

CHW
PRELIMINARY PROBABLE COST OF CONSTRUCTION

Project Name: South Main Street Reconstruction (from Depot Avenue to SW 16th Avenue)
CHW Project No: 16-0623
Date: 3/16/2017

Item	Qty	Unit	Unit Cost	Cost	Description
CIVIL - CHW					
Clearing & Grubbing	1.64	AC	\$ 13,639.00	\$ 22,368	Removal & disposal of flexible pavement and drainage structure tops.
Excavation (utility trench)	6,916	CY	\$ 5.53	\$ 38,245	
Embankment (utility trench)	6,916	CY	\$ 8.07	\$ 55,812	
Superpave Asphaltic Concrete	2,717	TN	\$ 90.99	\$ 247,220	
Friction Course	1,630	TN	\$ 101.00	\$ 164,630	
Curb	13,414	LF	\$ 25.50	\$ 342,057	
Traffic Separator	315	LF	\$ 39.27	\$ 12,370	
Ditch Bottom Inlet Drainage Structure Tops	6	EA	\$ 3,000.00	\$ 18,000	
4" Sidewalk	4,542	SY	\$ 38.23	\$ 173,641	
6" Sidewalk	597	SY	\$ 51.66	\$ 30,841	
8" Concrete Pavement	460	SY	\$ 53.11	\$ 24,431	
Light Pole Foundation	64	EA	\$ 1,000.00	\$ 64,000	25% of total cost of pole & foundation installation per FDOT
Striping	1	LS	\$ 33,155.52	\$ 33,156	Estimated to be 3% of civil roadway cost based on past project experience.
SUBTOTAL:				\$ 1,226,770	
ELECTRICAL - NIX					
SUBTOTAL:	1	LS	\$ 3,112,000.00	\$ 3,112,000	
LANDSCAPE/HARDSCAPE - GAI					
Pavers @ Crosswalks	3,560	SF	\$ 24.00	\$ 85,440	Vehicular rated on 8" concrete base.
Pavers @ Mountable Areas	1,370	SF	\$ 24.00	\$ 32,880	Vehicular rated on 8" concrete base.
Pavers @ Walkways	2,750	SF	\$ 18.00	\$ 49,500	Pedestrian rated on 4" concrete base.
12" Concrete Banding @ Crosswalks	790	LF	\$ 25.00	\$ 19,750	Vehicular areas, 12" thick.
12" Concrete Banding @ Roundabout	172	LF	\$ 25.00	\$ 4,300	Vehicular areas, 12" thick.
12" Concrete Banding	377	LF	\$ 20.00	\$ 7,540	Pedestrian areas, 8" thick.
24" At-grade/Flush Curb	1,035	LF	\$ 30.00	\$ 31,050	Between parallel parking and green strip.
Concrete Plaza Extension @ New CADE Museum	4,000	SF	\$ 18.00	\$ 72,000	Paver plaza on 4" concrete base.
LED Light Fixtures	63	EA	\$ 8,000.00	\$ 504,000	Two fixtures, pole, and service.
Site Furnishings	2	LS	\$ 10,000.00	\$ 20,000	Site furnishings budget.
Parklettes	2	EA	\$ 30,000.00	\$ 60,000	Parklettes at key locations.
Monument @ CADE Crosswalk	1	LS	\$ 20,000.00	\$ 20,000	Focal point at crosswalk terminus.
Gateway Node at Trail Crossing	1	LS	\$ 20,000.00	\$ 20,000	Focal point at trail crossing.
Stormwater Planter Soil Mix	845	TN	\$ 100.00	\$ 84,500	2' depth - 50% topsoil, 30% course grained sand, 20% compost
Stromwater Planter Wall/Curb	2,630	LF	\$ 50.00	\$ 131,500	6"x24" curb.
Stromwater Planter Riser Pipe/Yard Drain and 12" Drain Pipe	12	EA	\$ 1,500.00	\$ 18,000	Overflow riser at stormwater planters adjacent to curb inlets and 12" drain pipe to inlet (average 10' length).
Stone Erosion Protection @ Curb Opening	10	TN	\$ 50.00	\$ 500	2'x2'x1' Riverstone Pad.
Sod	6,390	SF	\$ 0.60	\$ 3,834	
Street Trees	97	EA	\$ 1,200.00	\$ 116,400	Cathedral' or 'Skyclimber' Live Oak, 300 gal., 22'-24' ht., 7' C.T., 10' wide canopy
Specimen Tree	1	EA	\$ 5,000.00	\$ 5,000	Specimen Live Oak at roundabout.
Street Palm	12	EA	\$ 250.00	\$ 3,000	Slip lane buffer.
Ornamental Palm	10	EA	\$ 6,500.00	\$ 65,000	
Ornamental Tree	46	EA	\$ 500.00	\$ 23,000	Medians
Shrubs, Grasses, and Groundcover	62,930	SF	\$ 2.00	\$ 125,860	All landscaped areas including stormwater planters.
Soil Prep	7,424	SY	\$ 0.91	\$ 6,756	All landscaped and sod areas excluding stormwater planters.
Root Barrier	450	LF	\$ 15.00	\$ 6,750	10' per conflicting tree.
Irrigation	66,820	SF	\$ 1.00	\$ 66,820	All planted areas except stormwater planters.
Tree Irrigation	165	EA	\$ 100.00	\$ 16,500	
SUBTOTAL:				\$ 1,599,880	
TOTAL				\$ 5,938,650	
MOT	10%			\$ 593,865	
General Conditions, Bonds, & Mobilization	15%			\$ 890,798	
Contingency	15%			\$ 890,798	
GRAND TOTAL				\$ 8,314,110	

CHW
PRELIMINARY PROBABLE COST OF CONSTRUCTION

Project Name: South Main Street Reconstruction North Phase (from Depot Avenue to SW 11th Place)
CHW Project No: 16-0623
Date: 3/16/2017

Item	Qty	Unit	Unit Cost	Cost	Description
CIVIL - CHW					
Clearing & Grubbing	0.81	AC	\$ 13,639.00	\$ 11,048	Removal & disposal of flexible pavement and drainage structure tops.
Excavation (utility trench)	3,296	CY	\$ 5.53	\$ 18,227	
Embankment (utility trench)	3,296	CY	\$ 8.07	\$ 26,599	
Superpave Asphaltic Concrete	1,282	TN	\$ 90.99	\$ 116,649	
Friction Course	769	TN	\$ 101.00	\$ 77,669	
Curb	9,671	LF	\$ 25.50	\$ 246,611	
Traffic Separator	131	LF	\$ 39.27	\$ 5,144	
Ditch Bottom Inlet Drainage Structure Tops	5	EA	\$ 3,000.00	\$ 15,000	
4" Sidewalk	2,161	SY	\$ 38.23	\$ 82,615	
6" Sidewalk	130	SY	\$ 51.66	\$ 6,716	
8" Concrete Pavement	460	SY	\$ 53.11	\$ 24,431	
Light Pole Foundation	29	EA	\$ 1,000.00	\$ 29,000	25% of total cost of pole & foundation installation per FDOT
Striping	1	LS	\$ 18,188.31	\$ 18,188	Estimated to be 3% of civil roadway cost based on past project experience.
SUBTOTAL:				\$ 677,896	
ELECTRICAL - NIX					
SUBTOTAL:	1	LS	\$ 878,000.00	\$ 878,000	
LANDSCAPE/HARDSCAPE - GAI					
Pavers @ Crosswalks	1,380	SF	\$ 24.00	\$ 33,120	Vehicular rated on 8" concrete base.
Pavers @ Mountable Areas	1,370	SF	\$ 24.00	\$ 32,880	Vehicular rated on 8" concrete base.
Pavers @ Walkways	2,380	SF	\$ 18.00	\$ 42,840	Pedestrian rated on 4" concrete base.
12" Concrete Banding @ Crosswalks	415	LF	\$ 25.00	\$ 10,375	Vehicular areas, 12" thick.
12" Concrete Banding @ Roundabout	172	LF	\$ 25.00	\$ 4,300	Vehicular areas, 12" thick.
12" Concrete Banding	305	LF	\$ 20.00	\$ 6,100	Pedestrian areas, 8" thick.
Concrete Plaza Extension @ New CADE Museum	4,000	SF	\$ 18.00	\$ 72,000	Paver plaza on 4" concrete base.
LED Light Fixtures	29	EA	\$ 8,000.00	\$ 232,000	Two fixtures, pole, and service.
Site Furnishings	1	LS	\$ 10,000.00	\$ 10,000	Site furnishings budget.
Monument @ CADE Crosswalk	1	LS	\$ 20,000.00	\$ 20,000	Focal point at crosswalk terminus.
Gateway Node at Trail Crossing	1	LS	\$ 20,000.00	\$ 20,000	Focal point at trail crossing.
Stormwater Planter Soil Mix	193	TN	\$ 100.00	\$ 19,300	2' depth - 50% topsoil, 30% course grained sand, 20% compost
Stromwater Planter Wall/Curb	445	LF	\$ 50.00	\$ 22,250	6"x24" curb.
Stromwater Planter Riser Pipe/Yard Drain and 12" Drain Pipe	3	EA	\$ 1,500.00	\$ 4,500	Overflow riser at stormwater planters adjacent to curb inlets and 12" drain pipe to inlet (average 10' length).
Stone Erosion Protection @ Curb Opening	2	TN	\$ 50.00	\$ 100	2'x2'x1' Riverstone Pad.
Street Trees	46	EA	\$ 1,200.00	\$ 55,200	Cathedral' or 'Skyclimber' Live Oak, 300 gal., 22'-24' ht., 7' C.T., 10' wide canopy
Specimen Tree	1	EA	\$ 5,000.00	\$ 5,000	Specimen Live Oak at roundabout.
Street Palm	12	EA	\$ 250.00	\$ 3,000	Slip lane buffer.
Ornamental Palm	10	EA	\$ 6,500.00	\$ 65,000	
Ornamental Tree	12	EA	\$ 500.00	\$ 6,000	Medians
Shrubs, Grasses, and Groundcover	39,800	SF	\$ 2.00	\$ 79,600	All landscaped areas including stormwater planters.
Soil Prep	4,144	SY	\$ 0.91	\$ 3,771	All landscaped and sod areas excluding stormwater planters.
Root Barrier	230	LF	\$ 15.00	\$ 3,450	10' per conflicting tree.
Irrigation	37,300	SF	\$ 1.00	\$ 37,300	All planted areas except stormwater planters.
Tree Irrigation	81	EA	\$ 100.00	\$ 8,100	
SUBTOTAL:				\$ 796,186	
TOTAL				\$ 2,352,082	
MOT	10%			\$ 235,208	
General Conditions, Bonds, & Mobilization	15%			\$ 352,812	
Contingency	15%			\$ 352,812	
Estimated cost associated with phasing project	15%			\$ 352,812	There is some premium associated with two smaller projects rather than one larger project
GRAND TOTAL				\$ 3,645,727	

CHW
PRELIMINARY PROBABLE COST OF CONSTRUCTION

Project Name:	South Main Street Reconstruction South Phase (from SW 11th Place to SW 16th Avenue)
CHW Project No:	16-0623
Date:	3/16/2017

Item	Qty	Unit	Unit Cost	Cost	Description
CIVIL - CHW					
Clearing & Grubbing	0.83	AC	\$ 13,639.00	\$ 11,320	Removal & disposal of flexible pavement and drainage structure tops.
Excavation (utility trench)	3,620	CY	\$ 5.53	\$ 20,019	
Embankment (utility trench)	3,620	CY	\$ 8.07	\$ 29,213	
Superpave Asphaltic Concrete	1,435	TN	\$ 90.99	\$ 130,571	
Friction Course	861	TN	\$ 101.00	\$ 86,961	
Curb	3,743	LF	\$ 25.50	\$ 95,447	
Traffic Separator	184	LF	\$ 39.27	\$ 7,226	
Ditch Bottom Inlet Drainage Structure Tops	1	EA	\$ 3,000.00	\$ 3,000	
4" Sidewalk	2,381	SY	\$ 38.23	\$ 91,026	
6" Sidewalk	467	SY	\$ 51.66	\$ 24,125	
8" Concrete Pavement	0	SY	\$ 53.11	\$ -	
Light Pole Foundation	35	EA	\$ 1,000.00	\$ 35,000	25% of total cost of pole & foundation installation per FDOT
Striping	1	LS	\$ 14,967.21	\$ 14,967	Estimated to be 3% of civil roadway cost based on past project experience.
SUBTOTAL:				\$ 548,874	
ELECTRICAL - NIX					
SUBTOTAL:	1	LS	\$ 2,234,000.00	\$ 2,234,000	
LANDSCAPE/HARDSCAPE - GAI					
Pavers @ Crosswalks	2,180	SF	\$ 24.00	\$ 52,320	Vehicular rated on 8" concrete base.
Pavers @ Walkways	370	SF	\$ 18.00	\$ 6,660	Pedestrian rated on 4" concrete base.
12" Concrete Banding @ Crosswalks	375	LF	\$ 25.00	\$ 9,375	Vehicular areas, 12" thick.
12" Concrete Banding	72	LF	\$ 20.00	\$ 1,440	Pedestrian areas, 8" thick.
24" At-grade/Flush Curb	1,035	LF	\$ 30.00	\$ 31,050	Between parallel parking and green strip.
LED Light Fixtures	34	EA	\$ 8,000.00	\$ 272,000	Two fixtures, pole, and service.
Site Furnishings	1	LS	\$ 10,000.00	\$ 10,000	Site furnishings budget.
Parklettes	2	EA	\$ 30,000.00	\$ 60,000	Parklettes at key locations.
Stormwater Planter Soil Mix	652	TN	\$ 100.00	\$ 65,200	2' depth - 50% topsoil, 30% course grained sand, 20% compost
Stromwater Planter Wall/Curb	2,185	LF	\$ 50.00	\$ 109,250	6"x24" curb.
Stromwater Planter Riser Pipe/Yard Drain and 12" Drain Pipe	9	EA	\$ 1,500.00	\$ 13,500	Overflow riser at stormwater planters adjacent to curb inlets and 12" drain pipe to inlet (average 10' length).
Stone Erosion Protection @ Curb Opening	8	TN	\$ 50.00	\$ 400	2'x2'x1' Riverstone Pad.
Street Trees	51	EA	\$ 1,200.00	\$ 61,200	Cathedral' or 'Skyclimber' Live Oak, 300 gal., 22'-24' ht., 7' C.T., 10' wide canopy
Ornamental Tree	34	EA	\$ 500.00	\$ 17,000	Medians
Shrubs, Grasses, and Groundcover	23,130	SF	\$ 2.00	\$ 46,260	All landscaped areas including stormwater planters.
Sod	6,390	SF	\$ 0.60	\$ 3,834	
Soil Prep	3,280	SY	\$ 0.91	\$ 2,985	All landscaped and sod areas excluding stormwater planters.
Root Barrier	220	LF	\$ 15.00	\$ 3,300	10' per conflicting tree.
Irrigation	29,520	SF	\$ 1.00	\$ 29,520	All planted areas except stormwater planters.
Tree Irrigation	84	EA	\$ 100.00	\$ 8,400	
SUBTOTAL:				\$ 803,694	
TOTAL				\$ 3,586,568	
MOT	10%			\$ 358,656.81	
General Conditions, Bonds, & Mobilization	15%			\$ 537,985.21	
Contingency	15%			\$ 537,985.21	
Estimated cost associated with phasing project	15%			\$ 537,985.21	There is some premium associated with two smaller projects rather than one larger project
GRAND TOTAL				\$ 5,559,180	