

APPENDIX "A"
Break-Down of Bid Items by Location
-Use Supplied Bid Tab for Final Estimate-

Item #	Item Description	Quantity	Unit	Ziegler Road				Harmony Road			
				Quantity	Unit	Quantity	Unit	Quantity	Unit		
Roadway Improvements											
201-01	Clear and Grubbing	1	LS	0.3	LS	0.7	LS				
202-01	Remove Curb and Gutter	3555	LF	2925	LF	630	LF				
202-02	Remove Sidewalk	14297	SF	9633	SF	4664	SF				
202-03	Remove Asphalt - Full Depth (4"-8")	17320	SY	3320	SY	14000	SY				
202-04	Profile Milling	3320	SY	3320	SY		SY				
202-05	Remove Tree - 48"+ Diameter	4	EA	4	EA		EA				
202-06	Remove Tree 24" Diameter	1	EA	1	EA		EA				
202-07	Remove Pipe	400	LF	50	LF	410	LF				
202-08	Remove Inlet	2	EA	2	EA		EA				
202-09	Remove Existing FES	5	EA	4	EA	1	EA				
202-10	Remove Concrete Channel	320	LF		LF	320	LF				
202-11	Remove Leech Field and Sceptic Tank	1	LS	1	LS		LS				
202-12	Remove Area Inlet	1	EA	1	EA		EA				
202-13	Remove Irrigation Structure	1	EA		EA		1 EA				
202-14	Remove Existing Hydrant per FCLWD Specs	1	EA		EA		1 EA				
202-15	Remove Headwall	2	EA		EA		2 EA				
202-16	Remove Gate	5	EA		EA		5 EA				
202-17	Remove Retaining Wall	2	EA	2	EA		EA				
203-01	Unclassified Excavation	1083	CY	1083	CY		CY				
203-02	Embankment - CIP	12720	CY	4950	CY	7770	CY				
203-03	Borrow Suitable Fill	11637	CY	3867	CY	7770	CY				
203-04	Topsoil (Striping, Stockpiling, and Placing)	6696	CY	3211	CY	3485	CY				
203-05	Import Screened Topsoil (6") in Parkway Areas	657	CY	657	CY		CY				
203-06	Median Fill - 60/40 Mix	2903	CY	363	CY	2540	CY				
203-07	Splashblock/Hardscape Shaping - CIP	30513	SF	9800	SF	20713	SF				
203-08	Flowfill Over Shallow Utilities	407	CY	101	CY	306	CY				
203-09	Muck Excavation - CIP	200	CY	50	CY	150	CY				
206-01	Structure Excavation	267	CY	267	CY		CY				
206-02	Structure Backfill On-Site Material	267	CY	267	CY		CY				
206-03	Filter Material - 1 1/2" Washed Rock	65	TON	65	TON		TON				
208-01	Erosion Control	1	LS	0.5	LS	0.5	LS				
210-01	Adjust Manhole Ring/Cover	15	EA	9	EA	6	EA				
210-02	Adjust Valve Box	10	EA	4	EA	6	EA				

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210-03	Modify Manhole	4	EA			4	EA				EA		
210-04	Relocate PRV Vent per FCLWD Specs	1	EA				EA			1	EA		
210-05	Relocate Meter Pit	4	EA			1	EA			3	EA		
210-06	Relocate Fire Hydrant	1	EA				EA			1	EA		
210-07	Relocate CP Test Station	7	EA			3	EA			4	EA		
210-08	Remove and Relocate Fence	820	LF			820	LF				LF		
210-09	Remove PVC Fence Intact and Deliver to Owner	200	LF			200	LF				LF		
210-10	Remove and Reset Mailbox	6	EA			4	EA			2	EA		
304-01	Agg Base Course - (Class 5 or 6) - 4" Depth - CIP	1675	TON			108	TON			1567	TON		
304-02	Agg Base Course - (Class 5 or 6) - 10" Depth - CIP	17965	TON			3940	TON			14025	TON		
304-03	Gravel Shoulder - Class 5 or 6 Aggregate base (6" Depth)	275	TON				TON			275	TON		
304-04	Road Base for Driveway Tie-ins	120	TON			120	TON				TON		
306-01	Reconditioning (8")	31400	SY			500	SY			30900	SY		
306-02	Sidewalk Preparation	3297	SY			3113	SY			184	SY		
307-01	Fly-Ash - 12" Depth - 12%	8860	SY			8860	SY				SY		
403-01	Hot Bituminous Pavement – Grading S – 100 – (2" Depth) – (PG 64-28)	2033	TON			2033	TON				TON		
403-02	Hot Bituminous Pavement – Grading S – 100 – (2.5" Depth) – (PG 64-22)	2467	TON				TON			2467	TON		
403-03	Hot Bituminous Pavement – Grading SG – 100 – (4" Depth) – (PG 58-28)	5440	TON			1493	TON			3947	TON		
403-04	Asphalt Leveling Course ¾ Grading S - 100 – (PG 64-28)	2305	TON			525	TON			1780	TON		
403-05	Asphalt Hand Patching – Grading S – 100 – (3") – (PG 64-28)	463	TON			133	TON			330	TON		
403-06	Asphalt Hand Patching – Grading SG - 100 - (7" Depth) – (PG 58-28)	1055	TON			289	TON			766	TON		
403-07	WestBound Harmony Detour Paveing - 200'x60'x5" 2" PG 64-28 on 3" PG 58-28)	720	TON				TON			577	TON		
412-01	Concrete Pavement - 10"	8425	SY			500	SY			7925	SY		
412-02	Enhanced Concrete Crosswalk -10" - Tile Red w/ Stamped Border	547	SY				SY			547	SY		
506-01	D-50 Buried Rip-Rap, 6" Topsoil (CIP Per Detail)	4	EA			2	EA			2	EA		
601-01	Concrete Retaining Wall with Footer and 6' Attached Block Wall	150	LF			150	LF				LF		
601-02	Concrete Wall Extension with Guardrail	1	LS				LS			1	LS		
603-01	18" RCP Class III	1128	LF			264	LF			864	LF		
603-02	24" RCP Class III	14	LF			14	LF				LF		
603-03	19"x30" HERCP Class III	236	LF			236	LF				LF		
603-04	34"x53" HERCP Class III	323	LF				LF			323	LF		
603-05	8" HDPE Pipe	10	LF				LF			10	LF		
603-06	18" RCP Class III FES	8	EA			5	EA			3	EA		
603-07	19"x30" HERCP Class III FES	1	EA			1	EA				EA		

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603-08	Concrete Encasement	120	LF		LF			120	LF		
603-09	18" RCP thru Retaining Wall	1	EA		EA			1	EA		
603-10	Tie 34"x53" HERCP to Existing Concrete Irrigation Ditch - CIP	2	EA		EA			2	EA		
603-11	Tie to Existing MH	3	EA		EA			3	EA		
603-12	4" Median Underdrain Pipe (Perforated)	3640	LF		LF			705	LF		2935
603-13	4" Median Underdrain Pipe (Solid)	910	LF		LF			190	LF		720
603-14	4" Median Underdrain Clean Out	24	EA		EA			5	EA		19
603-15	4" Median Underdrain/Storm Sewer Tie-in (Core Drill and Connect with Non-shrink Grout)	5	EA		EA			2	EA		3
604-01	5' Type R Inlet	3	EA		EA			2	EA		1
604-02	10' Type R Inlet	1	EA		EA			1	EA		EA
604-03	15' Type R Inlet	2	EA		EA			1	EA		1
604-04	18" Area Inlet	1	EA		EA			1	EA		EA
604-05	Inlet Type "C"	3	EA		EA			EA			3
604-06	8" HDPE Area inlet and Tie in (Core Drill and Connect with Non-shrink Grout)	2	EA		EA			2	EA		EA
604-07	Double Type 13 Inlet	1	EA		EA			1	EA		EA
604-08	24" Headwall - CIP	1	EA		EA			1	EA		EA
604-09	Tie 18" RCP to Existing Storm Sewer with Concrete Collar	1	EA		EA			1	EA		EA
604-10	4' Diameter Sewer Manhole	1	EA		EA			1	EA		EA
604-11	4" PVC Conduit Sleeving for Median Irrigation	600	LF		LF			200	LF		400
608-01	Concrete Sidewalk - 6"	27350	SF		SF			26900	SF		450
608-02	Concrete Pedestrian Access Ramps with Truncated Domes (8")	2320	SF		SF			1120	SF		1200
608-03	Pedestrian Refuge Island Ramp with Truncated Domes (8")	1380	SF		SF			300	SF		1080
608-04	Sidewalk Chase - per Detail	3	EA		EA			3	EA		EA
608-05	Concrete Drive Approach w/ Aprons (8")	8025	SF		SF			8025	SF		SF
608-06	Concrete Drive Approach (6")	1608	SF		SF			1608	SF		SF
608-07	Exposed Aggregate Median Cover - San Diego Buff	25743	SF		SF			5040	SF		20713
609-01	Vertical Curb and Gutter - 30"	6055	LF		LF			2435	LF		3620
609-02	Vertical Curb and Gutter - 18" Outfall	10875	LF		LF			2940	LF		7935
609-03	Combination Vertical Curb with 6' Bike Lane/Gutter	500	LF		LF			500	LF		LF
619-01	¾" Irrigation Service & Meter Pit/Copper-Corp-Curb Stop per COFC Spec including Backflow Preventer/Pressure Reducer Assembly/Metal Screen Cover	3	EA		EA			1	EA		2
619-02	Fire Hydrant Assembly (6", tap valve, pipe, hydrant) per COFC Spec	1	EA		EA			EA			1

Landscaping Quantities											
2000-01	Dry-Land Seeding	7	AC					3	AC		4

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2000-02	MSE Block Retaining Wall - 12" to 24" Tall	290	LF				LF			290	LF		
2000-03	Median Irrigation System for Harmony Road Medians	1	LS				LS			1	LS		
2000-04	Median Irrigation System for Ziegler Road Medians	1	LS				1	LS			LS		
2000-05	6"x6" Landscape Timber Tree Well	24	EA				24	EA		24	EA		
2000-06	Skyline Honey Locust 2" Cal.	21	EA				21	EA			EA		
2000-07	Crimson Spire Oak - 2" Cal.	12	EA				6	EA		6	EA		
2000-08	Burr Oak - 2" Cal.	6	EA					EA		6	EA		
2000-09	Chinkapin Oak - 2" Cal.	8	EA					EA		8	EA		
2000-10	Chanticleer Pear 1.5" Cal.	30	EA				14	EA		16	EA		
2000-11	Harrison Yellow Shrub Rose - 5 Gal.	31	EA					EA		31	EA		
2000-12	Single Pink Shrub Rose - 5 Gal.	7	EA					EA		7	EA		
2000-13	Native Pink Rose - 5 Gal.	35	EA					EA		35	EA		
2000-14	Dwarf Korean Lilac - 5 Gal.	36	EA					EA		36	EA		
2000-15	Bar harbour Juniper - 5 Gal.	118	EA				67	EA		51	EA		
2000-16	Hughes Juniper - 5 Gal.	169	EA					EA		169	EA		
2000-17	Silver Bluestem Grass - 1 Gal.	23	EA				23	EA			EA		
2000-18	Feather Reed Grass - 1 Gal.	124	EA					EA		124	EA		
2000-19	Variegated Feather Reed Grass - 1 Gal.	99	EA					EA		99	EA		
2000-20	Blue Avena Grass - 1 Gal.	83	EA				83	EA		83	EA		
2000-21	Mulching	39190	EA				4900	EA		34290	EA		

Miscellaneous Quantities:													
-	Contract Bond	1	LS	\$	-	\$	-	0.5	LS			0.5	LS
625-01	Construction Surveying	1	LS	\$	-	\$	-	0.5	LS			0.5	LS
626-01	Mobilization	1	LS	\$	-	\$	-	0.5	LS			0.5	LS
630-01	Specialty Signs 3" letters on 48"x48"	27	EA	\$	160.00	\$	4,320.00	10	EA			17	EA
630-02	Variable Message Boards	20	EA per Day	\$	120.00	\$	2,400.00	6	EA per Day			14	EA per Day
630-03	Type III Barricades	8	Section	\$	510.00	\$	4,080.00	2	Section			6	Section
630-04	Traffic Control	1	LS	\$	100,000.00	\$	100,000.00	0.25	LS			0.75	LS