Martin Marietta Aggregates

2020 Ames Mine Rock Hauling - Story County

Segment ID	Length	Distance To Mine	Tons/Mile	Tons	Material	Freight	Delivered	Segment Cost
	(mi)	(mi)			cost per ton (1.5" roadstone)	cost per ton		
20K	1	17	250	250	$10.80	$6.56	$17.36	$4,340.00
19K	1	15.5	250	250	$10.80	$6.29	$17.09	$4,272.50
K20	1	18.5	250	250	$10.80	$6.83	$17.63	$4,407.50
19L	1	19.5	250	250	$10.80	$7.01	$17.81	$4,452.50
K19	1.25	15.5	250	325	$10.80	$6.29	$17.09	$5,554.25
L19	.75	16.5	250	200	$10.80	$6.47	$17.27	$3,454.00
L20	1	19.5	250	250	$10.80	$7.01	$17.81	$4,452.50
19M	1	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50
M19	.875	18.5	250	225	$10.80	$6.83	$17.63	$3,966.75
M20	.875	19.5	250	225	$10.80	$7.01	$17.81	$4,007.25
L15	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
15L	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
15Y	1	25.5	250	250	$10.80	$8.09	$18.89	$4,722.50
14Y	1	24.5	250	250	$10.80	$7.91	$18.71	$4,677.50
13Y	1	22	250	250	$10.80	$7.46	$18.26	$4,565.00
X14	1	23.5	250	250	$10.80	$7.73	$18.53	$4,632.50
X15	1	24.5	250	250	$10.80	$7.91	$18.71	$4,677.50
14W	1	25	250	250	$10.80	$8.00	$18.80	$4,700.00
15W	1	25.5	250	250	$10.80	$8.09	$18.89	$4,722.50
W14	.75	23.5	250	200	$10.80	$7.73	$18.53	$3,706.00
W15	.75	24.5	250	200	$10.80	$7.91	$18.71	$3,742.00
13V	1	21.5	250	250	$10.80	$7.37	$18.17	$4,542.50
U14	1	21.5	250	250	$10.80	$7.37	$18.17	$4,542.50
V14	.75	22.5	250	200	$10.80	$7.55	$18.35	$3,670.00
V15	1.75	25	250	450	$10.80	$8.00	$18.80	$8,460.00
U16	1.1	24.5	250	275	$10.80	$7.91	$18.71	$5,145.25
V16	.75	25	250	200	$10.80	$8.00	$18.80	$3,760.00

Segment ID	Length	Distance To Mine	Tons/Mile	Tons	Material	Freight	Delivered	Segment Cost
15U	1	23.5	250	250	$10.80	$7.73	$18.53	$4,632.50
13U	1	20.5	250	250	$10.80	$7.19	$17.99	$4,497.50
14U	1	21.5	250	250	$10.80	$7.37	$18.17	$4,542.50
U15	1.25	22.5	250	325	$10.80	$7.55	$18.35	$5,963.75
14T	.75	25	250	200	$10.80	$8.00	$18.80	$3,760.00
13T	1.25	19.5	250	325	$10.80	$7.01	$17.81	$5,788.25
T14	.75	19	250	200	$10.80	$6.92	$17.72	$3,544.00
13S	1	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50
S14	.75	18	250	200	$10.80	$6.74	$17.54	$3,508.00
14S	1	18.5	250	250	$10.80	$6.83	$17.63	$4,407.50
T15	.5	20.5	250	125	$10.80	$7.19	$17.99	$2,248.75
R15	1.5	18.5	250	375	$10.80	$6.83	$17.63	$6,611.25
15R	1	18.5	250	250	$10.80	$6.83	$17.63	$4,407.50
13R	1.25	16.5	250	325	$10.80	$6.47	$17.27	$5,612.75
14R	.75	17.5	250	200	$10.80	$6.65	$17.45	$3,490.00
14Q	.5	16	250	125	$10.80	$6.38	$17.18	$2,147.50
Q14	1	17	250	250	$10.80	$6.56	$17.36	$4,340.00
15Q	1.5	16.5	250	375	$10.80	$6.47	$17.27	$6,476.25
P14	1	15.5	250	250	$10.80	$6.29	$17.09	$4,272.50
O14	.75	14.5	250	200	$10.80	$6.11	$16.91	$3,382.00
15P	1.5	16.5	250	375	$10.80	$6.47	$17.27	$6,476.25
13P	1	14.5	250	250	$10.80	$6.11	$16.91	$4,227.50
14M	.875	14	250	225	$10.80	$6.02	$16.82	$3,784.50
15M	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
L14	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
16M	1	14.5	250	250	$10.80	$6.11	$16.91	$4,227.50
17M	1	15.5	250	250	$10.80	$6.29	$17.09	$4,272.50
M18	.875	17.5	250	225	$10.80	$6.65	$17.45	$3,926.25
18M	1	16.5	250	250	$10.80	$6.47	$17.27	$4,317.50
14L	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
16L	1.25	13.5	250	325	$10.80	$5.93	$16.73	$5,437.25

Segment ID	Length	Distance To Mine	Tons/Mile	Tons	Material	Freight	Delivered	Segment Cost
K17	1	14	250	250	$10.80	$6.02	$16.82	$4,205.00
17L	1.25	14.5	250	325	$10.80	$6.11	$16.91	$5,495.75
K18	1.5	14.5	250	375	$10.80	$6.11	$16.91	$6,341.63
L18	.75	16.5	250	200	$10.80	$6.47	$17.27	$3,454.00
18L	.5	17.5	250	125	$10.80	$6.65	$17.45	$2,181.25
K15	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
K14	1	10.5	250	250	$10.80	$5.39	$16.19	$4,047.50
2A	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
A2	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
A3	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
A4	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
5B	.5	10.5	250	125	$10.80	$5.39	$16.19	$2,023.75
1C	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
B2	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
B3	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
B4	1	10.5	250	250	$10.80	$5.39	$16.19	$4,047.50
2C	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
3C	1	10.5	250	250	$10.80	$5.39	$16.19	$4,047.50
4C	1	9.5	250	250	$10.80	$5.30	$16.10	$4,025.00
5C	.75	9.5	250	200	$10.80	$5.30	$16.10	$3,220.00
C2	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
C3	1	10.5	250	250	$10.80	$5.39	$16.19	$4,047.50
C4	1	9.5	250	250	$10.80	$5.30	$16.10	$4,025.00
D2	1	10.5	250	250	$10.80	$5.39	$16.19	$4,047.50
D3	1	9.5	250	250	$10.80	$5.30	$16.10	$4,025.00
D4	1	8.5	250	250	$10.80	$5.30	$16.10	$4,025.00
D6	1	8.5	250	250	$10.80	$5.30	$16.10	$4,025.00
D7	1	10	250	250	$10.80	$5.30	$16.10	$4,025.00
E7	1	11	250	250	$10.80	$5.48	$16.28	$4,070.00
E6	1	7.5	250	250	$10.80	$5.30	$16.10	$4,025.00
E4	1	7.5	250	250	$10.80	$5.30	$16.10	$4,025.00

Segment ID	Length	Distance To Mine	Tons/Mile	Tons	Material	Freight	Delivered	Segment Cost
E2	1	9.5	250	250	$10.80	$5.30	$16.10	$4,025.00
1E	1	10.5	250	250	$10.80	$5.39	$16.19	$4,047.50
2E	1	9.5	250	250	$10.80	$5.30	$16.10	$4,025.00
3E	1	9.5	250	250	$10.80	$5.30	$16.10	$4,025.00
4E	1	8	250	250	$10.80	$5.30	$16.10	$4,025.00
5E	1	8	250	250	$10.80	$5.30	$16.10	$4,025.00
O1	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
1P	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
1Q	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
Q4	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
2R	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
3R	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
R3	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
R4	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
R5	2	11.5	250	500	$10.80	$5.57	$16.37	$8,185.00
R6	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
S6	.75	12.5	250	200	$10.80	$5.75	$16.55	$3,310.00
X3	1	19.5	250	250	$10.80	$7.01	$17.81	$4,452.50
X5	1	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50
W5	1	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50
W3	1	19	250	250	$10.80	$6.92	$17.72	$4,430.00
1V	1	19.5	250	250	$10.80	$7.01	$17.81	$4,452.50
2V	1	18.5	250	250	$10.80	$6.83	$17.63	$4,407.50
V3	1	18.3	250	250	$10.80	$6.83	$17.63	$4,407.50
V5	1	16.5	250	250	$10.80	$6.47	$17.27	$4,317.50
1U	1	18.5	250	250	$10.80	$6.83	$17.63	$4,407.50
U3	1	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50
U4	1	16.5	250	250	$10.80	$6.47	$17.27	$4,317.50
U5	1	15.5	250	250	$10.80	$6.29	$17.09	$4,272.50
T4	1	15.5	250	250	$10.80	$6.29	$17.09	$4,272.50
T3	1	16.5	250	250	$10.80	$6.47	$17.27	$4,317.50

Segment ID	Length	Distance To Mine	Tons/Mile	Tons	Material	Freight	Delivered	Segment Cost
1T	1	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50
5T	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
6T	1.5	13.5	250	375	$10.80	$5.93	$16.73	$6,273.75
5U	.75	14	250	200	$10.80	$6.02	$16.82	$3,364.00
7V	.75	17	250	200	$10.80	$6.56	$17.36	$3,472.00
S3	1	14.5	250	250	$10.80	$6.11	$16.91	$4,227.50
S4	1	14.5	250	250	$10.80	$6.11	$16.91	$4,227.50
J14	1	9.5	250	250	$10.80	$5.30	$16.10	$4,025.00
J15	1	10.5	250	250	$10.80	$5.39	$16.19	$4,047.50
J17	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
16J	.25	12.5	250	75	$10.80	$5.75	$16.55	$1,241.25
16K	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
17K	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
18K	1	14.5	250	250	$10.80	$6.11	$16.91	$4,227.50
J18	1	14.5	250	250	$10.80	$6.11	$16.91	$4,227.50
B1	1	13.5	250	250	$10.80	$5.93	$16.73	$4,182.50
E3	1	8.5	250	250	$10.80	$5.30	$16.10	$4,025.00
N1	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
1O	1.25	11.5	250	325	$10.80	$5.57	$16.37	$5,320.25
P4	1	10.5	250	250	$10.80	$5.39	$16.19	$4,047.50
2Q	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
3Q	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
P6	1	11.5	250	250	$10.80	$5.57	$16.37	$4,092.50
4Q	1.5	12.5	250	375	$10.80	$5.75	$16.55	$6,206.25
6Q	1.5	10.5	250	375	$10.80	$5.39	$16.19	$6,071.25
Q3	1	12.5	250	250	$10.80	$5.75	$16.55	$4,137.50
1S	1	16.5	250	250	$10.80	$6.47	$17.27	$4,317.50
1W	1	20	250	250	$10.80	$7.10	$17.90	$4,475.00
W1	1	21.5	250	250	$10.80	$7.37	$18.17	$4,542.50
W2	.25	20.5	250	75	$10.80	$7.19	$17.99	$1,349.25
2U	1	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50

Segment ID	Length	Distance To Mine	Tons/Mile	Tons	Material	Freight	Delivered	Segment Cost
3U	1	16.5	250	250	$10.80	$6.47	$17.27	$4,317.50
T5	1	14.5	250	250	$10.80	$6.11	$16.91	$4,227.50
3T	1	15	250	250	$10.80	$6.20	$17.00	$4,250.00
4T	.5	14.5	250	125	$10.80	$6.11	$16.91	$2,113.75
5S	.75	12.5	250	200	$10.80	$5.75	$16.55	$3,310.00
6S	.75	13.5	250	200	$10.80	$5.93	$16.73	$3,346.00
6U	.9	14.5	250	225	$10.80	$6.11	$16.91	$3,804.75
S1	1	16.5	250	250	$10.80	$6.47	$17.27	$4,317.50
T1	1	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50
15T	1.1	22.5	250	275	$10.80	$7.55	$18.35	$5,046.25
20	.75	13	250	200	$10.80	$5.84	$16.64	$3,328.00
3V	1.0	17.5	250	250	$10.80	$6.65	$17.45	$4,362.50
4V	0.5	17.5	250	125	$10.80	$6.65	$17.45	$2,181.25
6V	1.0	16.5	250	250	$10.80	$6.47	$17.27	$4,317.50
2Y	1	20.5	250	250	$10.80	$7.19	$17.99	$4,497.50
3Y	1.5	18.5	250	375	$10.80	$6.83	$17.63	$6,611.25
U1	1	19.5	250	250	$10.80	$7.01	$17.81	$4,452.50
Q4A	.5	13.5	250	125	$10.80	$5.93	$16.73	$2,091.25
2P	.75	13.5	250	200	$10.80	$5.93	$16.73	$3,346.00
V6	.9	15.5	250	225	$10.80	$6.29	$17.09	$3,845.25
				42450			TOTAL:	$725,565.38

*****Hauling must be completed prior to June 17th, 2020*****

Martin Marletta
1/29/20

Approved by:

Board of Supervisors Date

Recommended for approval by:

Darren Moon 2-5-2020

Darren R. Moon, P.E. Date