

SUMMARY

**Grand Blvd (CR 595) over Pithlachascotee River Bridge Replacement
Engineer's Estimate of Probable Construction Costs
City of New Port Richey**

Engineering Consultant Firm HDR Inc.
EOR

Bridge Approaches - not including bridge & approach slabs

Date: 11/13/2020

PAY ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
ROADWAY ITEMS					
102-14	TRAFFIC CONTROL OFFICER	20	MH	\$ 59.46	\$ 1,189
102-99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY (Assuming 12 month/365 days of Consturction)	365	ED	\$ 11.29	\$ 4,121
104-10-3	SEDIMENT BARRIER	1100	LF	\$ 1.24	\$ 1,364
104-18	INLET PROTECTION SYSTEM	4	EA	\$ 79.73	\$ 319
110-1-1	CLEARING AND GRUBBING (0.8 AC)	1	LS	\$ 26,444.22	\$ 26,444
110-4-10	REMOVAL OF EXISTING CONCRETE PAVEMENT (SIDEWALKS, DRIVEWAYS, CURBS, GUTTERS)	794	SY	\$ 12.94	\$ 10,280
120-1	REGULAR EXCAVATION	100	CY	\$ 6.52	\$ 652
120-6	EMBANKMENT	2322	CY	\$ 10.61	\$ 24,636
160-4	TYPE B STABILIZATION	2489	SY	\$ 5.25	\$ 13,067
285-711	OPTIONAL BASE GROUP 11 (B-12.5 ASPHALT ONLY)	2489	SY	\$ 16.00	\$ 39,824
334-1-13	2.5" SUPERPAVE ASPH CONCRETE (TRAFFIC C)	323.5	TN	\$ 101.75	\$ 32,916
337-7-83	1.5" ASPHALTIC CONCRETE FRICTION COURSE (TRAFFIC C, FC-12.5, PG 76-22)	195.0	TN	\$ 123.18	\$ 24,020
400-0-11	CONCRETE CLASS NS, GRAVITY WALLS (575 LF x 0.47 CY/LF (4'avg height) = 270.2 CY)	270.0	CY	\$ 504.15	\$ 136,121
425-1-361	INLETS, CURB, TYPE P-6, <10'	4	EA	\$ 5,305.65	\$ 21,223
0425-1-881	INLETS, BARRIER WALL, RIGID, CURB & GUTTER, <=10'	4	EA	\$ 5,900.00	\$ 23,600
425-2-62	MANHOLES, P-8, >10'	4	EA	\$ 3,770.00	\$ 15,080
425-5	MANHOLES, ADJUST	1	EA	\$ 595.00	\$ 595
430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	135	LF	\$ 89.61	\$ 12,097
430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	183	LF	\$ 99.46	\$ 18,201
430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	220	LF	\$ 110.30	\$ 24,266
430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	60	LF	\$ 135.73	\$ 8,144
515-2-211	PEDESTRIAN / BICYCLE RAILING, STEEL, 42", TYPE I	575	LF	\$ 73.00	\$ 41,975
520-1-10	CONCRETE CURB AND GUTTER, TYPE F	585	LF	\$ 22.39	\$ 13,098
521-72-43	SHOULDER CONCRETE BARRIER, CURB AND GUTTER BARRIER	570	LF	\$ 289.05	\$ 164,759
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	970	SY	\$ 55.59	\$ 53,922
527-2	DETECTABLE WARNINGS	96	SF	\$ 29.19	\$ 2,802
570-1-2	PERFORMANCE TURF, SOD	524	SY	\$ 2.94	\$ 1,541

Legend

- Black FDOT Area 7 area unit cost
- Blue FDOT Statewide average unit cost
- * Includes S&PM

TOTAL	\$	716,256
15% Contingency*	\$	107,438
10% Mobilization	\$	71,626
8% Maintenance of Traffic	\$	57,301

GRAND TOTAL

CONSTRUCTION COST \$ 952,621