

US 19 Roundabout Howey in the Hills	Notes	Estimated Costs
Roundabout Construction Cost	mobilization, roadway, drainage, signing & marking, lighting, traffic control plans, & landscaping	\$1,914,467
Design + CEI + permitting (15%)	Engineering design, construction inspection, permits (FDOT, WMD)	\$287,170
Wetland mitigation	Assumed 0.90 acres of impact	\$45,000
Total Roundabout Cost		\$2,246,637

Jan-24

Project: TBD

Proposal:		Description:	US 19 HOWEY IN THE HILLS
Letting Date:		US Route:	US 19
Designer:	Connelly & Wicker	State Route:	SR 45

<u>Pay Item</u>	<u>Description</u>	<u>Unit</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>
Roadway					
0101- 1-	MOBILIZATION (US 19)	LS	1.000	\$174,042	\$174,042.45
0102- 1-	MAINTENANCE OF TRAFFIC (US 19)	LS/DA	180	\$990.71	\$178,327.17
0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT	LS/SY	3111	\$48.49	\$150,849.28
0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE	LS/CY	500	\$298.95	\$149,472.75
				SUBTOTAL	\$652,691.65
TOTAL ROUNDABOUT CONSTRUCTION COST					\$1,914,467

Project: TBD

Proposal:

Description: US 19 HOWEY IN THE HILLS

Letting Date:

US 19

Designer: Connelly & Wicker

Route:

SR 45

Route:

Pay Item	Description	Unit	Quantity	Unit Cost	Total Cost
ROADWAY + DRAINAGE					
0104- 10- 3	SEDIMENT BARRIER	LF	2000	\$1.70	\$3,402.00
0104- 18-	INLET PROTECTION SYSTEM	EA	5	\$185.18	\$925.89
0107- 1-	LITTER REMOVAL	AC	1.53	\$37.96	\$58.07
0107- 2-	MOWING	AC	1.53	\$65.06	\$99.54
0110- 1- 1	CLEARING & GRUBBING (44152415203)	LS/AC	1.530	\$33,213.54	\$50,816.71
0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	0	\$48.03	\$0.00
0120- 1-	REGULAR EXCAVATION	CY	235	\$36.11	\$8,485.73
0120- 4-	SUBSOIL EXCAVATION	CY	942	\$9.45	\$8,901.90
0120- 6-	EMBANKMENT	CY	2825	\$40.93	\$115,624.43
0160- 4-	TYPE B STABILIZATION	SY	5,708	\$19.49	\$111,227.76
0285-703-	OPTIONAL BASE, BASE GROUP 01	SY	670	\$24.76	\$16,588.53
0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	3809	\$33.89	\$129,102.25
0285-713-	OPTIONAL BASE, BASE GROUP 13	SY	0	\$101.13	\$0.00
0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	0	\$7.48	\$0.00
0327- 70- 7	MILLING EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	0	\$11.87	\$0.00
0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	0	\$543.30	\$0.00
0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	611.4	\$129.77	\$79,341.07
0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	366.1	\$178.29	\$65,271.97
0350- 30- 13	CONCRETE PAVEMENT FOR ROUNDABOUT APRON, 12" DEPTH	SY	447	\$321.30	\$143,621.10
0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2,000	\$7,560.00	\$15,120.00
0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	3,000	\$9,240.00	\$27,720.00
0425- 1-561	INLETS, DT BOT, TYPE F, <10'	EA	0	\$9,187.07	\$0.00
0425- 1-910	INLETS, CLOSED FLUME	EA	0	\$10,347.75	\$0.00
0425- 2- 61	MANHOLES, P-8, <10'	EA	2	\$7,025.91	\$14,051.81
0425- 5-	MANHOLE, ADJUST	EA	0	\$1,932.27	\$0.00
0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	0	\$1,853.54	\$0.00
0425- 6-	VALVE BOXES, ADJUST	EA	0	\$1,054.85	\$0.00
0430-175-112	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 12"S/CD	LF	0	\$474.22	\$0.00
0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	156	\$149.09	\$23,257.96
0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	156	\$262.25	\$40,910.69
0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	0	\$180.60	\$0.00
0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	0	\$62.24	\$0.00
0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	447	\$44.61	\$19,942.68
0520- 2- 2	CONCRETE CURB, TYPE B	LF	270	\$114.45	\$30,901.50
0520- 2- 4	CONCRETE CURB, TYPE D	LF	174	\$31.64	\$5,504.75
0520- 2- 8	CONCRETE CURB, TYPE RA	LF	273	\$60.43	\$16,496.71
0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	0	\$367.50	\$0.00
0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	0	\$243.41	\$0.00
0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	180	\$104.72	\$18,848.97
0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	180	\$161.63	\$29,092.77
0527- 2-	DETECTABLE WARNINGS	SF	244	\$32.13	\$7,839.72
0919-528-100	DIRECTIONAL INDICATORS	SF	0	\$68.25	\$0.00
S&PM					
0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	25	\$508.37	\$12,709.20
0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	8	\$1,587.46	\$12,699.71

0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	0	\$299.28	\$0.00
0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	5	\$50.52	\$252.58
0704- 1- 1	TUBULAR MARKER, DURABLE, 36" WHITE POST	EA	0	\$219.77	\$0.00
0705- 10- 3	OBJECT MARKER, TYPE 3	EA	1.000	\$268.37	\$268.37
0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	175.000	\$4.05	\$709.28
0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44152415203)	LS	1.000	\$19,301.13	\$19,301.13
0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	229.000	\$3.53	\$807.91
0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	33.000	\$5.16	\$170.13
0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	72.000	\$6.75	\$486.11
0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.086	\$2,563.03	\$220.42
0711- 11-144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM	0.025	\$7,573.71	\$189.34
0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	6.000	\$168.57	\$1,011.40
0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	17.000	\$64.97	\$1,104.56
0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	117.000	\$5.31	\$621.62
0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	200.000	\$15.17	\$3,034.50
0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	2.000	\$240.57	\$481.13
0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	2.000	\$313.65	\$627.29
0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.745	\$5,686.45	\$4,236.41
0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.073	\$7,166.87	\$523.18
0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE	GM	0.447	\$1,582.56	\$707.40
0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.659	\$5,868.02	\$3,867.02
0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.017	\$2,070.54	\$35.20
LIGHTING					
0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	225	\$17.71	\$3,985.54
0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	480	\$35.71	\$17,141.04
0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	11	\$1,327.71	\$14,604.86
0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	2115	\$2.38	\$5,041.10
0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	0	\$0.19	\$0.00
0715- 7- 21	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1	\$8,000.00	\$8,000.00
0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA	EA	0	\$1,543.50	\$0.00
0715- 61-342	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING	EA	8	\$11,760.00	\$94,080.00
0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	0	\$873.14	\$0.00
0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	8	\$899.85	\$7,198.80
0715-516-115	LIGHT POLE COMPLETE-F&I, POLE TOP MOUNT, ALUMINUM, 15'	EA	0	\$13,738.20	\$0.00
0715-518-115	LIGHT POLE COMP- SPECIAL DESIGN, F&I, DOUBLE ARM, POLE TOP MOUNT, ALUMINUM, 15'	EA	0	\$15,750.00	\$0.00
0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	0	\$35.71	\$0.00
0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	0	\$19,254.32	\$0.00
0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	0	\$1,330.86	\$0.00
0654- 2- 27	MIDBLOCK CROSSWALK: REC RAPID FLASHING BEACON, FURNISH/INSTALL- SOLAR, SIGN	AS	0	\$8,938.65	\$0.00
LANDSCAPING					
0570- 1- 2	PERFORMANCE TURF, SOD	SY	7520	\$4.59	\$34,505.52
0580- 1- 1	LANDSCAPE COMPLETE- SMALL PLANTS	LS	1.000	\$10,000.00	\$10,000.00
0580- 1- 2	LANDSCAPE COMPLETE- LARGE PLANTS	LS	1.000	\$20,000.00	\$20,000.00
0590- 70-	IRRIGATION SYSTEM	LS	0	\$10,000.00	\$0.00
TOTAL CONSTRUCTION COST OF ROADWAY + DRAINAGE + SIGNING + PAVEMENT MARKING + LIGHTING + LANDSCAPING					\$1,261,775.27