

Appendix V – Opinion of Probable Cost

UNIVERSITY AVENUE CORRIDOR PROJECT

PROJECT COST ESTIMATE (\$2018)

FY20 BUILD Grant

PHASE 2

DESIGN & ENGINEERING FROM GILMAN ROAD TO WILSHIRE LANE AND CONSTRUCTION OF IMPROVEMENTS FROM WALKER ROAD TO WILSHIRE LANE

INCLUDES IMPROVEMENTS OF 5 LANE ROADWAY TO 4 LANE WITH RAISED MEDIAN, WILLOW ST INTERSECTION ROUNDABOUT, AND SIDEWALKS

LIST NO.	ITEM NO.	DESCRIPTION	EXTENT	UNIT MEASURE	QUANTITY	COST	
						QTR AVG	
01	PS&E	Survey and Engineering	PHASE 2 WALKER RD TO WILSHIRE LN	LUMP SUM	1	\$545,470.46	\$545,470.46
06	PS&E	Environmental Study	PHASE 2 WALKER RD TO WILSHIRE LN	LUMP SUM	1	\$25,610.00	\$25,610.00
						*SUBTOTAL	\$571,080.46
01	ROW	Commercial Rights of Way Acquisition	PHASE 2 WALKER RD TO WILSHIRE LN	SQFT	60,833.54	\$6.15	\$373,907.27
02	ROW	Commercial Property Taking	PHASE 2 WALKER RD TO WILSHIRE LN	EACH	1.00	\$512,200.00	\$512,200.00
02	ROW	Residential Rights of Way Acquisition	PHASE 2 WALKER RD TO WILSHIRE LN	SQFT	198.31	\$4.10	\$812.60
						*SUBTOTAL	\$886,919.87
03	UTIL RELO	Water	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	5,893	\$87.07	\$513,127.08
04	UTIL RELO	Cable	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	5,893	\$35.85	\$211,287.62
05	UTIL RELO	Telephone	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	5,893	\$35.85	\$211,287.62
06	UTIL RELO	Waste Water	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	5,893	\$46.10	\$271,655.51
07	UTIL RELO	Gas	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	5,893	\$25.61	\$150,919.73
08	UTIL RELO	Cable	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	5,893	\$25.61	\$150,919.73
09	UTIL RELO	Telephone	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	5,893	\$20.49	\$120,735.78
10	UTIL RELO	Electric	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	5,893	\$71.71	\$422,575.24
11	ENVIRO	Environmental Mitigation	PHASE 2 WALKER RD TO WILSHIRE LN	LUMP SUM	1	\$51,220.00	\$51,220.00
						*SUBTOTAL	\$2,103,728.33
12	201-01-00100	Clearing and Grubbing	PHASE 2 WALKER RD TO WILSHIRE LN	LUMP SUM	1	\$20,488.00	\$20,488.00
13	202-02-00020	Removal of Pavement	PHASE 2 WALKER RD TO WILSHIRE LN	SQYD	14,759	\$15.37	\$226,786.79
14	203-08-00100	Geotextile Fabric	PHASE 2 WALKER RD TO WILSHIRE LN	SQYD	32,771	\$1.54	\$50,355.92
15	204-06-00100	Temporary Silt Fencing	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	7,777	\$2.05	\$15,933.52
16	302-02-06000	Class II Base Course (12" Thick)	PHASE 2 WALKER RD TO WILSHIRE LN	SQYD	32,771	\$40.98	\$1,342,824.50
17	304-05-00100	Lime Treatment (Type E)	PHASE 2 WALKER RD TO WILSHIRE LN	TON	75	\$307.32	\$23,049.00
18	502-03-00300	Superpave Asphaltic Concrete (6" Thick)	PHASE 2 WALKER RD TO WILSHIRE LN	TON	8,495	\$40.98	\$348,091.12
19	601-01-00900	Portland Cement Concrete Pavement (12" Thick)	PHASE 2 WALKER RD TO WILSHIRE LN	SQYD	7,027	\$184.39	\$1,295,722.58
20	706-01-00100	Concrete Walk (4" Thick)	PHASE 2 WALKER RD TO WILSHIRE LN	SQYD	4,422	\$66.59	\$294,443.29
21	706-03-00100	Incidental Concrete Paving (4" Thick)	PHASE 2 WALKER RD TO WILSHIRE LN	SQYD	2,234	\$56.34	\$125,868.03
22	706-04-01000	Handicapped Curb Ramps	PHASE 2 WALKER RD TO WILSHIRE LN	EACH	47	\$1,741.48	\$81,849.56
23	707-01-00200	Concrete Curb (Barrier)	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	11,256	\$20.49	\$230,612.93
24	707-01-00300	Concrete Curb (Mountable)	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	11,230	\$10.24	\$115,040.12
25	731-02-01000	ReflectORIZED Raised Pavement Markers	PHASE 2 WALKER RD TO WILSHIRE LN	EACH	1,979	\$7.17	\$14,191.01
26	732-02-01000	Plastic Pavement Striping (4" Width) (Thermoplastic 90 mil)	PHASE 2 WALKER RD TO WILSHIRE LN	MILE	8	\$7,683.00	\$61,464.00
27	NS-600-002220	Saw Cutting Portland Cement Concrete Pavement	PHASE 2 WALKER RD TO WILSHIRE LN	LNFT	434	\$2.05	\$889.18
						*SUBTOTAL	\$4,247,609.55
						20% CONTINGENCY	\$1,561,867.64
28	713-01-00100	Temporary Signs and Barricades	PHASE 2 WALKER RD TO WILSHIRE LN	LUMP SUM	1	\$240,311.95	\$240,311.95
29		Mobilization	PHASE 2 WALKER RD TO WILSHIRE LN	LUMP SUM	1	\$686,604.10	\$686,604.10
30		Traffic Control	PHASE 2 WALKER RD TO WILSHIRE LN	LUMP SUM	1	\$823,925.94	\$823,925.94
31		CE&I	PHASE 2 WALKER RD TO WILSHIRE LN	LUMP SUM	1	\$137,320.82	\$137,320.82
						SUBTOTAL	\$1,888,162.81
						TOTAL ESTIMATED COST	\$11,259,368.66

* SUBJECT TO CONTINGENCY

UNIVERSITY AVENUE CORRIDOR PROJECT

PROJECT COST ESTIMATE (\$2018)

FY20 BUILD Grant

PHASE 3

DESIGN & ENGINEERING FROM WILSHIRE LANE TO RENAUD DRIVE AND CONSTRUCTION OF IMPROVEMENTS AT ALCIDE DOMINIQUE AND I-10 EAST AND WEST RAMPS

INCLUDES IMPROVEMENTS FROM SIGNALIZED INTERSECTIONS TO MULTI-LANE ROUNDABOUTS, MEDIANS, BIKE LANE AND SIDEWALKS

LIST NO.	ITEM NO.	DESCRIPTION	EXTENT	UNIT MEASURE	QUANTITY	COST	
						QTR AVG	
01	PS&E	Survey and Engineering	PHASE 3 WILSHIRE LN TO RENAUD DR	LUMP SUM	1	\$1,319,797.01	\$1,319,797.01
06	PS&E	Environmental Study	PHASE 3 WILSHIRE LN TO RENAUD DR	LUMP SUM	1	\$51,220.00	\$51,220.00
						*SUBTOTAL	\$1,371,017.01
01	ROW	Commercial Rights of Way Acquisition	PHASE 3 WILSHIRE LN TO RENAUD DR	SQFT	11,924.21	\$6.15	\$73,290.96
02	ROW	Residential Rights of Way Acquisition	PHASE 3 WILSHIRE LN TO RENAUD DR	SQFT	0.00	\$4.10	\$0.00
						*SUBTOTAL	\$73,290.96
03	UTIL RELO	Water	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,475	\$87.07	\$650,878.15
04	UTIL RELO	Cable	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,475	\$35.85	\$268,008.65
05	UTIL RELO	Telephone	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,475	\$35.85	\$268,008.65
06	UTIL RELO	Waste Water	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,475	\$46.10	\$344,582.55
07	UTIL RELO	Gas	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,475	\$25.61	\$191,434.75
08	UTIL RELO	Cable	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,475	\$25.61	\$191,434.75
09	UTIL RELO	Telephone	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,475	\$20.49	\$153,147.80
10	UTIL RELO	Electric	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,475	\$71.71	\$536,017.30
11	ENVIRO	Environmental Mitigation	PHASE 3 WILSHIRE LN TO RENAUD DR	LUMP SUM	1	\$51,220.00	\$51,220.00
						*SUBTOTAL	\$2,654,732.60
12	201-01-00100	Clearing and Grubbing	PHASE 3 WILSHIRE LN TO RENAUD DR	LUMP SUM	1	\$20,488.00	\$20,488.00
13	202-02-00020	Removal of Pavement	PHASE 3 WILSHIRE LN TO RENAUD DR	SQYD	13,655	\$15.37	\$209,822.73
14	203-08-00100	Geotextile Fabric	PHASE 3 WILSHIRE LN TO RENAUD DR	SQYD	37,726	\$1.54	\$57,969.77
15	204-06-00100	Temporary Silt Fencing	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	6,988	\$2.05	\$14,317.01
16	302-02-06000	Class II Base Course (12" Thick)	PHASE 3 WILSHIRE LN TO RENAUD DR	SQYD	37,726	\$40.98	\$1,545,860.58
17	304-05-00100	Lime Treatment (Type E)	PHASE 3 WILSHIRE LN TO RENAUD DR	TON	86	\$307.32	\$26,429.52
18	502-03-00300	Superpave Asphaltic Concrete (6" Thick)	PHASE 3 WILSHIRE LN TO RENAUD DR	TON	2,479	\$40.98	\$101,579.50
19	601-01-00900	Portland Cement Concrete Pavement (12" Thick)	PHASE 3 WILSHIRE LN TO RENAUD DR	SQYD	30,211	\$184.39	\$5,570,666.71
20	706-01-00100	Concrete Walk (4" Thick)	PHASE 3 WILSHIRE LN TO RENAUD DR	SQYD	4,747	\$66.59	\$316,083.74
21	706-03-00100	Incidental Concrete Paving (4" Thick)	PHASE 3 WILSHIRE LN TO RENAUD DR	SQYD	1,116	\$56.34	\$62,877.67
22	706-04-01000	Handicapped Curb Ramps	PHASE 3 WILSHIRE LN TO RENAUD DR	EACH	18	\$1,741.48	\$31,346.64
23	707-01-00200	Concrete Curb (Barrier)	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	7,231	\$20.49	\$148,148.73
24	707-01-00300	Concrete Curb (Mountable)	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	10,015	\$10.24	\$102,593.66
25	731-02-01000	Reflectorized Raised Pavement Markers	PHASE 3 WILSHIRE LN TO RENAUD DR	EACH	1,682	\$7.17	\$12,061.29
26	732-02-01000	Plastic Pavement Striping (4" Width) (Thermoplastic 90 mil)	PHASE 3 WILSHIRE LN TO RENAUD DR	MILE	6	\$7,683.00	\$46,098.00
27	NS-600-002220	Saw Cutting Portland Cement Concrete Pavement	PHASE 3 WILSHIRE LN TO RENAUD DR	LNFT	545	\$2.05	\$1,116.60
						*SUBTOTAL	\$8,267,460.15
						20% CONTINGENCY	\$2,473,300.14
28	713-01-00100	Temporary Signs and Barricades	PHASE 3 WILSHIRE LN TO RENAUD DR		1	\$384,940.84	\$384,940.84
29		Mobilization	PHASE 3 WILSHIRE LN TO RENAUD DR		1	\$1,099,830.67	\$1,099,830.67
30		Traffic Control	PHASE 3 WILSHIRE LN TO RENAUD DR		1	\$1,319,797.01	\$1,319,797.01
31		CE&I	PHASE 3 WILSHIRE LN TO RENAUD DR		1	\$219,966.34	\$219,966.34
						SUBTOTAL	\$3,024,534.85
						TOTAL ESTIMATED COST	\$17,864,335.72

* SUBJECT TO CONTINGENCY