



City of Alameda, California

August 9, 2018

TO: ALL BIDDERS

Cross Alameda Trail Ralph Appezato Memorial Parkway Improvements

a.k.a.

CAT / RAMP + Gap

**ALONG RAMP and ATLANTIC AVENUE BETWEEN
MAIN STREET and CONSTITUTION WAY**

PROJECT NUMBER P.W. 03-18-11

ADDENDUM NO. 02

(Note: All Addenda reside on BPXpress's (Richmond) website – including previous Addendum No. 01. See BPXpress, Central Avenue, Richmond, CA website; Online Planroom, "Find Jobs to Bid", City of Alameda; Cross Alameda Trail, Ralph Appezato Memorial Parkway Improvements, "View project details".)

Addendum No. 02 is hereby issued for misc. clarifications of the Bid Documents (Project Manual and Plans), items hereby incorporated into the Bidding Documents:

Owner Clarifications:

- 1) See attached updated **BASE BID SCHEDULE**. Updates include a) deletion of Funding Package #5, items (202, 203) reincorporated into **FUNDING PACKAGE #4 and #3** respectively, and b) re-naming of Funding Package #1 from 'Donut Shop' to "**1930 Main Street**".
- 2) See attached updated Funding Package Exhibit (**Attachment P – CAT RAMP FUNDING PACKAGE EXHIBIT**). Updates include deletion of Funding Package #5 and re-naming of Funding Package #1 (formerly 'Donut Shop', now "**1930 Main Street**").
- 3) See attached "1930 MAIN STREET – PARKING LOT EXHIBIT", dated 8/8/18. This exhibit, a revised excerpt of sheet C3.01, reflects an update to the 'Donut Shop' parking lot paving plan; "remove all asphalt as indicated, keep existing aggregate base for reuse. Contractor to re-compact existing AB and place 4" of new asphalt."
- 4) See attached Project Manual updates:
 - a) Page 90, SOUND CONTROL REQUIREMENTS update to "**90 dBA at 50 feet**",
 - b) Pages 113 – 114, Section 10.16 CLEARING AND GRUBBING, text insertion in 2nd bullet point pg. 114; "**Section 10.13 DISPOSAL OF MATERIALS**",
 - c) Page 171, Section 10.54 REUSE EXISTING MULCH, language added for testing, and minor text corrections.

- Attachments:
1. Updated Base Bid Schedule,
 2. Updated Funding Package Exhibit – Attachment P,
 3. New 1930 MAIN STREET – PARKING LOT EXHIBIT, dated 8/8/18,
 4. Updated pages from Project Manual; pages 90, 113 – 114, and 171.



City of Alameda, California

APPROVED: Jack Dybas

Date: August 9, 2018



Jack Dybas, Project Manager II
City of Alameda / Public Works
950 West Mall Square / Alameda, CA 94501
(510) 747-7948 / jdymas@alamedaca.gov

Receipt is hereby acknowledged of **Addendum No. 02**, for **Cross Alameda Trail (CAT/RAMP + Gap)**,
No. P.W. 03-18-11

Company Name / Contractor

Date: _____

By: _____

NOTE: THIS ADDENDUM (minus the attachments and/or exhibits), SIGNED AND DATED, MUST BE RETURNED WITH YOUR BID.

CITY OF ALAMEDA
CROSS ALAMEDA TRAIL - RALPH APPEZZATO MEMORIAL PARKWAY + GAP
BASE BID SCHEDULE

ITEM	DESCRIPTION	SPEC. REF.	UNIT COST	QTY.	UNIT	AMOUNT
FUNDING PACKAGE #1 (1930 Main Street)						
1	REMOVE CONCRETE CURB	10.19		39	LF	\$
2	ACCESSIBLE RAMPS	10.44		100	SF	\$
3	ACCESSIBLE SIGN	10.65		1	EA	\$
4	AC PAVEMENT GRIND	10.46		4,900	SF	\$
5	ASPHALT AT PARKING LOT	10.46		122	TON	\$
6	6" CONCRETE CURB	10.44		39	LF	\$
7	INSTALL PARKING STRIPING (4")	10.48		370	SF	\$
FUNDING PACKAGE #2 (FTA via BART)						
8	MOBILIZATION (2.5% of Base Bid)	10.04		1	LS	\$
9	TRAFFIC CONTROL	10.04		1	LS	\$
10	TEMPORARY CONSTRUCTION FENCING	10.05		2,809	LF	\$
11	INSTALL PROJECT SIGNS	10.06		1	LS	\$
12	CONSTRUCTION STAKING	10.34		1	LS	\$
13	CONSTRUCTION SURVEYING (CAP VERIFICATION)	10.30		1	LS	\$
14	SWPPP/EROSION CONTROL	10.08		1	LS	\$
15	CLEARING AND GRUBBING	10.16		117,868	SF	\$
16	TREE REMOVAL	10.18		29	EA	\$
17	TREE TRIMMING	10.18		1	LS	\$
18	REMOVE CONCRETE CURB AND GUTTER	10.19		506	LF	\$
19	REMOVE CONCRETE PAVING	10.19		2,874	SF	\$
20	REMOVE ASPHALT CONCRETE PAVING	10.19		14,594	SF	\$
21	SALVAGE SIGNS	10.16		2	EA	\$
22	TREE PROTECTION	10.18		1	LS	\$
23	REMOVE BOLLARDS	10.21		6	EA	\$
24	REMOVE AND DISPOSE OF EXISTING BUILDING	10.20		1	EA	\$
25	REMOVE CHAIN LINK FENCE	10.22		150	LF	\$
26	TEMPORARY CONTAINMENT	10.27		1,480	CY	\$
27	GEOTEXTILE SEPARATION BARRIER	10.33		155,719	SF	\$
28	REUSE EXISTING MULCH	10.56		20,400	SF	\$
29	EROSION CONTROL LAYER / HYDROSEED	10.53		81,600	SF	\$

ITEM	DESCRIPTION	SPEC. REF.	UNIT COST	QTY.	UNIT	AMOUNT
30	EARTHWORK - EXCAVATION (CUT TO BURIAL)	10.32		3,230	CY	\$
31	FULL DEPTH RECLAMATION (REVOCABLE)	10.31		59,700	SF	\$
32	FINE GRADING	10.29		59,700	SF	\$
33	CEMENT APPLICATION (REVOCABLE)	10.31		20	TON	\$
34	IMPORT AND PLACE CLEAN FILL (REVOCABLE)	10.28		9,600	CY	\$
35	CLASS II RECYCLED AGGREGATE BASE - 8" BIKE & JOG, 4" WALKIING	10.45		2,000	TON	\$
36	WALKING PATH - 2" ASPHALT	10.46		125	TON	\$
37	JOGGING PATH - 4" DECOMPOSED GRANITE	10.47		203	TON	\$
38	3" ASPHALT AT INTERSECTIONS	10.46		50	TON	\$
39	CONCRETE PAVING (PLAZAS)	10.44		3,100	SF	\$
40	4" CONCRETE AT INTERSECTIONS & ACCESS PATHS	10.44		3,635	SF	\$
41	BICYCLE PATH - 3" ASPHALT	10.46		435	TON	\$
42	AGGREGATE BASE SERVICE ROAD FOR MH ACCESS	10.45		94	TON	\$
43	PEDESTRIAN CURB RAMP	10.44		625	SF	\$
44	2 " by 4 ' CDF CAP (INSTALLED ADJACENT TO TRAVEL WAY)			41	CY	\$
45	BICYCLE CURB RAMP	10.44		457	SF	\$
46	CONCRETE CURB AND GUTTER	10.44		813	LF	\$
47	MAIN STREET DRIVEWAY	10.44		1	EA	\$
48	STRIPING: 12" SOLID WHITE LINE	10.48		30	LF	\$
49	STRIPING: 4" SOLID YELLOW	10.48		400	LF	\$
50	STRIPING: 4" SOLID WHITE	10.48		120	LF	\$
51	STRIPING: 4" BROKEN YELLOW	10.48		1,350	LF	\$
52	PAVEMENT MARKINGS	10.48		55	EA	\$
53	NEW SIGNAGE	10.65		26	EA	\$
54	LANDSCAPE SOIL PREPARATION (INCLUDES COMPOST AT 6CY/1000SF AT 91,800 SF)	10.58		551	CY	\$
55	TREE - 15 GALLON	10.59		61	EA	\$
56	CONCRETE BAND	10.44		20	LF	\$
57	PAVERS AT EMERGENCY ACCESS	10.61		475	SF	\$
58	BRICK PAVERS - MORTAR SET WITH CONCRETE BASE	10.62		209	SF	\$
59	BOULDER	10.64		50	TON	\$
60	TRAFFIC SIGNS/POSTS/WAYFINDING SIGNAGE-NOT SHOWN IN PLANS	10.65		1	EA	\$
61	SHEET MULCH (2 LAYERS OF RECYCLED CARDBOARD)	10.67		10,400	SF	\$
62	RECYCLED WOOD MULCH (2 INCH DEPTH/10,400 SF)(REVOCABLE)	10.68		64	CY	\$

ITEM	DESCRIPTION	SPEC. REF.	UNIT COST	QTY.	UNIT	AMOUNT
63	METAL HEADER	10.63		40	LF	\$
64	BENCHES	10.70		3	EA	\$
65	BIKE RACKS	10.72		3	EA	\$
66	TREE GRATE	10.74		1	EA	\$
67	LANDSCAPE MAINTENANCE (1 YEAR)	10.73		1	LS	\$
68	SLOW RELEASE WATERING BAG - TREES	10.52		122	EA	\$
69	ADJUST MANHOLE LID (SS/SD) TO GRADE	10.38		6	EA	\$
70	CONNECT TO EXISTING STORM SYSTEM	10.35		16	EA	\$
71	STORM DRAIN AREA DRAIN	10.36		25	EA	\$
72	SOLID DRAIN LINE, 6" PVC	10.37		576	LF	
73	TRAFFIC SIGNAL MODIFICATION (THIRD ST/RAMP)	10.50		1	LS	\$
74	TRAFFIC SIGNAL MODIFICATION (POGGI ST/RAMP)	10.50		1	LS	\$
FUNDING PACKAGE #3 (ACTC Discretionary)						
75	MOBILIZATION (2.5% of Base Bid)	10.04		1	LS	\$
76	TRAFFIC CONTROL	10.04		1	LS	\$
77	TEMPORARY CONSTRUCTION FENCING	10.05		2,429	LF	\$
78	INSTALL PROJECT SIGNS	10.06		1	LS	\$
79	CONSTRUCTION STAKING	10.34		1	LS	\$
80	CONSTRUCTION SURVEYING (CAP VERIFICATION)	10.30		1	LS	\$
81	SWPPP/EROSION CONTROL	10.08		1	LS	\$
82	CLEARING AND GRUBBING	10.16		149,388	SF	\$
83	TREE REMOVAL	10.18		3	EA	\$
84	REMOVE CONCRETE CURB AND GUTTER	10.19		450	LF	\$
85	REMOVE CONCRETE PAVING	10.19		2,985	SF	\$
86	REMOVE ASPHALT CONCRETE PAVING	10.19		6,732	SF	\$
87	SALVAGE SIGNS	10.16		8	EA	\$
88	REMOVE BOLLARDS	10.21		18	EA	\$
89	DEMOLISH EXISTING LIGHT POLE BASES & CAP ELECTRICAL	10.23		1	LS	\$
90	TEMPORARY CONTAINMENT	10.27		1,480	CY	\$
91	GEOTEXTILE SEPARATION BARRIER	10.33		143,740	SF	\$
92	REUSE EXISTING MULCH	10.54		21,100	SF	\$
93	EROSION CONTROL LAYER / HYDROSEED	10.53		84,410	SF	\$
94	EARTHWORK - EXCAVATION (CUT TO BURIAL)	10.32		2,200	CY	\$

ADDENDUM NO. 02

ITEM	DESCRIPTION	SPEC. REF.	UNIT COST	QTY.	UNIT	AMOUNT
95	FULL DEPTH RECLAMATION (REVOCABLE)	10.31		56,800	SF	\$
96	FINE GRADING	10.29		56,800	SF	\$
97	CEMENT APPLICATION (REVOCABLE)	10.31		20	TON	\$
98	IMPORT AND PLACE CLEAN FILL (REVOCABLE)	10.28		3,400	CY	\$
99	CLASS II RECYCLED AGGREGATE BASE - 8" BIKE & JOG, 4" WALKING	10.45		2,450	TON	\$
100	WALKING PATH - 2" ASPHALT	10.46		160	TON	\$
101	JOGGING PATH - 4" DECOMPOSED GRANITE	10.47		262	TON	\$
102	3" ASPHALT AT INTERSECTIONS	10.46		11	TON	\$
103	CONCRETE PAVING (PLAZAS)	10.44		5,500	SF	\$
104	4" CONCRETE AT INTERSECTIONS & ACCESS PATHS	10.44		7,275	SF	\$
105	BICYCLE PATH - 3" ASPHALT	10.46		580	TON	\$
106	AGGREGATE BASE SERVICE ROAD FOR MH ACCESS	10.45		90	TON	\$
107	PEDESTRIAN CURB RAMP	10.44		310	SF	\$
108	2 " by 4 ' CDF CAP (INSTALLED ADJACENT TO TRAVEL WAY)			55	CY	\$
109	BICYCLE CURB RAMP	10.44		254	SF	\$
110	CONCRETE CURB AND GUTTER	10.48		88	LF	\$
111	STRIPING: 12" SOLID WHITE LINE	10.48		120	LF	\$
112	STRIPING: 4" SOLID YELLOW	10.48		567	LF	\$
113	STRIPING: 4" SOLID WHITE	10.48		690	LF	\$
114	STRIPING: 4" BROKEN YELLOW	10.48		1,440	LF	\$
115	STRIPING: 6" DOTTED WHITE	10.48		300	LF	\$
116	STRIPING: 6" SOLID WHITE LINE	10.48		1,200	LF	\$
117	PAVEMENT MARKINGS	10.48		101	EA	\$
118	NEW SIGNAGE	10.65		29	EA	\$
119	GREEN THERMOPLASTIC PAVEMENT MARKING	10.48		240	SF	\$
120	IRRIGATION (WEBSTER PLAZA)	10.58		1	LS	\$
121	LANDSCAPE SOIL PREPARATION (INCLUDES COMPOST AT 6CY/1000SF AT 95,200 SF)	10.59		571	CY	\$
122	SHRUBS 1 GALLON	10.59		538	EA	\$
123	TREE - 15 Gallon	10.60		71	EA	\$
124	CONCRETE SEAT WALLS	10.49		37	CY	\$
125	CONCRETE BAND	10.62		56	LF	\$
126	BRICK PAVERS - SAND SET	10.62		545	SF	\$
127	BRICK PAVERS - MORTAR SET WITH CONCRETE BASE	10.62		415	SF	\$

ADDENDUM NO. 02

ITEM	DESCRIPTION	SPEC. REF.	UNIT COST	QTY.	UNIT	AMOUNT
128	BOULDER	10.64		29	TON	\$
129	TRAFFIC SIGNS/POSTS/WAYFINDING SIGNAGE-NOT SHOWN IN PLANS	10.65		2	EA	\$
130	SHEET MULCH (2 LAYERS OF RECYCLED CARDBOARD)	10.67		11,000	SF	\$
131	RECYCLED WOOD MULCH (2 INCH DEPTH/11,000 SF)(REVOCALE)	10.68		68	CY	\$
132	BIORETENTION AREA ROCK MULCH (3" DEEP, 300SF)	10.69		3	CY	\$
133	METAL HEADER	10.63		54	LF	\$
134	BENCHES	10.70		1	EA	\$
135	BIKE RACKS	10.72		4	EA	\$
136	RELOCATE BIKE LOCKERS	10.71		3	EA	\$
137	LANDSCAPE MAINTENANCE (1 YEAR)	10.73		1	LS	\$
138	SLOW RELEASE WATERING BAG - TREES	10.52		86	EA	\$
139	CONNECT TO EXISTING STORM SYSTEM	10.35		18	EA	\$
140	ADJUST MANHOLE LID (SS/SD) TO GRADE	10.38		8	EA	\$
141	STORM DRAIN AREA DRAIN	10.36		23	EA	\$
142	STORM DRAIN CLEANOUT	10.36		1	EA	\$
143	SOLID DRAIN LINE, 6" PVC	10.37		363	LF	\$
144	PERFORATED DRAIN LINE, 6" PVC	10.37		32	LF	\$
145	BIORETENTION SOIL	10.41		26	TON	\$
146	CLASS II AB, PERMEABLE	10.42		22	TON	\$
147	(2) - 2" PVC LIGHTING CONDUIT	10.76		24	LF	\$
148	ELECTRICAL PULL BOXES	10.78		1	EA	\$
149	REMOVE CONCRETE CURB AND GUTTER	10.19		150	LF	\$
150	RELOCATION OF BUS STOP ENCLOSURE	10.16		1	LS	\$
151	ADJUST LIGHT POLE TO GRADE	10.38		1	EA	\$
152	RELOCATE TRASH CANS	10.25		2	EA	\$
153	ADJUST MANHOLES TO GRADE	10.38		2	EA	\$
154	ADJUST UTILITY BOX TO GRADE	10.38		2	EA	\$
155	TREES REMOVAL	10.18		2	EA	\$
156	CONCRETE CURB AND GUTTER	10.44		140	LF	\$
157	NEW SIGNAGE	10.67		2	EA	\$
158	RETAINING CURB	10.44		15	LF	\$
203	TRAFFIC SIGNAL MODIFICATION (FIFTH ST/RAMP)	10.50		1	LS	\$
FUNDING PACKAGE #4 (No Grant Funding)						

ADDENDUM NO. 02

ITEM	DESCRIPTION	SPEC. REF.	UNIT COST	QTY.	UNIT	AMOUNT
159	MOBILIZATION (2.5% of Base Bid)	10.04		1	LS	\$
160	TEMPORARY CONSTRUCTION FENCING	10.05		1,028	LF	\$
161	INSTALL PROJECT SIGNS	10.06		1	LS	\$
162	CONSTRUCTION STAKING	10.34		1	LS	\$
163	EROSION CONTROL LAYER / HYDROSEED	10.53		275	SF	\$
164	CLEARING AND GRUBBING (LANDSCAPE)	10.16		580	SF	\$
165	REMOVE CONCRETE CURB AND GUTTER	10.19		440	LF	\$
166	REMOVE CONCRETE CURB (MEDIAN)	10.19		1,650	SF	\$
167	REMOVE ASPHALT CONCRETE PAVING	10.19		2,305	SF	\$
168	REMOVE STRIPING	10.17		1	LS	\$
169	SALVAGE NEWSSTAND	10.26		1	LS	\$
170	TREE REMOVAL	10.18		2	EA	\$
171	TREE PROTECTION	10.18		1	LS	\$
172	RELOCATE IRRIGATION SYSTEM	10.51		1	LS	\$
173	REPLACE AC ROAD SECTION (12" ASPHALT)	10.46		50	TON	\$
174	NEW CONCRETE SIDEWALK	10.44		3,695	SF	\$
175	CONCRETE MEDIAN (ROADWAY MEDIAN)	10.44		175	SF	\$
176	RETAINING CURB	10.44		320	LF	\$
177	PEDESTRIAN CURB RAMP	10.44		440	SF	\$
178	BICYCLE CURB RAMP	10.44		560	SF	\$
179	CONCRETE CURB AND GUTTER	10.44		360	LF	\$
180	CONCRETE CURB	10.44		120	LF	\$
181	MOUNTABLE TRUCK APRON	10.44		90	SF	\$
182	COMMERCIAL DRIVEWAY	10.44		780	SF	\$
183	48" HIGH LANE DELINEATORS	10.66		26	EA	\$
184	NEW SIGNAGE	10.65		11	EA	\$
185	6" DETECTABLE WARNING STRIP	10.44		125	SF	\$
186	TRUNCATED DOMES	10.44		115	SF	\$
187	STRIPING: 24" SOLID WHITE LINE	10.48		1,580	LF	\$
188	STRIPING: 12" SOLID WHITE LINE	10.48		60	LF	\$
189	STRIPING: 4" BROKEN YELLOW LINE	10.48		650	LF	\$
190	STRIPING: 4" BROKEN WHITE LINE	10.48		600	LF	\$
191	STRIPING: 4" SOLID WHITE	10.48		530	LF	\$

ITEM	DESCRIPTION	SPEC. REF.	UNIT COST	QTY.	UNIT	AMOUNT
192	PAVEMENT MARKINGS	10.48		66	EA	\$
193	NON REFLECTIVE MARKERS	10.48		40	EA	\$
194	GREEN THERMOPLASTIC PAVEMENT MARKING	10.48		3,150	SF	\$
195	DRAIN INLETS	10.36		4	EA	\$
196	6" PVC STORM DRAIN PIPE	10.37		120	LF	\$
197	12" RCP STORM DRAIN PIPE	10.37		136	LF	\$
198	ADJUST UTILITY BOX TO GRADE	10.38		2	EA	\$
199	CONNECT TO EXISTING STORM SYSTEM	10.35		3	EA	\$
200	TRAFFIC SIGNAL MODIFICATION (WEBSTER ST/ATLANTIC AVE)	10.50		1	LS	\$
201	TRAFFIC SIGNAL MODIFICATION (ATLANTIC AVE/CONSTITUTION WAY)	10.50		1	LS	\$
202	ATLANTIC AVENUE RECTANGULAR RAPID FLASHING BEACON (RRFB) ASSEMBLY	10.50		1	LS	\$
BID ALTERNATES						
BID ALT #1						
211	IMPORT AND PLACE CLEAN FILL	10.28		13,000	CY	\$
BID ALT #2						
204	LIGHT FIXTURE, POLE, AND FOUNDATION	10.81		42	EA	\$
205	1.5" PVC LIGHTING CONDUIT	10.76		4135	LF	\$
206	LIGHTING IN-GRADE PULL BOX	10.78		42	EA	\$
207	#10 THWN CONDUCTORS	10.76		4,660	LF	\$
208	#8 THWN CONDUCTORS	10.76		22,760	LF	\$
209	TRENCHING	10.77		4,135	LF	\$
210	UTILITY PAD MOUNT	10.80		1	EA	\$

TOTAL BASE BID: Items 1 through 203 inclusive (IN WORDS): \$ _____

TOTAL ADD ALTERNATE BID #1 (IN WORDS): \$ _____

TOTAL ADD ALTERNATE BID #2 (IN WORDS): \$ _____

BIDDER NAME: _____

Refer to Attachment P "Funding Package Exhibit" for breakdown of funding packages.

This Bid Schedule must be completed in ink and must be included with the sealed Bid Proposal. The unit cost for each item must be inclusive of all costs, whether direct or indirect, including profit and overhead. The sum of all amounts entered in the extended total "Amount" column must be identical to the Base Bid price.

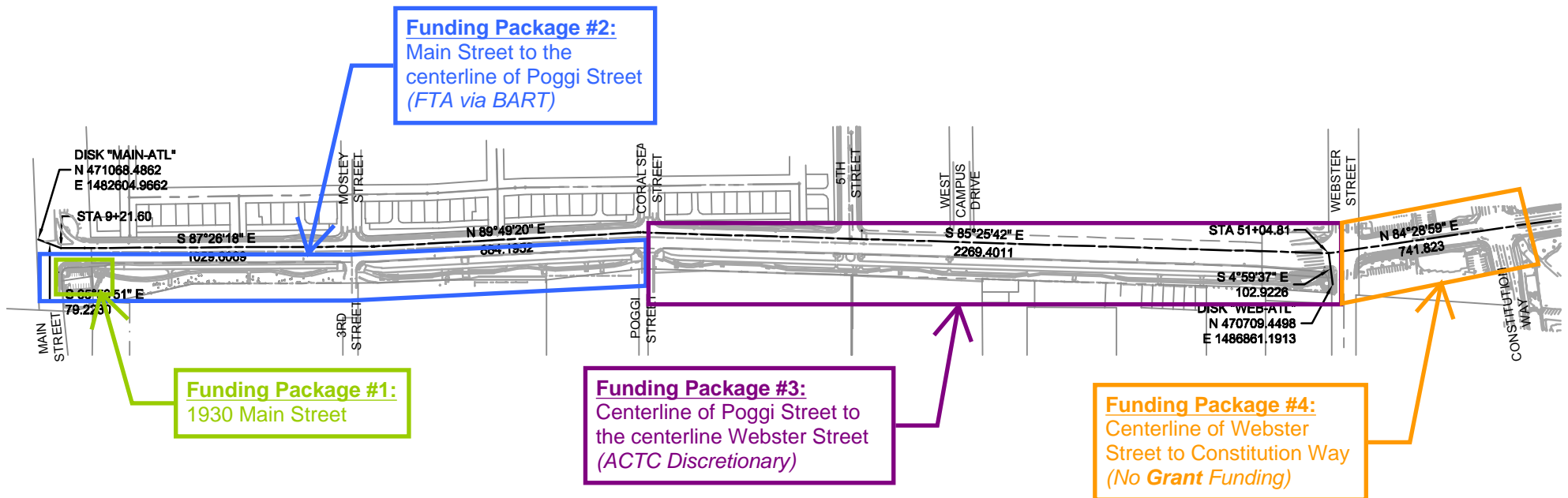
ALTERNATE BID ITEMS

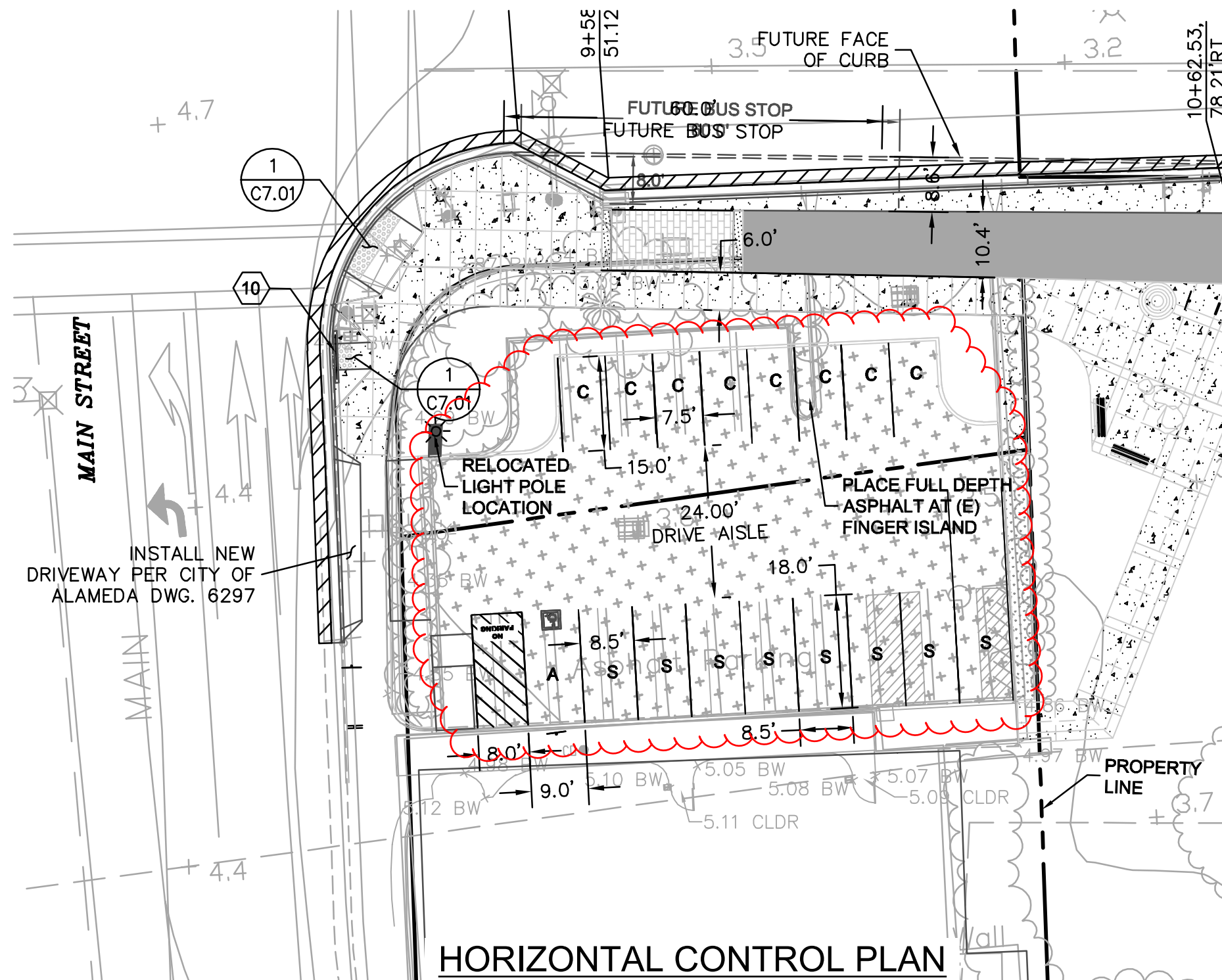
If and when Alternate bid items are called for in the Contract Documents, the lowest responsive bid will be determined on the basis of a total lump sum, equal to the sum of the Base Bid Schedule work only, unless otherwise provided in the Notice Inviting Bids. (Note: Bid Alternates will NOT be part of the determination of lowest responsive bids.)

City may elect to include one or more of the Alternate bid items in the Project scope of work. Accordingly, the City reserves the right to hold the Awarded Contractor to its Bid Alternate bids for no less than 90 days from the award of Contract, and each bidder must ensure that each bid item (Base Bid or Alternate) is balanced and contains a proportionate share of profit, overhead and other costs or expenses which will be incurred by the Bidder.

The time required for completion of the Alternate bid items has been factored into the Contract Time and no additional time will be allowed for performing any of the alternate bid items.

END BID PROPOSAL





PAVING, GRADING, AND UTILITY LEGEND

- LIMIT OF WORK
- CENTERLINE OF TRAIL
- [Pattern] ASPHALT CONCRETE PAVING TRAIL SECTION, SEE DT 3 SHT C7.01
- [Pattern] NEW 2" AC SECTION
- [Pattern] 4" ASPHALT OVER EXISTING RE-COMPACTED AB
- [Pattern] GREEN THERMOPLASTIC PAVEMENT MARKING
- [Pattern] PORTLAND CEMENT CONCRETE PAVING, SEE DT 4 SHT C7.01
- [Pattern] DECOMPOSED GRANITE PAVING TRAIL SECTION, SEE DT 5 SHT C7.01
- [Pattern] UTILITY ACCESS AND PAVING, SEE DT 10 SHT C7.01
- [Pattern] BIORETENTION AREA, SEE DT 1 SHT C7.03
- [Pattern] VEGETATED BUFFER/SELF RETAINING AREA, SEE DT 7 SHT C7.03
- [Pattern] TRUNCATED DOMES, SEE CALTRANS STD DETAILS
- [Pattern] PROTECT (E) TREES WITHIN THESE LIMITS. REFER TO "EXISTING TREE SECTION" ON SHEET C8.04.
- [Pattern] AC PLUG PER DETAIL 2 SHEET C7.02
- [Pattern] EMERGENCY ACCESS PAVERS
- [Pattern] MOUNTABLE CURB ISLAND. SEE DETAIL 1 SHEET C7.06
- [Pattern] BRICK PAVERS SEE DT 7 SHT C7.01
- [Symbol] STORM DRAIN AREA DRAIN, SEE DT 4 SHT C7.03
- [Symbol] CLEANOUT, SEE DT 3 SHT C7.03
- STORM DRAIN LINE
- PERFORATED STORM DRAIN LINE
- (2) 2" PVC LIGHTING CONDUITS
- [Symbol] DROP INLET (WITH FLOGARD PLUS CATCH BASIN INSERT FILTER OR APPROVED EQUAL), SEE DETAIL 3 SHEET C7.05
- [Symbol] TYPE 1 CATCH BASIN (WITH FLOGARD PLUS CATCH BASIN INSERT FILTER OR APPROVED EQUAL), SEE DETAIL 1 SHEET C7.05
- EX XX.XX EXISTING SURFACE ELEVATION CALL OUT
- PR XX.XX PROPOSED SURFACE ELEVATION CALL OUT
- 1.25% PERCENT SLOPE OF FINISHED GRADE
- 4:1 SLOPE RATIO (HORIZONTAL:VERTICAL)
- L23 & C33 LINE OR CURVE INFORMATION

EXCAVATION AND SHORING

Attention is directed to Section 6705 of the California Labor Code concerning shoring. If that Section is applicable to this project, the clause which follows shall be a part of the contract.

Contractor shall submit in advance of any excavation five feet or greater in depth, a detailed plan showing the design of shoring, bracing, sloping or other provisions to be made for worker protection from the hazard of caving ground during excavation. If such plan varies from the shoring system standards established by the Construction Safety Orders of the Division of Industrial Safety, the plan shall be prepared by a registered civil or structural engineer. No excavation shall begin prior to acceptance by the City Engineer of said plan.

SOUND CONTROL REQUIREMENTS

Sound control shall conform to Section 4-10 of the Alameda Municipal Code, which prohibits weekday construction activities between 7 PM and 7 AM.

Each internal combustion engine, used for any purpose on the job or related to the job, shall be equipped with a muffler of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without said muffler.

The City requires all construction to meet the following noise levels:

- Does not exceed **90 dBA at 50 feet** unless a special permit is obtained. The special permit shall not be issued by the City Engineer unless the Contractor demonstrates that the equipment to be used produces noise levels that are the lowest of currently available equipment.

Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

PUBLIC CONTRACTS CODE 7104: EXCAVATIONS AND HAZARDOUS WASTE

7104. Contracts for digging trenches or excavations; notice on discovery of hazardous waste or other unusual conditions; investigations; change orders; effect on contract.

Any public contract of a local entity which involves digging trenches or other excavations that extend deeper than four feet below the surface shall contain a clause which provides the following:

- (a) That the Contractor shall promptly, and before the following conditions are disturbed, notify public entity, in writing, of any:
 - i. Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

The Contractor shall contact Underground Service Alert to determine the extent of potholing required. Exploratory excavation (potholing) shall be at the Contractor's expense.

The Contractor shall cut neatly the asphalt or concrete and use a vacuum type excavation device to remove soil to the depth of the utility. The Contractor shall coordinate with the City and outside utility agencies prior to exploratory excavation.

The Contractor shall provide backfill and surface restoration. Backfill shall be a controlled low strength material as defined in Section 19-3.02F of the 2010 Standard Specifications. The Contractor shall replace pavement or surfacing material in kind so that no discontinuity between the new and existing surface results. The minimum thickness of asphalt shall be four inches. The Contractor shall coordinate the thickness of the asphalt with the final finished elevation of the roadway's surface to ensure the minimum asphalt thickness is achieved.

The Contractor shall provide the Engineer a description (material, diameter, etc.) of existing utility exposed by the exploratory excavation prior to commencing construction. The exploratory excavation log shall be a neatly redlined plan that shows the horizontal and vertical location (the depth) of each exploratory excavation. The Contractor shall immediately notify the Engineer of any conflicts that prevent the satisfactory completion of the work.

The Contractor shall take care not to damage any existing facilities during exploratory excavation. Existing facilities damaged by the Contractor's operations, as determined by the Engineer, shall be repaired or replaced to the satisfaction of the Engineer and the owner of the utility if the owner is different from the City, all at the Contractor's expense.

PAYMENT

Compensation for conforming to this Section shall be included in the various other items of work and no separate payment will be made therefor.

10.15 SAW CUT EXISTING PAVEMENT

The Contractor shall saw cut asphalt and concrete as required to complete the work define in the Plans. Saw cutting shall be vertical and neatly edged and all the way through pavement to the sub grade. The sawing method shall consist of cutting a groove through the pavement with a power driven concrete saw or equivalent. The Contractor shall provide a vacuum to remove water and debris during the saw cutting process.

PAYMENT

Compensation for conforming to this Section shall be included in the various other items of work and no separate payment will be made therefor.

10.16 CLEARING AND GRUBBING

Clearing and grubbing shall conform to the provisions of Section 16, "Clearing and Grubbing" of the Standard Specifications and these Special Provisions.

The construction area shall be stripped of all vegetable growth such as logs, stumps, roots, brush, grass, weeds, and other objectionable material as indicated on the Plans. Landscape improvements shall not be removed unless indicated as to be removed on the Plans. Existing vegetation outside the areas to be cleared and grubbed shall be protected from injury or damage resulting from the Contractor's operations. All stripped organic material and items to be removed shall be disposed of as indicated in the "Soil

Remediation Workplan for the Cross Alameda Trail” and the “Site Management Plan” prepared by Tetra Tech (refer to ATTACHMENT M – SOIL REMEDIATION DOCUMENTS and ATTACHMENT O – SITE MANAGEMENT PLAN, JUNE 2018).

Existing utility service lines are shown in approximate location on the contract plans. The Engineer assumes no responsibility for the accuracy or completeness of this information, which is offered solely for the convenience of the contractor. Contractor shall verify all horizontal and vertical locations of existing utilities and other obstructions prior to construction activities by potholing as described in Section 10.14 EXPLORATORY EXCAVATION of these Special Provisions.

The following items shall be removed from the project area and are paid separately from the Clearing and Grubbing item:

- All trees indicated in the Plans to be removed shall be removed by the Contractor. Removal shall include the root system.
- Removal of roadway signs, including posts and foundations. As noted in the Plans, the Contractor shall salvage specified signs for later re-use within the project as defined in Section 10.65 TRAFFIC SIGNS/POSTS/WAYFINDING SIGNAGE of these Special Provisions. As directed by the Engineer, the Contractor shall deliver all remaining signs to either the City’s Corporation Yard or dispose as indicated in **Section 10.13 DISPOSAL OF MATERIALS** of these Special Provisions.
- Removal of bollards
- Relocation of bus stop shelter, foundation, and related appurtenances. As noted in the Plans, the Contractor shall salvage the bus stop shelter for later re-use within the project
- Removal of fences include wood, metal, and plastic of various sizes
- Removal of light pole and luminaire. This includes demolition of foundation as necessary to avoid future improvements. The unit price paid for removal of light posts includes associated pull boxes, underground conduits, and conductors.

PAYMENT

The contract price paid per square foot for “Clearing and Grubbing” (**Bid Item #15, 82, 164**) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals necessary (including disposal of all removed materials) to complete the work as shown on the Plans, as directed by the Engineer, and as specified herein.

The contract price per lineal foot for “Remove Chain Link Fence” (**Bid Item #25**) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in removing and disposing the fence and foundation, complete and in place as specified in these Special Provisions, as shown on the Plans and as directed by the Engineer and no additional compensation will be allowed therefor.

The contract price paid per each for “Salvage Signs” (**Bid Item #21, 87**) shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in removing and disposing the pole and foundation as well as salvaging the sign, complete and in place as specified in these Special Provisions, as shown on the Plans and as directed by the Engineer and no additional compensation will be allowed therefor.

10.17 STRIPING REMOVAL

10.54 REUSE EXISTING MULCH

This item is related to Bid Item 'Hydroseeding'. The site has various areas that are currently covered with mulch. This mulch material is likely reusable. **Prior to use, the mulch shall be tested for environmental contaminants and accepted by Alameda County Environmental Health. If acceptable, this mulch material has been determined to be reusable by the City's environmental consultant.** This material is to be spread in over bare earth areas to provide post construction erosion control. However, there is insufficient material to cover all graded areas at the site. It is estimated that roughly 20% of the site can be covered with the existing mulch. Once this material is utilized, the remaining bare earth areas shall be hydroseeded according to the 'Hydroseeding' bid item.

Reuse of existing mulch shall conform to the provisions of Section 16, "Clearing and Grubbing" of the Standard Specifications and these Special Provisions. During the clearing and grubbing operations, the Contractor shall temporary stockpile all of the existing site mulch for reuse to permanently stabilize project and submit a calculation of the overall amount of the stockpile in cubic yards to the Engineer. This material can be used in lieu of Hydroseeding or Recycled Wood Mulch designated in the planting plan. After planting, this material shall be installed per 10.68 RECYLCED WOOD MULCH.

PAYMENT.

The contract unit price paid per square foot of "Reuse Existing Mulch (20%)" (**Bid Item #28, 92**). Bid shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals, and for doing all the work involved in temporarily stockpiling and **placing the existing mulch**, including preparation of the soil prior to installation and for providing and applying water as specified in 10.68 RECYLCED WOOD MULCH, the Standard Specifications, these Special Provisions, and as directed by the Engineer, and no additional compensation will be allowed.

10.55 GENERAL LANDSCAPE CONSTRUCTION DETAILS

The provisions of Section 20, "Landscape," of the Standard Specifications are supplemented by these Special Provisions.

10.56 BAY-FRIENDLY RATED LANDSCAPE

This project has been designed as a Bay-Friendly Rated Landscape based on the Bay-Friendly Rated Scorecard for Civic, Commercial and Multifamily Landscapes Version 4 and the Bay-Friendly Rating Manual for Civic, Commercial & Multifamily Landscapes Version 4.

The Bay-Friendly Rating system is managed by the Bay-Friendly Landscaping and Gardening Coalition (the Coalition). The City of Alameda will select a Bay-Friendly Rater with the Coalition in order to obtain Bay-Friendly Rated Landscape designation. The Bay-Friendly Rating Manual and Scorecard can be downloaded for free from www.bayfriendly.org.

"Bay-Friendly" refers to a comprehensive approach to the design, construction, and maintenance of healthy, environmentally sound landscapes. Bay-Friendly practices work with nature to reduce waste and protect the watersheds and communities of the San Francisco Bay Area.

The Bay-Friendly approach is guided by seven principles. These principles are explained in detail in the Bay-Friendly Landscape Guidelines and are summarized here:

4. Landscaping Locally