

FDOT DISTRICT SIX  
2014  
TRANSPORTATION  
ALTERNATIVES PROGRAM (TAP)



*City of Key West Project Presentation*

*Amelia Street Enhancements*

*Fort Street Enhancements*

*Greene Street ADA Ramps*

Projects with Final Acceptance:									
Project	Status	Amount of Funding Award	Amount of Funds Utilized	Unused Funds	Year Programmed	Project Deferred? (Y or N)	# of Fiscal Years Deferred	Reason for Deferral	
1 College Rd FM 421379-1 AP059 / SFTL344R	Final Acceptance	\$ 359,960.00	\$ 345,514.78	\$ 14,445.22	11/20/2008	N	N/A	N/A	
2 Atlantic Blvd FM 421380-1 AP075 / SFTL345R	Final Acceptance	\$ 719,921.00	\$ 645,601.31	\$ 74,319.69	12/4/2006	N	N/A	N/A	
3 Northside Dr FM 422718-1 AP061 / 4254005C	Final Acceptance	\$ 386,603.00	\$ 319,320.35	\$ 67,282.65	4/13/2009	N	N/A	N/A	
4 17th St FM 422719-1 AP738 / 8887555A	Final Acceptance	\$ 150,094.00	\$ 150,094.00	\$ -	6/22/2008	N	N/A	N/A	
5 20th St FM 422714-1 AP740 / 8887553A	Final Acceptance	\$ 200,453.00	\$ 200,453.00	\$ -	6/22/2008	N	N/A	N/A	
6 Truman Ave FM 422716-1 AP739 / 8887554A	Final Acceptance	\$ 219,452.00	\$ 187,564.82	\$ 31,887.18	6/22/2008	N	N/A	N/A	
7 Leon St FM 426524-1 AP126 / ARRA351	Final Acceptance	\$ 234,573.50	\$ 232,873.50	\$ 1,700.00	6/30/2009	N	N/A	N/A	
8 Duck Ave FM 426520-1 AP125 / ARRA348	Final Acceptance	\$ 467,900.00	\$ 467,820.00	\$ 80.00	6/30/2009	N	N/A	N/A	
9 Telegraph Ln FM 426519-1 AP121 / ARRA347	Final Acceptance	\$ 67,985.50	\$ 67,881.50	\$ 104.00	6/16/2009	N	N/A	N/A	
10 Whitehead-Petronia FM 426522-1 AP121 / ARRA349	Final Acceptance	\$ 48,726.00	\$ 48,662.00	\$ 64.00	6/16/2009	N	N/A	N/A	
11 Eisenhower Dr FM 426523-1 AP121 / ARRA350	Final Acceptance	\$ 187,035.00	\$ 186,935.00	\$ 100.00	6/16/2009	N	N/A	N/A	
12 Virginia St FM 426517-1 AP115 / ARRA345	Final Acceptance	\$ 174,050.00	\$ 167,590.00	\$ 6,460.00	6/16/2009	N	N/A	N/A	
13 Applerouth Ln FM 426518-1 AP115 / ARRA346	Final Acceptance	\$ 32,635.00	\$ 32,250.00	\$ 385.00	6/16/2009	N	N/A	N/A	
14 Caroline St FM 426511-1 AP117 / ARRA340	Final Acceptance	\$ 136,680.00	\$ 136,680.00	\$ -	6/16/2009	N	N/A	N/A	
15 Eaton St FM 426512-1 AP117 / ARRA341	Final Acceptance	\$ 126,347.00	\$ 126,202.67	\$ 144.33	6/16/2009	N	N/A	N/A	
16 Fleming St FM 426510-1 AP116 / ARRA419	Final Acceptance	\$ 170,422.00	\$ 170,283.34	\$ 138.66	6/16/2009	N	N/A	N/A	
17 Southard St FM 426509-1 AP114 / ARRA418	Final Acceptance	\$ 146,521.00	\$ 145,528.67	\$ 992.33	6/16/2009	N	N/A	N/A	
18 William St FM 426514-1 AP114 / ARRA342	Final Acceptance	\$ 50,828.00	\$ 50,582.00	\$ 246.00	6/16/2009	N	N/A	N/A	
19 13th St FM 426515-1 AP114 / ARRA343	Final Acceptance	\$ 31,172.00	\$ 30,892.00	\$ 280.00	6/16/2009	N	N/A	N/A	
20 United St M&P FM 426183-1 AP114 / ARRA353	Final Acceptance	\$ 418,466.00	\$ 416,433.25	\$ 2,032.75	6/1/2009	N	N/A	N/A	
21 United St Stormwater FM 422717-1 AP137 / 4254004C	Final Acceptance	\$ 1,050,582.00	\$ 608,136.50	\$ 442,445.50	6/15/2009	N	N/A	N/A	
22 Duval/Truman FM 415406-2 AP540 / S121001R	Phase 3B only Design Complete	\$ 491,964.00	\$ 491,808.20	\$ 155.80	6/2/2008	N	N/A	N/A	
23 Flagler Ave Ph I FM 421378-1 AP724 / SFTL163R	Final Acceptance	\$ 685,200.00	\$ 653,502.00	\$ 31,698.00	6/24/2008	N	N/A	N/A	
24 Flagler Ave Ph II FM 421378-2 AP728 / SFTL300R	Final Acceptance	\$ 424,000.00	\$ 393,903.90	\$ 30,096.10	6/24/2008	N	N/A	N/A	
<b>Totals</b>		<b>\$ 6,981,570.00</b>	<b>\$ 6,276,512.79</b>	<b>\$ 705,057.21</b>					

Projects Not Yet Closed Out:									
Project	Status	Amount of Funding Award	Amount of Funds Utilized to Date	Unused Funds to Date	Year Programmed	Project Deferred? (Y or N)	# of Fiscal Years Deferred	Reason for Deferral	
1 SRTS Poinciana FM 425854-1 AQ244 / SRTS140	In Construction	\$ 622,994.00	\$ 217,446.90	\$ 405,547.10	9/23/2010	N	N/A	N/A	
2 Glynn Archer Dr FM 420042-1 APQ64 / 4254009C	Close Out Process	\$ 2,940,660.00	\$ 1,764,396.00	\$ 1,176,264.00	10/29/2009	N	N/A	N/A	
3 SRTS Gerald Adams FM 425851-1 APQ62 / SRTS139	Close Out Process	\$ 630,000.00	\$ 301,146.93	\$ 328,853.07	10/27/2009	N	N/A	N/A	
4 5 Roosevelt Blvd FM 250548-0 ANT08 / 6239028U	Phase 3B only In Design	\$ 596,940.33	\$ 484,934.87	\$ 112,005.46	12/12/2004	N	N/A	N/A	
<b>Totals</b>		<b>\$ 4,790,594.33</b>	<b>\$ 2,767,924.70</b>	<b>\$ 2,022,669.63</b>					



Eisenhower Drive



College Road

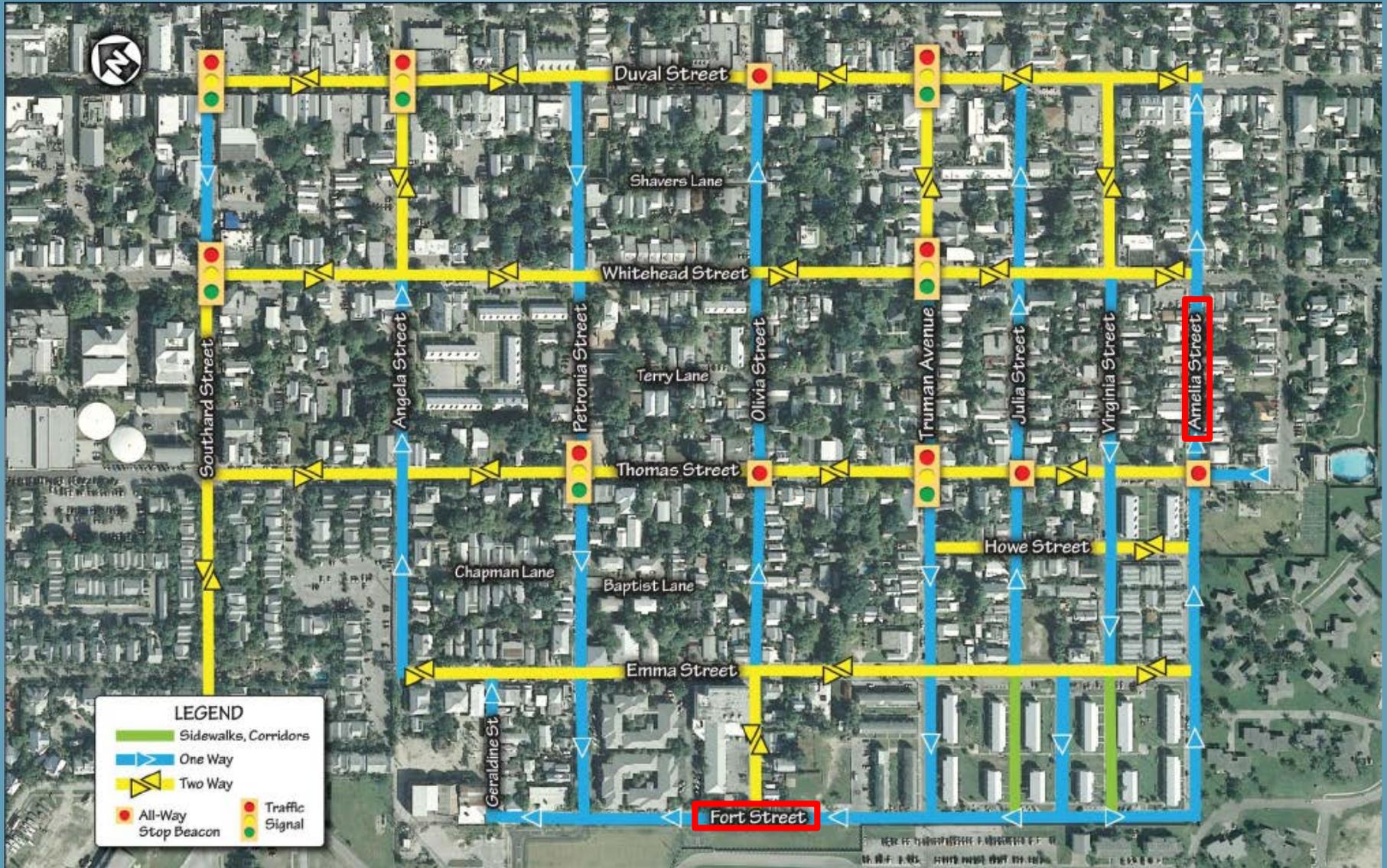


Atlantic Boulevard



Flagler Avenue

# Previous City of Key West Funding Awards Report



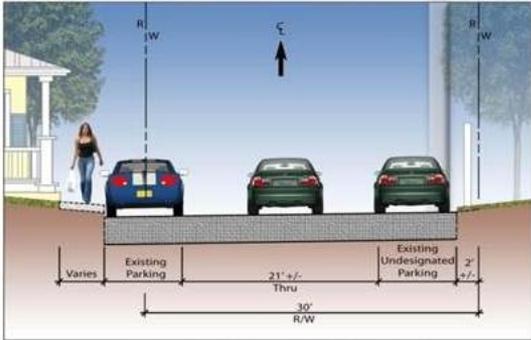
## Bahama Village Connectivity Project – FM #415406-2

Existing Traffic Patterns

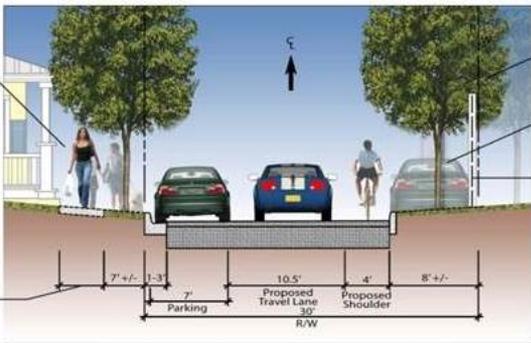




PLAN VIEW  
SCALE: IN FEET  
0 10 20  
N



EXISTING CROSS SECTION- LOOKING NE  
Scale: N.T.S.



PROPOSED CROSS SECTION- LOOKING NE  
Scale: N.T.S.



STREET VIEW

# Amelia Street Enhancements

Improvements Area



PROJECT: Bahama Village/Truman Waterfront Connectivity Projects  
 CLIENT: City of Key West  
 Monday, February 28, 2011

PROJECT #: 144481000

**AMELIA STREET - OPINION OF PROBABLE CONSTRUCTION COSTS**  
 Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting

*"The Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinion of probable costs."*

ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LS	1	\$50,000.00	\$50,000
102-1	MAINTENANCE OF TRAFFIC	LS	1	\$35,000.00	\$35,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1	\$25,000.00	\$25,000
108-1	AS-BUILTS	LS	1	\$15,000.00	\$15,000
110-1-1	CLEARING & GRUBBING	LS	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LS	1	\$20,000.00	\$20,000
120-1	REGULAR EXCAVATION	CY	1,926	\$8.00	\$15,408
120-8	EMBANKMENT	CY	41	\$15.00	\$615
160-4	TYPE "B" STABILIZATION	SY	4,326	\$2.50	\$10,820
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	3,374	\$25.00	\$84,350
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	365.2	\$175.00	\$63,910
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	274	\$200.00	\$54,800
425-1-201	INLETS (CURB) (TYPE P-9) (<10")	EA	23	\$3,000.00	\$69,000
425-1-203	INLETS (CURB) (TYPE J-9) (<10")	EA	2	\$3,500.00	\$7,000
425-1-711	INLETS (GUTTER) (TYPE V) (<10")	EA	1	\$2,000.00	\$2,000
425-2-61	MANHOLES (P-8) (<10")	EA	1	\$2,100.00	\$2,100
425-2-63	MANHOLES (P-8) (PARTIAL)	EA	1	\$2,100.00	\$2,100
425-2-91	MANHOLES (J-8) (<10")	EA	7	\$3,000.00	\$21,000
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	8	\$600.00	\$4,800
425-8	VALVE BOX - ADJUST	EA	13	\$300.00	\$3,900
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	724	\$80.00	\$57,920
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	405	\$90.00	\$36,450
520-1-8	CONCRETE CURB & GUTTER (TYPE F MODIFIED)	LF	1,733	\$25.00	\$43,325
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	1,635	\$30.00	\$49,050
520-2-4	CONCRETE CURB (TYPE D)	LF	33	\$25.00	\$825
520-2-9	CONCRETE CURB (HEADER) (12")	LF	411	\$15.00	\$6,165
520-2-9A	CONCRETE CURB (HEADER) (24")	LF	32.5	\$15.00	\$488
523-1	CONCRETE SIDEWALK, 4" THICK	SY	1,321	\$60.00	\$79,260
523-2	CONCRETE SIDEWALK, 6" THICK	SY	211.5	\$70.00	\$14,805
526-1-2	ARCHITECTURAL PAVERS (ROADWAY)	SY	162	\$95.00	\$15,390
526-1-2A	ARCHITECTURAL PAVERS (REMOVE AND RESET)	SY	88	\$125.00	\$11,000
550-10-251	FENCING (TYPE B) (8" T - 10.0) (WITH BARBED WIRE ATTACHMENT)	LF	12	\$200.00	\$2,400
1050-12-220	UTILITY PIPE RELOCATE (PVC) (8") (WATER)	LF	150	\$95.00	\$14,250
1080-15	METER BOX (ADJUST)	EA	33	\$575.00	\$18,875
1844-800	FIRE HYDRANT (RELOCATE)	EA	1	\$2,400.00	\$2,400
ROADWAY SUBTOTAL =					\$875,756

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN (F&I) (LESS THAN 12 SF)	AS	27	\$475.00	\$12,825
700-20-11A	BUS STOP WAYFINDING SIGN	AS	2	\$1,200.00	
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (8")	LF	3,478	\$1.50	\$5,217
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	113	\$4.00	\$452
711-11-190	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	52	\$300.00	\$15,600
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (8")	LF	286	\$3.00	\$858
SIGNING & PAVMT MARKING SUBTOTAL =					\$34,952

LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
510-78	STREET BOLLARD	EA	6	\$225.00	\$1,350
510-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (SOD) (COMMON BERMUUDA)	SY	529.3	\$5.00	\$2,647
570-1-2A	MULCH	CY	74.1	\$45.00	\$3,335
570-1-2B	TOPSOIL	CY	867.4	\$15.00	\$13,011
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	6,948	\$10.00	\$69,480
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	46	\$350.00	\$16,100
580-1-2	LANDSCAPE COMPLETE (LARGE PLANTS)	EA	2	\$500.00	\$1,000
721-74-1	TRASH RECEPTACLE	EA	2	\$500.00	\$1,000
721-75-1	BENCHES	EA	2	\$2,500.00	\$5,000
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
LANDSCAPE SUBTOTAL =					\$112,772

LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	2,240	\$15.00	\$33,600
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	29	\$6,500.00	\$188,500
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	31	\$75.00	\$2,325
LIGHTING SUBTOTAL =					\$231,925

ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	162	(\$90.00)	-\$14,580
ALTERNATE BID SUBTOTAL =					(\$9,720)
GRAND TOTAL =					\$1,255,405
CONTINGENCY = 10%					\$125,540
PROJECT TOTAL =					\$1,380,945

**COST ESTIMATE DETAIL**

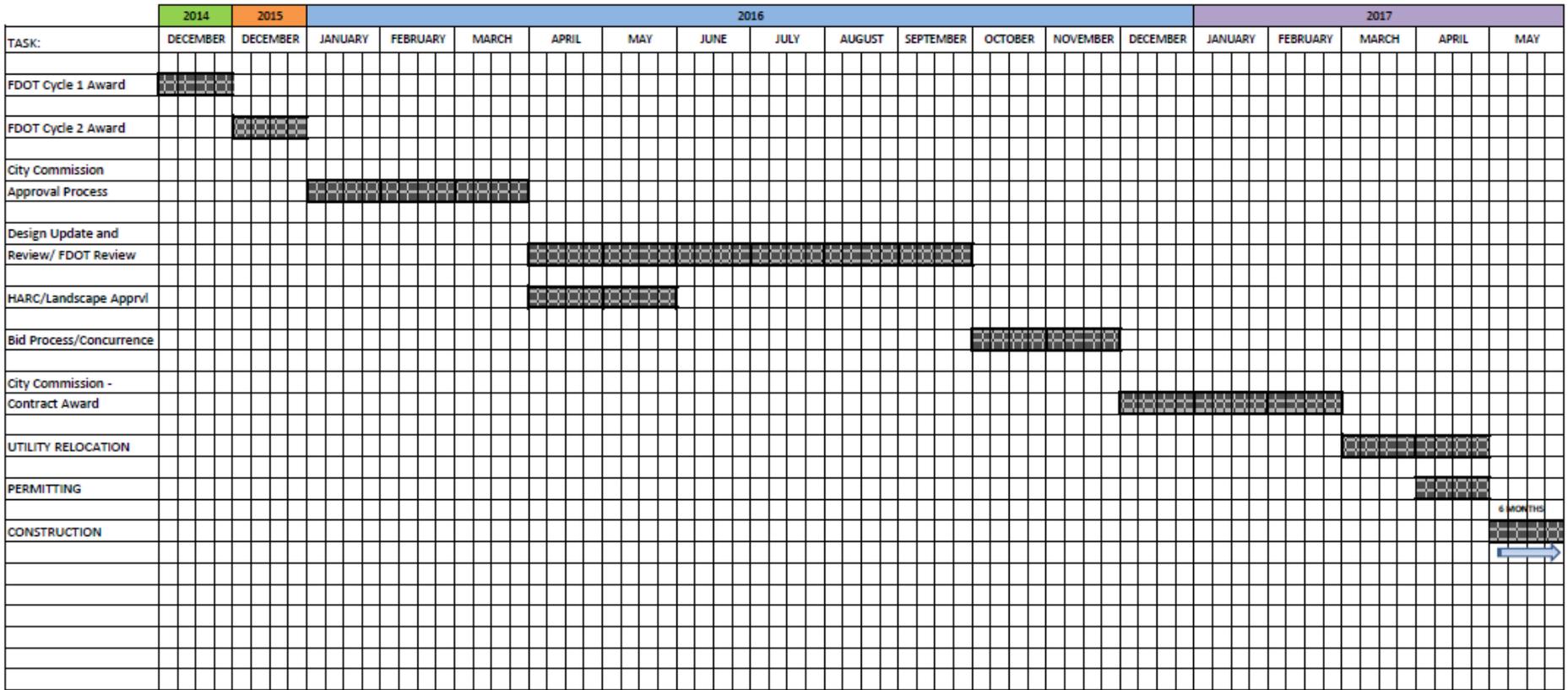
Engineer's Opinion of Probable Costs	\$1,380,945.00
Estimated Construction Cost Increase (CPI + 3%/yr)	\$ 267,976.00
<b>Sub-Total</b>	<b>\$1,648,921.00</b>
Key West Factor (15% markup)	\$ 247,338.00
Construction, Engineering and Inspection (7.5%)	\$ 142,220.00
<b>Total Estimated Project Costs</b>	<b>\$2,038,479.00</b>
Requested STP Funding	\$ 530,005.00
<b>Requested TAP Funding</b>	<b>\$1,508,474.00</b>

# Amelia Street Enhancements

## Cost Estimate Detail

# SCHEDULE

## BAHAMA VILLAGE CONNECTIVITY PROJECT - AMELIA STREET ENHANCEMENTS

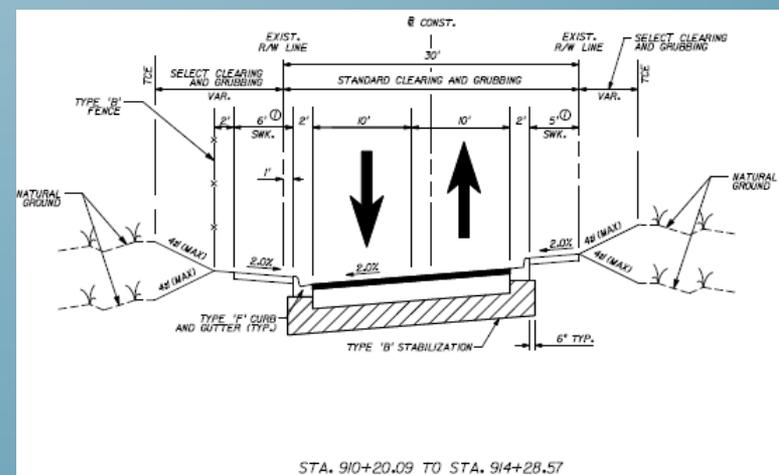
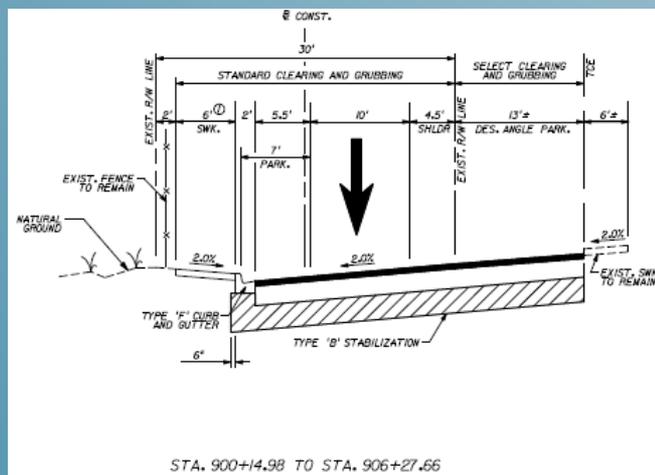
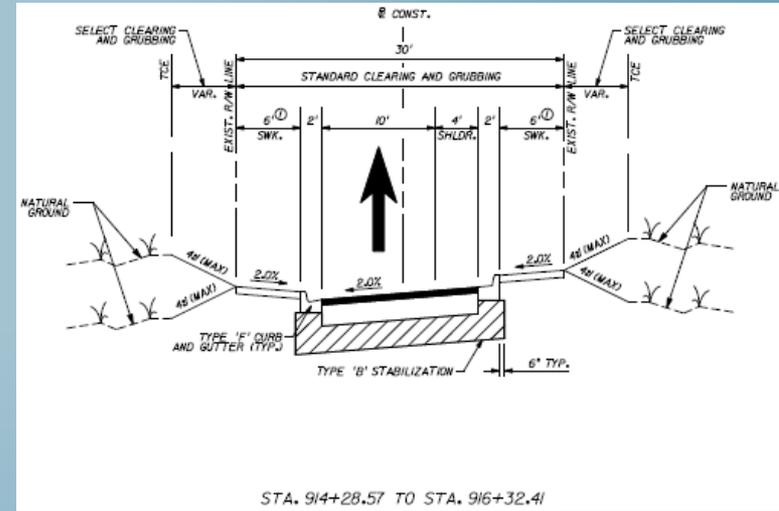


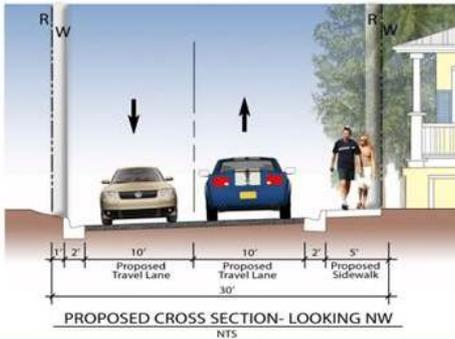
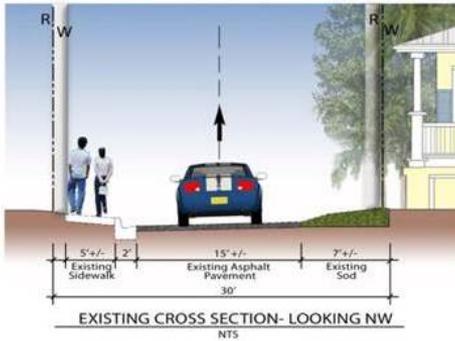
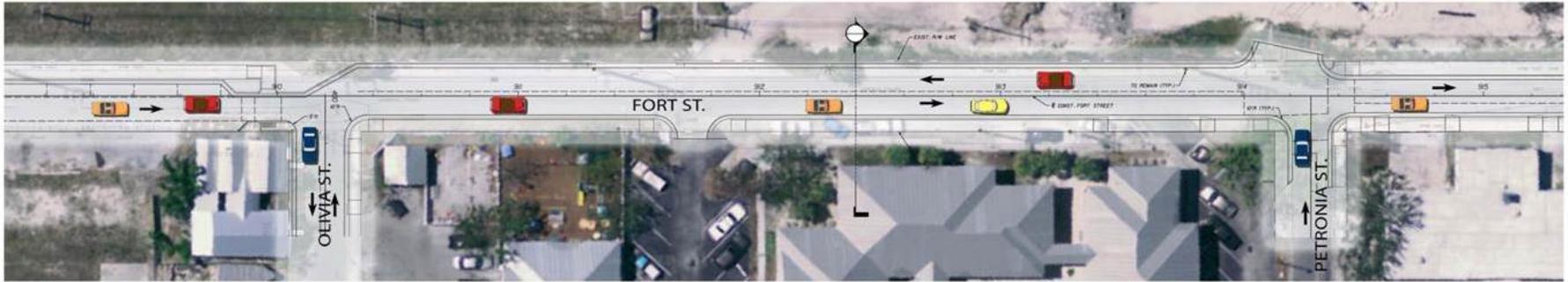
# Amelia Street Enhancements

## Project Schedule

# FORT STREET ENHANCEMENTS

- 50.0' Right-of-Way
- One & Two-Way Traffic
- ADA Compliant Sidewalk Both Sides
- On-Street Parking
- Improved Stormwater
- New Pavement (STP Funded - pending)
- Landscaping (STP Funded - pending)
- Signage
- Street Furnishings
- Section 106 Review by SHPO





# Fort Street Enhancements

Improvements Area

**FORT STREET - OPINION OF PROBABLE CONSTRUCTION COSTS  
Roadway, Drainage, Landscape, Hardscape, and Roadway Lighting**

*"The Engineer has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor's methods of determining prices, or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to the Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinion of probable costs."*

ROADWAY PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
101-1	MOBILIZATION	LB	1	\$50,000.00	\$50,000
102-1	MAINTENANCE OF TRAFFIC	LB	1	\$25,000.00	\$25,000
104-10-3	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LB	1	\$20,000.00	\$20,000
108-1	AS-BUILTS	LB	1	\$10,000.00	\$10,000
110-1-1	CLEARING & GRUBBING	LB	1	\$35,000.00	\$35,000
110-1-1A	CLEARING & GRUBBING (SELECT)	LB	1	\$10,000.00	\$10,000
120-1	REGULAR EXCAVATION	CY	1,747	\$8.00	\$13,976
120-6	EMBANKMENT	CY	27	\$15.00	\$405
160-4	TYPE "B" STABILIZATION	SY	4,652	\$2.50	\$11,630
285-704	CEMENTED COQUINA BASE (LBR 100) (6")	SY	21.7	\$17.50	\$380
285-709	CEMENTED COQUINA BASE (LBR 100) (10")	SY	3,840	\$25.00	\$96,000
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC C)	TN	412.4	\$175.00	\$72,170
337-7-32	ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-9.5, RUBBER)	TN	308	\$200.00	\$61,600
425-1-201	INLETS (CURB) (TYPE P-9) (<10')	EA	6	\$3,000.00	\$18,000
425-1-203	INLETS (CURB) (TYPE J-9) (<10')	EA	2	\$3,500.00	\$7,000
425-1-711	INLETS (GUTTER) (TYPE V) (<10')	EA	1	\$2,000.00	\$2,000
425-2-61	MANHOLES (P-8) (<10')	EA	3	\$2,100.00	\$6,300
425-2-63	MANHOLES (P-8) (PARTIAL)	EA	2	\$2,100.00	\$4,200
425-2-71	MANHOLES (J-7) (<10')	EA	1	\$4,500.00	\$4,500
425-5-1	MANHOLE - ADJUST (UTILITIES)	EA	7	\$600.00	\$4,200
425-6	VALVE BOX - ADJUST	EA	12	\$300.00	\$3,600
430-174-118	CONC. PIPE CULVERT (18" SD)	LF	3	\$80.00	\$240
430-174-124	CONC. PIPE CULVERT (24" SD)	LF	275	\$90.00	\$24,750
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	2,845	\$30.00	\$79,350
520-2-4	CONCRETE CURB (TYPE D)	LF	331	\$25.00	\$8,275
520-2-6	CONCRETE CURB (HEADER) (12")	LF	373	\$15.00	\$5,595
522-1	CONCRETE SIDEWALK, 4" THICK	SY	1,532	\$60.00	\$91,920
522-2	CONCRETE SIDEWALK, 6" THICK	SY	86.4	\$70.00	\$6,048
528-1-3	ARCHITECTURAL PAVERS (ROADWAY)	SY	121	\$95.00	\$11,495
550-10-220	FENCING (TYPE B) (5.1' - 6.0') (STANDARD)	LF	200.5	\$10.00	\$2,005
550-80-226A	FENCE GATE (TYPE B) (DOUBLE) (24.1' - 30.0') (OPENING) (RELOCATE)	EA	1	\$500.00	\$500
1080-15	METER BOX (ADJUST)	EA	30	\$575.00	\$17,250
<b>ROADWAY SUBTOTAL =</b>					<b>\$703,389</b>

SIGNING & PAVEMENT MARKING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
700-20-11	SINGLE POST SIGN (F&I) (LESS THAN 12 SF)	AS	32	\$475.00	\$15,200
700-20-11C	VEHICULAR WAYFINDING SIGN (SINGLE POST)	AS	2	\$6,000.00	\$12,000
711-11-121	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (6")	LF	3,885	\$1.50	\$5,828
711-11-124	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (18")	LF	49	\$3.00	\$147
711-11-125	THERMOPLASTIC (STANDARD) (WHITE) (SOLID) (24")	LF	47	\$4.00	\$188
711-11-141	THERMOPLASTIC (STANDARD) (WHITE) (SKIP) (2'-4") (6")	LF	51	\$1.00	\$51
711-11-180	THERMOPLASTIC (STANDARD) (WHITE) (MESSAGE)	EA	24	\$300.00	\$7,200
711-11-180	THERMOPLASTIC (STANDARD) (WHITE) (YIELD LINE)	LF	10	\$1.50	\$15
711-11-221	THERMOPLASTIC (STANDARD) (YELLOW) (SOLID) (6")	LF	738	\$3.00	\$2,214
711-11-421	THERMOPLASTIC (STANDARD) (BLUE) (SOLID) (6")	LF	126	\$1.50	\$192
<b>SIGNING &amp; PAVMT MARKING SUBTOTAL =</b>					<b>\$43,035</b>

LANDSCAPE PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
519-78	STREET BOLLARD	EA	6	\$225.00	\$1,350
519-78A	BIKE BOLLARD	EA	3	\$200.00	\$600
570-1-2	PERFORMANCE TURF (800) (COMMON BERMUUDA)	SY	534	\$5.00	\$2,670
570-1-2A	MULCH	CY	15.6	\$45.00	\$702
570-1-2B	TOPSOIL	CY	139.0	\$15.00	\$2,085
580-1-1A	LANDSCAPE COMPLETE (SMALL SHRUBS)	EA	1,436	\$10.00	\$14,360
580-1-1B	LANDSCAPE COMPLETE (SMALL/MEDIUM PLANTS)	EA	5	\$350.00	\$1,750
580-1-2	LANDSCAPE COMPLETE (LARGE PLANTS)	EA	5	\$500.00	\$2,500
721-74-1	TRASH RECEPTACLE	EA	3	\$500.00	\$1,500
721-75-1	BENCHES	EA	4	\$2,500.00	\$10,000
721-77	BIKE RACK	EA	3	\$750.00	\$2,250
<b>LANDSCAPE SUBTOTAL =</b>					<b>\$39,767</b>

LIGHTING PAY ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
715-2-11	CONDUIT (PVC SCHEDULE 40-2") UNDERGROUND	LF	2,832	\$15.00	\$39,480
715-4-300A	LIGHT POLE COMPLETE (FURNISH & INSTALL)	EA	48	\$6,500.00	\$312,000
715-7-11	LOAD CENTER (SECONDARY VOLTAGE)	EA	1	\$7,500.00	\$7,500
715-14-11	PULL BOX (CONCRETE) (ROADSIDE)	EA	51	\$75.00	\$3,825
<b>LIGHTING SUBTOTAL =</b>					<b>\$362,805</b>

ALTERNATE BID ITEMS					
PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY	UNIT COST	PROJECT COST
526-1-2B	ASPHALTIC CONCRETE CROSSWALKS	SY	121	(\$80.00)	-\$9,780
<b>ALTERNATE BID SUBTOTAL =</b>					<b>(\$7,280)</b>
<b>GRAND TOTAL =</b>					<b>\$1,148,095</b>
<b>CONTINGENCY = 10%</b>					<b>\$114,900</b>
<b>PROJECT TOTAL =</b>					<b>\$1,263,895</b>

**COST ESTIMATE DETAIL**

Engineer's Opinion of Probable Costs	\$1,263,895.00
Estimated Construction Cost Increase (CPI + 3%/yr)	<u>\$ 245,262.00</u>
<b>Sub-Total</b>	<b>\$1,509,157.00</b>
Key West Factor (15% markup)	\$ 226,374.00
Construction, Engineering and Inspection (7.5%)	\$ 130,165.00
High Power Transmission Line Relocation (2)	<u>\$ 200,000.00</u>
<b>Total Estimated Project Costs</b>	<b>\$2,065,696.00</b>
Requested STP Funding	<u>\$ 485,081.00</u>
<b>Requested TAP Funding</b>	<b>\$1,580,615.00</b>

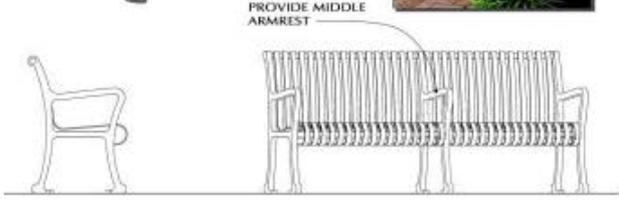
# Fort Street Enhancements

## Cost Estimate Detail





LED FIXTURE CAN BE MOUNTED TO EXISTING SURFACES SUCH AS CONCRETE POLES / STRUCTURES



**STREET LIGHTING**

**DECORATIVE BENCHES**



**WAYFINDING SIGNAGE STUDY**



**RECEPTACLES**



**BOLLARDS / BIKE RACKS**

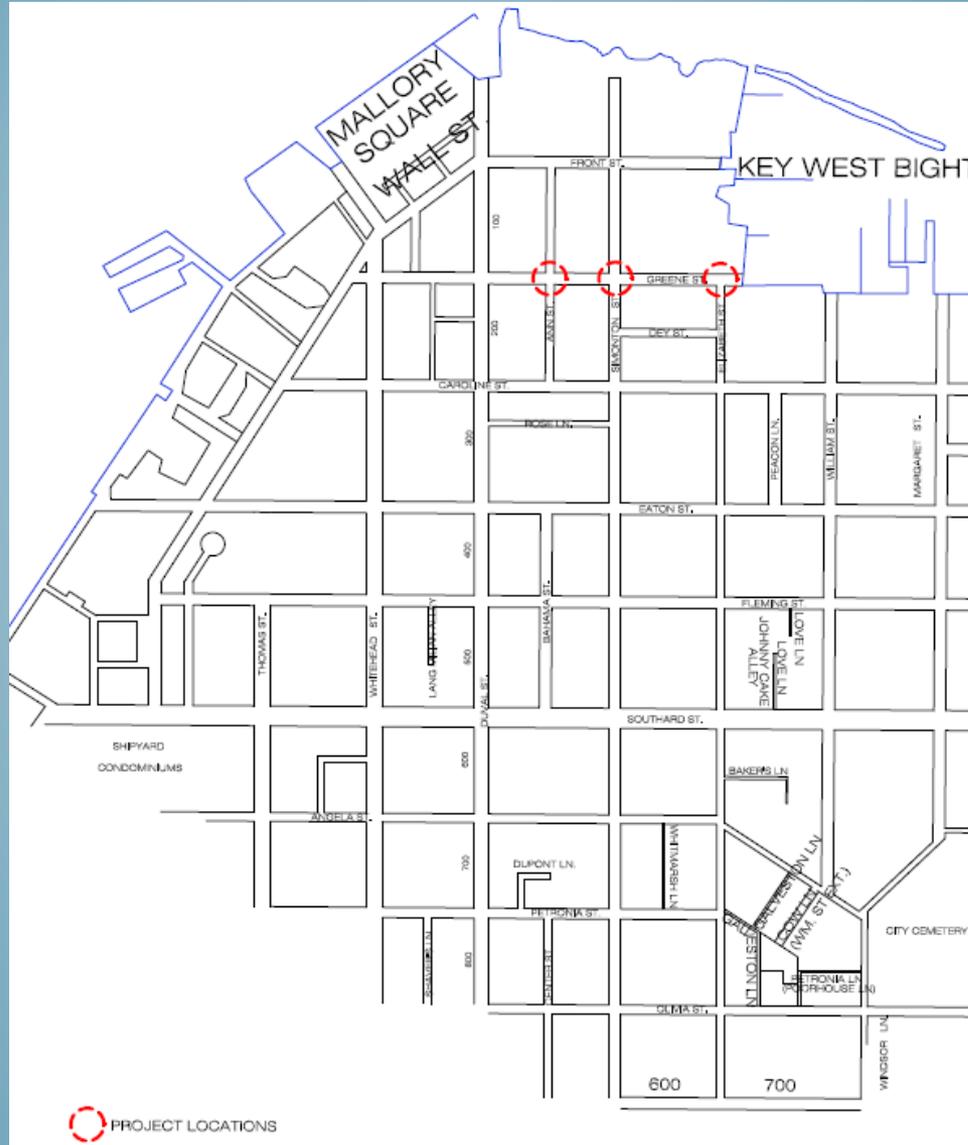
# Bahama Village Connectivity Project

Street Furnishings – Amelia and Fort Streets

# Bahama Village Connectivity Project

AMELIA STREET ENHANCEMENTS  
FORT STREET ENHANCEMENT

- *The proposed improvements will provide an ADA compliant access route along with a vehicular way that will meet or exceed the minimum design standards. The project includes multimodal connectivity opportunities with an emphasis on “walkable community” features, development of uniform design standards for the public realm including existing and proposed bicycle paths, streets, sidewalks, lighting, entry features, signage, landscaping, street furniture, drainage, electric, and related issues.*
- *The purpose of the proposed project is to increase multimodal connectivity on and between Duval Street and the Truman Waterfront Parcel in order to facilitate movement between the existing historic community fabric and the proposed waterfront development area.*
- *The City will competitively bid the project to obtain an FDOT pre-qualified contractor and CEI. City staff will perform grant and project administration.*
- *The City will provide in-kind services (project administration) during construction and include, as a matter of procedure, any required match in its capital improvement plan and annual budget.*
- *The City held four public meetings during the design phase to provide “community awareness” of this proposed project. If funded, it is the City’s policy to hold a public meeting, prior to construction, to keep the residents informed.*

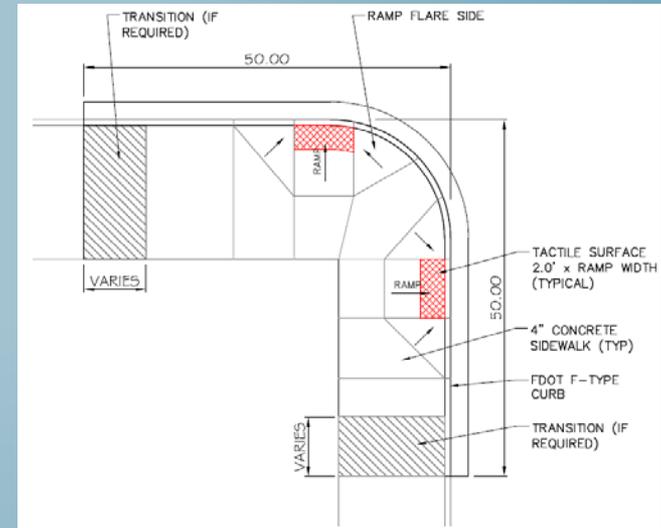


# Greene Street ADA Ramps

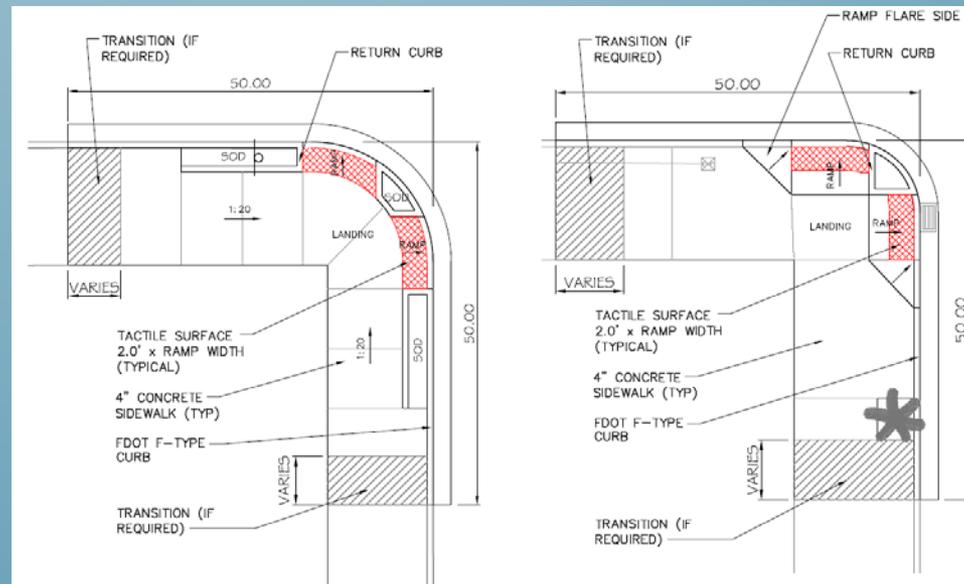
Location Map

# GREENE STREET ADA RAMPS

- 50.0' Right-of-Way
- ADA Compliant Corners (Ramps)
- Signage
- Existing Two-Way Traffic
- Existing Sidewalk Both Sides
- Existing On-Street Parking
- Section 106 Review by SHPO



## TYPICAL CORNER RAMPS



City of Key West  
 Engineering Services  
 3140 Flagler Avenue  
 Key West, Florida 33040  
 (305)809-3062



Construction Cost Estimate  
 Project No.

Cost Estimate Per Corner

WORK ORDER

DATE: April 2014

Initials: KMO

Ramp Installation Greene Street Corridor

Work Order

Description of Work: Provide ADA compliant ramps

DIV	Type of Work	Quantity	Units	Cost per Unit	Line Item Cost	Notes
	MOB/Grant Req's/MOT/General Cond		LS	\$605.00	\$605.00	
	<b>SITWORK/DEMOLITION</b>					
	Pavement Removal	200	SF	\$2.00	\$400.00	
	Sidewalk Removal	800	SF	\$2.00	\$1,600.00	
	Curb Removal	200	LF	\$2.50	\$500.00	
	Milling		SY	\$0.00	\$0.00	
	<b>SITWORK/INSTALLATION</b>					
	Aggregate Base	10.00	TON	\$48.00	\$480.00	
	4" Concrete Sidewalk	800	SF	\$8.00	\$6,400.00	
	6" Concrete Sidewalk	0	SF	\$0.00	\$0.00	
	Asphalt-Hot Mix	3.00	TON	\$370.00	\$1,110.00	
	Concrete Curb (FDOT Type F)	200	LF	\$30.00	\$6,000.00	
	Concrete Curb (FDOT Drop Curb)		LF	\$0.00	\$0.00	
	Thickened Edge		LF	\$0.00	\$0.00	
	Curb Paint	90	LF	\$2.00	\$180.00	
	Brick Pavers (ADA Detectable Warning Surface)	20	SF	\$30.00	\$600.00	
	Thermoplastic High Emphasis Crosswalk	1.00	EA	\$100.00	\$100.00	
	FDOT Sign	1	EA	\$325.00	\$325.00	
	Water/Sewer Boxes w/adjustment	2.00	EA	\$350.00	\$700.00	
		0	HR	\$0.00	\$0.00	
		0	HR	\$0.00	\$0.00	
		0	HR	\$0.00	\$0.00	
		0	HR	\$0.00	\$0.00	
		0.0	HR	\$0.00	\$0.00	
	<b>TOTAL</b>				<b>\$19,000.00</b>	

SCHEDULE:

NOTE: THIS ESTIMATE IS PER CORNER WITH 4 CORNERS PER INTERSECTION AND 3 INTERSECTIONS WITHIN THE PROJECT.  
 \$19,000 x 4 (corners) = \$76,000 per Intersection. \$76,000 x 3 (Intersections) = \$228,000 estimated project.

COST ESTIMATE DETAIL

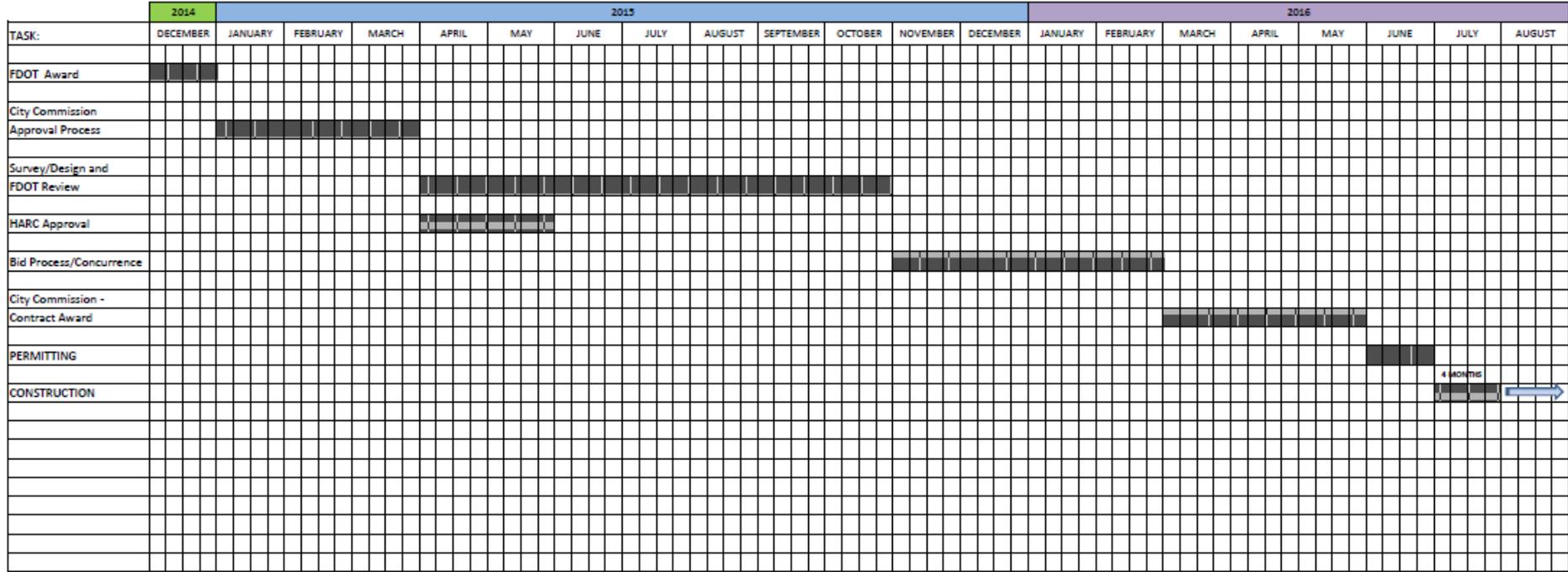
Engineer's Opinion of Probable Costs	\$ 228,000.00
Construction, Engineering and Inspection (10.0%)	\$ 22,800.00
Advertising	\$ 1,000.00
<b>Total Estimated Project Costs</b>	<b>\$ 251,800.00</b>

# Greene Street ADA Ramps

## Cost Estimate Detail

# SCHEDULE

## Greene Street Corridor ADA Ramp Installation



# Greene Street ADA Ramps

## Project Schedule

## GREENE STREET ADA RAMPS

- *The proposed improvements will provide ADA compliant ramps along the Greene Street corridor*
- *The purpose of the proposed project is to increase compliance within the “old town” business district*
- *The City will competitively bid the project to obtain an FDOT pre-qualified contractor and CEI. City staff will perform grant and project administration.*
- *The City will provide in-kind services (project administration) during construction and include, as a matter of procedure, any required match in its capital improvement plan and annual budget.*
- *The City will hire and pay for a Engineering Consultant to design project. Consultant will follow FDOT design guidelines and submit to FDOT for review and approval*
- *The City will notify the surrounding businesses of the proposed improvements prior to construction.*

QUESTIONS  
AND  
ANSWERS