

## STATE ROUTE 120 MCKINLEY AVENUE INTERCHANGE PROJECT

Published Project Estimate (with 5% Contingency): \$

27,000,000.00

April 27, 2022

DESILVA GATES CONSTRUCTION LLC - DUBLIN, CA

APPARENT LOW

ITEM NO.	ITEM CODE	FINAL PAY ITEM	ITEM DESCRIPTION	UNITS	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
1	050000A		CONSTRUCTION SURVEYS	LS	1	100,000.00	100,000.00
2	080050		PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	2,000.00	2,000.00
3	090100		TIME-RELATED OVERHEAD (WDAY)	WDAY	280	4,000.00	1,120,000.00
4	120090		CONSTRUCTION AREA SIGNS	LS	1	35,000.00	35,000.00
5	120100		TRAFFIC CONTROL SYSTEM	LS	1	300,000.00	300,000.00
6	120110		FLASHING ARROW SIGN	EA	2	1,000.00	2,000.00
7	120120		TYPE III BARRICADE	EA	46	50.00	2,300.00
8	120149		TEMPORARY PAVEMENT MARKING (PAINT)	SQFT	145	10.00	1,450.00
9	120159		TEMPORARY TRAFFIC STRIPE (PAINT)	LF	6,340	0.50	3,170.00
10	120165		CHANNELIZER (SURFACE MOUNTED)	EA	962	35.00	33,670.00
11	120200		FLASHING BEACON (PORTABLE)	EA	4	1,000.00	4,000.00
12	128652		PORTABLE CHANGEABLE MESSAGE SIGN (LS)	LS	1	5,000.00	5,000.00
13	129000		TEMPORARY RAILING (TYPE K)	LF	7,010	15.00	105,150.00
14	129100		TEMPORARY CRASH CUSHION MODULE	EA	42	300.00	12,600.00
15	129150		TEMPORARY TRAFFIC SCREEN	LF	6,940	10.00	69,400.00
16	130100		JOB SITE MANAGEMENT	LS	1	10,000.00	10,000.00
17	130300		PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	1,500.00	1,500.00
18	130330		STORM WATER ANNUAL REPORT	EA	2	2,000.00	4,000.00
19	130505		MOVE-IN/MOVE-OUT (TEMPORARY EROSION CONTROL)	EA	10	800.00	8,000.00
20	130530		TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SQYD	232,500	0.60	139,500.00
21	130620		TEMPORARY DRAINAGE INLET PROTECTION	EA	13	300.00	3,900.00
22	130640		TEMPORARY FIBER ROLL	LF	25,000	3.00	75,000.00
23	130680		TEMPORARY SILT FENCE	LF	18,000	3.00	54,000.00
24	130710		TEMPORARY CONSTRUCTION ENTRANCE	EA	4	6,000.00	24,000.00
25	130730		STREET SWEEPING	LS	1	8,000.00	8,000.00
26	130900		TEMPORARY CONCRETE WASHOUT	LS	1	1,000.00	1,000.00
27	141120		TREATED WOOD WASTE	LB	18,300	0.25	4,575.00
28	146001		CONTRACTOR-SUPPLIED BIOLOGIST (DAY)	DAY	50	800.00	40,000.00
29	146003		NATURAL RESOURCE PROTECTION PLAN	LS	1	2,000.00	2,000.00
30	150120		DESTROY WELL	EA	2	10,000.00	20,000.00
31	160110		TEMPORARY HIGH-VISIBILITY FENCE	LF	4,100	4.00	16,400.00
32	170103		CLEARING AND GRUBBING (LS)	LS	1	229,147.00	229,147.00
33	190101		ROADWAY EXCAVATION	CY	161,122	4.00	644,488.00
34	190110		LEAD COMPLIANCE PLAN	LS	1	1,000.00	1,000.00
35	192055	F	STRUCTURE EXCAVATION (SOIL NAIL WALL)	CY	148	50.00	7,400.00
36	192060	F	STRUCTURE EXCAVATION (GROUND ANCHOR WALL)	CY	453	50.00	22,650.00
37	193027	F	STRUCTURE BACKFILL (GROUND ANCHOR WALL)	CY	41	100.00	4,100.00
38	193028	F	STRUCTURE BACKFILL (SOIL NAIL WALL)	CY	18	100.00	1,800.00
39	193119A		CONTROLLED LOW STRENGTH MATERIAL ENCASMENT ON EXISTING 12" SSFM	CY	150	640.00	96,000.00
40	194001		DITCH EXCAVATION	CY	60	10.00	600.00
41	198010		IMPORTED BORROW (CY)	CY	109,261	27.00	2,950,047.00
42	208739		10" CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT	LF	220	200.00	44,000.00
43	210360		COMPOST SOCK	LF	13,300	6.00	79,800.00
44	210430		HYDROSEED	SQFT	2,100,000	0.10	210,000.00
45	260203		CLASS 2 AGGREGATE BASE (CY)	CY	11,640	65.00	756,600.00
46	290201		ASPHALT TREATED PERMEABLE BASE	CY	410	150.00	61,500.00
47	390132		HOT MIX ASPHALT (TYPE A)	TON	24,130	100.00	2,413,000.00
48	394073		PLACE HOT MIX ASPHALT DIKE (TYPE A)	LF	90	3.00	270.00
49	394076		PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	460	3.00	1,380.00
50	394077		PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	2,120	3.00	6,360.00
51	397005		TACK COAT	TON	30	1,500.00	45,000.00

52	398200		COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	20	50.00	1,000.00
53	401050		JOINTED PLAIN CONCRETE PAVEMENT	CY	9,770	300.00	2,931,000.00
54	460210		GROUND ANCHOR (SUBHORIZONTAL)	EA	102	3,000.00	306,000.00
55	460300		SOIL NAIL	LF	2,920	90.00	262,800.00
56	498052		60" CAST-IN-DRILLED-HOLE CONCRETE PILE (SIGN FOUNDATION)	LF	55	1,500.00	82,500.00
57	510060	F	STRUCTURAL CONCRETE, RETAINING WALL	CY	221	1,500.00	331,500.00
58	510094	F	STRUCTURAL CONCRETE, DRAINAGE INLET	CY	210	1,500.00	315,000.00
59	511064	F	FRACTURED RIB TEXTURE	SQFT	4,454	25.00	111,350.00
60	520103	F	BAR REINFORCING STEEL (RETAINING WALL)	LB	74,025	3.00	222,075.00
61	530200	F	STRUCTURAL SHOTCRETE	CY	191	700.00	133,700.00
62	560218	F	FURNISH SIGN STRUCTURE (TRUSS)	LB	39,190	7.00	274,330.00
63	560219	F	INSTALL SIGN STRUCTURE (TRUSS)	LB	39,190	0.50	19,595.00
64	568062		PEDESTRIAN BARRICADE	EA	4	750.00	3,000.00
65	610300	F	CONCRETE BACKFILL (PIPE TRENCH)	CY	131	350.00	45,850.00
66	650307		12" REINFORCED CONCRETE PIPE (CLASS III)	LF	855	130.00	111,150.00
67	650311		18" REINFORCED CONCRETE PIPE (CLASS III)	LF	595	130.00	77,350.00
68	650316		24" REINFORCED CONCRETE PIPE (CLASS III)	LF	5,830	150.00	874,500.00
69	650511		18" REINFORCED CONCRETE PIPE (CLASS V)	LF	90	130.00	11,700.00
70	650516		24" REINFORCED CONCRETE PIPE (CLASS V)	LF	690	150.00	103,500.00
71	665017		18" CORRUGATED STEEL PIPE (.079" THICK)	LF	130	130.00	16,900.00
72	665024		24" CORRUGATED STEEL PIPE (.109" THICK)	LF	285	150.00	42,750.00
73	700617		DRAINAGE INLET MARKER	EA	51	25.00	1,275.00
74	705201		12" CONCRETE FLARED END SECTION	EA	3	2,500.00	7,500.00
75	705204		18" CONCRETE FLARED END SECTION	EA	7	3,000.00	21,000.00
76	705206		24" CONCRETE FLARED END SECTION	EA	19	4,000.00	76,000.00
77	710102		ABANDON CULVERT	LF	475	28.00	13,300.00
78	710116A		ABANDON EXISTING 36-INCH HDPE EFFLUENT PIPELINE	LS	1	10,000.00	10,000.00
79	710132		REMOVE CULVERT (LF)	LF	890	30.00	26,700.00
80	710136A		REMOVE 36" HDPE EFFLUENT PIPE	LF	150	50.00	7,500.00
81	710150		REMOVE INLET	EA	11	500.00	5,500.00
82	710160		REMOVE JUNCTION BOX	EA	1	1,000.00	1,000.00
83	710167		REMOVE FLARED END SECTION (EA)	EA	14	500.00	7,000.00
84	710208		ADJUST FRAME AND COVER TO GRADE	EA	1	1,000.00	1,000.00
85	720006		REMOVE SLOPE PAVING (LS)	LS	1	5,000.00	5,000.00
86	721810		SLOPE PAVING (CONCRETE)	CY	10	1,500.00	15,000.00
87	723060		ROCK SLOPE PROTECTION (300 LB, CLASS IV, METHOD B) (CY)	CY	340	125.00	42,500.00
88	729011		ROCK SLOPE PROTECTION FABRIC (CLASS 8)	SQYD	1,660	10.00	16,600.00
89	730040		MINOR CONCRETE (GUTTER)	LF	550	40.00	22,000.00
90	730070		DETECTABLE WARNING SURFACE	SQFT	75	60.00	4,500.00
91	731502		MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)	CY	800	550.00	440,000.00
92	731518		MINOR CONCRETE (BRUSHED CONCRETE)	SQFT	1,150	14.00	16,100.00
93	731530		MINOR CONCRETE (TEXTURED PAVING)	CY	140	800.00	112,000.00
94	733000		PRE/POST CONSTRUCTION SURVEYS	EA	2	2,000.00	4,000.00
95	750001	F	MISCELLANEOUS IRON AND STEEL	LB	24,710	5.00	123,550.00
96	770001A		CITY OF MANTECA STORM DRAIN INLET MARKER	EA	6	50.00	300.00
97	770002A		CITY OF MANTECA STORM DRAIN MANHOLE	EA	6	10,000.00	60,000.00
98	770070		SIGNAL AND LIGHTING (CITY STREET LOCATION 3)	LS	1	350,000.00	350,000.00
99	770081A		FURNISH AND INSTALL 36-INCH HDPE PIPELINE, OPEN-CUT	LF	2,300	450.00	1,035,000.00
100	770082A		EXISTING LINE SHUT-DOWN AND DEWATERING	LS	1	25,000.00	25,000.00
101	770086A		<del>REMOVE AND</del> INSTALL 48" MANHOLE (12" SSF) WITH ARV	EA	1	35,000.00	35,000.00
102	780250		ADJUST MONUMENT COVER TO GRADE	EA	2	2,500.00	5,000.00
103	780256		ADJUST ACCESS BOX (UTILITY)	EA	3	500.00	1,500.00
104	780258		ADJUST MANHOLE FRAME AND COVER (UTILITY)	EA	2	1,000.00	2,000.00
105	800103		TEMPORARY FENCE (TYPE CL-6)	LF	1,945	5.00	9,725.00
106	800360		CHAIN LINK FENCE (TYPE CL-6)	LF	9,510	22.00	209,220.00
107	803020		REMOVE FENCE	LF	10,230	4.00	40,920.00
108	803020A		REMOVE FENCE (LS)	LS	1	5,000.00	5,000.00
109	810170		DELINEATOR (CLASS 1)	EA	219	40.00	8,760.00
110	810190		GUARD RAILING DELINEATOR	EA	30	40.00	1,200.00

111	810230		PAVEMENT MARKER (RETROFLECTIVE)	EA	1,300	4.00	5,200.00
112	820131		OBJECT MARKER (TYPE K)	EA	1	50.00	50.00
113	820132		OBJECT MARKER (TYPE L)	EA	3	50.00	150.00
114	820135		OBJECT MARKER (TYPE R)	EA	3	50.00	150.00
115	820250		REMOVE ROADSIDE SIGN	EA	2	100.00	200.00
116	820350		REMOVE SIGN FROM SIGN FRAME	EA	1	1,000.00	1,000.00
117	820620		RELOCATE ROADSIDE SIGN (METAL POST)	EA	1	250.00	250.00
118	820630		RELOCATE ROADSIDE SIGN (WOOD POST)	EA	10	250.00	2,500.00
119	820710		FURNISH LAMINATED PANEL SIGN (1" - TYPE A)	SQFT	440	40.00	17,600.00
120	820760		FURNISH SINGLE SHEET ALUMINUM SIGN (0.080" - UNFRAMED)	SQFT	80	20.00	1,600.00
121	820760A		FURNISH SINGLE SHEET ALUMINUM SIGN (0.080" - UNFRAMED) FOR RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	560	20.00	11,200.00
122	820765A		RETROREFLECTIVE SHEETING (TYPE XI)	SQFT	1,000	5.00	5,000.00
123	820840		ROADSIDE SIGN - ONE POST	EA	53	300.00	15,900.00
124	820850		ROADSIDE SIGN - TWO POST	EA	16	500.00	8,000.00
125	820860		INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)	EA	10	100.00	1,000.00
126	820880		INSTALL SIGN (MAST-ARM HANGER METHOD)	EA	18	250.00	4,500.00
127	820890		INSTALL SIGN PANEL ON EXISTING FRAME	SQFT	140	10.00	1,400.00
128	832006		MIDWEST GUARDRAIL SYSTEM (STEEL POST)	LF	2,600	40.00	104,000.00
129	832070		VEGETATION CONTROL (MINOR CONCRETE)	SQYD	1,020	75.00	76,500.00
130	839521	F	CABLE RAILING	LF	544	25.00	13,600.00
131	839543		TRANSITION RAILING (TYPE WB-31)	EA	4	5,000.00	20,000.00
132	839581		END ANCHOR ASSEMBLY (TYPE SFT)	EA	2	1,000.00	2,000.00
133	839584		ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	5	4,000.00	20,000.00
134	839640		CONCRETE BARRIER (TYPE 60M)	LF	40	175.00	7,000.00
135	839643		CONCRETE BARRIER (TYPE 60MD)	LF	550	100.00	55,000.00
136	839745		CONCRETE BARRIER TRANSITION	LF	4	1,800.00	7,200.00
137	839752		REMOVE GUARDRAIL	LF	1,360	8.00	10,880.00
138	840617		6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 6-1)	LF	750	1.00	750.00
139	840621		6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 17-7)	LF	8,110	1.00	8,110.00
140	840623		6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 36-12)	LF	6,480	1.00	6,480.00
141	846007		6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	28,620	1.25	35,775.00
142	846008		6" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 8-4)	LF	850	1.50	1,275.00
143	846009		8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY)	LF	10,960	1.50	16,440.00
144	846010		8" THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET NIGHT VISIBILITY) (BROKEN 12-3)	LF	550	1.50	825.00
145	846012		THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING (ENHANCED WET NIGHT VISIBILITY)	SQFT	8,845	7.00	61,915.00
146	846030		REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	6,740	2.00	13,480.00
147	870009		MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	1	3,000.00	3,000.00
148	870200		LIGHTING SYSTEM	LS	1	300,000.00	300,000.00
149	870400		SIGNAL AND LIGHTING SYSTEM	LS	1	425,000.00	425,000.00
150	870411A		EMERGENCY VEHICLE DETECTION SYSTEM	LS	1	15,000.00	15,000.00
151	870510		RAMP METERING SYSTEM	LS	1	425,000.00	425,000.00
152	871300		CAMERA SYSTEMS	LS	1	25,000.00	25,000.00
153	872005A		TEMPORARY TRAFFIC MONITORING STATION SYSTEM	LS	1	25,000.00	25,000.00
154	872135		MODIFYING TRAFFIC MONITORING STATIONS	LS	1	100,000.00	100,000.00
155	960000A		TRIAx TX5CA GEOGRID	SQYD	68,300	5.00	341,500.00
156	999985A		REMOVE STORAGE BARN	LS	1	7,500.00	7,500.00
157	999986A		REMOVE SHED	LS	1	7,500.00	7,500.00
158	999987A		REMOVE MOBILE HOME	LS	1	10,000.00	10,000.00
159	999990		MOBILIZATION	LS	1	2,338,000.00	2,338,000.00
<b>TOTAL</b>							<b>23,387,387.00</b>