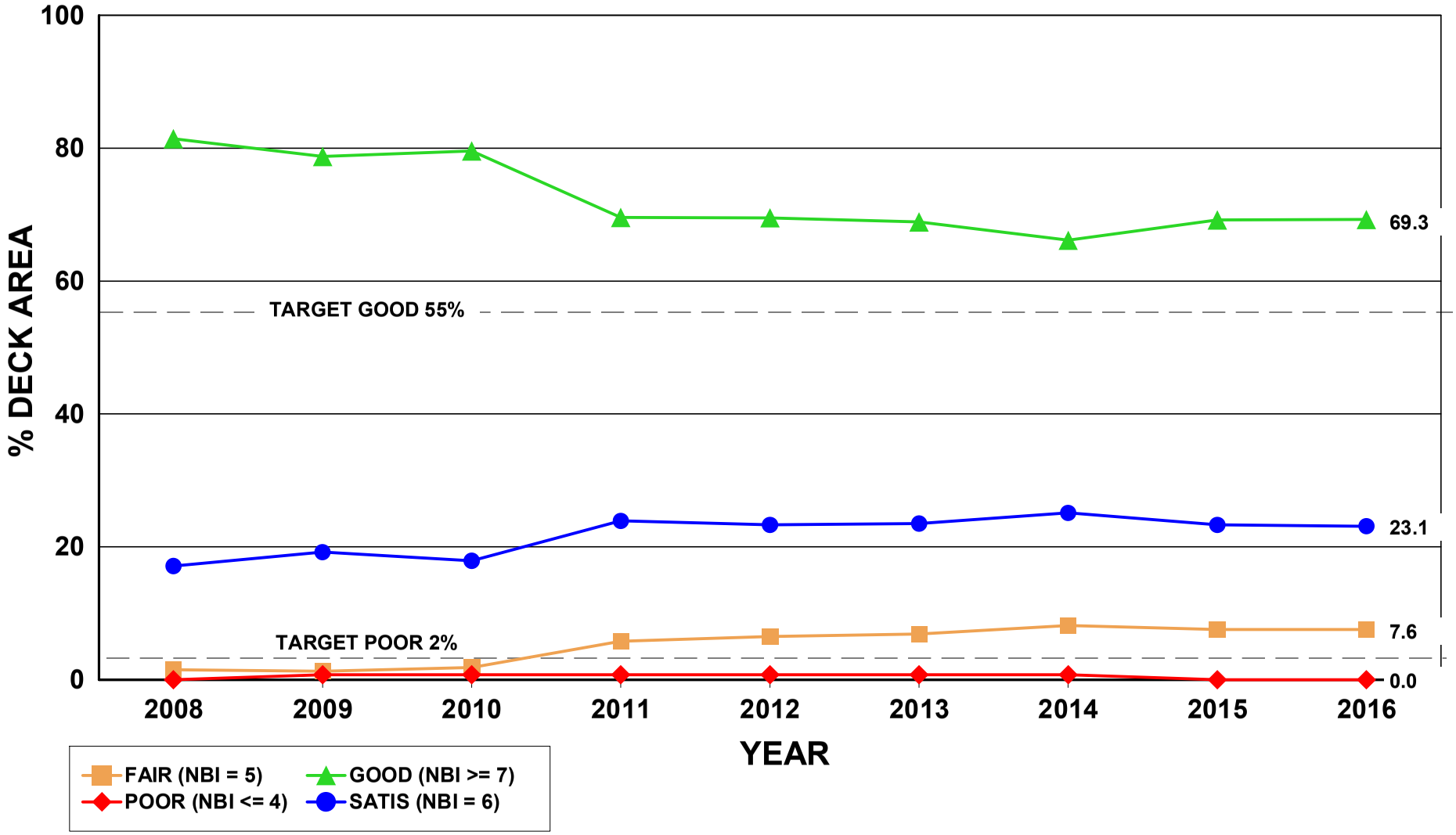
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	42	446,988	15.5	>= 50%	30	243,166	41.0	>= 40%	72	690,154	19.8
ACCEPT	192	2,359,716	81.7		75	315,204	53.2		267	2,674,920	76.9
PERMIT	8	80,568	2.8		4	34,633	5.8		12	115,201	3.3
POST/SIGN	0	0	0.0	0%	0	0	0.0	0%	0	0	0.0
TOTAL	242	2,887,272			109	593,003			351	3,480,275	

DISTRICT 7 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2016

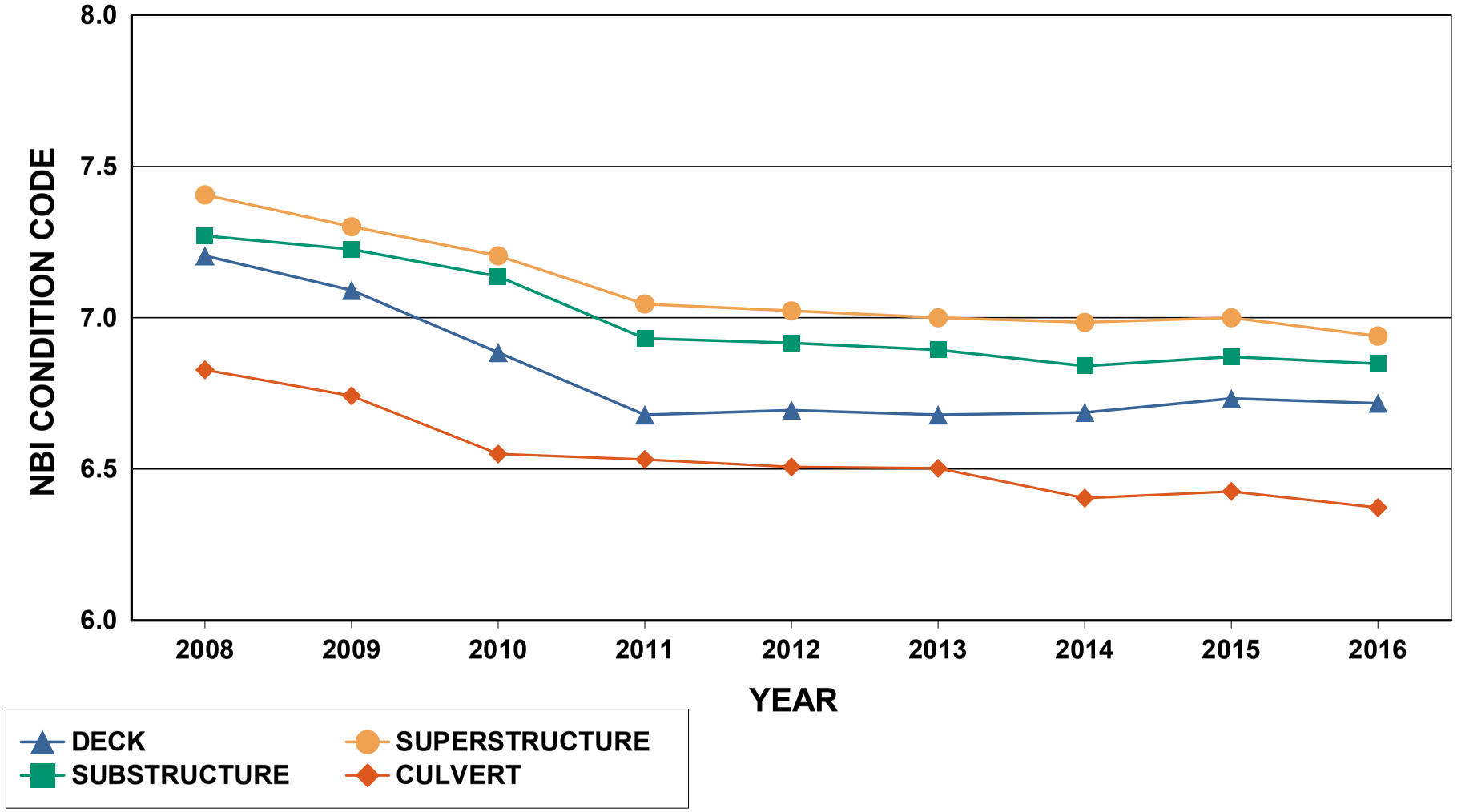
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
9294	41,402	BRIDGE	5	3	5	N	3	N					
52001	3,581	BRIDGE	5	4	6	N	4	4					
52002	4,353	BRIDGE	5	4	6	N	4	4					
5369	6,026	BRIDGE							4	9	3	5	N
6741	10,130	BRIDGE							2	N	8	5	6
9098	216,079	BRIDGE							9	3	8	7	8
46805	9,643	BRIDGE							9	3	8	6	N
46806	8,557	BRIDGE							7	3	8	6	N

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2015 TOTAL DEF	**7**	**APR. 2015 TOTAL SD**	**4**	**APR. 2015 TOTAL FO**	**3**
DEF REPL/REM IN 2015	1	SD REPL/REM IN 2015	1	FO REPL/REM IN 2015	0
BECAME DEF IN 2015	2	BECAME SD IN 2015	0	BECAME FO IN 2015	2
APR. 2016 TOTAL DEF	**8**	**APR. 2016 TOTAL SD**	**3**	**APR. 2016 TOTAL FO**	**5**

DISTRICT 8 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



DISTRICT 8 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



DISTRICT 8 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	92.8	92.4	91.1	92.5	92.4	>=84%	89.2	88.8	86.9	87.0	86.0	>=80%	91.4	91.0	89.5	90.4	89.9
FAIR/ POOR	7.2	7.6	8.9	7.5	7.6	<=16%	10.8	11.2	13.1	13.0	14.0	<=20%	8.6	9.0	10.5	9.6	10.1
GOOD	69.5	68.9	66.1	69.2	69.3	>=55%	67.1	68.0	67.1	66.9	63.7	>=50%	68.6	68.6	66.5	68.3	67.1
POOR (SD)	0.7	0.7	0.7	0.0	0.0	<2%	2.1	2.1	2.1	2.1	2.0	<8%	1.3	1.3	1.3	0.8	0.8

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	69.6	71.5	68.9	69.2	72.0	>=50%	80.1	80.1	78.2	78.3	78.1	>=50%	73.6	74.8	72.5	72.7	74.4
FAIR/SATIS	29.2	27.3	29.9	29.6	26.9		19.9	19.9	21.8	21.7	21.9		25.7	24.5	26.8	26.6	24.9
POOR (FO)	1.2	1.2	1.2	1.2	1.1	<5%	0.0	0.0	0.0	0.0	0.0	<5%	0.7	0.7	0.7	0.7	0.7

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	28.8	28.8	26.2	26.2	25.5	>=50%	27.2	27.2	26.3	26.4	24.2	>=40%	28.2	28.2	26.3	26.2	25.0
ACCEPT	67.5	67.5	69.4	70.1	70.9		64.6	64.6	65.5	65.4	67.9		66.3	66.3	67.8	68.4	69.7
PERMIT	3.0	3.0	3.7	3.7	3.6		5.8	5.8	5.8	5.8	5.6		4.1	4.1	4.5	4.5	4.4
POST/SIGN	0.7	0.7	0.7	0.0	0.0	0%	2.4	2.4	2.4	2.4	2.3	0%	1.4	1.4	1.4	0.9	0.9

DISTRICT 8 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	92	775,965	92.4	>= 84%	104	454,434	86.0	>= 80%	196	1,230,399	89.9
FAIR/POOR	10	63,514	7.6	<= 16%	30	74,113	14.0	<= 20%	40	137,628	10.1
TOTAL	102	839,480	100.0		134	528,547	100.0		236	1,368,027	100.0
GOOD	61	581,490	69.3	>= 55%	63	336,492	63.7	>= 50%	124	917,983	67.1
POOR (SD)	0	0	0.0	< 2%	3	10,715	2.0	< 8%	3	10,715	0.8

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	78	604,632	72.0	>= 50%	95	404,631	78.1	>= 50%	173	1,009,262	74.4
FAIR/SATIS	22	225,292	26.9		36	113,201	21.9		58	338,493	24.9
POOR (SD)	2	9,556	1.1	< 5%	0	0	0.0	< 5%	2	9,556	0.7
TOTAL	102	839,480			131	517,832			233	1,357,311	

LOAD CARRYING CAPACITY RATING

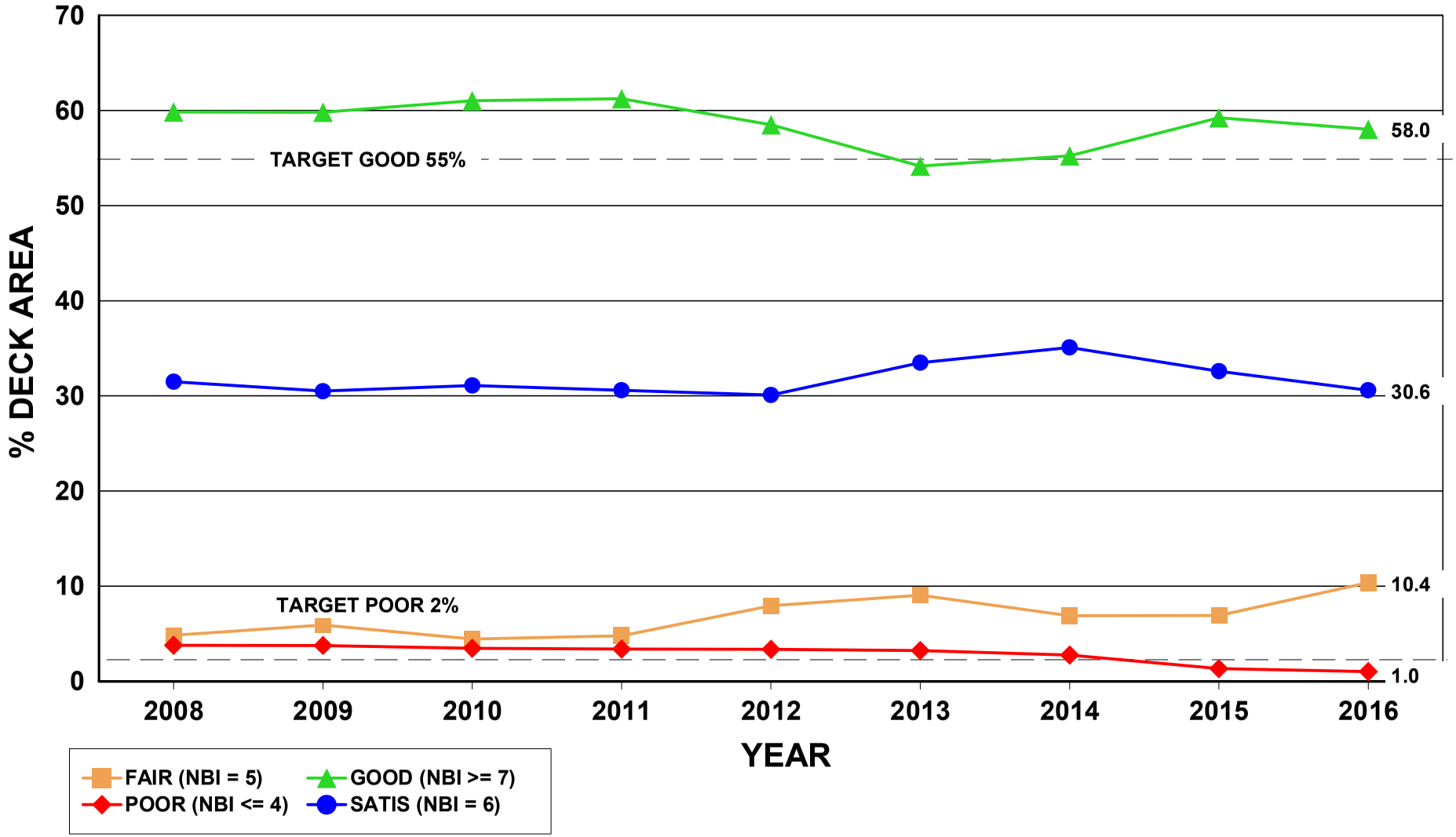
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	24	214,234	25.5	>= 50%	23	127,725	24.2	>= 40%	47	341,959	25.0
ACCEPT	73	594,820	70.9		95	359,515	67.9		168	954,335	69.7
PERMIT	5	30,425	3.6		11	29,353	5.6		16	59,778	4.4
POST/SIGN	0	0	0.0	0%	5	11,954	2.3	0%	5	11,954	0.9
TOTAL	102	839,479			134	528,547			236	1,368,026	

DISTRICT 8 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2016

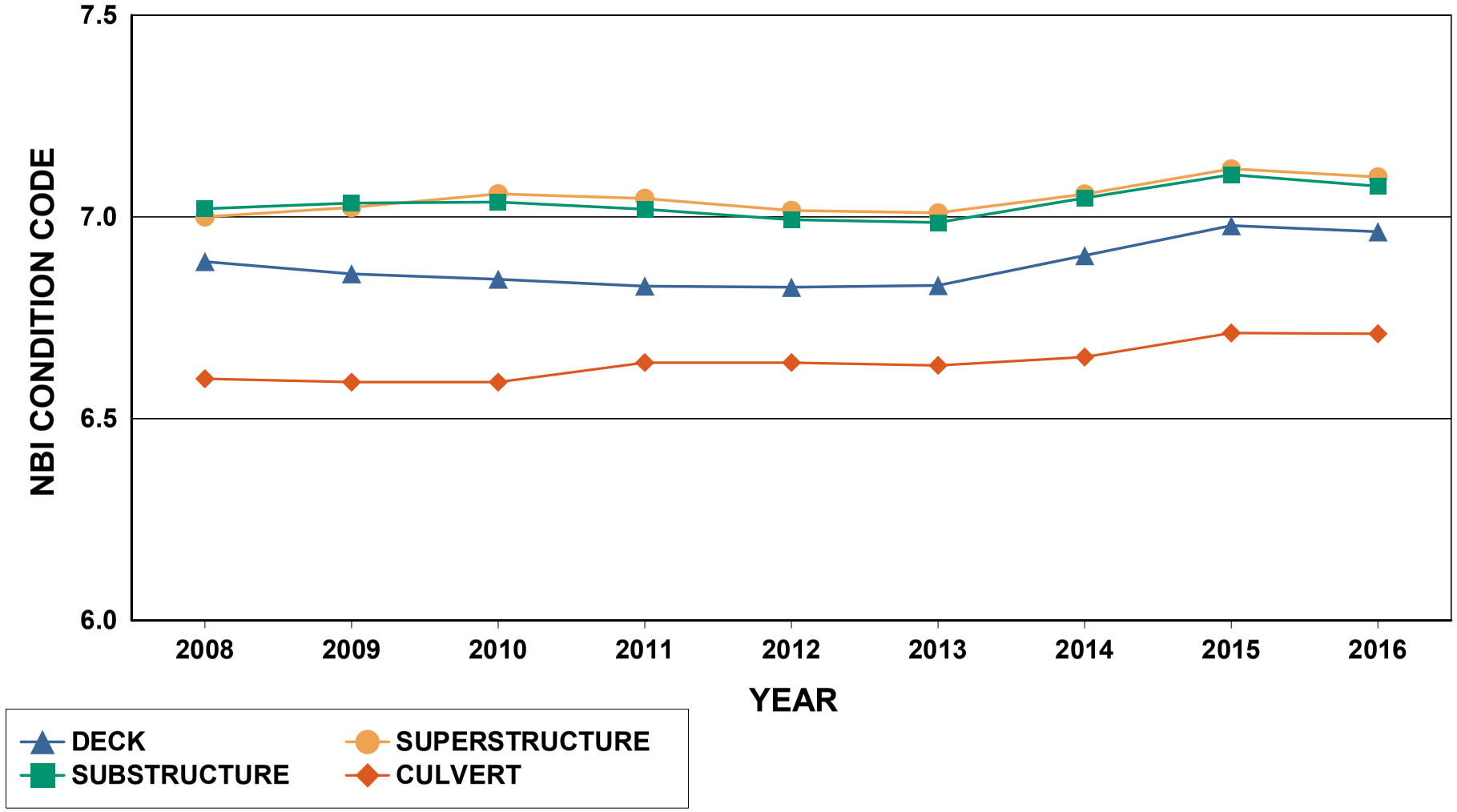
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
4667	3,416	BRIDGE	4	3	3	N	3	8					
5380	6,284	BRIDGE	4	4	5	N	4	8					
6816	1,015	BRIDGE	6	6	4	N	4	8					
9111	5,285	BRIDGE							3	5	5	5	N
42003	4,271	BRIDGE							3	N	8	6	8

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2015 TOTAL DEF	**5**	**APR. 2015 TOTAL SD**	**3**	**APR. 2015 TOTAL FO**	**2**
DEF REPL/REM IN 2015	0	SD REPL/REM IN 2015	0	FO REPL/REM IN 2015	0
BECAME DEF IN 2015	0	BECAME SD IN 2015	0	BECAME FO IN 2015	0
APR. 2016 TOTAL DEF	**5**	**APR. 2016 TOTAL SD**	**3**	**APR. 2016 TOTAL FO**	**2**

METRO DISTRICT BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2016



METRO DISTRICT TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2016



METRO TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD/SATIS	88.7	87.7	90.3	91.7	88.6	>=84%	79.2	79.2	82.1	83.4	83.5	>=80%	87.8	86.9	89.7	91.1	88.2
FAIR/ POOR	11.3	12.3	9.7	8.3	11.4	<=16%	20.8	20.8	17.9	16.6	16.5	<=20%	12.2	13.1	10.3	8.9	11.8
GOOD	58.5	54.2	55.2	59.2	58.0	>=55%	64.7	59.6	58.9	64.3	58.8	>=50%	59.1	54.7	55.5	59.7	58.1
POOR (SD)	3.4	3.2	2.8	1.3	1.0	<2%	0.8	4.7	0.0	6.9	7.0	<8%	3.1	3.4	2.6	1.8	1.5

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
GOOD	46.3	44.8	41.4	41.4	41.1	>=50%	23.4	24.3	21.4	37.0	38.5	>=50%	44.2	43.0	39.9	41.1	40.9
FAIR/SATIS	44.2	45.8	50.4	48.9	49.2		51.7	49.8	50.9	36.8	36.4		44.9	46.2	50.4	47.9	48.2
POOR (FO)	9.5	9.4	8.2	9.7	9.7	<5%	24.9	25.9	27.7	26.2	25.1	<5%	10.9	10.8	9.7	11.0	10.9

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016	TARG	2012	2013	2014	2015	2016
HS25	51.3	50.8	48.2	44.9	45.0	>=50%	42.8	42.8	37.0	30.6	30.9	>=40%	50.6	50.1	47.3	43.7	43.8
ACCEPT	40.4	40.9	44.1	48.2	49.5		52.3	52.3	57.8	64.9	64.6		41.4	41.8	45.1	49.7	50.7
PERMIT	7.7	7.7	7.3	6.7	5.2		4.9	4.9	5.2	4.5	4.5		7.4	7.5	7.2	6.5	5.2
POST/SIGN	0.6	0.6	0.4	0.2	0.3	0%	0.0	0.0	0.0	0.0	0.0	0%	0.6	0.6	0.4	0.1	0.3

METRO TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2016

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	1,003	21,383,188	88.6	>= 84%	107	1,847,513	83.5	>= 80%	1,110	23,230,701	88.2
FAIR/POOR	83	2,748,279	11.4	<= 16%	9	365,684	16.5	<= 20%	92	3,113,963	11.8
TOTAL	1,086	24,131,466	100.0		116	2,213,197	100.0		1,202	26,344,664	100.0
GOOD	726	14,005,359	58.0	>= 55%	74	1,302,388	58.8	>= 50%	800	15,307,747	58.1
POOR (SD)	16	246,968	1.0	< 2%	1	154,044	7.0	< 8%	17	401,012	1.5

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	422	9,826,234	41.1	>= 50%	59	793,207	38.5	>= 50%	481	10,619,441	40.9
FAIR/SATIS	512	11,750,483	49.2		45	749,962	36.4		557	12,500,444	48.2
POOR (SD)	136	2,307,781	9.7	< 5%	11	515,985	25.1	< 5%	147	2,823,766	10.9
TOTAL	1,070	23,884,498			115	2,059,154			1,185	25,943,651	

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	485	10,854,856	45.0	>= 50%	40	683,120	30.9	>= 40%	525	11,537,975	43.8
ACCEPT	525	11,935,430	49.5		67	1,430,381	64.6		592	13,365,811	50.7
PERMIT	73	1,258,905	5.2		9	99,697	4.5		82	1,358,602	5.2
POST/SIGN	3	82,275	0.3	0%	0	0	0.0	0%	3	82,275	0.3
TOTAL	1,086	24,131,466			116	2,213,198			1,202	26,344,663	

METRO DISTRICT DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2016

			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	6	6	4	N	4	9					
4654	25,596	BRIDGE	7	4	6	N	4	2					
5462	15,080	BRIDGE	4	5	5	N	5	N					
5723	10,115	BRIDGE	4	4	5	N	4	N					
6721	5,569	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					
9039	11,445	BRIDGE	7	4	6	N	4	N					
9300	87,850	BRIDGE	4	4	5	N	4	9					
9519	15,888	BRIDGE	6	4	5	N	4	N					
9534	8,006	BRIDGE	5	6	4	N	4	N					
9570	8,284	BRIDGE	7	4	5	N	4	N					
27842	13,566	BRIDGE	4	4	6	N	4	N					
27871	12,973	BRIDGE	5	5	4	N	4	N					
27976	5,438	BRIDGE	4	5	7	N	5	N					
62080A	14,172	BRIDGE	6	6	3	N	N	N					
70801	7,484	BRIDGE	6	6	4	N	4	N					
5310	30,626	BRIDGE							9	3	7	6	N
6580	15,173	BRIDGE							5	3	8	6	N
6583	20,312	BRIDGE							9	3	7	6	N
6850	10,697	BRIDGE							6	3	7	7	N
6851	10,697	BRIDGE							6	3	7	7	N
7268	9,786	BRIDGE							4	2	8	6	N
7269	9,793	BRIDGE							4	2	8	6	N
9012	11,109	BRIDGE							5	3	8	7	N
9036	114,884	BRIDGE							2	2	8	6	9
9041	11,445	BRIDGE							4	2	7	6	N
9053	12,815	BRIDGE							4	2	7	7	N
9079	12,333	BRIDGE							3	4	7	6	N
9082	7,400	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	6	8	3	N
9213	11,445	BRIDGE							4	2	7	6	N
9276	7,387	BRIDGE							2	4	8	6	N
9351	9,669	BRIDGE							2	4	8	7	N
9352	9,669	BRIDGE							2	4	8	7	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
9353	10,410	BRIDGE							2	5	8	5	N
9354	10,410	BRIDGE							2	5	8	6	N
9377	28,220	BRIDGE							5	3	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
9421	22,479	BRIDGE							4	3	8	5	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	7	N
9569	19,454	BRIDGE							4	3	8	6	N
9582	8,780	BRIDGE							4	3	8	5	N
9601	11,976	BRIDGE							4	2	8	7	N
9602	11,970	BRIDGE							4	2	8	7	N
9616	12,796	BRIDGE							4	2	8	6	N
9619	12,009	BRIDGE							6	3	8	5	N
9620	11,328	BRIDGE							5	3	8	7	N
9621	11,260	BRIDGE							5	3	8	6	N
9715	5,905	BRIDGE							3	5	7	6	N
9779	8,793	BRIDGE							4	2	7	6	N
9780	8,793	BRIDGE							4	2	7	6	N
9830	6,017	BRIDGE							2	4	8	7	N
9834	6,825	BRIDGE							4	2	8	6	N
9860	5,904	BRIDGE							3	5	7	6	N
9869	19,720	BRIDGE							5	3	8	7	N
10027	14,844	BRIDGE							7	3	9	8	9
10045	6,670	BRIDGE							8	3	9	8	N
13802	6,800	BRIDGE							2	5	8	6	N
19004	176,150	BRIDGE							9	3	9	N	9
19808	6,197	BRIDGE							6	3	8	6	N
19810	19,918	BRIDGE							4	3	9	8	N
19848	3,187	BRIDGE							6	N	8	3	8
19883	20,553	BRIDGE							2	6	8	7	N
19884	9,505	BRIDGE							9	3	8	7	N
27021	8,427	BRIDGE							2	4	8	7	N
27022	8,610	BRIDGE							2	4	8	7	N
27038	17,550	BRIDGE							5	2	7	7	N
27083	11,237	BRIDGE							2	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
27100	11,353	BRIDGE							3	4	8	7	N
27102	13,935	BRIDGE							5	2	8	7	N
27161	8,557	BRIDGE							9	3	7	5	N
27169	7,176	BRIDGE							5	3	7	6	N
27171	4,352	BRIDGE							2	4	8	6	N
27211	4,140	BRIDGE							2	N	7	7	N
27409	110,117	BRIDGE							9	3	8	8	9
27517	9,197	BRIDGE							3	2	8	6	N
27523	19,642	BRIDGE							9	2	8	5	N
27525	6,552	BRIDGE							4	2	7	6	N
27526	10,778	BRIDGE							4	2	7	6	N
27531	10,644	BRIDGE							4	3	7	6	N
27534	6,557	BRIDGE							3	4	8	5	N
27536	9,730	BRIDGE							2	4	8	7	N
27540	9,528	BRIDGE							9	2	7	6	N
27550	11,251	BRIDGE							3	2	8	6	N
27551	19,642	BRIDGE							9	3	8	6	N
27555	12,108	BRIDGE							3	4	8	7	N
27567	11,413	BRIDGE							4	2	7	7	N
27702	8,149	BRIDGE							3	5	8	7	N
27703	8,705	BRIDGE							3	6	8	N	N
27715	25,750	BRIDGE							3	6	8	7	N
27720	6,909	BRIDGE							9	3	8	7	N
27726B	28,919	BRIDGE							6	3	6	6	N
27737	19,808	BRIDGE							9	3	8	7	N
27756	20,135	BRIDGE							5	3	8	6	N
27776D	15,713	BRIDGE							3	N	8	7	N
27786	10,268	BRIDGE							6	3	8	7	N
27787	10,268	BRIDGE							4	3	8	7	N
27793	11,585	BRIDGE							6	2	8	7	N
27799L	15,662	BRIDGE							3	4	8	7	N
27806	15,388	BRIDGE							2	6	8	7	N
27816N	154,839	BRIDGE							7	2	8	6	N
27816S	157,202	BRIDGE							7	2	8	7	N
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	2	8	6	N
27854	27,879	BRIDGE							2	3	8	6	N
27855	74,870	BRIDGE							9	3	8	6	N
27865	12,362	BRIDGE							2	2	6	7	N
27869	14,139	BRIDGE							2	4	8	7	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
27870	15,735	BRIDGE							2	4	8	7	N
27872	18,776	BRIDGE							2	3	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	7	N
27957	10,448	BRIDGE							2	5	8	6	N
27963	10,294	BRIDGE							6	3	8	6	N
27966	19,299	BRIDGE							6	2	8	7	N
27982	14,763	BRIDGE							7	3	8	7	N
27989	16,116	BRIDGE							2	6	8	7	N
27R25	4,612	BRIDGE							9	3	9	9	N
27R26	6,630	BRIDGE							9	3	9	8	N
27R27	5,239	BRIDGE							5	3	9	9	N
27V75	45,775	BRIDGE							9	3	8	8	N
27V78	5,162	BRIDGE							9	3	9	8	N
27V87	13,470	BRIDGE							5	2	8	8	N
27V95	38,758	BRIDGE							9	3	9	8	N
27V97	16,989	BRIDGE							9	3	9	9	N
27W09	15,303	BRIDGE							7	3	9	8	N
62006	11,192	BRIDGE							4	2	8	7	N
62007	8,553	BRIDGE							9	2	8	6	N
62011	11,364	BRIDGE							5	2	8	7	N
62014	18,865	BRIDGE							5	3	8	7	N
62017	196,495	BRIDGE							6	3	9	8	9
62029	11,672	BRIDGE							4	3	8	6	N
62030	12,990	BRIDGE							4	3	8	7	N
62033	4,654	BRIDGE							4	3	8	7	N
62034	4,628	BRIDGE							4	2	8	7	N
62705	3,496	BRIDGE							3	5	8	7	N
62803	22,137	BRIDGE							4	3	8	6	N
62808	17,212	BRIDGE							6	2	8	6	N
62836	6,765	BRIDGE							3	5	8	6	N
62843	14,228	BRIDGE							4	3	8	7	N
62844	9,166	BRIDGE							4	3	8	5	N
62845	16,506	BRIDGE							4	3	8	6	N
62853	12,777	BRIDGE							9	2	8	6	N
62882	8,603	BRIDGE							5	3	8	7	N
62888	14,102	BRIDGE							3	6	8	6	N
62894	14,411	BRIDGE							2	6	8	6	N
70003	43,821	BRIDGE							7	3	9	8	N
70041	18,171	BRIDGE							9	N	8	7	3

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
82818	21,114	BRIDGE							9	2	8	7	N

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2015 TOTAL DEF	**161**	**APR. 2015 TOTAL SD**	**13**	**APR. 2015 TOTAL FO**	**148**
DEF REPL/REM IN 2015	12	SD REPL/REM IN 2015	3	FO REPL/REM IN 2015	9
BECAME DEF IN 2015	15	BECAME SD IN 2015	7	BECAME FO IN 2015	8
APR. 2016 TOTAL DEF	**164**	**APR. 2016 TOTAL SD**	**17**	**APR. 2016 TOTAL FO**	**147**