

APPENDIX A – 71

2017 TIP Detail

System Maintenance



**Appendix A-71: Plan Bay Area 28-Year Local Street and Road System Preservation Needs and Revenues
(Inflated 1,000s)**

Note: Updated in November, 2012 to account for committed revenue forecasted to be derived from Measure T, the Napa countywide sales tax measure.

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Alameda	\$ 401,550	\$ 131,951	\$ 533,501	\$ 342,853	\$ 77,807	\$ 112,841
Alameda	\$ 143,609	\$ 208,120	\$ 351,729	\$ 79,780	\$ 77,568	\$ 194,381
Albany	\$ 33,223	\$ 46,976	\$ 80,199	\$ 37,899	\$ 1,881	\$ 40,419
Berkeley	\$ 240,376	\$ 298,396	\$ 538,772	\$ 252,875	\$ 10,908	\$ 274,989
Dublin	\$ 80,298	\$ 134,740	\$ 215,039	\$ 52,058	\$ 72,531	\$ 90,450
Emeryville	\$ 18,409	\$ 28,225	\$ 46,635	\$ 46,635	\$ -	\$ -
Fremont	\$ 609,282	\$ 602,007	\$ 1,211,289	\$ 293,217	\$ 217,075	\$ 700,998
Hayward	\$ 273,343	\$ 422,549	\$ 695,892	\$ 311,932	\$ 89,195	\$ 294,765
Livermore	\$ 262,988	\$ 235,451	\$ 498,439	\$ 112,194	\$ 192,100	\$ 194,144
Newark	\$ 104,585	\$ 122,484	\$ 227,068	\$ 34,256	\$ 79,793	\$ 113,019
Oakland	\$ 939,983	\$ 1,188,587	\$ 2,128,570	\$ 254,974	\$ 353,994	\$ 1,519,601
Piedmont	\$ 27,547	\$ 31,082	\$ 58,629	\$ 42,207	\$ 4,059	\$ 12,363
Pleasanton	\$ 206,360	\$ 195,154	\$ 401,514	\$ 84,414	\$ 147,073	\$ 170,027
San Leandro	\$ 238,826	\$ 229,575	\$ 468,401	\$ 160,529	\$ 32,192	\$ 275,680
Union City	\$ 134,865	\$ 207,140	\$ 342,005	\$ 41,764	\$ 120,838	\$ 179,404
COUNTY TOTAL	\$ 3,715,245	\$ 4,082,437	\$ 7,797,682	\$ 2,147,587	\$ 1,477,014	\$ 4,173,081

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Contra Costa	\$ 501,667	\$ 184,797	\$ 686,463	\$ 262,042	\$ 261,428	\$ 162,993
Antioch	\$ 293,307	\$ 282,419	\$ 575,726	\$ 342,876	\$ 61,183	\$ 171,666
Brentwood	\$ 141,563	\$ 144,872	\$ 286,435	\$ 132,170	\$ 111,080	\$ 43,185
Clayton	\$ 41,138	\$ 30,254	\$ 71,392	\$ 20,701	\$ 24,409	\$ 26,282
Concord	\$ 356,026	\$ 347,370	\$ 703,395	\$ 523,356	\$ 15,437	\$ 164,603
Danville	\$ 128,291	\$ 120,259	\$ 248,550	\$ 109,900	\$ 54,716	\$ 83,934
El Cerrito	\$ 39,815	\$ 65,315	\$ 105,130	\$ 28,654	\$ 32,216	\$ 44,260
Hercules	\$ 47,102	\$ 68,150	\$ 115,252	\$ 27,244	\$ 69,203	\$ 18,805
Lafayette	\$ 71,711	\$ 67,181	\$ 138,892	\$ 39,989	\$ 43,261	\$ 55,642
Martinez	\$ 116,532	\$ 101,186	\$ 217,718	\$ 100,673	\$ 18,403	\$ 98,642
Moraga	\$ 78,156	\$ 45,074	\$ 123,230	\$ 23,606	\$ 23,233	\$ 76,391
Oakley	\$ 93,553	\$ 98,379	\$ 191,932	\$ 56,746	\$ 54,606	\$ 80,580
Orinda	\$ 85,272	\$ 49,308	\$ 134,580	\$ 70,953	\$ 0	\$ 63,627
Pinole	\$ 54,594	\$ 53,969	\$ 108,564	\$ 22,235	\$ 35,109	\$ 51,220
Pittsburg	\$ 185,106	\$ 179,301	\$ 364,408	\$ 199,257	\$ 18,610	\$ 146,542
Pleasant Hill	\$ 98,536	\$ 93,405	\$ 191,941	\$ 77,913	\$ 27,529	\$ 86,500
Richmond	\$ 306,526	\$ 291,526	\$ 598,052	\$ 375,227	\$ 24,720	\$ 198,105
San Pablo	\$ 34,311	\$ 88,678	\$ 122,989	\$ 52,568	\$ 23,905	\$ 46,517
San Ramon	\$ 159,508	\$ 179,006	\$ 338,514	\$ 338,514	\$ -	\$ -
Walnut Creek	\$ 278,631	\$ 183,764	\$ 462,395	\$ 110,172	\$ 179,888	\$ 172,336
COUNTY TOTAL	\$ 3,111,346	\$ 2,674,212	\$ 5,785,558	\$ 2,914,794	\$ 1,078,936	\$ 1,791,829

**Appendix A-71: Plan Bay Area 28-Year Local Street and Road System Preservation Needs and Revenues
(Inflated 1,000s)**

Note: Updated in November, 2012 to account for committed revenue forecasted to be derived from Measure T, the Napa countywide sales tax measure.

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Marin	\$ 291,920	\$ 117,194	\$ 409,113	\$ 318,430	\$ -	\$ 90,683
Belvedere	\$ 5,462	\$ 6,003	\$ 11,465	\$ 5,950	\$ 9,947	\$ -
Corte Madera	\$ 27,772	\$ 27,091	\$ 54,863	\$ 11,522	\$ 18,943	\$ 24,398
Fairfax	\$ 22,778	\$ 20,677	\$ 43,455	\$ 9,599	\$ 18,247	\$ 15,609
Larkspur	\$ 52,846	\$ 34,217	\$ 87,063	\$ 14,906	\$ 8,722	\$ 63,435
Mill Valley	\$ 61,485	\$ 39,036	\$ 100,521	\$ 61,779	\$ 14,815	\$ 23,928
Novato	\$ 164,662	\$ 147,259	\$ 311,921	\$ 112,265	\$ 87,565	\$ 112,091
Ross	\$ 10,711	\$ 6,684	\$ 17,396	\$ 8,337	\$ 4,572	\$ 4,486
San Anselmo	\$ 36,828	\$ 35,172	\$ 72,000	\$ 21,808	\$ 3,897	\$ 46,296
San Rafael	\$ 147,960	\$ 162,342	\$ 310,301	\$ 54,490	\$ 155,678	\$ 100,133
Sausalito	\$ 15,300	\$ 20,964	\$ 36,264	\$ 8,791	\$ 3,382	\$ 24,091
Tiburon	\$ 27,107	\$ 24,839	\$ 51,946	\$ 26,795	\$ 7,213	\$ 17,937
COUNTY TOTAL	\$ 864,832	\$ 641,477	\$ 1,506,309	\$ 654,672	\$ 332,981	\$ 523,087

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Napa	\$ 566,818	\$ 124,507	\$ 691,325	\$ 310,070	\$ 194,709	\$ 186,545
American Canyon	\$ 63,203	\$ 46,465	\$ 109,668	\$ 68,257	\$ 37,054	\$ 4,357
Calistoga	\$ 20,608	\$ 14,821	\$ 35,428	\$ 17,029	\$ 21,015	\$ -
Napa	\$ 381,033	\$ 217,454	\$ 598,487	\$ 247,585	\$ 173,725	\$ 177,178
St Helena	\$ 46,006	\$ 16,587	\$ 62,593	\$ 31,121	\$ 31,129	\$ 343
Yountville	\$ 9,448	\$ 8,989	\$ 18,437	\$ 30,933	\$ -	\$ -
COUNTY TOTAL	\$ 1,087,116	\$ 428,822	\$ 1,515,938	\$ 704,995	\$ 457,632	\$ 368,422

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
San Francisco	\$ 2,415,717	\$ 2,362,721	\$ 4,778,438	\$ 2,298,843	\$ 487,602	\$ 1,991,992

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Note: Updated in November, 2012 to account for committed revenue forecasted to be derived from Measure T, the Napa countywide sales tax measure.

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of San Mateo	\$ 204,119	\$ 87,793	\$ 291,912	\$ 256,014	\$ 25,102	\$ 10,797
Atherton	\$ 32,226	\$ 20,848	\$ 53,074	\$ 53,074	\$ -	\$ -
Belmont	\$ 79,612	\$ 73,156	\$ 152,768	\$ 19,835	\$ 44,857	\$ 88,076
Brisbane	\$ 27,521	\$ 11,020	\$ 38,541	\$ 16,976	\$ 14,282	\$ 7,283
Burlingame	\$ 70,718	\$ 80,980	\$ 151,698	\$ 47,004	\$ 133,488	\$ -
Colma	\$ 17,614	\$ 4,518	\$ 22,132	\$ 19,676	\$ 7,730	\$ -
Daly City	\$ 124,793	\$ 299,124	\$ 423,917	\$ 71,269	\$ 102,874	\$ 249,774
East Palo Alto	\$ 74,539	\$ 92,522	\$ 167,062	\$ 55,897	\$ 15,030	\$ 96,134
Foster City	\$ 51,998	\$ 84,781	\$ 136,779	\$ 47,874	\$ 36,347	\$ 52,558
Half Moon Bay	\$ 36,074	\$ 36,902	\$ 72,976	\$ 15,910	\$ 7,986	\$ 49,081
Hillsborough	\$ 54,712	\$ 31,841	\$ 86,553	\$ 29,244	\$ 31,486	\$ 25,823
Menlo Park	\$ 90,329	\$ 88,827	\$ 179,156	\$ 179,156	\$ -	\$ -
Millbrae	\$ 69,361	\$ 60,629	\$ 129,990	\$ 15,726	\$ 36,346	\$ 77,918
Pacifica	\$ 122,892	\$ 111,585	\$ 234,476	\$ 52,265	\$ 37,529	\$ 144,682
Portola Valley	\$ 25,424	\$ 13,040	\$ 38,464	\$ 21,690	\$ 11,653	\$ 5,121
Redwood City	\$ 208,144	\$ 216,838	\$ 424,982	\$ 109,769	\$ 139,146	\$ 176,067
San Bruno	\$ 119,419	\$ 122,246	\$ 241,665	\$ 57,482	\$ 37,554	\$ 146,629
San Carlos	\$ 110,416	\$ 80,464	\$ 190,881	\$ 42,016	\$ 48,291	\$ 100,573
San Mateo	\$ 182,496	\$ 269,185	\$ 451,681	\$ 191,319	\$ 60,132	\$ 200,230
South San Francisco	\$ 173,483	\$ 181,799	\$ 355,281	\$ 108,672	\$ 70,169	\$ 176,440
Woodside	\$ 53,392	\$ 15,836	\$ 69,228	\$ 29,336	\$ 59,296	\$ -
COUNTY TOTAL	\$ 1,929,281	\$ 1,983,937	\$ 3,913,217	\$ 1,440,204	\$ 919,297	\$ 1,607,188

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Santa Clara	\$ 589,845	\$ 180,208	\$ 770,053	\$ 351,431	\$ 185,789	\$ 232,834
Campbell	\$ 108,343	\$ 112,769	\$ 221,112	\$ 64,944	\$ 68,210	\$ 87,959
Cupertino	\$ 177,170	\$ 155,743	\$ 332,913	\$ 115,960	\$ 82,665	\$ 134,288
Gilroy	\$ 156,362	\$ 143,588	\$ 299,951	\$ 45,537	\$ 105,557	\$ 148,857
Los Altos	\$ 81,463	\$ 79,658	\$ 161,121	\$ 115,505	\$ 25,198	\$ 20,418
Los Altos Hills	\$ 45,649	\$ 24,955	\$ 70,604	\$ 58,577	\$ 7,275	\$ 4,751
Los Gatos	\$ 117,212	\$ 85,010	\$ 202,222	\$ 87,619	\$ 32,350	\$ 82,253
Milpitas	\$ 202,092	\$ 197,475	\$ 399,567	\$ 79,213	\$ 91,475	\$ 228,878
Monte Sereno	\$ 11,807	\$ 10,118	\$ 21,925	\$ 3,786	\$ 32,137	\$ -
Morgan Hill	\$ 136,426	\$ 111,074	\$ 247,500	\$ 27,441	\$ 118,286	\$ 101,773
Mountain View	\$ 179,511	\$ 209,163	\$ 388,674	\$ 89,991	\$ 126,760	\$ 171,923
Palo Alto	\$ 239,837	\$ 180,518	\$ 420,355	\$ 188,274	\$ 74,197	\$ 157,884
San Jose	\$ 2,989,820	\$ 2,823,588	\$ 5,813,408	\$ 1,484,396	\$ 1,447,318	\$ 2,881,693
Santa Clara	\$ 288,251	\$ 327,957	\$ 616,207	\$ 253,638	\$ 204,096	\$ 158,473
Saratoga	\$ 121,571	\$ 88,308	\$ 209,879	\$ 57,441	\$ 86,563	\$ 65,874
Sunnyvale	\$ 330,769	\$ 387,625	\$ 718,394	\$ 349,845	\$ 150,824	\$ 217,725
COUNTY TOTAL	\$ 5,776,128	\$ 5,117,758	\$ 10,893,886	\$ 3,373,599	\$ 2,838,700	\$ 4,695,585

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(Inflated 1,000s)**

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Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Solano	\$ 341,161	\$ 163,624	\$ 504,785	\$ 139,082	\$ 164,145	\$ 201,558
Benicia	\$ 139,473	\$ 77,514	\$ 216,987	\$ 16,498	\$ 77,653	\$ 122,835
Dixon	\$ 63,647	\$ 48,588	\$ 112,234	\$ 5,743	\$ 53,569	\$ 52,922
Fairfield	\$ 372,162	\$ 292,423	\$ 664,585	\$ 105,943	\$ 254,985	\$ 303,658
Rio Vista	\$ 38,621	\$ 22,973	\$ 61,594	\$ 5,561	\$ 6,222	\$ 49,811
Suisun City	\$ 96,729	\$ 79,932	\$ 176,661	\$ 35,647	\$ 44,208	\$ 96,806
Vacaville	\$ 315,437	\$ 268,550	\$ 583,987	\$ 119,146	\$ 214,291	\$ 250,549
Vallejo	\$ 538,854	\$ 335,146	\$ 874,000	\$ 60,220	\$ 183,505	\$ 630,276
COUNTY TOTAL	\$ 1,906,084	\$ 1,288,751	\$ 3,194,835	\$ 487,841	\$ 998,578	\$ 1,708,415

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
County of Sonoma	\$ 1,963,525	\$ 385,667	\$ 2,349,192	\$ 205,983	\$ 655,279	\$ 1,487,931
Cloverdale	\$ 48,938	\$ 23,834	\$ 72,772	\$ 35,563	\$ 14,581	\$ 22,629
Cotati	\$ 36,903	\$ 20,633	\$ 57,536	\$ 2,671	\$ 23,464	\$ 31,401
Healdsburg	\$ 75,664	\$ 32,928	\$ 108,593	\$ 37,195	\$ 21,641	\$ 49,757
Petaluma	\$ 366,131	\$ 161,180	\$ 527,311	\$ 52,213	\$ 162,551	\$ 341,547
Rohnert Park	\$ 160,679	\$ 119,773	\$ 280,452	\$ 48,869	\$ 102,300	\$ 129,283
Santa Rosa	\$ 839,670	\$ 451,064	\$ 1,290,734	\$ 601,141	\$ 209,447	\$ 480,146
SEBASTOPOL	\$ 33,256	\$ 21,922	\$ 55,177	\$ 16,748	\$ 22,875	\$ 15,555
Sonoma	\$ 47,555	\$ 27,814	\$ 75,369	\$ 2,028	\$ 50,928	\$ 22,413
Windsor	\$ 126,193	\$ 74,393	\$ 200,586	\$ 20,859	\$ 86,066	\$ 93,661
COUNTY TOTAL	\$ 3,698,515	\$ 1,319,208	\$ 5,017,723	\$ 994,268	\$ 1,349,131	\$ 2,674,323

Jurisdiction	Pavement Needs	Non- Pavement Needs	Total System Preservation Needs	Committed Revenue	Plan Bay Area Investment Strategy*	Remaining System Preservation Needs to Meet Performance Target
Alameda	\$ 3,715,245	\$ 4,082,437	\$ 7,797,682	\$ 2,147,587	\$ 1,477,014	\$ 4,173,081
Contra Costa	\$ 3,111,346	\$ 2,674,212	\$ 5,785,558	\$ 2,914,794	\$ 1,078,936	\$ 1,791,829
Marin	\$ 864,832	\$ 641,477	\$ 1,506,309	\$ 654,672	\$ 332,981	\$ 523,087
Napa	\$ 1,087,116	\$ 428,822	\$ 1,515,938	\$ 704,995	\$ 457,632	\$ 368,422
San Francisco	\$ 2,415,717	\$ 2,362,721	\$ 4,778,438	\$ 2,298,843	\$ 487,602	\$ 1,991,992
San Mateo	\$ 1,929,281	\$ 1,983,937	\$ 3,913,217	\$ 1,440,204	\$ 919,297	\$ 1,607,188
Santa Clara	\$ 5,776,128	\$ 5,117,758	\$ 10,893,886	\$ 3,373,599	\$ 2,838,700	\$ 4,695,585
Solano	\$ 1,906,084	\$ 1,288,751	\$ 3,194,835	\$ 487,841	\$ 998,578	\$ 1,708,415
Sonoma	\$ 3,698,515	\$ 1,319,208	\$ 5,017,723	\$ 994,268	\$ 1,349,131	\$ 2,674,323
REGION	\$ 24,504,263	\$ 19,899,322	\$ 44,403,585	\$ 15,016,804	\$ 9,939,872	\$ 19,533,922

**Investment Strategy is functionally equivalent to LSR investments in Transportation 2035. Plan would provide funds to maintain current conditions of Pavement. Actual distribution of funds will be subject to OneBayArea Grant county distribution.*