

CONCEPTUAL COST ESTIMATE

LOCATION: Cleary Blvd between Hiatus Rd and University Dr
DESCRIPTION: Cleary Blvd Recommendations

	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT	
Install Special Emphasis Crosswalks	0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	\$ 2.64	11638	\$ 30,724.32	
	0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	\$ 5.92	4792	\$ 28,368.64	
	Subtotal					\$	59,092.96
Install Pedestrian Signage	0110 1 1	CLEARING & GRUBBING	AC	\$ 42,771.25	0.14	\$ 5,987.98	
	0700 1 60	SINGLE POST SIGN, REMOVE	AS	\$ 4,779.57	12	\$ 57,354.84	
	0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	\$ 475.85	455	\$ 216,511.75	
	0700 3101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	\$ 300.61	12	\$ 3,607.32	
	Subtotal					\$	283,461.89
Install LPI	PI-002	INSTALL LEADING PEDESTRIAN INTERVAL (LPI) SIGNAL TIMING	EA	\$ 2,000.00	1	\$ 2,000.00	
	Subtotal					\$	2,000.00
Install Pedestrian- Scale Lighting	PI-001	INSTALL PEDESTRIAN SCALE LIGHTING NEAR INTERSECTION	EA	\$ 10,000.00	193	\$ 1,930,000.00	
	Subtotal					\$	1,930,000.00
Construct a signalized pedestrian crossing	0110 1 1	CLEARING & GRUBBING	AC	\$ 42,771.25	0.14	\$ 5,987.98	
	0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	\$ 2.64	8288	\$ 21,880.32	
	0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	\$ 5.92	3686	\$ 21,821.12	
	0653 1 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	\$ 1,150.87	2	\$ 2,301.74	
	0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	\$ 2,550.53	2	\$ 5,101.06	
	0635 2 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	\$ 1,655.31	2	\$ 3,310.62	
	0520 5 42	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 6' WIDE	LF	\$ 126.85	20	\$ 2,537.00	
	0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	\$ 32.97	45	\$ 1,483.65	
	0527 2	DETECTABLE WARNINGS	SF	\$ 46.11	8	\$ 368.88	
	0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	\$ 77.98	90	\$ 7,018.20	
	Subtotal					\$	71,810.57
	Construct a shared- use path connection or reconstruct sidewalk to shared- use path standards	0110 1 1	CLEARING & GRUBBING	AC	\$ 42,771.25	9.179155188	\$ 392,603.94
0120 1		REGULAR EXCAVATION	CY	\$ 10.91	6744	\$ 73,577.04	
0160 4		TYPE B STABILIZATION	SY	\$ 1.94	29420	\$ 57,074.80	
0285 709		OPTIONAL BASE, BASE GROUP 09	SY	\$ 0.01	120	\$ 1.20	
0285 701		OPTIONAL BASE, BASE GROUP 01	SY	\$ 0.01	24049	\$ 240.49	
0334 1 12		SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	\$ 128.18	1907.67	\$ 244,525.14	
0527 2		DETECTABLE WARNINGS	SF	\$ 46.11	824	\$ 37,994.64	
0520 1 10		CONCRETE CURB & GUTTER, TYPE F	LF	\$ 32.97	290	\$ 9,561.30	
0522 2		CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	\$ 77.98	1845	\$ 143,873.10	
0570 1 2		PERFORMANCE TURF, SOD	SY	\$ 4.07	17931	\$ 72,979.17	
Subtotal					\$	1,032,430.82	
Pavement Markings	0711 14 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	\$ 3.48	140	\$ 487.20	
	0711 14 170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	\$ 3.48	130	\$ 452.40	
	0711 16 231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	\$ 4,650.00	1	\$ 4,650.00	
Subtotal					\$	5,589.60	
Remove U-Turn Lane	0110 1 1	CLEARING & GRUBBING	AC	\$ 42,771.25	0.2	\$ 8,554.25	
	0120 1	REGULAR EXCAVATION	CY	\$ 10.91	100	\$ 1,091.00	
	0160 4	TYPE B STABILIZATION	SY	\$ 1.94	500	\$ 970.00	
	0570 1 2	PERFORMANCE TURF, SOD	SY	\$ 4.07	500	\$ 2,035.00	
	0110 4 10	REMOVAL OF EXISTING CONCRETE	LF	\$ 24.29	120	\$ 2,914.80	
	0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	\$ 32.97	800	\$ 26,376.00	
	0711 16 201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	\$ 4,650.00	0.3	\$ 1,395.00	
	0711 11 224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	\$ 27,973.34	40	\$ 1,118,933.60	

	PI-003	DRAINAGE MODIFICATIONS	LS	\$	50,000.00	1	\$	50,000.00
							Subtotal	\$ 1,212,269.65
Adjust Signal Timing	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT		
	PI-004	ADJUST SIGNAL TIMING FOR SOUTHBOUND TO EASTBOUND LEFT-TURN MOVEMENT	LS	\$	2,000.00	1	\$	2,000.00
							Subtotal	\$ 2,000.00
Widen or reconstruct curb ramps	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT		
	0526 1 2	PAVERS, ARCHITECTURAL, SIDEWALK	SY	\$	550.00	133.33	\$	73,333.33
	0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	\$	24.29	8414.03	\$	204,376.79
	PI-003	DRAINAGE MODIFICATIONS	LS	\$	50,000.00	5	\$	250,000.00
							Subtotal	\$ 527,710.12
Lane repurposing	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT		
	0327 70 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	\$	3.29	39480	\$	129,889.20
	0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	\$	128.18	114.33	\$	14,654.82
	0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA	\$	99.41	2820	\$	280,336.20
	0337 7 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	\$	176.00	1004.8	\$	176,844.80
							Subtotal	\$ 601,725.02
Construct raised crosswalks	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT		
	0110 1 1	CLEARING & GRUBBING	AC	\$	42,771.25	0.1	\$	4,277.13
	0327 70 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	\$	3.29	80	\$	263.20
	0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	\$	128.18	12	\$	1,538.16
	0337 7 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	\$	176.00	13.2	\$	2,323.20
	0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	\$	77.98	33	\$	2,573.34
	0527 2	DETECTABLE WARNINGS	SF	\$	46.11	60	\$	2,766.60
							Subtotal	\$ 13,741.63
Convert signalized intersections to roundabouts	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT		
	0110 1 1	CLEARING & GRUBBING	AC	\$	42,771.25	1.02	\$	43,626.68
	0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	\$	24.29	3216	\$	78,116.64
	0120 1	REGULAR EXCAVATION	CY	\$	10.91	246	\$	2,683.86
	0160 4	TYPE B STABILIZATION	SY	\$	1.94	2880	\$	5,587.20
	0285 710	OPTIONAL BASE, BASE GROUP 10	SY	\$	0.01	2880	\$	28.80
	0327 70 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	\$	3.29	20130	\$	66,227.70
	0334 1 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	\$	128.18	480	\$	61,526.40
	0337 7 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	\$	185.59	1223.58	\$	227,084.21
	0350 30 13	CONCRETE PAVEMENT FOR ROUNDABOUT APRON, 12" DEPTH	SY	\$	150.00	798	\$	119,700.00
	0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	\$	32.97	10500	\$	346,185.00
	0520 2 8	CONCRETE CURB, TYPE RA	LF	\$	22.00	906	\$	19,932.00
	0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	\$	77.98	4668	\$	364,010.64
	0523 1	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	\$	87.62	506.68	\$	44,395.30
	0523 3	PATTERNED PAVEMENT	SY	\$	141.19	253.34	\$	35,769.07
	0527 2	DETECTABLE WARNINGS	SF	\$	46.11	1920	\$	88,531.20
	0570 1 2	PERFORMANCE TURF, SOD	SY	\$	4.07	4776	\$	19,438.32
	0632 7 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	\$	1,491.91	2	\$	2,983.82
	0639 1620	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	AS	\$	990.06	2	\$	1,980.12
	0641 2 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	\$	3,911.04	8	\$	31,288.32
0670 5600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	\$	1,600.04	2	\$	3,200.08	
							Subtotal	\$ 1,562,295.36
Quick-Build Bicycle Lanes	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT		
	0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA	\$	99.41	1540	\$	153,091.40
	0700 1 60	SINGLE POST SIGN, REMOVE	AS	\$	28.07	8	\$	224.56
	0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	\$	475.85	24	\$	11,420.40
	0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	\$	2.64	660	\$	1,742.40
	0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	\$	5.92	150	\$	888.00
	0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	\$	153.40	1	\$	153.40
	0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	\$	76.66	22	\$	1,686.52
	0711 14 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	\$	3.48	24	\$	83.52
	0711 14 170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	\$	3.48	24	\$	83.52
	0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	\$	5,442.40	3.50	\$	19,069.02
	0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	\$	5,457.69	1.27	\$	6,925.48
								Subtotal
	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT		

Quick-Build Roundabouts	0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA	\$ 99.41	2520	\$ 250,513.20	
	0110 1 1	CLEARING & GRUBBING	AC	\$ 42,771.25	0.07	\$ 2,993.99	
	0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	\$ 24.29	56.9	\$ 1,382.06	
	0339 1	MISCELLANEOUS ASPHALT PAVEMENT	TN	\$ 226.91	7.12	\$ 1,615.60	
	0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	\$ 32.97	704	\$ 23,210.88	
	0522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	\$ 77.98	356	\$ 27,760.88	
	0527 2	DETECTABLE WARNINGS	SF	\$ 46.11	1280	\$ 59,020.80	
	0570 1 2	PERFORMANCE TURF, SOD	SY	\$ 4.07	142.22	\$ 578.84	
	0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	\$ 4,779.57	120	\$ 573,548.40	
	0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	\$ 2.64	2240	\$ 5,913.60	
	0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	\$ 5.92	256	\$ 1,515.52	
	0711 11 141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	\$ 27,973.34	0.024	\$ 671.36	
	0711 14 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	\$ 3.48	16	\$ 55.68	
	0711 14 170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	\$ 3.48	32	\$ 111.36	
	0711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	\$ 4,650.00	0.016	\$ 74.40	
	0711 16 201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	\$ 4,650.00	0.116	\$ 539.40	
	0711 17 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	\$ 2.41	720	\$ 1,735.20	
						Subtotal	\$ 951,241.17
Temporary Traffic Control Devices	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT	
	0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA	\$ 99.41	50	\$ 4,970.50	
	0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	\$ 4,779.57	2	\$ 9,559.14	
					Subtotal	\$ 14,529.64	
PHB Signalization	PAY ITEMS NO	DESCRIPTION	UNIT	UNIT COST	QUANTITY	AMOUNT	
	PI-009	Install Pedestrian Hybrid Beacon (PHB) signalization strategy at proposed uncontrolled pedestrian crossings	EA	\$ 300,000.00	2	\$ 600,000.00	
						Subtotal	\$ 600,000.00
						Subtotal	\$ 8,114,025.46
		General Mobilization			6%	\$ 486,842.00	
		Maintenance of Traffic (MOT)			6%	\$ 486,842.00	
	Misc. & Contingency (Not including major utility)			15%	\$ 1,217,104.00		
					CONSTRUCTION COST	\$ 10,304,813.46	
					INFLATION	FY 2028	
					MULT: 1.2x	\$ 12,365,776.16	