

**Mast Landing Parking Lot Improvement Project 2017**  
**Project No. 219-11**  
**Engineer Estimate Bid Results**

				CEI Estimate		Integrity Earthworks, LLC		J. Parker & Daughters, Inc.		G.W. Brooks & Son, Inc.	
						Add. Ack.: YES Bid Bond/Check: BID BOND		Add. Ack.: YES Bid Bond/Check: BID BOND		Add. Ack.: YES Bid Bond/Check: BID BOND	
Item	Description	Est. Quant.	Units	Unit Price	Sub-Total	Unit Price	Sub-Total	Unit Price	Sub-Total	Unit Price	Sub-Total
<b>BASE BID</b>											
1	Mobilization & Demobilization	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 1,500.00	\$ 1,500.00	\$ 18,000.00	\$ 18,000.00	\$ 25,826.00	\$ 25,826.00
2	Site Preparation & Existing Utility Adjustments	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 750.00	\$ 750.00	\$ 5,000.00	\$ 5,000.00	\$ 1,150.00	\$ 1,150.00
3	I.C.B. Retaining Wall (2 foot high exposed face)	120	SF	\$ 30.00	\$ 3,600.00	\$ 36.00	\$ 4,320.00	\$ 14.00	\$ 1,680.00	\$ 42.00	\$ 5,040.00
4	Roadway Cut / Fill (Railway Crossing & ADA Sidewalk)	185	CY	\$ 30.00	\$ 5,550.00	\$ 14.75	\$ 2,728.75	\$ 12.00	\$ 2,220.00	\$ 14.00	\$ 2,590.00
5	Road Regrade & Fine Grading	160	SY	\$ 10.00	\$ 1,600.00	\$ 0.80	\$ 128.00	\$ 11.00	\$ 1,760.00	\$ 15.00	\$ 2,400.00
6	Saw Cut Pavement	300	LF	\$ 1.50	\$ 450.00	\$ 2.00	\$ 600.00	\$ 2.00	\$ 600.00	\$ 3.50	\$ 1,050.00
7	Pavement Milling 1-inch deep (Overlay Sections)	700	SY	\$ 6.00	\$ 4,200.00	\$ 5.95	\$ 4,165.00	\$ 3.00	\$ 2,100.00	\$ 9.00	\$ 6,300.00
8	Pavement Reclaim (Full Depth Sections)	1,350	SY	\$ 3.00	\$ 4,050.00	\$ 1.92	\$ 2,592.00	\$ 3.00	\$ 4,050.00	\$ 3.80	\$ 5,130.00
9	Subgrade Excavation & Disposal (Porous Pavement Sections)	300	CY	\$ 10.00	\$ 3,000.00	\$ 9.20	\$ 2,760.00	\$ 12.00	\$ 3,600.00	\$ 39.00	\$ 11,700.00
10	Overlay Pavement (Tack Coat)	700	SY	\$ 1.00	\$ 700.00	\$ 0.20	\$ 140.00	\$ 1.00	\$ 700.00	\$ 0.25	\$ 175.00
11	Overlay Pavement (1" tick Top Coat)	40	TON	\$ 120.00	\$ 4,800.00	\$ 80.00	\$ 3,200.00	\$ 80.00	\$ 3,200.00	\$ 120.00	\$ 4,800.00
12	Full Depth Pavement (3" thick Binder Course)	225	TON	\$ 120.00	\$ 27,000.00	\$ 78.00	\$ 17,550.00	\$ 80.00	\$ 18,000.00	\$ 119.00	\$ 26,775.00
13	Porous Pavement (3" thick Binder Course)	85	TON	\$ 160.00	\$ 13,600.00	\$ 180.00	\$ 15,300.00	\$ 175.00	\$ 14,875.00	\$ 200.00	\$ 17,000.00
14	Porous Pavement Subgrade Materials (Sand)	135	CY	\$ 30.00	\$ 4,050.00	\$ 11.50	\$ 1,552.50	\$ 12.00	\$ 1,620.00	\$ 37.00	\$ 4,995.00
15	Porous Pavement Subgrade Materials (3/4" & 3/8" Crushed Stone)	190	CY	\$ 20.00	\$ 3,800.00	\$ 12.21	\$ 2,319.90	\$ 30.00	\$ 5,700.00	\$ 52.00	\$ 9,880.00
16	Clearing and Grubbing	0.30	ACRE	\$ 5,000.00	\$ 1,500.00	\$ 3,300.00	\$ 990.00	\$ 10,000.00	\$ 3,000.00	\$ 25,000.00	\$ 7,500.00
17	Excavation for Stormwater BMPs	165	CY	\$ 10.00	\$ 1,650.00	\$ 14.00	\$ 2,310.00	\$ 15.00	\$ 2,475.00	\$ 18.00	\$ 2,970.00
18	Pre-cast Concrete Yard Drain (2-ft x 2-ft Inner Dimension)	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 472.00	\$ 944.00	\$ 1,500.00	\$ 3,000.00	\$ 2,530.00	\$ 5,060.00
19	Outlet Control Structure	1	EA	\$ 3,500.00	\$ 3,500.00	\$ 3,590.00	\$ 3,590.00	\$ 4,000.00	\$ 4,000.00	\$ 5,065.00	\$ 5,065.00
20	Pre-cast Concrete Deep Sump Catch Basin (4-foot ID)	1	EA	\$ 2,800.00	\$ 2,800.00	\$ 2,412.00	\$ 2,412.00	\$ 2,200.00	\$ 2,200.00	\$ 3,165.00	\$ 3,165.00
21	Pre-cast Concrete Leaching Catch Basin (4-foot ID)	1	EA	\$ 2,800.00	\$ 2,800.00	\$ 3,974.50	\$ 3,974.50	\$ 3,000.00	\$ 3,000.00	\$ 4,050.00	\$ 4,050.00
22	Remove Drainage Structures & Piping	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 500.00	\$ 500.00	\$ 860.00	\$ 860.00
23	HDPE Drainage Pipe (8-inch diameter)	72	LF	\$ 75.00	\$ 5,400.00	\$ 15.91	\$ 1,145.52	\$ 25.00	\$ 1,800.00	\$ 36.00	\$ 2,592.00
24	RC Drainage Pipe (12-inch diameter)	8	LF	\$ 80.00	\$ 640.00	\$ 16.50	\$ 132.00	\$ 42.00	\$ 336.00	\$ 132.00	\$ 1,056.00
25	Perforated Subdrain Pipe (6-inch PVC)	380	LF	\$ 15.00	\$ 5,700.00	\$ 9.80	\$ 3,724.00	\$ 22.00	\$ 8,360.00	\$ 42.00	\$ 15,960.00
26	Solid Drain Pipe (6-inch PVC)	40	LF	\$ 10.00	\$ 400.00	\$ 9.80	\$ 392.00	\$ 20.00	\$ 800.00	\$ 33.00	\$ 1,320.00
27	Riprap Stone (Furnish and Place)	30	CY	\$ 35.00	\$ 1,050.00	\$ 45.00	\$ 1,350.00	\$ 32.00	\$ 960.00	\$ 64.00	\$ 1,920.00
28	Geotextile Fabric	300	SY	\$ 2.00	\$ 600.00	\$ 0.98	\$ 294.00	\$ 2.00	\$ 600.00	\$ 2.15	\$ 645.00
29	Stormwater BMP Subgrade Materials (Sand)	10	CY	\$ 30.00	\$ 300.00	\$ 11.50	\$ 115.00	\$ 12.00	\$ 120.00	\$ 44.00	\$ 440.00
30	Stormwater BMP Subgrade Materials (3/4" & 3/8" Crushed Stone)	75	CY	\$ 20.00	\$ 1,500.00	\$ 13.50	\$ 1,012.50	\$ 30.00	\$ 2,250.00	\$ 60.00	\$ 4,500.00
31	Stormwater BMP Subgrade Materials (Bioretention Mix)	20	CY	\$ 50.00	\$ 1,000.00	\$ 30.00	\$ 600.00	\$ 40.00	\$ 800.00	\$ 57.00	\$ 1,140.00
32	Landscaping Perennials & Shrubs (Furnish & Install)	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 3,100.00	\$ 3,100.00	\$ 5,000.00	\$ 5,000.00	\$ 10,300.00	\$ 10,300.00
33	Install)	1	EA	\$ 250.00	\$ 250.00	\$ 1,680.00	\$ 1,680.00	\$ 700.00	\$ 700.00	\$ 5,050.00	\$ 5,050.00
34	ACF FocalPoint BMP (Furnish & Install)	30	SF	\$ 175.00	\$ 5,250.00	\$ 236.36	\$ 7,090.80	\$ 267.00	\$ 8,010.00	\$ 510.00	\$ 15,300.00
35	ACF PaveDrain Porous Paver System (Furnish & Install)	400	SF	\$ 15.00	\$ 6,000.00	\$ 29.80	\$ 11,920.00	\$ 22.00	\$ 8,800.00	\$ 45.00	\$ 18,000.00
36	ACF GeoPave (Furnish & Install)	170	SF	\$ 10.00	\$ 1,700.00	\$ 16.00	\$ 2,720.00	\$ 22.00	\$ 3,740.00	\$ 34.00	\$ 5,780.00
37	Remove & Reset Wood Guardrail	30	LF	\$ 25.00	\$ 750.00	\$ 25.00	\$ 750.00	\$ 15.00	\$ 450.00	\$ 58.00	\$ 1,740.00
38	Traffic & Parking Signage	30	SF	\$ 50.00	\$ 1,500.00	\$ 75.00	\$ 2,250.00	\$ 45.00	\$ 1,350.00	\$ 160.00	\$ 4,800.00
39	ADA Compliant Railroad Crossing Platform	1	LS	\$ 500.00	\$ 500.00	\$ 1,650.00	\$ 1,650.00	\$ 4,500.00	\$ 4,500.00	\$ 1,065.00	\$ 1,065.00
40	Line Striping & Marking (6-inch White)	1,500	LF	\$ 1.20	\$ 1,800.00	\$ 0.90	\$ 1,350.00	\$ 0.50	\$ 750.00	\$ 0.95	\$ 1,425.00
41	Line Striping & Marking (12-inch White)	12	LF	\$ 2.50	\$ 30.00	\$ 1.78	\$ 21.36	\$ 20.00	\$ 240.00	\$ 21.00	\$ 252.00
42	Line Striping & Marking (Misc. Symbols White)	20	SF	\$ 20.00	\$ 400.00	\$ 2.00	\$ 40.00	\$ 20.00	\$ 400.00	\$ 19.00	\$ 380.00
43	Vertical Granite Curbing	185	LF	\$ 30.00	\$ 5,550.00	\$ 48.00	\$ 8,880.00	\$ 37.00	\$ 6,845.00	\$ 55.00	\$ 10,175.00
44	Concrete Steps (5 CY 4,000 PSI, Reinforcing Steel & Metal Handrail)	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 8,170.00	\$ 8,170.00	\$ 6,000.00	\$ 6,000.00	\$ 10,445.00	\$ 10,445.00

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Item	Description	Est. Quant.	Units	Unit Price	Sub-Total	Unit Price	Sub-Total	Unit Price	Sub-Total	Unit Price	Sub-Total
BASE BID											
45	Pre-Seeded Compost Sock Bank Stabilization	400	SF	\$ 5.00	\$ 2,000.00	\$ 0.85	\$ 340.00	\$ 3.00	\$ 1,200.00	\$ 8.00	\$ 3,200.00
46	Loam	50	CY	\$ 40.00	\$ 2,000.00	\$ 45.00	\$ 2,250.00	\$ 20.00	\$ 1,000.00	\$ 60.00	\$ 3,000.00
47	Aged Wood Mulch	15	CY	\$ 45.00	\$ 675.00	\$ 32.00	\$ 480.00	\$ 42.00	\$ 630.00	\$ 50.00	\$ 750.00
48	Seed Impacted Areas	350	SY	\$ 3.00	\$ 1,050.00	\$ 0.72	\$ 252.00	\$ 1.00	\$ 350.00	\$ 3.00	\$ 1,050.00
49	Temporary Erosion Controls (Compost Filter Sock & SiltSacks)	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,948.00	\$ 1,948.00	\$ 1,000.00	\$ 1,000.00	\$ 2,565.00	\$ 2,565.00
50	Split rail Fence	25	LF	\$ 20.00	\$ 500.00	\$ 10.00	\$ 250.00	\$ 20.00	\$ 500.00	\$ 36.00	\$ 900.00
51	Miscellaneous Park Features (Bench & Picnic Table)	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 3,900.00	\$ 3,900.00	\$ 4,000.00	\$ 4,000.00	\$ 7,425.00	\$ 7,425.00
52	Interpretive Signs	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 760.00	\$ 1,520.00	\$ 750.00	\$ 1,500.00	\$ 7,225.00	\$ 14,450.00
53	Wooden Informational Kiosk	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 3,460.00	\$ 3,460.00	\$ 5,000.00	\$ 5,000.00	\$ 8,880.00	\$ 8,880.00
54	Water Pipe & Fittings (2" Copper)	120	LF	\$ 50.00	\$ 6,000.00	\$ 20.00	\$ 2,400.00	\$ 32.00	\$ 3,840.00	\$ 78.00	\$ 9,360.00
55	Sewer Pipe & Fittings (6" PVC Pressure Pipe)	140	LF	\$ 25.00	\$ 3,500.00	\$ 26.50	\$ 3,710.00	\$ 28.00	\$ 3,920.00	\$ 72.00	\$ 10,080.00
56	Material Testing & Inspection	1	ALL.	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
57	Rock Excavation - Mechanical	50	CY	\$ 100.00	\$ 5,000.00	\$ 145.00	\$ 7,250.00	\$ 50.00	\$ 2,500.00	\$ 350.00	\$ 17,500.00
	TOTAL BASE BID ITEMS				\$ 175,095.00		\$ 163,223.83		\$ 192,031.00		\$ 349,426.00