CITY OF COLLEGE PLACE - DOWNTOWN & STONE CREEK TIF ESTIMATES

J-U-B PROJ. NO.: 30-20-075 Task Order 029 Revised 7/26/2022

OPINION OF PROBABLE COSTS SUMMARY

	Construction Cost	Design Engineering	Construction Engineering	Total
East-West Road	$ 5,695,569	$ 569,557	$ 854,335	$ 7,119,462
Roundabout (E-W Road & S College Ave	$ 937,288	$ 72,099	$ 108,149	$ 1,117,536
SW Mojonnier Road (2024 Cost)	$ 7,480,815	$ 451,840	$ 1,122,122	$ 9,054,777
Downtown Parking Lot No. 1	$ 502,398	$ 50,240	$ 75,360	$ 627,997
Downtown Parking Lot No. 2	$ 619,537	$ 61,954	$ 92,931	$ 774,422
Downtown Parking Lot No. 3	$ 726,997	$ 72,700	$ 109,050	$ 908,747

Costs Do not include Right-of-Way

Revision 7-26-22 Revised Costs

ENGINEER'S OPINION OF PROBABLE COST

J·U·B

RICHARD H. DOOR STATE OF WASHINGTON 26230 REGISTERED PROFESSIONAL ENGINEER

Richard H. Door 7/23/22

PROJECT: East-West Road - Teal Ln to S. College Ave
Not Including Roundabout (See Roundabut Estimate)

CLIENT: City of College Place

Revision 7-26-22 Revised Costs Shown in **Bold**

J-U-B PROJ. NO.: 30-20-075 Task Order 029 **Rev 7/26/2022**

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	Current 2022 UNIT COST	TOTAL COST
	PREPARATION (DEMO AND REMOVAL)				
1	MOBILIZATION (10% OF CONSTRUCTION COST)	1	L.S.	$ 379,800.00	$ 379,800
2	CLEARING AND GRUBBING	8.5	ACRE	**$ 2,500.00**	**$ 21,250**
	GRADING (SITE WORK)				
3	ROADWAY EXCAVATION INCL. HAUL	7,800	C.Y.	**$ 25.00**	**$ 195,000**
4	EMBANKMENT COMPACTION	4,360	C.Y.	**$ 8.00**	**$ 34,880**
	STORM SEWER				
5	CATCH BASIN TYPE 1	48	EA	**$ 2,500.00**	**$ 120,000**
6	CATCH BASIN TYPE 2 48 IN. DIAM.	24	EA	$ 4,500.00	$ 108,000
7	STORM SEWER PIPE 12 IN. DIAM.	2,992	LF	$ 70.00	$ 209,440
8	SHORING - TRENCH SAFETY SYSTEMS FOR STORM	2,992	LF	$ 1.15	$ 3,441
9	GRAVEL BACKFILL FOR PIPE ZONE BEDDING FOR STORM SEWER	2,992	LF	$ 9.20	$ 27,526
10	INFILTRATION TRENCH	2,400	LF	$ 115.00	$ 276,000
	SURFACING				
11	CRUSHED SURFACING BASE COURSE	9,600	TON	**$ 35.00**	**$ 336,000**
12	CRUSHED SURFACING TOP COURSE	8,000	TON	**$ 33.00**	**$ 264,000**
	HOT MIX ASPHALT				
13	HMA CL. 1/2 IN. PG 64H-28	6,700	TON	**$ 135.00**	**$ 904,500**
	EROSION CONTROL AND PLANTING				
14	ESC LEAD	100	DAY	$ 125.00	$ 12,500
15	INLET PROTECTION	48	EACH	$ 150.00	$ 7,200
16	LANDSCAPING STRIP	5,400	SY	$ 20.00	$ 108,000
	TRAFFIC				
17	CEMENT CONC. TRAFFIC CURB AND GUTTER	10,400	L.F.	$ 40.00	$ 416,000
18	**PAINT LINE**	19,500	L.F.	**$ 0.25**	**$ 4,875**
19	**PAINTED WIDE LINE (CROSSWALKS)**	340	L.F.	**$ 0.50**	**$ 170**
20	**PAINTED STOP LINE**	68	L.F.	**$ 1.00**	**$ 68**
21	**PAINTED TRAFFIC ARROW**	23	EA	**$ 120.00**	**$ 2,760**
22	**PAINTED BICYCLE LANE SYMBOL**	23	EA	**$ 120.00**	**$ 2,760**
23	PERMANENT SIGNING	1	L.S.	$ 5,000.00	$ 5,000
24	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.	$0	$ -
	OTHER ITEMS				
25	ROADWAY SURVEYING	1	L.S.	**$ 27,600.00**	**$ 27,600**
26	ILLUMINATION SYSTEM	1	L.S.	$ 87,500.00	$ 87,500
27	SPCC PLAN	1	L.S.	$ 2,300.00	$ 2,300
28	CEMENT CONC. SIDEWALK	6,900	SY	$ 85.00	$ 586,500
29	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR A	14	EA	**$ 2,500.00**	**$ 35,000**
	SUBTOTAL CONSTRUCTION COST				**$ 4,178,070**
	SALES TAX	**0%**			**$ -**
	CONTINGENCY	**30%**			**$ 1,253,421**
	CONSTRUCTION CONTRACT TOTAL				**$ 5,431,491**
	DESIGN ENGINEERING	**10%**			**$ 543,149**
	CONSTRUCTION ENGINEERING	**15%**			**$ 814,724**
	TOTAL ROADWAY ESTIMATED COST ROUNDED				**$ 6,789,364**

ENGINEER'S OPINION OF PROBABLE COST

J·U·B

RICHARD H. DOOR
STATE OF WASHINGTON
26230
REGISTERED PROFESSIONAL ENGINEER
7/23/22

PROJECT S. College Ave & New East-West Connection
Typical One Lane Roundabout - 3 Leg (No Right-of-Way)
CLIENT: City of College Place

Revision 7-26-22 Revised Costs Shown in **Bold**

J-U-B PROJ. NO.: 30-20-075 Task Order 029

REV 7/26/2022

Current 2022

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	PREPARATION				
1	MOBILIZATION (10%)	1	L.S.	$ 65,500.00	$ 65,500.00
2	CLEARING AND GRUBBING	0.5	AC.	$ 6,000.00	$ 3,000.00
3	REMOVING ASPHALT CONC. PAVEMENT	1,700	S.Y.	$ 10.00	$ 17,000.00
	GRADING				
4	ROADWAY EXCAVATION INCLUDING HAUL	1,600	C.Y.	**$ 25.00**	**$ 40,000.00**
	SURFACING				
5	CRUSHED SURFACING TOP COURSE	1,350	TON	**$ 33.00**	**$ 44,550.00**
	HOT MIX ASPHALT				
6	HMA CL. 1/2" PG 70-28	660	TON	**$ 130.00**	**$ 85,800.00**
	STORM SEWER				
7	INFILTRATION TRENCH	300	LF	$ 115.00	$ 34,500.00
8	CATCH BASIN TYPE 1	6	EA.	**$ 2,500.00**	**$ 15,000.00**
9	SHORING - TRENCH SAFETY SYSTEMS	120	L.F.	$ 1.15	$ 138.00
	EROSION CONTROL AND PLANTING				
10	TOP SOIL TYPE "A"	130	TON	**$ 75.00**	**$ 9,750.00**
11	SOD INSTALLATION	1,140	S.Y.	$ 15.50	$ 17,670.00
12	IRRIGATION SYSTEM	1	L.S.	$ 10,000.00	$ 10,000.00
	TRAFFIC				
13	CEMENT CONCRETE TRAFFIC CURB & GUTTER	860	L.F.	$ 40.00	$ 34,400.00
14	CEMENT CONCRETE TRAFFIC CURB	220	L.F.	**$ 50.00**	**$ 11,000.00**
15	CENTRAL ISLAND CEMENT CONC CURB	80	L.F.	**$ 115.00**	**$ 9,200.00**
16	ROUNDABOUT TRUCK APRON CURB AND GUTTER	455	L.F.	**$ 50.00**	**$ 22,750.00**
17	PERMANENT SIGNING	1	L.S.	$ 26,000.00	$ 26,000.00
18	PLASTIC LINE	2,000	S.F.	$ 2.50	$ 5,000.00
19	PAINTED CROSS WALK LINE	384	S.F.	$ 3.00	$ 1,153.15
20	PAINTED YIELD SYMBOL	16	EA.	**$ 55.00**	**$ 880.00**
21	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.	$ 50,000.00	$ 50,000.00
	OTHER				
22	TEXTURED AND PIGMENTED CEMENT CONC.	590	S.Y.	$ 127.00	$ 74,930.00
23	ADJUST MANHOLE	1	EA.	$ 1,000.00	$ 1,000.00
24	CEMENT CONC. SIDEWALK	470	S.Y.	$ 85.00	$ 39,950.00
25	CEMENT CONC. CURB RAMP TYPE	8	EA.	**$ 2,500.00**	**$ 20,000.00**
26	SPLITTER ISLANDS PEDESTRIAN WALKWAY	46	S.Y.	$ 120.00	$ 5,520.00
27	ILLUMINATION SYSTEM	1	L.S.	**$ 70,000.00**	**$ 70,000.00**
28	ADA FEATURE SURVEYING	1	L.S.	$ 4,000.00	$ 4,000.00
29	SPCC PLAN	1	L.S.	$ 2,300.00	$ 2,300.00
	SUBTOTAL CONSTRUCTION COST				**$ 720,991**
	SALES TAX @ 0%	**0%**			**$ -**
	CONTINGENCY @ 30%	**30%**			**$ 216,297**
	CONSTRUCTION TOTAL				**$ 937,288**
	PRELIMINARY ENGINEERING	**10%**			**$ 72,099**
	CONSTRUCTION ENGINEERING	**15%**			**$ 108,149**
	TOTAL PROJECT COST ROUNDED				**$ 1,118,000**

ENGINEER'S OPINION OF PROBABLE COST

J·U·B

PROJECT: SW Mojonnier Road - Bluvue Ln to S. College Avenue

CLIENT: City of College Place

5/10/2022

J-U-B PROJ. NO.: 30-20-075 Task Order 029

				Current 2022		Basis Year 2024	
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	PREPARATION (DEMO AND REMOVAL)						
1	MOBILIZATION (10% OF CONSTRUCTION COST)	1	L.S.	$ 465,100.00	$ 465,100	$ 520,900	$ 520,900
2	CLEARING AND GRUBBING	3.6	ACRE	$ 6,000.00	$ 21,600	$ 6,900	$ 24,840
3	REMOVING CEMENT CONC. SIDEWALK	70	SY	$ 13.00	$ 910	$ 15	$ 1,047
4	REMOVING CEMENT CONC. CURB AND GUTTER	100	LF	$ 12.00	$ 1,200	$ 14	$ 1,380
5	REMOVING ASPHALT CONC. PAVEMENT	10,680	S.Y.	$ 10.00	$ 106,800	$ 12	$ 122,820
	GRADING (SITE WORK)						
6	ROADWAY EXCAVATION INCL. HAUL	8,410	C.Y.	$ 30.00	$ 252,300	$ 35	$ 290,145
7	EMBANKMENT COMPACTION	6,580	C.Y.	$ 15.00	$ 98,700	$ 17	$ 113,505
	STORM SEWER				$ -	$ -	$ -
8	CATCH BASIN TYPE 1	78	EA	$ 1,500.00	$ 117,000	$ 1,725	$ 134,550
9	CATCH BASIN TYPE 2 48 IN. DIAM.	33	EA	$ 4,500.00	$ 148,500	$ 5,175	$ 170,775
10	STORM SEWER PIPE 12 IN. DIAM.	1,980	LF	$ 70.00	$ 138,600	$ 81	$ 159,390
11	SHORING - TRENCH SAFETY SYSTEMS FOR STORM	1,980	LF	$ 1.15	$ 2,277	$ 1	$ 2,619
12	GRAVEL BACKFILL FOR PIPE ZONE BEDDING FOR STORM SEWER	1,980	LF	$ 9.20	$ 18,216	$ 11	$ 20,948
13	INFILTRATION TRENCH	7,800	LF	$ 115.00	$ 897,000	$ 132	$ 1,031,550
	SURFACING						
14	CRUSHED SURFACING BASE COURSE	6,800	TON	$ 37.50	$ 255,000	$ 43	$ 293,250
15	CRUSHED SURFACING TOP COURSE	5,800	TON	$ 35.00	$ 203,000	$ 40	$ 233,450
	HOT MIX ASPHALT						
16	HMA CL. 1/2 IN. PG 64-28H	4,800	TON	$ 140.00	$ 672,000	$ 161	$ 772,800
	EROSION CONTROL AND PLANTING					$ -	$ -
17	ESC LEAD	200	DAY	$ 125.00	$ 25,000	$ 144	$ 28,750
18	INLET PROTECTION	78	EACH	$ 150.00	$ 11,700	$ 173	$ 13,455
19	LANDSCAPING STRIP	4,200	SY	$ 20.00	$ 84,000	$ 23	$ 96,600
	TRAFFIC						
20	CEMENT CONC. TRAFFIC CURB AND GUTTER	8,400	L.F.	$ 40.00	$ 336,000	$ 46	$ 386,400
21	PLASTIC LINE	10,910	L.F.	$ 2.50	$ 27,275	$ 3	$ 31,366
22	PLASTIC CROSSWALK LINE	240	L.F.	$ 12.00	$ 2,880	$ 14	$ 3,312
23	PLASTIC STOP LINE	60	L.F.	$ 15.00	$ 900	$ 17	$ 1,035
24	PLASTIC TRAFFIC ARROW	30	EA	$ 300.00	$ 9,000	$ 345	$ 10,350
25	PLASTIC BICYCLE LANE SYMBOL	22	EA	$ 450.00	$ 9,900	$ 518	$ 11,385
26	PLASTIC BUFFERED BIKE LANE MARKING	7,130	L.F.	$ 11.50	$ 81,995	$ 13	$ 94,294
27	PERMANENT SIGNING	1	L.S.	$ 25,000.00	$ 25,000	$ 28,750	$ 28,750
28	PROJECT TEMPORARY TRAFFIC CONTROL	1	L.S.	$ 404,000.00	$ 404,000	$ 464,600	$ 464,600
	OTHER ITEMS						
29	ROADWAY SURVEYING	1	L.S.	$ 92,000.00	$ 92,000	$ 105,800	$ 105,800
30	ILLUMINATION SYSTEM	1	L.S.	$ 100,000.00	$ 100,000	$ 115,000	
31	TESC PLAN	1	L.S.	$ 2,300.00	$ 2,300	$ 2,645	$ 2,645
32	CEMENT CONC. SIDEWALK	5,600	SY	$ 85.00	$ 476,000	$ 98	$ 547,400

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
33	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR A	12	EA	$ 1,800.00	$ 21,600	$ 2,070	$ 24,840
34	MAILBOX SUPPORT TYPE 1	12	EA	$ 690.00	$ 8,280	$ 794	$ 9,522
	SUBTOTAL CONSTRUCTION COST				**$ 5,116,033**		**$ 5,754,473**
	SALES TAX	**0%**			**$ -**		**$ -**
	CONTINGENCY	**30%**			**$ 1,534,810**		**$ 1,726,342**
	CONSTRUCTION CONTRACT TOTAL				**$ 6,650,843**		**$ 7,480,815**
	DESIGN ENGINEERING	**Funded**		**PE Funded**	**$ 451,840**	**PE Funded**	**$ 451,840**
	CONSTRUCTION ENGINEERING	**15%**			**$ 997,626**		**$ 1,122,122**
	TOTAL ROADWAY ESTIMATED COST ROUNDED				**$ 8,100,309**		**$ 9,054,777**
	RIGHT OF WAY				**$ 260,000.00**		$ -

ENGINEER'S OPINION OF PROBABLE COST

J·U·B

PROJECT DESCRIPTION: Parking Lot No. 1

East of S. College Ave between SE 9th St and SE 10th St

CLIENT: City of College Place

RICHARD H. DOOR STATE OF WASHINGTON 26230 REGISTERED PROFESSIONAL ENGINEER

Richard H. Door 7/23/22

Revision 7-26-22 Revised Costs Shown in **Bold**

J-U-B PROJ. NO.: 30-20-075 Task Order 029 | **Rev 7/26/22**

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	PREPARATION (DEMO AND REMOVAL)				
1	MOBILIZATION (10% OF CONSTRUCTION COST)	1	L.S.	$35,100.00	$ 35,100
2	CLEARING AND GRUBBING	0.62	ACRE	**$ 6,000.00**	**$ 3,720**
	GRADING (SITE WORK)				
3	EARTHWORK	2,000	C.Y.	**$ 25.00**	**$ 50,000**
	STORM SEWER				$ -
4	CATCH BASIN	4	EA	**$ 2,500.00**	**$ 10,000**
5	STORM SEWER MANHOLE - 48 IN. DIAM.	3	EA	$ 4,500.00	$ 13,500
6	STORM SEWER PIPE 12 IN. DIAM.	85	LF	$ 70.00	$ 5,950
7	SHORING - TRENCH SAFETY SYSTEMS FOR STORM	85	LF	$ 1.15	$ 98
8	GRAVEL BACKFILL FOR PIPE ZONE BEDDING FOR STORM SEWER	85	LF	$ 9.20	$ 782
9	INFILTRATION TRENCH	120	LF	$ 115.00	$ 13,800
	SURFACING				
10	CRUSHED SURFACING BASE COURSE	1,250	TON	$ 35.00	$ 43,750
	HOT MIX ASPHALT				
11	HMA CL. 1/2 IN. PG 64-28H	350	TON	$ 140.00	$ 49,000
	EROSION CONTROL AND PLANTING				
12	LANDSCAPING STRIP	320	SY	$ 20.00	$ 6,400
	TRAFFIC				
13	CEMENT CONC. TRAFFIC CURB AND GUTTER	800	L.F.	$ 40.00	$ 32,000
14	**PAINT LINE**	900	L.F.	**$ 0.50**	**$ 450**
15	**PAINTED TRAFFIC ARROW**	3	EA	**$ 120.00**	**$ 360**
16	PERMANENT SIGNING	1	L.S.	$ 500.00	$ 500
17	TRAFFIC CONTROL	1	L.S.	$ 2,500.00	$ 2,500
	OTHER ITEMS				
18	SURVEYING	1	L.S.	$10,000.00	$ 10,000
19	ILLUMINATION SYSTEM	1	L.S.	$32,500.00	$ 32,500
20	TESC PLAN	1	L.S.	$ 1,500.00	$ 1,500
21	CEMENT CONC. SIDEWALK	330	SY	$ 85.00	$ 28,050
22	CEMENT CONC. DRIVEWAY	40	SY	$ 100.00	$ 4,000
23	CHAIN LINK FENCE	750	LF	$ 50.00	$ 37,500
24	ADA RAMP	2	EA	**$ 2,500.00**	**$ 5,000**
	SUBTOTAL CONSTRUCTION COST				**$ 386,460**
	SALES TAX	**0%**			**$ -**
	CONTINGENCY	**30%**			**$ 115,938**
	CONSTRUCTION CONTRACT TOTAL				**$ 502,398**
	DESIGN ENGINEERING	**10%**			**$ 50,240**
	CONSTRUCTION ENGINEERING	**15%**			**$ 75,360**
	TOTAL ESTIMATED COST				**$ 627,997**

ENGINEER'S OPINION OF PROBABLE COST

J·U·B

PROJECT DESCRIPTION: Parking Lot No. 2

West of S. College Ave between SE 6th St and SE 8th St

CLIENT: City of College Place

Revision 7-26-22 Revised Costs Shown in **Bold**

J-U-B PROJ. NO.: 30-20-075 Task Order 029 | **Rev 7/26/22**

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	PREPARATION (DEMO AND REMOVAL)				
1	MOBILIZATION (10% OF CONSTRUCTION COST)	1	L.S.	$43,300.00	$ 43,300
2	CLEARING AND GRUBBING	0.80	ACRE	**$ 6,000.00**	**$ 4,800**
	GRADING (SITE WORK)				
3	EARTHWORK	2,600	C.Y.	**$ 25.00**	**$ 65,000**
	STORM SEWER				$ -
4	CATCH BASIN	4	EA	**$ 2,500.00**	**$ 10,000**
5	STORM SEWER MANHOLE - 48 IN. DIAM.	4	EA	$ 4,500.00	$ 18,000
6	STORM SEWER PIPE 12 IN. DIAM.	135	LF	$ 70.00	$ 9,450
7	SHORING - TRENCH SAFETY SYSTEMS FOR STORM	135	LF	$ 1.15	$ 155
8	GRAVEL BACKFILL FOR PIPE ZONE BEDDING FOR STORM SEWER	135	LF	$ 9.20	$ 1,242
9	INFILTRATION TRENCH	140	LF	$ 115.00	$ 16,100
	SURFACING				
10	CRUSHED SURFACING BASE COURSE	1,650	TON	$ 35.00	$ 57,750
	HOT MIX ASPHALT				
11	HMA CL. 1/2 IN. PG 64-28H	450	TON	$ 140.00	$ 63,000
	EROSION CONTROL AND PLANTING				
12	LANDSCAPING STRIP	320	SY	$ 20.00	$ 6,400
	TRAFFIC				
13	CEMENT CONC. TRAFFIC CURB AND GUTTER	980	L.F.	$ 40.00	$ 39,200
14	**PAINT LINE**	1,340	L.F.	**$ 0.50**	**$ 670**
15	PERMANENT SIGNING	1	L.S.	$ 500.00	$ 500
16	TRAFFIC CONTROL	1	L.S.	$ 2,500.00	$ 2,500
	OTHER ITEMS				
17	SURVEYING	1	L.S.	$10,000.00	$ 10,000
18	ILLUMINATION SYSTEM	1	L.S.	$40,000.00	$ 40,000
19	TESC PLAN	1	L.S.	$ 1,500.00	$ 1,500
20	CEMENT CONC. SIDEWALK	300	SY	$ 85.00	$ 25,500
21	CEMENT CONC. DRIVEWAY	65	SY	$ 100.00	$ 6,500
22	CHAIN LINK FENCE	1,000	LF	$ 50.00	$ 50,000
22	ADA RAMP	2	EA	**$ 2,500.00**	**$ 5,000**
	SUBTOTAL CONSTRUCTION COST				**$ 476,567**
	SALES TAX	**0%**			**$ -**
	CONTINGENCY	**30%**			**$ 142,970**
	CONSTRUCTION CONTRACT TOTAL				**$ 619,537**
	DESIGN ENGINEERING	**10%**			**$ 61,954**
	CONSTRUCTION ENGINEERING	**15%**			**$ 92,931**
	TOTAL ESTIMATED COST				**$ 774,422**

ENGINEER'S OPINION OF PROBABLE COST

J·U·B

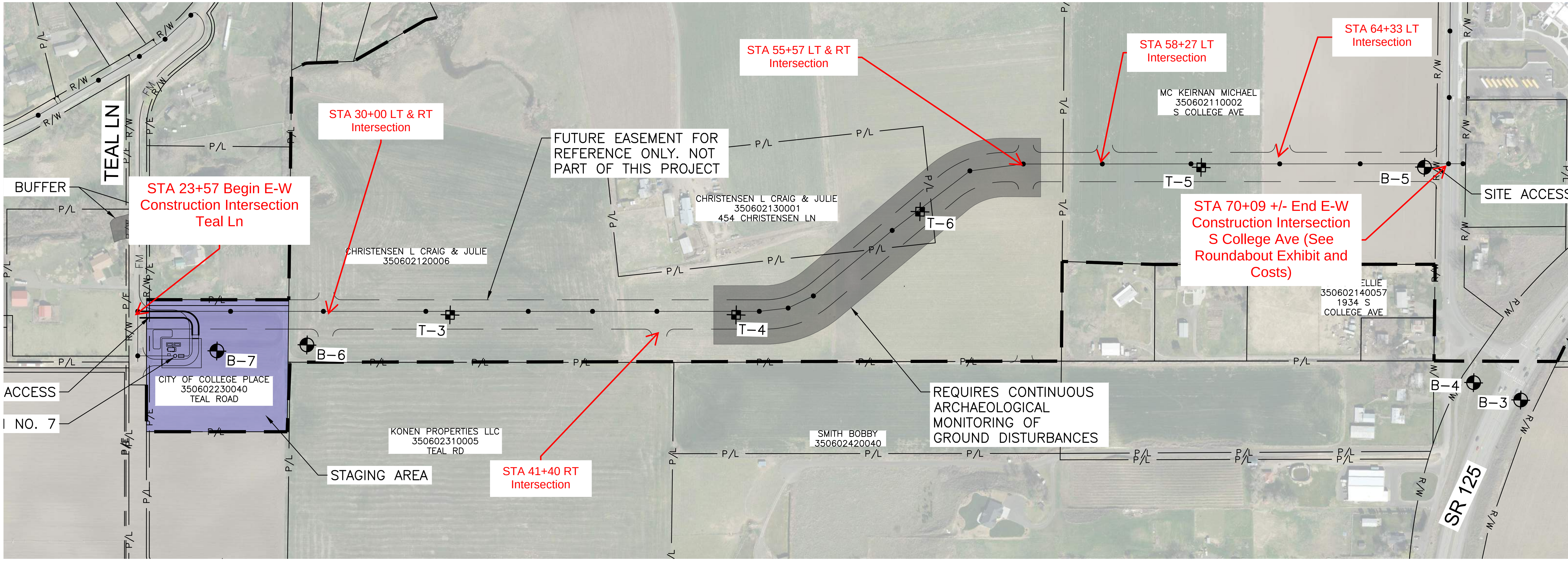
PROJECT DESCRIPTION: Parking Lot No. 3
West of S. College Ave between SE 6th St and SE 8th St
CLIENT: City of College Place

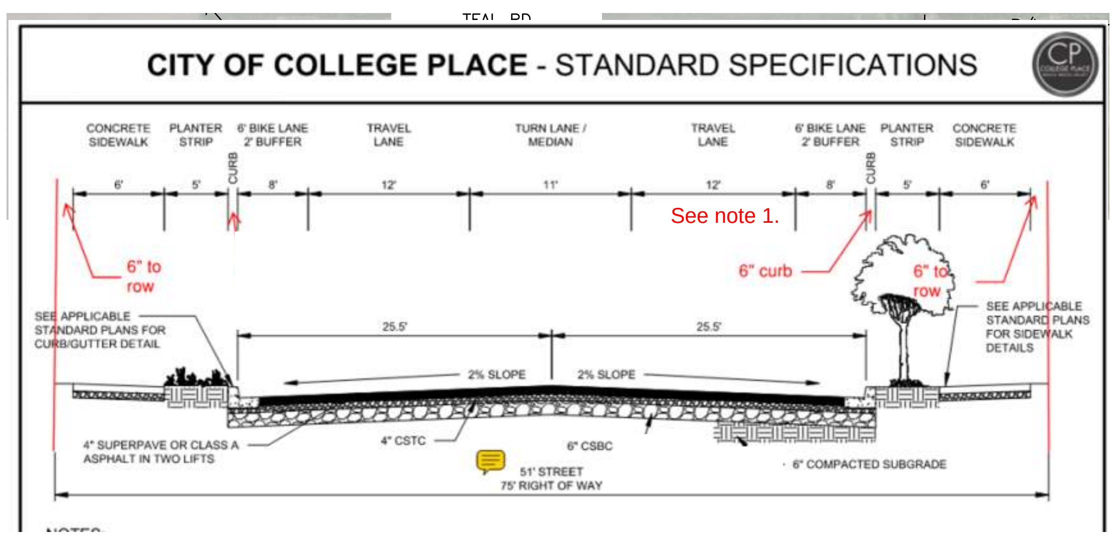
RICHARD H. DOOR
STATE OF WASHINGTON
26230
REGISTERED PROFESSIONAL ENGINEER
7/23/22

Revision 7-26-22 Revised Costs Shown in **Bold**

J-U-B PROJ. NO.: 30-20-075 Task Order 029 Rev 7/26/2022

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
	PREPARATION (DEMO AND REMOVAL)				
1	MOBILIZATION (10% OF CONSTRUCTION COST)	1	L.S.	$50,800.00	$ 50,800
2	CLEARING AND GRUBBING	0.80	ACRE	**$ 6,000.00**	$ 4,800
	GRADING (SITE WORK)				
3	EARTHWORK	3,000	C.Y.	**$ 25.00**	**$ 75,000**
	STORM SEWER				$ -
4	CATCH BASIN	5	EA	**$ 2,500.00**	**$ 12,500**
5	STORM SEWER MANHOLE - 48 IN. DIAM.	5	EA	$ 4,500.00	$ 22,500
6	STORM SEWER PIPE 12 IN. DIAM.	25	LF	$ 70.00	$ 1,750
7	SHORING - TRENCH SAFETY SYSTEMS FOR STORM	25	LF	$ 1.15	$ 29
8	GRAVEL BACKFILL FOR PIPE ZONE BEDDING FOR STORM SEWER	25	LF	$ 9.20	$ 230
9	INFILTRATION TRENCH	200	LF	$ 115.00	$ 23,000
	SURFACING				
10	CRUSHED SURFACING BASE COURSE	1,850	TON	$ 35.00	$ 64,750
	HOT MIX ASPHALT				
11	HMA CL. 1/2 IN. PG 64-28H	510	TON	$ 140.00	$ 71,400
	EROSION CONTROL AND PLANTING				
12	LANDSCAPING STRIP	660	SY	$ 20.00	$ 13,200
	TRAFFIC				
13	CEMENT CONC. TRAFFIC CURB AND GUTTER	1,360	L.F.	$ 40.00	$ 54,400
14	**PAINT LINE**	1,740	L.F.	**$ 0.50**	**$ 870**
15	PERMANENT SIGNING	1	L.S.	$ 500.00	$ 500
16	TRAFFIC CONTROL	1	L.S.	$ 2,500.00	$ 2,500
	OTHER ITEMS				
17	SURVEYING	1	L.S.	$10,000.00	$ 10,000
18	ILLUMINATION SYSTEM	1	L.S.	$55,000.00	$ 55,000
19	TESC PLAN	1	L.S.	$ 1,500.00	$ 1,500
20	CEMENT CONC. SIDEWALK	200	SY	$ 85.00	$ 17,000
21	CEMENT CONC. DRIVEWAY	65	SY	$ 100.00	$ 6,500
22	CHAIN LINK FENCE	1,320	LF	$ 50.00	$ 66,000
23	ADA RAMP	2	EA	**$ 2,500.00**	**$ 5,000**
	SUBTOTAL CONSTRUCTION COST				**$ 559,229**
	SALES TAX	**0%**			**$ -**
	CONTINGENCY	**30%**			**$ 167,769**
	CONSTRUCTION CONTRACT TOTAL				**$ 726,997**
	DESIGN ENGINEERING	**10%**			**$ 72,700**
	CONSTRUCTION ENGINEERING	**15%**			**$ 109,050**
	TOTAL ESTIMATED COST				**$ 908,747**





NOTES:
1. Due to intersections, assume two -way turn lane the entire E-W roadway

2. Assume no additional right-of-way required for E-W Corridor

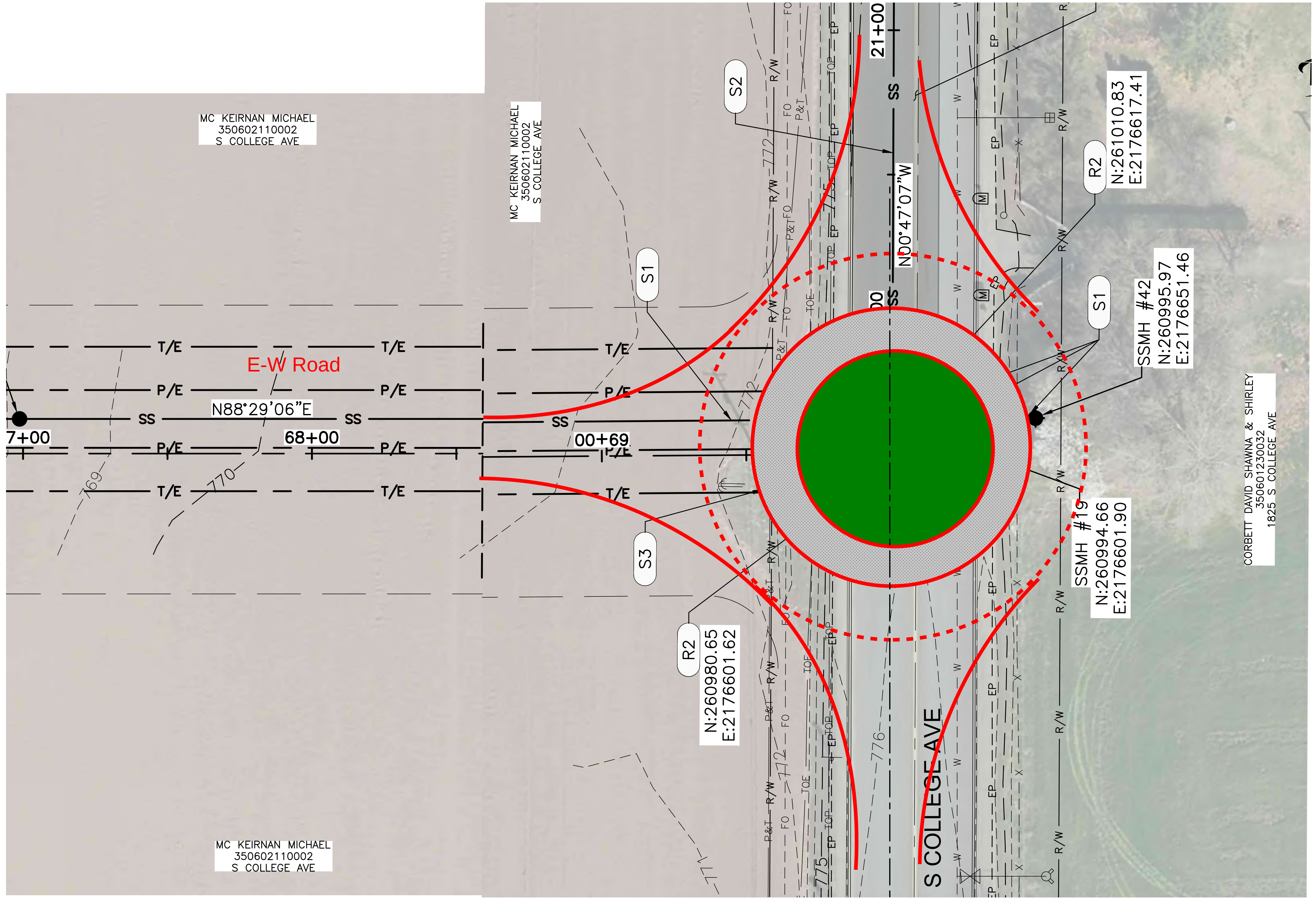
3. See Roundabout Figure 2 for potential intersection at S. College Place.

J-U-B ENGINEERS, INC.

EAST - WEST ROAD
TEAL LN TO S COLLEGE AVE

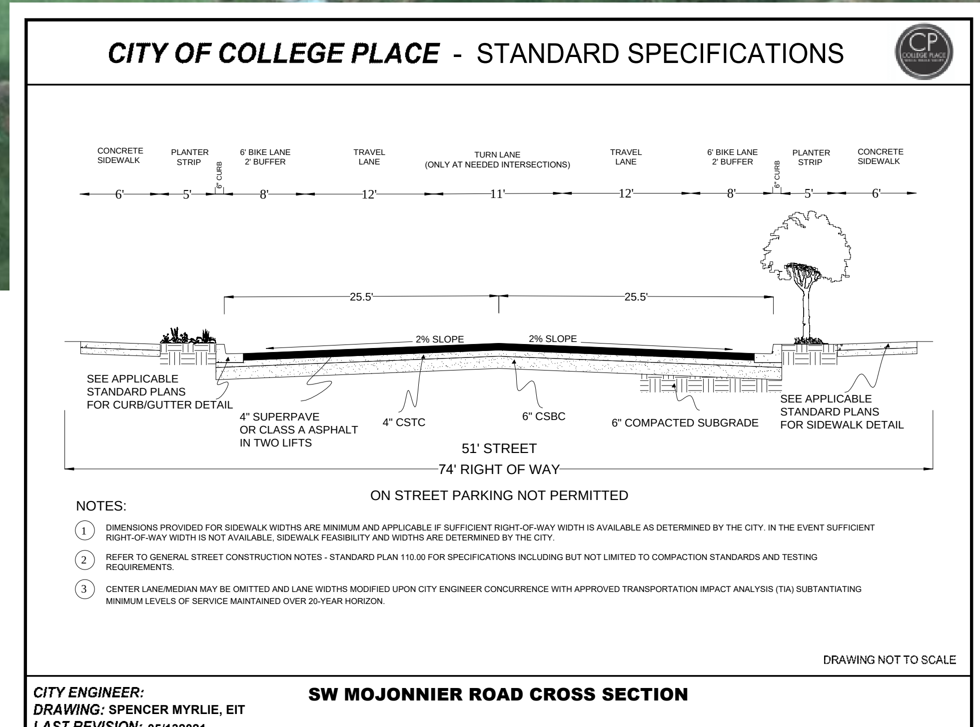
FIGURE 1

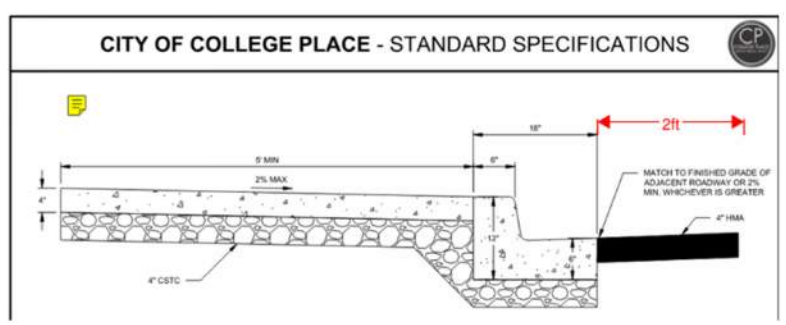
DOWNTOWN/STONE CREEK TIF
CITY OF COLLEGE PLACE



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.	EAST - WEST ROAD / S. COLLEGE AVE ROUNDABOUT	FIGURE 2	DOWNTOWN/STONE CREEK TIF CITY OF COLLEGE PLACE





J·U·B ENGINEERS, INC.	MOJONNIER ROAD RECOSTRUCTION BLUVUE LN TO S COLLEGE PLACE AVE	FIGURE 3	DOWNTOWN/STONE CREEK TIF CITY OF COLLEGE PLACE

LEGEND

STORM DRAINAGE

LANDSCAPE AREA

STREET LIGHT

SIDEWALK AND CURB

ADA PARKING AND RAMP

ONE WAY

J·U·B ENGINEERS, INC.

PARKING LOT 1
EAST SIDE OF S COLLEGE AVE - BETWEEN SE 9TH ST TO SE 10TH ST

FIGURE 4

DOWNTOWN/STONE CREEK TIF
CITY OF COLLEGE PLACE

LEGEND

- STORM DRAINAGE
- LANDSCAPE AREA
- STREET LIGHT
- SIDEWALK AND CURB
- ADA PARKING

J-U-B ENGINEERS, INC.

PARKING LOT 2 WEST SIDE OF S COLLEGE AVE - BETWEEN SW 6TH ST TO SW 8TH ST	FIGURE 5	DOWNTOWN/STONE CREEK TIF CITY OF COLLEGE PLACE

J-U-B ENGINEERS, INC.

PARKING LOT 3
WEST SIDE OF S COLLEGE AVE - BETWEEN SW 4TH ST TO SW 6TH ST

FIGURE 6

DOWNTOWN/STONE CREEK TIF
CITY OF COLLEGE PLACE