MINNESOTA BRIDGES

December 2019

Current Statistics

Deficient Structure Summaries

Bridge Replacement Program

DEPARTMENT OF TRANSPORTATION

BRIDGE OFFICE

MINNESOTA BRIDGES

December 2019

Data from April 2019 FHWA Submittal

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GENERAL INFORMATION

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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
2019

HIGHWAY STRUCTURES ❷						
ROUTE SYSTEM	HWY ON BRIDGE	RR	PED	BLDG	① OTHR	HWY TOTAL
TRUNK HIGHWAY	4,599	107	139	4	13	4,862
LOCAL HIGHWAY	15,182	230	289	12	11	15,724
SUBTOTAL	19,781	337	428	16	24	20,586
MISC ROUTES	75	0	7	0	1	83
TOTAL	19,856	337	435	16	25	20,669

① Includes highway tunnels, utility bridges

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

DEFICIENT HIGHWAY STRUCTURES										
	HWY ON	ALL SUFF RATINGS			SUFF RTG <= 80			SUFF RTG < 50		
ROUTE SYSTEM	BRIDGE	S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL
TRUNK HIGHWAY	4,599	89	188	277	85	106	191	13	4	17
LOCAL HIGHWAY	15,182	876	239	1,115	860	178	1,038	341	57	398
TOTAL ❷	19,781	965	427	1,392	945	284	1,229	354	61	415

DEFICIENT RAILROAD OVER HWY STRUCTURES		
ROUTE SYSTEM	TOTAL BRIDGES	NUMBER DEF
TRUNK HIGHWAY	107	46
LOCAL HIGHWAY	231	222
TOTAL	338	268

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	4,599
LOCAL HIGHWAY	15,182
TOTAL	19,781

SUMMARY OF STRUCTURES
OVER 20 FT
2019

HIGHWAY STRUCTURES ❷						
ROUTE SYSTEM	HWY ON BRIDGE	RR	PED	BLDG	① OTHR	HWY TOTAL
TRUNK HIGHWAY	3,654	106	139	4	13	3,916
LOCAL HIGHWAY	9,551	229	278	11	11	10,080
SUBTOTAL	13,205	335	417	15	24	13,996
MISC ROUTES	62	0	7	0	1	70
TOTAL	13,267	335	424	15	25	14,066

① Includes highway tunnels, utility bridges

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

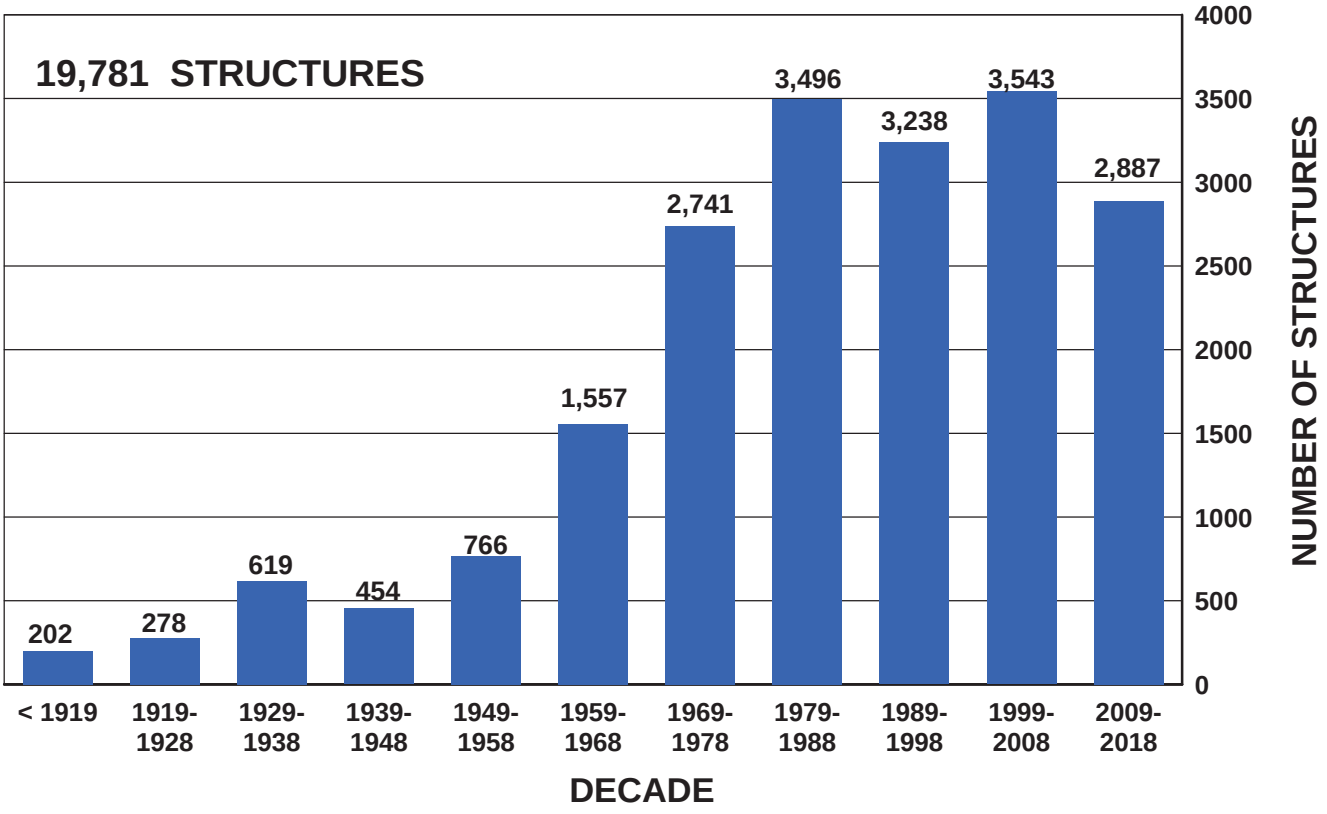
DEFICIENT HIGHWAY STRUCTURES										
	HWY ON	ALL SUFF RATINGS			SUFF RTG <= 80			SUFF RTG < 50		
ROUTE SYSTEM	BRIDGE	S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL	S.D.	F.O.	TOTAL
TRUNK HIGHWAY	3,654	70	187	257	66	106	172	8	4	12
LOCAL HIGHWAY	9,551	562	174	736	549	131	680	246	39	285
TOTAL ❷	13,205	632	361	993	615	237	852	254	43	297

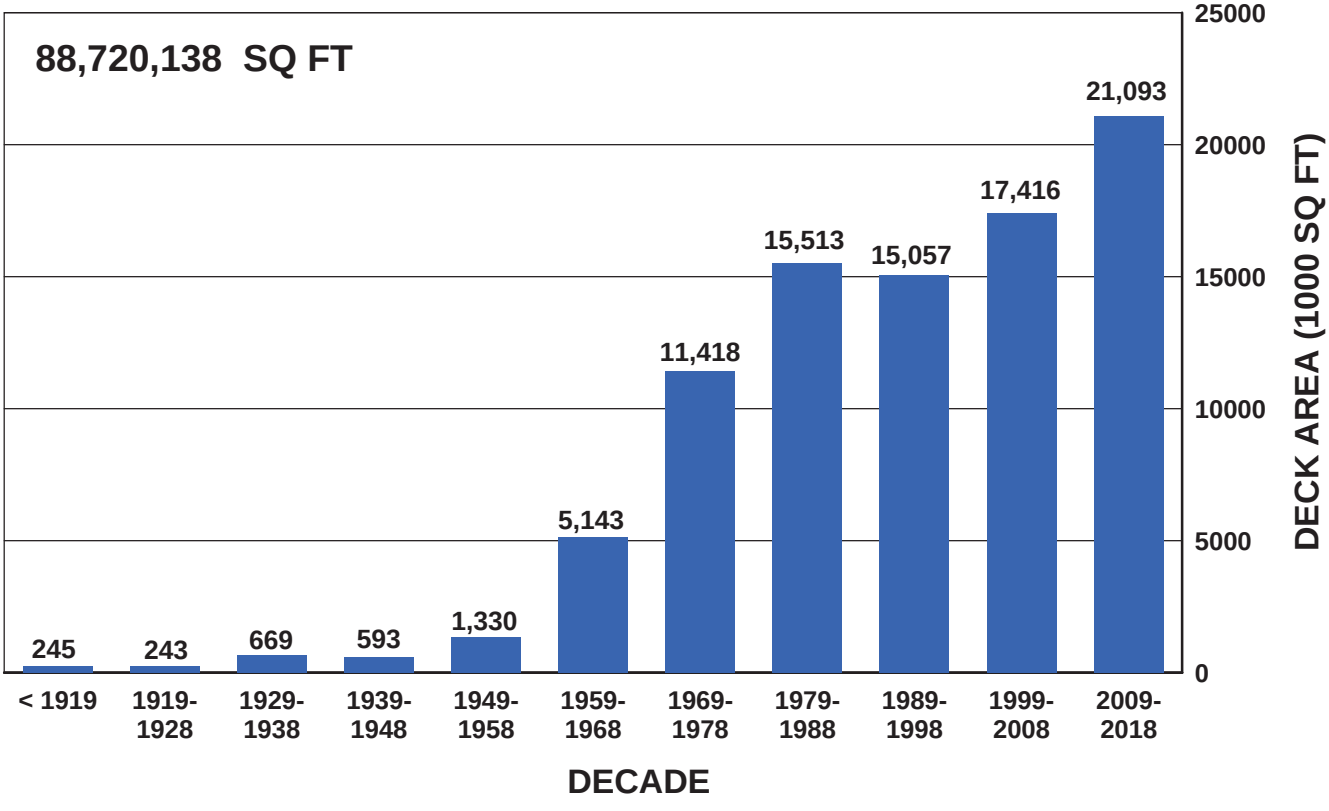
DEFICIENT RAILROAD OVER HWY STRUCTURES		
ROUTE SYSTEM	TOTAL BRIDGES	NUMBER DEF
TRUNK HIGHWAY	106	45
LOCAL HIGHWAY	230	221
TOTAL	336	266

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	**3,654**
LOCAL HIGHWAY	**9,551**
TOTAL	**13,205**

AGE PROFILE
10 FT AND OVER
2019





AGE AND CONDITION OF STRUCTURES BY ROUTE SYSTEM

2019

AGE OF STRUCTURES 10 FT AND OVER

ROUTE SYSTEM	# OF STRUCT	DECK AREA	PRE 1919	1919-1928	1929-1938	1939-1948	1949-1958	1959-1968	1969-1978	1979-1988	1989-1998	1999-2008	2009-2018
INTERSTATE	1,270	22,843,424	0	1	0	0	3	239	192	192	123	167	353
TRUNK HWY	3,329	29,493,133	2	29	237	144	268	195	385	488	521	538	522
COUNTY	7,785	21,988,022	50	94	216	190	331	795	1,229	1,174	1,243	1,320	1,143
TOWNSHIP	6,219	8,437,108	106	109	121	97	139	262	785	1,471	1,135	1,280	714
CITY	1,178	5,958,453	44	45	45	23	25	66	150	171	216	238	155
TOTAL	19,781	88,720,138	202	278	619	454	766	1,557	2,741	3,496	3,238	3,543	2,887

CONDITION OF STRUCTURES 10 FT AND OVER

ROUTE SYSTEM	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING
INTERSTATE	1,145	125	1,270	29	6.6	6.7	6.5	6.4	6.3	87.2
TRUNK HWY	1,707	1,622	3,329	37	6.9	7.0	6.8	6.5	6.5	90.9
COUNTY	2,910	4,875	7,785	35	6.8	6.8	6.7	7.0	6.7	92.5
TOWNSHIP	1,536	4,683	6,219	33	6.6	6.7	6.5	7.2	6.9	93.8
CITY	642	536	1,178	36	6.6	6.6	6.6	7.0	6.4	88.2
TOTAL	7,940	11,841	19,781	34	6.7	6.8	6.6	7.0	6.7	92.1

AGE OF STRUCTURES OVER 20 FT

ROUTE SYSTEM	# OF STRUCT	DECK AREA	PRE 1919	1919-1928	1929-1938	1939-1948	1949-1958	1959-1968	1969-1978	1979-1988	1989-1998	1999-2008	2009-2018
INTERSTATE	1,215	22,625,652	0	1	0	0	2	215	179	187	118	160	353
TRUNK HWY	2,439	28,205,899	1	17	111	58	160	136	302	397	416	432	409
COUNTY	4,915	19,293,978	26	36	99	103	185	551	848	782	757	791	737
TOWNSHIP	3,869	6,991,527	48	44	49	41	55	154	522	980	761	789	426
CITY	767	5,505,797	33	31	20	15	9	44	84	130	151	153	97
TOTAL	13,205	82,622,854	108	129	279	217	411	1,100	1,935	2,476	2,203	2,325	2,022

CONDITION OF STRUCTURES OVER 20 FT

ROUTE SYSTEM	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING
INTERSTATE	1,144	71	1,215	28	6.6	6.7	6.5	6.4	6.2	87.9
TRUNK HWY	1,690	749	2,439	33	6.9	7.0	6.8	6.4	6.5	91.2
COUNTY	2,782	2,133	4,915	34	6.8	6.9	6.7	7.1	6.6	91.9
TOWNSHIP	1,374	2,495	3,869	31	6.7	6.8	6.6	7.4	6.9	94.3
CITY	561	206	767	36	6.6	6.7	6.7	7.0	6.3	86.8
TOTAL	7,551	5,654	13,205	33	6.8	6.8	6.7	7.1	6.7	91.8

AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM ALL STRUCTURES 10 FT AND OVER 2019

ATP 1	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	39	33	83	32	3	190	918,662	33	90
COOK	0	33	55	1	0	89	158,361	34	84
ITASCA	0	57	105	28	3	193	790,001	34	89
KOOCHICHING	0	47	56	17	1	121	514,449	30	91
LAKE	0	29	63	15	1	108	355,912	37	89
PINE	31	25	110	43	7	216	752,942	34	92
ST LOUIS	81	178	502	77	127	965	6,628,632	35	90
ATP 1 TOTAL	**151**	**402**	**974**	**213**	**142**	**1,882**	**10,118,959**	**34**	**90**

ATP 2	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	0	37	81	44	3	165	560,639	30	95
CLEARWATER	0	12	42	27	1	82	115,226	36	93
HUBBARD	0	10	47	12	1	70	130,448	29	95
KITTSON	0	37	81	123	0	241	764,942	29	96
LAKE OF THE WOODS	0	17	64	68	0	149	277,205	29	93
MARSHALL	0	47	115	155	7	324	645,543	31	97
NORMAN	0	38	120	81	0	239	670,755	37	95
PENNINGTON	0	12	76	19	7	114	234,760	29	97
POLK	0	57	154	270	9	490	1,323,473	26	96
RED LAKE	0	15	57	33	2	107	266,720	34	96
ROSEAU	0	32	112	103	2	249	421,237	35	94
ATP 2 TOTAL	**0**	**314**	**949**	**935**	**32**	**2,230**	**5,410,946**	**31**	**95**

ATP 3	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	0	57	73	43	2	175	382,101	35	92
BENTON	0	32	80	29	3	144	761,286	38	93
CASS	0	30	56	19	2	107	263,577	36	88
CROW WING	0	27	46	28	12	113	485,187	33	90
ISANTI	0	14	27	9	2	52	227,751	29	92
KANABEC	0	22	60	16	0	98	258,719	35	94
MILLE LACS	0	37	62	49	1	149	486,556	30	95
MORRISON	0	51	118	85	5	259	795,806	30	94
SHERBURNE	0	12	32	8	1	53	441,612	27	90
STEARNS	54	50	121	89	16	330	1,716,619	39	92
TODD	2	27	97	68	4	198	381,785	30	95
WADENA	0	7	53	26	1	87	283,368	26	95
WRIGHT	16	24	43	34	2	119	724,097	31	93
ATP 3 TOTAL	**72**	**390**	**868**	**503**	**51**	**1,884**	**7,208,464**	**33**	**93**

AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES 10 FT AND OVER
2019

ATP 4	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	0	21	38	28	6	93	224,189	27	96
BIG STONE	0	11	11	14	1	37	56,453	42	94
CLAY	24	55	188	137	39	443	1,661,501	30	93
DOUGLAS	21	4	34	22	2	83	257,916	32	95
GRANT	4	8	23	25	0	60	112,932	37	92
MAHNOMEN	0	9	30	22	0	61	109,958	38	90
OTTERTAIL	24	34	76	58	10	202	720,075	39	93
POPE	0	9	26	37	1	73	128,292	33	98
STEVENS	0	15	22	29	3	69	144,118	33	98
SWIFT	0	23	47	65	1	136	390,514	29	95
TRAVERSE	0	21	84	58	0	163	258,800	38	96
WILKIN	5	36	126	121	2	290	592,350	31	96
ATP 4 TOTAL	**78**	**246**	**705**	**616**	**65**	**1,710**	**4,657,100**	**33**	**94**

ATP 6	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	0	35	97	136	7	275	586,672	41	92
FILLMORE	0	67	218	231	15	531	1,155,797	41	89
FREEBORN	54	13	99	71	7	244	984,935	37	95
GOODHUE	0	104	208	198	27	537	1,412,372	47	92
HOUSTON	0	58	83	97	0	238	807,938	32	92
MOWER	33	45	125	226	17	446	1,133,180	33	90
OLMSTED	25	117	216	115	61	534	2,614,192	35	93
RICE	25	25	94	51	20	215	809,428	32	92
STEELE	28	19	70	52	14	183	725,810	31	89
WABASHA	0	77	117	80	5	279	850,771	37	93
WINONA	38	79	103	85	25	330	1,718,866	39	88
ATP 6 TOTAL	**203**	**639**	**1,430**	**1,342**	**198**	**3,812**	**12,799,959**	**38**	**91**

AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES 10 FT AND OVER
2019

ATP 7	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	0	59	131	57	10	257	1,653,995	36	93
BROWN	0	18	67	76	3	164	598,738	39	93
COTTONWOOD	0	25	93	116	2	236	475,005	41	94
FARIBAULT	24	22	105	144	2	297	875,518	36	90
JACKSON	17	16	101	112	3	249	651,703	35	91
LE SUEUR	0	27	62	18	4	111	342,820	40	94
MARTIN	35	12	74	100	7	228	636,145	44	90
NICOLLET	0	28	47	25	1	101	328,059	30	95
NOBLES	27	28	139	209	9	412	789,759	38	93
ROCK	21	20	145	181	9	376	714,699	30	95
SIBLEY	0	25	67	60	5	157	473,154	24	96
WASECA	0	27	64	31	0	122	333,522	34	89
WATONWAN	0	31	97	89	1	218	614,928	38	95
ATP 7 TOTAL	**124**	**338**	**1,192**	**1,218**	**56**	**2,928**	**8,488,045**	**36**	**93**

ATP 8	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	0	33	52	102	7	194	481,050	35	89
KANDIYOHI	0	34	69	53	6	162	509,644	36	94
LAC QUI PARLE	0	22	86	140	0	248	579,303	31	94
LINCOLN	0	31	89	82	2	204	276,008	39	91
LYON	0	44	144	138	13	339	741,147	35	96
MCLEOD	0	17	55	44	5	121	456,610	27	97
MEEKER	0	21	34	53	4	112	222,747	40	84
MURRAY	0	18	82	105	4	209	341,813	36	94
PIPESTONE	0	29	121	153	3	306	472,222	32	92
REDWOOD	0	35	130	150	6	321	728,836	39	86
RENVILLE	0	16	121	100	1	238	404,638	34	87
YELLOW MEDICINE	0	55	130	140	2	327	727,465	36	94
ATP 8 TOTAL	**0**	**355**	**1,113**	**1,260**	**53**	**2,781**	**5,941,481**	**35**	**92**

METRO	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	21	57	62	2	42	184	1,916,427	27	89
CARVER	0	53	62	29	34	178	1,194,982	28	90
CHISAGO	18	12	37	9	11	87	315,517	34	90
DAKOTA	72	84	78	57	40	331	3,534,429	31	92
HENNEPIN	325	277	159	0	306	1,067	17,080,663	30	87
RAMSEY	154	75	60	0	75	364	6,468,549	25	85
SCOTT	3	57	72	30	38	200	1,037,500	30	92
WASHINGTON	49	30	24	5	35	143	2,547,117	28	92
METRO TOTAL	**642**	**645**	**554**	**132**	**581**	**2,554**	**34,095,184**	**29**	**89**

AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES 10 FT AND OVER
2019

	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	1,270	3,329	7,785	6,219	1,178	19,781	88,720,138	34	92

AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM ALL STRUCTURES OVER 20 FT 2019

ATP 1	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	39	23	54	24	2	142	843,518	31	90
COOK	0	14	23	1	0	38	118,396	33	83
ITASCA	0	40	90	22	2	154	753,440	32	90
KOOCHICHING	0	29	42	12	0	83	475,315	31	90
LAKE	0	23	41	10	0	74	318,398	38	87
PINE	30	17	82	32	4	165	717,389	33	92
ST LOUIS	78	140	346	48	57	669	6,330,906	32	90
ATP 1 TOTAL	**147**	**286**	**678**	**149**	**65**	**1,325**	**9,557,363**	**32**	**90**

ATP 2	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	0	26	45	21	2	94	500,230	30	94
CLEARWATER	0	11	22	13	0	46	88,052	36	92
HUBBARD	0	8	29	7	1	45	109,056	29	95
KITTSON	0	30	49	80	0	159	712,404	30	95
LAKE OF THE WOODS	0	13	18	21	0	52	205,821	31	93
MARSHALL	0	35	76	90	5	206	562,030	31	96
NORMAN	0	23	84	42	0	149	599,405	34	95
PENNINGTON	0	6	32	8	2	48	191,600	29	97
POLK	0	30	78	150	6	264	1,142,279	29	96
RED LAKE	0	10	36	11	2	59	232,225	33	95
ROSEAU	0	22	61	56	2	141	355,281	32	94
ATP 2 TOTAL	**0**	**214**	**530**	**499**	**20**	**1,263**	**4,698,382**	**31**	**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	323,590	34	92
BENTON	0	27	67	23	1	118	731,998	36	93
CASS	0	17	40	16	2	75	230,858	33	89
CROW WING	0	13	27	23	9	72	418,803	30	91
ISANTI	0	11	17	6	2	36	210,638	28	90
KANABEC	0	18	49	14	0	81	241,980	35	94
MILLE LACS	0	34	47	25	1	107	452,156	33	95
MORRISON	0	39	76	44	4	163	726,706	31	93
SHERBURNE	0	12	25	5	1	43	431,073	27	89
STEARNS	52	39	77	51	12	231	1,625,901	35	92
TODD	2	20	59	51	1	133	328,301	31	95
WADENA	0	6	47	21	1	75	275,755	26	95
WRIGHT	16	14	24	17	1	72	668,069	31	92
ATP 3 TOTAL	**70**	**281**	**599**	**313**	**36**	**1,299**	**6,665,829**	**32**	**93**

AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES OVER 20 FT
2019

ATP 4	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	0	11	21	16	5	53	183,000	24	96
BIG STONE	0	8	3	3	0	14	41,857	48	95
CLAY	20	36	85	64	20	225	1,478,589	33	91
DOUGLAS	20	1	11	7	0	39	209,964	36	92
GRANT	4	6	10	12	0	32	95,420	38	89
MAHNOMEN	0	5	21	16	0	42	94,336	35	88
OTTERTAIL	23	25	48	41	10	147	665,539	36	92
POPE	0	5	14	26	1	46	101,458	32	97
STEVENS	0	12	15	17	1	45	127,429	36	97
SWIFT	0	18	32	44	1	95	354,755	27	95
TRAVERSE	0	10	65	44	0	119	231,969	35	95
WILKIN	4	30	85	78	1	198	522,757	32	95
ATP 4 TOTAL	**71**	**167**	**410**	**368**	**39**	**1,055**	**4,107,072**	**33**	**93**

ATP 6	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	0	24	63	79	4	170	515,951	38	92
FILLMORE	0	46	154	124	7	331	1,011,362	37	91
FREEBORN	51	9	47	28	6	141	894,718	34	94
GOODHUE	0	71	119	109	24	323	1,228,777	42	92
HOUSTON	0	44	60	67	0	171	740,539	29	94
MOWER	26	34	93	170	16	339	1,043,576	32	90
OLMSTED	23	89	138	66	47	363	2,403,936	32	93
RICE	25	19	49	27	18	138	736,015	33	92
STEELE	27	16	44	34	12	133	676,884	30	89
WABASHA	0	43	60	38	4	145	715,421	34	93
WINONA	36	50	73	61	11	231	1,606,345	36	89
ATP 6 TOTAL	**188**	**445**	**900**	**803**	**149**	**2,485**	**11,573,522**	**35**	**92**

ATP 7	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	0	49	102	37	3	191	1,576,145	36	92
BROWN	0	13	46	45	3	107	545,926	37	93
COTTONWOOD	0	16	59	72	2	149	410,269	39	94
FARIBAULT	22	11	76	109	2	220	808,323	35	91
JACKSON	16	11	68	93	1	189	598,165	34	92
LE SUEUR	0	17	37	10	4	68	296,809	36	94
MARTIN	31	9	48	67	6	161	558,037	45	90
NICOLLET	0	15	20	14	0	49	250,850	28	95
NOBLES	22	18	81	175	5	301	688,034	37	94
ROCK	21	10	93	123	8	255	634,170	27	96
SIBLEY	0	18	42	41	1	102	416,872	25	96
WASECA	0	19	40	25	0	84	291,007	36	89
WATONWAN	0	28	73	63	1	165	574,218	38	95
ATP 7 TOTAL	**112**	**234**	**785**	**874**	**36**	**2,041**	**7,648,825**	**35**	**93**

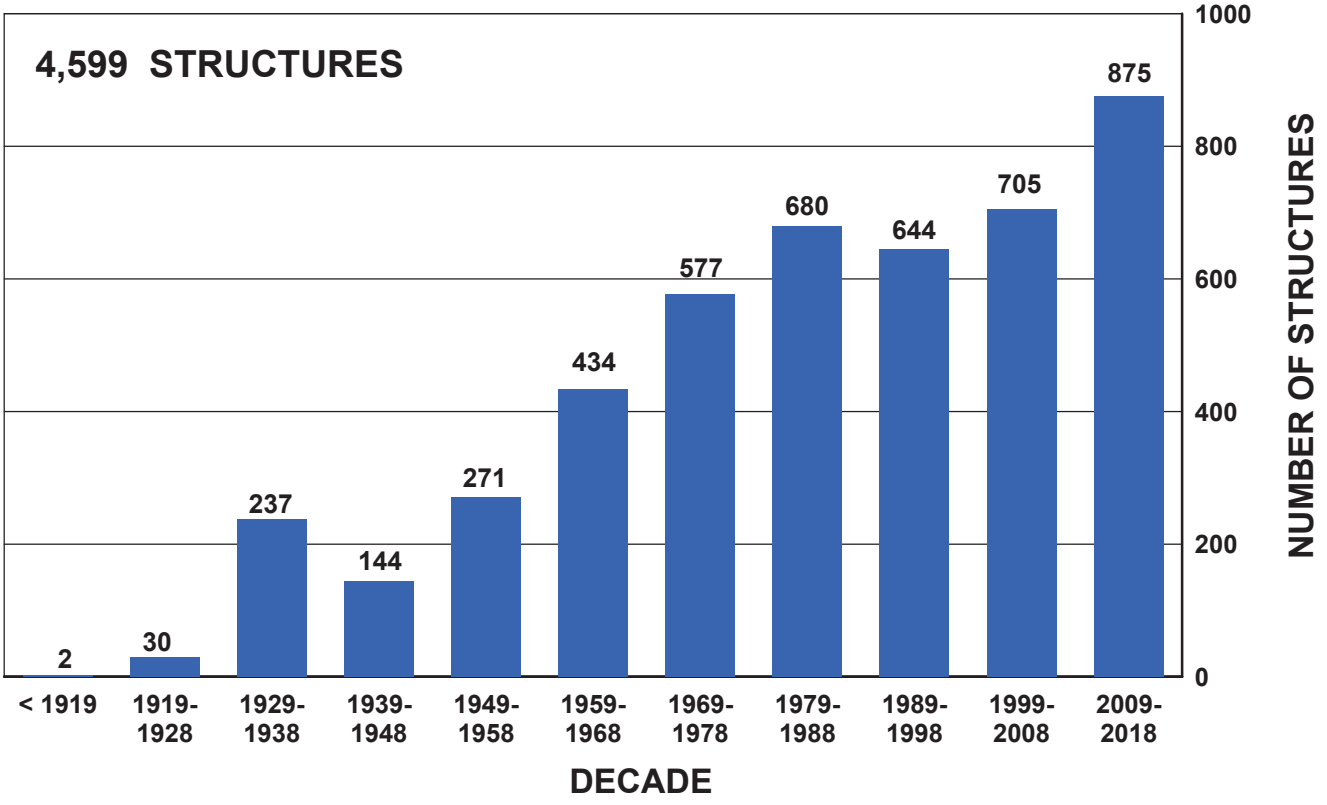
AVERAGE AGE AND CONDITION OF STRUCTURES
ALL STRUCTURES OVER 20 FT
2019

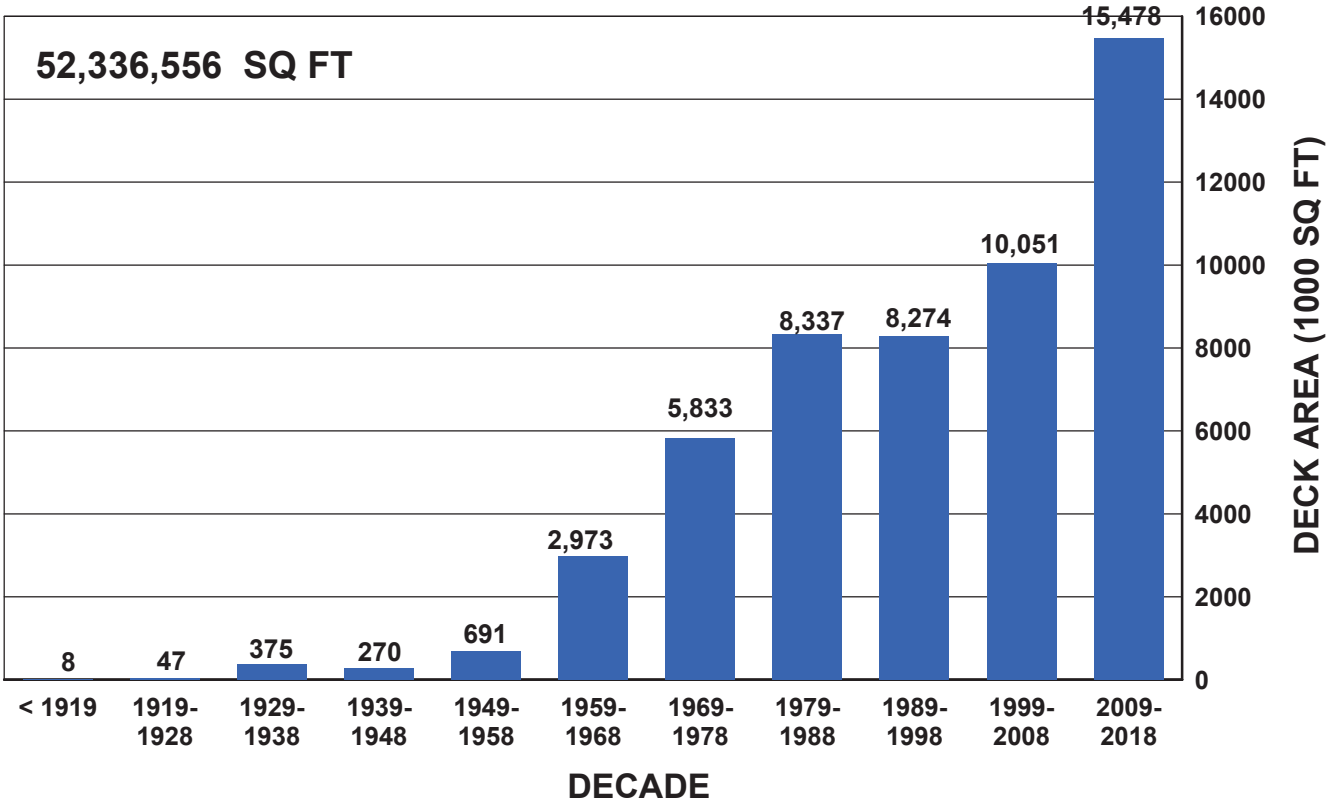
ATP 8	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	0	22	26	65	3	116	414,036	34	88
KANDIYOHI	0	23	36	30	3	92	432,000	36	93
LAC QUI PARLE	0	17	62	93	0	172	525,482	32	93
LINCOLN	0	18	41	45	1	105	195,447	39	90
LYON	0	31	99	92	11	233	642,510	34	96
MCLEOD	0	9	35	28	5	77	407,018	29	96
MEEKER	0	13	17	30	2	62	178,981	36	93
MURRAY	0	11	52	64	1	128	285,661	35	95
PIPESTONE	0	19	57	101	2	179	375,621	28	93
REDWOOD	0	19	85	84	5	193	607,928	36	87
RENVILLE	0	15	64	56	1	136	313,573	36	87
YELLOW MEDICINE	0	38	81	100	2	221	633,997	35	94
ATP 8 TOTAL	**0**	**235**	**655**	**788**	**36**	**1,714**	**5,012,253**	**34**	**92**

METRO	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	20	53	45	1	24	143	1,852,240	28	89
CARVER	0	43	35	17	20	115	1,127,386	26	91
CHISAGO	10	8	28	8	7	61	277,413	32	91
DAKOTA	72	71	48	31	29	251	3,450,157	27	91
HENNEPIN	320	262	105	0	206	893	16,787,406	29	87
RAMSEY	153	73	50	0	55	331	6,420,671	24	85
SCOTT	3	44	37	13	26	123	936,517	25	92
WASHINGTON	49	23	10	5	19	106	2,507,817	25	92
METRO TOTAL	**627**	**577**	**358**	**75**	**386**	**2,023**	**33,359,607**	**27**	**88**

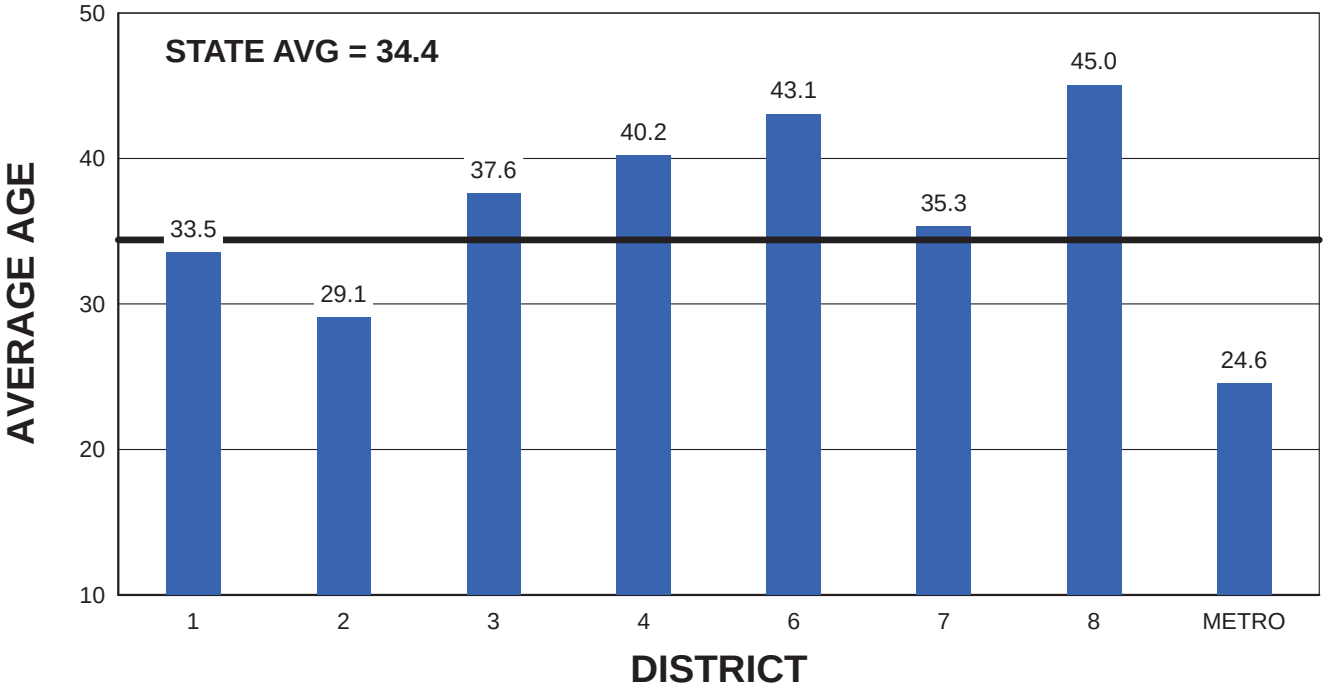
	INTER STATE	TRUNK HIGHWAY	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	**1,215**	**2,439**	**4,915**	**3,869**	**767**	**13,205**	**82,622,854**	**33**	**92**

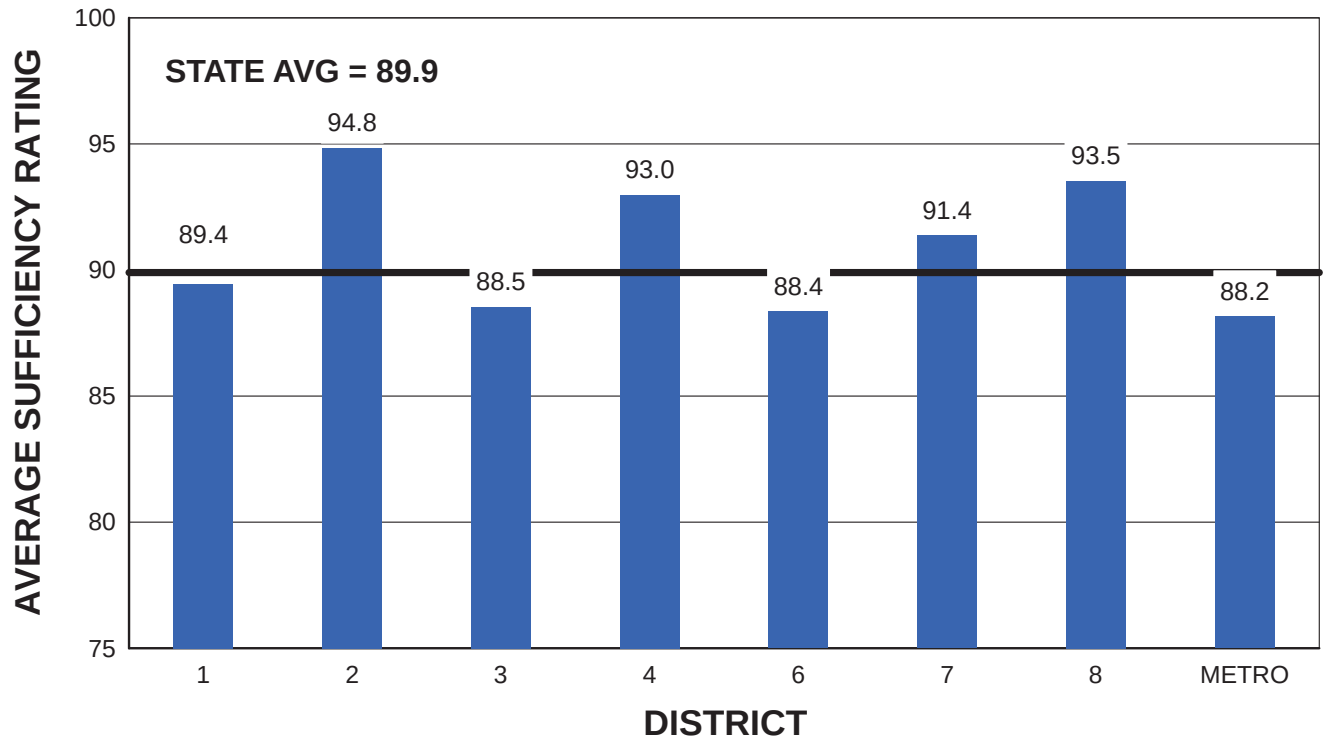
AGE PROFILE
TRUNK HIGHWAYS ONLY
10 FT AND OVER
2019





AVERAGE AGE AND SUFFICIENCY RATING BY DISTRICT TRUNK HIGHWAY STRUCTURES 10 FT AND OVER 2019





AVERAGE AGE AND CONDITION OF STRUCTURES BY DISTRICT TRUNK HIGHWAYS ONLY 2019

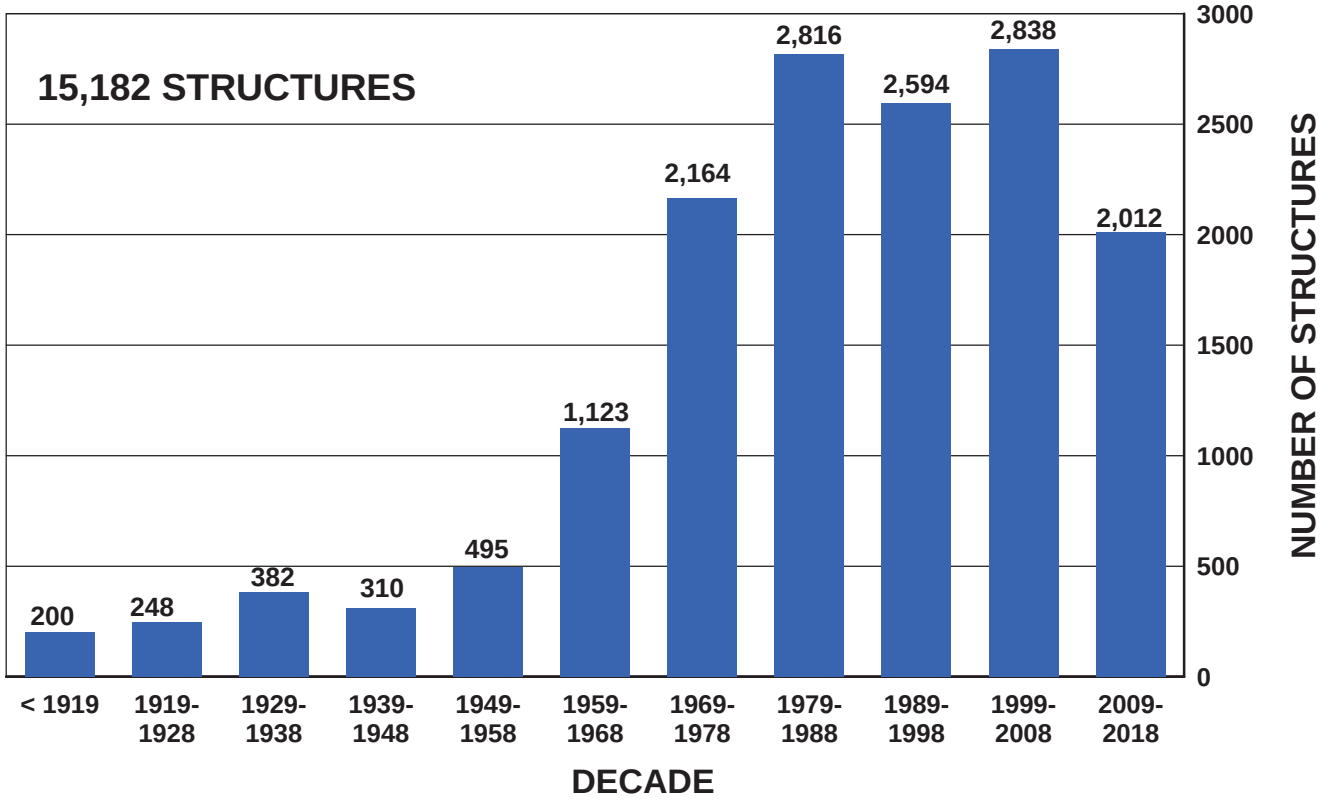
CONDITION OF STRUCTURES 10 FT AND OVER

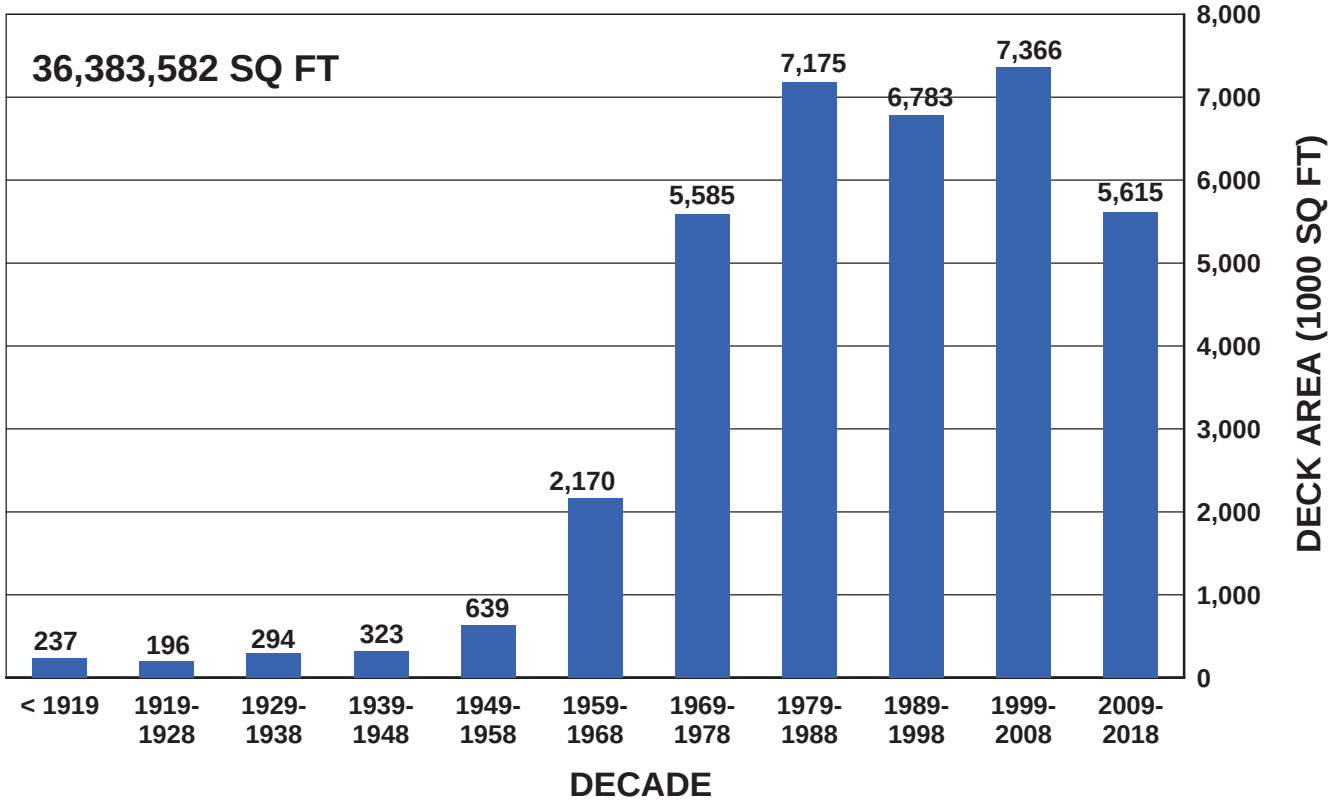
DISTRICT	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING
1	359	194	553	33.5	6.9	7.0	6.9	6.7	6.6	89.4
2	111	203	314	29.1	7.2	7.2	7.0	6.9	6.8	94.8
3	261	201	462	37.6	7.0	7.2	7.1	6.6	6.8	88.5
4	147	177	324	40.2	6.9	7.1	6.7	6.7	6.6	93.0
6	441	401	842	43.1	6.8	6.9	6.8	6.0	6.3	88.4
7	243	219	462	35.3	6.7	6.8	6.7	6.5	6.4	91.4
8	140	215	355	45.0	6.7	6.9	6.8	6.3	6.4	93.5
METRO	1,150	137	1,287	24.6	6.7	6.7	6.5	6.6	6.3	88.2
TOTAL	2,852	1,747	4,599	34.4	6.8	6.9	6.7	6.5	6.4	89.9

CONDITION OF STRUCTURES OVER 20 FT

DISTRICT	BRIDGES	CULVERTS	TOTAL STRUCTURES	AVG AGE	DECK	SUPER	SUB	CULV	STRUCT EVAL	SUFF RATING
1	356	77	433	31.7	6.9	7.0	6.9	6.5	6.5	89.6
2	111	103	214	28.2	7.2	7.2	7.0	6.8	6.7	94.7
3	258	93	351	32.8	7.0	7.2	7.1	6.7	6.9	89.7
4	147	91	238	37.8	6.9	7.1	6.7	6.6	6.6	92.7
6	430	203	633	38.4	6.8	6.9	6.8	6.0	6.4	89.5
7	243	103	346	34.8	6.7	6.8	6.7	6.4	6.4	92.0
8	140	95	235	42.5	6.7	6.9	6.8	6.2	6.4	92.9
METRO	1,149	55	1,204	23.5	6.7	6.7	6.5	6.4	6.3	88.2
TOTAL	2,834	820	3,654	31.5	6.8	6.9	6.7	6.4	6.4	90.1

AGE PROFILE
LOCAL HIGHWAYS ONLY
10 FT AND OVER
2019





AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM LOCAL STRUCTURES ONLY 10 FT AND OVER 2019

ATP 1	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	83	32	3	118	265,956	32	90.7
COOK	55	1	0	56	75,990	28	84.1
ITASCA	105	28	3	136	416,076	33	87.9
KOOCHICHING	56	17	1	74	164,149	32	90.7
LAKE	63	15	1	79	164,367	38	89.0
PINE	110	43	7	160	382,603	32	93.8
ST LOUIS	502	77	127	706	1,539,302	37	89.6
ATP 1 TOTAL	**974**	**213**	**142**	**1,329**	**3,008,444**	**35**	**89.8**

ATP 2	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	81	44	3	128	246,025	31	95.8
CLEARWATER	42	27	1	70	76,671	38	92.5
HUBBARD	47	12	1	60	102,924	27	94.8
KITTSON	81	123	0	204	299,387	30	95.5
LAKE OF THE WOODS	64	68	0	132	153,377	30	92.7
MARSHALL	115	155	7	277	473,169	31	97.3
NORMAN	120	81	0	201	492,885	39	95.1
PENNINGTON	76	19	7	102	185,670	30	97.2
POLK	154	270	9	433	952,294	26	96.3
RED LAKE	57	33	2	92	203,447	32	95.8
ROSEAU	112	103	2	217	309,070	35	93.8
ATP 2 TOTAL	**949**	**935**	**32**	**1,916**	**3,494,918**	**31**	**95.5**

ATP 3	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	73	43	2	118	216,308	28	93.3
BENTON	80	29	3	112	420,337	39	94.6
CASS	56	19	2	77	170,366	33	90.1
CROW WING	46	28	12	86	246,761	32	91.8
ISANTI	27	9	2	38	125,547	31	90.3
KANABEC	60	16	0	76	178,188	33	94.9
MILLE LACS	62	49	1	112	236,874	29	96.1
MORRISON	118	85	5	208	357,311	29	94.7
SHERBURNE	32	8	1	41	154,349	29	89.9
STEARNS	121	89	16	226	694,608	40	94.4
TODD	97	68	4	169	281,886	27	95.7
WADENA	53	26	1	80	247,603	26	95.6
WRIGHT	43	34	2	79	224,211	34	93.5
ATP 3 TOTAL	**868**	**503**	**51**	**1,422**	**3,554,350**	**32**	**94.1**

AVERAGE AGE AND CONDITION OF STRUCTURES
LOCAL STRUCTURES 10 FT AND OVER
2019

ATP 4	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	38	28	6	72	126,970	24	96.2
BIG STONE	11	14	1	26	30,272	33	94.0
CLAY	188	137	39	364	976,503	30	93.3
DOUGLAS	34	22	2	58	86,150	30	98.0
GRANT	23	25	0	48	50,977	36	92.5
MAHNOMEN	30	22	0	52	77,269	39	88.9
OTTERTAIL	76	58	10	144	348,317	38	93.3
POPE	26	37	1	64	108,922	30	98.0
STEVENS	22	29	3	54	82,673	32	98.1
SWIFT	47	65	1	113	265,143	28	95.2
TRAVERSE	84	58	0	142	216,716	34	96.0
WILKIN	126	121	2	249	410,323	30	95.6
ATP 4 TOTAL	**705**	**616**	**65**	**1,386**	**2,780,235**	**31**	**94.7**

ATP 6	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	97	136	7	240	388,478	40	91.6
FILLMORE	218	231	15	464	862,619	41	89.0
FREEBORN	99	71	7	177	299,232	36	96.7
GOODHUE	208	198	27	433	816,193	47	92.6
HOUSTON	83	97	0	180	387,863	30	93.4
MOWER	125	226	17	368	728,241	30	90.2
OLMSTED	216	115	61	392	1,419,260	33	95.3
RICE	94	51	20	165	393,048	29	93.1
STEELE	70	52	14	136	316,205	33	88.3
WABASHA	117	80	5	202	431,487	33	95.2
WINONA	103	85	25	213	476,187	34	89.7
ATP 6 TOTAL	**1,430**	**1,342**	**198**	**2,970**	**6,518,813**	**36**	**92.1**

ATP 7	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	131	57	10	198	770,861	37	93.5
BROWN	67	76	3	146	461,934	40	92.7
COTTONWOOD	93	116	2	211	358,079	41	93.5
FARIBAULT	105	144	2	251	510,098	37	89.6
JACKSON	101	112	3	216	377,846	35	91.4
LE SUEUR	62	18	4	84	167,852	39	95.1
MARTIN	74	100	7	181	318,670	44	90.2
NICOLLET	47	25	1	73	142,057	31	97.9
NOBLES	139	209	9	357	480,775	39	93.4
ROCK	145	181	9	335	509,535	29	95.5
SIBLEY	67	60	5	132	248,067	23	96.6
WASECA	64	31	0	95	178,458	37	89.2
WATONWAN	97	89	1	187	338,902	38	95.8
ATP 7 TOTAL	**1,192**	**1,218**	**56**	**2,466**	**4,863,133**	**36**	**93.2**

AVERAGE AGE AND CONDITION OF STRUCTURES
LOCAL STRUCTURES 10 FT AND OVER
2019

ATP 8	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	52	102	7	161	273,981	32	88.0
KANDIYOHI	69	53	6	128	233,378	36	93.3
LAC QUI PARLE	86	140	0	226	471,173	30	93.8
LINCOLN	89	82	2	173	212,360	36	90.2
LYON	144	138	13	295	550,630	34	97.1
MCLEOD	55	44	5	104	358,858	26	96.8
MEEKER	34	53	4	91	155,705	39	81.7
MURRAY	82	105	4	191	305,999	34	94.8
PIPESTONE	121	153	3	277	391,915	30	92.3
REDWOOD	130	150	6	286	578,989	39	84.5
RENVILLE	121	100	1	222	346,326	34	86.8
YELLOW MEDICINE	130	140	2	272	512,229	33	95.0
ATP 8 TOTAL	**1,113**	**1,260**	**53**	**2,426**	**4,391,543**	**34**	**91.5**

METRO	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	62	2	42	106	699,549	26	91.4
CARVER	62	29	34	125	624,974	31	89.4
CHISAGO	37	9	11	57	108,628	30	93.2
DAKOTA	78	57	40	175	523,152	32	94.7
HENNEPIN	159	0	306	465	3,249,529	39	85.0
RAMSEY	60	0	75	135	1,880,640	32	84.1
SCOTT	72	30	38	140	471,908	30	94.1
WASHINGTON	24	5	35	64	213,767	32	93.0
METRO TOTAL	**554**	**132**	**581**	**1,267**	**7,772,146**	**34**	**89.0**

	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	**7,785**	**6,219**	**1,178**	**15,182**	**36,383,582**	**34**	**92.6**

AVERAGE AGE AND CONDITION OF STRUCTURES BY COUNTY AND ROUTE SYSTEM LOCAL STRUCTURES ONLY OVER 20 FT 2019

ATP 1	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CARLTON	54	24	2	80	233,648	30	91.2
COOK	23	1	0	24	53,415	29	83.3
ITASCA	90	22	2	114	401,559	30	89.5
KOOCHICHING	42	12	0	54	149,026	32	90.2
LAKE	41	10	0	51	135,737	38	86.8
PINE	82	32	4	118	354,641	31	93.8
ST LOUIS	346	48	57	451	1,320,393	33	89.4
ATP 1 TOTAL	**678**	**149**	**65**	**892**	**2,648,420**	**32**	**89.9**

ATP 2	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BELTRAMI	45	21	2	68	200,975	33	94.0
CLEARWATER	22	13	0	35	51,620	39	91.4
HUBBARD	29	7	1	37	85,178	26	95.3
KITTSON	49	80	0	129	255,291	32	95.3
LAKE OF THE WOODS	18	21	0	39	87,013	32	92.9
MARSHALL	76	90	5	171	401,368	31	96.6
NORMAN	84	42	0	126	441,621	36	94.4
PENNINGTON	32	8	2	42	149,028	30	96.5
POLK	78	150	6	234	805,908	29	96.3
RED LAKE	36	11	2	49	173,046	33	95.3
ROSEAU	61	56	2	119	251,880	32	92.8
ATP 2 TOTAL	**530**	**499**	**20**	**1,049**	**2,902,927**	**32**	**95.1**

ATP 3	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
AITKIN	44	17	1	62	179,187	31	92.1
BENTON	67	23	1	91	403,513	38	94.3
CASS	40	16	2	58	152,057	31	91.1
CROW WING	27	23	9	59	223,807	31	91.6
ISANTI	17	6	2	25	111,636	32	86.4
KANABEC	49	14	0	63	167,258	33	94.6
MILLE LACS	47	25	1	73	208,095	33	96.2
MORRISON	76	44	4	124	303,455	32	94.3
SHERBURNE	25	5	1	31	143,810	30	89.5
STEARNS	77	51	12	140	622,866	36	94.3
TODD	59	51	1	111	236,009	28	95.4
WADENA	47	21	1	69	241,065	26	96.4
WRIGHT	24	17	1	42	188,372	36	90.9
ATP 3 TOTAL	**599**	**313**	**36**	**948**	**3,181,131**	**32**	**93.7**

AVERAGE AGE AND CONDITION OF STRUCTURES
LOCAL STRUCTURES OVER 20 FT
2019

ATP 4	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BECKER	21	16	5	42	103,890	22	95.6
BIG STONE	3	3	0	6	17,829	36	94.2
CLAY	85	64	20	169	825,244	34	90.9
DOUGLAS	11	7	0	18	43,900	31	97.5
GRANT	10	12	0	22	35,221	39	89.4
MAHNOMEN	21	16	0	37	65,393	37	87.3
OTTERTAIL	48	41	10	99	310,167	34	92.7
POPE	14	26	1	41	86,805	29	96.9
STEVENS	15	17	1	33	68,767	37	97.0
SWIFT	32	44	1	77	234,989	27	94.7
TRAVERSE	65	44	0	109	197,084	33	95.4
WILKIN	85	78	1	164	349,656	30	95.1
ATP 4 TOTAL	**410**	**368**	**39**	**817**	**2,338,945**	**32**	**93.7**

ATP 6	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
DODGE	63	79	4	146	327,682	38	92.5
FILLMORE	154	124	7	285	747,124	37	90.3
FREEBORN	47	28	6	81	226,550	31	97.4
GOODHUE	119	109	24	252	677,638	42	93.1
HOUSTON	60	67	0	127	338,359	27	94.5
MOWER	93	170	16	279	670,607	29	90.2
OLMSTED	138	66	47	251	1,270,145	31	94.7
RICE	49	27	18	94	329,032	27	93.4
STEELE	44	34	12	90	274,473	33	88.5
WABASHA	60	38	4	102	337,280	33	94.1
WINONA	73	61	11	145	418,567	32	90.3
ATP 6 TOTAL	**900**	**803**	**149**	**1,852**	**5,617,457**	**33**	**92.3**

ATP 7	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
BLUE EARTH	102	37	3	142	719,050	38	93.1
BROWN	46	45	3	94	415,651	37	93.1
COTTONWOOD	59	72	2	133	303,040	39	94.3
FARIBAULT	76	109	2	187	461,603	35	90.2
JACKSON	68	93	1	162	335,046	34	92.3
LE SUEUR	37	10	4	51	131,943	38	95.0
MARTIN	48	67	6	121	258,324	47	88.9
NICOLLET	20	14	0	34	95,713	29	97.8
NOBLES	81	175	5	261	412,077	37	94.3
ROCK	93	123	8	224	442,430	26	96.8
SIBLEY	42	41	1	84	203,357	23	96.2
WASECA	40	25	0	65	152,418	39	88.5
WATONWAN	73	63	1	137	300,510	38	95.4
ATP 7 TOTAL	**785**	**874**	**36**	**1,695**	**4,231,161**	**35**	**93.5**

AVERAGE AGE AND CONDITION OF STRUCTURES
LOCAL STRUCTURES OVER 20 FT
2019

ATP 8	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
CHIPPEWA	26	65	3	94	219,953	33	87.1
KANDIYOHI	36	30	3	69	174,197	40	92.9
LAC QUI PARLE	62	93	0	155	422,504	31	93.1
LINCOLN	41	45	1	87	146,662	34	89.4
LYON	99	92	11	202	476,739	33	96.7
MCLEOD	35	28	5	68	325,263	29	95.7
MEEKER	17	30	2	49	123,099	35	93.5
MURRAY	52	64	1	117	255,319	34	95.1
PIPESTONE	57	101	2	160	309,804	26	93.3
REDWOOD	85	84	5	174	478,215	35	86.4
RENVILLE	64	56	1	121	256,396	35	85.6
YELLOW MEDICINE	81	100	2	183	444,197	33	94.8
ATP 8 TOTAL	**655**	**788**	**36**	**1,479**	**3,632,347**	**33**	**92.1**

METRO	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
ANOKA	45	1	24	70	647,394	29	91.1
CARVER	35	17	20	72	570,687	29	89.5
CHISAGO	28	8	7	43	95,482	31	92.0
DAKOTA	48	31	29	108	447,869	28	94.2
HENNEPIN	105	0	206	311	3,054,361	39	83.3
RAMSEY	50	0	55	105	1,837,803	31	82.9
SCOTT	37	13	26	76	402,234	25	93.7
WASHINGTON	10	5	19	34	183,085	27	93.5
METRO TOTAL	**358**	**75**	**386**	**819**	**7,238,915**	**33**	**87.7**

	COUNTY	TOWN SHIP	CITY	TOTAL	AREA	AVG AGE	AVG S.R.
STATE TOTAL	**4,915**	**3,869**	**767**	**9,551**	**31,791,302**	**33**	**92.4**

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
2019

DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	46	33	78	0	1	33	112
TRUNK HWY	4	36	58	44	7	2	56	76
COUNTY	197	42	487	14	7	18	469	58
TOWNSHIP	198	88	360	5	23	53	335	81
CITY	59	109	81	15	0	11	72	100
TOTAL	**458**	**321**	**1,019**	**156**	**37**	**85**	**965**	**427**

RAILROAD DEFICIENCIES

ROUTE SYSTEM	TOTAL # OF RR BR's	NUMBER DEFICIENT	EST IMPR COST
INTERSTATE	38	11	$36,236,000
TRUNK HWY	69	35	$48,846,000
COUNTY	76	72	$115,578,000
TOWNSHIP	27	26	$34,480,000
CITY	128	124	$250,994,000
TOTAL	**338**	**268**	**$486,134,000**

DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING <= 80
2019

DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	36	30	34	0	0	30	58
TRUNK HWY	4	31	57	26	2	2	55	48
COUNTY	197	39	481	9	3	15	462	44
TOWNSHIP	196	80	354	3	13	42	328	58
CITY	59	91	79	9	0	9	70	76
TOTAL	**456**	**277**	**1,001**	**81**	**18**	**68**	**945**	**284**

DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING < 50
2019

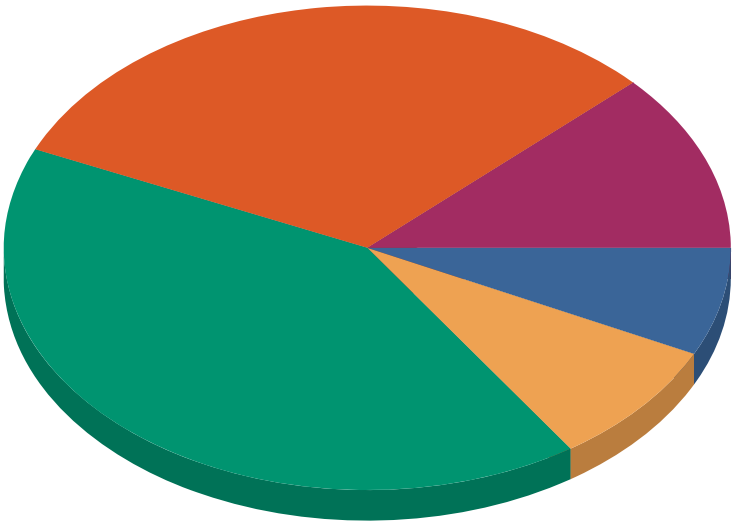
DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	0	1	0	0	0	1	0
TRUNK HWY	2	3	14	3	2	1	12	4
COUNTY	127	20	163	3	3	5	148	18
TOWNSHIP	139	58	171	1	10	23	150	25
CITY	46	29	52	4	0	4	43	14
TOTAL	**314**	**110**	**401**	**11**	**15**	**33**	**354**	**61**

ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING <= 80
2019

PERCENTAGE OF DEFICIENT STRUCTURES

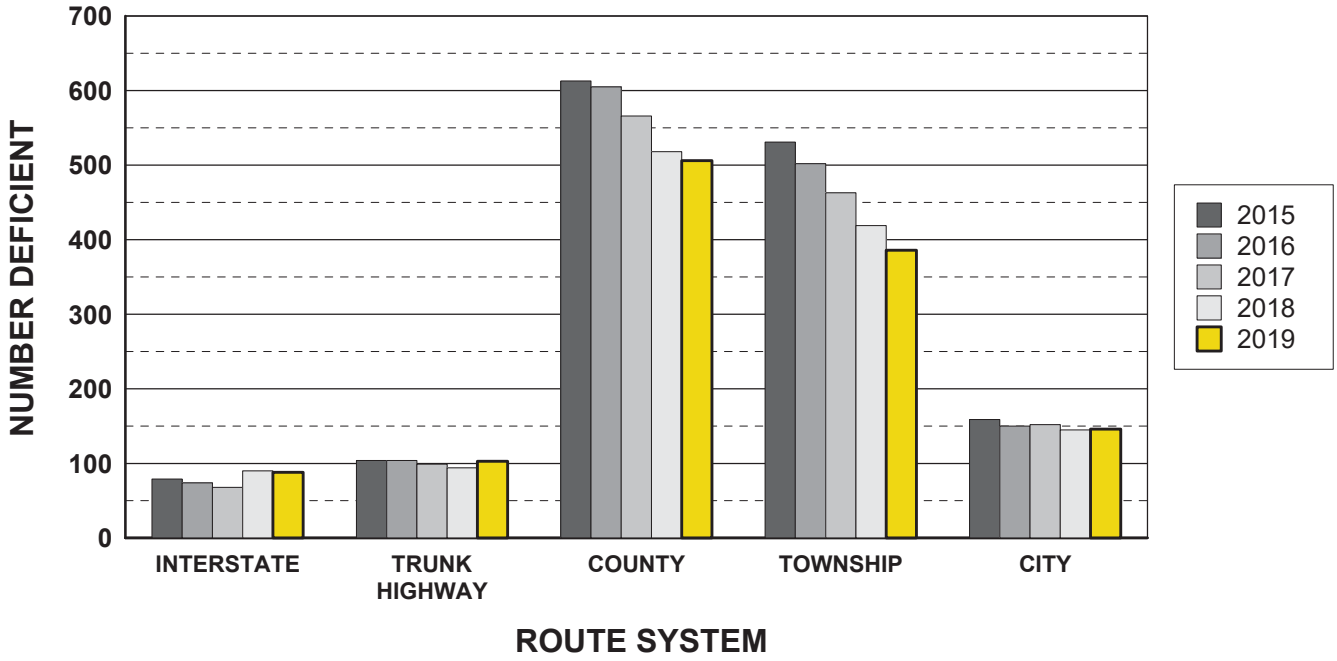
1,229 DEFICIENT STRUCTURES



INTERSTATE	7.2%
TRUNK HIGHWAY	8.4%
COUNTY	41.2%
TOWNSHIP	31.4%
CITY	11.9%
Total:	100.0%

ALL STRUCTURES 10 FT AND OVER
SUFFICIENCY RATING <= 80
2019

DEFICIENT STRUCTURE HISTORY



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

2019

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
01-AITKIN	1	6	2	0	9
02-ANOKA	5	4	0	0	9
03-BECKER	0	1	1	0	2
04-BELTRAMI	1	1	1	1	4
05-BENTON	0	2	3	0	5
06-BIG STONE	0	0	1	0	1
07-BLUE EARTH	2	12	0	0	14
08-BROWN	0	2	3	0	5
09-CARLTON	9	10	2	0	21
10-CARVER	0	7	4	7	18
11-CASS	1	4	0	1	6
12-CHIPPEWA	1	5	14	2	22
13-CHISAGO	2	1	3	2	8
14-CLAY	0	11	8	1	20
15-CLEARWATER	0	0	0	0	0
16-COOK	1	11	0	0	12
17-COTTONWOOD	0	2	5	0	7
18-CROW WING	3	3	1	2	9
19-DAKOTA	6	1	2	0	9
20-DODGE	0	9	9	0	18
21-DOUGLAS	1	0	0	0	1
22-FARIBAULT	0	12	15	0	27
23-FILLMORE	1	24	25	1	51
24-FREEBORN	0	2	0	0	2
25-GOODHUE	3	3	16	5	27

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

2019

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
26-GRANT	1	4	1	0	6
27-HENNEPIN	52	22	0	61	135
28-HOUSTON	0	1	11	0	12
29-HUBBARD	0	3	1	0	4
30-ISANTI	0	4	1	0	5
31-ITASCA	2	10	6	2	20
32-JACKSON	0	7	6	0	13
33-KANABEC	1	0	0	0	1
34-KANDIYOHI	0	4	7	0	11
35-KITTSON	0	1	3	0	4
36-KOOCHICHING	1	6	0	0	7
37-LAC QUI PARLE	0	4	11	0	15
38-LAKE	3	7	0	0	10
39-LAKE OF THE WOOI	1	1	3	0	5
40-LE SUEUR	1	2	0	0	3
41-LINCOLN	0	16	17	0	33
42-LYON	1	3	5	1	10
43-MCLEOD	0	3	0	0	3
44-MAHNOMEN	0	4	3	0	7
45-MARSHALL	1	1	2	0	4
46-MARTIN	0	4	12	1	17
47-MEEKER	0	1	2	1	4
48-MILLE LACS	0	2	0	0	2
49-MORRISON	0	10	4	0	14
50-MOWER	6	19	26	5	56

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

2019

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
51-MURRAY	0	9	6	0	15
52-NICOLLET	1	1	1	0	3
53-NOBLES	1	2	3	2	8
54-NORMAN	0	4	2	0	6
55-OLMSTED	3	5	0	4	12
56-OTTER TAIL	2	6	1	1	10
57-PENNINGTON	0	2	0	0	2
58-PINE	1	8	1	0	10
59-PIPESTONE	0	14	19	0	33
60-POLK	1	5	8	0	14
61-POPE	0	0	1	0	1
62-RAMSEY	36	10	0	12	58
63-RED LAKE	0	0	2	0	2
64-REDWOOD	0	28	34	3	65
65-RENVILLE	0	33	15	0	48
66-RICE	0	1	0	3	4
67-ROCK	0	8	3	3	14
68-ROSEAU	0	4	6	0	10
69-ST LOUIS	17	45	8	10	80
70-SCOTT	2	1	0	2	5
71-SHERBURNE	1	3	1	0	5
72-SIBLEY	1	3	1	0	5
73-STEARNS	1	2	2	1	6
74-STEELE	1	5	6	2	14
75-STEVENS	0	0	1	0	1

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

2019

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
76-SWIFT	0	0	1	0	1
77-TODD	1	4	0	0	5
78-TRAVERSE	1	2	2	0	5
79-WABASHA	1	2	3	0	6
80-WADENA	0	1	2	0	3
81-WASECA	0	5	1	0	6
82-WASHINGTON	2	1	0	3	6
83-WATONWAN	0	2	2	0	4
84-WILKIN	0	7	6	0	13
85-WINONA	8	10	5	6	29
86-WRIGHT	0	0	1	1	2
87-YELLOW MEDICINE	3	1	6	0	10
TOTAL	**191**	**506**	**386**	**146**	**1229**

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
2019

DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	46	33	78	0	1	33	112
TRUNK HWY	4	36	39	44	6	2	37	75
COUNTY	166	37	335	14	5	10	325	44
TOWNSHIP	148	67	200	5	14	28	184	53
CITY	50	84	60	15	0	9	53	77
TOTAL	**368**	**270**	**667**	**156**	**25**	**50**	**632**	**361**

RAILROAD DEFICIENCIES

ROUTE SYSTEM	TOTAL # OF RR BR's	NUMBER DEFICIENT	EST IMPR COST
INTERSTATE	38	11	$36,236,000
TRUNK HWY	68	34	$48,846,000
COUNTY	75	71	$114,725,000
TOWNSHIP	27	26	$34,480,000
CITY	128	124	$250,994,000
TOTAL	**336**	**266**	**$485,281,000**

DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING <= 80
2019

DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	36	30	34	0	0	30	58
TRUNK HWY	4	31	38	26	2	2	36	48
COUNTY	166	34	329	9	1	9	318	32
TOWNSHIP	146	62	196	3	9	25	180	41
CITY	50	71	58	9	0	7	51	58
TOTAL	**366**	**234**	**651**	**81**	**12**	**43**	**615**	**237**

DEFICIENCIES BY ROUTE SYSTEM
ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING < 50
2019

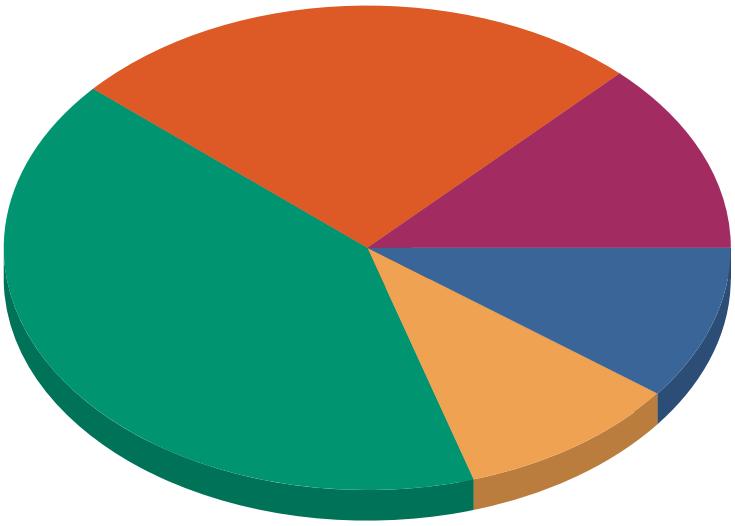
DEFICIENCIES

ROUTE SYSTEM	LOAD	WIDTH	COND	UNDER CLEAR	WATER	APPR RDWY	S.D.	F.O.
INTERSTATE	0	0	1	0	0	0	1	0
TRUNK HWY	2	3	9	3	2	1	7	4
COUNTY	106	17	124	3	1	3	115	12
TOWNSHIP	100	44	109	1	6	15	97	15
CITY	38	27	41	4	0	4	34	12
TOTAL	**246**	**91**	**284**	**11**	**9**	**23**	**254**	**43**

ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING <= 80
2019

PERCENTAGE OF DEFICIENT STRUCTURES

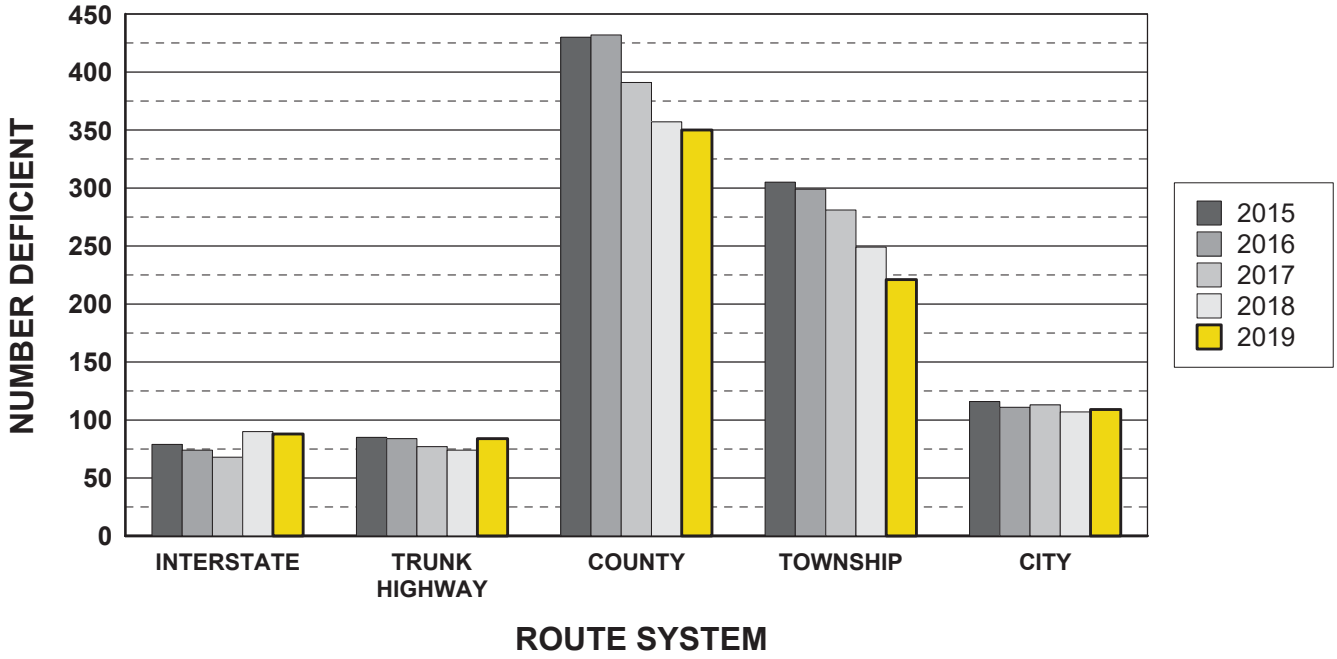
852 DEFICIENT STRUCTURES



INTERSTATE	10.3%
TRUNK HIGHWAY	9.9%
COUNTY	41.1%
TOWNSHIP	25.9%
CITY	12.8%
Total:	100.0%

ALL STRUCTURES OVER 20 FT
SUFFICIENCY RATING <= 80
2019

DEFICIENT STRUCTURE HISTORY



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

2019

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

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

2019

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
26-GRANT	1	2	1	0	4
27-HENNEPIN	52	19	0	45	116
28-HOUSTON	0	1	7	0	8
29-HUBBARD	0	3	0	0	3
30-ISANTI	0	4	1	0	5
31-ITASCA	2	7	4	1	14
32-JACKSON	0	4	6	0	10
33-KANABEC	1	0	0	0	1
34-KANDIYOHI	0	1	4	0	5
35-KITTSON	0	1	3	0	4
36-KOOCHICHING	1	5	0	0	6
37-LAC QUI PARLE	0	4	7	0	11
38-LAKE	3	7	0	0	10
39-LAKE OF THE WOOI	1	1	1	0	3
40-LE SUEUR	1	1	0	0	2
41-LINCOLN	0	7	7	0	14
42-LYON	1	2	3	1	7
43-MCLEOD	0	3	0	0	3
44-MAHNOMEN	0	3	3	0	6
45-MARSHALL	1	1	2	0	4
46-MARTIN	0	3	11	1	15
47-MEEKER	0	0	2	0	2
48-MILLE LACS	0	1	0	0	1
49-MORRISON	0	7	2	0	9
50-MOWER	6	17	16	5	44

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

2019

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
51-MURRAY	0	5	2	0	7
52-NICOLLET	1	1	0	0	2
53-NOBLES	1	2	2	1	6
54-NORMAN	0	4	1	0	5
55-OLMSTED	3	5	0	3	11
56-OTTER TAIL	2	5	1	1	9
57-PENNINGTON	0	1	0	0	1
58-PINE	1	6	1	0	8
59-PIPESTONE	0	10	9	0	19
60-POLK	1	5	5	0	11
61-POPE	0	0	1	0	1
62-RAMSEY	36	9	0	11	56
63-RED LAKE	0	0	1	0	1
64-REDWOOD	0	14	13	3	30
65-RENVILLE	0	13	9	0	22
66-RICE	0	1	0	2	3
67-ROCK	0	6	0	2	8
68-ROSEAU	0	3	5	0	8
69-ST LOUIS	15	34	5	8	62
70-SCOTT	2	1	0	1	4
71-SHERBURNE	1	2	0	0	3
72-SIBLEY	0	2	1	0	3
73-STEARNS	1	0	0	1	2
74-STEELE	1	2	4	2	9
75-STEVENS	0	0	1	0	1

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

2019

	1-IS & TH	3-CNTY	4-TWP	5-CITY	TOTAL
76-SWIFT	0	0	1	0	1
77-TODD	1	3	0	0	4
78-TRAVERSE	1	2	1	0	4
79-WABASHA	0	2	2	0	4
80-WADENA	0	1	0	0	1
81-WASECA	0	4	1	0	5
82-WASHINGTON	2	0	0	2	4
83-WATONWAN	0	1	2	0	3
84-WILKIN	0	4	5	0	9
85-WINONA	3	9	1	2	15
86-WRIGHT	0	0	1	1	2
87-YELLOW MEDICINE	1	1	4	0	6
TOTAL	**172**	**350**	**221**	**109**	**852**

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**

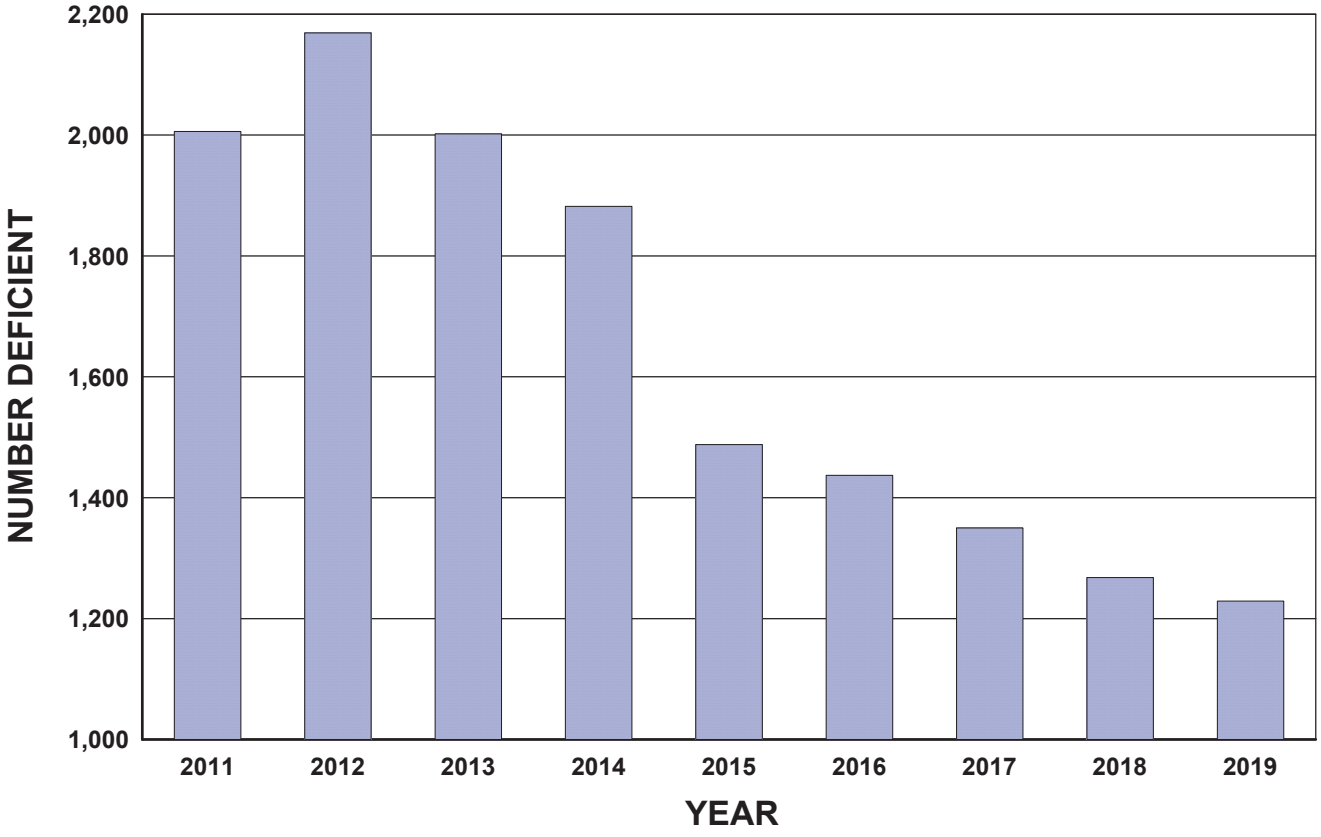
Condition: Appraisal Rating of **4 or less** for: **Deck, Superstructure, Substructure, or Culvert**
OR
Appraisal Rating of **3 or less** for: **Structure Evaluation**

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

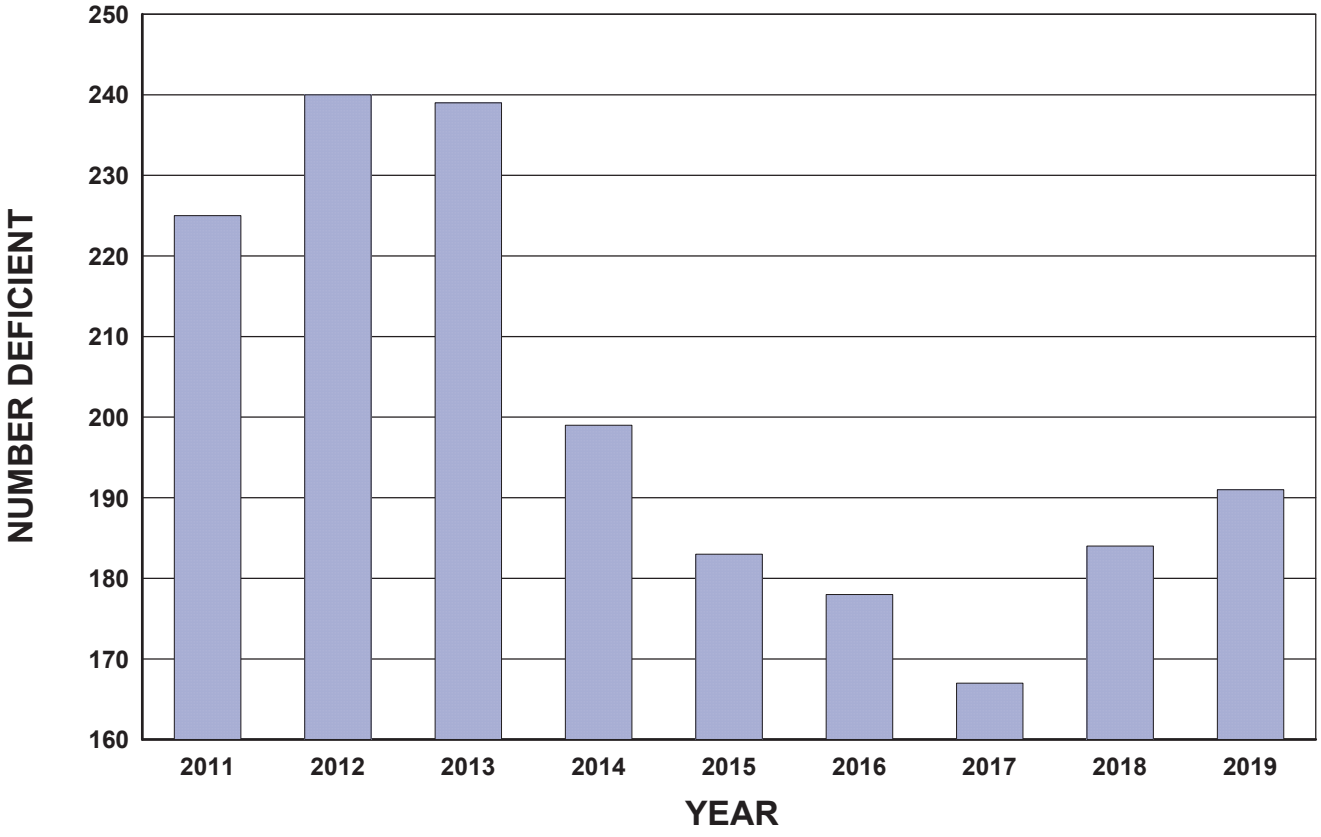
Width: Appraisal Rating of **3 or less** for **Deck Geometry**

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

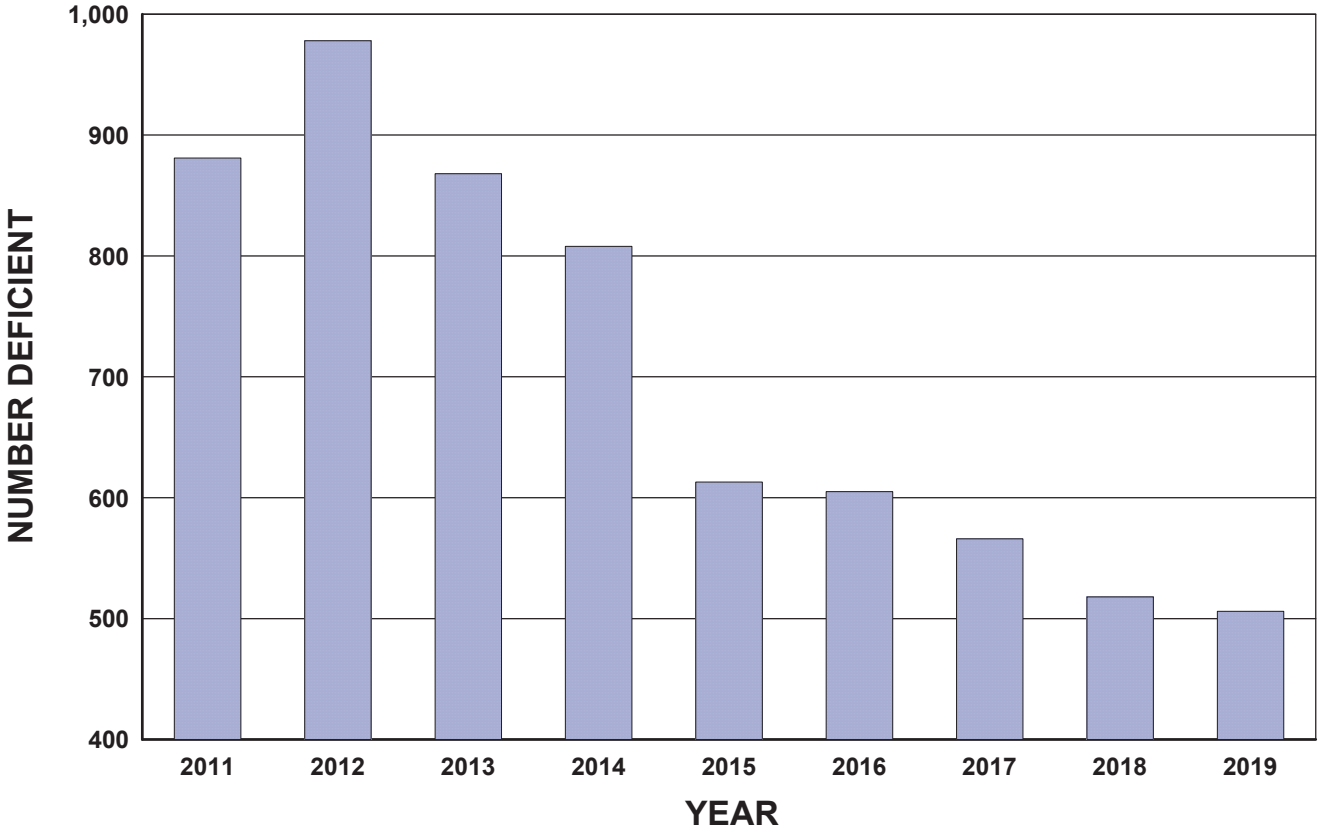
DEFICIENT STRUCTURE HISTORY
ALL ROUTE SYSTEMS
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2019



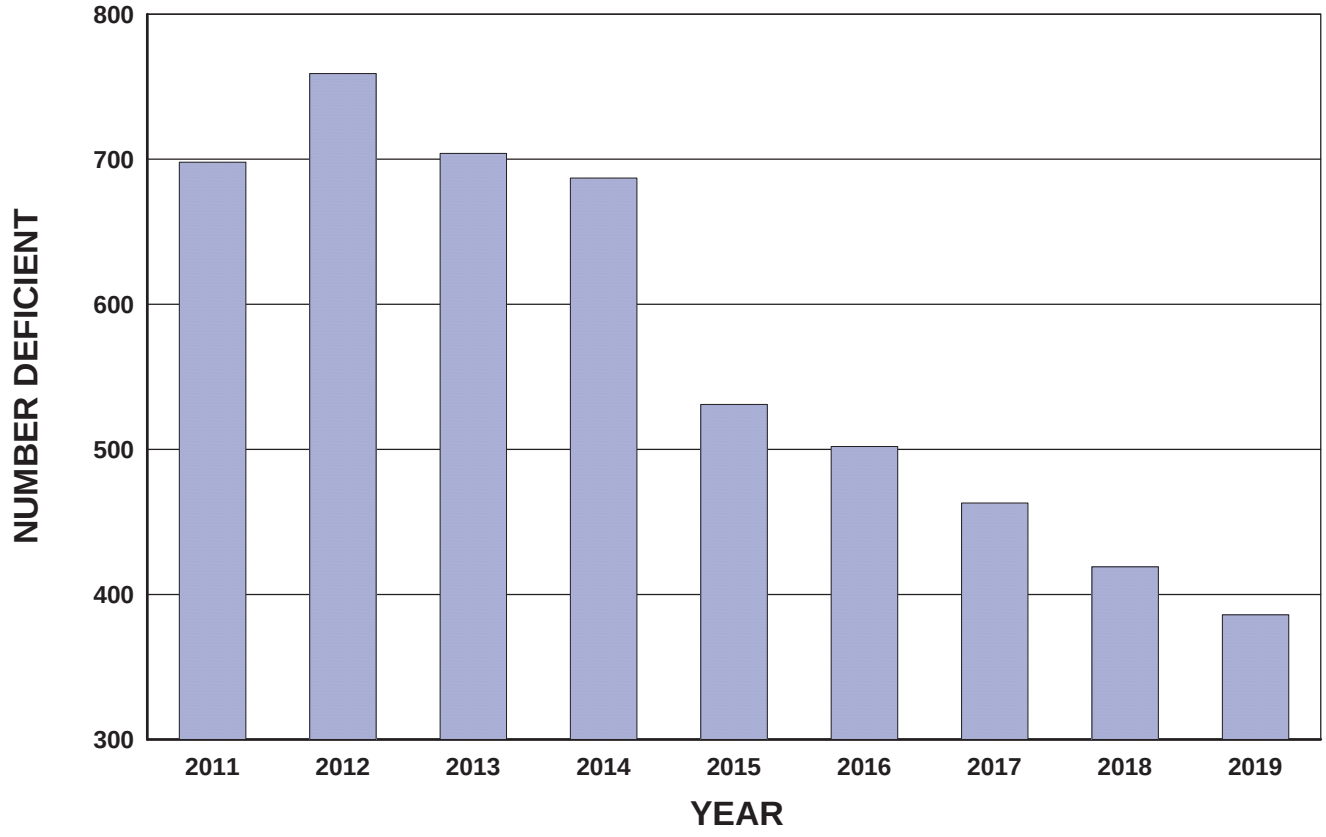
DEFICIENT STRUCTURE HISTORY
INTERSTATE AND TRUNK HIGHWAY
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2019



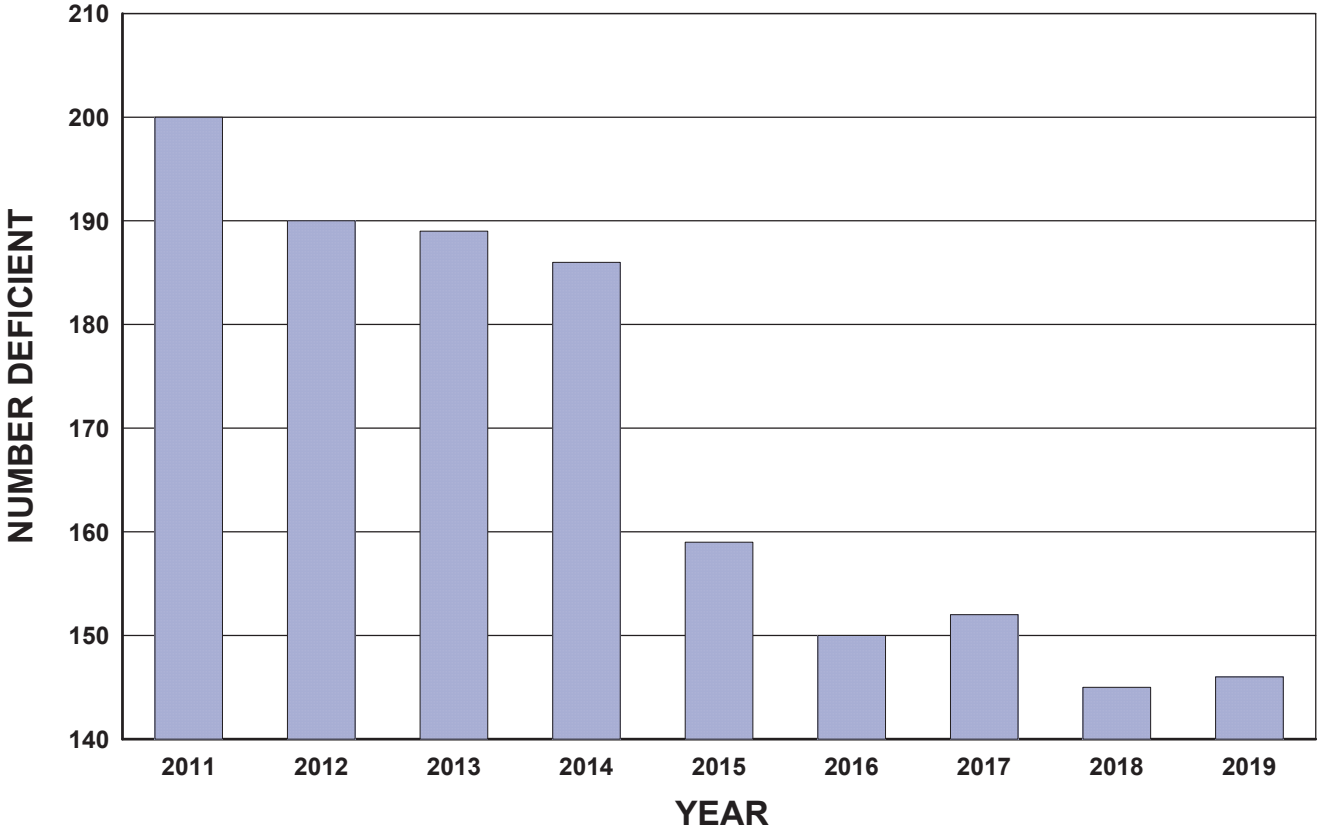
DEFICIENT STRUCTURE HISTORY
COUNTY HIGHWAY
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2019



DEFICIENT STRUCTURE HISTORY
TOWNSHIP ROAD
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2019



DEFICIENT STRUCTURE HISTORY
CITY STREET
SUFFICIENCY RATING <= 80
ALL STRUCTURES 10 FT AND OVER
2019



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.

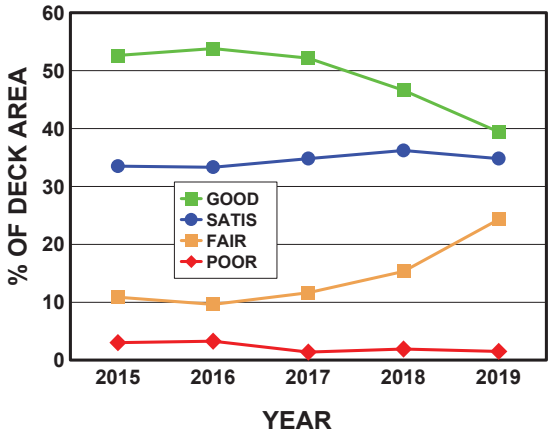
Acceptable - The inventory rating is less than HS25, and there are no permit limitations or posted restrictions.

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
2019

STRUCTURAL CONDITION

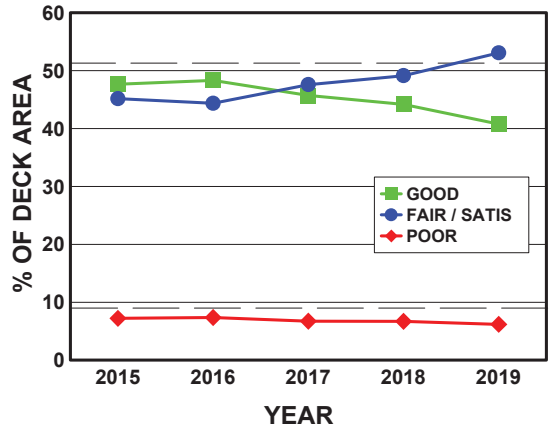


TARGETS	55% GOOD CONDITION						
	2% POOR CONDITION (STRUCTURALLY DEFICIENT)						
MEASURES	CONDITION CODES				APPRAISAL RATINGS		
	DECK	SUPER STRUCTURE	SUB STRUCTURE	CULVERT	STRUCT EVAL	WATERWAY ADEQUACY	
GOOD	≥ 7	≥ 7	≥ 7	≥ 7	≥ 6	≥ 6	
POOR	≤ 4	≤ 4	≤ 4	≤ 4	≤ 2	≤ 2	

HISTORY		2015	2016	2017	2018	2019
	GOOD	52.6%	53.8%	52.2%	46.6%	39.4%
	SATIS	33.5%	33.3%	34.8%	36.2%	34.8%
	FAIR	10.9%	9.6%	11.6%	15.3%	24.3%
	POOR	3.0%	3.3%	1.4%	1.9%	1.5%

ANALYSIS

GEOMETRIC RATING

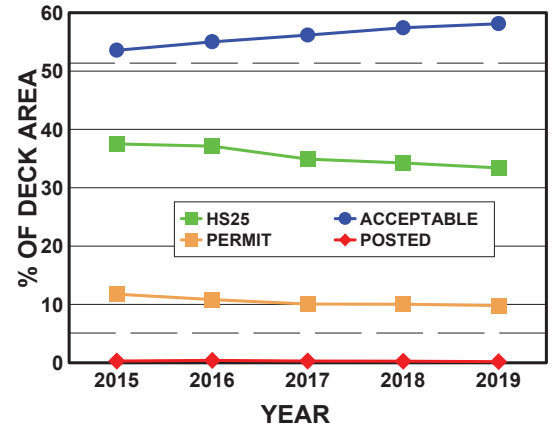


TARGETS	50% GOOD CONDITION					
	5% POOR CONDITION (FUNCTIONALLY OBSOLETE)					
MEASURES	APPRAISAL RATINGS					
	STRUCTURAL EVALUATION	DECK GEOMETRY	UNDER CLEARANCE	WATERWAY ADEQUACY	APPROACH ALIGNMENT	
GOOD	≥ 6	≥ 6	≥ 6	≥ 6	≥ 6	
POOR	= 3	≤ 3	≤ 3	= 3	≤ 3	

HISTORY		2015	2016	2017	2018	2019
	GOOD	47.6%	48.3%	45.7%	44.2%	40.8%
	FAIR/SATIS	45.2%	44.3%	47.6%	49.1%	53.0%
	POOR	7.2%	7.4%	6.7%	6.7%	6.2%

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

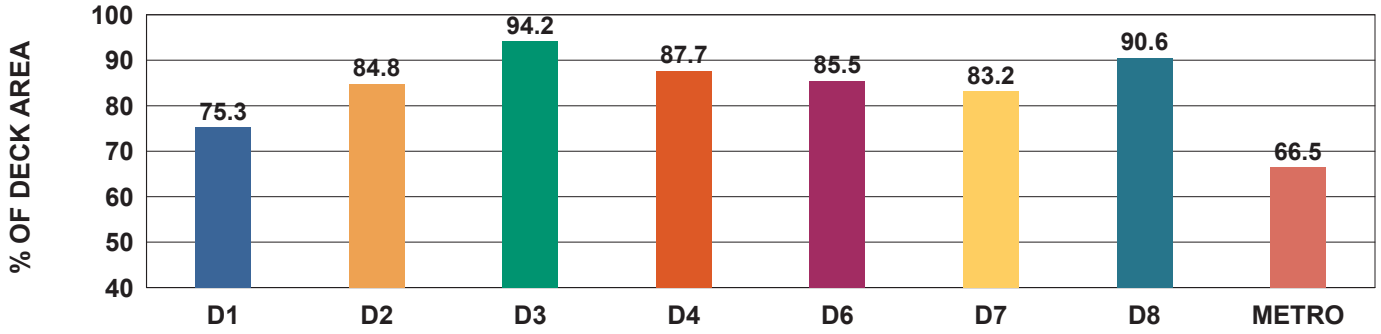
HISTORY		2015	2016	2017	2018	2019
	HS25 (GOOD)	36.4%	35.9%	34.4%	33.6%	32.9%
	ACCEPTABLE	51.9%	53.2%	55.4%	56.3%	57.2%
	PERMIT	11.4%	10.5%	9.9%	9.8%	9.7%
	POSTED (POOR)	0.3%	0.4%	0.3%	0.3%	0.2%

ANALYSIS

DISTRICT BRIDGE CONDITION SUMMARY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019

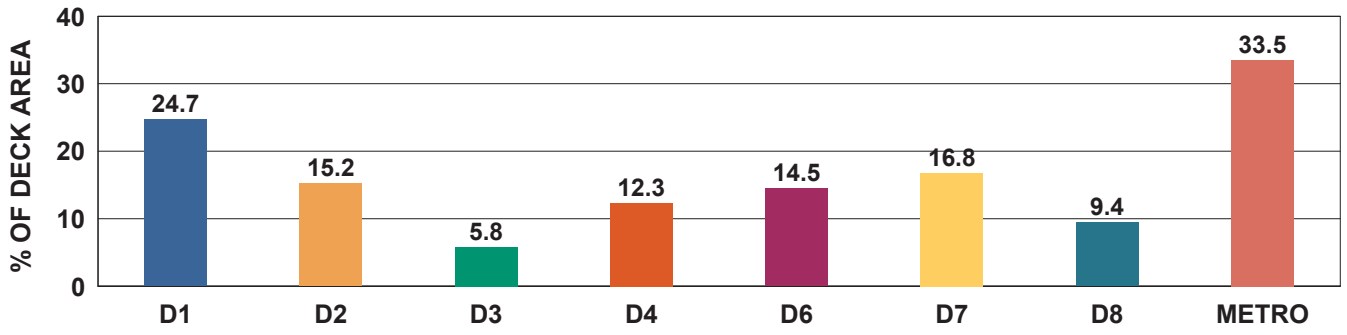
GOOD & SATISFACTORY

TARGET 84%



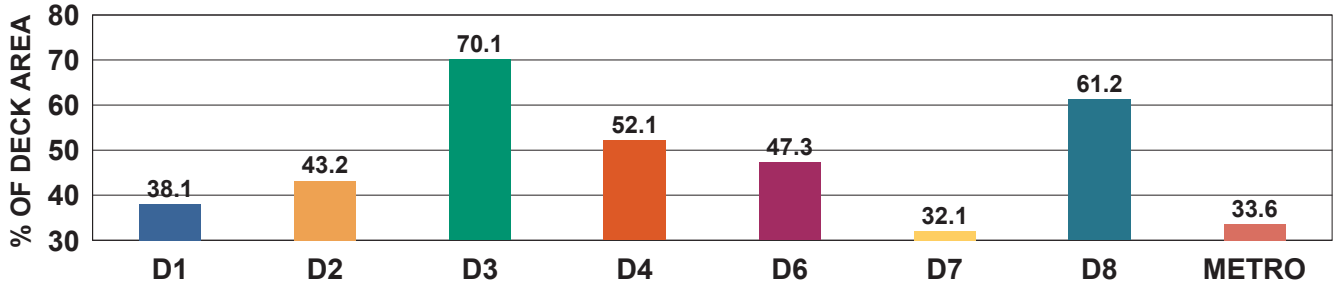
FAIR AND POOR

TARGET 16%



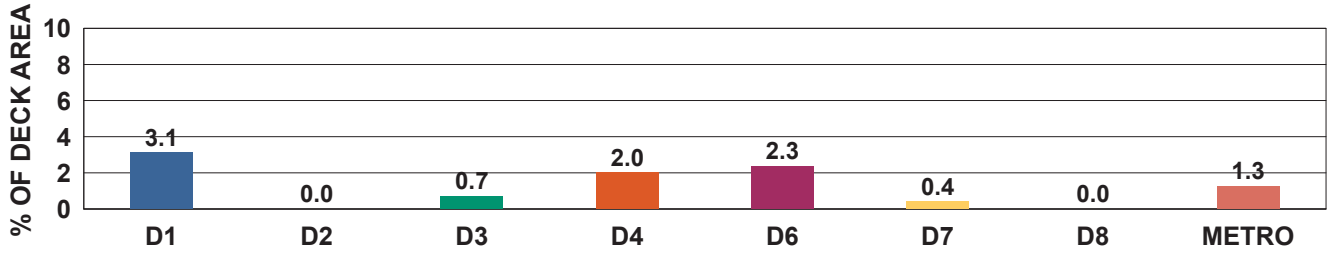
GOOD

TARGET 55%



POOR

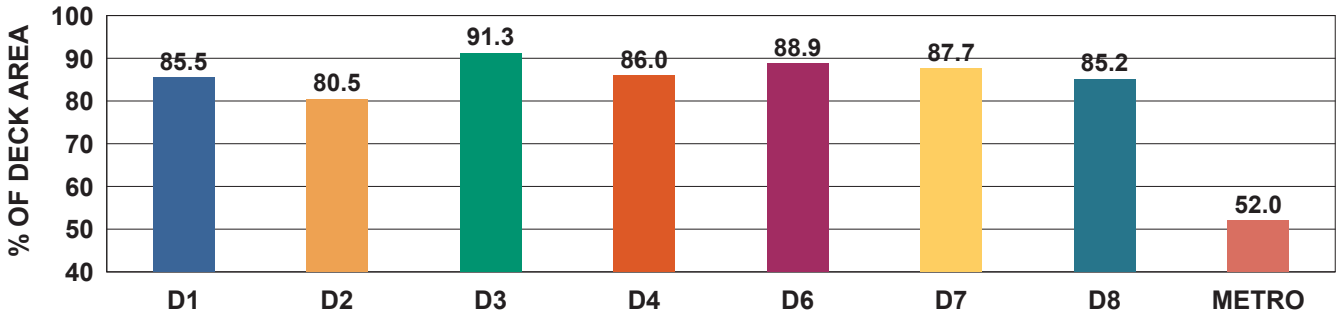
TARGET 2%



DISTRICT BRIDGE CONDITION SUMMARY
TRUNK HIGHWAY NON-PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019

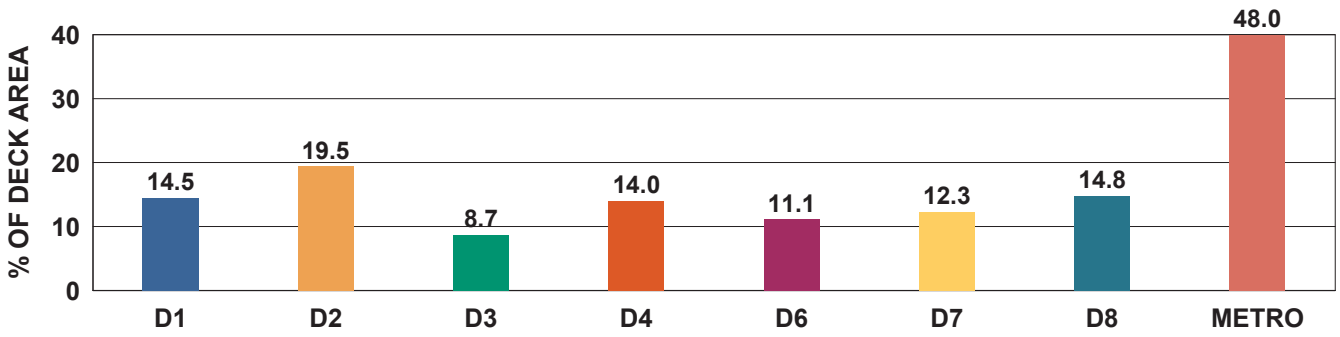
GOOD & SATISFACTORY

TARGET 80%



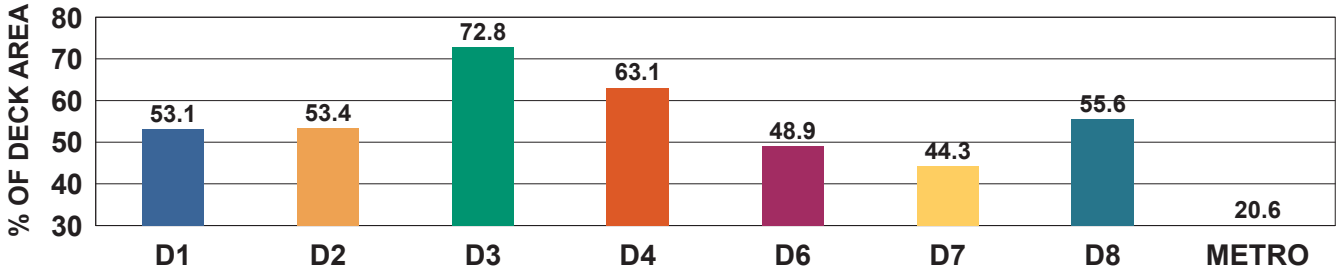
FAIR AND POOR

TARGET 20%



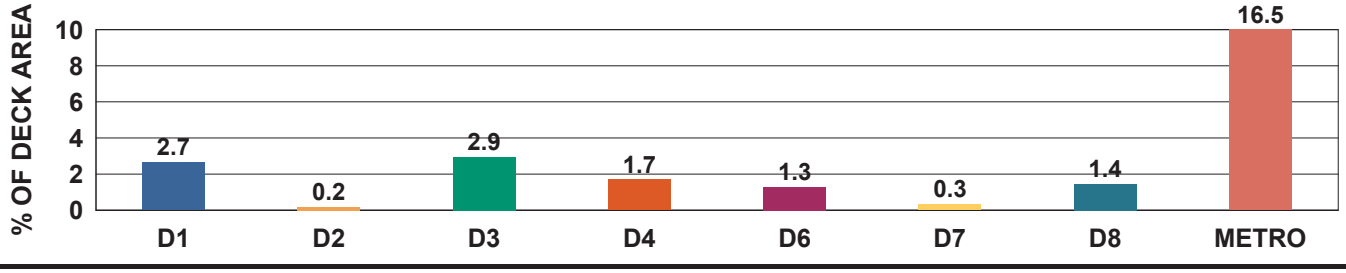
GOOD

TARGET 50%

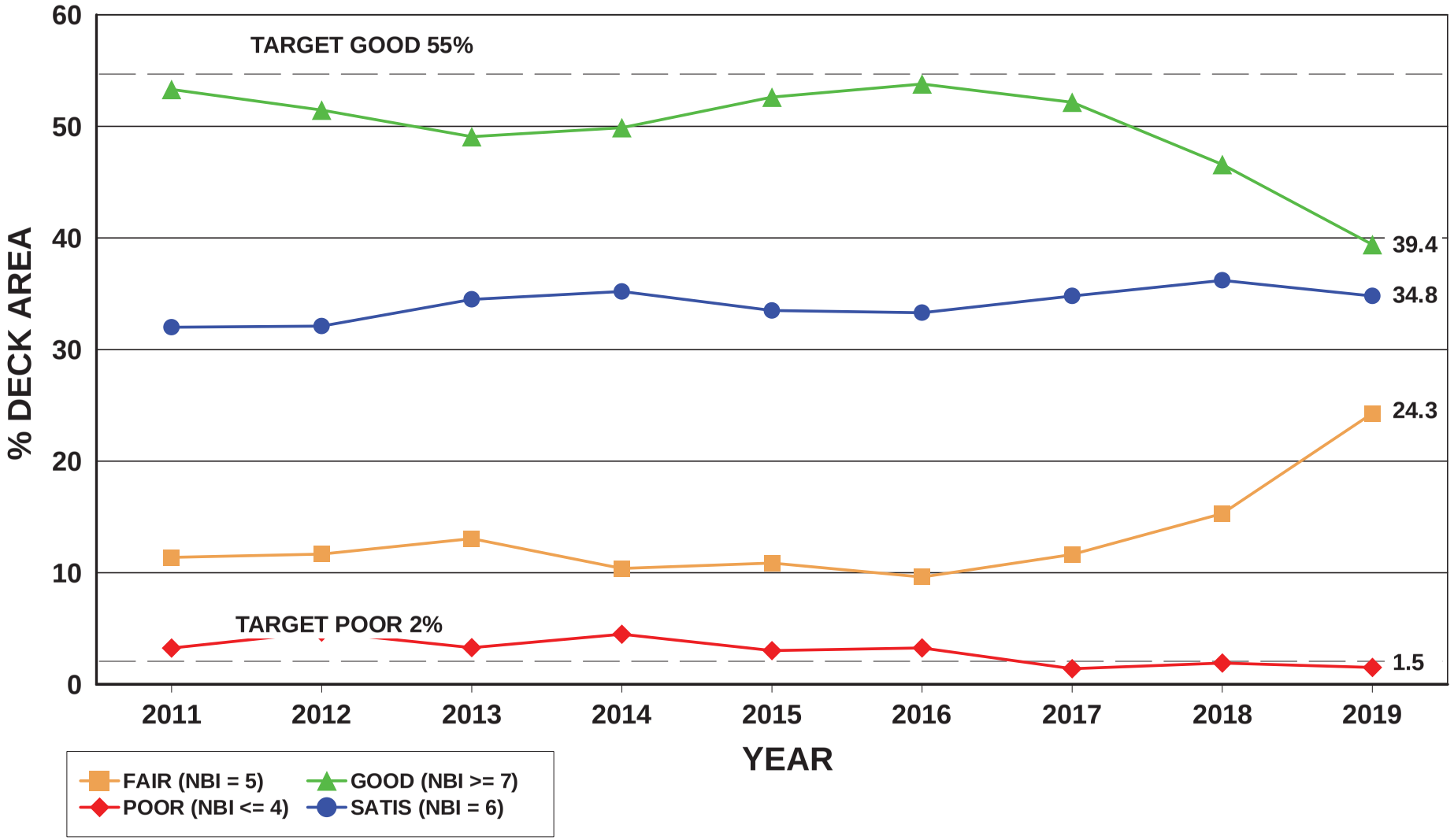


POOR

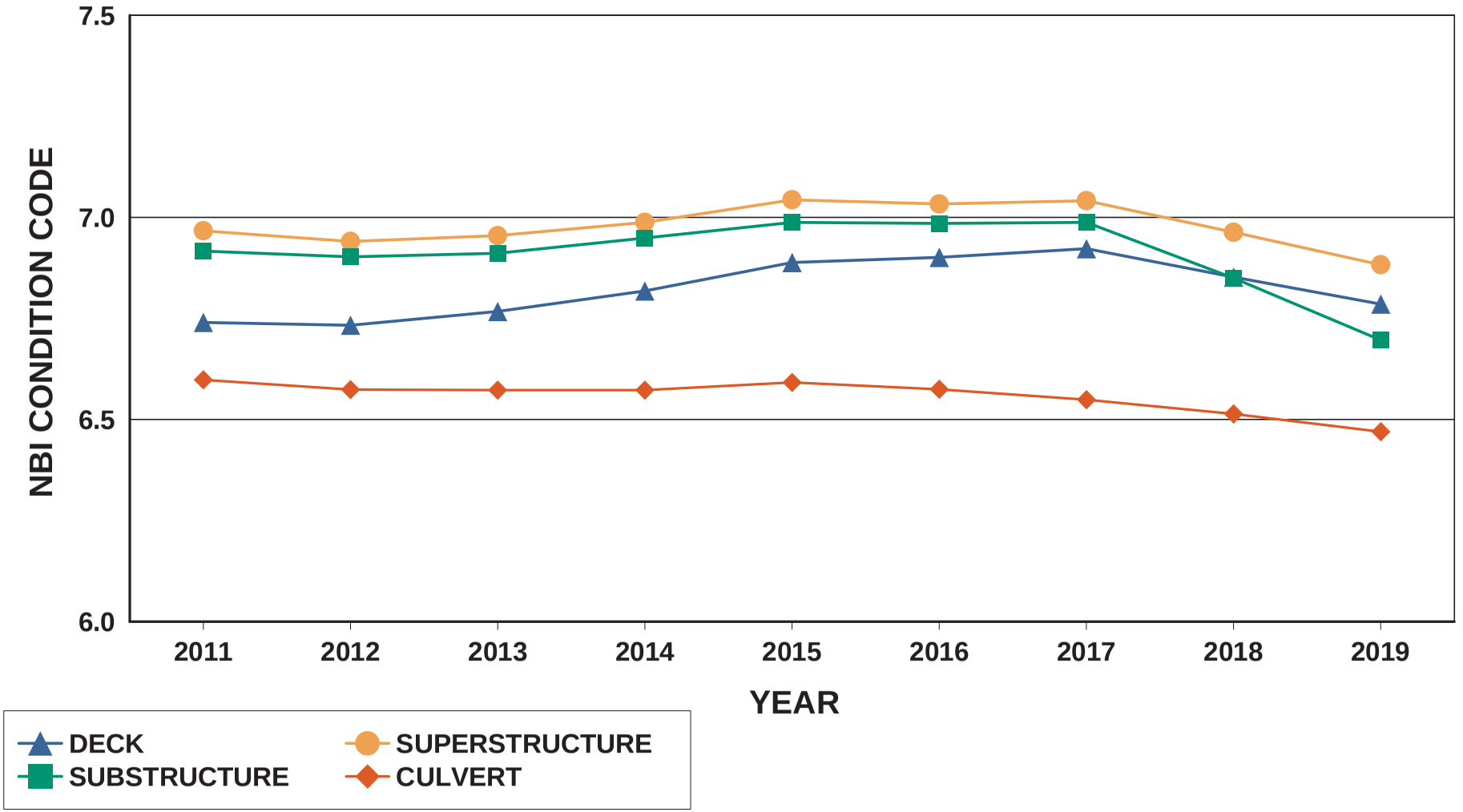
TARGET 8%



STATEWIDE BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



STATEWIDE TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



STATEWIDE TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	86.1	87.1	87.0	82.8	74.2	>=84%	85.0	85.2	85.2	77.8	77.1	>=80%	85.9	86.8	86.7	82.1	74.6
FAIR/ POOR	13.9	12.9	13.0	17.2	25.8	<=16%	15.0	14.8	14.8	22.2	22.9	<=20%	14.1	13.2	13.3	17.9	25.4
GOOD	52.6	53.8	52.2	46.6	39.4	>=55%	60.5	58.4	55.7	50.8	45.0	>=50%	53.7	54.4	52.6	47.1	40.1
POOR (SD)	3.0	3.3	1.4	1.9	1.5	<2%	3.1	2.9	3.3	5.0	5.3	<8%	3.0	3.2	1.7	2.3	2.0

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	47.6	48.3	45.7	44.2	40.8	>=50%	61.8	62.9	62.0	66.3	66.4	>=50%	49.6	50.4	47.8	47.0	44.0
FAIR/SATIS	45.2	44.3	47.6	49.1	53.0		29.3	28.7	29.1	28.9	28.1		43.0	42.1	45.2	46.5	49.9
POOR (FO)	7.2	7.4	6.7	6.7	6.2	<5%	8.9	8.4	8.9	4.8	5.5	<5%	7.4	7.5	7.0	6.5	6.1

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	36.4	35.9	34.4	33.6	32.9	>=50%	33.6	33.1	32.9	32.7	30.5	>=40%	36.0	35.5	34.2	33.5	32.6
ACCEPT	51.9	53.2	55.4	56.3	57.2		58.3	59.1	59.5	59.7	62.0		52.8	54.1	55.9	56.7	57.9
PERMIT	11.4	10.5	9.9	9.8	9.7		7.6	7.4	7.3	7.0	6.9		10.9	10.0	9.6	9.5	9.3
POST/SIGN	0.3	0.4	0.3	0.3	0.2	0%	0.5	0.4	0.3	0.6	0.6	0%	0.3	0.4	0.3	0.3	0.2

STATEWIDE TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	2,091	32,737,097	74.2	>= 84%	867	5,175,921	77.1	>= 80%	2,958	37,913,018	74.6
FAIR/POOR	514	11,384,118	25.8	<= 16%	182	1,534,416	22.9	<= 20%	696	12,918,534	25.4
TOTAL	2,605	44,121,215	100.0		1,049	6,710,337	100.0		3,654	50,831,552	100.0
GOOD	1,160	17,384,633	39.4	>= 55%	523	3,018,812	45.0	>= 50%	1,683	20,403,445	40.1
POOR (SD)	54	668,313	1.5	< 2%	16	358,824	5.3	< 8%	70	1,027,138	2.0

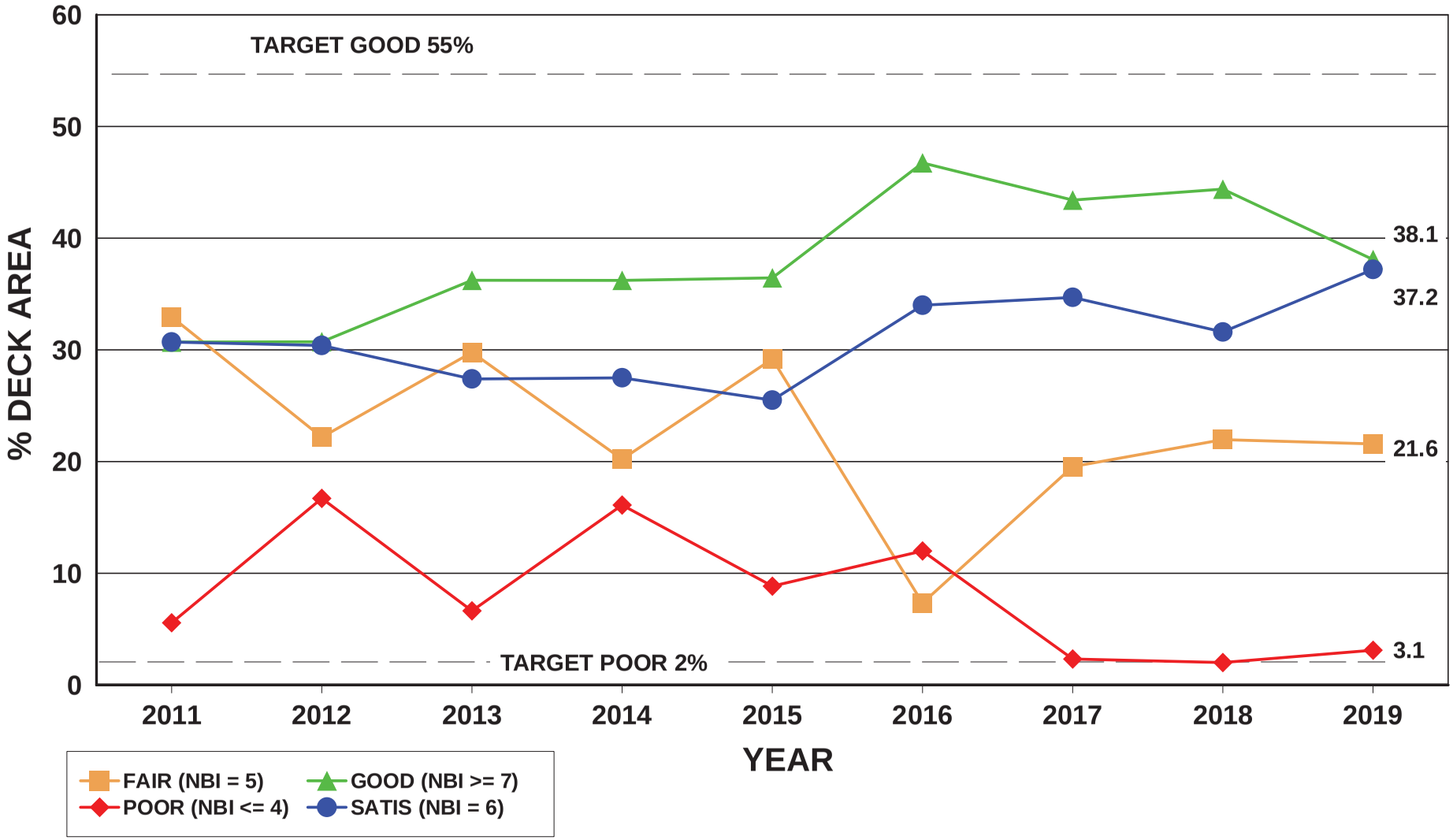
GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	1,293	17,709,381	40.8	>= 50%	776	4,220,406	66.4	>= 50%	2,069	21,929,787	44.0
FAIR/SATIS	1,088	23,054,887	53.0		240	1,784,457	28.1		1,328	24,839,343	49.9
POOR (SD)	170	2,688,634	6.2	< 5%	17	346,650	5.5	< 5%	187	3,035,283	6.1
TOTAL	2,551	43,452,901			1,033	6,351,513			3,584	49,804,413	

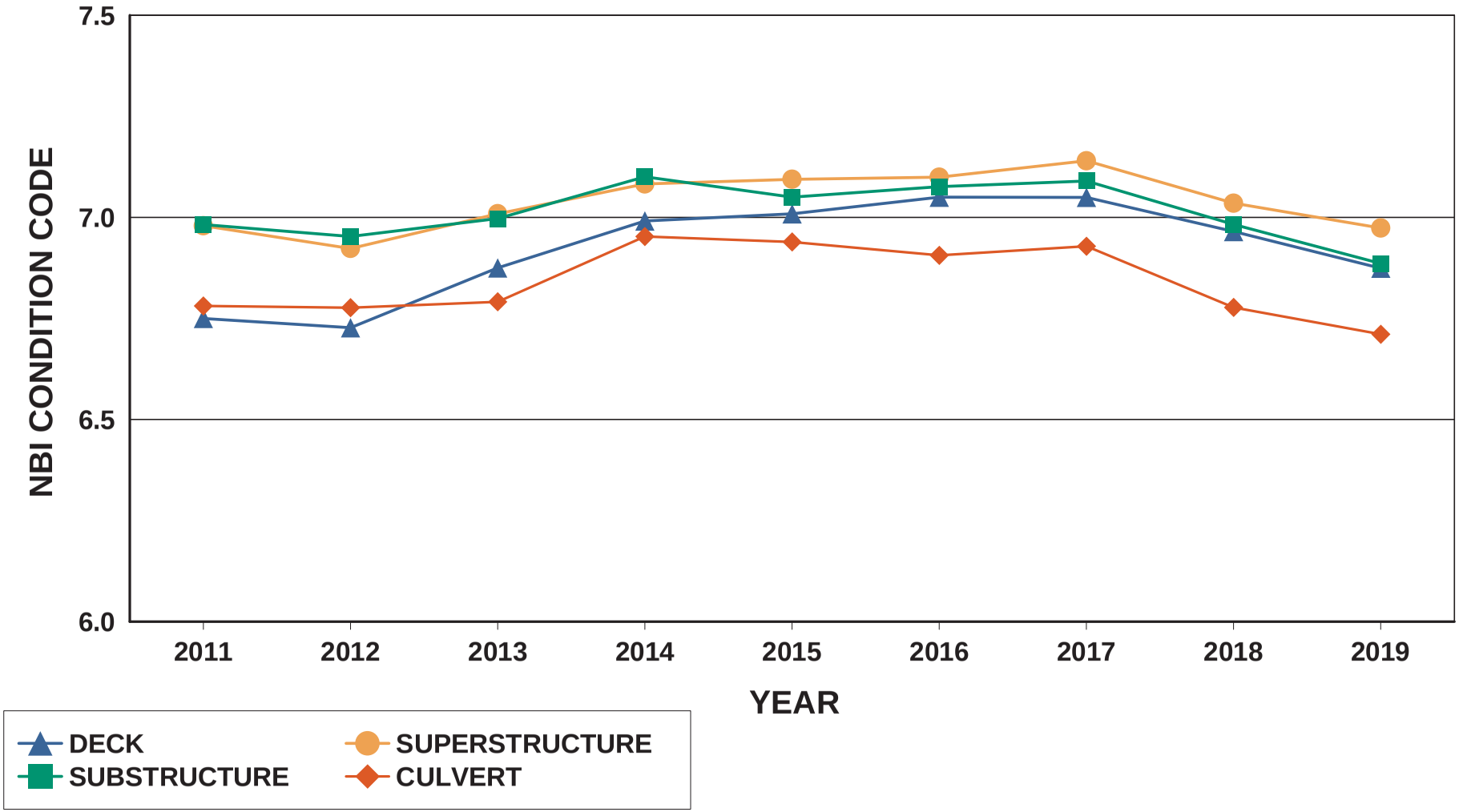
LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	809	14,516,908	32.9	>= 50%	261	2,049,919	30.5	>= 40%	1,070	16,566,827	32.6
ACCEPT	1,611	25,257,551	57.2		738	4,161,537	62.0		2,349	29,419,087	57.9
PERMIT	182	4,261,737	9.7		42	460,673	6.9		224	4,722,410	9.3
POST/SIGN	3	85,019	0.2	0%	8	38,208	0.6	0%	11	123,227	0.2
TOTAL	2,605	44,121,215			1,049	6,710,337			3,654	50,831,551	

DISTRICT 1 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



DISTRICT 1 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



DISTRICT 1 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	62.0	80.7	78.1	76.0	75.3	>=84%	80.4	80.8	86.7	84.9	85.5	>=80%	64.1	80.7	79.1	77.0	76.4
FAIR/ POOR	38.0	19.3	21.9	24.0	24.7	<=16%	19.6	19.2	13.3	15.1	14.5	<=20%	35.9	19.3	20.9	23.0	23.6
GOOD	36.5	46.7	43.4	44.4	38.1	>=55%	59.6	58.8	58.8	62.8	53.1	>=50%	39.1	48.1	45.2	46.4	39.8
POOR (SD)	8.8	12.0	2.3	2.0	3.1	<2%	3.1	2.0	0.9	0.9	2.7	<8%	8.2	10.8	2.2	1.9	3.1

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	43.6	47.0	30.6	30.2	30.4	>=50%	63.7	63.4	68.4	68.5	75.7	>=50%	46.0	49.1	35.0	34.5	35.5
FAIR/SATIS	52.6	49.1	65.8	64.3	64.2		29.9	30.4	25.4	25.3	18.0		49.8	46.7	61.1	59.9	59.0
POOR (FO)	3.8	3.9	3.6	5.5	5.4	<5%	6.4	6.2	6.2	6.2	6.3	<5%	4.2	4.2	3.9	5.6	5.5

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	20.9	20.8	19.6	17.7	17.5	>=50%	35.6	34.5	33.3	32.7	32.5	>=40%	22.6	22.4	21.2	19.3	19.1
ACCEPT	41.9	42.3	43.6	46.8	47.0		54.2	55.6	58.6	59.3	60.3		43.3	43.8	45.3	48.2	48.6
PERMIT	37.2	36.9	36.8	35.5	35.5		9.2	9.0	8.1	8.0	7.2		34.0	33.7	33.5	32.5	32.3
POST/SIGN	0.0	0.0	0.0	0.0	0.0	0%	1.0	0.9	0.0	0.0	0.0	0%	0.1	0.1	0.0	0.0	0.0

DISTRICT 1 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	249	4,620,805	75.3	>= 84%	99	660,631	85.5	>= 80%	348	5,281,436	76.4
FAIR/POOR	70	1,515,191	24.7	<= 16%	15	112,316	14.5	<= 20%	85	1,627,507	23.6
TOTAL	319	6,135,996	100.0		114	772,946	100.0		433	6,908,943	100.0
GOOD	150	2,337,028	38.1	>= 55%	69	410,732	53.1	>= 50%	219	2,747,761	39.8
POOR (SD)	19	191,074	3.1	< 2%	2	20,526	2.7	< 8%	21	211,600	3.1

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	160	1,808,093	30.4	>= 50%	90	569,470	75.7	>= 50%	250	2,377,563	35.5
FAIR/SATIS	122	3,813,421	64.2		21	135,733	18.0		143	3,949,153	59.0
POOR (SD)	18	323,408	5.4	< 5%	1	47,218	6.3	< 5%	19	370,626	5.5
TOTAL	300	5,944,922			112	752,421			412	6,697,342	

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	72	1,071,301	17.5	>= 50%	25	251,416	32.5	>= 40%	97	1,322,717	19.1
ACCEPT	199	2,885,975	47.0		85	465,577	60.3		284	3,351,551	48.6
PERMIT	48	2,178,721	35.5		4	55,953	7.2		52	2,234,674	32.3
POST/SIGN	0	0	0.0	0%	0	0	0.0	0%	0	0	0.0
TOTAL	319	6,135,997			114	772,946			433	6,908,942	

DISTRICT 1 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2019

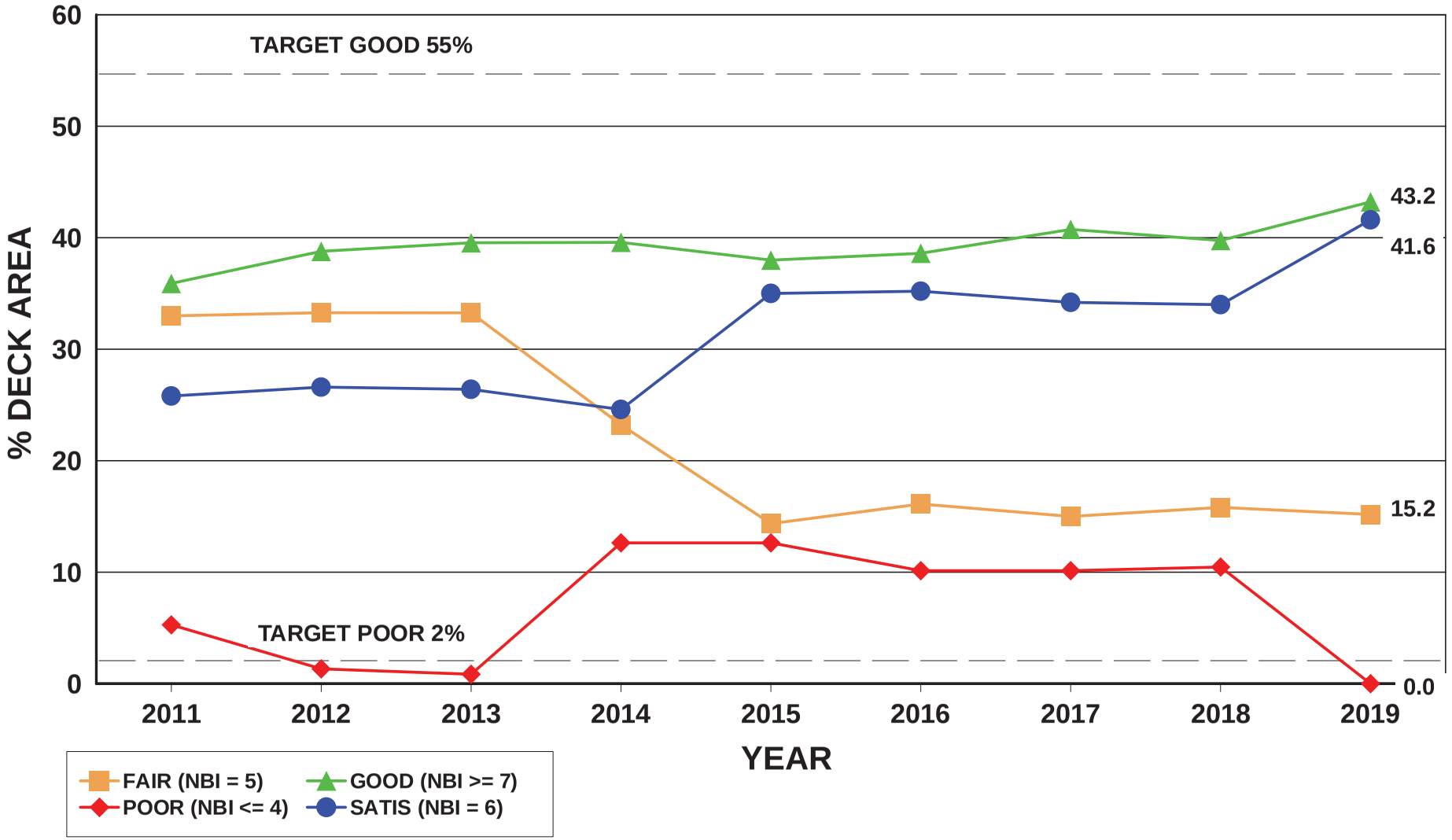
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
3589	1	CULV	N	N	N	4	4	8					
6290	0	CULV	N	N	N	4	4	7					
6292	0	CULV	N	N	N	4	4	8					
6293	0	CULV	N	N	N	4	4	8					
6294	0	CULV	N	N	N	4	4	8					
9002	1	CULV	N	N	N	4	4	8					
9493	5,558	BRIDGE	6	7	4	N	4	N					
9494	5,558	BRIDGE	7	7	4	N	4	N					
9787	4,942	BRIDGE	5	6	4	N	4	8					
09815	5,814	BRIDGE	6	6	4	N	4	8					
09816	5,814	BRIDGE	6	6	4	N	4	8					
09817	4,391	BRIDGE	6	6	4	N	4	8					
09823	13,857	BRIDGE	4	6	6	N	6	N					
31001	6,852	BRIDGE	5	5	4	N	4	8					
69019	3,166	BRIDGE	7	7	4	N	4	6					
69023	13,674	BRIDGE	5	4	5	N	4	N					
69082	6,798	BRIDGE	7	5	4	N	4	N					
69802C	58,567	BRIDGE	7	4	6	N	4	N					
69802D	19,236	BRIDGE	6	4	6	N	4	N					
69834	12,327	BRIDGE	4	5	6	N	5	N					
69870	39,294	BRIDGE	4	7	7	N	7	8					
6544	47,218	BRIDGE							2	N	3	5	9
9395	20,487	BRIDGE							3	N	8	6	8
9468	9,535	BRIDGE							3	7	8	6	N
31004	2,765	BRIDGE							2	3	4	6	N
69801B	17,380	BRIDGE							2	N	7	7	N
69801H	8,985	BRIDGE							3	3	8	7	N
69801J	12,562	BRIDGE							2	4	8	5	N
69801L	7,903	BRIDGE							2	4	8	6	N
69801N	7,607	BRIDGE							2	4	5	6	N
69820	61,673	BRIDGE							3	5	8	6	N
69821	53,763	BRIDGE							3	4	8	7	N
69824	36,754	BRIDGE							5	3	8	5	N
69826	8,175	BRIDGE							4	3	8	5	N
69827	7,048	BRIDGE							6	3	8	5	N
69881A	7,746	BRIDGE							2	N	8	7	N
69882A	7,746	BRIDGE							3	N	8	7	N

DISTRICT 1 DEFICIENT BRIDGE LIST

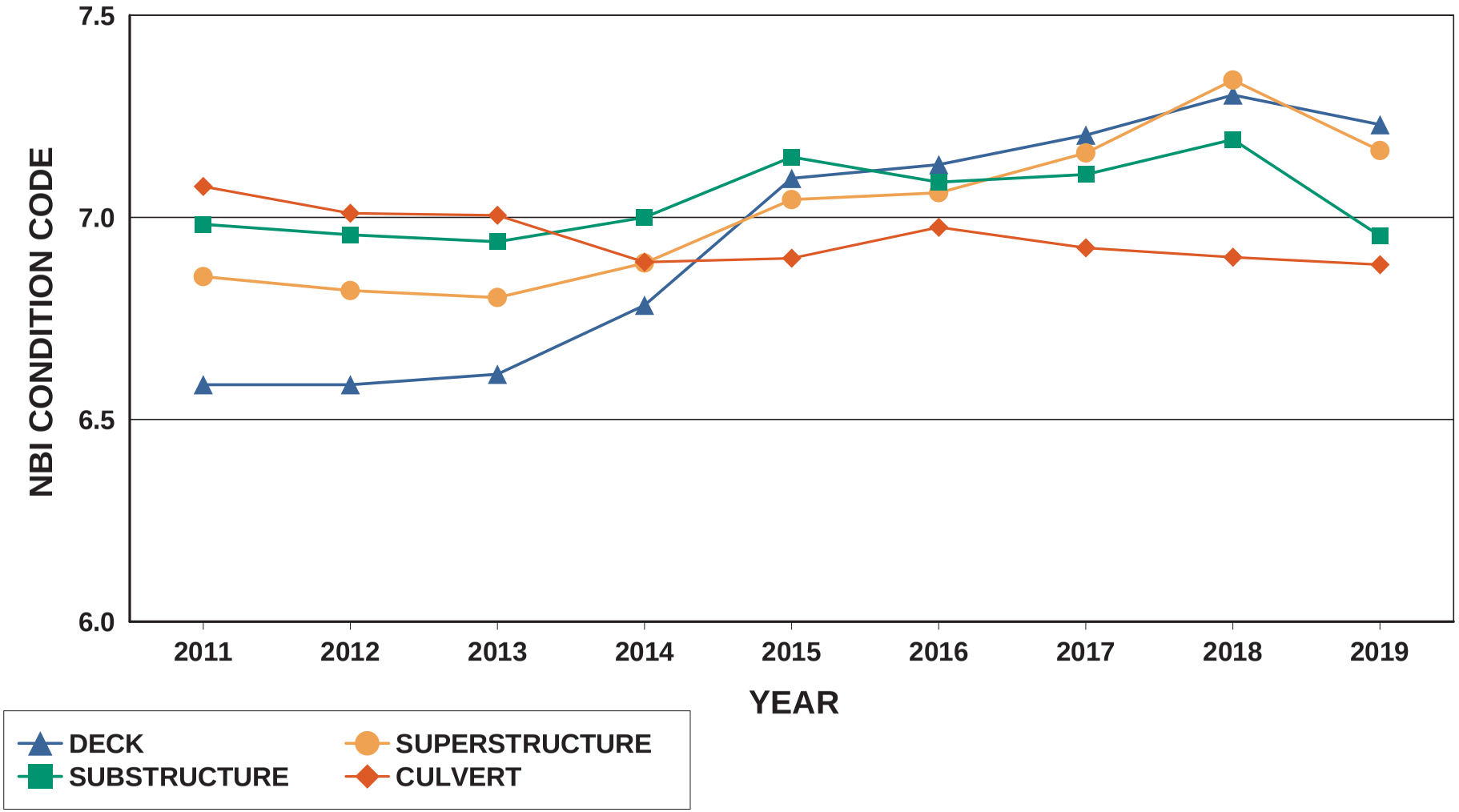
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
69882B	5,803	BRIDGE							2	N	8	7	N
69887A	15,916	BRIDGE							3	N	8	6	N
90249	31,560	BRIDGE							2	N	5	5	8

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2018 TOTAL DEF	**30**	**APR. 2018 TOTAL SD**	**13**	**APR. 2018 TOTAL FO**	**17**
DEF REPL/REM IN 2018	5	SD REPL/REM IN 2018	2	FO REPL/REM IN 2018	3
BECAME DEF IN 2018	15	BECAME SD IN 2018	10	BECAME FO IN 2018	5
APR. 2019 TOTAL DEF	**40**	**APR. 2019 TOTAL SD**	**21**	**APR. 2019 TOTAL FO**	**19**

DISTRICT 2 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



DISTRICT 2 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



DISTRICT 2 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	73.0	73.7	74.9	73.7	84.8	>=84%	78.8	77.6	79.6	81.2	80.5	>=80%	76.2	75.9	77.5	77.8	82.5
FAIR/ POOR	27.0	26.3	25.1	26.3	15.2	<=16%	21.2	22.4	20.4	18.8	19.5	<=20%	23.8	24.1	22.5	22.2	17.5
GOOD	38.0	38.6	40.7	39.7	43.2	>=55%	47.7	47.1	50.1	52.8	53.4	>=50%	43.3	43.3	45.8	46.9	48.8
POOR (SD)	12.6	10.1	10.1	10.5	0.0	<2%	1.4	1.5	0.5	0.2	0.2	<8%	6.5	5.4	4.9	4.8	0.1

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	76.6	72.5	73.8	73.8	64.3	>=50%	67.1	66.2	66.6	80.0	79.3	>=50%	71.1	68.9	69.7	77.4	72.5
FAIR/SATIS	19.8	22.4	16.4	16.4	25.2		32.4	33.3	33.4	20.0	20.7		27.1	28.6	26.1	18.4	22.7
POOR (FO)	3.6	5.1	9.8	9.8	10.5	<5%	0.5	0.5	0.0	0.0	0.0	<5%	1.8	2.5	4.2	4.2	4.8

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	28.4	28.1	28.1	28.0	28.0	>=50%	27.8	27.0	26.2	25.9	25.9	>=40%	28.0	27.5	27.0	26.8	26.8
ACCEPT	57.1	57.5	57.5	57.3	67.8		49.4	50.5	51.3	52.1	52.1		53.0	53.7	54.2	54.5	59.2
PERMIT	14.5	14.4	14.4	14.7	4.2		22.8	22.5	22.5	22.0	22.0		19.0	18.8	18.8	18.7	14.0
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 2 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	54	688,294	84.8	>= 84%	123	792,225	80.5	>= 80%	177	1,480,520	82.5
FAIR/POOR	12	123,246	15.2	<= 16%	25	191,690	19.5	<= 20%	37	314,936	17.5
TOTAL	66	811,540	100.0		148	983,916	100.0		214	1,795,456	100.0
GOOD	24	350,754	43.2	>= 55%	93	525,832	53.4	>= 50%	117	876,586	48.8
POOR (SD)	0	0	0.0	< 2%	1	1,615	0.2	< 8%	1	1,615	0.1

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	46	522,119	64.3	>= 50%	120	779,086	79.3	>= 50%	166	1,301,206	72.5
FAIR/SATIS	16	204,095	25.2		27	203,215	20.7		43	407,309	22.7
POOR (SD)	4	85,326	10.5	< 5%	0	0	0.0	< 5%	4	85,326	4.8
TOTAL	66	811,540			147	982,301			213	1,793,841	

LOAD CARRYING CAPACITY RATING

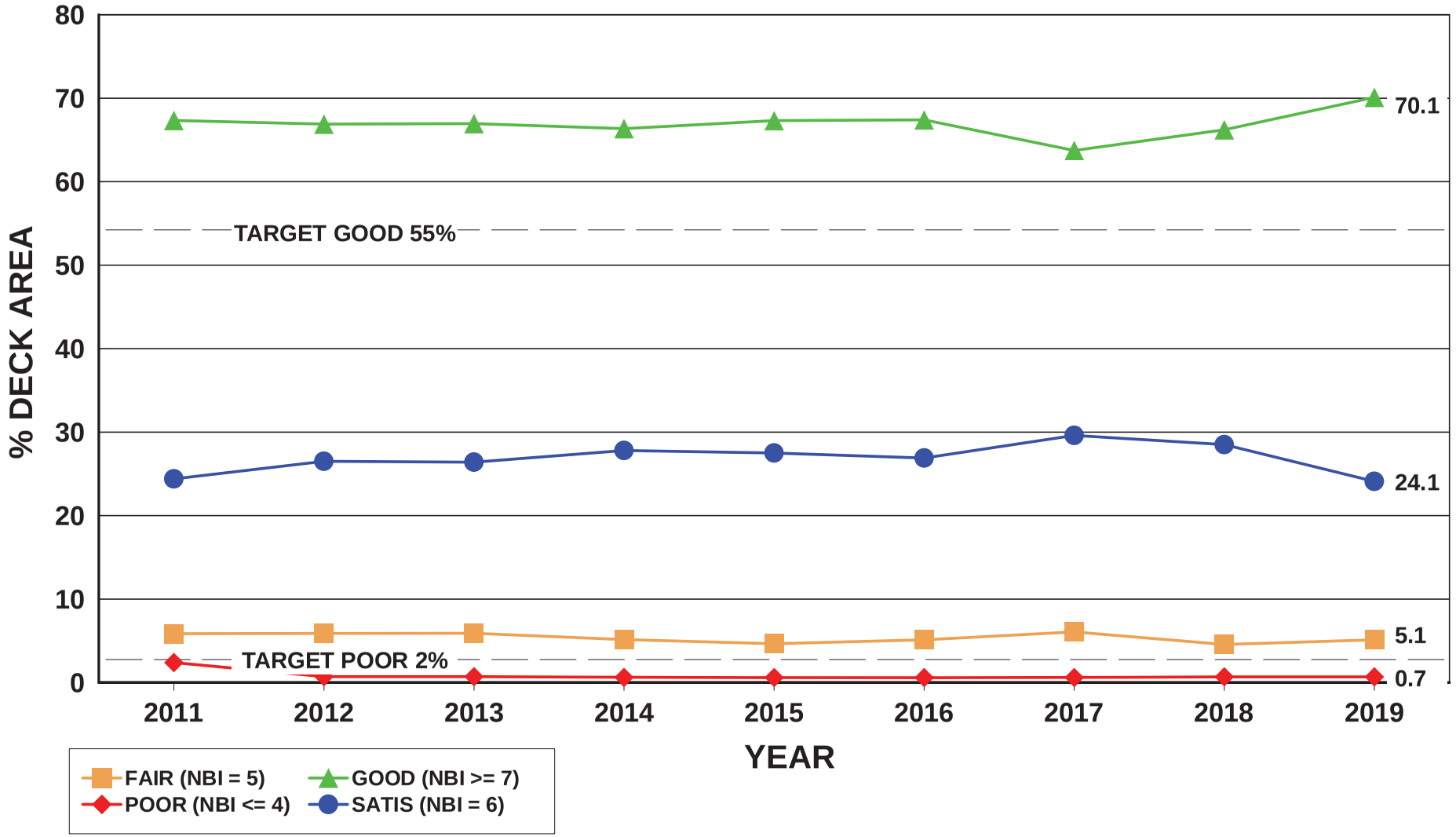
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	19	226,890	28.0	>= 50%	41	254,929	25.9	>= 40%	60	481,819	26.8
ACCEPT	46	550,597	67.8		102	512,288	52.1		148	1,062,885	59.2
PERMIT	1	34,053	4.2		5	216,698	22.0		6	250,751	14.0
POST/SIGN	0	0	0.0	0%	0	0	0.0	0%	0	0	0.0
TOTAL	66	811,540			148	983,915			214	1,795,455	

DISTRICT 2 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2019

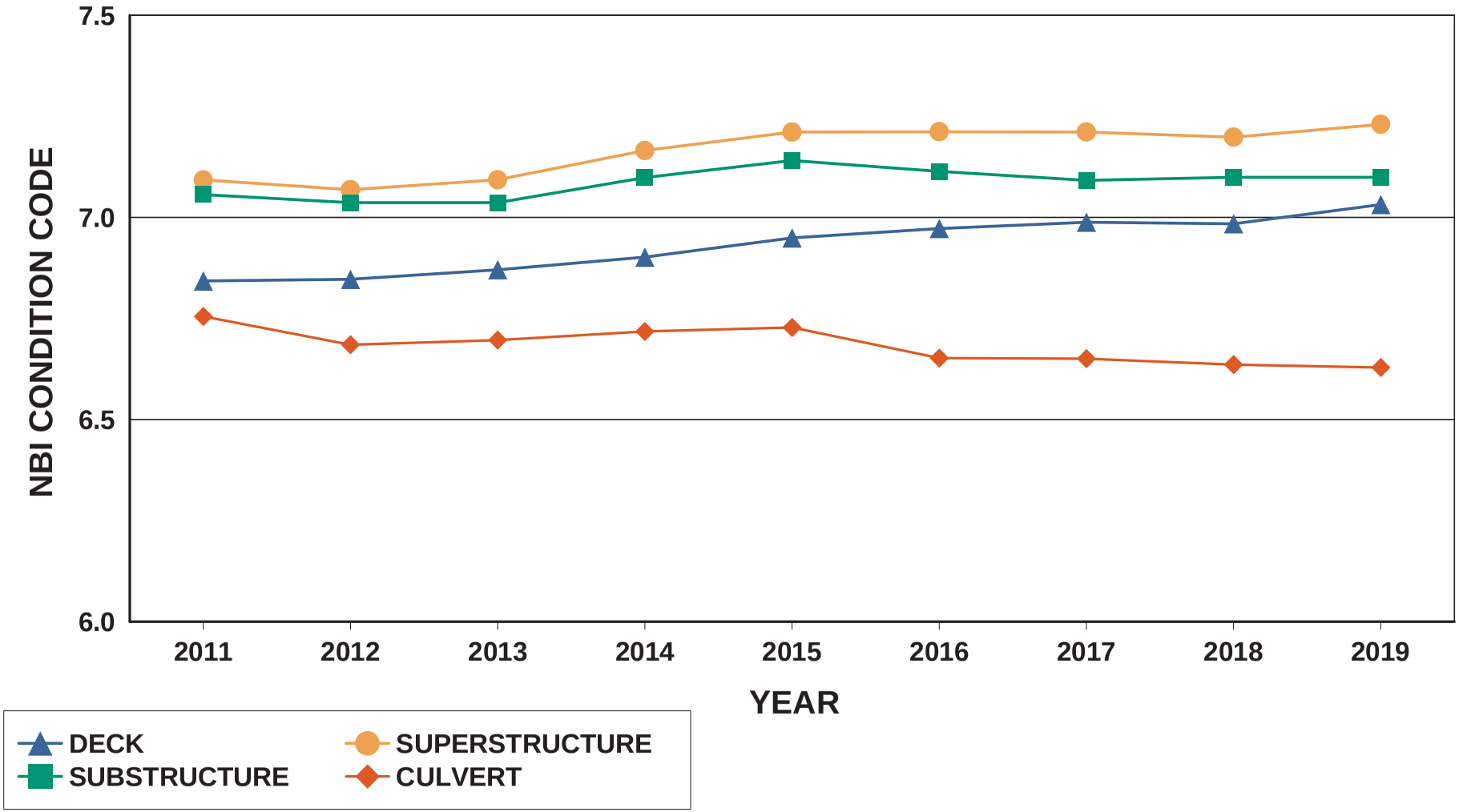
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
6256	0	CULV	N	N	N	4	4	6					
4700	24,887	BRIDGE							5	N	6	4	3
9412	34,053	BRIDGE							4	N	3	5	8
04008	14,043	BRIDGE							3	8	8	6	N
04023	12,343	BRIDGE							3	5	7	7	N

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2018 TOTAL DEF	**5**	**APR. 2018 TOTAL SD**	**2**	**APR. 2018 TOTAL FO**	**3**
DEF REPL/REM IN 2018	1	SD REPL/REM IN 2018	1	FO REPL/REM IN 2018	0
BECAME DEF IN 2018	1	BECAME SD IN 2018	0	BECAME FO IN 2018	1
APR. 2019 TOTAL DEF	**5**	**APR. 2019 TOTAL SD**	**1**	**APR. 2019 TOTAL FO**	**4**

DISTRICT 3 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



DISTRICT 3 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



DISTRICT 3 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	94.7	94.3	93.3	94.7	94.2	>=84%	95.3	97.1	95.4	95.1	91.3	>=80%	94.8	94.6	93.6	94.8	93.9
FAIR/ POOR	5.3	5.7	6.7	5.3	5.8	<=16%	4.7	2.9	4.6	4.9	8.7	<=20%	5.2	5.4	6.4	5.2	6.1
GOOD	67.3	67.4	63.7	66.2	70.1	>=55%	79.7	80.7	79.4	78.0	72.8	>=50%	68.8	69.0	65.6	67.6	70.4
POOR (SD)	0.6	0.6	0.6	0.7	0.7	<2%	0.0	0.0	0.0	0.0	2.9	<8%	0.5	0.5	0.5	0.6	1.0

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	70.7	70.0	70.9	70.1	69.5	>=50%	80.9	82.6	82.5	82.6	84.0	>=50%	71.9	71.5	72.3	71.6	71.2
FAIR/SATIS	27.2	27.9	27.0	28.0	27.5		18.8	17.1	17.2	17.1	14.3		26.2	26.6	25.9	26.7	25.9
POOR (FO)	2.1	2.1	2.1	1.9	3.0	<5%	0.3	0.3	0.3	0.3	1.7	<5%	1.9	1.9	1.8	1.7	2.9

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	37.6	37.3	33.6	33.2	32.9	>=50%	44.0	43.8	39.1	39.1	38.7	>=40%	38.3	38.0	34.3	33.9	33.6
ACCEPT	59.5	59.8	63.5	63.9	64.8		54.1	55.7	60.4	60.4	60.8		58.9	59.3	63.1	63.5	64.4
PERMIT	2.9	2.9	2.9	2.9	2.3		1.4	0.3	0.3	0.3	0.3		2.7	2.6	2.6	2.6	2.0
POST/SIGN	0.0	0.0	0.0	0.0	0.0	0%	0.5	0.2	0.2	0.2	0.2	0%	0.1	0.1	0.0	0.0	0.0

DISTRICT 3 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	250	2,895,387	94.2	>= 84%	78	375,006	91.3	>= 80%	328	3,270,393	93.9
FAIR/POOR	15	178,429	5.8	<= 16%	8	35,876	8.7	<= 20%	23	214,305	6.1
TOTAL	265	3,073,816	100.0		86	410,882	100.0		351	3,484,698	100.0
GOOD	174	2,154,794	70.1	>= 55%	52	299,218	72.8	>= 50%	226	2,454,012	70.4
POOR (SD)	3	21,076	0.7	< 2%	1	12,116	2.9	< 8%	4	33,192	1.0

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	203	2,121,219	69.5	>= 50%	71	334,855	84.0	>= 50%	274	2,456,074	71.2
FAIR/SATIS	55	839,565	27.5		12	57,321	14.3		67	896,886	25.9
POOR (SD)	4	91,957	3.0	< 5%	2	6,590	1.7	< 5%	6	98,547	2.9
TOTAL	262	3,052,740			85	398,766			347	3,451,507	

LOAD CARRYING CAPACITY RATING

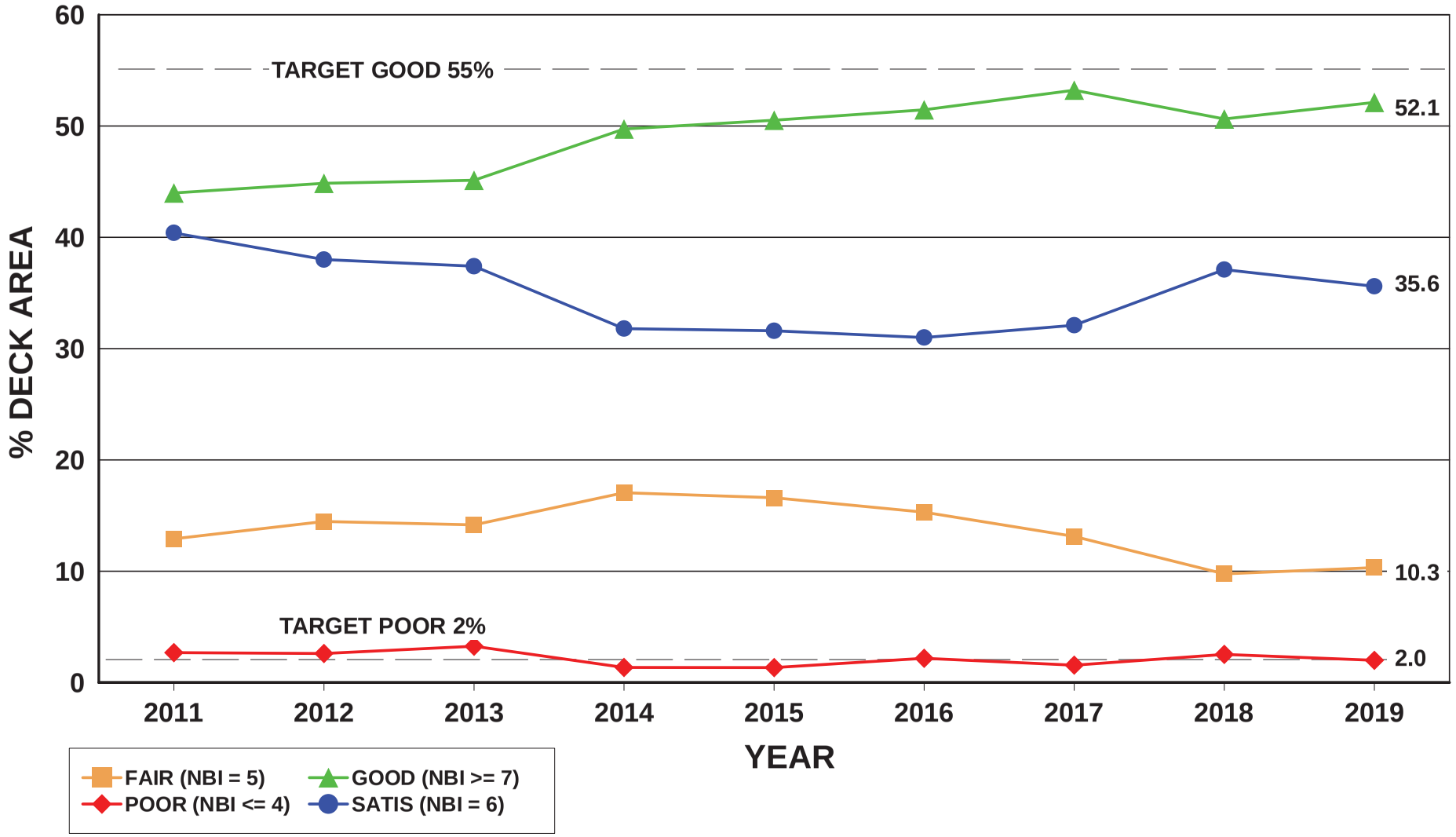
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	86	1,011,836	32.9	>= 50%	28	158,886	38.7	>= 40%	114	1,170,722	33.6
ACCEPT	176	1,992,633	64.8		56	249,778	60.8		232	2,242,411	64.4
PERMIT	3	69,348	2.3		1	1,269	0.3		4	70,617	2.0
POST/SIGN	0	0	0.0	0%	1	949	0.2	0%	1	949	0.0
TOTAL	265	3,073,817			86	410,882			351	3,484,699	

DISTRICT 3 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2019

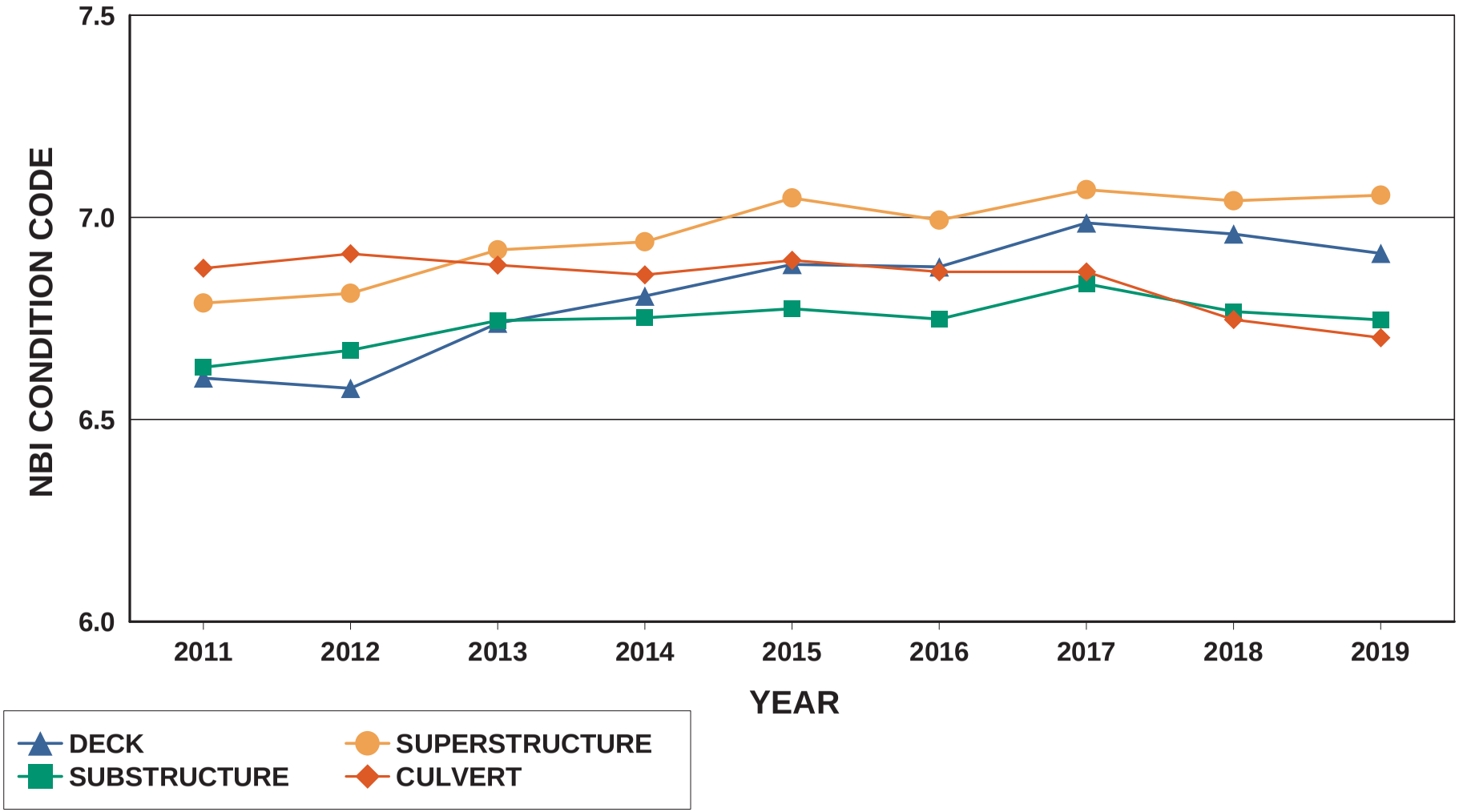
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
5545	12,116	BRIDGE	5	6	4	N	4	8					
6778	9,463	BRIDGE	6	6	4	N	4	8					
6852	4,105	BRIDGE	4	5	7	N	5	8					
73813	7,508	BRIDGE	4	7	7	N	7	N					
5060	49,817	BRIDGE							3	N	8	6	8
6499	1,269	BRIDGE							3	N	5	5	7
33005	5,321	BRIDGE							6	N	8	8	3
49004	11,133	BRIDGE							3	8	7	6	N
71001	7,725	BRIDGE							3	5	8	6	N
77535	23,282	BRIDGE							5	3	8	7	N

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2018 TOTAL DEF	**5**	**APR. 2018 TOTAL SD**	**2**	**APR. 2018 TOTAL FO**	**3**
DEF REPL/REM IN 2018	1	SD REPL/REM IN 2018	1	FO REPL/REM IN 2018	0
BECAME DEF IN 2018	6	BECAME SD IN 2018	3	BECAME FO IN 2018	3
APR. 2019 TOTAL DEF	**10**	**APR. 2019 TOTAL SD**	**4**	**APR. 2019 TOTAL FO**	**6**

DISTRICT 4 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



DISTRICT 4 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



DISTRICT 4 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	82.0	82.5	85.3	87.7	87.7	>=84%	85.8	86.3	87.7	87.7	86.0	>=80%	82.9	83.4	85.8	87.7	87.3
FAIR/ POOR	18.0	17.5	14.7	12.3	12.3	<=16%	14.2	13.7	12.3	12.3	14.0	<=20%	17.1	16.6	14.2	12.3	12.7
GOOD	50.5	51.5	53.2	50.6	52.1	>=55%	76.3	76.2	77.9	76.2	63.1	>=50%	56.3	57.0	58.9	56.5	54.4
POOR (SD)	1.3	2.2	1.6	2.5	2.0	<2%	1.1	0.4	0.0	0.0	1.7	<8%	1.3	1.8	1.2	2.0	1.9

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	43.2	43.5	45.1	44.7	44.3	>=50%	84.1	84.0	85.2	86.7	82.6	>=50%	52.3	52.7	54.4	54.6	52.4
FAIR/SATIS	56.5	56.5	54.9	55.3	55.7		15.4	15.5	14.3	12.8	16.9		47.3	47.2	45.5	45.3	47.5
POOR (FO)	0.3	0.0	0.0	0.0	0.0	<5%	0.5	0.5	0.5	0.5	0.5	<5%	0.4	0.1	0.1	0.1	0.1

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	32.4	32.2	27.5	27.4	27.4	>=50%	33.3	32.8	31.7	31.7	35.5	>=40%	32.6	32.3	28.4	28.4	29.1
ACCEPT	47.5	47.8	58.4	59.0	59.3		61.9	62.5	64.1	64.8	60.6		50.8	51.2	59.8	60.3	59.6
PERMIT	19.6	19.5	13.6	13.1	12.8		4.4	4.3	4.2	3.5	3.9		16.2	16.1	11.4	10.9	10.9
POST/SIGN	0.5	0.5	0.5	0.5	0.5	0%	0.4	0.4	0.0	0.0	0.0	0%	0.4	0.4	0.4	0.4	0.4

DISTRICT 4 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	119	1,224,430	87.7	>= 84%	86	319,336	86.0	>= 80%	205	1,543,766	87.3
FAIR/POOR	21	172,208	12.3	<= 16%	12	52,152	14.0	<= 20%	33	224,361	12.7
TOTAL	140	1,396,639	100.0		98	371,488	100.0		238	1,768,127	100.0
GOOD	71	727,955	52.1	>= 55%	60	234,415	63.1	>= 50%	131	962,370	54.4
POOR (SD)	3	27,881	2.0	< 2%	2	6,306	1.7	< 8%	5	34,187	1.9

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	76	606,736	44.3	>= 50%	83	301,696	82.6	>= 50%	159	908,433	52.4
FAIR/SATIS	61	762,021	55.7		12	61,574	16.9		73	823,596	47.5
POOR (SD)	0	0	0.0	< 5%	1	1,912	0.5	< 5%	1	1,912	0.1
TOTAL	137	1,368,758			96	365,182			233	1,733,941	

LOAD CARRYING CAPACITY RATING

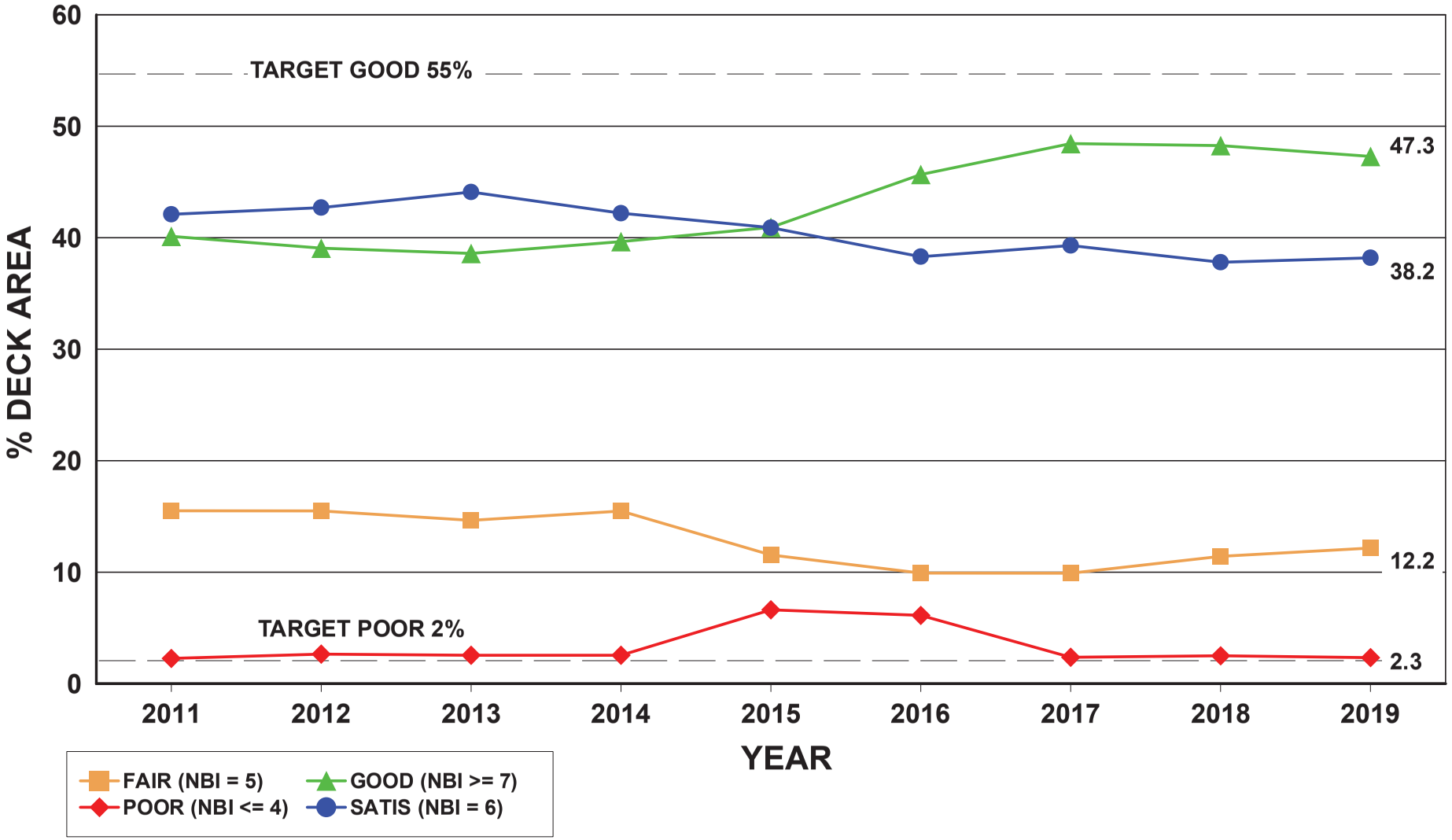
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	28	382,884	27.4	>= 50%	20	131,909	35.5	>= 40%	48	514,793	29.1
ACCEPT	94	829,226	59.3		73	225,081	60.6		167	1,054,307	59.6
PERMIT	16	178,121	12.8		5	14,498	3.9		21	192,619	10.9
POST/SIGN	2	6,408	0.5	0%	0	0	0.0	0%	2	6,408	0.4
TOTAL	140	1,396,639			98	371,488			238	1,768,127	

DISTRICT 4 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2019

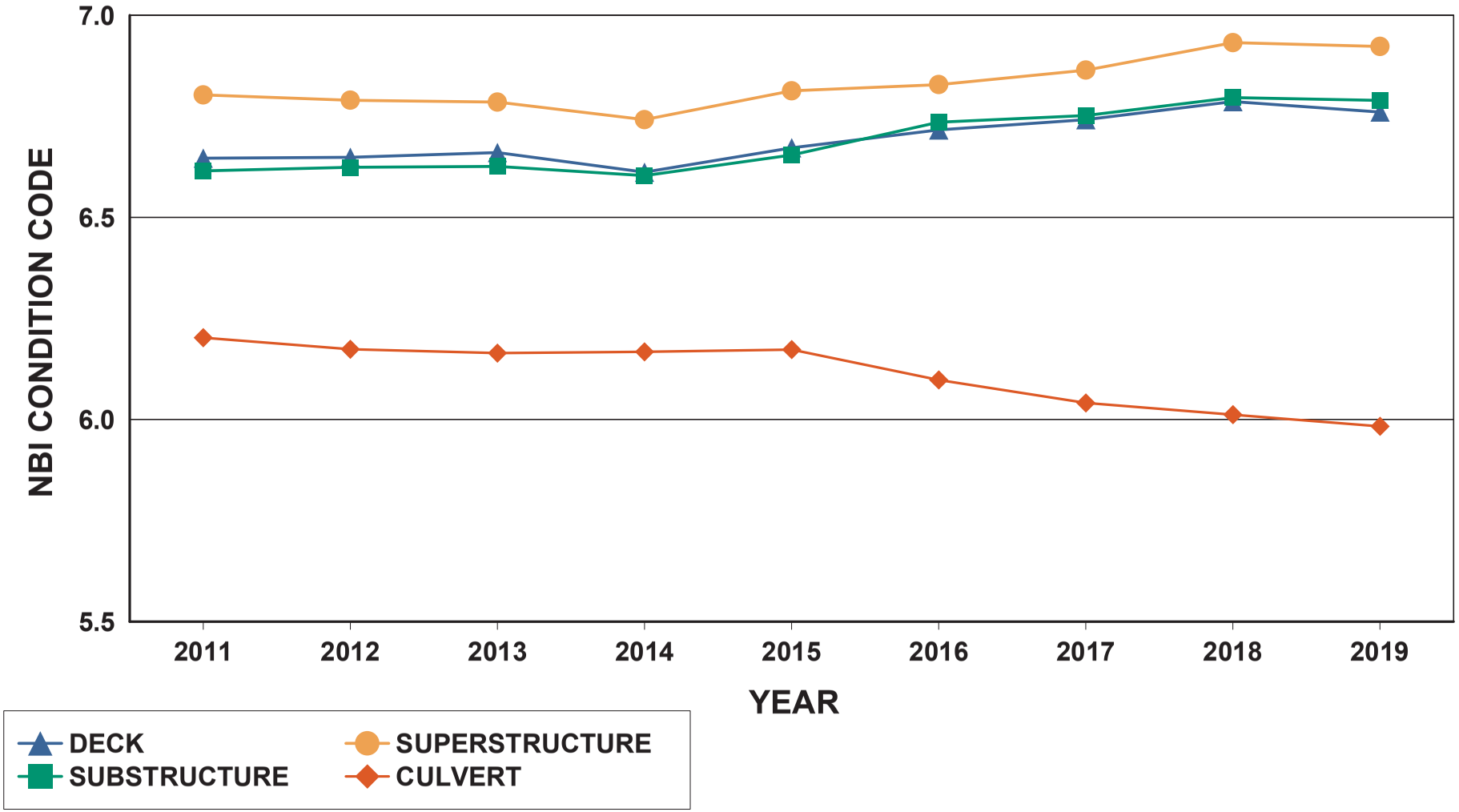
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
5480	1,320	BRIDGE	4	5	5	N	5	8					
6459	4,986	BRIDGE	5	4	4	N	4	8					
9697	9,393	BRIDGE	5	5	4	N	4	N					
21806	5,179	BRIDGE	3	5	6	N	5	8					
56804	13,309	BRIDGE	7	6	4	N	4	N					
97023	0	CULV							N	N	8	8	3

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2018 TOTAL DEF	**5**	**APR. 2018 TOTAL SD**	**4**	**APR. 2018 TOTAL FO**	**1**
DEF REPL/REM IN 2018	2	SD REPL/REM IN 2018	2	FO REPL/REM IN 2018	0
BECAME DEF IN 2018	3	BECAME SD IN 2018	3	BECAME FO IN 2018	0
APR. 2019 TOTAL DEF	**6**	**APR. 2019 TOTAL SD**	**5**	**APR. 2019 TOTAL FO**	**1**

DISTRICT 6 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



DISTRICT 6 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



DISTRICT 6 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	81.8	83.9	87.7	86.1	85.5	>=84%	89.4	89.8	90.0	90.3	88.9	>=80%	83.5	85.2	88.2	87.0	86.2
FAIR/ POOR	18.2	16.1	12.3	13.9	14.5	<=16%	10.6	10.2	10.0	9.7	11.1	<=20%	16.5	14.8	11.8	13.0	13.8
GOOD	40.9	45.7	48.4	48.3	47.3	>=55%	58.1	57.1	58.2	58.6	48.9	>=50%	44.8	48.1	50.6	50.5	47.7
POOR (SD)	6.6	6.1	2.4	2.5	2.3	<2%	0.8	1.0	0.9	0.9	1.3	<8%	5.3	5.0	2.0	2.1	2.1

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	57.6	60.2	58.0	58.2	57.2	>=50%	79.4	81.4	80.8	80.9	80.5	>=50%	62.8	65.0	63.1	63.2	62.4
FAIR/SATIS	38.4	34.3	37.2	37.4	39.9		19.8	17.9	18.9	18.9	19.3		34.0	30.6	33.2	33.4	35.3
POOR (FO)	4.0	5.5	4.8	4.4	2.9	<5%	0.8	0.7	0.3	0.2	0.2	<5%	3.2	4.4	3.7	3.4	2.3

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	26.7	24.5	24.5	24.5	24.1	>=50%	38.1	37.2	36.2	36.0	36.5	>=40%	29.3	27.2	27.1	27.0	26.9
ACCEPT	58.6	62.2	66.3	66.8	67.2		55.7	57.6	59.3	59.9	59.4		58.0	61.2	64.8	65.3	65.4
PERMIT	12.9	11.6	7.5	7.0	7.0		5.3	4.4	4.1	3.8	3.8		11.1	10.1	6.7	6.3	6.3
POST/SIGN	1.8	1.7	1.7	1.7	1.7	0%	0.9	0.8	0.4	0.3	0.3	0%	1.6	1.5	1.4	1.4	1.4

DISTRICT 6 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	323	3,966,915	85.5	>= 84%	206	1,169,173	88.9	>= 80%	529	5,136,088	86.2
FAIR/POOR	55	673,344	14.5	<= 16%	49	146,633	11.1	<= 20%	104	819,977	13.8
TOTAL	378	4,640,260	100.0		255	1,315,806	100.0		633	5,956,065	100.0
GOOD	158	2,194,412	47.3	>= 55%	103	644,070	48.9	>= 50%	261	2,838,483	47.7
POOR (SD)	5	108,868	2.3	< 2%	4	16,892	1.3	< 8%	9	125,760	2.1

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	218	2,593,232	57.2	>= 50%	186	1,046,112	80.5	>= 50%	404	3,639,344	62.4
FAIR/SATIS	141	1,804,538	39.9		64	250,733	19.3		205	2,055,271	35.3
POOR (SD)	14	133,622	2.9	< 5%	1	2,069	0.2	< 5%	15	135,691	2.3
TOTAL	373	4,531,392			251	1,298,914			624	5,830,306	

LOAD CARRYING CAPACITY RATING

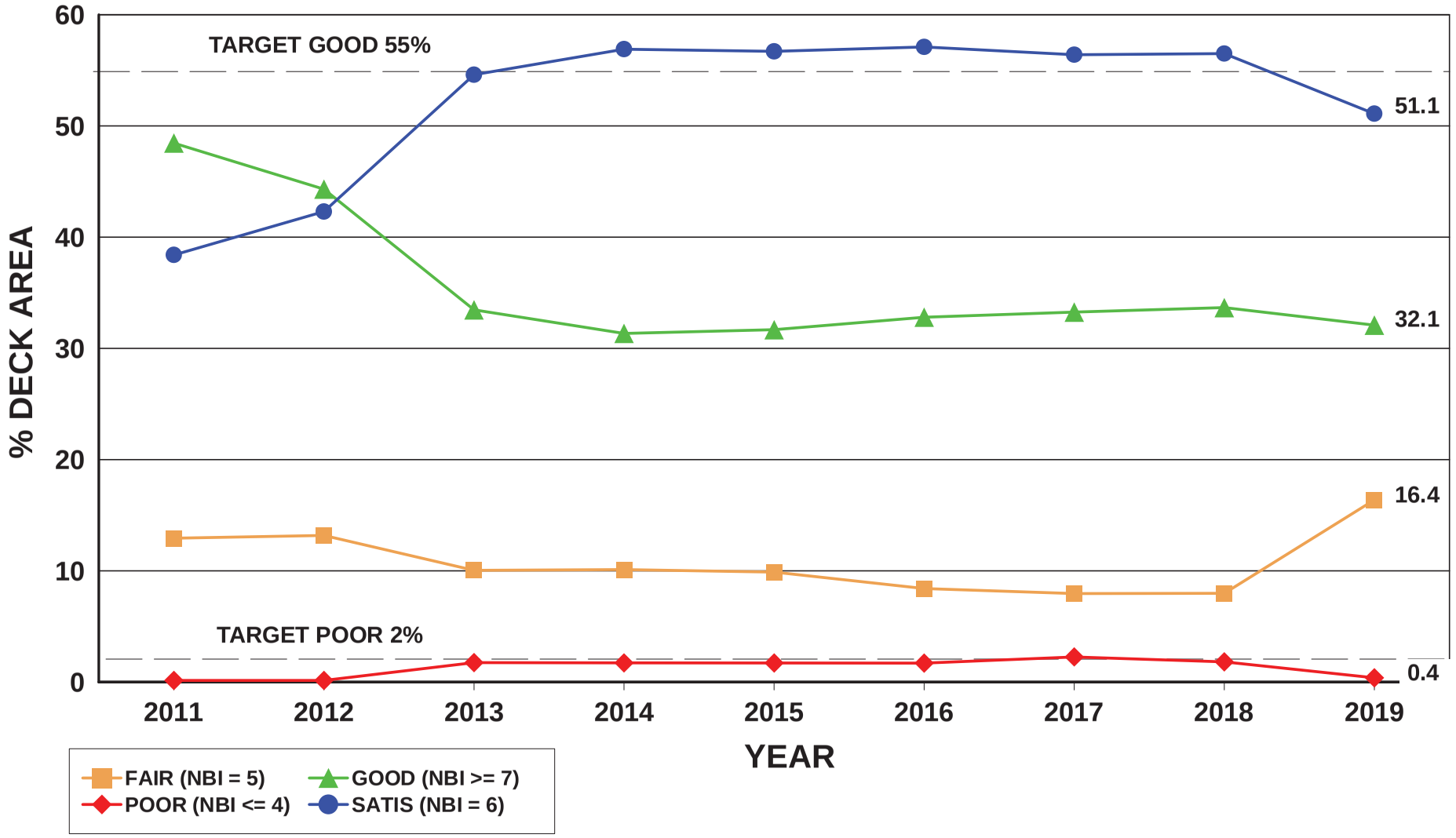
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	89	1,119,580	24.1	>= 50%	60	479,844	36.5	>= 40%	149	1,599,424	26.9
ACCEPT	262	3,116,972	67.2		186	782,651	59.4		448	3,899,623	65.4
PERMIT	26	325,097	7.0		7	49,772	3.8		33	374,869	6.3
POST/SIGN	1	78,611	1.7	0%	2	3,539	0.3	0%	3	82,150	1.4
TOTAL	378	4,640,260			255	1,315,806			633	5,956,066	

DISTRICT 6 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2019

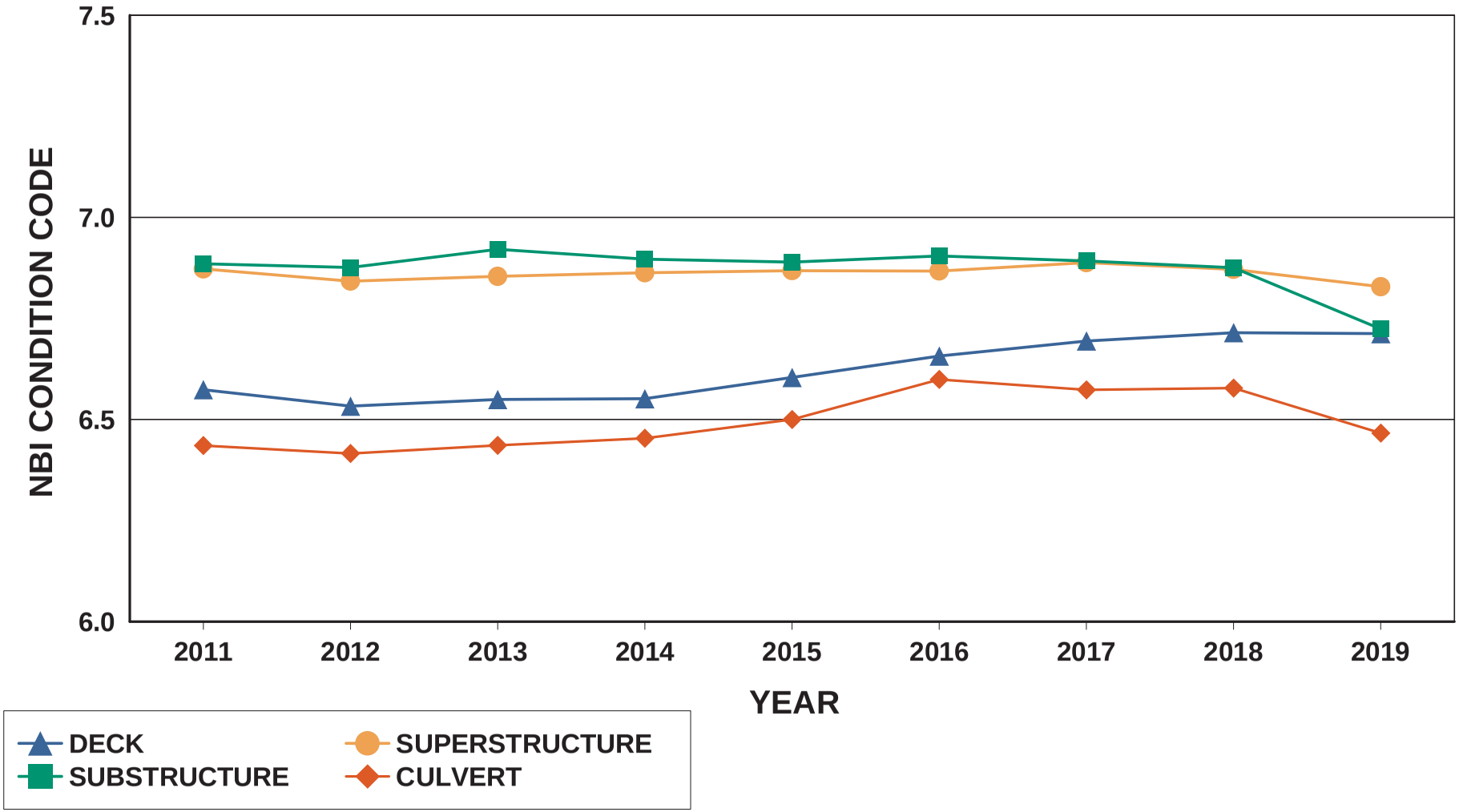
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
5900	78,611	BRIDGE	5	4	5	N	0	8					
8489	0	CULV	N	N	N	4	4	8					
9009	8,617	BRIDGE	4	5	4	N	4	8					
9201	6,744	BRIDGE	4	6	6	N	6	N					
9506	7,136	BRIDGE	4	6	6	N	6	N					
9507	7,948	BRIDGE	4	4	5	N	4	N					
9859	8,429	BRIDGE	4	6	6	N	6	N					
85002	1,040	BRIDGE	5	5	4	N	4	4					
85006	5,314	BRIDGE	4	7	7	N	6	9					
5194	2,069	BRIDGE							5	3	8	6	N
5722	0	CULV							N	N	8	5	3
9180	9,195	BRIDGE							4	3	8	5	N
9504	6,617	BRIDGE							5	3	8	5	N
9659	5,914	BRIDGE							3	4	8	6	N
9889	10,088	BRIDGE							7	3	8	6	N
9890	10,088	BRIDGE							3	3	8	6	N
25028	6,118	BRIDGE							9	3	8	7	N
50803	8,550	BRIDGE							3	5	8	5	N
50807	12,319	BRIDGE							9	3	8	7	N
55011	16,083	BRIDGE							6	3	8	7	N
74005	6,919	BRIDGE							3	4	8	6	N
85013	5,756	BRIDGE							9	3	8	8	N
85805	23,500	BRIDGE							9	3	6	7	N
99205	9,224	BRIDGE							2	5	7	3	N

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2018 TOTAL DEF	**26**	**APR. 2018 TOTAL SD**	**9**	**APR. 2018 TOTAL FO**	**17**
DEF REPL/REM IN 2018	4	SD REPL/REM IN 2018	1	FO REPL/REM IN 2018	3
BECAME DEF IN 2018	2	BECAME SD IN 2018	1	BECAME FO IN 2018	1
APR. 2019 TOTAL DEF	**24**	**APR. 2019 TOTAL SD**	**9**	**APR. 2019 TOTAL FO**	**15**

DISTRICT 7 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



DISTRICT 7 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



DISTRICT 7 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	88.4	89.9	89.8	90.2	83.2	>=84%	88.4	89.9	90.2	92.7	87.7	>=80%	88.4	89.9	89.8	90.6	84.0
FAIR/ POOR	11.6	10.1	10.2	9.8	16.8	<=16%	11.6	10.1	9.8	7.3	12.3	<=20%	11.6	10.1	10.2	9.4	16.0
GOOD	31.7	32.8	33.3	33.7	32.1	>=55%	44.8	45.6	41.9	44.3	44.3	>=50%	33.9	35.0	34.7	35.4	34.1
POOR (SD)	1.7	1.7	2.3	1.8	0.4	<2%	0.3	0.0	2.3	2.2	0.3	<8%	1.5	1.4	2.3	1.9	0.4

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	58.8	58.4	58.5	56.6	55.0	>=50%	58.7	60.0	64.4	78.7	75.0	>=50%	58.8	58.7	59.4	60.1	58.3
FAIR/SATIS	33.2	33.0	33.5	34.5	44.2		40.3	39.0	35.6	21.3	25.0		34.4	34.0	33.9	32.4	41.0
POOR (FO)	8.0	8.6	8.0	8.9	0.8	<5%	1.0	1.0	0.0	0.0	0.0	<5%	6.8	7.3	6.7	7.5	0.7

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	15.4	15.5	14.0	14.0	14.2	>=50%	40.6	41.0	41.0	40.6	39.4	>=40%	19.8	19.8	18.4	18.3	18.3
ACCEPT	81.8	81.7	83.2	83.2	83.0		53.6	53.2	53.8	55.8	57.0		76.9	76.9	78.4	78.8	78.8
PERMIT	2.8	2.8	2.8	2.8	2.8		5.8	5.8	5.2	3.6	3.6		3.3	3.3	3.2	2.9	2.9
POST/SIGN	0.0	0.0	0.0	0.0	0.0	0%	0.0	0.0	0.0	0.0	0.0	0%	0.0	0.0	0.0	0.0	0.0

DISTRICT 7 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	203	2,377,097	83.2	>= 84%	90	492,202	87.7	>= 80%	293	2,869,299	84.0
FAIR/POOR	36	479,093	16.8	<= 16%	17	69,272	12.3	<= 20%	53	548,365	16.0
TOTAL	239	2,856,190	100.0		107	561,474	100.0		346	3,417,664	100.0
GOOD	96	916,473	32.1	>= 55%	47	248,456	44.3	>= 50%	143	1,164,930	34.1
POOR (SD)	2	11,149	0.4	< 2%	1	1,783	0.3	< 8%	3	12,932	0.4

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	152	1,564,210	55.0	>= 50%	81	419,792	75.0	>= 50%	233	1,984,002	58.3
FAIR/SATIS	84	1,257,754	44.2		25	139,899	25.0		109	1,397,654	41.0
POOR (SD)	1	23,077	0.8	< 5%	0	0	0.0	< 5%	1	23,077	0.7
TOTAL	237	2,845,041			106	559,691			343	3,404,733	

LOAD CARRYING CAPACITY RATING

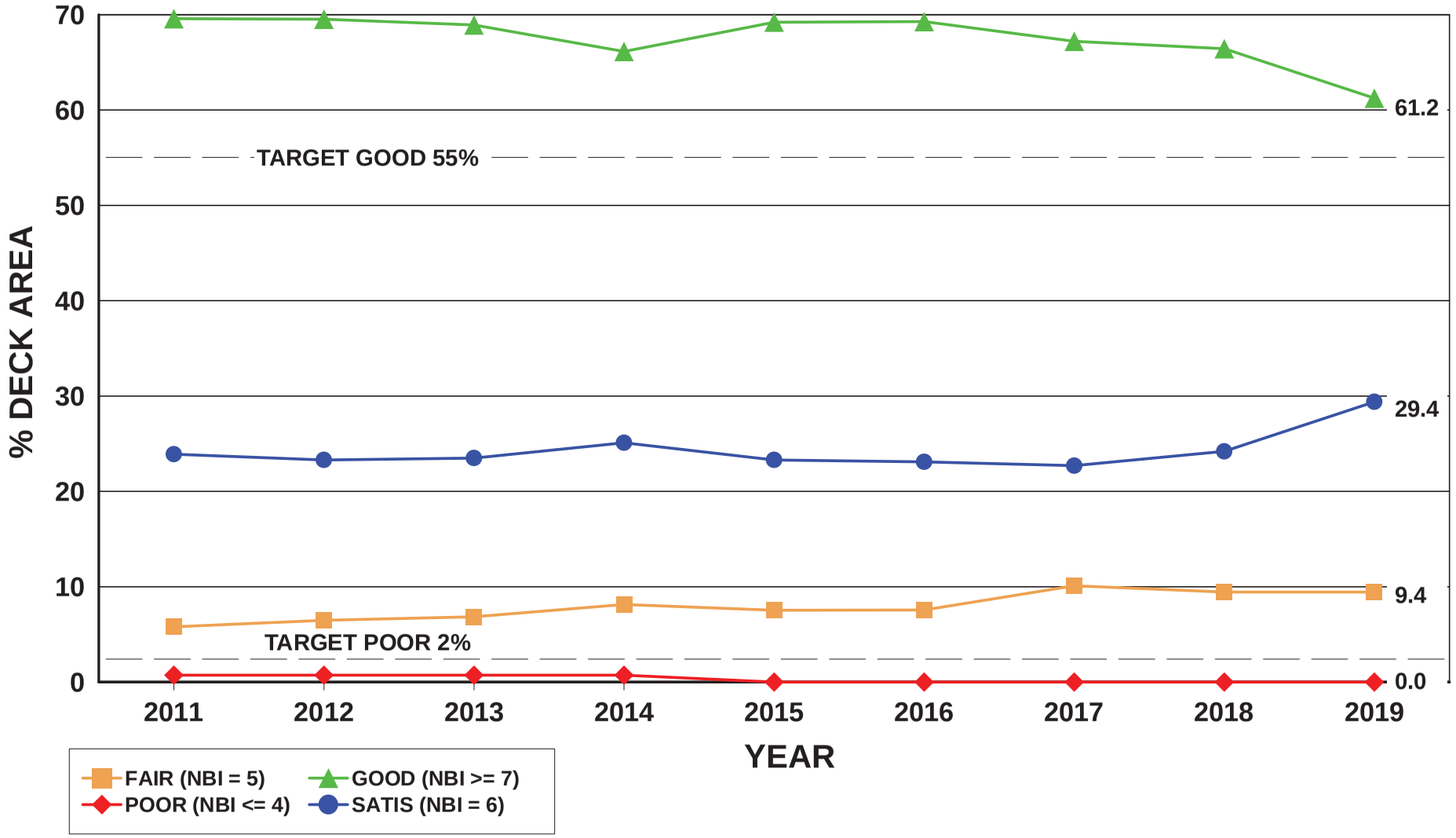
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	39	404,785	14.2	>= 50%	28	221,203	39.4	>= 40%	67	625,988	18.3
ACCEPT	192	2,370,837	83.0		77	320,184	57.0		269	2,691,021	78.8
PERMIT	8	80,568	2.8		2	20,088	3.6		10	100,656	2.9
POST/SIGN	0	0	0.0	0%	0	0	0.0	0%	0	0	0.0
TOTAL	239	2,856,190			107	561,475			346	3,417,665	

DISTRICT 7 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2019

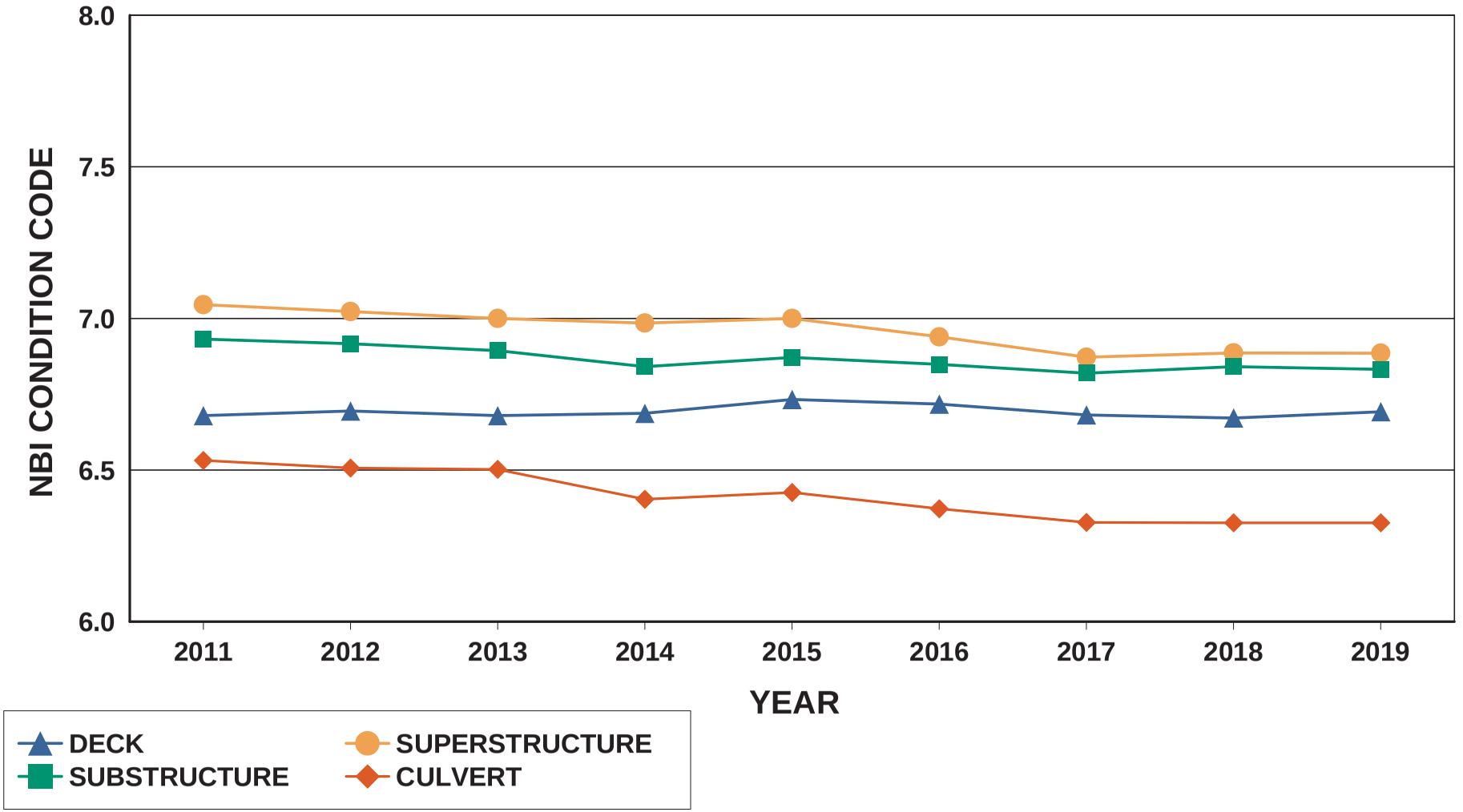
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
8851	0	CULV	N	N	N	4	4	9					
52001	3,581	BRIDGE	5	4	6	N	4	3					
53802	7,568	BRIDGE	5	6	4	N	4	N					
07032	23,077	BRIDGE							6	3	8	5	9

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2018 TOTAL DEF	**9**	**APR. 2018 TOTAL SD**	**4**	**APR. 2018 TOTAL FO**	**5**
DEF REPL/REM IN 2018	7	SD REPL/REM IN 2018	2	FO REPL/REM IN 2018	5
BECAME DEF IN 2018	2	BECAME SD IN 2018	1	BECAME FO IN 2018	1
APR. 2019 TOTAL DEF	**4**	**APR. 2019 TOTAL SD**	**3**	**APR. 2019 TOTAL FO**	**1**

DISTRICT 8 BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



DISTRICT 8 TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



DISTRICT 8 TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	92.5	92.4	89.9	90.6	90.6	>=84%	87.0	86.0	85.6	85.8	85.2	>=80%	90.4	89.9	88.2	88.7	88.5
FAIR/ POOR	7.5	7.6	10.1	9.4	9.4	<=16%	13.0	14.0	14.4	14.2	14.8	<=20%	9.6	10.1	11.8	11.3	11.5
GOOD	69.2	69.3	67.2	66.4	61.2	>=55%	66.9	63.7	59.2	56.5	55.6	>=50%	68.3	67.1	64.2	62.6	59.1
POOR (SD)	0.0	0.0	0.0	0.0	0.0	<2%	2.1	2.0	2.0	1.8	1.4	<8%	0.8	0.8	0.8	0.7	0.6

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	69.2	72.0	69.8	70.7	70.7	>=50%	78.3	78.1	77.6	78.2	74.4	>=50%	72.7	74.4	72.8	73.6	72.1
FAIR/SATIS	29.6	26.9	29.1	28.8	28.8		21.7	21.9	22.4	21.8	25.6		26.6	24.9	26.5	26.1	27.6
POOR (FO)	1.2	1.1	1.1	0.5	0.5	<5%	0.0	0.0	0.0	0.0	0.0	<5%	0.7	0.7	0.7	0.3	0.3

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	26.1	25.5	25.2	22.8	22.8	>=50%	26.4	24.2	24.2	24.2	24.3	>=40%	26.2	25.0	24.8	23.4	23.4
ACCEPT	70.2	70.9	71.2	73.2	73.2		65.4	67.9	67.9	67.9	68.8		68.4	69.7	70.0	71.1	71.4
PERMIT	3.7	3.6	3.6	4.0	4.0		5.8	5.6	5.6	5.6	4.9		4.5	4.4	4.3	4.6	4.4
POST/SIGN	0.0	0.0	0.0	0.0	0.0	0%	2.4	2.3	2.3	2.3	2.0	0%	0.9	0.9	0.9	0.9	0.8

DISTRICT 8 TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	90	773,005	90.6	>= 84%	103	448,319	85.2	>= 80%	193	1,221,324	88.5
FAIR/POOR	13	80,666	9.4	<= 16%	29	77,916	14.8	<= 20%	42	158,582	11.5
TOTAL	103	853,671	100.0		132	526,235	100.0		235	1,379,906	100.0
GOOD	54	522,769	61.2	>= 55%	55	292,444	55.6	>= 50%	109	815,213	59.1
POOR (SD)	0	0	0.0	< 2%	2	7,608	1.4	< 8%	2	7,608	0.6

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	78	603,793	70.7	>= 50%	92	385,695	74.4	>= 50%	170	989,488	72.1
FAIR/SATIS	24	245,607	28.8		38	132,932	25.6		62	378,539	27.6
POOR (SD)	1	4,271	0.5	< 5%	0	0	0.0	< 5%	1	4,271	0.3
TOTAL	103	853,671			130	518,627			233	1,372,298	

LOAD CARRYING CAPACITY RATING

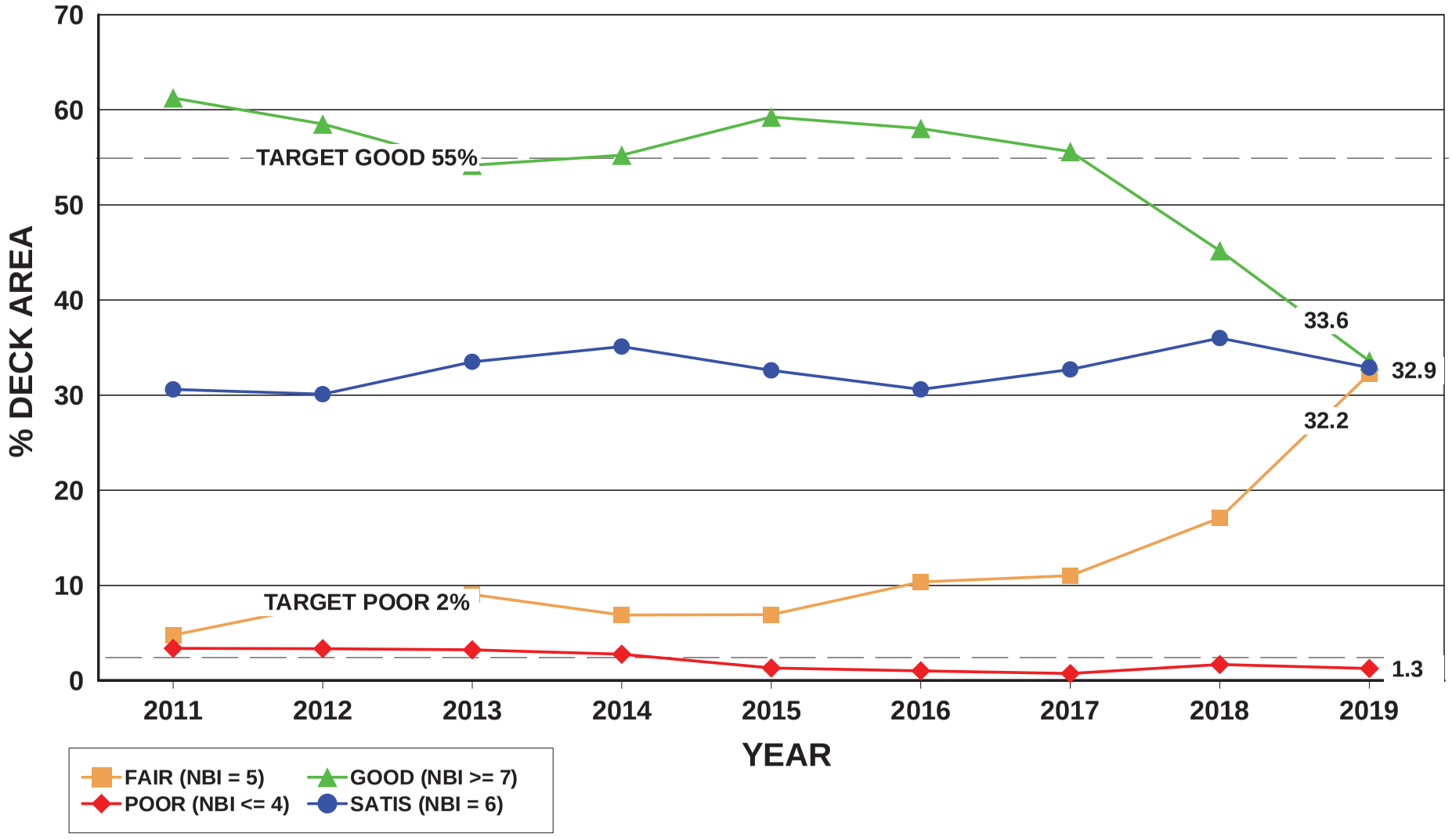
	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	22	194,835	22.8	>= 50%	23	127,725	24.3	>= 40%	45	322,560	23.4
ACCEPT	75	624,513	73.2		95	361,904	68.8		170	986,417	71.4
PERMIT	6	34,323	4.0		10	25,937	4.9		16	60,260	4.4
POST/SIGN	0	0	0.0	0%	4	10,669	2.0	0%	4	10,669	0.8
TOTAL	103	853,671			132	526,235			235	1,379,906	

DISTRICT 8 DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2019

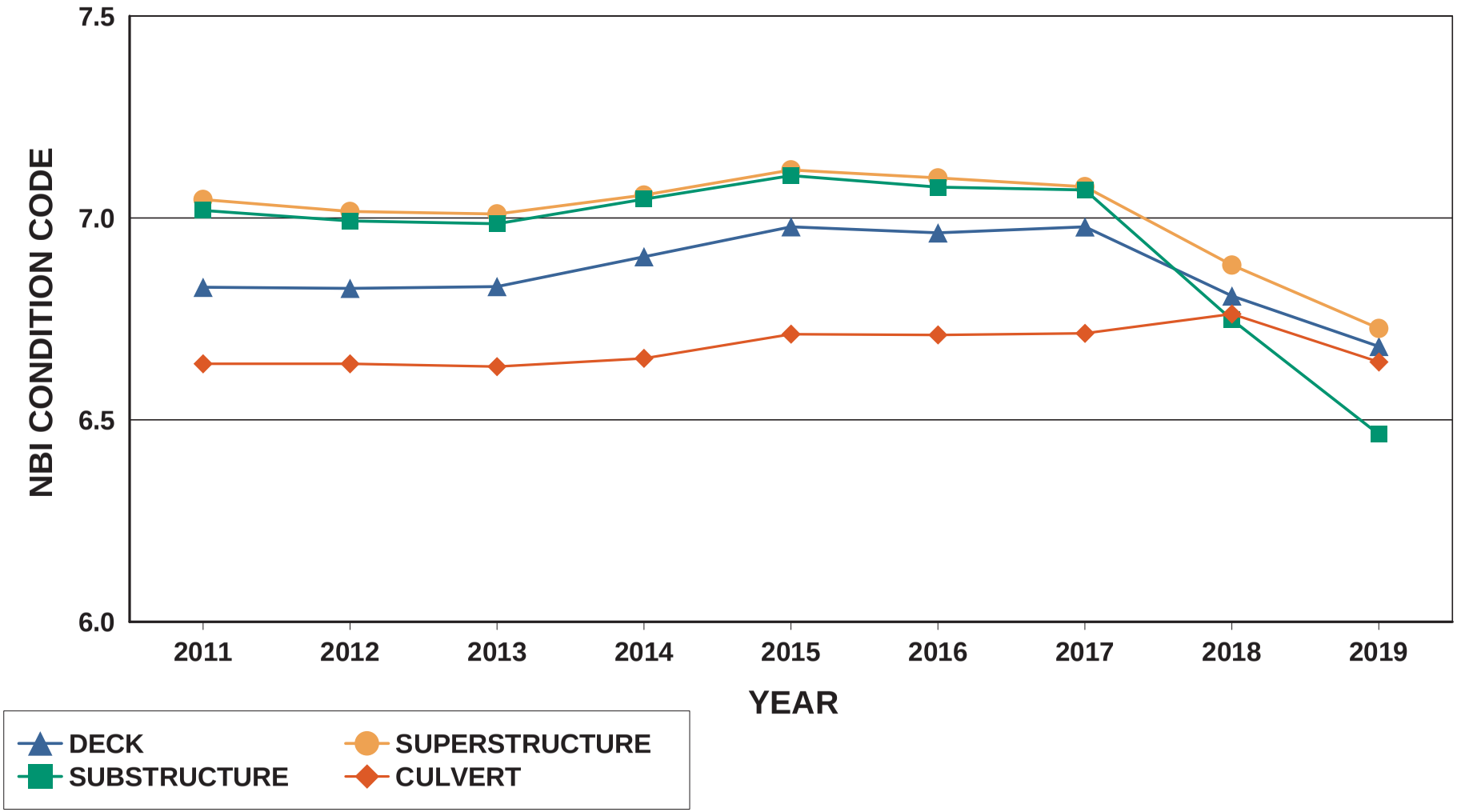
			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
5380	6,284	BRIDGE	4	4	5	N	4	8					
5432	1,324	BRIDGE	4	5	5	N	5	8					
42003	4,271	BRIDGE							3	N	8	5	8

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2018 TOTAL DEF	**3**	**APR. 2018 TOTAL SD**	**2**	**APR. 2018 TOTAL FO**	**1**
DEF REPL/REM IN 2018	1	SD REPL/REM IN 2018	1	FO REPL/REM IN 2018	0
BECAME DEF IN 2018	1	BECAME SD IN 2018	1	BECAME FO IN 2018	0
APR. 2019 TOTAL DEF	**3**	**APR. 2019 TOTAL SD**	**2**	**APR. 2019 TOTAL FO**	**1**

METRO DISTRICT BRIDGE CONDITION HISTORY
TRUNK HIGHWAY PRINCIPAL ARTERIALS
ALL STRUCTURES OVER 20 FT
2019



METRO DISTRICT TRUNK HIGHWAY
AVERAGE NBI CONDITION CODES
ALL STRUCTURES 10 FT AND OVER
2019



METRO TRUNK HIGHWAY
BRIDGE PERFORMANCE HISTORY
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD/SATIS	91.7	88.6	88.2	81.2	66.5	>=84%	83.4	83.5	79.2	50.0	52.0	>=80%	91.1	88.2	87.6	79.1	65.5
FAIR/ POOR	8.3	11.4	11.8	18.8	33.5	<=16%	16.6	16.5	20.8	50.0	48.0	<=20%	8.9	11.8	12.4	20.9	34.5
GOOD	59.2	58.0	55.6	45.2	33.6	>=55%	64.3	58.8	48.2	26.5	20.6	>=50%	59.7	58.1	55.1	43.9	32.7
POOR (SD)	1.3	1.0	0.7	1.7	1.3	<2%	6.9	7.0	10.1	16.7	16.5	<8%	1.8	1.5	1.4	2.7	2.3

GEOMETRIC RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
GOOD	41.4	41.1	40.7	38.4	32.8	>=50%	37.0	38.5	23.3	23.7	26.0	>=50%	41.1	40.9	39.7	37.6	32.4
FAIR/SATIS	48.9	49.2	50.5	53.3	58.8		36.8	36.4	43.5	59.0	54.4		47.9	48.2	50.0	53.6	58.5
POOR (FO)	9.7	9.7	8.8	8.3	8.4	<5%	26.2	25.1	33.2	17.3	19.6	<5%	11.0	10.9	10.3	8.8	9.1

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL						NON-PRINCIPAL ARTERIAL						TOTAL				
CATEGORY	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019	TARG	2015	2016	2017	2018	2019
HS25	44.9	45.0	43.4	42.7	41.5	>=50%	30.6	30.9	32.9	32.9	24.0	>=40%	43.7	43.8	42.7	42.0	40.3
ACCEPT	48.2	49.5	51.0	51.8	52.9		64.9	64.6	62.7	61.4	70.4		49.7	50.7	51.8	52.4	54.1
PERMIT	6.7	5.2	5.4	5.4	5.6		4.5	4.5	4.4	4.4	4.3		6.5	5.2	5.3	5.4	5.5
POST/SIGN	0.2	0.3	0.2	0.1	0.0	0%	0.0	0.0	0.0	1.3	1.3	0%	0.1	0.3	0.2	0.2	0.1

METRO TRUNK HIGHWAY
BRIDGE PERFORMANCE DETAIL
ALL STRUCTURES OVER 20 FT
2019

STRUCTURAL CONDITION RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD/SATIS	803	16,191,163	66.5	>= 84%	82	919,028	52.0	>= 80%	885	17,110,191	65.5
FAIR/POOR	292	8,161,940	33.5	<= 16%	27	848,562	48.0	<= 20%	319	9,010,501	34.5
TOTAL	1,095	24,353,102	100.0		109	1,767,590	100.0		1,204	26,120,692	100.0
GOOD	433	8,180,447	33.6	>= 55%	44	363,644	20.6	>= 50%	477	8,544,091	32.7
POOR (SD)	22	308,265	1.3	< 2%	3	291,979	16.5	< 8%	25	600,244	2.3

GEOMETRIC RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
GOOD	360	7,889,978	32.8	>= 50%	53	383,699	26.0	>= 50%	413	8,273,677	32.4
FAIR/SATIS	585	14,127,886	58.8		41	803,051	54.4		626	14,930,937	58.5
POOR (SD)	128	2,026,973	8.4	< 5%	12	288,861	19.6	< 5%	140	2,315,834	9.1
TOTAL	1,073	24,044,837			106	1,475,611			1,179	25,520,448	

LOAD CARRYING CAPACITY RATING

	PRINCIPAL ARTERIAL				NON-PRINCIPAL ARTERIAL				TOTAL		
CATEGORY	# BR	AREA	%	TARGET	# BR	AREA	%	TARGET	# BR	AREA	%
HS25	454	10,104,798	41.5	>= 50%	36	424,007	24.0	>= 40%	490	10,528,805	40.3
ACCEPT	567	12,886,799	52.9		64	1,244,074	70.4		631	14,130,872	54.1
PERMIT	74	1,361,506	5.6		8	76,458	4.3		82	1,437,964	5.5
POST/SIGN	0	0	0.0	0%	1	23,051	1.3	0%	1	23,051	0.1
TOTAL	1,095	24,353,103			109	1,767,590			1,204	26,120,692	

METRO DISTRICT DEFICIENT BRIDGE LIST
ALL STRUCTURES OVER 20 FT
2019

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
2440	154,044	BRIDGE	5	4	4	N	4	9					
6347	23,051	BRIDGE	4	5	6	N	5	9					
6583	20,312	BRIDGE	6	4	5	N	4	N					
9036	114,884	BRIDGE	6	5	4	N	4	9					
9043	7,755	BRIDGE	6	4	6	N	4	N					
9044	8,361	BRIDGE	6	4	5	N	4	N					
9421	22,479	BRIDGE	7	6	4	N	4	N					
9632	13,563	BRIDGE	6	4	7	N	4	N					
9700	22,475	BRIDGE	4	5	4	N	4	8					
9805	8,080	BRIDGE	5	5	4	N	4	N					
9805A	3,608	BRIDGE	6	5	4	N	4	N					
02033	35,223	BRIDGE	7	4	6	N	4	N					
19863	15,687	BRIDGE	5	4	5	N	4	N					
19865	28,049	BRIDGE	5	5	4	N	4	N					
27177	22,040	BRIDGE	4	6	6	N	6	N					
27551	19,642	BRIDGE	5	5	4	N	4	N					
27883	13,406	BRIDGE	4	5	7	N	5	N					
27909	5,234	BRIDGE	6	6	4	N	4	8					
27925	5,402	BRIDGE	5	5	4	N	4	8					
27926	3,254	BRIDGE	6	6	4	N	4	8					
62080A	14,172	BRIDGE	6	6	3	N	3	N					
62882	8,603	BRIDGE	6	4	5	N	4	N					
82831	13,331	BRIDGE	4	5	6	N	5	N					
82832	13,331	BRIDGE	4	5	6	N	5	N					
96093	0	CULV	N	N	N	4	4	N					
5310	30,626	BRIDGE							9	3	7	6	N
6580	15,173	BRIDGE							5	3	8	6	N
6850	10,697	BRIDGE							6	3	8	5	N
6851	10,697	BRIDGE							6	3	7	6	N
7268	10,090	BRIDGE							4	3	8	6	N
7269	9,793	BRIDGE							4	3	8	6	N
9012	11,109	BRIDGE							5	3	8	6	N
9041	11,445	BRIDGE							4	3	7	5	N
9053	12,815	BRIDGE							4	3	8	6	N
9079	12,333	BRIDGE							3	4	7	6	N
9082	7,624	BRIDGE							2	4	7	7	N
9123	7,153	BRIDGE							3	4	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
9124	6,460	BRIDGE							3	N	8	5	9
9153	8,181	BRIDGE							4	3	8	3	N
9213	11,445	BRIDGE							4	3	8	6	N
9276	7,387	BRIDGE							2	4	8	5	N
9351	9,669	BRIDGE							2	4	8	6	N
9352	9,669	BRIDGE							2	4	8	6	N
9353	10,410	BRIDGE							2	5	8	5	N
9354	10,410	BRIDGE							2	5	8	5	N
9379	14,779	BRIDGE							7	3	8	5	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	6	N
9452	23,005	BRIDGE							5	3	8	6	N
9457	14,497	BRIDGE							6	3	8	5	N
9471	15,849	BRIDGE							2	5	8	6	N
9489	6,296	BRIDGE							2	4	8	6	N
9490	7,452	BRIDGE							2	4	8	6	N
9492	13,756	BRIDGE							4	3	8	5	N
9569	19,454	BRIDGE							4	3	8	5	N
9601	11,976	BRIDGE							4	3	8	6	N
9602	14,478	BRIDGE							4	3	8	6	N
9616	12,796	BRIDGE							4	3	8	6	N
9619	11,940	BRIDGE							4	3	8	7	N
9620	11,328	BRIDGE							5	3	8	6	N
9621	11,260	BRIDGE							5	3	8	5	N
9779	8,793	BRIDGE							4	3	7	5	N
9780	8,793	BRIDGE							4	3	7	5	N
9830	6,017	BRIDGE							2	4	8	5	N
9834	6,825	BRIDGE							4	3	8	6	N
9860	5,904	BRIDGE							3	5	7	6	N
9869	19,720	BRIDGE							5	3	8	5	N
02802	7,080	BRIDGE							5	3	8	6	N
13802	6,800	BRIDGE							2	5	8	6	N
19089	9,426	BRIDGE							3	7	8	7	N
19808	6,197	BRIDGE							6	3	8	6	N
19883	20,553	BRIDGE							2	6	8	5	N
19884	9,505	BRIDGE							9	3	8	6	N
27021	8,427	BRIDGE							2	4	8	5	N
27022	8,610	BRIDGE							2	4	8	6	N
27038	17,550	BRIDGE							5	3	7	5	N
27083	11,237	BRIDGE							2	3	8	5	N
27100	11,353	BRIDGE							3	4	8	6	N

METRO DISTRICT DEFICIENT BRIDGE LIST

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
27102	13,935	BRIDGE							5	3	7	6	N
27169	7,176	BRIDGE							5	3	7	6	N
27171	4,352	BRIDGE							2	4	8	6	N
27211	4,140	BRIDGE							2	5	7	6	N
27253	2,228	BRIDGE							7	3	8	8	N
27302	29,959	BRIDGE							9	3	8	7	N
27409	110,117	BRIDGE							9	3	8	7	9
27517	9,197	BRIDGE							3	3	8	5	N
27523	19,642	BRIDGE							9	3	8	5	N
27525	6,507	BRIDGE							4	3	6	5	N
27526	10,778	BRIDGE							4	3	7	6	N
27531	10,644	BRIDGE							4	3	7	5	N
27534	6,557	BRIDGE							3	4	8	5	N
27536	9,730	BRIDGE							2	4	8	5	N
27540	9,528	BRIDGE							9	3	7	6	N
27550	11,251	BRIDGE							3	3	8	5	N
27555	12,108	BRIDGE							3	4	8	5	N
27567	11,413	BRIDGE							4	3	7	6	N
27702	8,149	BRIDGE							3	5	8	7	N
27703	8,705	BRIDGE							3	6	8	7	N
27706	11,163	BRIDGE							3	5	8	7	N
27708	4,578	BRIDGE							9	3	5	6	N
27715	25,750	BRIDGE							3	6	8	7	N
27720	6,909	BRIDGE							9	3	5	6	N
27726B	28,919	BRIDGE							6	3	6	6	N
27737	19,808	BRIDGE							9	3	8	7	N
27751A	6,801	BRIDGE							9	4	3	6	N
27756	20,135	BRIDGE							5	3	8	6	N
27776C	32,446	BRIDGE							9	3	8	5	N
27776D	15,713	BRIDGE							3	N	8	5	N
27776F	34,627	BRIDGE							6	3	6	6	N
27793	11,585	BRIDGE							6	3	7	5	N
27799L	15,830	BRIDGE							3	4	8	6	N
27806	15,388	BRIDGE							2	6	8	7	N
27816S	157,202	BRIDGE							7	3	8	5	N
27838	12,466	BRIDGE							9	3	8	5	N
27840	14,827	BRIDGE							2	3	8	5	N
27853	24,698	BRIDGE							4	3	8	5	N
27854	27,879	BRIDGE							2	3	8	5	N
27865	12,362	BRIDGE							2	3	6	5	N
27873	15,436	BRIDGE							9	3	8	7	N
27874	7,248	BRIDGE							9	3	8	6	N

METRO DISTRICT DEFICIENT BRIDGE LIST

			STRUCTURALLY DEFICIENT						FUNCTIONALLY OBSOLETE				
BRIDGE NO	DECK AREA	STRUCT TYPE	DECK	SUPER	SUB	CULV	STR EVAL	WAT ADEQ	DECK GEOM	UNDR CLR	APPR ALIGN	STR EVAL	WAT ADEQ
27876A	7,648	BRIDGE							2	4	8	5	N
27882	13,498	BRIDGE							4	3	7	5	N
27903	3,606	BRIDGE							5	3	8	7	N
27957	10,448	BRIDGE							2	5	8	5	N
27966	19,299	BRIDGE							6	3	8	5	N
27982	14,763	BRIDGE							7	3	7	6	N
27989	16,116	BRIDGE							2	6	8	6	N
27V87	13,470	BRIDGE							5	3	8	7	N
27V95	38,758	BRIDGE							9	3	7	7	N
27V97	16,989	BRIDGE							9	3	7	7	N
27W06	24,000	BRIDGE							9	3	8	8	N
27W09	15,303	BRIDGE							7	3	8	7	N
27W15	36,796	BRIDGE							2	9	8	8	N
27W27	29,800	BRIDGE							2	3	8	8	N
27W40	9,643	BRIDGE							6	3	8	8	N
62006	11,192	BRIDGE							4	3	8	5	N
62007	8,553	BRIDGE							6	3	8	6	N
62011	11,364	BRIDGE							5	3	8	5	N
62014	18,865	BRIDGE							5	3	8	5	N
62017	196,495	BRIDGE							6	3	8	7	9
62029	11,672	BRIDGE							4	3	8	5	N
62030	12,990	BRIDGE							4	3	8	5	N
62033	4,654	BRIDGE							4	3	8	6	N
62034	4,628	BRIDGE							4	3	8	5	N
62062	37,762	BRIDGE							5	3	8	7	N
62705	3,496	BRIDGE							3	5	8	7	N
62719	17,716	BRIDGE							6	3	8	6	N
62803	22,137	BRIDGE							4	3	8	6	N
62808	17,212	BRIDGE							6	3	7	5	N
62812	10,782	BRIDGE							6	3	7	5	N
62835	6,926	BRIDGE							3	5	8	6	N
62836	6,765	BRIDGE							3	5	8	6	N
62844	9,166	BRIDGE							4	3	8	5	N
62845	16,576	BRIDGE							4	3	8	6	N
62853	12,777	BRIDGE							9	3	8	6	N
62864	22,186	BRIDGE							9	3	8	7	N
62884	6,840	BRIDGE							9	3	8	6	N
62888	14,102	BRIDGE							3	6	8	6	N
62894	14,411	BRIDGE							2	6	8	6	N
62937	11,222	BRIDGE							5	3	8	8	N
70003	43,821	BRIDGE							7	3	8	6	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	3	8	7	N
90381	2,610	BRIDGE							6	3	8	6	N

DEFICIENT SUMMARY		STRUCTURALLY DEFICIENT SUMMARY		FUNCTIONALLY OBSOLETE SUMMARY	
APR. 2018 TOTAL DEF	**171**	**APR. 2018 TOTAL SD**	**34**	**APR. 2018 TOTAL FO**	**137**
DEF REPL/REM IN 2018	14	SD REPL/REM IN 2018	10	FO REPL/REM IN 2018	4
BECAME DEF IN 2018	8	BECAME SD IN 2018	1	BECAME FO IN 2018	7
APR. 2019 TOTAL DEF	**165**	**APR. 2019 TOTAL SD**	**25**	**APR. 2019 TOTAL FO**	**140**