

Recommendation 11

Vegetation Management Cost-Benefit Analysis

EHTM - Reliability

Fiscal Year 2007				1st Year After Project		
Feeder ID	Total CI 4/1/03-3/31/06	Average CI	Project Year 4/1/06-3/31/07	Total CI 4/1/07-3/31/08	Difference	% Improved
No EHTM for FY '07	-	-		-	-	-
Totals	-	-		-	-	-

Fiscal Year 2008				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/04-3/31/07	Average CI	Project Year 4/1/07-3/31/08	Total CI 4/1/08-3/31/09	Difference	% Improved	Total CI 4/1/09-3/31/10	Difference	% Improved	Total CI 4/1/10-3/31/11	Difference	% Improved
49_53_13F2	7,710	2,570		1	-2,569	-100.0%	60	-2,510	-97.7%	0	-2,570	-100.0%
49_53_34F2	8,160	2,720		200	-2,520	-92.6%	1,150	-1,570	-57.7%	757	-1,963	-72.2%
49_53_51F1	1,624	541		97	-444	-82.1%	358	-183	-33.9%	1	-540	-99.8%
49_53_69F1	7,942	2,647		223	-2,424	-91.6%	0	-2,647	-100.0%	3	-2,644	-99.9%
49_56_33F4	4,346	1,449		3,818	2,369	163.6%	1,345	-104	-7.2%	404	-1,045	-72.1%
49_56_54F1	30,968	10,323		5,344	-4,979	-48.2%	1,667	-8,656	-83.9%	1,389	-8,934	-86.5%
49_56_63F6	5,631	1,877		2,830	953	50.8%	2,897	1,020	54.3%	6,659	4,782	254.8%
Totals	66,381	22,127		12,513	-9,614	-43.4%	7,477	-14,650	-66.2%	9,213	-12,914	-58.4%

Fiscal Year 2009				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/05-3/31/08	Average CI	Project Year 4/1/08-3/31/09	Total CI 4/1/09-3/31/10	Difference	% Improved	Total CI 4/1/10-3/31/11	Difference	% Improved	Total CI 4/1/11-3/31/12	Difference	% Improved
49_53_102W51	17,532	5,844		15	-5,829	-99.7%	8	-5,836	-99.9%	0	-5,844	-100.0%
49_53_112W42	15,617	5,206		629	-4,577	-87.9%	2,642	-2,564	-49.2%	11,421	6,215	119.4%
49_53_2291	0	0		0	0	-	0	0	-	0	0	-
49_53_23F1	12,397	4,132		54	-4,078	-98.7%	174	-3,958	-95.8%	130	-4,002	-96.9%
49_53_38F1	9,353	3,118		724	-2,394	-76.8%	2,964	-154	-4.9%	486	-2,632	-84.4%
49_53_5F4	13,002	4,334		0	-4,334	-100.0%	0	-4,334	-100.0%	3,294	-1,040	-24.0%
49_56_22F4	3,271	1,090		35	-1,055	-96.8%	298	-792	-72.7%	26	-1,064	-97.6%
49_56_30F1	13,810	4,603		4,851	248	5.4%	2,639	-1,964	-42.7%	364	-4,239	-92.1%
49_56_52F3	11,293	3,764		240	-3,524	-93.6%	288	-3,476	-92.3%	251	-3,513	-93.3%
Totals	96,275	32,092		6,548	-25,544	-79.6%	9,013	-23,079	-71.9%	15,972	-16,120	-50.2%

Fiscal Year 2010				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/06-3/31/09	Average CI	Project Year 4/1/09-3/31/10	Total CI 4/1/10-3/31/11	Difference	% Improved	Total CI 4/1/11-3/31/12	Difference	% Improved	Total CI 4/1/12-3/31/13	Difference	% Improved
49_53_108W62	1,633	544		18	-526	-96.7%	1	-543	-99.8%	0	-544	-100.0%
49_53_20F2	3,983	1,328		0	-1,328	-100.0%	1	-1,327	-99.9%	0	-1,328	-100.0%
49_53_38F5	3,668	1,223		2,987	1,764	144.3%	186	-1,037	-84.8%	425	-798	-65.2%
49_53_5F2	35,343	11,781		495	-11,286	-95.8%	319	-11,462	-97.3%	2,549	-9,232	-78.4%
49_53_5F3	21,442	7,147		507	-6,640	-92.9%	161	-6,986	-97.7%	6	-7,141	-99.9%
49_53_7F1	14,814	4,938		0	-4,938	-100.0%	0	-4,938	-100.0%	56	-4,882	-98.9%
49_56_16F1	15,979	5,326		52	-5,274	-99.0%	1,650	-3,676	-69.0%	17	-5,309	-99.7%
49_56_17F2	11,037	3,679		234	-3,445	-93.6%	8,790	5,111	138.9%	22	-3,657	-99.4%
49_56_42F1	14,855	4,952		19	-4,933	-99.6%	1	-4,951	-100.0%	1,659	-3,293	-66.5%
49_56_43F1	7,505	2,502		1,208	-1,294	-51.7%	1,657	-845	-33.8%	1,161	-1,341	-53.6%
49_56_46F2	5,621	1,874		756	-1,118	-59.7%	261	-1,613	-86.1%	1,643	-231	-12.3%
49_56_59F4	2,223	741		362	-379	-51.1%	2	-739	-99.7%	84	-657	-88.7%
49_56_72F3	12,332	4,111		93	-4,018	-97.7%	3	-4,108	-99.9%	4,625	514	12.5%
Totals	150,435	50,145		6,731	-43,414	-86.6%	13,032	-37,113	-74.0%	12,247	-37,898	-75.6%

Fiscal Year 2011				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/07-3/31/10	Average CI	Project Year 4/1/10-3/31/11	Total CI 4/1/11-3/31/12	Difference	% Improved	Total CI 4/1/12-3/31/13	Difference	% Improved	Total CI 4/1/13-3/31/14	Difference	% Improved
49_53_38F5	3,399	1,133		186	-947	-83.6%	425	-708	-62.5%	202	-931	-82.2%
Totals	3,399	1,133		186	-947	-83.6%	425	-708	-62.5%	202	-931	-82.2%

Fiscal Year 2012				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/08-3/31/11	Average CI	Project Year 4/1/11-3/31/12	Total CI 4/1/12-3/31/13	Difference	% Improved	Total CI 4/1/13-3/31/14	Difference	% Improved	Total CI 4/1/14-3/31/15	Difference	% Improved
49_53_112W44	7,862	2,621		728	-1,893	-72.2%	37	-2,584	-98.6%	445	-2,176	-83.0%
49_53_126W41	1,202	401		978	577	144.1%	211	-190	-47.3%	302	-99	-24.6%
49_53_15F1	398	133		3	-130	-97.7%	11	-122	-91.7%	189	56	42.5%
49_53_34F3	7,350	2,450		18	-2,432	-99.3%	263	-2,187	-89.3%	333	-2,117	-86.4%
49_56_43F1	7,909	2,636		1,161	-1,475	-56.0%	0	-2,636	-100.0%	584	-2,052	-77.8%
49_56_59F4	1,083	361		84	-277	-76.7%	0	-361	-100.0%	6	-355	-98.3%
Totals	25,804	8,601		2,972	-5,629	-65.4%	522	-8,079	-93.9%	1,859	-6,742	-78.4%

Fiscal Year 2013				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/09-3/31/12	Average CI	Project Year 4/1/12-3/31/13	Total CI 4/1/13-3/31/14	Difference	% Improved	Total CI 4/1/14-3/31/15	Difference	% Improved	Total CI 4/1/15-3/31/16	Difference	% Improved
49_53_107W83	1	0		4	4	1100.0%	0	0	-100.0%	1,460	1,460	437900.0%
49_53_126W41	6,092	2,031		211	-1,820	-89.6%	302	-1,729	-85.1%	930	-1,101	-54.2%
49_53_15F1	2,769	923		11	-912	-98.8%	189	-734	-79.5%	158	-765	-82.9%
49_53_18F6	1,527	509		100	-409	-80.4%	245	-264	-51.9%	1,086	577	113.4%
49_53_27F1	273	91		2	-89	-97.8%	1,612	1,521	1671.4%	69	-22	-24.2%
49_53_38F4	127	42		41	-1	-3.1%	0	-42	-100.0%	187	145	341.7%
49_53_4F1	1,565	522		34	-488	-93.5%	146	-376	-72.0%	11	-511	-97.9%
49_53_4F2	4,122	1,374		199	-1,175	-85.5%	656	-718	-52.3%	97	-1,277	-92.9%
49_56_14F1	4,443	1,481		0	-1,481	-100.0%	85	-1,396	-94.3%	400	-1,081	-73.0%
49_56_22F2	2,571	857		977	120	14.0%	0	-857	-100.0%	57	-800	-93.3%
49_56_57J2	1	0		0	0	-100.0%	0	0	-100.0%	20	20	5900.0%
49_56_57J5	10	3		0	-3	-100.0%	0	-3	-100.0%	2	-1	-40.0%
49_56_68F3	15,917	5,306		163	-5,143	-96.9%	154	-5,152	-97.1%	463	-4,843	-91.3%
49_56_88F5	5,909	1,970		2,074	104	5.3%	1,258	-712	-36.1%	219	-1,751	-88.9%
Totals	45,327	15,109		3,816	-11,293	-74.7%	4,647	-10,462	-69.2%	5,159	-9,950	-65.9%

Fiscal Year 2014				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/10-3/31/13	Average CI	Project Year 4/1/13-3/31/14	Total CI 4/1/14-3/31/15	Difference	% Improved	Total CI 4/1/15-3/31/16	Difference	% Improved	Total CI 4/1/16-3/31/17	Difference	% Improved
49_53_112W42	12,044	4,015		0	-4,015	-100.0%	146	-3,869	-96.4%	1,064	-2,951	-73.5%
49_53_112W41	3,065	1,022		23	-999	-97.7%	0	-1,022	-100.0%	93	-929	-90.9%
49_53_18F7	5,169	1,723		0	-1,723	-100.0%	315	-1,408	-81.7%	22	-1,701	-98.7%
49_56_33F3	5,586	1,862		409	-1,453	-78.0%	813	-1,049	-56.3%	215	-1,647	-88.5%
49_56_33F1	4,294	1,431		177	-1,254	-87.6%	4,996	3,565	249.0%	1,396	-35	-2.5%
49_56_33F2	8,985	2,995		19	-2,976	-99.4%	3,518	523	17.5%	17	-2,978	-99.4%
49_56_38K23	0	0		0	0	-	0	0	-	0	0	#DIV/0!
Totals	39,143	13,048		628	-12,420	-95.2%	9,788	-3,260	-25.0%	2,807	-10,241	-78.5%

Fiscal Year 2015				1st Year After Project			2nd Year After Project		
Feeder ID	Total CI 4/1/11-3/31/14	Average CI	Project Year 4/1/14-3/31/15	Total CI 4/1/15-3/31/16	Difference	% Improved	Total CI 4/1/16-3/31/17	Difference	% Improved
49_53_21F1	462	154		848	694	450.6%	738	584	379.2%
49_53_21F2	315	105		87	-18	-17.1%	10	-95	-90.5%
49_53_21F4	2,359	786		67	-719	-91.5%	46	-740	-94.2%
49_53_34F2	9,043	3,014		6,448	3,434	113.9%	3,195	181	6.0%
49_53_38F1	2,461	820		2,593	1,773	216.1%	578	-242	-29.5%
49_56_54F1	4,937	1,646		1,853	207	12.6%	5,158	3,512	213.4%
49_56_63F3	3,539	1,180		181	-999	-84.7%	2,503	1,323	112.2%
49_56_63F6	3,214	1,071		503	-568	-53.0%	317	-754	-70.4%
49_56_85T3	6,377	2,126		218	-1,908	-89.7%	3,200	1,074	50.5%
Totals	32,707	10,902		12,798	1,896	17.4%	15,745	4,843	44.4%

Fiscal Year 2016				1st Year After Project		
Feeder ID	Total CI 4/1/12-3/31/15	Average CI	Project Year 4/1/15-3/31/16	Total CI 4/1/16-3/31/17	Difference	% Improved
49_56_40F1	1,028	343		0	-343	-100.0%
49_56_41F1	2,092	697		595	-102	-14.7%
49_56_88F3	3,215	1,072		123	-949	-88.5%
49_56_37W41	800	267		26	-241	-90.3%
49_56_37W42	294	98		0	-98	-100.0%
49_56_37W43	4,751	1,584		31	-1,553	-98.0%
Totals	12,180	4,060		775	-3,285	-80.9%

				1st Year After Project			2nd Year After Project			3rd Year After Project		
	Total CI	Average CI Before Project Year	Project Year	Average CI After Project Year	Difference	% Improved	Average CI 2 Years After	Difference	% Improved	Average CI 3 Years After	Difference	% Improved
Program Totals	-	2,184		652	-1,531	-70.1%	919	-1,265	-57.9%	833	-1,351	-61.9%

EHTM Summary

Project Year	EHTM Cost	Post-Project Year 1		Post-Project Year 2		Post-Project Year 3	
		Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
2008	\$ 579,857	9,614	\$ 60	12,132	\$ 48	12,393	\$ 47
2009	\$ 497,187	25,544	\$ 19	24,311	\$ 20	21,581	\$ 23
2010	\$ 486,681	43,387	\$ 11	40,264	\$ 12	39,476	\$ 12
2011	\$ 69,256	947	\$ 73	828	\$ 84	931	\$ 74
2012	\$ 560,213	5,630	\$ 98	6,854	\$ 82	6,817	\$ 82
2013	\$ 752,577	11,293	\$ 67	11,185	\$ 67	10,568	\$ 71
2014	\$ 474,608	12,420	\$ 38	7,840	\$ 61	8,640	\$ 55
2015	\$ 763,559	(1,896)	\$ (403)	(3,370)	\$ (227)	-	-
2016	\$ 646,253	3,285	\$ 197	-	-	-	-
Totals	\$ 4,830,191	110,224	\$ 44	100,044	\$ 42	100,406	\$ 34

Feeder	Annual AVG Repair Costs Pre-Project	Annual AVG Repair Costs Post-Project (3 Years Max.)	% Improvement
49_53_13F2	\$ 566	\$ 229	60%
49_53_34F2	\$ 1,877	\$ 601.32	68%
49_53_51F1	\$ 1,938	\$ 722	63%
49_53_69F1	\$ 203	\$ 655	-223%
49_56_33F4	\$ 745	\$ 1,137	-53%
49_56_54F1	\$ 6,040	\$ 5,701.32	6%
49_56_63F6	\$ 916	\$ 1,042	-14%
49_53_102W51	\$ 206	\$ -	100%
49_53_112W42	\$ 677	\$ 419	38%
49_53_2291	\$ -	\$ -	-
49_53_23F1	\$ 1,289	\$ 341	74%
49_53_38F1	\$ 2,014	\$ 2,176	-8%
49_53_5F4	\$ 1,166	\$ 206	82%
49_56_22F4	\$ 719	\$ 588	18%
49_56_30F1	\$ 3,959	\$ 772	80%
49_56_52F3	\$ 2,069	\$ 660	68%
49_53_108W62	\$ 41	\$ -	100%
49_53_20F2	\$ 63	\$ -	100%
49_53_38F5	\$ 1,504	\$ 2,449	-63%
49_53_5F2	\$ 1,202	\$ 1,330	-11%
49_53_5F3	\$ 538	\$ 951	-77%
49_53_7F1	\$ 41	\$ 332	-719%
49_56_16F1	\$ 1,095	\$ 1,845	-69%
49_56_17F2	\$ 462	\$ 1,817	-293%
49_56_42F1	\$ 1,617	\$ 1,601	1%
49_56_43F1	\$ 3,210	\$ 5,764	-80%
49_56_46F2	\$ 3,343	\$ 3,141	6%
49_56_59F4	\$ 462	\$ 319	31%
49_56_72F3	\$ 978	\$ 837	14%
49_53_38F5	\$ 1,129	\$ 3,970	-252%
49_53_112W44	\$ 6,381	\$ 4,561	29%
49_53_126W41	\$ 3,572	\$ 4,886	-37%
49_53_15F1	\$ 1,736	\$ 547	68%
49_53_34F3	\$ 8,601	\$ 9,928	-15%
49_56_43F1	\$ 11,830	\$ 8,906	25%
49_56_59F4	\$ 2,785	\$ 2,093	25%
49_53_107W83	\$ 99	\$ 656	-563%
49_53_126W41	\$ 5,213	\$ 5,863	-12%
49_53_15F1	\$ 5,805	\$ 2,530	56%
49_53_18F6	\$ 6,095	\$ 2,639	57%
49_53_27F1	\$ 1,669	\$ 1,688	-1%
49_53_38F4	\$ 3,192	\$ 2,262	29%
49_53_4F1	\$ 2,983	\$ 1,607	46%
49_53_4F2	\$ 6,061	\$ 4,666	23%
49_56_14F1	\$ 2,271	\$ 1,630	28%
49_56_22F2	\$ 3,261	\$ 570	83%
49_56_57J2	\$ 175	\$ 341	-95%
49_56_57J5	\$ 364	\$ 351	4%
49_56_68F3	\$ 8,453	\$ 8,705	-3%
49_56_88F5	\$ 7,802	\$ 11,634	-49%
49_53_112W42	\$ 4,250	\$ 2,212	48%
49_53_112W41	\$ 1,231	\$ 785	36%
49_53_18F7	\$ 2,031	\$ 732	64%
49_56_33F3	\$ 10,254	\$ 9,544	7%
49_56_33F1	\$ 4,860	\$ 3,033	38%
49_56_33F2	\$ 3,285	\$ 844	74%
49_56_38K23	\$ -	\$ -	-
49_53_21F1	\$ 3,699	\$ 4,403	-19%
49_53_21F2	\$ 4,327	\$ 2,310	47%
49_53_21F4	\$ 1,260	\$ 2,698	-114%
49_53_34F2	\$ 16,866	\$ 15,762	7%
49_53_38F1	\$ 11,533	\$ 16,554	-44%
49_56_54F1	\$ 18,195	\$ 26,480	-46%
49_56_63F3	\$ 5,167	\$ 5,934	-15%
49_56_63F6	\$ 9,486	\$ 12,526	-32%
49_56_85T3	\$ 10,222	\$ 7,737	24%
49_56_40F1	\$ 122	\$ -	100%
49_56_41F1	\$ 11,113	\$ 6,169	44%
49_56_88F3	\$ 8,613	\$ 7,294	15%
49_56_37W41	\$ 1,689	\$ 3,031	-79%
49_56_37W42	\$ 969	\$ -	100%
49_56_37W43	\$ 512	\$ 768	-50%
Totals	\$ 258,103	\$ 244,481	5%

EHTM FY 08

Feeder	Estimated Repairs FY 05	Estimated Repairs FY 06	Estimated Repairs FY 07	Total Repair Cost FY 05-07	3 Year Average	Project Year	Estimated Repairs FY 09	Estimated Repairs FY 10	Estimated Repairs FY 11	Estimated Repairs FY 12	Estimated Repairs FY 13	Total Repair Cost FY 09-13	5 Year Average	4 Year Average	3 Year Average
49_53_13F2	\$ 524	\$ -	\$ 1,173	\$ 1,698	\$ 566		\$ -	\$ 687	\$ -	\$ 768	\$ 297	\$ 1,752	\$ 350	\$ 364	\$ 229
49_53_34F2	\$ 1,132	\$ 3,729	\$ 770	\$ 5,632	\$ 1,877		\$ 995	\$ 95	\$ 714	\$ 1,549	\$ 15,947	\$ 19,300	\$ 3,860	\$ 838	\$ 601
49_53_51F1	\$ 2,059	\$ 1,132	\$ 2,622	\$ 5,814	\$ 1,938		\$ 995	\$ 524	\$ 646	\$ 768	\$ 2,394	\$ 5,327	\$ 1,065	\$ 733	\$ 722
49_53_69F1	\$ 122	\$ 486	\$ -	\$ 608	\$ 203		\$ 1,467	\$ -	\$ 498	\$ -	\$ -	\$ 1,965	\$ 393	\$ 491	\$ 655
49_56_33F4	\$ 1,642	\$ 95	\$ 498	\$ 2,235	\$ 745		\$ 1,685	\$ 95	\$ 1,630	\$ 1,455	\$ 17,011	\$ 21,875	\$ 4,375	\$ 1,216	\$ 1,137
49_56_54F1	\$ 5,671	\$ 7,028	\$ 5,422	\$ 18,121	\$ 6,040		\$ 4,442	\$ 7,413	\$ 5,249	\$ 3,434	\$ 29,724	\$ 50,262	\$ 10,052	\$ 5,134	\$ 5,701
49_56_63F6	\$ 592	\$ 2,156	\$ -	\$ 2,749	\$ 916		\$ 1,496	\$ -	\$ 1,630	\$ 2,557	\$ 18,790	\$ 24,473	\$ 4,895	\$ 1,421	\$ 1,042
Totals	\$ 11,743	\$ 14,626	\$ 10,486	\$ 36,855	\$ 12,285		\$ 11,081	\$ 8,814	\$ 10,366	\$ 10,530	\$ 84,163	\$ 124,954	\$ 24,991	\$ 10,198	\$ 10,087

		Post-Project Year 1		Post-Project Year 2		Post-Project Year 3		Post-Project Year 4		Post-Project Year 5	
Feeder	EHTM Cost	Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
49_53_13F2	\$ 50,988	2,569	\$ 20	2,540	\$ 20	2,550	\$ 20	2,475	\$ 21	2,494	\$ 20
49_53_34F2	\$ 146,946	2,520	\$ 58	2,045	\$ 72	2,018	\$ 73	130	\$ 1,130	91	\$ 1,615
49_53_51F1	\$ 30,747	444	\$ 69	314	\$ 98	389	\$ 79	427	\$ 72	391	\$ 79
49_53_69F1	\$ 30,531	2,424	\$ 13	2,536	\$ 12	2,572	\$ 12	2,574	\$ 12	2,588	\$ 12
49_56_33F4	\$ 61,295	(2,369)	\$ (26)	(1,133)	\$ (54)	(407)	\$ (151)	(79)	\$ (775)	46	\$ 1,332
49_56_54F1	\$ 144,649	4,979	\$ 29	6,817	\$ 21	7,523	\$ 19	7,613	\$ 19	7,814	\$ 19
49_56_63F6	\$ 114,700	(953)	\$ (120)	(987)	\$ (116)	(2,252)	\$ (51)	(1,396)	\$ (82)	(853)	\$ (134)
Totals	\$ 579,857	9,614	\$ 60	12,132	\$ 48	12,393	\$ 47	11,744	\$ 49	12,571	\$ 46

* Numbers shown in red represent an increase from established baseline value

EHTM FY 09

Feeder	Estimated Repairs FY 06	Estimated Repairs FY 07	Estimated Repairs FY 08	Total Repair Cost FY 06-08	3 Year Average	Project Year	Estimated Repairs FY 10	Estimated Repairs FY 11	Estimated Repairs FY 12	Estimated Repairs FY 13	Total Repair Cost FY 10-13	4 Year Average	3 Year Average
49_53_102W51	\$ 498	\$ -	\$ 122	\$ 619	\$ 206		\$ -	\$ -	\$ -	\$ 8,391	\$ 8,391	\$ 2,098	\$ -
49_53_112W42	\$ 95	\$ 1,936	\$ -	\$ 2,031	\$ 677		\$ -	\$ 687	\$ 568	\$ 2,491	\$ 3,747	\$ 937	\$ 419
49_53_2291	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -		\$ -	\$ -	\$ -
49_53_23F1	\$ 1,952	\$ 1,146	\$ 768	\$ 3,866	\$ 1,289		\$ 498	\$ 524	\$ -	\$ 498	\$ 1,520	\$ 380	\$ 341
49_53_38F1	\$ 3,232	\$ 768	\$ 2,044	\$ 6,043	\$ 2,014		\$ 2,758	\$ 3,001	\$ 768	\$ 8,892	\$ 15,419	\$ 3,855	\$ 2,176
49_53_5F4	\$ 782	\$ 995	\$ 1,722	\$ 3,499	\$ 1,166		\$ -	\$ -	\$ 619	\$ 1,494	\$ 2,113	\$ 528	\$ 206
49_56_22F4	\$ 1,185	\$ 687	\$ 284	\$ 2,156	\$ 719		\$ -	\$ 498	\$ 1,265	\$ 2,800	\$ 4,563	\$ 1,141	\$ 588
49_56_30F1	\$ 3,887	\$ -	\$ 7,991	\$ 11,878	\$ 3,959		\$ 714	\$ 581	\$ 1,022	\$ 7,580	\$ 9,897	\$ 2,474	\$ 772
49_56_52F3	\$ 1,549	\$ 2,868	\$ 1,789	\$ 6,206	\$ 2,069		\$ 687	\$ 524	\$ 768	\$ 3,327	\$ 5,306	\$ 1,327	\$ 660
Totals	\$ 13,180	\$ 8,401	\$ 14,719	\$ 36,300	\$ 12,100		\$ 4,657	\$ 5,816	\$ 5,010	\$ 35,473	\$ 15,482	\$ 12,739	\$ 5,161

Feeder	EHTM Cost	Post-Project Year 1		Post-Project Year 2		Post-Project Year 3		Post-Project Year 4	
		Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
49_53_102W51	\$ 37,142	5,829	\$ 6	5,833	\$ 6	5,836	\$ 6	5,775	\$ 6
49_53_112W42	\$ 19,657	4,577	\$ 4	3,570	\$ 6	308	\$ 64	673	\$ 29
49_53_2291	\$ 9,909	-	N/A	-	N/A	-	N/A	-	N/A
49_53_23F1	\$ 119,084	4,078	\$ 29	4,018	\$ 30	4,013	\$ 30	4,042	\$ 29
49_53_38F1	\$ 116,579	2,394	\$ 49	1,274	\$ 92	1,726	\$ 68	1,615	\$ 72
49_53_5F4	\$ 15,119	4,334	\$ 3	4,334	\$ 3	3,236	\$ 5	3,504	\$ 4
49_56_22F4	\$ 78,906	1,055	\$ 75	924	\$ 85	971	\$ 81	994	\$ 79
49_56_30F1	\$ 47,915	(248)	\$ (193)	858	\$ 56	1,985	\$ 24	2,498	\$ 19
49_56_52F3	\$ 52,877	3,524	\$ 15	3,500	\$ 15	3,505	\$ 15	3,544	\$ 15
Totals	\$ 497,187	25,544	\$ 19	24,311	\$ 20	21,581	\$ 23	22,645	\$ 22

* Numbers shown in red represent an increase from established baseline value

EHM FY 10

Feeder	Estimated Repairs FY 07	Estimated Repairs FY 08	Estimated Repairs FY 09	Total Repair Cost FY 07-09	3 Year Average	Project Year	Estimated Repairs FY 11	Estimated Repairs FY 12	Estimated Repairs FY 13	Total Repair Cost FY 11-13	3 Year Average
49_53_108W62	\$ -	\$ -	\$ 122	\$ 122	\$ 41		\$ -	\$ -	\$ -	\$ -	\$ -
49_53_20F2	\$ 95	\$ 95	\$ -	\$ 189	\$ 63		\$ -	\$ -	\$ -	\$ -	\$ -
49_53_38F5	\$ 1,185	\$ 1,185	\$ 2,142	\$ 4,511	\$ 1,504		\$ 809	\$ -	\$ 6,538	\$ 7,347	\$ 2,449
49_53_5F2	\$ 1,022	\$ 714	\$ 1,870	\$ 3,606	\$ 1,202		\$ 1,022	\$ 498	\$ 2,470	\$ 3,990	\$ 1,330
49_53_5F3	\$ 498	\$ 1,117	\$ -	\$ 1,614	\$ 538		\$ 1,372	\$ 687	\$ 794	\$ 2,853	\$ 951
49_53_7F1	\$ -	\$ 122	\$ -	\$ 122	\$ 41		\$ -	\$ -	\$ 995	\$ 995	\$ 332
49_56_16F1	\$ 122	\$ 1,535	\$ 1,627	\$ 3,284	\$ 1,095		\$ 687	\$ 216	\$ 4,632	\$ 5,535	\$ 1,845
49_56_17F2	\$ -	\$ 1,387	\$ -	\$ 1,387	\$ 462		\$ 524	\$ 122	\$ 4,804	\$ 5,450	\$ 1,817
49_56_42F1	\$ -	\$ 1,941	\$ 2,910	\$ 4,851	\$ 1,617		\$ -	\$ -	\$ 4,803	\$ 4,803	\$ 1,601
49_56_43F1	\$ -	\$ 1,227	\$ 8,403	\$ 9,630	\$ 3,210		\$ 862	\$ 1,333	\$ 15,096	\$ 17,291	\$ 5,764
49_56_46F2	\$ 2,936	\$ 3,298	\$ 3,796	\$ 10,030	\$ 3,343		\$ 1,999	\$ 1,185	\$ 6,241	\$ 9,424	\$ 3,141
49_56_59F4	\$ 524	\$ 365	\$ 498	\$ 1,387	\$ 462		\$ 95	\$ -	\$ 863	\$ 958	\$ 319
49_56_72F3	\$ 524	\$ 1,842	\$ 567	\$ 2,933	\$ 978		\$ 498	\$ -	\$ 2,014	\$ 2,512	\$ 837
Totals	\$ 6,906	\$ 14,825	\$ 21,934	\$ 43,665	\$ 14,555		\$ 7,868	\$ 4,040	\$ 49,250	\$ 11,908	\$ 20,386

Feeder	EHM Cost	Post-Project Year 1		Post-Project Year 2		Post-Project Year 3	
		Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
49_53_108W62	\$ 53,967	526	\$ 103	535	\$ 101	538	\$ 100
49_53_20F2	\$ 39,097	1,328	\$ 29	1,327	\$ 29	1,328	\$ 29
49_53_38F5	\$ 4,537	(1,764)	\$ (3)	(364)	\$ (12)	24	\$ 189
49_53_5F2	\$ 6,093	11,286	\$ 1	11,374	\$ 1	10,660	\$ 1
49_53_5F3	\$ 6,430	6,640	\$ 1	6,813	\$ 1	6,922	\$ 1
49_53_7F1	\$ 10,371	4,938	\$ 2	4,938	\$ 2	4,919	\$ 2
49_56_16F1	\$ 21,373	5,247	\$ 4	4,475	\$ 5	4,753	\$ 4
49_56_17F2	\$ 46,582	3,445	\$ 14	(833)	\$ (56)	664	\$ 70
49_56_42F1	\$ 22,319	4,933	\$ 5	4,942	\$ 5	4,392	\$ 5
49_56_43F1	\$ 8,938	1,294	\$ 7	1,069	\$ 8	1,160	\$ 8
49_56_46F2	\$ 216,051	1,118	\$ 193	1,365	\$ 158	987	\$ 219
49_56_59F4	\$ 5,704	379	\$ 15	559	\$ 10	592	\$ 10
49_56_72F3	\$ 45,221	4,018	\$ 11	4,063	\$ 11	2,537	\$ 18
Totals	\$ 486,681	43,387	\$ 11	40,264	\$ 12	39,476	\$ 12

* Numbers shown in red represent an increase from established baseline value

EHTM FY 11

Feeder	Estimated Repairs FY 08	Estimated Repairs FY 09	Estimated Repairs FY 10	Total Repair Cost FY 08-10	3 Year Average	Project Year	Estimated Repairs FY 12	Estimated Repairs FY 13	Estimated Repairs FY 14	Total Repair Cost FY 12-14	3 Year Average
49_53_38F5	\$ 1,184.78	\$ 2,203.50	\$ -	\$ 3,388.28	\$ 1,129.43		\$ -	\$ 5,946	\$ 5,964	\$ 11,910.10	\$ 3,970.03
Totals	\$ 1,184.78	\$ 2,203.50	\$ -	\$ 3,388.28	\$ 1,129.43		\$ -	\$ 5,946	\$ 5,964	\$ 11,910.10	\$ 3,970.03

Feeder	EHTM Cost	Post-Project Year 1		Post-Project Year 2		Post-Project Year 3	
		Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
49_53_38F5	\$ 69,256	947	\$ 73	828	\$ 84	862	\$ 80
Totals	\$ 69,256	947	\$ 73	828	\$ 84	862	\$ 80

* Numbers shown in red represent an increase from established baseline value

EHTM FY 12

Feeder	Estimated Repairs FY 09	Estimated Repairs FY 10	Estimated Repairs FY 11	Total Repair Cost FY 09-11	3 Year Average	Project Year	Estimated Repairs FY 13	Estimated Repairs FY 14	Estimated Repairs FY 15	Total Repair Cost FY 13-15	3 Year Average
49_53_112W44	\$ 3,137	\$ 5,858	\$ 10,148	\$ 19,143	\$ 6,381		\$ 3,344	\$ 2,423	\$ 7,915	\$ 13,682	\$ 4,560.71
49_53_126W41	\$ 3,958	\$ 1,469	\$ 5,290	\$ 10,717	\$ 3,572		\$ 2,974	\$ 3,610	\$ 8,074	\$ 14,658	\$ 4,885.93
49_53_15F1	\$ 1,520	\$ 1,481	\$ 2,207	\$ 5,208	\$ 1,736		\$ -	\$ 498	\$ 1,144	\$ 1,642	\$ 547.22
49_53_34F3	\$ 9,444	\$ 8,338	\$ 8,020	\$ 25,802	\$ 8,601		\$ 5,412	\$ 7,570	\$ 16,803	\$ 29,785	\$ 9,928.33
49_56_43F1	\$ 15,808	\$ 9,794	\$ 9,888	\$ 35,490	\$ 11,830		\$ 14,433	\$ 5,011	\$ 7,274	\$ 26,718	\$ 8,905.95
49_56_59F4	\$ 2,113	\$ 768	\$ 5,475	\$ 8,356	\$ 2,785		\$ 863	\$ 4,919	\$ 498	\$ 6,280	\$ 2,093.32
Totals	\$ 35,980	\$ 27,708	\$ 41,028	\$ 104,716	\$ 34,905		\$ 27,026	\$ 24,030	\$ 41,708	\$ 92,764	\$ 30,921.46

Feeder	EHTM Cost	Post-Project Year 1		Post-Project Year 2		Post-Project Year 3	
		Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
49_53_112W44	\$ 124,828	1,893	\$ 66	2,239	\$ 56	2,218	\$ 56
49_53_126W41	\$ 8,579	(577)	\$ (15)	(194)	\$ (44)	(96)	\$ (89)
49_53_15F1	\$ 4,993	130	\$ 38	126	\$ 40	65	\$ 77
49_53_34F3	\$ 269,885	2,432	\$ 111	2,310	\$ 117	2,245	\$ 120
49_56_43F1	\$ 91,683	1,475	\$ 62	2,056	\$ 45	2,054	\$ 45
49_56_59F4	\$ 49,217	277	\$ 178	319	\$ 154	331	\$ 149
Totals	\$ 549,185	5,630	\$ 98	6,854	\$ 80	6,817	\$ 81

* Numbers shown in red represent an increase from established baseline value

EHTM FY 13

Feeder	Estimated Repairs FY 10	Estimated Repairs FY 11	Estimated Repairs FY 12	Total Repair Cost FY 10-12	3 Year Average	Project Year	Estimated Repairs FY 14	Estimated Repairs FY 15	Estimated Repairs FY 16	Total Repair Cost FY 14-16	3 Year Average
49_53_107W83	\$ 297	\$ -	\$ -	\$ 297	\$ 99		\$ 284	\$ -	\$ 1,682	\$ 1,967	\$ 656
49_53_126W41	\$ 1,469	\$ 5,290	\$ 8,879	\$ 15,638	\$ 5,213		\$ 3,610	\$ 8,074	\$ 5,906	\$ 17,590	\$ 5,863
49_53_15F1	\$ 1,562	\$ 12,755	\$ 3,097	\$ 17,414	\$ 5,805		\$ 498	\$ 1,144	\$ 5,947	\$ 7,589	\$ 2,530
49_53_18F6	\$ 9,078	\$ 4,576	\$ 4,631	\$ 18,285	\$ 6,095		\$ 1,968	\$ 3,164	\$ 2,785	\$ 7,916	\$ 2,639
49_53_27F1	\$ 1,992	\$ 1,952	\$ 1,064	\$ 5,008	\$ 1,669		\$ 498	\$ 1,265	\$ 3,301	\$ 5,063	\$ 1,688
49_53_38F4	\$ 4,290	\$ 1,254	\$ 4,032	\$ 9,576	\$ 3,192		\$ 1,952	\$ -	\$ 4,833	\$ 6,785	\$ 2,262
49_53_4F1	\$ 1,388	\$ 6,041	\$ 1,520	\$ 8,948	\$ 2,983		\$ 1,588	\$ 1,254	\$ 1,980	\$ 4,822	\$ 1,607
49_53_4F2	\$ 11,145	\$ 3,244	\$ 3,796	\$ 18,184	\$ 6,061		\$ 2,678	\$ 4,444	\$ 6,877	\$ 13,999	\$ 4,666
49_56_14F1	\$ 1,979	\$ 3,780	\$ 1,053	\$ 6,812	\$ 2,271		\$ -	\$ 2,720	\$ 2,170	\$ 4,890	\$ 1,630
49_56_22F2	\$ 6,053	\$ 2,721	\$ 1,011	\$ 9,784	\$ 3,261		\$ 1,185	\$ -	\$ 524	\$ 1,709	\$ 570
49_56_57J2	\$ -	\$ -	\$ 524	\$ 524	\$ 175		\$ -	\$ -	\$ 1,022	\$ 1,022	\$ 341
49_56_57J5	\$ -	\$ 524	\$ 567	\$ 1,091	\$ 364		\$ -	\$ -	\$ 1,053	\$ 1,053	\$ 351
49_56_68F3	\$ 14,791	\$ 2,638	\$ 7,931	\$ 25,359	\$ 8,453		\$ 7,713	\$ 4,263	\$ 14,139	\$ 26,114	\$ 8,705
49_56_88F5	\$ 8,734	\$ 10,360	\$ 4,313	\$ 23,406	\$ 7,802		\$ 12,336	\$ 10,614	\$ 11,951	\$ 34,901	\$ 11,634
Totals	\$ 62,776	\$ 55,136	\$ 42,416	\$ 160,328	\$ 53,443		\$ 34,308	\$ 36,942	\$ 64,170	\$ 135,419	\$ 45,140

Feeder	EHTM Cost	Post-Project Year 1		Post-Project Year 2		Post-Project Year 3	
		Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
49_53_107W83	\$ 7,202	(4)	\$ (1,801)	(2)	\$ (3,601)	(488)	\$ (15)
49_53_126W41	\$ 97,531	1820	\$ 54	1775	\$ 55	1550	\$ 63
49_53_15F1	\$ 70,793	912	\$ 78	823	\$ 86	804	\$ 88
49_53_18F6	\$ 27,102	409	\$ 66	337	\$ 80	32	\$ 847
49_53_27F1	\$ 39,806	89	\$ 447	(716)	\$ (56)	(470)	\$ (85)
49_53_38F4	\$ 16,659	1	\$ 16,659	22	\$ 757	-34	\$ (490)
49_53_4F1	\$ 30,664	488	\$ 63	432	\$ 71	458	\$ 67
49_53_4F2	\$ 114,713	1175	\$ 98	947	\$ 121	1057	\$ 109
49_56_14F1	\$ 39,024	1481	\$ 26	1439	\$ 27	1319	\$ 30
49_56_22F2	\$ 24,264	(120)	\$ (202)	369	\$ 66	512	\$ 47
49_56_57J2	\$ 17,907	-	N/A	-	N/A	-7	\$ (2,689)
49_56_57J5	\$ 30,528	3	\$ 10,176	3	\$ 10,176	2	\$ 13,102
49_56_68F3	\$ 135,354	5143	\$ 26	5148	\$ 26	5046	\$ 27
49_56_88F5	\$ 101,030	(104)	\$ (971)	608	\$ 166	786	\$ 128
Totals	\$ 752,577	11293	\$ 67	11185	\$ 67	10568	\$ 71

* Numbers shown in red represent an increase from established baseline value

EHTM FY 14

Feeder	Estimated Repairs FY 11	Estimated Repairs FY 12	Estimated Repairs FY 13	Total Repair Cost FY 11-13	3 Year Average	Project Year	Estimated Repairs FY 15	Estimated Repairs FY 16	Estimated Repairs FY 17	Total Repair Cost FY 15-17	3 Year Average
49_53_112W42	\$ 2,305	\$ 7,860	\$ 2,586	\$ 12,751	\$ 4,250		\$ -	\$ 3,351	\$ 3,285	\$ 6,637	\$ 2,212.30
49_53_112W41	\$ 2,305	\$ 619	\$ 768	\$ 3,692	\$ 1,231		\$ 687	\$ -	\$ 1,668	\$ 2,355	\$ 785.02
49_53_18F7	\$ 524	\$ 4,776	\$ 794	\$ 6,094	\$ 2,031		\$ -	\$ 1,793	\$ 403	\$ 2,196	\$ 732.13
49_56_33F3	\$ 11,685	\$ 6,596	\$ 12,481	\$ 30,762	\$ 10,254		\$ 12,853	\$ 9,141	\$ 6,639	\$ 28,633	\$ 9,544.42
49_56_33F1	\$ 10,328	\$ 1,022	\$ 3,231	\$ 14,581	\$ 4,860		\$ 2,584	\$ 3,730	\$ 2,786	\$ 9,100	\$ 3,033.41
49_56_33F2	\$ 4,533	\$ 2,997	\$ 2,326	\$ 9,856	\$ 3,285		\$ 995	\$ 851	\$ 687	\$ 2,533	\$ 844.30
49_56_38K23	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	\$ -
Totals	\$ 31,680	\$ 23,870	\$ 22,186	\$ 77,736	\$ 25,912		\$ 17,119	\$ 18,868	\$ 15,468	\$ 51,455	\$ 17,151.58

Feeder	EHTM Cost	Post-Project Year 1		Post-Project Year 2		Post-Project Year 3	
		Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
49_53_112W42	\$ 92,668	4015	\$ 23	3942	\$ 24	3612	\$ 26
49_53_112W41	\$ 39,034	999	\$ 39	1011	\$ 39	983	\$ 40
49_53_18F7	\$ 5,163	1723	\$ 3	1566	\$ 3	1611	\$ 3
49_56_33F3	\$ 141,315	1453	\$ 97	1251	\$ 113	1383	\$ 102
49_56_33F1	\$ 91,906	1254	\$ 73	(1156)	\$ (80)	(759)	\$ (121)
49_56_33F2	\$ 72,807	2976	\$ 24	1227	\$ 59	1810	\$ 40
49_56_38K23	\$ 31,714	0	\$ -	0	\$ -	0	\$ -
Totals	\$ 474,608	12420	\$ 38	7841	\$ 61	8640	\$ 55

* Numbers shown in red represent an increase from established baseline value

EHTM FY 15

Feeder	Estimated Repairs FY 12	Estimated Repairs FY 13	Estimated Repairs FY 14	Total Repair Cost FY 12-14	3 Year Average	Project Year	Estimated Repairs FY 16	Estimated Repairs FY 17	Total Repair Cost FY 15-17	2 Year Average
49_53_21F1	\$ 2,747	\$ 7,329	\$ 1,022	\$ 11,097	\$ 3,699		\$ 4,673	4,132.36	\$ 8,806	\$ 4,403
49_53_21F2	\$ 4,612	\$ 5,729	\$ 2,639	\$ 12,981	\$ 4,327		\$ 2,679	1,940.80	\$ 4,619	\$ 2,310
49_53_21F4	\$ 323	\$ 3,457	\$ -	\$ 3,781	\$ 1,260		\$ 4,708	687.13	\$ 5,396	\$ 2,698
49_53_34F2	\$ 26,761	\$ 14,940	\$ 8,898	\$ 50,599	\$ 16,866		\$ 15,131	16,392.45	\$ 31,524	\$ 15,762
49_53_38F1	\$ 7,044	\$ 16,128	\$ 11,428	\$ 34,600	\$ 11,533		\$ 14,475	18,631.95	\$ 33,107	\$ 16,554
49_56_54F1	\$ 16,518	\$ 27,755	\$ 10,313	\$ 54,585	\$ 18,195		\$ 23,705	29,255.95	\$ 52,961	\$ 26,480
49_56_63F3	\$ 10,262	\$ 5,239	\$ -	\$ 15,501	\$ 5,167		\$ 3,244	8,624.45	\$ 11,869	\$ 5,934
49_56_63F6	\$ 11,957	\$ 16,502	\$ -	\$ 28,458	\$ 9,486		\$ 5,938	19,113.28	\$ 25,051	\$ 12,526
49_56_85T3	\$ 7,101	\$ 19,437	\$ 4,130	\$ 30,667	\$ 10,222		\$ 7,642	7,831.15	\$ 15,473	\$ 7,737
Totals	\$ 87,325	\$ 116,514	\$ 38,430	\$ 242,269	\$ 80,756		\$ 82,196	\$ 106,610	\$ 188,806	\$ 94,403

Feeder	EHTM Cost	Post-Project Year 1		Post-Project Year 2	
		Δ CI	\$ / Δ CI	Δ CI	\$ / Δ CI
49_53_21F1	\$ 67,131	(694)	\$ (97)	(639)	\$ (105)
49_53_21F2	\$ 37,702	18	\$ 2,095	57	\$ 661
49_53_21F4	\$ 42,923	719	\$ 60	730	\$ 59
49_53_34F2	\$ 172,182	(3434)	\$ (50)	(1808)	\$ (95)
49_53_38F1	\$ 59,060	(1773)	\$ (33)	(766)	\$ (77)
49_56_54F1	\$ 120,155	(207)	\$ (580)	(1860)	\$ (65)
49_56_63F3	\$ 81,794	999	\$ 82	(162)	\$ (505)
49_56_63F6	\$ 124,211	568	\$ 219	661	\$ 188
49_56_85T3	\$ 58,400	1908	\$ -	417	\$ 140
Totals	\$ 763,559	(1896)	\$ (403)	(3370)	\$ (226.58)

EHTM FY 16

Feeder	Estimated Repairs FY 13	Estimated Repairs FY 14	Estimated Repairs FY 15	Total Repair Cost FY 13-15	3 Year Average	Project Year	Estimated Repairs FY 17
49_56_40F1	\$ -	\$ 365	\$ -	\$ 365	\$ 122		\$ -
49_56_41F1	\$ 16,097	\$ 4,471	\$ 12,770	\$ 33,338	\$ 11,113		\$ 6,169
49_56_88F3	\$ 17,392	\$ 5,887	\$ 2,562	\$ 25,840	\$ 8,613		\$ 7,294
49_56_37W41	\$ 3,449	\$ 1,132	\$ 486	\$ 5,067	\$ 1,689		\$ 3,031
49_56_37W42	\$ 687	\$ -	\$ 2,219	\$ 2,906	\$ 969		\$ -
49_56_37W43	\$ -	\$ -	\$ 1,535	\$ 1,535	\$ 512		\$ 768
Totals	\$ 37,625	\$ 11,854	\$ 19,573	\$ 69,051	\$ 23,017		\$ 17,261

		Post-Project Year 1	
Feeder	EHTM Cost	Δ CI	\$ / Δ CI
49_56_40F1	\$ 119,073	343	\$ 347
49_56_41F1	\$ 177,355	102	\$ 1,739
49_56_88F3	\$ 95,965	949	\$ 101
49_56_37W41	\$ 177,167	241	\$ 735
49_56_37W42	\$ 32,282	98	\$ 329
49_56_37W43	\$ 44,412	1553	\$ 29
Totals	\$ 646,253	3286	\$ 197

Cycle Pruning - Reliability

Fiscal Year 2007				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/03-3/31/06	Average CI	Project Year 4/1/06-3/31/07	Total CI 4/1/07-3/31/08	Difference	% Improved	Total CI 4/1/08-3/31/09	Difference	% Improved	Total CI 4/1/09-3/31/10	Difference	% Improved
49_53_102W44	508	169		0	-169	-100.0%	0	-169	-100.0%	0	-169	-100.0%
49_53_102W51	24,357	8,119		553	-7,566	-93.2%	838	-7,281	-89.7%	15	-8,104	-99.8%
49_53_108W51	0	0		0	0	0.0%	1	1	0.0%	0	0	0.0%
49_53_108W53	3,743	1,248		1	-1,247	-99.9%	77	-1,171	-93.8%	101	-1,147	-91.9%
49_53_108W55	0	0		0	0	0.0%	0	0	0.0%	2	2	0.0%
49_53_108W61	76	25		0	-25	-100.0%	0	-25	-100.0%	86	61	239.5%
49_53_108W62	16,197	5,399		0	-5,399	-100.0%	1,586	-3,813	-70.6%	1,592	-3,807	-70.5%
49_53_108W63	22	7		0	-7	-100.0%	7,908	7,901	107736.4%	5	-2	-31.8%
49_53_108W65	3	1		3	2	200.0%	0	-1	-100.0%	1	0	0.0%
49_53_126W40	20	7		0	-7	-100.0%	3	-4	-55.0%	34	27	410.0%
49_53_126W50	5,493	1,831		19,108	17,277	943.6%	220	-1,611	-88.0%	1,846	15	0.8%
49_53_127W40	1,618	539		548	9	1.6%	262	-277	-51.4%	8,195	7,656	1419.5%
49_53_127W42	513	171		0	-171	-100.0%	0	-171	-100.0%	0	-171	-100.0%
49_53_15F2	6,151	2,050		8,790	6,740	328.7%	10,634	8,584	418.6%	596	-1,454	-70.9%
49_53_17W43	2,635	878		0	-878	-100.0%	0	-878	-100.0%	0	-878	-100.0%
49_53_18F1	97	32		225	193	595.9%	3,883	3,851	11909.3%	196	164	506.2%
49_53_18F2	9	3		0	-3	-100.0%	0	-3	-100.0%	79	76	2533.3%
49_53_18F3	372	124		203	79	63.7%	1	-123	-99.2%	63	-61	-49.2%
49_53_18F7	108	36		9	-27	-75.0%	9	-27	-75.0%	0	-36	-100.0%
49_53_18F8	20	7		0	-7	-100.0%	60	53	800.0%	106	99	1490.0%
49_53_18F9	0	0		0	0	0.0%	0	0	0.0%	51	51	0.0%
49_53_20F1	0	0		0	0	0.0%	1,284	1,284	0.0%	0	0	0.0%
49_53_20F2	10,027	3,342		1,985	-1,357	-40.6%	10	-3,332	-99.7%	2	-3,340	-99.9%
49_53_21F1	12,841	4,280		554	-3,726	-87.1%	65	-4,215	-98.5%	170	-4,110	-96.0%
49_53_21F2	79	26		34	8	29.1%	37	11	40.5%	1,182	1,156	4388.6%
49_53_21F4	18	6		16	10	166.7%	109	103	1716.7%	22	16	266.7%
49_53_23F1	3,229	1,076		2,465	1,389	129.0%	2,707	1,631	151.5%	54	-1,022	-95.0%
49_53_23F4	15	5		0	-5	-100.0%	0	-5	-100.0%	0	-5	-100.0%
49_53_27F1	11,283	3,761		49	-3,712	-98.7%	2,599	-1,162	-30.9%	182	-3,579	-95.2%
49_53_34F1	10,609	3,536		1,388	-2,148	-60.8%	907	-2,629	-74.4%	3,098	-438	-12.4%
49_53_37J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_37J2	28	9		17	8	82.1%	12	3	28.6%	140	131	1400.0%
49_53_37J3	43	14		0	-14	-100.0%	0	-14	-100.0%	0	-14	-100.0%
49_53_37J4	32	11		0	-11	-100.0%	0	-11	-100.0%	0	-11	-100.0%
49_53_38F1	9,921	3,307		4,846	1,539	46.5%	449	-2,858	-86.4%	724	-2,583	-78.1%
49_53_38F3	7,844	2,615		67	-2,548	-97.4%	3,989	1,374	52.6%	248	-2,367	-90.5%
49_53_77J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_77J2	29	10		1	-9	-89.7%	0	-10	-100.0%	0	-10	-100.0%
49_53_77J3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_77J4	518	173		0	-173	-100.0%	0	-173	-100.0%	0	-173	-100.0%
49_53_9J2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_9J3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_16F2	515	172		419	247	144.1%	197	25	14.8%	5	-167	-97.1%
49_56_16J2	14	5		0	-5	-100.0%	0	-5	-100.0%	0	-5	-100.0%
49_56_17F1	342	114		4	-110	-96.5%	34	-80	-70.2%	31	-83	-72.8%
49_56_30F2	3,086	1,029		321	-708	-68.8%	360	-669	-65.0%	9,122	8,093	786.8%
49_56_33F3	2,881	960		1,864	904	94.1%	1,480	520	54.1%	973	13	1.3%
49_56_36W41	99	33		3	-30	-90.9%	52	19	57.6%	128	95	287.9%
49_56_36W42	206	69		12	-57	-82.5%	1	-68	-98.5%	27	-42	-60.7%
49_56_36W43	34	11		12	1	5.9%	39	28	244.1%	7	-4	-38.2%
49_56_36W44	1,516	505		151	-354	-70.1%	1	-504	-99.8%	13	-492	-97.4%
49_56_3F1	9,631	3,210		9	-3,201	-99.7%	198	-3,012	-93.8%	6,876	3,666	114.2%
49_56_42F1	183	61		14,361	14,300	23442.6%	204	143	234.4%	223	162	265.6%
49_56_45J2	0	0		148	148	0.0%	0	0	0.0%	9	9	0.0%
49_56_45J6	32	11		198	187	1756.3%	124	113	1062.5%	0	-11	-100.0%
49_56_46F1	1,191	397		175	-222	-55.9%	14	-383	-96.5%	647	250	63.0%
49_56_46F2	7,023	2,341		975	-1,366	-58.4%	1,109	-1,232	-52.6%	503	-1,838	-78.5%
49_56_46F3	5,393	1,798		540	-1,258	-70.0%	230	-1,568	-87.2%	231	-1,567	-87.2%
49_56_46F4	512	171		18	-153	-89.5%	8	-163	-95.3%	288	117	68.8%
49_56_59F2	312	104		1	-103	-99.0%	681	577	554.8%	10	-94	-90.4%
49_56_59F3	542	181		533	352	195.0%	5,004	4,823	2669.7%	834	653	361.6%
49_56_63F2	360	120		2	-118	-98.3%	620	500	416.7%	10	-110	-91.7%
49_56_65J2	2,393	798		72	-726	-91.0%	0	-798	-100.0%	2	-796	-99.7%
49_56_68F4	1,291	430		188	-242	-56.3%	90	-340	-79.1%	204	-226	-52.6%
49_56_72F2	469	156		0	-156	-100.0%	25	-131	-84.0%	282	126	80.4%
Totals	166,483	55,494		60,868	5,374	9.7%	48,121	-7,373	-13.3%	39,215	-16,279	-29.3%

Fiscal Year 2008				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/04-3/31/07	Average CI	Project Year 4/1/07-3/31/08	Total CI 4/1/08-3/31/09	Difference	% Improved	Total CI 4/1/09-3/31/10	Difference	% Improved	Total CI 4/1/10-3/31/11	Difference	% Improved
49_53_102K22	18	6		0	-6	-100.0%	0	-6	-100.0%	0	-6	-100.0%
49_53_102W41	1,186	395		0	-395	-100.0%	0	-395	-100.0%	0	-395	-100.0%
49_53_102W42	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_53_102W50	0	0		14	14	0.0%	0	0	0%	0	0	0%
49_53_102W52	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_53_12J6	87	29		0	-29	-100.0%	62	33	113.8%	0	-29	-100.0%
49_53_13F2	7,710	2,570		1	-2,569	-100.0%	60	-2,510	-97.7%	0	-2,570	-100.0%
49_53_13F3	194	65		0	-65	-100.0%	0	-65	-100.0%	0	-65	-100.0%
49_53_13F4	160	53		99	46	85.6%	1	-52	-98.1%	19	-34	-64.4%
49_53_13F9	53	18		0	-18	-100.0%	133	115	652.8%	11	-7	-37.7%
49_53_15F1	228	76		242	166	218.4%	7	-69	-90.8%	149	73	96.1%
49_53_27F5	46	15		0	-15	-100.0%	393	378	2463.0%	70	55	356.5%
49_53_28J1	120	40		89	49	122.5%	0	-40	-100.0%	22	-18	-45.0%
49_53_2J7	0	0		0	0	0.0%	0	0	0%	1	1	0%
49_53_34F2	8,160	2,720		200	-2,520	-92.6%	1,150	-1,570	-57.7%	757	-1,963	-72.2%
49_53_34F3	3,015	1,005		2,541	1,536	152.8%	8,074	7,069	703.4%	4,327	3,322	330.5%
49_53_37J5	748	249		32	-217	-87.2%	17	-232	-93.2%	0	-249	-100.0%
49_53_47J1	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_53_47J2	0	0		0	0	0.0%	1	1	0%	2	2	0%
49_53_47J3	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_53_47J4	49	16		2,225	2,209	13522.4%	0	-16	-100.0%	50	34	206.1%
49_53_48F1	3,631	1,210		0	-1,210	-100.0%	0	-1,210	-100.0%	179	-1,031	-85.2%
49_53_48F2	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_53_48F5	202	67		2	-65	-97.0%	40	-27	-40.6%	71	4	5.4%
49_53_48F6	132	44		0	-44	-100.0%	1	-43	-97.7%	2,826	2,782	6322.7%
49_53_4F1	1,718	573		589	16	2.9%	45	-528	-92.1%	3,390	2,817	492.0%
49_53_51F1	1,624	541		97	-444	-82.1%	358	-183	-33.9%	1	-540	-99.8%
49_53_51F2	576	192		0	-192	-100.0%	430	238	124.0%	209	17	8.9%
49_53_51F3	6,785	2,262		713	-1,549	-68.5%	218	-2,044	-90.4%	867	-1,395	-61.7%
49_53_5F1	13,329	4,443		1,068	-3,375	-76.0%	33	-4,410	-99.3%	192	-4,251	-95.7%
49_53_5F2	905	302		7,385	7,083	2348.1%	109	-193	-63.9%	495	193	64.1%
49_53_5F3	11,557	3,852		3	-3,849	-99.9%	2	-3,850	-99.9%	507	-3,345	-86.8%
49_53_5F4	3,414	1,138		0	-1,138	-100.0%	0	-1,138	-100.0%	0	-1,138	-100.0%
49_53_66J2	43	14		0	-14	-100.0%	0	-14	-100.0%	0	-14	-100.0%
49_53_66J4	20	7	0	-7	-100.0%	807	800	12005.0%	0	-7	-100.0%	
49_53_69F1	7,942	2,647	223	-2,424	-91.6%	0	-2,647	-100.0%	3	-2,644	-99.9%	
49_53_69F3	12,432	4,144	37	-4,107	-99.1%	1	-4,143	-100.0%	16	-4,128	-99.6%	
49_53_6J6	0	0	0	0	0.0%	0	0	0%	59	59	0%	
49_53_71J1	764	255	2	-253	-99.2%	37	-218	-85.5%	0	-255	-100.0%	
49_53_71J2	0	0	0	0	0.0%	0	0	0%	0	0	0%	
49_53_71J3	0	0	0	0	0.0%	0	0	0%	0	0	0%	
49_53_71J4	62	21	1	-20	-95.2%	0	-21	-100.0%	0	-21	-100.0%	
49_53_71J5	25	8	0	-8	-100.0%	0	-8	-100.0%	0	-8	-100.0%	
49_53_76F1	1,981	660	28	-632	-95.8%	1	-659	-99.8%	5	-655	-99.2%	
49_53_78F3	938	313	1	-312	-99.7%	1	-312	-99.7%	2,082	1,769	565.9%	

49_53_78F4	154	51		0	-51	-100.0%	2	-49	-96.1%	8,302	8,251	16072.7%
49_53_79F1	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_53_79F2	6	2		0	-2	-100.0%	49	47	2350.0%	0	-2	-100.0%
49_53_7F1	7,509	2,503		14	-2,489	-99.4%	1	-2,502	-100.0%	0	-2,503	-100.0%
49_53_7F2	60	20		0	-20	-100.0%	0	-20	-100.0%	0	-20	-100.0%
49_56_122J4	5,894	1,965		0	-1,965	-100.0%	0	-1,965	-100.0%	0	-1,965	-100.0%
49_56_131J2	227	76		0	-76	-100.0%	0	-76	-100.0%	0	-76	-100.0%
49_56_131J4	1,573	524		0	-524	-100.0%	0	-524	-100.0%	0	-524	-100.0%
49_56_146J14	712	237		1,437	1,200	505.5%	0	-237	-100.0%	0	-237	-100.0%
49_56_146J2	657	219		130	-89	-40.6%	0	-219	-100.0%	0	-219	-100.0%
49_56_14F2	2,340	780		0	-780	-100.0%	108	-672	-86.2%	9,680	8,900	1141.0%
49_56_14F3	926	309		0	-309	-100.0%	2	-307	-99.4%	6,168	5,859	1898.3%
49_56_16J1	2	1		0	-1	-100.0%	0	-1	-100.0%	0	-1	-100.0%
49_56_16J3	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_56_17F2	156	52		22	-30	-57.7%	16	-36	-69.2%	234	182	350.0%
49_56_17F3	124	41		5,230	5,189	12553.2%	99	58	139.5%	39	-2	-5.6%
49_56_19J16	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_56_21J4	5,155	1,718		0	-1,718	-100.0%	923	-795	-46.3%	0	-1,718	-100.0%
49_56_22F1	145	48		1	-47	-97.9%	1	-47	-97.9%	86	38	77.9%
49_56_22F3	150	50		1	-49	-98.0%	18	-32	-64.0%	140	90	180.0%
49_56_22F4	936	312		154	-158	-50.6%	35	-277	-88.8%	298	-14	-4.5%
49_56_23J2	1,314	438		0	-438	-100.0%	0	-438	-100.0%	4,576	4,138	944.7%
49_56_23J4	0	0		0	0	0.0%	1	1	0%	4,566	4,566	0%
49_56_29F1	2,268	756		75	-681	-90.1%	1	-755	-99.9%	108	-648	-85.7%
49_56_29F2	0	0		0	0	0.0%	3	3	0%	0	0	0%
49_56_31J1	0	0		0	0	0.0%	0	0	0%	0	0	0%
49_56_33F1	128	43		101	58	136.7%	31	-12	-27.3%	8,067	8,024	18807.0%
49_56_33F2	4,061	1,354		45	-1,309	-96.7%	49	-1,305	-96.4%	11,320	9,966	736.2%
49_56_36W42	207	69		1	-68	-98.6%	27	-42	-60.9%	0	-69	-100.0%
49_56_37J2	555	185		0	-185	-100.0%	0	-185	-100.0%	0	-185	-100.0%
49_56_37W41	975	325		5	-320	-98.5%	1	-324	-99.7%	14	-311	-95.7%
49_56_37W42	200	67		73	6	9.5%	1	-66	-98.5%	435	368	552.5%
49_56_37W43	563	188		376	188	100.4%	28	-160	-85.1%	64	-124	-65.9%
49_56_40F1	3,020	1,007		101	-906	-90.0%	1,010	3	0.3%	14	-993	-98.6%
49_56_52F1	165	55		684	629	1143.6%	323	268	487.3%	54	-1	-1.8%
49_56_52F2	163	54		16	-38	-70.6%	3,390	3,336	6139.3%	72	18	32.5%
49_56_57J3	23	8		117	109	1426.1%	0	-8	-100.0%	2	-6	-73.9%
49_56_61F1	657	219		0	-219	-100.0%	0	-219	-100.0%	4	-215	-98.2%
49_56_61F3	94	31		283	252	803.2%	83	52	164.9%	1,598	1,567	5000.0%
49_56_63F3	1,223	408		593	185	45.5%	6,819	6,411	1572.7%	3,066	2,658	652.1%
49_56_63F4	113	38		25	-13	-33.6%	208	170	452.2%	24	-14	-36.3%
49_56_63F5	206	69		54	-15	-21.4%	12	-57	-82.5%	122	53	77.7%
49_56_63F6	5,631	1,877		2,830	953	50.8%	2,897	1,020	54.3%	6,659	4,782	254.8%
49_56_65J12	16	5		78	73	1362.5%	0	-5	-100.0%	2	-3	-62.5%
49_56_72F1	21	7		0	-7	-100.0%	15	8	114.3%	0	-7	-100.0%
49_56_72F4	358	119		107	-12	-10.3%	201	82	68.4%	220	101	84.4%
49_56_83F2	1,924	641		1,811	1,170	182.4%	18	-623	-97.2%	64	-577	-90.0%
49_56_84T1	1,529	510		0	-510	-100.0%	0	-510	-100.0%	0	-510	-100.0%
49_56_85T1	403	134		377	243	180.6%	3	-131	-97.8%	91	-43	-32.3%
49_56_87F1	0	0		0	0	0.0%	0	0	0%	1	1	0%
Totals	142,397	47,466		30,333	-17,133	-36.1%	28,356	-19,110	-40.3%	82,400	34,934	73.6%

Fiscal Year 2009				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/05-3/31/08	Average CI	Project Year 4/1/08-3/31/09	Total CI 4/1/09-3/31/10	Difference	% Improved	Total CI 4/1/10-3/31/11	Difference	% Improved	Total CI 4/1/11-3/31/12	Difference	% Improved
49_53_102W54	13,821	4,607		0	-4,607	-100.0%	66	-4,541	-98.6%	1	-4,606	-100.0%
49_53_104J1	593	198		0	-198	-100.0%	0	-198	-100.0%	0	-198	-100.0%
49_53_104J5	1,077	359		0	-359	-100.0%	0	-359	-100.0%	0	-359	-100.0%
49_53_106J1	32	11		0	-11	-100.0%	0	-11	-100.0%	0	-11	-100.0%
49_53_107W43	593	198		28	-170	-85.8%	0	-198	-100.0%	0	-198	-100.0%
49_53_107W50	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_107W53	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_107W60	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_107W61	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_107W62	82	27		0	-27	-100.0%	0	-27	-100.0%	0	-27	-100.0%
49_53_107W63	562	187		1,392	1,205	643.1%	0	-187	-100.0%	0	-187	-100.0%
49_53_107W65	0	0		0	0	0.0%	0	0	0.0%	10	10	0.0%
49_53_107W66	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_107W81	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_107W83	18	6		1	-5	-83.3%	0	-6	-100.0%	0	-6	-100.0%
49_53_107W84	5	2		0	-2	-100.0%	0	-2	-100.0%	0	-2	-100.0%
49_53_108W60	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_109J5	3,420	1,140		0	-1,140	-100.0%	0	-1,140	-100.0%	1,506	366	32.1%
49_53_112W43	21	7		58	51	728.6%	32	25	357.1%	2,878	2,871	41014.3%
49_53_112W44	8,171	2,724		11,165	8,441	309.9%	1,034	-1,690	-62.0%	795	-1,929	-70.8%
49_53_126W41	6,770	2,257		454	-1,803	-79.9%	686	-1,571	-69.6%	11,646	9,389	416.1%
49_53_127W41	3,782	1,261		23	-1,238	-98.2%	442	-819	-64.9%	142	-1,119	-88.7%
49_53_12J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_12J2	0	0		0	0	0.0%	3	3	0.0%	0	0	0.0%
49_53_12J3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_12J4	58	19		0	-19	-100.0%	0	-19	-100.0%	0	-19	-100.0%
49_53_12J5	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_13F5	136	45		0	-45	-100.0%	0	-45	-100.0%	97	52	114.0%
49_53_17W42	84	28		0	-28	-100.0%	0	-28	-100.0%	0	-28	-100.0%
49_53_18F5	52	17		0	-17	-100.0%	0	-17	-100.0%	0	-17	-100.0%
49_53_18F6	749	250	1,389	1,139	456.3%	280	30	12.1%	225	-25	-9.9%	
49_53_23F2	2,520	840	19	-821	-97.7%	259	-581	-69.2%	407	-433	-51.5%	
49_53_23F3	455	152	83	-69	-45.3%	246	94	62.2%	696	544	358.9%	
49_53_23F4	15	5	0	-5	-100.0%	82	77	1540.0%	0	-5	-100.0%	
49_53_23F5	3	1	0	-1	-100.0%	0	-1	-100.0%	0	-1	-100.0%	
49_53_27F6	26	9	0	-9	-100.0%	1	-8	-88.5%	1	-8	-88.5%	
49_53_36J1	1	0	0	0	-100.0%	0	0	-100.0%	0	0	-100.0%	
49_53_36J2	0	0	0	0	0.0%	0	0	0.0%	2	2	0.0%	
49_53_36J4	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_36J5	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_38F2	54	18	0	-18	-100.0%	82	64	355.6%	21	3	16.7%	
49_53_38F4	379	126	28	-98	-77.8%	29	-97	-77.0%	70	-56	-44.6%	
49_53_38F5	1,203	401	34	-367	-91.5%	2,987	2,586	644.9%	513	112	27.9%	
49_53_38F6	12	4	63	59	1475.0%	55	51	1275.0%	369	365	9125.0%	
49_53_45F2	3,344	1,115	75	-1,040	-93.3%	150	-965	-86.5%	768	-347	-31.1%	
49_53_48F3	8,350	2,783	97	-2,686	-96.5%	91	-2,692	-96.7%	2,697	-86	-3.1%	
49_53_48F4	268	89	46	-43	-48.5%	81	-8	-9.3%	185	96	107.1%	
49_53_4F2	9,373	3,124	3,086	-38	-1.2%	348	-2,776	-88.9%	902	-2,222	-71.1%	
49_53_50J1	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_50J3	102	34	0	-34	-100.0%	0	-34	-100.0%	0	-34	-100.0%	
49_53_66J1	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_66J3	0	0	0	0	0.0%	0	0	0.0%	1	1	0.0%	
49_53_66J5	387	129	0	-129	-100.0%	0	-129	-100.0%	50	-79	-61.2%	
49_53_6J2	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_6J5	1,584	528	0	-528	-100.0%	0	-528	-100.0%	0	-528	-100.0%	
49_53_73J1	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_73J2	37	12	0	-12	-100.0%	0	-12	-100.0%	0	-12	-100.0%	
49_53_73J3	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_73J4	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_73J5	24	8	0	-8	-100.0%	0	-8	-100.0%	1	-7	-87.5%	
49_53_76F2	70	23	2	-21	-91.4%	0	-23	-100.0%	2	-21	-91.4%	
49_53_76F4	43	14	0	-14	-100.0%	0	-14	-100.0%	75	61	423.3%	
49_53_76F6	114	38	0	-38	-100.0%	0	-38	-100.0%	0	-38	-100.0%	
49_53_76F7	57	19	0	-19	-100.0%	2,205	2,186	11505.3%	22	3	15.8%	
49_53_9J1	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_9J5	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	

49_56_122J2	6,179	2,060		0	-2,060	-100.0%	0	-2,060	-100.0%	0	-2,060	-100.0%
49_56_122J6	4,252	1,417		0	-1,417	-100.0%	0	-1,417	-100.0%	0	-1,417	-100.0%
49_56_131J12	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_131J14	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_131J6	692	231		0	-231	-100.0%	1	-230	-99.6%	0	-231	-100.0%
49_56_154J14	14	5		0	-5	-100.0%	0	-5	-100.0%	0	-5	-100.0%
49_56_154J16	26	9		0	-9	-100.0%	0	-9	-100.0%	0	-9	-100.0%
49_56_154J18	0	0		0	0	0.0%	47	47	0.0%	0	0	0.0%
49_56_154J2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_154J6	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_154J8	0	0		0	0	0.0%	0	0	0.0%	220	220	0.0%
49_56_19J14	0	0		0	0	0.0%	537	537	0.0%	0	0	0.0%
49_56_19J2	4,252	1,417		0	-1,417	-100.0%	4,558	3,141	221.6%	42	-1,375	-97.0%
49_56_21J2	4,277	1,426		0	-1,426	-100.0%	0	-1,426	-100.0%	0	-1,426	-100.0%
49_56_21J6	4,253	1,418		0	-1,418	-100.0%	0	-1,418	-100.0%	0	-1,418	-100.0%
49_56_23J12	0	0		0	0	0.0%	5,032	5,032	0.0%	0	0	0.0%
49_56_23J14	9	3		0	-3	-100.0%	6,055	6,052	201733.3%	0	-3	-100.0%
49_56_23J6	0	0		0	0	0.0%	4,558	4,558	0.0%	0	0	0.0%
49_56_31J2	8	3		0	-3	-100.0%	0	-3	-100.0%	0	-3	-100.0%
49_56_32J12	6,174	2,058		0	-2,058	-100.0%	4	-2,054	-99.8%	0	-2,058	-100.0%
49_56_32J14	0	0		28	28	0.0%	1	1	0.0%	0	0	0.0%
49_56_32J2	926	309		0	-309	-100.0%	0	-309	-100.0%	0	-309	-100.0%
49_56_32J4	2,111	704		0	-704	-100.0%	0	-704	-100.0%	0	-704	-100.0%
49_56_33F4	7,613	2,538		1,345	-1,193	-47.0%	404	-2,134	-84.1%	544	-1,994	-78.6%
49_56_37J4	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_38J2	35	12		0	-12	-100.0%	0	-12	-100.0%	0	-12	-100.0%
49_56_38J4	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_41F1	1,529	510		654	144	28.3%	127	-383	-75.1%	263	-247	-48.4%
49_56_49J1	60	20		216	196	980.0%	0	-20	-100.0%	0	-20	-100.0%
49_56_49J2	224	75		50	-25	-33.0%	0	-75	-100.0%	0	-75	-100.0%
49_56_49J3	0	0		0	0	0.0%	0	0	0.0%	20	20	0.0%
49_56_49J4	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_51J12	0	0		0	0	0.0%	4,558	4,558	0.0%	0	0	0.0%
49_56_51J14	0	0		0	0	0.0%	4,558	4,558	0.0%	0	0	0.0%
49_56_51J16	34	11		21	10	85.3%	4,558	4,547	40117.6%	0	-11	-100.0%
49_56_51J2	6	2		26	24	1200.0%	4,558	4,556	227800.0%	0	-2	-100.0%
49_56_54F1	20,426	6,809		1,667	-5,142	-75.5%	1,389	-5,420	-79.6%	2,439	-4,370	-64.2%
49_56_57J2	13	4		0	-4	-100.0%	0	-4	-100.0%	1	-3	-76.9%
49_56_57J4	0	0		0	0	0.0%	0	0	0.0%	1	1	0.0%
49_56_57J5	80	27		0	-27	-100.0%	8	-19	-70.0%	2	-25	-92.5%
49_56_59F1	467	156		443	287	184.6%	444	288	185.2%	264	108	69.6%
49_56_59F4	5,324	1,775		747	-1,028	-57.9%	362	-1,413	-79.6%	2	-1,773	-99.9%
49_56_61F2	195	65		75	10	15.4%	4,613	4,548	6996.9%	24	-41	-63.1%
49_56_61F4	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_64F1	105	35		4	-31	-88.6%	201	166	474.3%	2,044	2,009	5740.0%
49_56_64F2	68	23		0	-23	-100.0%	443	420	1854.4%	176	153	676.5%
49_56_68F3	3,031	1,010		5,857	4,847	479.7%	162	-848	-84.0%	13,089	12,079	1195.5%
49_56_72F5	9,563	3,188		16	-3,172	-99.5%	56	-3,132	-98.2%	231	-2,957	-92.8%
49_56_72F6	35	12		140	128	1100.0%	35	23	200.0%	6	-6	-48.6%
49_56_83F1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_83F3	4	1		0	-1	-100.0%	0	-1	-100.0%	0	-1	-100.0%
49_56_84T2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_84T4	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_56_85T3	635	212		8,995	8,783	4149.6%	551	339	160.3%	4,949	4,737	2238.1%
49_56_87F2	18	6		0	-6	-100.0%	0	-6	-100.0%	0	-6	-100.0%
49_56_87F4	0	0		0	0	0.0%	0	0	0.0%	335	335	0.0%
Totals	151,085	50,362		38,327	-12,035	-23.9%	56,979	6,617	13.1%	48,734	-1,628	-3.2%

Fiscal Year 2010				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/06-3/31/09	Average CI	Project Year 4/1/09-3/31/10	Total CI 4/1/10-3/31/11	Difference	% Improved	Total CI 4/1/11-3/31/12	Difference	% Improved	Total CI 4/1/12-3/31/13	Difference	% Improved
49_53_104J3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_104J7	0	0		0	0	0.0%	0	0	0.0%	1,140	1,140	0.0%
49_53_106J3	1,886	629		0	-629	-100.0%	0	-629	-100.0%	0	-629	-100.0%
49_53_106J7	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_107W51	84	28		0	-28	-100.0%	0	-28	-100.0%	1	-27	-96.4%
49_53_107W80	0	0		0	0	0.0%	0	0	0.0%	1	1	0.0%
49_53_108W61	1,491	497		34	-463	-93.2%	0	-497	-100.0%	0	-497	-100.0%
49_53_108W62	1,633	544		18	-526	-96.7%	1	-543	-99.8%	0	-544	-100.0%
49_53_108W63	7,916	2,639		1	-2,638	-100.0%	21	-2,618	-99.2%	122	-2,517	-95.4%
49_53_109J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_109J3	0	0		0	0	0.0%	28	28	0.0%	1,273	1,273	0.0%
49_53_1119	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_111J1	0	0		0	0	0.0%	0	0	0.0%	1	1	0.0%
49_53_111J3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_1123	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_1125	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_112W41	127	42		5,284	5,242	12381.9%	800	758	1789.8%	68	26	60.6%
49_53_112W42	14,150	4,717		2,642	-2,075	-44.0%	11,421	6,704	142.1%	3,440	-1,277	-27.1%
49_53_1131	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_1133	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_113J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_113J2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_126W42	7	2		0	-2	-100.0%	16	14	585.7%	7	5	200.0%
49_53_126W51	1,054	351		44	-307	-87.5%	260	-91	-26.0%	10	-341	-97.2%
49_53_127W40	2,511	837		1,198	361	43.1%	1,049	212	25.3%	262	-575	-68.7%
49_53_148J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_148J3	0	0		1,560	1,560	0.0%	40	40	0.0%	0	0	0.0%
49_53_148J5	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_148J7	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_18F3	8,741	2,914		360	-2,554	-87.6%	70	-2,844	-97.6%	22	-2,892	-99.2%
49_53_21F1	905	302		490	188	62.4%	266	-36	-11.8%	228	-74	-24.4%
49_53_23F1	11,875	3,958		174	-3,784	-95.6%	130	-3,828	-96.7%	1	-3,957	-100.0%
49_53_23F2	2,559	853		259	-594	-69.6%	407	-446	-52.3%	217	-636	-74.6%
49_53_23F3	730	243		246	3	1.1%	696	453	186.0%	95	-148	-61.0%
49_53_23F6	13,842	4,614		128	-4,486	-97.2%	121	-4,493	-97.4%	2,500	-2,114	-45.8%
49_53_24J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_28J2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_2J1	0	0		17	17	0.0%	31	31	0.0%	0	0	0.0%
49_53_2J3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_2J4	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_2J5	0	0		0	0	0.0%	0	0	0.0%	1	1	0.0%
49_53_30J1	0	0		0	0	0.0%	883	883	0.0%	0	0	0.0%
49_53_30J3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_30J5	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_34F1	2,879	960		1,265	305	31.8%	9,409	8,449	880.4%	2,173	1,213	126.4%
49_53_50F2	1,660	553		1	-552	-99.8%	0	-553	-100.0%	47	-506	-91.5%
49_53_50J2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_60J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_60J3	0	0		0	0	0.0%	0	0	0.0%	1	1	0.0%
49_53_60J5	0	0		0	0	0.0%	0	0	0.0%	11	11	0.0%
49_53_67J1	0	0	4	4	0.0%	0	0	0.0%	395	395	0.0%	
49_53_6J1	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_6J3	3	1	0	-1	-100.0%	0	-1	-100.0%	0	-1	-100.0%	
49_53_6J7	1	0	0	0	-100.0%	0	0	-100.0%	5	5	1400.0%	
49_53_6J8	0	0	0	0	0.0%	0	0	0.0%	0	0	0.0%	
49_53_73J6	8	3	0	-3	-100.0%	0	-3	-100.0%	1	-2	-62.5%	
49_53_76F5	19	6	0	-6	-100.0%	1	-5	-84.2%	0	-6	-100.0%	
49_53_7F4	2	1	15	14	2150.0%	0	-1	-100.0%	58	57	8600.0%	
49_56_14F1	612	204	12,405	12,201	5980.9%	5	-199	-97.5%	7	-197	-96.6%	
49_56_14F4	858	286	6,170	5,884	2057.3%	10	-276	-96.5%	0	-286	-100.0%	

49_56_16F1	15,979	5,326		52	-5,274	-99.0%	1,650	-3,676	-69.0%	17	-5,309	-99.7%
49_56_16F3	107	36		33	-3	-7.5%	0	-36	-100.0%	4	-32	-88.8%
49_56_16F4	10	3		2,199	2,196	65870.0%	27	24	710.0%	54	51	1520.0%
49_56_22F2	6,673	2,224		24	-2,200	-98.9%	20	-2,204	-99.1%	64	-2,160	-97.1%
49_56_30F1	14,760	4,920		2,639	-2,281	-46.4%	364	-4,556	-92.6%	567	-4,353	-88.5%
49_56_30F2	7,188	2,396		44	-2,352	-98.2%	207	-2,189	-91.4%	299	-2,097	-87.5%
49_56_42F1	14,855	4,952		19	-4,933	-99.6%	1	-4,951	-100.0%	1,659	-3,293	-66.5%
49_56_43F1	8,329	2,776		1,208	-1,568	-56.5%	1,657	-1,119	-40.3%	1,161	-1,615	-58.2%
49_56_46F2	5,621	1,874		756	-1,118	-59.7%	261	-1,613	-86.1%	1,643	-231	-12.3%
49_56_46F3	1,808	603		10	-593	-98.3%	99	-504	-83.6%	560	-43	-7.1%
49_56_52F3	6,754	2,251		288	-1,963	-87.2%	251	-2,000	-88.9%	103	-2,148	-95.4%
49_56_57J1	0	0		0	0	0.0%	0	0	0.0%	9	9	0.0%
49_56_68F1	4,755	1,585		1,032	-553	-34.9%	708	-877	-55.3%	1,305	-280	-17.7%
49_56_68F2	5,094	1,698		680	-1,018	-60.0%	960	-738	-43.5%	645	-1,053	-62.0%
49_56_68F4	399	133		319	186	139.8%	16	-117	-88.0%	57	-76	-57.1%
49_56_86F1	163	54		0	-54	-100.0%	6,930	6,876	12654.6%	111	57	104.3%
49_56_88F1	709	236		645	409	172.9%	472	236	99.7%	217	-19	-8.2%
49_56_88F3	1,026	342		754	412	120.5%	7,899	7,557	2209.6%	2,506	2,164	632.7%
49_56_88F5	4,245	1,415		10,449	9,034	638.4%	1,153	-262	-18.5%	264	-1,151	-81.3%
Totals	174,028	58,009		53,466	-4,543	-7.8%	48,340	-9,669	-16.7%	23,332	-34,677	-64.9%

Fiscal Year 2011				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/07-3/31/10	Average CI	Project Year 4/1/10-3/31/11	Total CI 4/1/11-3/31/12	Difference	% Improved	Total CI 4/1/12-3/31/13	Difference	% Improved	Total CI 4/1/13-3/31/14	Difference	% Improved
49_53_102W44	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_102W51	1,406	469		0	-469	-100.0%	255	-214	-45.6%	89	-380	-81.0%
49_53_107W85	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_108W51	1	0		0	0	-100.0%	33	33	9800.0%	0	0	-100.0%
49_53_108W53	179	60		303	243	407.8%	86	26	44.1%	0	-60	-100.0%
49_53_108W55	2	1		845	844	126650.0%	0	-1	-100.0%	0	-1	-100.0%
49_53_108W65	4	1		0	-1	-100.0%	0	-1	-100.0%	0	-1	-100.0%
49_53_126W40	37	12		34	22	175.7%	0	-12	-100.0%	8	-4	-35.1%
49_53_126W50	21,174	7,058		346	-6,712	-95.1%	20	-7,038	-99.7%	1,076	-5,982	-84.8%
49_53_126W54	8,128	2,709		0	-2,709	-100.0%	0	-2,709	-100.0%	0	-2,709	-100.0%
49_53_127W42	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_15F2	20,020	6,673		859	-5,814	-87.1%	2,189	-4,484	-67.2%	197	-6,476	-97.0%
49_53_17W43	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_18F1	4,304	1,435		45	-1,390	-96.9%	430	-1,005	-70.0%	75	-1,360	-94.8%
49_53_18F7	18	6		4,036	4,030	67166.7%	183	177	2950.0%	10	4	66.7%
49_53_18F8	166	55		31	-24	-44.0%	164	109	196.4%	2	-53	-96.4%
49_53_18F9	51	17		3	-14	-82.4%	60	43	252.9%	0	-17	-100.0%
49_53_20F1	1,284	428		0	-428	-100.0%	1	-427	-99.8%	757	329	76.9%
49_53_20F2	1,997	666		1	-665	-99.8%	0	-666	-100.0%	0	-666	-100.0%
49_53_21F2	1,253	418		67	-351	-84.0%	46	-372	-89.0%	94	-324	-77.5%
49_53_21F4	147	49		2	-47	-95.9%	2,358	2,309	4712.2%	0	-49	-100.0%
49_53_27F1	2,830	943		13	-930	-98.6%	7	-936	-99.3%	2	-941	-99.8%
49_53_27F2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_27F3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_27F4	1	0		0	0	-100.0%	1	1	200.0%	86	86	25700.0%
49_53_2J7	0	0		0	0	0.0%	828	828	0.0%	825	825	0.0%
49_53_2J8	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_2J9	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_37J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_37J2	169	56		0	-56	-100.0%	0	-56	-100.0%	0	-56	-100.0%
49_53_37J3	0	0		0	0	0.0%	0	0	0.0%	21	21	0.0%
49_53_37J4	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_37J5	65	22		1	-21	-95.4%	0	-22	-100.0%	0	-22	-100.0%
49_53_38F1	6,019	2,006		486	-1,520	-75.8%	1,840	-166	-8.3%	259	-1,747	-87.1%
49_53_38F3	4,304	1,435		230	-1,205	-84.0%	1,663	228	15.9%	52	-1,383	-96.4%
49_53_51F1	1,968	656		3	-653	-99.5%	293	-363	-55.3%	162	-494	-75.3%
49_53_51F2	695	232		441	209	90.4%	1	-231	-99.6%	0	-232	-100.0%
49_53_51F3	1,063	354		0	-354	-100.0%	861	507	143.0%	2,178	1,824	514.7%
49_53_5F1	7,565	2,522		1,031	-1,491	-59.1%	142	-2,380	-94.4%	135	-2,387	-94.6%
49_53_5F2	34,936	11,645		319	-11,326	-97.3%	2,549	-9,096	-78.1%	106	-11,539	-99.1%
49_53_5F3	14,607	4,869		161	-4,708	-96.7%	6	-4,863	-99.9%	244	-4,625	-95.0%
49_53_5F4	9,588	3,196		3,294	98	3.1%	27	-3,169	-99.2%	5	-3,191	-99.8%
49_53_76F1	29	10		22	12	127.6%	93	83	862.1%	0	-10	-100.0%
49_53_77J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_77J2	1	0		0	0	-100.0%	0	0	-100.0%	0	0	-100.0%
49_53_77J3	0	0		0	0	0.0%	238	238	0.0%	0	0	0.0%
49_53_77J4	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_79F1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_79F2	57	19		0	-19	-100.0%	0	-19	-100.0%	71	52	273.7%
49_56_14F1	556	185		5	-180	-97.3%	7	-178	-96.2%	0	-185	-100.0%
49_56_14F2	286	95		25	-70	-73.8%	91	-4	-4.5%	0	-95	-100.0%
49_56_14F3	15	5		1,186	1,181	23620.0%	3	-2	-40.0%	1,013	1,008	20160.0%
49_56_16F2	621	207		244	37	17.9%	2,677	2,470	1193.2%	93	-114	-55.1%
49_56_17F1	69	23		17	-6	-26.1%	2,778	2,755	11978.3%	0	-23	-100.0%
49_56_17F2	11,028	3,676		8,790	5,114	139.1%	22	-3,654	-99.4%	133	-3,543	-96.4%
49_56_17F3	5,608	1,869		12	-1,857	-99.4%	1,138	-731	-39.1%	7	-1,862	-99.6%
49_56_22F1	26	9		49	40	465.4%	123	114	1319.2%	0	-9	-100.0%
49_56_22F4	2,598	866		26	-840	-97.0%	24	-842	-97.2%	165	-701	-80.9%
49_56_29F1	77	26		0	-26	-100.0%	72	46	180.5%	1,417	1,391	5420.8%
49_56_29F2	3	1		0	-1	-100.0%	1	0	0.0%	0	-1	-100.0%
49_56_30F2	9,803	3,268		207	-3,061	-93.7%	299	-2,969	-90.8%	135	-3,133	-95.9%
49_56_36W41	183	61		31	-30	-49.2%	22	-39	-63.9%	2,158	2,097	3437.7%
49_56_36W42	40	13		9	-4	-32.5%	22	9	65.0%	2,158	2,145	16085.0%
49_56_36W43	58	19		27	8	39.7%	10	-9	-48.3%	25	6	29.3%
49_56_36W44	165	55		2	-53	-96.4%	162	107	194.5%	0	-55	-100.0%
49_56_3F1	7,083	2,361		77	-2,284	-96.7%	437	-1,924	-81.5%	0	-2,361	-100.0%
49_56_3F2	170	57		1	-56	-98.2%	164	107	189.4%	55	-2	-2.9%
49_56_42F1	14,788	4,929		1	-4,928	-100.0%	1,659	-3,270	-66.3%	23	-4,906	-99.5%
49_56_45J2	157	52		46	-6	-12.1%	682	630	1203.2%	0	-52	-100.0%
49_56_45J4	58	19		10	-9	-48.3%	824	805	4162.1%	6	-13	-69.0%
49_56_45J6	322	107		4	-103	-96.3%	464	357	332.3%	65	-42	-39.4%
49_56_46F1	836	279		105	-174	-62.3%	52	-227	-81.3%	27	-252	-90.3%
49_56_46F4	314	105		307	202	193.3%	13	-92	-87.6%	1,529	1,424	1360.8%
49_56_52F1	1,007	336		1	-335	-99.7%	21	-315	-93.7%	30	-306	-91.1%
49_56_52F2	3,406	1,135		1	-1,134	-99.9%	35	-1,100	-96.9%	1	-1,134	-99.9%
49_56_59F2	692	231		606	375	162.7%	65	-166	-71.8%	127	-104	-44.9%
49_56_59F3	6,371	2,124		1,293	-831	-39.1%	2,254	130	6.1%	633	-1,491	-70.2%
49_56_65J12	78	26		3	-23	-88.5%	8	-18	-69.2%	0	-26	-100.0%
49_56_65J2	74	25		14	-11	-43.2%	10	-15	-59.5%	8	-17	-67.6%
49_56_72F1	15	5		1	-4	-80.0%	2	-3	-60.0%	80	75	1500.0%
49_56_72F2	307	102		327	225	219.5%	24	-78	-76.5%	5	-97	-95.1%
49_56_72F3	21,520	7,173		3	-7,170	-100.0%	4,625	-2,548	-35.5%	183	-6,990	-97.4%
49_56_72F4	500	167		168	1	0.8%	2	-165	-98.8%	62	-105	-62.8%
49_56_64F5	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
Totals	232,902	77,634		26,171	-51,463	-66.3%	33,166	-44,468	-57.3%	16,592	-61,042	-78.6%

Fiscal Year 2012				1st Year After Project			2nd Year After Project	
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49_53_108W51	1	0		33	33	9800.0%	0	0	-100.0%	0	0	-100.0%
49_53_108W53	179	60		86	26	44.1%	0	-60	-100.0%	304	244	409.5%
49_53_108W55	2	1		0	-1	-100.0%	0	-1	-100.0%	0	-1	-100.0%
49_53_108W65	4	1		0	-1	-100.0%	0	-1	-100.0%	0	-1	-100.0%
49_53_112W43	58	19		223	204	1053.4%	1	-18	-94.8%	60	41	210.3%
49_53_112W44	7,414	2,471		728	-1,743	-70.5%	37	-2,434	-98.5%	445	-2,026	-82.0%
49_53_126W41	3,409	1,136		978	-158	-13.9%	211	-925	-81.4%	302	-834	-73.4%
49_53_127W42	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_13F2	112	37		3	-34	-92.0%	8	-29	-78.6%	162	125	333.9%
49_53_13F3	21	7		12	5	71.4%	58	51	728.6%	26	19	271.4%
49_53_13F4	309	103		58	-45	-43.7%	328	225	218.4%	773	670	650.5%
49_53_13F9	133	44		0	-44	-100.0%	88	44	98.5%	72	28	62.4%
49_53_15F1	395	132		3	-129	-97.7%	11	-121	-91.6%	189	57	43.5%
49_53_17W43	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_20F1	642	214		1	-213	-99.5%	757	543	253.7%	0	-214	-100.0%
49_53_20F2	1,997	666		0	-666	-100.0%	0	-666	-100.0%	1	-665	-99.8%
49_53_21F2	686	229		46	-183	-79.9%	94	-135	-58.9%	2	-227	-99.1%
49_53_21F4	147	49		2,358	2,309	4712.2%	0	-49	-100.0%	1,761	1,712	3493.9%
49_53_27F1	2,830	943		7	-936	-99.3%	2	-941	-99.8%	1,612	669	70.9%
49_53_27F2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_27F3	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_27F4	1	0		1	1	200.0%	86	86	25700.0%	0	0	-100.0%
49_53_27F5	1,796	599		26	-573	-95.7%	25	-574	-95.8%	13	-586	-97.8%
49_53_34F2	2,549	850		2,784	1,934	227.7%	2,115	1,265	148.9%	1,702	852	100.3%
49_53_34F3	4,749	1,583		18	-1,565	-98.9%	263	-1,320	-83.4%	333	-1,250	-79.0%
49_53_37J1	0	0		0	0	0.0%	0	0	0.0%	1	1	0.0%
49_53_47J1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_47J2	1	0		0	0	-100.0%	3	3	800.0%	0	0	-100.0%
49_53_47J3	43	14		1	-13	-93.0%	1	-13	-93.0%	0	-14	-100.0%
49_53_47J4	1,120	373		2	-371	-99.5%	109	-264	-70.8%	1	-372	-99.7%
49_53_4F1	2,806	935		10	-925	-98.9%	34	-901	-96.4%	146	-789	-84.4%
49_53_4F2	6,676	2,225		318	-1,907	-85.7%	199	-2,026	-91.1%	656	-1,569	-70.5%
49_53_69F1	250	83		0	-83	-100.0%	194	111	132.8%	101	18	21.2%
49_53_69F3	38	13		21	8	65.8%	197	184	1455.3%	93	80	634.2%
49_53_71J1	728	243		0	-243	-100.0%	0	-243	-100.0%	0	-243	-100.0%
49_53_71J2	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_71J3	550	183		0	-183	-100.0%	0	-183	-100.0%	0	-183	-100.0%
49_53_71J4	1	0		0	0	-100.0%	0	0	-100.0%	0	0	-100.0%
49_53_71J5	0	0		0	0	0.0%	66	66	0.0%	0	0	0.0%
49_53_79F1	0	0		0	0	0.0%	0	0	0.0%	0	0	0.0%
49_53_79F2	57	19		0	-19	-100.0%	71	52	273.7%	3	-16	-84.2%
49_53_7F1	4,081	1,360		56	-1,304	-95.9%	52	-1,308	-96.2%	0	-1,360	-100.0%
49_53_7F2	4	1		0	-1	-100.0%	0	-1	-100.0%	2,606	2,605	195350.0%
49_56_30F2	5,555	1,852		299	-1,553	-83.9%	135	-1,717	-92.7%	608	-1,244	-67.2%
49_56_33F1	3,899	1,300		115	-1,185	-91.2%	215	-1,085	-83.5%	177	-1,123	-86.4%
49_56_33F2	73	73		2,626	2,553	3513.8%	112	39	54.1%	19	-54	-73.9%
49_56_36W41	119	40		22	-18	-44.5%	2,158	2,118	5340.3%	92	52	131.9%
49_56_36W42	40	13		22	9	65.0%	120	107	800.0%	51	38	282.5%
49_56_36W43	58	19		10	-9	-48.3%	25	6	29.3%	40	21	106.9%
49_56_36W44	165	55		162	107	194.5%	0	-55	-100.0%	0	-55	-100.0%
49_56_45J2	157	52		682	630	1203.2%	0	-52	-100.0%	0	-52	-100.0%
49_56_45J4	58	19		824	805	4162.1%	6	-13	-69.0%	0	-19	-100.0%
49_56_45J6	322	107		464	357	332.3%	65	-42	-39.4%	0	-107	-100.0%
49_56_46F1	559	186		52	-134	-72.1%	27	-159	-85.5%	1,604	1,418	760.8%
49_56_46F4	189	63		13	-50	-79.4%	1,529	1,466	2327.0%	60	-3	-4.8%
49_56_52F1	1,007	336		21	-315	-93.7%	30	-306	-91.1%	169	-167	-49.7%
49_56_52F2	1,711	570		35	-535	-93.9%	1	-569	-99.8%	0	-570	-100.0%
49_56_59F1	640	213		426	213	99.7%	563	350	163.9%	85	-128	-60.2%
49_56_59F4	2,193	731		84	-647	-88.5%	338	-393	-53.8%	6	-725	-99.2%
49_56_63F3	1,733	578		77	-501	-86.7%	88	-490	-84.8%	1,733	1,155	200.0%
49_56_63F4	69	23		11	-12	-52.2%	38	15	65.2%	0	-23	-100.0%
49_56_63F5	332	111		317	206	186.4%	27	-84	-75.6%	107	-4	-3.3%
49_56_63F6	6,903	2,301		562	-1,739	-75.6%	1,948	-353	-15.3%	1,237	-1,064	-46.2%
49_56_65J12	64	21		8	-13	-62.5%	0	-21	-100.0%	3	-18	-85.9%
49_56_65J2	56	19		10	-9	-46.4%	8	-11	-57.1%	346	327	1753.6%
49_56_68F3	9,287	3,096		788	-2,308	-74.5%	163	-2,933	-94.7%	154	-2,942	-95.0%
49_56_72F1	15	5		2	-3	-60.0%	80	75	1500.0%	0	-5	-100.0%
49_56_72F2	232	77		24	-53	-69.0%	5	-72	-93.5%	18	-59	-76.7%
49_56_72F3	7,214	2,405		4,625	2,220	92.3%	183	-2,222	-92.4%	453	-1,952	-81.2%
49_56_72F4	462	154		2	-152	-98.7%	62	-92	-59.7%	13	-141	-91.6%
49_56_85T3	3,006	1,002		744	-258	-25.7%	2,829	1,827	182.3%	679	-323	-32.2%
Totals	90,967	30,322		21,523	-8,799	-29.0%	15,864	-14,458	-47.7%	19,058	-11,264	-37.1%

Fiscal Year 2013				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/09-3/31/12	Average CI	Project Year 4/1/12-3/31/13	Total CI 4/1/13-3/31/14	Difference	% Improved	Total CI 4/1/14-3/31/15	Difference	% Improved	Total CI 4/1/15-3/31/16	Difference	% Improved
49_53_107W43	28	9		0	-9	-100.0%	0	-9	-100.0%	0	9	-100.0%
49_53_107W50	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_107W53	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_107W60	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_107W61	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_107W62	15	5		35	30	600.0%	0	-5	-100.0%	2,258	-2,253	-7510.0%
49_53_107W63	1,392	464		4	-460	-99.1%	0	-464	-100.0%	0	464	-100.9%
49_53_107W65	10	3		0	-3	-100.0%	0	-3	-100.0%	36	-33	980.0%
49_53_107W66	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_107W81	0	0		0	0	0.0%	59	59	0.0%	0	0	-
49_53_107W83	1	0		4	4	1100.0%	0	0	-100.0%	1,460	-1,460	-39809.1%
49_53_107W84	0	0		1,376	1,376	0.0%	0	0	0.0%	0	0	0.0%
49_53_1123	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_1125	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_127W41	607	202		247	45	22.1%	1,049	847	418.5%	270	-68	-151.5%
49_53_17W42	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_18F5	0	0		0	0	0.0%	14	14	0.0%	22	-22	-
49_53_18F6	1,527	509		100	-409	-80.4%	245	-264	-51.9%	1,086	-577	141.1%
49_53_23F2	684	228		47	-181	-79.4%	6	-222	-97.4%	287	-59	32.6%
49_53_23F4	82	27		2	-25	-92.7%	55	28	101.2%	22	5	-21.1%
49_53_23F5	98	33		0	-33	-100.0%	0	-33	-100.0%	0	33	-100.0%
49_53_27F6	2	1		0	-1	-100.0%	442	441	66200.0%	0	1	-100.0%
49_53_2J1	48	16		1	-15	-93.8%	0	-16	-100.0%	0	16	-106.7%
49_53_34F1	7,611	2,537		502	-2,035	-80.2%	1,037	-1,500	-59.1%	1,056	1,481	-72.8%
49_53_36J1	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_36J2	2	1		0	-1	-100.0%	0	-1	-100.0%	0	1	-100.0%
49_53_36J4	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_36J5	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_38F2	103	34		30	-4	-12.6%	5	-29	-85.4%	32	2	-53.8%
49_53_38F4	127	42		41	-1	-3.1%	0	-42	-100.0%	187	-145	10850.0%
49_53_38F5	3,207	1,069		202	-867	-81.1%	299	-770	-72.0%	1,183	-114	13.1%
49_53_38F6	487	162		0	-162	-100.0%	0	-162	-100.0%	54	108	-66.7%
49_53_45F2	680	227		44	-183	-80.6%	52	-175	-77.1%	59	168	-91.8%
49_53_48F1	181	60		0	-60	-100.0%	1	-59	-98.3%	768	-708	1172.9%
49_53_48F2	0	0		0	0	0.0%	552	552	0.0%	1	-1	-
49_53_48F3	2,885	962		37	-925	-96.2%	16	-946	-98.3%	3,384	-2,422	262.0%
49_53_48F4	312	104		0	-104	-100.0%	1	-103	-99.0%	12	92	-88.5%
49_53_48F5	111	37		1	-36	-97.3%	0	-37	-100.0%	0	37	-

49_53_73J4	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_73J5	1	0		0	0	-100.0%	0	0	-100.0%	0	0	-100.0%
49_53_73J6	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_76F2	4	1		217	216	16175.0%	100	99	7400.0%	199	-198	-91.7%
49_53_76F4	75	25		99	74	296.0%	0	-25	-100.0%	21	4	5.4%
49_53_76F5	1	0		53	53	15800.0%	0	0	-100.0%	2	-2	-3.2%
49_53_76F6	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_76F7	2,227	742		1	-741	-99.9%	0	-742	-100.0%	81	661	-89.2%
49_53_76F8	0	0		0	0	0.0%	1	1	0.0%	0	0	-
49_53_78F3	1,292	431		944	513	119.2%	0	-431	-100.0%	45	386	75.1%
49_53_78F4	799	266		0	-266	-100.0%	32	-234	-88.0%	734	-468	175.6%
49_53_7F4	15	5		0	-5	-100.0%	13	8	160.0%	0	5	-100.0%
49_53_9J1	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_53_9J5	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_122J4	10	3		0	-3	-100.0%	7	4	110.0%	0	3	-100.0%
49_56_131J12	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_131J14	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_131J2	0	0		0	0	0.0%	9	9	0.0%	0	0	-
49_56_131J4	1	0		0	0	-100.0%	0	0	-100.0%	90	-90	26900.0%
49_56_131J6	1	0		0	0	-100.0%	0	0	-100.0%	0	0	-100.0%
49_56_154J14	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_154J16	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_154J18	0	0		0	0	0.0%	0	0	0.0%	1	-1	-
49_56_154J2	0	0		0	0	0.0%	5	5	0.0%	0	0	-
49_56_154J6	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_154J8	110	37		0	-37	-100.0%	22	-15	-40.0%	0	37	-100.0%
49_56_23J12	376	125		13	-112	-89.6%	0	-125	-100.0%	0	125	-111.6%
49_56_23J14	1,055	352		0	-352	-100.0%	0	-352	-100.0%	0	352	-100.0%
49_56_23J2	477	159		0	-159	-100.0%	10	-149	-93.7%	17	142	-89.3%
49_56_23J4	1,045	348		0	-348	-100.0%	0	-348	-100.0%	0	348	-100.0%
49_56_23J6	256	85		34	-51	-60.2%	308	223	260.9%	0	85	-166.2%
49_56_32J12	4	1		0	-1	-100.0%	0	-1	-100.0%	40	-39	2900.0%
49_56_32J14	29	10		0	-10	-100.0%	0	-10	-100.0%	0	10	-100.0%
49_56_32J2	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_32J4	0	0		8	8	0.0%	0	0	0.0%	0	0	0.0%
49_56_33F4	2,241	747		1,900	1,153	154.4%	513	-234	-31.3%	8,807	-8,060	-699.0%
49_56_37W41	2,577	859		759	-100	-11.6%	1	-858	-99.9%	718	141	-141.0%
49_56_37W42	436	145		0	-145	-100.0%	189	44	30.0%	76	69	-47.7%
49_56_37W43	147	49		0	-49	-100.0%	4,805	4,756	9706.1%	52	-3	6.1%
49_56_38J2	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_38J4	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_40F1	1,036	345		175	-170	-49.3%	1,066	721	208.7%	20	325	-191.0%
49_56_41F1	1,044	348		304	-44	-12.6%	438	90	25.9%	926	-578	1313.6%
49_56_49J1	216	72		0	-72	-100.0%	46	-26	-36.1%	0	72	-100.0%
49_56_49J2	50	17		24	7	44.0%	0	-17	-100.0%	0	17	227.3%
49_56_49J3	20	7		0	-7	-100.0%	14	7	110.0%	0	7	-100.0%
49_56_49J4	0	0		0	0	0.0%	0	0	0.0%	0	0	-
49_56_51J12	258	86		0	-86	-100.0%	0	-86	-100.0%	0	86	-100.0%
49_56_51J14	89	30		0	-30	-100.0%	0	-30	-100.0%	0	30	-100.0%
49_56_51J16	876	292		1	-291	-99.7%	0	-292	-100.0%	269	23	-7.9%
49_56_51J2	656	219		0	-219	-100.0%	0	-219	-100.0%	0	219	-100.0%
49_56_54F1	4,634	1,545		1,789	244	15.8%	624	-921	-59.6%	1,853	-308	-126.2%
49_56_57J2	1	0		0	0	-100.0%	0	0	-100.0%	20	-20	5900.0%
49_56_57J4	1	0		0	0	-100.0%	0	0	-100.0%	0	0	-100.0%
49_56_57J5	10	3		0	-3	-100.0%	0	-3	-100.0%	2	1	-40.0%
49_56_61F1	4	1		293	292	21875.0%	0	-1	-100.0%	291	-290	-99.3%
49_56_61F2	1,658	553		248	-305	-55.1%	129	-424	-76.7%	186	367	-120.4%
49_56_61F3	1,831	610		198	-412	-67.6%	985	375	61.4%	321	289	-70.2%
49_56_63F2	297	99		15	-84	-84.8%	3	-96	-97.0%	8	91	-108.3%
49_56_64F1	2,247	749		2,146	1,397	186.5%	11	-738	-98.5%	26	723	51.8%
49_56_64F2	399	133		130	-2.3%	-	1	-132	-99.2%	0	133	-4433.3%
49_56_68F2	2,159	720		26	-694	-96.4%	2,567	1,847	256.7%	1,806	-1,086	156.6%
49_56_72F5	303	101		97	-4	-4.0%	3	-98	-97.0%	44	57	-1425.0%
49_56_72F6	181	60		4	-56	-93.4%	1	-59	-98.3%	27	33	-59.2%
49_56_83F2	170	57		1	-56	-98.2%	0	-57	-100.0%	0	57	-101.8%
49_56_87F2	0	0		0	0	0.0%	0	0	0.0%	18	-18	-
49_56_87F4	335	112		0	-112	-100.0%	0	-112	-100.0%	0	112	-100.0%
49_56_88F3	3,900	1,300		289	-1,011	-77.8%	420	-880	-67.7%	273	1,027	-101.6%
Totals	56,768	18,923		12,441	-6,482	-34.3%	16,180	-2,743	-14.5%	29,171	10,248	54.2%

Fiscal Year 2014				1st Year After Project			2nd Year After Project			3rd Year After Project		
Feeder ID	Total CI 4/1/10-3/31/13	Average CI	Project Year 4/1/13-3/31/14	Total CI 4/1/14-3/31/15	Difference	% Improved	Total CI 4/1/15-3/31/16	Difference	% Improved	Total CI 4/1/16-3/31/17	Difference	% Improved
49_53_102W51	263	88		403	315	0.0%	1	-87	-98.9%	698	-610	-696.2%
49_53_104J1	1	0		0	0	0.0%	0	0	-	0	0	100.0%
49_53_104J3	0	0		0	0	0.0%	0	0	-	0	0	#DIV/0!
49_53_104J5	750	250		0	-250	-100.0%	0	-250	-100.0%	0	250	100.0%
49_53_104J7	1,140	380		0	-380	-100.0%	0	-380	-100.0%	617	-237	-62.4%
49_53_106J1	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_106J3	0	0		0	0	-	0	0	-	845	-845	#DIV/0!
49_53_106J7	0	0		0	0	0.0%	0	0	-	0	0	#DIV/0!
49_53_107W51	1	0		0	0	0.0%	3	3	800.0%	0	0	100.0%
49_53_107W80	1	0		0	0	-100.0%	0	0	-100.0%	0	0	100.0%
49_53_108W61	34	11		0	-11	-100.0%	0	-11	-100.0%	0	11	100.0%
49_53_108W62	19	6		0	-6	-100.0%	0	-6	-100.0%	1	5	84.2%
49_53_108W63	177	59		0	-59	-100.0%	1	-58	-98.3%	0	59	100.0%
49_53_109J1	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_109J3	1,287	429		0	-429	-100.0%	0	-429	-100.0%	0	429	100.0%
49_53_109J5	1,506	502		0	-502	-100.0%	0	-502	-100.0%	0	502	100.0%
49_53_111J9	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_111J1	0	0		0	0	0.0%	460	460	-	0	0	#DIV/0!
49_53_111J3	0	0		0	0	0.0%	1,129	1,129	-	0	0	#DIV/0!
49_53_112W41	3,065	1,022		23	-999	-97.7%	0	-1,022	-100.0%	93	929	90.9%
49_53_112W42	9,191	3,064		0	-3,064	0.0%	146	-2,918	-95.2%	1,064	2,000	65.3%
49_53_1131	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_113J1	1	0		36	36	10700.0%	0	0	-100.0%	0	0	100.0%
49_53_113J2	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_126W42	23	8		38	30	395.7%	29	21	278.3%	1	7	87.0%
49_53_126W51	314	105		3	-102	-97.1%	2,807	2,702	2581.8%	2,804	-2,699	-2579.0%
49_53_127W40	1,851	617		251	-366	-59.3%	1,828	1,211	196.3%	1,044	-427	-69.2%
49_53_12J1	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_12J2	3	1		0	-1	-100.0%	0	-1	-100.0%	0	1	100.0%
49_53_12J3	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_12J4	0	0	0	0	-	0	0	-	0	0	#DIV/0!	
49_53_12J5	0	0	0	0	-	0	0	-	0	0	#DIV/0!	
49_53_12J6	0	0	0	0	-	0	0	-	0	0	#DIV/0!	
49_53_13F5	103	34	27	-7	-21.4%	339	305	887.4%	0	34	100.0%	
49_53_148J1	0	0	938	938	-	0	0	-	0	0	#DIV/0!	
49_53_148J3	820	273	0	-273	0.0%	434	161	58.8%	0	273	100.0%	
49_53_148J5	0	0	0	0	0.0%	331	331	-	0	0	#DIV/0!	
49_53_148J7	0	0	1,085	1,085	-	0	0	-	0	0	#DIV/0!	
49_53_18F2	0	0	0	0	0.0%	0	0	-	0	0	#DIV/0!	
49_53_18F3	0	0	0	0	0.0%	0	0	-	0	0	#DIV/0!	
49_53_21F1	909	303	5	-298	0.0%	848	545	179.9%	738	-435	-143.6%	
49_53_23F1	305	102	54	-48	0.0%	34	-68	-66.6%	0	102	100.0%	
49_53_23F3	1,037	346	1,509	1,163	336.5%	330	-16	-4.5%	153	193	55.7%	
49_53_23F6	2,726	909	2,518	1,609	177.1%	87	-822	-90.4%	27	882	97.0%	
49_53_24J1	0	0	0	0	-	0	0	-	0	0	#DIV/0!	
49_53_26W3	448	149	42	-107	-71.9%	719	570	381.5%	278	-129	-86.2%	
49_53_26W5	5,950	1,983	2,805	822	41.4%	307	-1,676	-84.5%	2,801	-818	-41.2%	
49_53_28J1	108	36	613	577	1602.8%	0	-36	-100.0%	0	36	100.0%	

49_53_28J2	0	0		1,120	1,120	-	81	81	-	0	0	#DIV/0!
49_53_2I3	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_2I4	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_2I5	1	0		0	0	-100.0%	0	0	-100.0%	0	0	100.0%
49_53_30I1	883	294		0	-294	-100.0%	0	-294	-100.0%	19	275	93.5%
49_53_30J3	0	0		0	0	-	0	0	-	5	-5	#DIV/0!
49_53_30J5	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_34F1	7,905	2,635		1,037	-1,598	-60.6%	1,056	-1,579	-59.9%	1,841	794	30.1%
49_53_50F2	48	16		27	11	68.8%	0	-16	-100.0%	864	-848	-5300.0%
49_53_50J1	0	0		0	0	-	18	18	-	1	-1	#DIV/0!
49_53_50J2	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_50J3	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_60J1	0	0		74	74	-	0	0	-	0	0	#DIV/0!
49_53_60J3	1	0		0	0	0.0%	0	0	-100.0%	0	0	100.0%
49_53_60J5	11	4		0	-4	-100.0%	476	472	12881.8%	0	4	100.0%
49_53_66J2	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_66J4	1	0		0	0	-100.0%	0	0	-100.0%	0	0	100.0%
49_53_67J1	399	133		0	-133	-100.0%	0	-133	-100.0%	0	133	100.0%
49_53_6I1	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_6I2	4	1		0	-1	-100.0%	0	-1	-100.0%	1	0	25.0%
49_53_6J3	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_6J5	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_53_6J6	59	20		0	-20	-100.0%	0	-20	-100.0%	0	20	100.0%
49_53_6J8	183	61		0	-61	-100.0%	187	126	206.6%	0	61	100.0%
49_53_9J2	55	18		0	-18	-100.0%	0	-18	-100.0%	0	18	100.0%
49_56_16F1	1,716	572		80	-492	-86.0%	122	-450	-78.7%	12	560	97.9%
49_56_16F2	2,936	979		109	-870	-88.9%	2,797	1,818	185.8%	1,544	-565	-57.8%
49_56_16F3	37	12		7	-5	-43.2%	1,014	1,002	8121.6%	0	12	100.0%
49_56_16F4	2,280	760		75	-685	0.0%	332	-428	-56.3%	52	708	93.2%
49_56_22F2	108	36		0	-36	0.0%	57	21	58.3%	1	35	97.2%
49_56_22F3	2,269	756		0	-756	-100.0%	888	132	17.4%	355	401	53.1%
49_56_30F1	2,298	766		225	-541	0.0%	2,759	1,993	260.2%	1,498	-732	-95.6%
49_56_30F2	2,351	784		608	-176	0.0%	7,462	6,678	852.2%	3,614	-2,830	-361.2%
49_56_42F1	1,679	560		161	-399	0.0%	22	-538	-96.1%	136	424	75.7%
49_56_43F1	3,973	1,324		584	-740	0.0%	494	-830	-62.7%	941	383	28.9%
49_56_46F2	2,157	719		112	-607	-84.4%	378	-341	-47.4%	1,294	-575	-80.0%
49_56_46F3	669	223		1,949	1,726	774.0%	3,890	3,667	1644.4%	339	-116	-52.0%
49_56_52F3	642	214		86	-128	-59.8%	210	-4	-1.9%	95	119	55.6%
49_56_68F1	3,045	1,015		1,534	519	51.1%	2,468	1,453	143.2%	345	670	66.0%
49_56_68F4	392	131		193	62	47.7%	564	433	331.6%	478	-347	-265.8%
49_56_68F5	1	0		0	0	-100.0%	0	0	-100.0%	29	-29	-8600.0%
49_56_85T1	2,119	706		137	-569	-80.6%	64	-642	-90.9%	69	637	90.2%
49_56_86F1	2,545	848		2,923	2,075	244.6%	380	-468	-55.2%	4,411	-3,563	-420.0%
49_56_87F1	49	16		0	-16	-100.0%	6	-10	-63.3%	0	16	100.0%
49_56_88F1	991	330		274	-56	-17.1%	1,356	1,026	310.5%	654	-324	-98.0%
49_56_88F5	5,796	1,932		1,258	-674	-34.9%	219	-1,713	-88.7%	369	1,563	80.9%
49_56_31J1	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_56_31J2	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_56_21J2	1	0		0	0	-100.0%	0	0	-100.0%	0	0	100.0%
49_56_21J6	0	0		0	0	-	20	20	-	0	0	#DIV/0!
49_56_19J2	316	105		0	-105	-100.0%	0	-105	-100.0%	0	105	100.0%
49_56_19J14	314	105		0	-105	-100.0%	0	-105	-100.0%	0	105	100.0%
49_56_37J4	0	0		1	1	-	0	0	-	0	0	#DIV/0!
49_56_23J12	376	125		0	-125	-100.0%	0	-125	-100.0%	0	125	100.0%
49_56_61F4	249	83		15	-68	-81.9%	141	58	69.9%	0	83	100.0%
49_56_84T1	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_56_83F1	0	0		0	0	-	0	0	-	0	0	#DIV/0!
49_56_83F3	1	0		0	0	-100.0%	0	0	-100.0%	0	0	100.0%
Totals	80,893	26,964		22,939	-4,025	-14.93%	37,294	10,330	38.3%	30,131	3,167	11.7%

Fiscal Year 2015				1st Year After Project			2nd Year After Project		
Feeder ID	Total CI 4/1/11-3/31/14	Average CI	Project Year 4/1/14-3/31/15	Total CI 4/1/15-3/31/16	Difference	% Improved	Total CI 4/1/16-3/31/17	Difference	% Improved
49_53_102W44	0	0		1	1	0.0%	61	61	#DIV/0!
49_53_1117	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_1121	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_126W40	42	14		1	-13	-92.9%	0	-14	-100.0%
49_53_126W50	1,442	481		221	-260	-54.0%	247	-234	-48.6%
49_53_126W54	0	0		706	706	-	9	9	#DIV/0!
49_53_15F2	2,760	920		1,033	113	12.3%	287	-633	-68.8%
49_53_18F1	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_18F4	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_18F7	814	271		65	-206	-76.0%	22	-249	-91.9%
49_53_18F8	197	66		1,965	1,899	2892.4%	69	3	5.1%
49_53_18F9	63	21		0	-21	-100.0%	0	-21	-100.0%
49_53_20F1	758	253		1	-252	-99.6%	0	-253	-100.0%
49_53_20F2	1	0		0	0	-100.0%	3	3	800.0%
49_53_26W1	2,886	962		1,926	964	100.2%	2,022	1,060	110.2%
49_53_26W7	121	40		215	175	433.1%	289	249	616.5%
49_53_2J7	1,653	551		31	-520	-94.4%	0	-551	-100.0%
49_53_2J8	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_2J9	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_34F3	1,405	468		481	13	2.7%	734	266	56.7%
49_53_37J1	0	0		0	0	0.0%	1	1	#DIV/0!
49_53_37J2	0	0		0	0	-	0	0	#DIV/0!
49_53_37J3	21	7		16	9	128.6%	60	53	757.1%
49_53_37J4	0	0		881	881	-	0	0	#DIV/0!
49_53_37J5	1	0		1	1	200.0%	0	0	-100.0%
49_53_38F1	2,335	778		2,547	1,769	227.2%	578	-200	-25.7%
49_53_38F3	1,944	648		4,165	3,517	542.7%	819	171	26.4%
49_53_51F1	458	153		984	831	544.5%	255	102	67.0%
49_53_51F2	442	147		12	-135	-91.9%	0	-147	-100.0%
49_53_51F3	3,039	1,013		178	-835	-82.4%	0	-1,013	-100.0%
49_53_5F1	868	289		665	376	129.8%	152	-137	-47.5%
49_53_5F2	2,974	991		61	-930	-93.8%	0	-991	-100.0%
49_53_5F3	411	137		1,961	1,824	1331.4%	187	50	36.5%
49_53_5F4	3,326	1,109		79	-1,030	-92.9%	230	-879	-79.3%
49_53_76F1	115	38		102	64	166.1%	16	-22	-58.3%
49_53_77J1	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_77J2	0	0		1	1	0.0%	0	0	#DIV/0!
49_53_77J3	238	79		0	-79	-100.0%	0	-79	-100.0%
49_53_77J4	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_79F1	0	0		0	0	0.0%	0	0	#DIV/0!
49_53_79F2	71	24		0	-24	0.0%	0	-24	-100.0%
49_53_9J3	57	19		0	-19	0.0%	0	-19	-100.0%
49_56_14F1	13	4		400	396	9130.8%	2,477	2,473	57061.5%
49_56_14F2	116	39		42	3	8.6%	1,794	1,755	4539.7%
49_56_14F3	2,203	734		63	-671	-91.4%	1,541	807	109.9%
49_56_14F4	258	86		11	-75	-87.2%	1	-85	-98.8%
49_56_17F1	2,795	932		2,090	1,158	124.3%	5	-927	-99.5%
49_56_17F2	3,164	1,055		1,986	931	88.3%	4	-1,051	-99.6%
49_56_17F3	1,157	386		977	591	153.3%	985	599	155.4%
49_56_22F1	172	57		11	-46	-80.8%	1,509	1,452	2532.0%
49_56_22F4	215	72		382	310	433.0%	0	-72	-100.0%
49_56_29F1	1,488	496		1	-495	-99.8%	0	-496	-100.0%
49_56_29F2	1	0		0	0	-100.0%	176	176	52700.0%
49_56_33F1	377	126		2,470	2,344	1865.5%	1,396	1,270	1010.9%
49_56_33F2	5,299	1,766		2,527	761	43.1%	17	-1,749	-99.0%
49_56_33F3	6,061	2,020		813	-1,207	-59.8%	215	-1,805	-89.4%
49_56_3F1	379	126		210	84	66.2%	235	109	86.0%
49_56_3F2	219	73		18	-55	-75.3%	50	-23	-31.5%

49_56_45J2	0	0		0	0	-	0	0	#DIV/0!
49_56_45J4	833	278		4	-274	-98.6%	3	-275	-98.9%
49_56_45J6	464	155		0	-155	-100.0%	0	-155	-100.0%
49_56_57J1	1	0		0	0	-100.0%	0	0	-100.0%
49_56_57J3	1,163	388		1	-387	-99.7%	0	-388	-100.0%
49_56_59F2	534	178		285	107	60.1%	2	-176	-98.9%
49_56_59F3	4,180	1,393		659	-734	-52.7%	2,439	1,046	75.0%
49_56_65J12	22	7		14	7	90.9%	3	-4	-59.1%
49_56_65J2	28	9		0	-9	-100.0%	12	3	28.6%
49_56_68F3	10,770	3,590		463	-3,127	-87.1%	1,217	-2,373	-66.1%
Totals	70,354	23,451		31,726	8,275	35.28%	20,122	-3,329	-14.2%

Fiscal Year 2016				1st Year After Project		
Feeder ID	Total CI 4/1/12-3/31/15	Average CI	Project Year 4/1/15-3/31/16	Total CI 4/1/16-3/31/17	Difference	% Improved
49_53_102W41	0	0		0	0	0.0%
49_53_102W42	1	0		0	0	0.0%
49_53_102W50	0	0		0	0	0.0%
49_53_102W52	698	233		11	-222	-95.3%
49_53_102W54	163	54		270	216	396.9%
49_53_107W85	0	0		16	16	-
49_53_108W51	0	0		0	0	#DIV/0!
49_53_108W53	390	130		783	653	0.0%
49_53_108W55	0	0		536	536	0.0%
49_53_108W65	0	0		791	791	#DIV/0!
49_53_112W43	284	95		577	482	509.5%
49_53_112W44	1,210	403		642	239	59.2%
49_53_126W41	1,491	497		298	-199	-40.0%
49_53_127W42	1,236	412		1,990	1,578	383.0%
49_53_13F2	28	9		0	-9	-100.0%
49_53_13F3	70	23		0	-23	-100.0%
49_53_13F4	1,167	389		2,743	2,354	605.1%
49_53_13F8	0	0		0	0	0.0%
49_53_13F9	603	201		2	-199	0.0%
49_53_15F1	200	67		72	5	8.0%
49_53_21F2	142	47		10	-37	0.0%
49_53_21F4	4,118	1,373		46	-1,327	-
49_53_27F1	472	157		283	126	79.9%
49_53_27F2	72	24		70	46	-
49_53_27F3	0	0		0	0	#DIV/0!
49_53_27F4	86	29		0	-29	-100.0%
49_53_27F5	1,622	541		2,939	2,398	443.6%
49_53_34F2	6,601	2,200		3,195	995	45.2%
49_53_47J1	0	0		0	0	#DIV/0!
49_53_47J2	3	1		62	61	6100.0%
49_53_47J3	2	1		0	-1	-100.0%
49_53_47J4	112	37		0	-37	-100.0%
49_53_4F1	190	63		1,881	1,818	2870.0%
49_53_4F2	1,173	391		214	-177	-45.3%
49_53_69F1	295	98		50	-48	-49.2%
49_53_69F3	325	108		2	-106	0.0%
49_53_6J7	6	2		0	-2	0.0%
49_53_71J1	0	0		0	0	#DIV/0!
49_53_71J2	0	0		0	0	0.0%
49_53_71J3	0	0		0	0	0.0%
49_53_71J4	0	0		0	0	0.0%
49_53_71J5	66	22		0	-22	0.0%
49_56_36W41	2,272	757		8	-749	-98.9%
49_56_36W42	193	64		0	-64	-100.0%
49_56_36W43	75	25		2	-23	-92.0%
49_56_36W44	162	54		9	-45	-83.3%
49_56_46F1	1,683	561		68	-493	-87.9%
49_56_46F4	2,079	693		339	-354	-51.1%
49_56_52F1	221	74		102	28	38.5%
49_56_52F2	36	12		2	-10	-83.3%
49_56_54F1	3,996	1,332		5,158	3,826	287.2%
49_56_59F1	1,074	358		26	-332	-92.7%
49_56_59F4	428	143		529	386	270.8%
49_56_63F3	2,021	674		2,503	1,829	271.5%
49_56_63F4	134	45		102	57	128.4%
49_56_63F5	451	150		147	-3	-2.2%
49_56_63F6	3,747	1,249		317	-932	-74.6%
49_56_64F5	0	0		0	0	#DIV/0!
49_56_72F1	1	0		0	0	-
49_56_72F2	47	16		302	286	1827.7%
49_56_72F3	5,294	1,765		2	-1,763	-99.9%
49_56_72F4	77	26		63	37	145.5%
Totals	46,817	15,606		27,162	11,556	74.05%

	Total CI	Average CI Before Project Year	Project Year	Average CI After Project Year	Difference	% Improved	Average CI 2 Years After	Difference	% Improved	Average CI 3 Years After	Difference	% Improved
Program Totals	-	464		373	-91	-19.6%	376	-88	-18.9%	350	-114	-24.6%

Cycle Clearng Project Year	AVG Annual CI Pre-Project	Total CI 1st Year Post-Project	% Improved	Total CI 2nd Year Post-Project	% Improved	Total CI 3rd Year Post-Project	% Improved
2007	55,494	60,868	-10%	48,121	13%	39,215	29%
2008	47,466	30,333	36%	28,356	40%	82,400	-74%
2009	50,362	38,327	24%	56,979	-13%	48,734	3%
2010	58,009	53,466	8%	48,340	17%	23,332	65%
2011	77,634	26,171	66%	33,166	57%	16,592	79%
2012	30,322	21,523	29%	15,864	48%	19,058	37%
2013	18,922	12,441	34%	16,180	15%	29,171	-54%
2014	26,964	22,939	15%	37,294	-38%	-	-
2015	23,451	31,726	-35%	-	-	-	-

Project Year	Cycle Prune Cost	Post-Project Year 1		Post-Project Year 2		Post-Project Year 3	
		Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI	Average Δ CI	\$ / Δ CI
2009	\$ 5,144,193	12,035	\$ 427	2,709	\$ 1,899	2,348	\$ 2,191
2010	\$ 4,365,639	4,543	\$ 961	7,106	\$ 614	16,297	\$ 268
2011	\$ 3,956,357	51,463	\$ 77	47,966	\$ 82	52,324	\$ 76
2012	\$ 3,919,065	8,799	\$ 445	11,629	\$ 337	11,507	\$ 341
2013	\$ 4,764,000	6,482	\$ 735	4,612	\$ 1,033	(341)	\$ (13,958)
2014	\$ 5,180,000	4,025	\$ 1,287	(3,152)	\$ (1,643)	(3,157)	\$ (1,641)
2015	\$ 4,475,000	(8,275)	\$ (541)	(2,473)	(1,810)	-	-
2016	\$ 5,414,000	(11,556)	\$ (469)	-	-	-	-
Totals	\$ 37,218,254	67,517	\$ 551	68,397	\$ 465	78,978	\$ 346