

## Kimley-Horn and Associates, Inc.

1530 Cornerstone Blvd.  
Daytona Beach, FL 32117  
Ph: 386-672-0282

Project: **Dundee & Buckeye Loop**  
Permit No.: Polk County Driveway Permit  
BUCKEYE LOOP IMPROVEMENTS  
KHA Project No. 249343005

Date: 3/11/2025

Quantities for construction are based on the turn lane improvements on Buckeye Loop per the Dundee & Buckeye Loop Concept Plan SP-08 dated 01/06/2025. This concept is not final and has not been through formal review by the necessary permitting agencies and is subject to change.

### Project Description

**Note: The Engineer has no control over the cost of labor, materials, equipment, 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 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 opinions of probable costs.**

DEMOLITION					
Item No.	Description	Quantity	Unit	Unit Price	TOTAL
1	Mobilization / Demobilization	1	LS	\$20,000.00	\$20,000.00
2	Polk County Performance and Payment Bond coordination	1	LS	\$5,000.00	\$5,000.00
3	Inlet Protection	2	EA	\$50.00	\$100.00
4	Maintenance of Traffic	1	LS	\$15,000.00	\$15,000.00
5	Clearing and Grubbing	0.106	AC	\$200.00	\$21.12
6	Saw cut and remove existing Type 'F' curb	40	LF	\$20.00	\$800.00
7	Milling and Resurfacing (2"-3 1/2" average depth)	750	SY	\$4.20	\$3,150.00
8	Remove and Relocate Fire Hydrant	1	EA	\$5,000.00	\$5,000.00
9	Removal of existing force main (Utility pipe, remove & Dispose 5-7.9")	340	LF	\$50.00	\$17,000.00
10	Remove and relocate fiber optic box	1	EA	\$1,500.00	\$1,500.00
11	Remove and relocate existing single sign and post	1	EA	\$370.00	\$370.00
12	Remove and relocate existing street light pole	1	EA	\$6,500.00	\$6,500.00
				<b>Sub-Total</b>	<b>\$74,441.12</b>

SITE WORK					
Item No.	Description	Quantity	Unit	Unit Price	TOTAL
1	9" Limerock Base (Optional base Group 15) (Type B-12.5)	250	SY	\$105.00	\$26,250.00
2	12" Stabilized Subgrade	360	SY	\$5.00	\$1,800.00
3	2" Asphalt Structural Course (Traffic C) (2 LIFTS)	500	SY	\$158.00	\$79,000.00
4	1.5" Asphalt Friction Course FC-12.5 (Traffic C) (1 LIFTS)	250	SY	\$180.00	\$45,000.00
5	4" Concrete Sidewalk (Class I, 3,000 psi)	110	SY	\$80.00	\$8,800.00
6	Type B Stabilization	250	SY	\$13.00	\$3,250.00
7	Concrete curb and gutter (Type F)	50	LF	\$48.50	\$2,425.00
8	Concrete Traffic Separator (Type 1, Option II)	60	LF	\$160.00	\$9,600.00
9	Resod / restore right of way	250	SY	\$4.50	\$1,125.00
10	Construction Admin	1	LS	\$7,500.00	\$7,500.00
	Maintenance of Traffic	1	LS	\$100,000.00	\$100,000.00
				<b>Sub-Total</b>	<b>\$284,750.00</b>

Pavement Markings and Signage					
Item No.	Description	Quantity	Unit	Unit Price	TOTAL
1	Thermoplastic, standard open graded asphalt surfaces, white, solid 6"	0.097	GM	\$6,700.00	\$647.16
2	Thermoplastic, standard open graded asphalt surfaces, yellow, solid 6"	0.098	GM	\$6,800.00	\$664.55
3	Thermoplastic, standard, yellow, solid, 18" for diagonals and chevrons	60	LF	\$6.00	\$360.00
4	Directional Arrows (thermoplastic)	6	EA	\$95.00	\$570.00
5	Thermoplastic, standard, white solid, 24" for stop bar	35	LF	\$8.00	\$280.00
6	Testing (density, thickness, etc.)	1	LS	\$8,000.00	\$8,000.00
7	As-Built Documentation	1	LS	\$5,000.00	\$5,000.00
				<b>Sub-Total</b>	<b>\$15,521.70</b>

SANITARY					
Item No.	Description	Quantity	Unit	Unit Price	TOTAL
1	Compaction of Trenches	1	LS	\$5,000.00	\$5,000.00
2	6" Sanitary Force Main installation (include fittings, restraints, adapters, etc.)	180	LF	\$290.00	\$52,200.00
3	Testing (pressure, etc.)	1	LS	\$5,000.00	\$5,000.00
4	As-Built Documentation	1	LS	\$3,000.00	\$3,000.00
				<b>Sub-Total</b>	<b>\$65,200.00</b>

GRADING					
Item No.	Description	Quantity	Unit	Unit Price	TOTAL
1	*Earthwork (fill)	0	CY	\$10.00	\$0.00
2	*Export CUT	390	CY	\$20.00	\$7,800.00
				<b>Sub-Total</b>	<b>\$7,800.00</b>

CIVIL ENGINEERING AND PERMITTING FEES					
Item No.	Description	Quantity	Unit	Unit Price	TOTAL
1	Engineering Design & Services Fee	1	LS	\$182,800.00	\$182,800.00
2	Construction Phase Services	1	LS	\$20,000.00	\$20,000.00
				<b>Sub-Total</b>	<b>\$202,800.00</b>

<b>TOTAL</b>	<b>\$650,512.82</b>
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<b>CONTINGENCY (20%)</b>	<b>\$130,102.56</b>
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<b>GRAND TOTAL</b>	<b>\$780,615.39</b>
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\*NOTE: The earthwork quantities listed above are an estimate based on available information at the time of completion and are subject to change based on engineering design, agency permitting, master developer coordination, and site plan revisions. Earthwork above assumes that fill needed on-site will be hauled to the site.

Jarod C. Stubbs, P.E.  
FL P.E. # 89387

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Jarod Stubbs  
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