

MARIA YGNACIO CREEK CROSSING I

Project Name: MARIA YGNACIO CREEK CROSSING I
SOUTH COAST HABITAT RESTORATION
P.O BOX 335
CARPINTERIA,CA 93014

Architect: STREETER GROUP,INC
Engineer: STREETER GROUP,INC
Customer:

Job Type: Lump Sum
Product Line: REBARS
Market Category: Public - Sewage

Estimator:
Creation Date: 7/19/2014
Last Modified: 7/19/2014
Status: Complete

Escalation: No

Cover Page Comments:

Grade: 60 Black for #4 & Larger & Grade 40 for #3 & Smaller,
Domestic (or) Non-Domestic Rebars.

Addendums: NONE

Specs:

Supports:

() For Mesh

(X) Plain () P.T. () Epoxy (X) Other

Couplers:

() Mechanical () DBR's () Lenton

Standees: YES

Spirals: NO

() Smooth () Deformed (X) A615 () A432

Inculsions:

1.North Abutment & South Abutment.

Assumptions:

Exclusions:

1. Rebar Welded to Structural Steel.
2. Strom sewer and Electrical structures are not listed in quote.
3. Precast structures,Manhole,Inlets, Etc., If any.

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4. Site Work (No reinforcement details)

Quote Basis: Lump Sum

Drawing References:

PROJECT DRAWINGS:

CIVIL PLANS: C1 to C9

STRUCTURAL PLANS: S1 to S4

ALL DATED 07-08-2014.

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Bid Date: ASAP

Estimate Defaults

Size Unit: Imperial	Building Code: ACI 1983
Length Unit: Feet - Inches	Concrete Strength: 3000
Weight Unit: Pounds	Lap Table:
Soft Hooks: No	Estimating Lap: 48D
Seismic Hooks: No	Steel Manufactured In: ANY
	Tie Clearance: 0-012
	Spiral Clearance: 0-03
	Spacing Tolerance: 0-00
Rebar Coating: Black	Rebar Grade: 60
Plain Coating: Black	Plain Grade: 60
Number of lap lengths to extend a stock bar before lapping: 1	

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Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
1	MT	NORTH ABUTMENT																	
2	MT	MAT FOOTING																	
3	MT	SEC-(1/S4)																	
4	TR	BF		60	16				16/5	S	6-04							106	#5 @12" O.V VERT
5	TR	BF		60	5				13/4	S	15-06							52	#4 @12" O.C HOR
6	TR	BF		60	16*2				13/4	S	20-02							431	#4 @12" O. CONT T&B
7	TR	BF		60	46				19/6	S	15-06							1,071	#6 @4" O.C BOT TRANS
8	TR	BF		60	23				16/5	S	15-06							372	#5 @8" O.C TOP TRANS
9	TR	BF		60	46				19/6	H	8-09							605	#6 @4" O.C I F DWLS
10	TR	BF		60	16				13/4	H	5-07							60	#5 @12" O.C OF DWLS
11	MT	SEC-(4/S2)																	
12	TR	BF		60	16*2				13/4	H	7-05							159	#4 @12"O.C CONT T&B
13	TR	BF		60	5				13/4	S	15-06							52	#4 @12" O.C BOT TRANS
14	TR	BF		60	13				19/6	S	15-06							303	#6 @4" O.C TOP TRANS - X
15	TR	BF		60	13				19/6	H	16-10							329	#5 @4" O.C IF D/V -F
16	TR	BF		60	5				16/5	H	4-08							24	#5 @12" O.C OF DWLS
17	MT																		
18	TR	BF		60	12*2				13/4	S	9-06							152	#4 @12"O.C CONT T&B
19	TR	BF		60	5				13/4	S	11-06							38	#4 @12" O.C BOT TRANS
20	TR	BF		60	10				19/6	S	11-06							173	#6 @6" O.C TOP TRANS - X
21	TR	BF		60	10				19/6	H	10-10							163	#6 @6" O.C IF D/V -F
22	TR	BF		60	5				16/5	H	4-08							24	#5 @12" O.C OF DWLS
23	MT																		
24	TR	BF		60	11*2				13/4	H	7-10							115	#4 @12"O.C CONT T&B
25	TR	BF		60	5				13/4	S	10-04							35	#4 @12" O.C BOT TRANS
26	TR	BF		60	5				19/6	S	10-04							78	#6 @12" O.C TOP TRANS - X
27	TR	BF		60	5				19/6	H	7-08							58	#6 @12" O.C IF D/V -F
28	TR	BF		60	5				16/5	H	4-08							24	#5 @12" O.C OF DWLS
29	MT																		
30	TR	BF		60	16*2				13/4	H	9-00							192	#4 @12"O.C CONT T&B
31	TR	BF		60	7				13/4	S	15-06							72	#4 @12" O.C BOT TRANS
32	TR	BF		60	18				19/6	S	15-06							419	#6 @4" O.C TOP TRANS - X
33	TR	BF		60	18				19/6	H	13-08							370	#6 @4" O.C IF D/V -F
34	TR	BF		60	7				16/5	S	4-08							34	#5 @12" O.C OF DWLS
35	MT																		
36	TR	BF		60	12*2				13/4	S	8-06							136	#4 @12"O.C CONT T&B
37	TR	BF		60	6				13/4	S	11-06							46	#4 @12" O.C BOT TRANS
38	TR	BF		60	11				19/6	S	11-06							190	#6 @6" O.C TOP TRANS - X
39	TR	BF		60	11				19/6	H	13-10							229	#6 @6" O.C IF D/V -F

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Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
40	TR	BF		60	6				16/5	S	4-08							29	#5 @12" O.C OF DWLS
41	TR	BF		60	35				16/5	L	5-10							213	#5 STANDEE
42	MT	WING WALL = 16 LFT																	
43	MT	SEC-(1/S4)																	
44	TR	BF		60	17				16/5	S	16-06							293	#5 @12" O.C IF VERT
45	TR	BF		60	17				16/5	S	13-00							230	#5 @12" O.C OF VERT
46	TR	BF		60	20*2				16/5	S	15-06							647	#5 @8" O.C HOR EF
47	TR	BF		60	3				16/5	L	7-04							23	3 #5 TIES
48	TR	BF		60	17				16/5	S	6-00							106	#5 @12" O.C VERT
49	TR	BF		60	4*2				16/5	S	15-06							129	#5 @12" O.C HOR EF
50	TR	BF		60	2				16/5	S	15-06							32	2-#5 HOR ADDL
51	MT	WING WALL																	
52	MT	SEC-(3/S3)																	
53	TR	BF		60	7				16/5	S	9-09							71	#5 @8: O.C IF VERT -S
54	TR	BF		60	5				16/5	S	15-02							79	#5 @12" O.C OF VERT
55	TR	BF		60	16*2				16/5	S	11-05							381	#5 @12" O.C HOR EF
56	TR	BF		60	1*2				16/5	S	7-09							16	1 #5 HOR EF
57	MT																		
58	TR	BF		60	5				16/5	S	9-02							48	#5 @12: O.C IF VERT
59	TR	BF		60	5				16/5	S	11-08							61	#5 @12" O.C OF VERT
60	TR	BF		60	12*2				16/5	S	10-10							271	#5 @12" O.C HOR EF
61	TR	BF		60	1*2				16/5	S	11-02							23	1 #5 HOR EF
62	MT																		
63	TR	BF		60	5				16/5	S	8-06							44	#5 @12: O.C IF VERT
64	TR	BF		60	5				16/5	S	8-02							43	#5 @12" O.C OF VERT
65	TR	BF		60	9*2				16/5	S	7-06							141	#5 @12" O.C HOR EF
66	TR	BF		60	1*2				16/5	S	8-00							17	1 #5 HOR EF
67	MT																		
68	TR	BF		60	9				16/5	S	9-06							89	#5 @12" O.C IF VERT
69	TR	BF		60	6				16/5	S	15-00							94	#5 @12" O.C OF VERT
70	TR	BF		60	16*2				16/5	S	8-09							292	#5 @12" O.C HOR EF
71	TR	BF		60	1*2				16/5	S	9-02							19	1 #5 HOR EF
72	MT																		
73	TR	BF		60	6				16/5	S	9-00							56	#5 @12" O.C IF VERT
74	TR	BF		60	6				16/5	S	11-06							72	#5 @12" O.C OF VERT
75	TR	BF		60	12*2				16/5	S	8-04							209	#5 @12" O.C HOR EF
76	TR	BF		60	1*2				16/5	S	8-08							18	1 #5 HOR EF
77	TR	BF		60	1				16/5	S	200-00							209	#5 ADDL
78	TR	BF		60	42				10/3	L	4-06							71	#3 WALL SPREADER

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Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes	
79	TI	If			330				2"	WALL SPACERS								0	WING WALL	
80	MT	SOUTH ABUTMENT																		
81	MT	BOTTOM MAT FOOTING																		
82	MT	SEC-(1/S4)																		
83	TR	BF		60	16				16/5	S	6-04							106	#5 @12" O.V VERT	
84	TR	BF		60	5				13/4	S	15-06							52	#4 @12" O.C HOR	
85	TR	BF		60	16*2				13/4	S	20-02							431	#4 @12" O. CONT T&B	
86	TR	BF		60	46				19/6	S	15-06							1,071	#6 @4" O.C BOT TRANS	
87	TR	BF		60	23				16/5	S	15-06							372	#5 @8" O.C TOP TRANS	
88	TR	BF		60	46				19/6	H	10-09							743	#6 @4" O.C I F DWLS	
89	TR	BF		60	16				16/5	H	5-07							93	#5 @12" O.C OF DWLS	
90	MT	SEC-(4/S2)																		
91	TR	BF		60	16*2				13/4	H	8-08							185	#4 @12"O.C CONT T&B	
92	TR	BF		60	6				13/4	S	15-06							62	#4 @12" O.C BOT TRANS	
93	TR	BF		60	17				19/6	S	15-06							396	#6 @4" O.C TOP TRANS - X	
94	TR	BF		60	17				19/6	H	16-10							430	#6 @4" O.C IF D/V -F	
95	TR	BF		60	6				16/5	S	4-08							29	#5 @12" O.C OF DWLS	
96	MT																			
97	TR	BF		60	12*2				13/4	S	11-11							191	#4 @12"O.C CONT T&B	
98	TR	BF		60	6				13/4	S	11-06							46	#4 @12" O.C BOT TRANS	
99	TR	BF		60	13				19/6	S	11-06							225	#6 @6" O.C TOP TRANS - X	
100	TR	BF		60	13				19/6	H	13-01							255	#6 @6" O.C IF D/V -F	
101	TR	BF		60	6				16/5	S	11-08							73	#5 @12" O.C OF DWLS	
102	MT																			
103	TR	BF		60	11*2				13/4	H	7-10							115	#4 @12"O.C CONT T&B	
104	TR	BF		60	5				13/4	S	10-04							35	#4 @12" O.C BOT TRANS	
105	TR	BF		60	6				19/6	S	10-04							93	#6 @12" O.C TOP TRANS - X	
106	TR	BF		60	16				19/6	H	8-10							212	#6 @4" O.C IF D/V -F	
107	TR	BF		60	6				16/5	S	4-08							29	#5 @12" O.C OF DWLS	
108	MT																			
109	TR	BF		60	16*2				13/4	H	9-00							192	#4 @12"O.C CONT T&B	
110	TR	BF		60	7				13/4	S	15-06							72	#4 @12" O.C BOT TRANS	
111	TR	BF		60	17				19/6	S	15-06							396	#6 @4" O.C TOP TRANS - X	
112	TR	BF		60	17				19/6	H	13-08							349	#6 @4" O.C IF D/V -F	
113	TR	BF		60	6				16/5	S	4-08							29	#5 @12" O.C OF DWLS	
114	MT																			
115	TR	BF		60	12*2				13/4	S	8-06							136	#4 @12"O.C CONT T&B	
116	TR	BF		60	6				13/4	S	11-06							46	#4 @12" O.C BOT TRANS	
117	TR	BF		60	13				19/6	S	11-06							225	#6 @6" O.C TOP TRANS - X	

MARIA YGNACIO CREEK CROSSING I

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
118	TR	BF		60	17				19/6	H	13-01							334	#6 @4" O.C IF D/V -F
119	TR	BF		60	6				16/5	S	4-08							29	#5 @12" O.C OF DWLS
120	TR	BF		60	37				16/5	L	5-10							225	#5 STANDEE
121	MT	WING WALL = 16 LFT																	
122	MT	SEC-(1/S4)																	
123	TR	BF		60	17				16/5	S	16-06							293	#5 @12" O.C IF VERT
124	TR	BF		60	17				16/5	S	13-00							230	#5 @12" O.C OF VERT
125	TR	BF		60	20*2				16/5	S	15-06							647	#5 @8" O.C HOR EF
126	TR	BF		60	3				16/5	L	7-04							23	3 #5 TIES
127	TR	BF		60	17				16/5	S	6-00							106	#5 @12" O.C VERT
128	TR	BF		60	4*2				16/5	S	15-06							129	#5 @12" O.C HOR EF
129	TR	BF		60	1*2				16/5	S	15-06							32	#5 HOR EF
130	MT	WING WALL																	
131	MT	SEC-(3/S3)																	
132	TR	BF		60	7				16/5	S	9-06							69	#5 @12" O.C IF VERT -S
133	TR	BF		60	5				16/5	S	15-00							78	#5 @12" O.C OF VERT
134	TR	BF		60	16*2				16/5	S	8-09							292	#5 @12" O.C HOR EF
135	TR	BF		60	1*2				16/5	S	8-09							18	1 #5 HOR EF
136	MT																		
137	TR	BF		60	5				16/5	S	9-06							50	#5 @12: O.C IF VERT
138	TR	BF		60	5				16/5	S	12-00							63	#5 @12" O.C OF VERT
139	TR	BF		60	12*2				16/5	S	12-00							300	#5 @12" O.C HOR EF
140	TR	BF		60	1*2				16/5	S	12-00							25	1 #5 HOR EF
141	MT																		
142	TR	BF		60	6				16/5	S	9-06							59	#5 @12" O.C IF VERT
143	TR	BF		60	5				16/5	S	8-08							45	#5 @12" O.C OF VERT
144	TR	BF		60	9*2				16/5	S	7-11							149	#5 @12" O.C HOR EF
145	TR	BF		60	1*2				16/5	S	8-02							17	1 #5 HOR EF
146	MT																		
147	TR	BF		60	9				16/5	S	9-06							89	#5 @12" O.C IF VERT
148	TR	BF		60	6				16/5	S	15-02							95	#5 @12" O.C OF VERT
149	TR	BF		60	16*2				16/5	S	8-02							273	#5 @12" O.C HOR EF
150	TR	BF		60	1*2				16/5	S	8-08							18	1 #5 HOR EF
151	MT																		
152	TR	BF		60	10				16/5	S	9-04							97	#5 @8" O.C IF VERT
153	TR	BF		60	6				16/5	S	12-10							80	#5 @12" O.C OF VERT
154	TR	BF		60	13*2				16/5	S	9-08							262	#5 @12" O.C HOR EF
155	TR	BF		60	1*2				16/5	S	9-08							20	1 #5 HOR EF
156	TR	BF		60	1				16/5	S	300-00							313	#5 ADDL

MARIA YGNACIO CREEK CROSSING I

Line	Mat	Func	Placing	Grd	Qty	Span	Spcg	Mult	Size	Cls	L1	L2	L3	L4	L5	Lap	Stock	Lbs	Notes
157	TR	BF		60	45				10/3	L	4-06							76	#3 WALL SPREADER
158	TI	If			350				2" WALL SPACERS								0	WING WALL	

MARIA YGNACIO CREEK CROSSING I

Segment: NORTH ABUTMENT CONCRETE REINF

Total for BOTTOM MAT FOOTING

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
13/4	1,540	1,014	526	0	0
16/5	826	541	72	213	0
19/6	3,988	2,234	1,754	0	0
	<u>6,354</u>	<u>3,789</u>	<u>2,352</u>	<u>213</u>	<u>0</u>

** Grade 60, Black **

Total for WING WALL

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
10/3	71	0	0	71	0
16/5	3,504	3,481	0	23	0
	<u>3,575</u>	<u>3,481</u>	<u>0</u>	<u>94</u>	<u>0</u>

** Grade 60, Black **

**** Miscellaneous Item Summary ****

Comments, Etc

2" WALL SPACERS 2" WA;; SPACERS	330.000 lf	=	330.000 lf	@	0.000 / lf	= \$	0.00	0 Lbs
Subtotal						= \$	0.00	0 Lbs
Grand Total						= \$	0.00	0 Lbs

MARIA YGNACIO CREEK CROSSING I

Total for Segment: NORTH ABUTMENT CONCRETE REINF

****** Rebar Weight Summary (Lbs) ******

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
10/3	71	0	0	71	0
13/4	1,540	1,014	526	0	0
16/5	4,330	4,022	72	236	0
19/6	3,988	2,234	1,754	0	0
	<u>9,929</u>	<u>7,270</u>	<u>2,352</u>	<u>307</u>	<u>0</u>

**** Grade 60, Black ****

****** Miscellaneous Item Summary ******

Comments, Etc

2" WALL SPACERS 2" WA;; SPACERS	330.000 lf	=	330.000 lf	@	0.000 / lf	= \$	0.00	0 Lbs
Subtotal						= \$	0.00	0 Lbs
Grand Total						= \$	0.00	0 Lbs

MARIA YGNACIO CREEK CROSSING I

Segment: SOUTH ABUTMENT CONCRETE REINF

Total for WING WALL

****** Rebar Weight Summary (Lbs) ******

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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**** Grade 60, Black ****

10/3	76	0	0	76	0
16/5	4,080	4,057	0	23	521
	<u>4,156</u>	<u>4,057</u>	<u>0</u>	<u>99</u>	<u>521</u>

****** Miscellaneous Item Summary ******

Comments, Etc

2" WALL SPACERS 2" WA;; SPACERS	350.000	If	=	350.000	If	@	0.000	/	If	= \$	0.00	0 Lbs
Subtotal										= \$	0.00	0 Lbs
Grand Total										= \$	0.00	0 Lbs

Total for BOTTOM MAT FOOTING

****** Rebar Weight Summary (Lbs) ******

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
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**** Grade 60, Black ****

13/4	1,563	1,071	492	0	0
16/5	985	667	93	225	0
19/6	4,729	2,406	2,323	0	0
	<u>7,277</u>	<u>4,144</u>	<u>2,908</u>	<u>225</u>	<u>0</u>

MARIA YGNACIO CREEK CROSSING I

Total for Segment: SOUTH ABUTMENT CONCRETE REINF

**** Rebar Weight Summary (Lbs) ****

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
10/3	76	0	0	76	0
13/4	1,563	1,071	492	0	0
16/5	5,065	4,724	93	248	521
19/6	4,729	2,406	2,323	0	0
	<u>11,433</u>	<u>8,201</u>	<u>2,908</u>	<u>324</u>	<u>521</u>

** Grade 60, Black **

**** Miscellaneous Item Summary ****

Comments, Etc

2" WALL SPACERS 2" WA;; SPACERS	350.000 lf	=	350.000 lf	@	0.000 / lf	= \$	0.00	0 Lbs
Subtotal						= \$	0.00	0 Lbs
Grand Total						= \$	0.00	0 Lbs

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Estimate Totals

**** Rebar Weight Summary (Lbs) ****

** Grade 60, Black **

Size	Total	Straight	HEAVY	LIGHT	Stock Wgt
10/3	147	0	0	147	0
13/4	3,103	2,085	1,018	0	0
16/5	9,395	8,746	165	484	521
19/6	8,717	4,640	4,077	0	0
	<u>21,362</u>	<u>15,471</u>	<u>5,260</u>	<u>631</u>	<u>521</u>

MARIA YGNACIO CREEK CROSSING I

Estimate Totals

**** Miscellaneous Item Summary ****

Comments, Etc

2" WALL SPACERS 2" WA;; SPACERS	680.000	lf	=	680.000	lf	@	0.000	/	lf	= \$	0.00	0	Lbs
Subtotal										= \$	0.00	0	Lbs
Grand Total										= \$	0.00	0	Lbs