



SANTA ROSA COUNTY ENGINEERING DEPARTMENT

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6051 Old Bagdad Highway, Suite 300 | Milton, Florida 32583

MEMORANDUM

TO: Tony Gomillion, County Administrator

FROM: Michael W. Schmidt, P.E., Assistant County Engineer *Michael*

THROUGH: Roger A. Blaylock, P.E. County Engineer

DATE: August 31, 2016

RE: Camden Drive Drainage Improvements

DISCUSSION:

The State legislature appropriated \$650,000 to Santa Rosa County, for the Camden Drive Drainage project. Commissioner Rob Williamson met with staff and our consultant, Baskerville Donovan (BDI) to discuss available funding, phasing plan, and the prioritized conceptual improvement list from the HBTS Drainage Study.

FINDINGS:

The project is proposed to be done in two phases. No match is required, although 1.3 million was previously committed by the BOCC on December 7, 2015. The Camden Drive appropriation discussion should be accompanied with an overall discussion of the prioritization of the HBTS projects, prioritized listing, execution of projects and direction to BDI for utilizing the \$90,000 available in the original HBTS study agreement.

RECOMMENDATION:

Based on the BDI presentation, define the project scope, tasks and deliverables needed by FDEP to develop and execute a grant agreement, and discussion of HBTS projects.

MWS/sjp



Camden Drive Improvements, Phase 1



1 in = 400 ft

ESTIMATE OF PROBABLE COST



PROJECT: Camden Drive Phase I
LOCATION: Santa Rosa County, FL
Prepared by: MDL

Date: August 2016
Reviewed by: WJH

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization/Demobilization	1	LS	\$10,000.00	\$10,000.00
2	Maintenance of Traffic	1	LS	\$25,000.00	\$25,000.00
3	Hay Bales	3,600	EA	\$13.50	\$48,600.00
4	Silt Fence	7,200	LF	\$7.50	\$54,000.00
5	Select Demolition Sherwood Drive Culvert	1	LS	\$20,000.00	\$20,000.00
6	Select Demolition Camden Drive Culvert	1	LS	\$15,000.00	\$15,000.00
7	Select Demolition Elbing Street Culvert	1	LS	\$15,000.00	\$15,000.00
8	Select Demolition Kempton Street Culvert	1	LS	\$15,000.00	\$15,000.00
9	Select Demolition Bellingham Street Culvert	1	LS	\$20,000.00	\$20,000.00
10	Select Demolition Glassport Street Culvert	1	LS	\$15,000.00	\$15,000.00
11	Clearing within ROW	2	AC	\$8,000.00	\$16,000.00
12	Hand Clearing, Wetlands/Flow way 50'x2500'	8	AC	\$15,000.00	\$120,000.00
13	Dewatering, Well Point	6	MO	\$10,000.00	\$60,000.00
14	Utility Adjustments	1	LS	\$110,000.00	\$110,000.00
15	Roadside Ditch Grading	4,500	LF	\$10.50	\$47,250.00
16	8'x8' Box Culvert w/Headwall	40	LF	\$1,950.00	\$78,000.00
17	4'x4' Box Culvert w/Headwall	40	LF	\$1,000.00	\$40,000.00
18	36" Reinforced Concrete Pipe (RCP)	720	LF	\$85.00	\$61,200.00
19	Double 36" RCP Mitered End Section (MES)	12	EA	\$3,200.00	\$38,400.00
20	24" Reinforced Concrete Pipe (RCP)	120	LF	\$65.00	\$7,800.00
21	24" RCP Mitered End Section (MES)	4	EA	\$1,850.00	\$7,400.00
22	24"x38" Reinforced Concrete Pipe (ERCP)	240	LF	\$95.00	\$22,800.00
23	DBL 24"x38" RCP Mitered End Section (MES)	4	EA	\$3,200.00	\$12,800.00
24	Rip Rap w/ Geotextile	100	SY	\$140.00	\$14,000.00
25	12" Stabilized Subgrade	1,600	SY	\$8.00	\$12,800.00
26	8" Limerock Base	1,600	SY	\$20.00	\$32,000.00
27	1.5" SP-12.5 Asphalt	1,400.00	SY	\$7.00	\$9,800.00
28	Seed and Mulch	6,000	SY	\$1.25	\$7,500.00
29	Sod	700	SY	\$3.75	\$2,625.00
30	Signage and Striping	1	LS	\$6,000.00	\$6,000.00
31	Misc Restoration	1	LS	\$60,000.00	\$60,000.00
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Note:

Unit prices shown in this opinion of probable cost are based on the following cost databases:
 *Florida Department of Transportation Historical Statewide Cost Information
 *Baskerville-Donovan, Inc. Historical Bid Tab Information

SUBTOTAL	\$1,003,975.00
Contingency (20%)	\$200,795.00
SUBTOTAL WITH CONTINGENCY	\$1,204,770.00
Consulting Fees (15%)	\$180,715.50
Construction Fees (10%)	\$120,477.00
Agency Permitting Fees	\$5,000.00
TOTAL	\$1,510,962.50



2-19"x30" ERCP

Roadway Paving

CAMDEN DR

INDIAN ST

GLASSPORT ST

BELLINGHAM ST

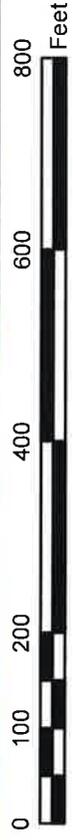
KEMPTON ST

ELBING ST

3'x5' BOX CULVERT

3'x5' BOX CULVERT

2-3'x4' BOX CULVERT



Camden Drive Improvements, Phase 2



1 in = 200 ft

ESTIMATE OF PROBABLE COST



PROJECT: Camden Drive Phase II
LOCATION: Santa Rosa County, FL
Prepared by: MDL

Date: August 2016
Reviewed by: WJH

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization/Demobilization	1	LS	\$10,000.00	\$10,000.00
2	Maintenance of Traffic	1	LS	\$25,000.00	\$25,000.00
3	Hay Bales	1,500	EA	\$13.50	\$20,250.00
4	Silt Fence	3,000	LF	\$7.50	\$22,500.00
5	Select Demolition Elbing Street Culvert	1	LS	\$15,000.00	\$15,000.00
6	Select Demolition Kempton Street Culvert	1	LS	\$15,000.00	\$15,000.00
7	Select Demolition Bellingham Street Culvert	1	LS	\$20,000.00	\$20,000.00
8	Select Demolition Indian Street Culvert	1	LS	\$15,000.00	\$15,000.00
9	DBL 3'x4' Box Culvert W/Headwall	1	EA	\$70,000.00	\$70,000.00
10	3'x5' Box Culvert W/Headwall	2	EA	\$50,000.00	\$100,000.00
11	19"x30" Reinforced Concrete Pipe (ERCP)	120	LF	\$75.00	\$9,000.00
12	19"x30" RCP Mitered End Section (MES)	4	EA	\$1,850.00	\$7,400.00
13	12" Stabilized Subgrade	5,000	SY	\$8.00	\$40,000.00
14	8" Limerock Base	5,000	SY	\$20.00	\$100,000.00
15	1.5" SP-12.5 Asphalt	4,400	SY	\$7.00	\$30,800.00
16	Seed and Mulch	3,300	SY	\$1.25	\$4,125.00
17	Sod	1,000	SY	\$3.75	\$3,750.00
18	Signage and Striping	1	LS	\$5,000.00	\$5,000.00
19	Misc Restoration	1	LS	\$30,000.00	\$30,000.00
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Note:
 Unit prices shown in this opinion of probable cost are based on the following cost databases:
 *Florida Department of Transportation Historical Statewide Cost Information
 *Baskerville-Donovan, Inc. Historical Bid Tab Information

SUBTOTAL	\$542,825.00
Contingency (20%)	\$108,565.00
SUBTOTAL WITH CONTINGENCY	\$651,390.00
Consulting Fees (15%)	\$97,708.50
Construction Fees (10%)	\$65,139.00
Agency Permitting Fees	\$5,000.00
TOTAL	\$819,237.50