

Project No.	Project Description	Qty	Unit	Unit Cost	2014 Project Cost	25% Engineering & Administrative Costs	25% Construction Contingency	2014 Total Project Cost
Legacy Collection System Project Costs								
Sn4	36" in Aviation Blvd	5,295	LF	\$548	\$2,901,660	\$725,415	\$725,415	\$4,352,490
Sn6	24" between Aviation & Nicolaus Rd Pump Station	1,755	LF	\$397	\$696,735	\$174,184	\$174,184	\$1,045,103
Sn12A	30" Chambers Drive Extension north to 24" sewer, 3rd St to 5th St	540	LF	\$477	\$257,580	\$64,395	\$64,395	\$386,370
Sn12D	36" in Moore Road, Sorrento Development to Village 7	700	LF	\$548	\$383,600	\$95,900	\$95,900	\$575,400
Sn12E	36" through Village 7, Moore Rd to Interceptor in Ferrari Ranch Rd	2,233	LF	\$548	\$1,223,684	\$305,921	\$305,921	\$1,835,526
Sn15A	36" in Nicolaus, Aviation Blvd to Airport Rd	4,740	LF	\$548	\$2,597,520	\$649,380	\$649,380	\$3,896,280
Sn15B	18" in Airport Rd, Nicolaus Rd to Airport access	2,435	LF	\$310	\$754,850	\$188,713	\$188,713	\$1,132,275
Sn18	18" Nicolaus Road, Joiner Parkway to "O" Street	2,825	LF	\$310	\$875,750	\$218,938	\$218,938	\$1,313,625
Sn20A	18" SR 65 to eastern boundary of Gladding Road	1,040	LF	\$310	\$322,400	\$80,600	\$80,600	\$483,600
Sn20B	18" SR 65 to pipeline at Nicolaus Rd and "O" Street	1,885	LF	\$310	\$584,350	\$146,088	\$146,088	\$876,525
Sn21D	24" McCourtney Rd	650	LF	\$397	\$258,050	\$64,513	\$64,513	\$387,075
Sn22	54" from Nicolaus Road to Moore Road (depths from approx. 30'-35')	11,600	LF	\$1,307	\$15,161,200	\$3,790,300	\$3,790,300	\$22,741,800
Sn22	60" from Moore Road to WWTRF (depths from approx. 30'-35')	2,620	LF	\$1,378	\$3,610,360	\$902,590	\$902,590	\$5,415,540
	Subtotal				\$29,628,000	\$7,407,000	\$7,407,000	\$44,442,000
New Collection System Project Costs per 2005 General Plan Update								
SS100	15" within Village 4 to 24" within Proposed Street	5,300	LF	\$271	\$1,436,300	\$359,075	\$359,075	\$2,154,450
SS101A	24" within Village 4 to 42" leading to PS #2	6,300	LF	\$397	\$2,501,100	\$625,275	\$625,275	\$3,751,650
SS101B	24" within Village 4 to 42" leading to PS #2	6,500	LF	\$397	\$2,580,500	\$645,125	\$645,125	\$3,870,750
SS102	42" within Village 4 to PS #2	4,500	LF	\$648	\$2,916,000	\$729,000	\$729,000	\$4,374,000
SS103	12" within Nicolaus Rd west of Hwy 65 Bypass	5,100	LF	\$241	\$1,229,100	\$307,275	\$307,275	\$1,843,650
SS104	15" west of Dowd Rd in Village 5	1,700	LF	\$271	\$460,700	\$115,175	\$115,175	\$691,050
SS105	33" from Dowd Rd to 42" within Village 4 to PS #2	4,800	LF	\$513	\$2,462,400	\$615,600	\$615,600	\$3,693,600
SS106	24" between Proposed Hwy 65 Bypass to Dowd Rd	3,100	LF	\$397	\$1,230,700	\$307,675	\$307,675	\$1,846,050
SS107	12" paralleling Proposed Hwy 65 Bypass in SUD-A	5,100	LF	\$241	\$1,229,100	\$307,275	\$307,275	\$1,843,650
SS108	27" within Dowd Rd west of Hwy 65 Bypass in Village 4	4,900	LF	\$427	\$2,092,300	\$523,075	\$523,075	\$3,138,450
SS109	21" east of Proposed Hwy 65 Bypass in SUD-A	4,900	LF	\$346	\$1,695,400	\$423,850	\$423,850	\$2,543,100
SS110	15" between Dowd Rd and Hwy 65 Bypass in SUD-A	3,100	LF	\$271	\$840,100	\$210,025	\$210,025	\$1,260,150
SS111	15" east of Hwy 65 Bypass in SUD-A	1,800	LF	\$271	\$487,800	\$121,950	\$121,950	\$731,700
SS112	42" connecting from Wise Rd to Aviation Blvd Pipe (Sn4)	7,500	LF	\$648	\$4,860,000	\$1,215,000	\$1,215,000	\$7,290,000
SS113	39" within Chamberlain Rd in Village 3	9,000	LF	\$598	\$5,382,000	\$1,345,500	\$1,345,500	\$8,073,000
SS114	27" connecting to 39" within Chamberlain Drive in Village 3	9,400	LF	\$427	\$4,013,800	\$1,003,450	\$1,003,450	\$6,020,700
SS115A	18" connecting to 27" in Village 3	4,500	LF	\$310	\$1,395,000	\$348,750	\$348,750	\$2,092,500
SS115B	12" connecting to 18" in Village 3	3,500	LF	\$241	\$843,500	\$210,875	\$210,875	\$1,265,250
SS116	18" partially within Manzanita Dr connection to 39" in Village 3	6,400	LF	\$310	\$1,984,000	\$496,000	\$496,000	\$2,976,000
SS117A	24" connecting to 27" within Village 3 @ Wise Rd	2,900	LF	\$397	\$1,151,300	\$287,825	\$287,825	\$1,726,950
SS117B	18" connecting to 27" within Village 3 @ Wise Rd	2,600	LF	\$310	\$806,000	\$201,500	\$201,500	\$1,209,000
SS118A	15" connecting from Lincoln Blvd to 24" within Village 3	2,600	LF	\$271	\$704,600	\$176,150	\$176,150	\$1,056,900
SS118B	15" connecting into 15" and 24" within Village 3	1,800	LF	\$271	\$487,800	\$121,950	\$121,950	\$731,700
SS119	18" within Gladding Rd (Village 2)	2,500	LF	\$310	\$775,000	\$193,750	\$193,750	\$1,162,500
SS120	15" within Virginiatown Rd in Village 1	4,000	LF	\$271	\$1,084,000	\$271,000	\$271,000	\$1,626,000
SS121	18" Connecting to Ferrari Ranch Rd	5,300	LF	\$310	\$1,643,000	\$410,750	\$410,750	\$2,464,500
SS122	42" Connecting between 18" and Ferrari Ranch Rd	1,500	LF	\$648	\$972,000	\$243,000	\$243,000	\$1,458,000
SS123	18" connecting to Hwy 193 Pipe from South	2,600	LF	\$310	\$806,000	\$201,500	\$201,500	\$1,209,000
SS124	15" Connecting to 18" in Village 1	4,000	LF	\$271	\$1,084,000	\$271,000	\$271,000	\$1,626,000
SS125	15" connecting to Hwy 193 Pipe from North (further west)	3,600	LF	\$271	\$975,600	\$243,900	\$243,900	\$1,463,400
SS126	15" connecting to Hwy 193 Pipe from North (further east)	2,400	LF	\$271	\$650,400	\$162,600	\$162,600	\$975,600
SS127	21" connecting to Hwy 193 from South	3,200	LF	\$346	\$1,107,200	\$276,800	\$276,800	\$1,660,800
SS128	12" in Catlett Rd between Fiddymnt Rd and Dowd Rd in SUD-C	2,400	LF	\$241	\$578,400	\$144,600	\$144,600	\$867,600
SS129	15" in Catlett Rd between Fiddymnt Rd and Dowd Rd in SUD-C	2,700	LF	\$271	\$731,700	\$182,925	\$182,925	\$1,097,550
SS130	18" in Catlett Rd between Fiddymnt Rd and Dowd Rd in SUD-C	2,600	LF	\$310	\$806,000	\$201,500	\$201,500	\$1,209,000
SS131	24" within Dowd Rd connecting from Catlett Rd to Moore Rd	7,900	LF	\$397	\$3,136,300	\$784,075	\$784,075	\$4,704,450
SS132	30" connecting into Moore Rd 36" Gravity Sewer in Village 6	2,400	LF	\$477	\$1,144,800	\$286,200	\$286,200	\$1,717,200
SS133	15" within Catlett Rd in Village 6	2,700	LF	\$271	\$731,700	\$182,925	\$182,925	\$1,097,550
SS134	18" between Catlett Rd and Moore Rd in Village 6	6,400	LF	\$310	\$1,984,000	\$496,000	\$496,000	\$2,976,000
SS135	24" between Catlett Rd and Moore Rd in Village 6	4,900	LF	\$397	\$1,945,300	\$486,325	\$486,325	\$2,917,950
SS136	36" within Moore Rd in Village 6	6,300	LF	\$548	\$3,452,400	\$863,100	\$863,100	\$5,178,600
SS137	27" North of Moore Rd in Village 5	2,800	LF	\$427	\$1,195,600	\$298,900	\$298,900	\$1,793,400
SS138	24" connecting to 27" North of Moore Rd in Village 5	2,800	LF	\$397	\$1,111,600	\$277,900	\$277,900	\$1,667,400
SS139	15" connecting to 24" North of Moore Rd in Village 5	5,100	LF	\$271	\$1,382,100	\$345,525	\$345,525	\$2,073,150
SS140	15" connecting to 27" North of Moore Rd in Village 5	6,200	LF	\$271	\$1,680,200	\$420,050	\$420,050	\$2,520,300
SS141	12" south of Nicolaus Rd connecting into 42" Main in Nicolaus Rd in SUD-B	4,900	LF	\$241	\$1,180,900	\$295,225	\$295,225	\$1,771,350
SS142A	12" connecting to 54" Main from east within SUD-B	4,200	LF	\$241	\$1,012,200	\$253,050	\$253,050	\$1,518,300
SS142B	12" connecting to 54" Main from west within SUD-B	1,200	LF	\$241	\$289,200	\$72,300	\$72,300	\$433,800
SS143	21" connecting to 60" within Moore Rd in Village 7	3,000	LF	\$346	\$1,038,000	\$259,500	\$259,500	\$1,557,000
SS144	12" connecting to 21" from south in Village 7	1,500	LF	\$241	\$361,500	\$90,375	\$90,375	\$542,250
SS145	12" connecting to 21" from east in Village 7	2,700	LF	\$241	\$650,700	\$162,675	\$162,675	\$976,050
SS146	39" within Moore Rd west of Fiddymnt Rd	2,700	LF	\$598	\$1,614,600	\$403,650	\$403,650	\$2,421,900
SS151A	18" Force Main within Moore Rd from PS #1 to west of Fiddymnt Rd	14,500	LF	\$164	\$2,370,750	\$592,688	\$592,688	\$3,556,125
SS151B	24" Force Main within Moore Rd from PS #1 to west of Fiddymnt Rd	14,500	LF	\$214	\$3,099,375	\$774,844	\$774,844	\$4,649,063
SS152	Pump Station #1 in Village 6	1	LS	\$2,496,000	\$2,496,000	\$624,000	\$624,000	\$3,744,000
SS153	Pump Station #2 in Village 4	1	LS	\$2,496,000	\$2,496,000	\$624,000	\$624,000	\$3,744,000
SS154A	15" Force Main within Nicolaus Rd from PS #2 to Intersection of Airport Rd	16,200	LF	\$152	\$2,466,450	\$616,613	\$616,613	\$3,699,675
SS154B	21" Force Main within Nicolaus Rd from PS #2 to Intersection of Airport Rd	16,200	LF	\$191	\$3,098,250	\$774,563	\$774,563	\$4,647,375
SS155	18" from Nicolaus Rd to SN17	2,300	LF	\$310	\$713,000	\$178,250	\$178,250	\$1,069,500
	Subtotal				\$94,654,000	\$23,663,000	\$23,663,000	\$141,981,000
Wastewater Projects Total:					\$29,628,000	\$31,070,000	\$31,070,000	\$186,423,000

Notes:

- 1) The unit costs for the force mains were calculated using the gravity pipe unit costs for pipes less than 9' in depth minus 25% to calibrate the unit cost within close proximity of the bid price for the Midwestern Placer Regional Sewer Project.
- 2) The above list only includes future construction project costs. It does not include existing obligation costs, funding breakdowns, etc.
- 3) The South Lincoln Sewer Project is not included on this list of future construction project costs, per City direction.