

Project Scope: The R Avenue Long-Term Improvement Project upgrades the R Avenue and 30th Street intersection to a roundabout, modifies the R Avenue median to reduce vehicle crossing points, widens the walkways along both sides of R Avenue to 10 feet, and adds curb, gutter, sidewalk, water quality facilities, and pervious pavement parking areas to Q Avenue between 32nd Street and 29th Street, 29th Street between Commercial and Q, and 30th Street between Q and R. A designated left-turn lane at 32nd Street for northbound R Avenue traffic is also proposed. The project is approximately 5,600 linear feet long and has a working day estimate of 280 days.

ITEM	ITEM DESCRIPTION	SPEC. REF.	QUANTITY	UNIT OF MEASURE	UNIT PRICE	TOTAL
<b>PREPARATION</b>						
1	MOBILIZATION	1-09	1	L.S.	\$ 484,252.55	\$ 484,252.55
2	CLEARING AND GRUBBING	2-01	1.7	ACRE	\$ 11,000.00	\$ 18,700.00
3	ARCHAEOLOGICAL AND HISTORICAL SALVAGE	1-07 GSP	1	EST.	\$ 1,500.00	\$ 1,500.00
4	REMOVING DRAINAGE STRUCTURE	2-02 SP	12	EACH	\$ 800.00	\$ 1,500.00
5	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	2-02 GSP	1	L.S.	\$ 23,620.00	\$ 23,620.00
6	REMOVING CEMENT CONC. SIDEWALK	2-02 SP	4950	S.Y.	\$ 20.00	\$ 99,000.00
7	REMOVING CEMENT CONC. CURB AND GUTTER	2-02 SP	9580	L.F.	\$ 9.00	\$ 86,220.00
8	REMOVING ASPHALT CONC. PAVEMENT	2-02 GSP	24280	S.Y.	\$ 5.00	\$ 121,400.00
9	REMOVING TRAFFIC ISLAND	2-02 SP	260	S.Y.	\$ 25.00	\$ 6,500.00
10	REMOVING TRAFFIC CURB	2-02 SP	1450	L.F.	\$ 9.00	\$ 13,050.00
11	REMOVING PAINT LINE	8-22	490	L.F.	\$ 1.00	\$ 490.00
12	REMOVING PAINTED TRAFFIC MARKING	2-02	2	EACH	\$ 250.00	\$ 500.00
<b>GRADING</b>						
13	ROADWAY EXCAVATION INCL. HAUL	2-03	18,700	C.Y.	\$ 30.00	\$ 561,000.00
14	UNSUITABLE FOUNDATION EXCAVATION INCL. HAUL	2-03	350	C.Y.	\$ 25.00	\$ 8,750.00
15	GRAVEL BORROW INCL. HAUL	2-03	24,083	TON	\$ 25.00	\$ 602,075.00
<b>DRAINAGE</b>						
16	DRAIN PIPE 6 IN. DIAM.	7-01	30	L.F.	\$ 40.00	\$ 1,200.00
17	DRAIN PIPE 8 IN. DIAM.	7-01	598	L.F.	\$ 46.00	\$ 27,508.00
<b>STORM SEWER</b>						
18	CATCH BASIN TYPE 1L	7-05	25	EACH	\$ 2,700.00	\$ 67,500.00
19	CATCH BASIN TYPE 2 60 IN. DIAM.	7-05	1	EACH	\$ 5,000.00	\$ 5,000.00
20	TESTING STORM SEWER PIPE	7-04	2,554	L.F.	\$ 3.00	\$ 7,662.00
21	SCHEDULE A STORM SEWER PIPE 12 IN. DIAM.	7-04	1,762	L.F.	\$ 50.00	\$ 88,100.00
22	SCHEDULE A STORM SEWER PIPE 18 IN. DIAM.	7-04	194	L.F.	\$ 70.00	\$ 13,580.00
<b>WATER LINES</b>						
23	RESET EXISTING HYDRANTS	7-14	3	EACH	\$ 2,300.00	\$ 6,900.00
<b>SURFACING</b>						
24	CRUSHED SURFACING TOP COURSE	4-04	1,302	TON	\$ 40.00	\$ 52,080.00
25	CRUSHED SURFACING BASE COURSE	4-04	6,692	TON	\$ 45.00	\$ 301,140.00
26	PERVIOUS CONCRETE UNDER COURSE	4-04 SP	333	S.Y.	\$ 50.00	\$ 16,650.00
<b>HOT MIX ASPHALT</b>						
27	SAWCUTTING ASPHALT CONC. PAVEMENT	5-04 SP	3590	L.F.	\$ 3.00	\$ 10,770.00
28	PLANING BITUMINOUS PAVEMENT	5-04	5,030	S.Y.	\$ 7.00	\$ 35,210.00
29	HMA CL. 1/2 IN. PG 58H-22	5-04 GSP	6,968	TON	\$ 140.00	\$ 975,520.00
<b>EROSION CONTROL AND ROADSIDE PLANTING</b>						
30	ESC LEAD	8-01	57	DAY	\$ 240.00	\$ 13,680.00
31	INLET PROTECTION	8-01	76	EACH	\$ 70.00	\$ 5,320.00
32	STREET CLEANING	8-01	456	HOUR	\$ 75.00	\$ 34,200.00
33	WATTLE	8-01	500	L.F.	\$ 5.00	\$ 2,500.00
34	HIGH VISIBILITY FENCE	8-02	4,870	L.F.	\$ 3.50	\$ 17,045.00
35	HIGH VISIBILITY SILT FENCE	8-01	4,100	L.F.	\$ 5.00	\$ 20,500.00
36	EROSION/WATER POLLUTION CONTROL	8-01	1	EST.	\$ 5,500.00	\$ 5,500.00
37	SEEDING, FERTILIZING, AND MULCHING	8-02	0.7	ACRE	\$ 15,000.00	\$ 10,500.00
38	TOPSOIL TYPE A	8-02	1,462	C.Y.	\$ 65.00	\$ 95,030.00
39	SANDY LOAM	8-02 SP	1,558	C.Y.	\$ 50.00	\$ 77,900.00
40	PSIPE PACIFIC SUNSET MAPLE (2" CALIPER)	8-02	10	EACH	\$ 400.00	\$ 4,000.00
41	PSIPE AUTUMN GOLD GINKGO (2" CALIPER)	8-02	3	EACH	\$ 475.00	\$ 1,425.00
42	PSPE DOUGLAS FIR (7'-8' HT)	8-02	4	EACH	\$ 400.00	\$ 1,600.00
43	PSIPE SHORE PINE (7'-8' HT)	8-02	7	EACH	\$ 375.00	\$ 2,625.00
44	PSIPE VANDERWOLF'S PYRAMID LIMBER PINE (7'-8' HT)	8-02	5	EACH	\$ 400.00	\$ 2,000.00
45	PSIPE DWARF JAPANESE WHITE PINE (7'-8' HT)	8-02	8	EACH	\$ 400.00	\$ 3,200.00
46	PSIPE SKYROCKET OAK (2" CALIPER)	8-02	3	EACH	\$ 475.00	\$ 1,425.00
47	PSIPE JAPANESE STEWARTIA (2" CALIPER)	8-02	9	EACH	\$ 475.00	\$ 4,275.00
48	PSIPE SHRUB (#2 CONTAINER)	8-02	7,436	EACH	\$ 20.00	\$ 148,720.00
49	PSIPE GROUND COVER (#1 CONTAINER)	8-02	5,237	EACH	\$ 16.00	\$ 83,792.00
50	TREE ROOT BARRIER	8-02 SP	250	L.F.	\$ 12.00	\$ 3,000.00
51	SEEDED LAWN INSTALLATION	8-02 SP	6,465	S.Y.	\$ 4.00	\$ 25,860.00
52	BARK OR WOOD CHIP MULCH	8-02 SP	1,884	S.Y.	\$ 6.00	\$ 11,304.00
<b>TRAFFIC</b>						
53	CEMENT CONC. TRAFFIC CURB AND GUTTER	8-04	9,174	L.F.	\$ 35.00	\$ 321,090.00
54	CEMENT CONC. TRAFFIC CURB	8-04	3,807	L.F.	\$ 30.00	\$ 114,217.80
55	CEMENT CONC. PEDESTRIAN CURB	8-04	987	L.F.	\$ 30.00	\$ 29,610.00
56	ROUNDABOUT SPLITTER ISLAND NOSING CURB	8-04	2	EACH	\$ 250.00	\$ 500.00
57	ROUNDABOUT CEMENT CONCRETE CURB AND GUTTER	8-04	1802	L.F.	\$ 50.00	\$ 90,100.00
58	ROUNDABOUT CENTRAL ISLAND CEMENT CONCRETE CURB	8-04	140	L.F.	\$ 120.00	\$ 16,800.00
59	ROUNDABOUT TRUCK APRON CEM. CONC. CURB AND GUTTER	8-04	461	L.F.	\$ 65.00	\$ 29,965.00
60	PRECAST DUAL FACED SLOPED MOUNTABLE CURB	8-04	171	L.F.	\$ 30.00	\$ 5,130.00
61	PLASTIC LINE	8-22	9,124	L.F.	\$ 1.60	\$ 14,598.40
62	PLASTIC CROSSWALK LINE	8-22	3,256	S.F.	\$ 6.00	\$ 19,536.00
63	PLASTIC WIDE LANE LINE	8-22	128	L.F.	\$ 2.00	\$ 256.00
64	PLASTIC STOP LINE	8-22	193	L.F.	\$ 13.00	\$ 2,509.00
65	PLASTIC YIELD LINE SYMBOL	8-22	24	EACH	\$ 180.00	\$ 4,320.00
66	PLASTIC CROSSHATCH MARKING	8-22	337	L.F.	\$ 1.50	\$ 505.50
67	PERMANENT SIGNING	8-21	1	L.S.	\$ 24,900.00	\$ 24,900.00
68	ILLUMINATION SYSTEM COMPLETE	8-20 SP	1	L.S.	\$ 102,096.00	\$ 102,096.00
69	PROJECT TEMPORARY TRAFFIC CONTROL	1-10 GSP	1	L.S.	\$ 92,400.00	\$ 92,400.00
70	OTHER TEMPORARY TRAFFIC CONTROL	1-10	1	L.S.	\$ 33,600.00	\$ 33,600.00
71	TRAFFIC CONTROL SUPERVISOR	1-10 GSP	1	L.S.	\$ 152,100.00	\$ 152,100.00
72	CONSTRUCTION SIGNS CLASS A	1-10	480	S.F.	\$ 24.00	\$ 11,520.00
73	PEDESTRIAN TRAFFIC CONTROL	1-10	1	L.S.	\$ 21,750.00	\$ 21,750.00
<b>OTHER ITEMS</b>						
74	TYPE B PROGRESS SCHEDULE	1-08 GPS	1	L.S.	\$ 9,000.00	\$ 9,000.00
75	STRUCTURE EXCAVATION CLASS B INCL. HAUL	2-09	1280	C.Y.	\$ 25.00	\$ 32,000.00
76	SHORING OR EXTRA EXCAVATION CLASS B	2-09	5124	S.F.	\$ 1.50	\$ 7,686.00
77	BIORETENTION CELL	7-06 SP	1	L.S.	\$ 116,020.00	\$ 116,020.00
78	CURB CUT WITH DISPERSAL PAD	7-06 SP	102	EACH	\$ 500.00	\$ 51,000.00
79	ROUND OVERFLOW CATCH BASIN	7-06 SP	36	EACH	\$ 750.00	\$ 27,000.00
80	WATER QUALITY CATCH BASIN	7-06 SP	1	EACH	\$ 35,000.00	\$ 35,000.00
81	ROADWAY SURVEYING	1-05.4 SP	1	L.S.	\$ 108,320.00	\$ 108,320.00
82	LICENSED SURVEYING	1-05.4 GSP	1	EST.	\$ 11,500.00	\$ 11,500.00
83	ADA FEATURES SURVEYING	1-05.4 GSP	1	L.S.	\$ 27,500.00	\$ 27,500.00
84	CENTERLINE MONUMENTATION	8-13 SP	10	EACH	\$ 800.00	\$ 8,000.00
85	CEMENT CONC. SIDEWALK	8-14	8,820	S.Y.	\$ 55.00	\$ 485,100.00
86	CEMENT CONC. DRIVEWAY ENTRANCE TYPE 1	8-06	2,148	S.Y.	\$ 80.00	\$ 171,840.00
87	CEMENT CONC. CURB RAMP TYPE PARALLEL A	8-14	2	EACH	\$ 2,400.00	\$ 4,800.00
88	CEMENT CONC. CURB RAMP TYPE PARALLEL B	8-14	2	EACH	\$ 2,200.00	\$ 4,400.00
89	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR A	8-14	4	EACH	\$ 2,600.00	\$ 10,400.00
90	CEMENT CONC. CURB RAMP TYPE PERPENDICULAR B	8-14	22	EACH	\$ 2,400.00	\$ 52,800.00
91	CEMENT CONC. CURB RAMP TYPE SINGLE DIRECTION A	8-14	18	EACH	\$ 2,200.00	\$ 39,600.00
92	CEMENT CONC. CURB RAMP TYPE COMBINATION	8-14	4	EACH	\$ 2,600.00	\$ 10,400.00
93	CEMENT CONC. BIKE RAMP	8-14 SP	1	EACH	\$ 1,800.00	\$ 1,800.00
94	DETECTABLE WARNING SURFACE (AT NON-RAMP LOCATIONS)	8-14	220	S.F.	\$ 55.00	\$ 12,100.00
95	PIGMENTED CEMENT CONC. TRUCK APRON	8-14 SP	106	S.Y.	\$ 420.00	\$ 44,520.00
96	PIGMENTED CEMENT CONC. SPLITTER ISLAND	8-14 SP	312	S.Y.	\$ 390.00	\$ 121,680.00
97	PERVIOUS CONCRETE PAVEMENT	5-05 SP	333	S.Y.	\$ 95.00	\$ 31,635.00
98	CEMENT CONC. CROSSWALK REFUGE AREA	8-14 SP	33	S.Y.	\$ 65.00	\$ 2,145.00
99	CONNECTION TO DRAINAGE STRUCTURE	7-05 SP	33	EACH	\$ 650.00	\$ 21,450.00
100	ADJUST CATCH BASIN	7-05 SP	35	EACH	\$ 675.00	\$ 23,625.00
101	LOCKING SOLID METAL COVER AND FRAME FOR CATCH BASIN	7-05 SP	37	EACH	\$ 600.00	\$ 22,200.00
102	ADJUST MANHOLE	7-05	3	EACH	\$ 950.00	\$ 2,850.00
103	ADJUST METER BOX	7-16 SP	21	EACH	\$ 350.00	\$ 7,350.00
104	ADJUST VALVE BOX	7-13 SP	39	EACH	\$ 500.00	\$ 19,500.00
105	FORCE ACCOUNT POTHOLING UTILITIES	1-09.6 SP	1	EST.	\$ 35,240.00	\$ 35,240.00
106	FORCE ACCOUNT REPAIR/RESTORATION OF PUBLIC AND PRIVATE FACILITIES	1-09.6 SP	1	EST.	\$ 6,290.00	\$ 6,290.00
107	FORCE ACCOUNT UNANTICIPATED UNDERGROUND CONFLICTS	1-09.6 SP	1	EST.	\$ 9,960.00	\$ 9,960.00
108	FORCE ACCOUNT PROTECTION AND RESTORATION OF PROPERTY	8-02 SP	1	EST.	\$ 12,000.00	\$ 12,000.00
109	TRIMMING AND CLEANUP	2-11	1	EST.	\$ 8,460.00	\$ 8,460.00
110	SPCC PLAN	1-07	1	L.S.	\$ 1,000.00	\$ 3,000.00
111	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	2-12	20,000	S.Y.	\$ 2.00	\$ 40,000.00
112	MIN BID REQ - RECORD DRAWINGS	1-05 SP	1	L.S.	\$ 6,500.00	\$ 6,500.00
<b>TOTAL WORK DONE CONTRACTOR:</b>						<b>\$ 6,940,953.25</b>