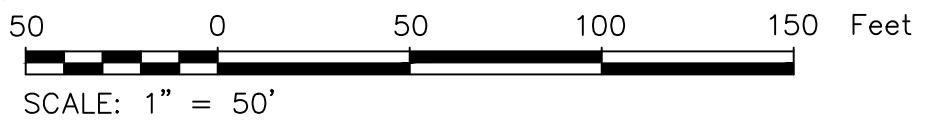


LEGEND

- 29/20 PROPOSED/EXISTING PARKING
- PROPOSED SIDEWALK
- EXISTING TREE TO REMAIN
- ✕ EXISTING TREE TO BE REMOVED (APPROXIMATE)

PROPOSED PARKING: 70 SPACES (+20 FROM EXISTING)
 TOTAL DROP-OFF LANE LENGTH: 170 FEET
 APPROXIMATE TREES TO BE REMOVED: 13



OPTION 'E'
FOREST GROVE ELEMENTARY: CONGRESS ENTRY
 PACIFIC GROVE, CALIFORNIA

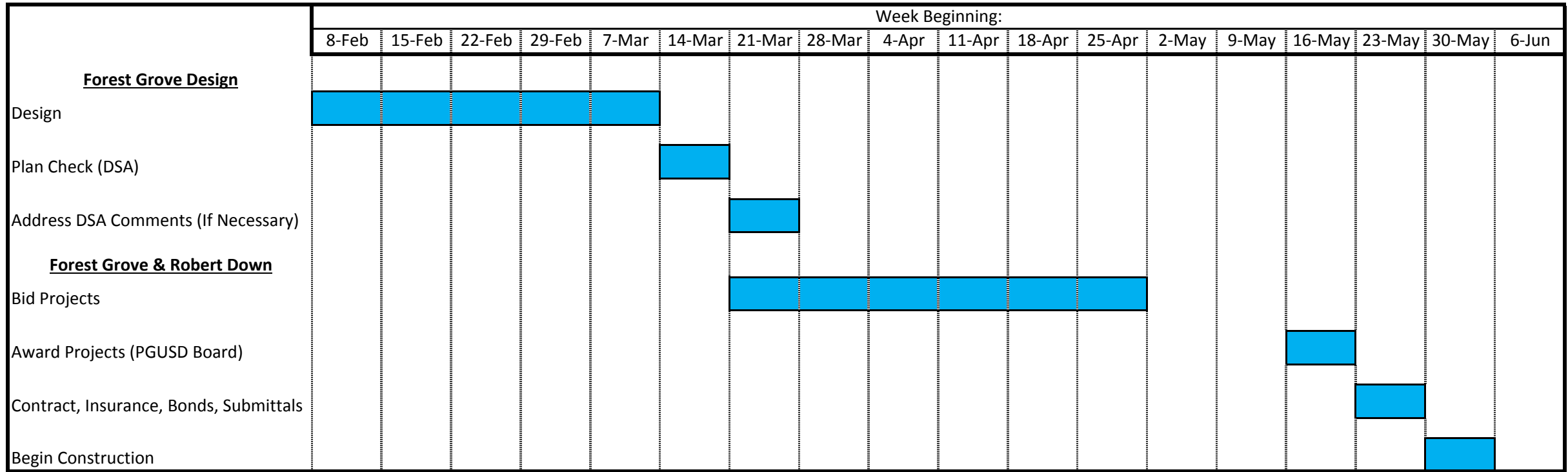
Whitson Engineers
 9699 Blue Larkspur Lane | Suite 105 | Monterey, CA 93940 | 831 649-5225 | F 831 373-5065
 CIVIL ENGINEERING ■ LAND SURVEYING ■ PROJECT MANAGEMENT | www.whitsonengineers.com
 Project No.: 3265.00



Feb 2, 2016
 Sheet 1 of 1



Forest Grove/Robert Down Design and Bid Schedule



COST ESTIMATE

Project: Robert Down Elementary School
 Lunch Area Renovation
 Owner: Pacific Grove USD
 Engineer: Whitson Engineers

 Date: 6/3/2015

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>SUBCONTRACTOR</u>	<u>CURRENT ESTIMATE</u>
1	Site Supervision	Beebe	\$ 4,000
2	Site Staff	Beebe	\$ 2,500
3	General Conditions	Beebe	\$ 500
4	Mobilization	Beebe	Included
5	SWPPP/Temp Water Pollution Control	Allowance	\$ 6,000
6	Demo	Beebe	\$ 12,360
7	Grading and Paving	Beebe	\$ 45,335
8	Storm Drainage	Beebe	\$ 35,116
9	Remove and Box Tree	Allowance	\$ 500
10	Concrete Flatwork/Curb	Beebe	\$ 105,510
11	Retaining Walls	Cornerstone	\$ 14,613
12	Seat Walls	Cornerstone	Included Above
13	Railings	Cyclone Fence & Iron	\$ 6,528
14	Fencing	Cyclone Fence & Iron	\$ 4,617
15	Irrigation Sleeves	Allowance	\$ 600
16	Landscape/Irrigation and/or Repairs	Not Included	NIC
-	Markup on Subcontractors @10%	Beebe	\$ 2,576
-	Liability Insurance @ 1.1%		\$ 2,620
	Payment/Performance Bond @1.1%		\$ 2,677
	Subtotal before Contingency		\$ 246,052
	Contingency (10%)	Owner	\$ 24,605
TOTAL COST ESTIMATE			\$ 270,657

Add 5% Escalation \$ 284,190

PRELIMINARY BUDGETARY ESTIMATE OF PROBABLE COSTS
Forest Grove Elementary School: Congress Ave Entry

BY: RPW, Whitson Engineers
 PROJECT NO: 3265.00

SHEET 1 OF 1
 DATE: FEBRUARY 4, 2016

PROJECT DESCRIPTION:

Reconstruct the Forest Grove Elementary School Vehicular and Bus Entry at Congress Ave per the attached Option 'E' Exhibit dated February 2, 2016

ITEM NO.	Description	Estimated Quantity	Unit	Unit Price	Amount
1	Mobilization and Demobilization	1	LS	\$ 20,000.00	\$ 20,000
2	Traffic Control	1	LS	\$ 10,000.00	\$ 10,000
3	Temporary Water Pollution Control	1	LS	\$ 5,000.00	\$ 5,000
4	Remove Existing Striping	500	LF	\$ 1.00	\$ 500
5	Sawcut AC Pavement	870	LF	\$ 3.00	\$ 2,610
6	Sawcut Concrete Curb, Gutter & Sidewalk	30	LF	\$ 10.00	\$ 300
7	Demolish and Dispose of AC/AB Pavement (assume 8")	15,760	CF	\$ 3.00	\$ 47,280
8	Demolish and Dispose of Concrete Curb and Gutter	1,100	LF	\$ 8.00	\$ 8,800
9	Demolish and Dispose of Concrete Sidewalk	3,650	SF	\$ 4.50	\$ 16,425
10	Relocate Existing Conex Storage Container	1	EA	\$ 500.00	\$ 500
11	Remove Existing Trees	13	EA	\$ 1,000.00	\$ 13,000
12	Tree Protection / Trimming Budget	1	LS	\$ 10,000.00	\$ 10,000
13	Earthwork Allowance	33,000	SF	\$ 0.30	\$ 9,900
14	Relocate Existing Fire Hydrant	1	EA	\$ 5,000.00	\$ 5,000
15	Relocate Existing Street Light and Splice Box	4	EA	\$ 3,000.00	\$ 12,000
16	Storm Drainage Allowance	1	LS	\$ 10,000.00	\$ 10,000
17	French Drain at Existing Back of Walk	190	LF	\$ 35.00	\$ 6,650
18	Stormwater LID Management Allowance	33,000	SF	\$ 0.75	\$ 24,750
19	Class 2 Aggregate Base (8")	592	CY	\$ 85.00	\$ 50,320
20	Hot Mix Asphalt, Type A (4")	650	TON	\$ 160.00	\$ 104,000
21	Concrete Curb and Gutter	810	LF	\$ 30.00	\$ 24,300
22	Concrete Curb	950	LF	\$ 20.00	\$ 19,000
23	Concrete Sidewalk / Hardscape	7,030	SF	\$ 10.00	\$ 70,300
24	Curb Ramps	8	EA	\$ 3,000.00	\$ 24,000
25	Raised Tabletop Crosswalk (Asphalt)	1	EA	\$ 2,000.00	\$ 2,000
26	Decomposed Granite Pathway		SF	\$ -	\$ -
27	Reset Existing Signs	9	EA	\$ 250.00	\$ 2,250
28	School Warning Signs with Radar Feedback		EA	\$ -	\$ -
29	Painted Red Curb	735	LF	\$ 2.00	\$ 1,470
30	Painted Curb at Drop-Off Lane	170	LF	\$ 2.00	\$ 340
31	Pavement Markings (2-Coat Paint)	1,140	SF	\$ 6.00	\$ 6,840
32	Painted Traffic Stripes	3,235	LF	\$ 1.50	\$ 4,853
33	New Entry Monument Sign	1	EA	\$ 1,500.00	\$ 1,500
34	Landscaping/Irrigation Allowance		LS	\$ -	\$ -
35	Removable Bollards	3	EA	\$ 1,000.00	\$ 3,000
36	6' Security Fencing and Gate	165	LF	\$ 25.00	\$ 4,125
37	3' Decorative Fencing (Safety Barrier)	200	LF	\$ 25.00	\$ 5,000
Subtotal:					\$ 526,013
Inflation / Contingency: 10%					\$ 52,601
Subtotal Estimated Construction Cost:					\$ 578,614
Estimated Soft Costs (assume 15%):					\$ 86,792
Total Estimated Project Cost (rounded to nearest \$1,000)					\$ 665,000

Notes:

1. Congress Ave improvements will be limited to signing, striping, and frontage work only