

**Engineer's Estimate
Horrocks Engineers**

Project Manager: John Schiess, P.E.
Project Engineer: Brett Wood, P.E.

Construction Cost Index: 11397

FY 2020 Pavement Rehabilitation Project

Contractors	Base Bid A -E	Base A-E + Alt 1-2
Kilgore	\$2,263,827.15	\$2,326,246.15
Geneva Rock Products	\$2,834,874.20	\$2,986,624.20
Staker Parsons Companies	\$3,206,377.00	\$3,381,379.00

Bid Opening: purchasing.utah.gov
Date: April 14, 2020
Time: 2:00 PM

For: FY 2020 Pavement Rehabilitation Project
American Fork City
51 East Main Street
American Fork, UT 84003

Average	\$2,768,359.45	\$2,898,083.12
Engineer's Estimate	\$2,414,779.00	\$2,510,534.00
Percent Difference	-13%	-13%

Base Bid A - 50 South				Engineer's Estimate		Bidder 1 Kilgore		Bidder 2 Geneva Rock Products		Bidder 3 Staker Parsons Companies		Average	
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization	1.00	LS	\$13,700.00	\$13,700.00	\$9,800.00	\$9,800.00	\$20,000.00	\$20,000.00	\$37,800.00	\$37,800.00	\$22,533.33	\$22,533.33
2	Traffic Control	1.00	LS	\$6,500.00	\$6,500.00	\$9,100.00	\$9,100.00	\$8,000.00	\$8,000.00	\$9,155.00	\$9,155.00	\$8,751.67	\$8,751.67
3	Storm Water Pollution Prevention Plan	1.00	LS	\$2,500.00	\$2,500.00	\$2,330.00	\$2,330.00	\$2,000.00	\$2,000.00	\$5,995.00	\$5,995.00	\$3,441.67	\$3,441.67
4	Tree Trimming	1.00	LS	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$500.00	\$500.00	\$541.00	\$541.00	\$380.33	\$380.33
5	Hot Mix Asphalt (4 Inch)	820.00	TON	\$75.00	\$61,500.00	\$71.60	\$58,712.00	\$74.00	\$60,680.00	\$88.00	\$72,160.00	\$77.87	\$63,850.67
6	Remove Asphalt	3390.00	SY	\$3.50	\$11,865.00	\$2.20	\$7,458.00	\$2.50	\$8,475.00	\$4.00	\$13,560.00	\$2.90	\$9,831.00
7	Roadway Excavation	200.00	CY	\$40.00	\$8,000.00	\$23.95	\$4,790.00	\$20.00	\$4,000.00	\$24.50	\$4,900.00	\$22.82	\$4,563.33
8	Granular Borrow	200.00	CY	\$40.00	\$8,000.00	\$39.80	\$7,960.00	\$38.00	\$7,600.00	\$40.00	\$8,000.00	\$39.27	\$7,853.33
9	Grading	1.00	LS	\$7,000.00	\$7,000.00	\$4,830.00	\$4,830.00	\$4,300.00	\$4,300.00	\$1,875.00	\$1,875.00	\$3,668.33	\$3,668.33
10	Intersection Radius	4.00	EA	\$2,000.00	\$8,000.00	\$1,650.00	\$6,600.00	\$3,800.00	\$15,200.00	\$1,795.00	\$7,180.00	\$2,415.00	\$9,660.00
11	One Direction ADA Pedestrian Ramp	4.00	EA	\$3,500.00	\$14,000.00	\$3,325.00	\$13,300.00	\$3,200.00	\$12,800.00	\$3,615.00	\$14,460.00	\$3,380.00	\$13,520.00
12	Adjust Valve Box	9.00	EA	\$700.00	\$6,300.00	\$415.00	\$3,735.00	\$480.00	\$4,320.00	\$454.00	\$4,086.00	\$449.67	\$4,047.00
13	Adjust Manhole	2.00	EA	\$800.00	\$1,600.00	\$620.00	\$1,240.00	\$720.00	\$1,440.00	\$670.00	\$1,340.00	\$670.00	\$1,340.00
14	Paint Markings and Striping	1.00	LS	\$1,700.00	\$1,700.00	\$830.00	\$830.00	\$580.00	\$580.00	\$668.00	\$668.00	\$692.67	\$692.67
TOTAL BASE BID A - 50 SOUTH					\$151,665.00	\$130,785.00	\$149,895.00	\$181,720.00	\$154,133.33				

Base Bid B - 100 East				Engineer's Estimate		Kilgore		Geneva Rock Products		Staker Parsons Companies		Average	
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
100	Mobilization	1.00	LS	\$17,100.00	\$17,100.00	\$11,900.00	\$11,900.00	\$25,000.00	\$25,000.00	\$37,800.00	\$37,800.00	\$24,900.00	\$24,900.00
101	Traffic Control	1.00	LS	\$7,300.00	\$7,300.00	\$9,200.00	\$9,200.00	\$5,300.00	\$5,300.00	\$11,200.00	\$11,200.00	\$8,566.67	\$8,566.67
102	Storm Water Pollution Prevention Plan	1.00	LS	\$2,700.00	\$2,700.00	\$1,830.00	\$1,830.00	\$2,300.00	\$2,300.00	\$5,995.00	\$5,995.00	\$3,375.00	\$3,375.00
103	Tree Trimming	1.00	LS	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$700.00	\$700.00	\$3,245.00	\$3,245.00	\$1,348.33	\$1,348.33
104	Hot Mix Asphalt (4 Inch)	1310.00	TON	\$75.00	\$98,250.00	\$71.10	\$93,141.00	\$71.00	\$93,010.00	\$88.00	\$115,280.00	\$76.70	\$100,477.00
105	Remove Asphalt	5480.00	SY	\$3.00	\$16,440.00	\$1.85	\$10,138.00	\$2.50	\$13,700.00	\$5.00	\$27,400.00	\$3.12	\$17,079.33
106	Intersection Radius	2.00	EA	\$2,000.00	\$4,000.00	\$1,650.00	\$3,300.00	\$4,000.00	\$8,000.00	\$1,795.00	\$3,590.00	\$2,481.67	\$4,963.33
107	Roadway Excavation	200.00	CY	\$40.00	\$8,000.00	\$23.95	\$4,790.00	\$20.00	\$4,000.00	\$23.50	\$4,700.00	\$22.48	\$4,496.67
108	Granular Borrow	200.00	CY	\$40.00	\$8,000.00	\$39.80	\$7,960.00	\$38.00	\$7,600.00	\$36.00	\$7,200.00	\$37.93	\$7,586.67
109	Grading	1.00	LS	\$11,000.00	\$11,000.00	\$8,000.00	\$8,000.00	\$8,100.00	\$8,100.00	\$2,810.00	\$2,810.00	\$6,303.33	\$6,303.33
110	Remove Curb and Gutter	20.00	LF	\$11.50	\$230.00	\$19.40	\$388.00	\$30.00	\$600.00	\$15.00	\$300.00	\$21.47	\$429.33
111	24 Inch Curb and Gutter	20.00	LF	\$47.50	\$950.00	\$37.80	\$756.00	\$76.00	\$1,520.00	\$41.00	\$820.00	\$51.60	\$1,032.00
112	One Direction ADA Pedestrian Ramp	3.00	EA	\$3,500.00	\$10,500.00	\$3,325.00	\$9,975.00	\$3,200.00	\$9,600.00	\$3,615.00	\$10,845.00	\$3,380.00	\$10,140.00
113	Two Direction ADA Pedestrian Ramp	2.00	EA	\$4,500.00	\$9,000.00	\$4,190.00	\$8,380.00	\$4,100.00	\$8,200.00	\$4,550.00	\$9,100.00	\$4,280.00	\$8,560.00
114	Adjust Valve Box	5.00	EA	\$700.00	\$3,500.00	\$415.00	\$2,075.00	\$480.00	\$2,400.00	\$454.00	\$2,270.00	\$449.67	\$2,248.33
115	Adjust Manhole	6.00	EA	\$800.00	\$4,800.00	\$620.00	\$3,720.00	\$720.00	\$4,320.00	\$670.00	\$4,020.00	\$670.00	\$4,020.00
116	Paint Markings and Striping	1.00	LS	\$1,700.00	\$1,700.00	\$1,345.00	\$1,345.00	\$1,100.00	\$1,100.00	\$1,350.00	\$1,350.00	\$1,265.00	\$1,265.00
117	Catch Basin	1.00	EA	\$3,000.00	\$3,000.00	\$5,330.00	\$5,330.00	\$9,800.00	\$9,800.00	\$10,350.00	\$10,350.00	\$8,493.33	\$8,493.33
TOTAL BASE BID B - 100 EAST					\$207,470.00	\$182,328.00	\$205,250.00	\$258,275.00	\$215,284.33				

Base Bid C - 200 North

ITEM NO.	DESCRIPTION	QUANTITY	UNITS	Engineer's Estimate		Kilgore		Geneva Rock Products		Staker Parsons Companies		Average	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
200	Mobilization	1.00	LS	\$23,200.00	\$23,200.00	\$31,300.00	\$31,300.00	\$34,000.00	\$34,000.00	\$37,800.00	\$37,800.00	\$34,366.67	\$34,366.67
201	Traffic Control	1.00	LS	\$13,500.00	\$13,500.00	\$19,600.00	\$19,600.00	\$6,300.00	\$6,300.00	\$49,550.00	\$49,550.00	\$25,150.00	\$25,150.00
202	Storm Water Pollution Prevention Plan	1.00	LS	\$4,400.00	\$4,400.00	\$2,835.00	\$2,835.00	\$4,000.00	\$4,000.00	\$5,995.00	\$5,995.00	\$4,276.67	\$4,276.67
203	Tree Trimming	1.00	LS	\$1,500.00	\$1,500.00	\$1,015.00	\$1,015.00	\$1,200.00	\$1,200.00	\$7,570.00	\$7,570.00	\$3,261.67	\$3,261.67
204	Remove Excess Material	910.00	CY	\$22.50	\$20,475.00	\$21.80	\$19,838.00	\$30.00	\$27,300.00	\$15.50	\$14,105.00	\$22.43	\$20,414.33
205	Roadway Excavation	100.00	CY	\$40.00	\$4,000.00	\$24.65	\$2,465.00	\$20.00	\$2,000.00	\$23.50	\$2,350.00	\$22.72	\$2,271.67
206	Granular Borrow	100.00	CY	\$40.00	\$4,000.00	\$42.60	\$4,260.00	\$39.00	\$3,900.00	\$36.00	\$3,600.00	\$39.20	\$3,920.00
207	Full Depth Reclamation (6 Inch)	1820.00	CY	\$41.50	\$75,530.00	\$48.10	\$87,542.00	\$47.00	\$85,540.00	\$59.50	\$108,290.00	\$51.53	\$93,790.67
208	Hot Mix Asphalt (3 Inch)	1970.00	TON	\$75.00	\$147,750.00	\$69.25	\$136,422.50	\$70.00	\$137,900.00	\$88.00	\$173,360.00	\$75.75	\$149,227.50
209	Adjust Valve Box	32.00	EA	\$700.00	\$22,400.00	\$415.00	\$13,280.00	\$480.00	\$15,360.00	\$460.00	\$14,720.00	\$451.67	\$14,453.33
210	Adjust Manhole	17.00	EA	\$800.00	\$13,600.00	\$620.00	\$10,540.00	\$720.00	\$12,240.00	\$676.00	\$11,492.00	\$672.00	\$11,424.00
211	Two Direction ADA Pedestrian Ramp	7.00	EA	\$4,500.00	\$31,500.00	\$4,190.00	\$29,330.00	\$4,100.00	\$28,700.00	\$4,550.00	\$31,850.00	\$4,280.00	\$29,960.00
212	One Direction ADA Pedestrian Ramp	17.00	EA	\$3,500.00	\$59,500.00	\$3,730.00	\$63,410.00	\$3,200.00	\$54,400.00	\$4,055.00	\$68,935.00	\$3,661.67	\$62,248.33
213	Paint Markings and Striping	1.00	LS	\$1,000.00	\$1,000.00	\$1,895.00	\$1,895.00	\$1,800.00	\$1,800.00	\$2,070.00	\$2,070.00	\$1,921.67	\$1,921.67
214	Remove and Dispose Large Diversion Structure	1.00	LS	\$1,500.00	\$1,500.00	\$2,860.00	\$2,860.00	\$3,500.00	\$3,500.00	\$3,310.00	\$3,310.00	\$3,223.33	\$3,223.33
215	60 Inch Manhole	2.00	EA	\$4,000.00	\$8,000.00	\$3,500.00	\$7,000.00	\$7,000.00	\$14,000.00	\$6,620.00	\$13,240.00	\$5,706.67	\$11,413.33
216	Remove and Dispose of Storm Drain Structure	6.00	EA	\$500.00	\$3,000.00	\$865.00	\$5,190.00	\$2,300.00	\$13,800.00	\$2,205.00	\$13,230.00	\$1,790.00	\$10,740.00
217	18 Inch CMP Pipe	10.00	LF	\$100.00	\$1,000.00	\$55.85	\$558.50	\$200.00	\$2,000.00	\$217.00	\$2,170.00	\$157.62	\$1,576.17
218	18 Inch CMP Coupling	1.00	EA	\$200.00	\$200.00	\$50.75	\$50.75	\$520.00	\$520.00	\$496.00	\$496.00	\$355.58	\$355.58
219	24 Inch HDPE Pipe	23.00	LF	\$110.00	\$2,530.00	\$58.50	\$1,345.50	\$230.00	\$5,290.00	\$248.00	\$5,704.00	\$178.83	\$4,113.17
220	24 Inch HDPE Coupling	2.00	EA	\$200.00	\$400.00	\$25.40	\$50.80	\$810.00	\$1,620.00	\$772.00	\$1,544.00	\$535.80	\$1,071.60
221	Cap Existing Pipe with Concrete	10.00	EA	\$100.00	\$1,000.00	\$255.00	\$2,550.00	\$350.00	\$3,500.00	\$331.00	\$3,310.00	\$312.00	\$3,120.00
222	Remove Existing Storm Drain Pipe	212.00	LF	\$25.00	\$5,300.00	\$23.90	\$5,066.80	\$70.00	\$14,840.00	\$74.50	\$15,794.00	\$56.13	\$11,900.27
223	Flared End Section	1.00	EA	\$500.00	\$500.00	\$660.00	\$660.00	\$1,200.00	\$1,200.00	\$1,215.00	\$1,215.00	\$1,025.00	\$1,025.00
224	Import Backfill Material	140.00	TON	\$40.00	\$5,600.00	\$15.50	\$2,170.00	\$29.00	\$4,060.00	\$27.50	\$3,850.00	\$24.00	\$3,360.00
225	Intersection Radius	1.00	EA	\$2,000.00	\$2,000.00	\$1,650.00	\$1,650.00	\$3,800.00	\$3,800.00	\$1,795.00	\$1,795.00	\$2,415.00	\$2,415.00
226	Remove Curb and Gutter	130.00	LF	\$11.50	\$1,495.00	\$13.70	\$1,781.00	\$31.00	\$4,030.00	\$15.00	\$1,950.00	\$19.90	\$2,587.00
227	24 Inch Curb and Gutter	170.00	LF	\$47.50	\$8,075.00	\$37.80	\$6,426.00	\$57.00	\$9,690.00	\$41.00	\$6,970.00	\$45.27	\$7,695.33
228	Valley Gutter	150.00	SF	\$21.00	\$3,150.00	\$19.55	\$2,932.50	\$16.00	\$2,400.00	\$21.00	\$3,150.00	\$18.85	\$2,827.50
229	6 Inch Driveway	60.00	SF	\$20.00	\$1,200.00	\$13.95	\$837.00	\$12.00	\$720.00	\$15.00	\$900.00	\$13.65	\$819.00
230	Pretreatment Inlet and Sump	1.00	EA	\$15,000.00	\$15,000.00	\$10,300.00	\$10,300.00	\$23,000.00	\$23,000.00	\$22,050.00	\$22,050.00	\$18,450.00	\$18,450.00
231	Mill New Asphalt Connection	1.00	LS	\$5,000.00	\$5,000.00	\$610.00	\$610.00	\$4,500.00	\$4,500.00	\$7,065.00	\$7,065.00	\$4,058.33	\$4,058.33

TOTAL BASE BID C - 200 NORTH

\$487,305.00

\$475,771.35

\$527,110.00

\$639,430.00

\$547,437.12

Base Bid D - 200 West

ITEM NO.	DESCRIPTION	QUANTITY	UNITS	Engineer's Estimate		Kilgore		Geneva Rock Products		Staker Parsons Companies		Average	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
300	Mobilization	1.00	LS	\$16,200.00	\$16,200.00	\$15,500.00	\$15,500.00	\$30,000.00	\$30,000.00	\$37,800.00	\$37,800.00	\$27,766.67	\$27,766.67
301	Traffic Control	1.00	LS	\$6,900.00	\$6,900.00	\$10,500.00	\$10,500.00	\$5,400.00	\$5,400.00	\$41,750.00	\$41,750.00	\$19,216.67	\$19,216.67
302	Storm Water Pollution Prevention Plan	1.00	LS	\$2,500.00	\$2,500.00	\$1,830.00	\$1,830.00	\$4,000.00	\$4,000.00	\$5,955.00	\$5,955.00	\$3,928.33	\$3,928.33
303	Tree Trimming	1.00	LS	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$1,600.00	\$1,600.00	\$3,245.00	\$3,245.00	\$1,648.33	\$1,648.33
304	Hot Mix Asphalt (3.5 Inch)	980.00	TON	\$75.00	\$73,500.00	\$69.40	\$68,012.00	\$73.00	\$71,540.00	\$92.00	\$90,160.00	\$78.13	\$76,570.67
305	Full Depth Reclamation (6 Inch)	780.00	CY	\$51.50	\$40,170.00	\$60.35	\$47,073.00	\$48.00	\$37,440.00	\$63.50	\$49,530.00	\$57.28	\$44,681.00
306	Roadway Excavation	100.00	CY	\$40.00	\$4,000.00	\$24.65	\$2,465.00	\$20.00	\$2,000.00	\$23.50	\$2,350.00	\$22.72	\$2,271.67
307	Granular Borrow	100.00	CY	\$40.00	\$4,000.00	\$42.60	\$4,260.00	\$38.00	\$3,800.00	\$36.00	\$3,600.00	\$38.87	\$3,886.67
308	Remove Excess Material	460.00	CY	\$23.00	\$10,580.00	\$24.40	\$11,224.00	\$32.00	\$14,720.00	\$15.50	\$7,130.00	\$23.97	\$11,024.67
309	Intersection Radius	1.00	EA	\$2,000.00	\$2,000.00	\$1,650.00	\$1,650.00	\$3,800.00	\$3,800.00	\$1,795.00	\$1,795.00	\$2,415.00	\$2,415.00
310	Adjust Monument Box	1.00	EA	\$1,500.00	\$1,500.00	\$660.00	\$660.00	\$580.00	\$580.00	\$541.00	\$541.00	\$593.67	\$593.67
311	Adjust Valve Box	10.00	EA	\$700.00	\$7,000.00	\$415.00	\$4,150.00	\$480.00	\$4,800.00	\$460.00	\$4,600.00	\$451.67	\$4,516.67
312	Adjust Manhole	4.00	EA	\$800.00	\$3,200.00	\$620.00	\$2,480.00	\$720.00	\$2,880.00	\$676.00	\$2,704.00	\$672.00	\$2,688.00
313	Catch Basin with Flat Grate	1.00	EA	\$3,200.00	\$3,200.00	\$3,530.00	\$3,530.00	\$5,800.00	\$5,800.00	\$6,570.00	\$6,570.00	\$5,300.00	\$5,300.00
314	15 Inch RCP	26.00	LF	\$100.00	\$2,600.00	\$39.35	\$1,023.10	\$460.00	\$11,960.00	\$497.00	\$12,922.00	\$332.12	\$8,635.03
315	One Direction ADA Pedestrian Ramp	1.00	EA	\$3,500.00	\$3,500.00	\$3,325.00	\$3,325.00	\$3,200.00	\$3,200.00	\$3,615.00	\$3,615.00	\$3,380.00	\$3,380.00
316	Two Direction ADA Pedestrian Ramp	2.00	EA	\$4,500.00	\$9,000.00	\$4,190.00	\$8,380.00	\$4,100.00	\$8,200.00	\$4,550.00	\$9,100.00	\$4,280.00	\$8,560.00
317	Paint Markings and Striping	1.00	LS	\$1,700.00	\$1,700.00	\$1,410.00	\$1,410.00	\$1,300.00	\$1,300.00	\$1,430.00	\$1,430.00	\$1,380.00	\$1,380.00
318	Remove Curb and Gutter	65.00	LF	\$11.50	\$747.50	\$15.00	\$975.00	\$30.00	\$1,950.00	\$16.50	\$1,072.50	\$20.50	\$1,332.50

319	30 Inch Curb and Gutter	65.00	LF	\$52.50	\$3,412.50	\$39.85	\$2,590.25	\$55.00	\$3,575.00	\$43.50	\$2,827.50	\$46.12	\$2,997.58
320	Remove and Dispose Valve Box and Collar	1.00	EA	\$300.00	\$300.00	\$430.00	\$430.00	\$300.00	\$300.00	\$1,620.00	\$1,620.00	\$783.33	\$783.33

TOTAL BASE BID D - 200 WEST

\$197,010.00

\$191,567.35

\$218,845.00

\$290,317.00 *

\$233,576.45

Base Bid E - 700 North

ITEM NO.	DESCRIPTION	QUANTITY	UNITS	Engineer's Estimate		Kilgore		Geneva Rock Products		Staker Parsons Companies		Average	
				UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
400	Mobilization	1.00	LS	\$65,300.00	\$65,300.00	\$67,600.00	\$67,600.00	\$83,000.00	\$83,000.00	\$37,800.00	\$37,800.00	\$62,800.00	\$62,800.00
401	Traffic Control	1.00	LS	\$38,000.00	\$38,000.00	\$29,500.00	\$29,500.00	\$45,000.00	\$45,000.00	\$82,500.00	\$82,500.00	\$52,333.33	\$52,333.33
402	Storm Water Pollution Prevention Plan	1.00	LS	\$12,500.00	\$12,500.00	\$4,140.00	\$4,140.00	\$4,100.00	\$4,100.00	\$5,995.00	\$5,995.00	\$4,745.00	\$4,745.00
403	Tree Trimming	1.00	LS	\$3,000.00	\$3,000.00	\$2,030.00	\$2,030.00	\$3,500.00	\$3,500.00	\$7,570.00	\$7,570.00	\$4,366.67	\$4,366.67
404	Hot Mix Asphalt	3860.00	TON	\$71.50	\$275,990.00	\$72.45	\$279,657.00	\$72.00	\$277,920.00	\$101.00	\$389,860.00	\$81.82	\$315,812.33
405	Untreated Base Course (12 Inch)	580.00	CY	\$45.00	\$26,100.00	\$46.85	\$27,173.00	\$36.00	\$20,880.00	\$37.00	\$21,460.00	\$39.95	\$23,171.00
406	Edge Mill	6980.00	SY	\$3.50	\$24,430.00	\$1.80	\$12,564.00	\$1.75	\$12,215.00	\$2.50	\$17,450.00	\$2.02	\$14,076.33
407	Heavy Duty Paving Fabric	22240.00	SY	\$2.00	\$44,480.00	\$1.40	\$31,136.00	\$1.88	\$41,811.20	\$1.00	\$22,240.00	\$1.43	\$31,729.07
408	Remove Asphalt	3160.00	SY	\$3.50	\$11,060.00	\$4.75	\$15,010.00	\$2.70	\$8,532.00	\$7.50	\$23,700.00	\$4.98	\$15,747.33
409	Roadway Excavation	470.00	CY	\$35.00	\$16,450.00	\$23.80	\$11,186.00	\$20.00	\$9,400.00	\$23.50	\$11,045.00	\$22.43	\$10,543.67
410	Granular Borrow	200.00	CY	\$40.00	\$8,000.00	\$45.85	\$9,170.00	\$37.00	\$7,400.00	\$37.00	\$7,400.00	\$39.95	\$7,990.00
411	HMA Leveling Course	70.00	TON	\$100.00	\$7,000.00	\$102.30	\$7,161.00	\$115.00	\$8,050.00	\$97.00	\$6,790.00	\$104.77	\$7,333.67
412	Intersection Radius	16.00	EA	\$2,000.00	\$32,000.00	\$1,650.00	\$26,400.00	\$3,800.00	\$60,800.00	\$1,795.00	\$28,720.00	\$2,415.00	\$38,640.00
413	Two Direction ADA Pedestrian Ramp	25.00	EA	\$4,500.00	\$112,500.00	\$4,190.00	\$104,750.00	\$4,100.00	\$102,500.00	\$4,550.00	\$113,750.00	\$4,280.00	\$107,000.00
414	One Direction ADA Pedestrian Ramp	12.00	EA	\$3,500.00	\$42,000.00	\$3,325.00	\$39,900.00	\$3,200.00	\$38,400.00	\$3,615.00	\$43,380.00	\$3,380.00	\$40,560.00
415	Adjust Valve Box	73.00	EA	\$700.00	\$51,100.00	\$415.00	\$30,295.00	\$480.00	\$35,040.00	\$454.00	\$33,142.00	\$449.67	\$32,825.67
416	Adjust Manhole	44.00	EA	\$800.00	\$35,200.00	\$620.00	\$27,280.00	\$720.00	\$31,680.00	\$670.00	\$29,480.00	\$670.00	\$29,480.00
417	Paint Markings and Striping	40.00	GAL	\$85.00	\$3,400.00	\$51.40	\$2,056.00	\$50.00	\$2,000.00	\$57.00	\$2,280.00	\$52.80	\$2,112.00
418	Pavement Messages	20.50	EA	\$400.00	\$8,200.00	\$130.00	\$2,665.00	\$130.00	\$2,665.00	\$150.00	\$3,075.00	\$136.67	\$2,801.67
419	24 inch Curb and Gutter	694.00	LF	\$47.50	\$32,965.00	\$37.85	\$26,267.90	\$35.00	\$24,290.00	\$41.00	\$28,454.00	\$37.95	\$26,337.30
420	Remove Curb and Gutter	275.00	LF	\$11.50	\$3,162.50	\$13.70	\$3,767.50	\$15.00	\$4,125.00	\$15.00	\$4,125.00	\$14.57	\$4,005.83
421	6 Inch Driveway	534.00	SF	\$18.50	\$9,879.00	\$13.95	\$7,449.30	\$9.00	\$4,806.00	\$15.00	\$8,010.00	\$12.65	\$6,755.10
422	4 Foot Sidewalk	1465.00	SF	\$16.00	\$23,440.00	\$12.70	\$18,605.50	\$7.00	\$10,255.00	\$14.00	\$20,510.00	\$11.23	\$16,456.83
423	Stamped Concrete	450.00	SF	\$30.00	\$13,500.00	\$23.60	\$10,620.00	\$12.00	\$5,400.00	\$25.50	\$11,475.00	\$20.37	\$9,165.00
424	Valley Gutter	480.00	SF	\$21.00	\$10,080.00	\$19.55	\$9,384.00	\$16.00	\$7,680.00	\$21.00	\$10,080.00	\$18.85	\$9,048.00
425	RRFB System	1.00	LS	\$14,000.00	\$14,000.00	\$9,250.00	\$9,250.00	\$10,000.00	\$10,000.00	\$22,650.00	\$22,650.00	\$13,966.67	\$13,966.67
426	Retaining Wall	500.00	SF	\$40.00	\$20,000.00	\$83.45	\$41,725.00	\$77.00	\$38,500.00	\$40.00	\$20,000.00	\$66.82	\$33,408.33
427	1 Inch Water Lateral Pipe (Trenchless)	765.00	LF	\$29.00	\$22,185.00	\$105.00	\$80,325.00	\$122.00	\$93,330.00	\$118.00	\$90,270.00	\$115.00	\$87,975.00
428	Water Service Connection	35.00	EA	\$1,400.00	\$49,000.00	\$1,650.00	\$57,750.00	\$2,200.00	\$77,000.00	\$1,865.00	\$65,275.00	\$1,905.00	\$66,675.00
429	Hot Tap Connection	11.00	EA	\$2,750.00	\$30,250.00	\$2,270.00	\$24,970.00	\$7,000.00	\$77,000.00	\$6,620.00	\$72,820.00	\$5,296.67	\$58,263.33
430	12 Inch PVC C-900 DR-18 Pipe	75.00	LF	\$80.00	\$6,000.00	\$45.45	\$3,408.75	\$200.00	\$15,000.00	\$168.00	\$12,600.00	\$137.82	\$10,336.25
431	12 x 8 Inch Reducer	1.00	EA	\$900.00	\$900.00	\$610.00	\$610.00	\$1,000.00	\$1,000.00	\$938.00	\$938.00	\$849.33	\$849.33
432	12 Inch 22.5 Degree Bend	1.00	EA	\$900.00	\$900.00	\$610.00	\$610.00	\$1,400.00	\$1,400.00	\$1,325.00	\$1,325.00	\$1,111.67	\$1,111.67
433	12 Inch Cut and Cap	2.00	EA	\$750.00	\$1,500.00	\$610.00	\$1,220.00	\$1,500.00	\$3,000.00	\$1,215.00	\$2,430.00	\$1,108.33	\$2,216.67
434	10 Inch Gate Valve	1.00	EA	\$2,900.00	\$2,900.00	\$2,185.00	\$2,185.00	\$3,300.00	\$3,300.00	\$3,995.00	\$3,995.00	\$3,160.00	\$3,160.00
435	10 Inch Cut and Cap	1.00	EA	\$700.00	\$700.00	\$560.00	\$560.00	\$2,100.00	\$2,100.00	\$1,655.00	\$1,655.00	\$1,438.33	\$1,438.33
436	10 Inch PVC C-900 DR-18 Pipe	25.00	LF	\$85.00	\$2,125.00	\$39.75	\$993.75	\$235.00	\$5,875.00	\$199.00	\$4,975.00	\$157.92	\$3,947.92
437	8 Inch PVC C-900 DR-18 Pipe	585.00	LF	\$62.50	\$36,562.50	\$30.35	\$17,754.75	\$180.00	\$105,300.00	\$174.00	\$101,790.00	\$128.12	\$74,948.25
438	8 Inch Gate Valve	36.00	EA	\$1,950.00	\$70,200.00	\$1,780.00	\$64,080.00	\$3,500.00	\$126,000.00	\$4,245.00	\$152,820.00	\$3,175.00	\$114,300.00
439	8 x 8 Inch Tee	4.00	EA	\$1,100.00	\$4,400.00	\$840.00	\$3,360.00	\$4,100.00	\$16,400.00	\$3,860.00	\$15,440.00	\$2,933.33	\$11,733.33
440	8 Inch Long Sleeve	29.00	EA	\$700.00	\$20,300.00	\$610.00	\$17,690.00	\$930.00	\$26,970.00	\$882.00	\$25,578.00	\$807.33	\$23,412.67
441	8 x 6 Inch Reducer	5.00	EA	\$700.00	\$3,500.00	\$610.00	\$3,050.00	\$810.00	\$4,050.00	\$772.00	\$3,860.00	\$730.67	\$3,653.33
442	8 x 4 Inch Reducer	2.00	EA	\$600.00	\$1,200.00	\$610.00	\$1,220.00	\$810.00	\$1,620.00	\$772.00	\$1,544.00	\$730.67	\$1,461.33
443	8 Inch 45 Degree Bend	28.00	EA	\$850.00	\$23,800.00	\$865.00	\$24,220.00	\$1,200.00	\$33,600.00	\$1,105.00	\$30,940.00	\$1,056.67	\$29,586.67
444	8 Inch 11.25 Degree Bend	1.00	EA	\$850.00	\$850.00	\$610.00	\$610.00	\$1,200.00	\$1,200.00	\$1,105.00	\$1,105.00	\$971.67	\$971.67
445	8 Inch Blind Flange	4.00	EA	\$550.00	\$2,200.00	\$610.00	\$2,440.00	\$950.00	\$3,800.00	\$882.00	\$3,528.00	\$814.00	\$3,256.00
446	8 Inch Cut and Cap	14.00	EA	\$600.00	\$8,400.00	\$560.00	\$7,840.00	\$1,800.00	\$25,200.00	\$1,325.00	\$18,550.00	\$1,228.33	\$17,196.67
447	6 Inch 45 Degree Bend	10.00	EA	\$750.00	\$7,500.00	\$535.00	\$5,350.00	\$1,100.00	\$11,000.00	\$993.00	\$9,930.00	\$876.00	\$8,760.00
448	6 Inch PVC C-900 DR-18 Pipe	100.00	LF	\$60.00	\$6,000.00	\$26.75	\$2,675.00	\$180.00	\$18,000.00	\$149.00	\$14,900.00	\$118.58	\$11,858.33
449	6 Inch Gate Valve	7.00	EA	\$1,700.00	\$11,900.00	\$1,450.00	\$10,150.00	\$1,800.00	\$12,600.00	\$2,380.00	\$16,660.00	\$1,876.67	\$13,136.67
450	6 Inch Long Sleeve	12.00	EA	\$550.00	\$6,600.00	\$560.00	\$6,720.00	\$810.00	\$9,720.00	\$772.00	\$9,264.00	\$714.00	\$8,568.00
451	6 Inch Cut and Cap	6.00	EA	\$600.00	\$3,600.00	\$430.00	\$2,580.00	\$2,000.00	\$12,000.00	\$1,545.00	\$9,270.00	\$1,325.00	\$7,950.00
452	Remove Existing Water Valve Box	18.00	EA	\$350.00	\$6,300.00	\$280.00	\$5,040.00	\$250.00	\$4,500.00	\$1,105.00	\$19,890.00	\$545.00	\$9,810.00
453	Remove Existing Cross	4.00	EA	\$1,100.00	\$4,400.00	\$330.00	\$1,320.00	\$2,100.00	\$8,400.00	\$1,655.00	\$6,620.00	\$1,361.67	\$5,446.67

454	4 Inch Cut and Cap	10.00	EA	\$500.00	\$5,000.00	\$420.00	\$4,200.00	\$2,000.00	\$20,000.00	\$1,545.00	\$15,450.00	\$1,321.67	\$13,216.67
455	4 Inch 45 Degree Bend	4.00	EA	\$700.00	\$2,800.00	\$480.00	\$1,920.00	\$930.00	\$3,720.00	\$882.00	\$3,528.00	\$764.00	\$3,056.00
456	4 Inch PVC C-900 DR-18 Pipe	20.00	LF	\$60.00	\$1,200.00	\$26.90	\$538.00	\$180.00	\$3,600.00	\$149.00	\$2,980.00	\$118.63	\$2,372.67
457	4 Inch Long Sleeve	2.00	EA	\$500.00	\$1,000.00	\$525.00	\$1,050.00	\$700.00	\$1,400.00	\$662.00	\$1,324.00	\$629.00	\$1,258.00
458	Remove Existing 4 Inch Ductile Iron Pipe	20.00	LF	\$50.00	\$1,000.00	\$43.15	\$863.00	\$70.00	\$1,400.00	\$66.00	\$1,320.00	\$59.72	\$1,194.33
459	Remove Existing Tee	2.00	EA	\$1,100.00	\$2,200.00	\$330.00	\$660.00	\$1,500.00	\$3,000.00	\$1,435.00	\$2,870.00	\$1,088.33	\$2,176.67
460	4 Inch Blind Flange	1.00	EA	\$500.00	\$500.00	\$420.00	\$420.00	\$800.00	\$800.00	\$772.00	\$772.00	\$664.00	\$664.00
461	Verify Service by Pothole	29.00	EA	\$600.00	\$17,400.00	\$330.00	\$9,570.00	\$700.00	\$20,300.00	\$662.00	\$19,198.00	\$564.00	\$16,356.00
462	Import Backfill	560.00	CY	\$22.00	\$12,320.00	\$15.50	\$8,680.00	\$54.00	\$30,240.00	\$50.50	\$28,280.00	\$40.00	\$22,400.00
463	Owner's Contingency	1.00	LS	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00

TOTAL BASE BID E - 700 NORTH				\$1,371,329.00	\$1,283,375.45	\$1,733,774.20	\$1,836,635.00	\$1,617,928.22
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Additive Alternate #1				Engineer's Estimate		Kilgore		Geneva Rock Products		Staker Parsons Companies		Average	
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
500	1 Inch Water Lateral Pipe (Open Trench)		LF	\$31.00	--	\$53.55	--	\$200.00	--	\$225.00	--	\$159.52	--
501	Setter		EA	\$500.00	--	\$990.00	--	\$1,800.00	--	\$1,765.00	--	\$1,518.33	--
502	Plus or Minus Cement Content		CY	\$250.00	--	\$255.00	--	\$140.00	--	\$300.00	--	\$231.67	--
503	Pulverized Lateral Repair and Reconnect		EA	\$650.00	--	\$3,730.00	--	\$950.00	--	\$882.00	--	\$1,854.00	--
504	12 Inch Line Stop		EA	\$6,000.00	--	\$12,600.00	--	\$17,000.00	--	\$16,200.00	--	\$15,266.67	--
505	10 Inch Line Stop		EA	\$5,500.00	--	\$10,900.00	--	\$16,000.00	--	\$14,400.00	--	\$13,766.67	--
506	8 Inch Line Stop		EA	\$5,000.00	--	\$9,000.00	--	\$13,000.00	--	\$12,450.00	--	\$11,483.33	--
507	6 Inch Line Stop		EA	\$4,500.00	--	\$7,300.00	--	\$11,000.00	--	\$10,650.00	--	\$9,650.00	--
508	4 Inch Line Stop		EA	\$4,000.00	--	\$5,900.00	--	\$9,000.00	--	\$8,900.00	--	\$7,933.33	--

TOTAL ADDITIVE ALERNATE #1				--	--	--	--	--	--
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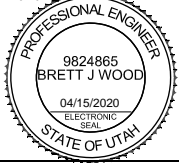
Additive Alternate #2				Engineer's Estimate		Kilgore		Geneva Rock Products		Staker Parsons Companies		Average	
ITEM NO.	DESCRIPTION	QUANTITY	UNITS	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
600	Mobilization	1.00	LS	\$15,900.00	\$15,900.00	\$3,850.00	\$3,850.00	\$13,000.00	\$13,000.00	\$35,700.00	\$35,700.00	\$17,516.67	\$17,516.67
601	Traffic Control	1.00	LS	\$10,400.00	\$10,400.00	\$7,400.00	\$7,400.00	\$4,500.00	\$4,500.00	\$22,850.00	\$22,850.00	\$11,583.33	\$11,583.33
602	8 Inch PVC C-900 DR-18 Pipe	640.00	LF	\$65.00	\$41,600.00	\$30.35	\$19,424.00	\$130.00	\$83,200.00	\$105.00	\$67,200.00	\$88.45	\$56,608.00
603	1 Inch Water Lateral Pipe (Trenchless)	105.00	LF	\$35.00	\$3,675.00	\$105.00	\$11,025.00	\$110.00	\$11,550.00	\$105.00	\$11,025.00	\$106.67	\$11,200.00
604	Water Service Connection	3.00	EA	\$1,400.00	\$4,200.00	\$1,650.00	\$4,950.00	\$1,800.00	\$5,400.00	\$1,655.00	\$4,965.00	\$1,701.67	\$5,105.00
605	8 Inch Gate Valve	1.00	EA	\$1,900.00	\$1,900.00	\$1,780.00	\$1,780.00	\$3,500.00	\$3,500.00	\$4,245.00	\$4,245.00	\$3,175.00	\$3,175.00
606	8 x 8 Inch Tee	1.00	EA	\$1,000.00	\$1,000.00	\$840.00	\$840.00	\$4,100.00	\$4,100.00	\$3,860.00	\$3,860.00	\$2,933.33	\$2,933.33
607	8 Inch Long Sleeve	1.00	EA	\$600.00	\$600.00	\$610.00	\$610.00	\$950.00	\$950.00	\$882.00	\$882.00	\$814.00	\$814.00
608	8 Inch Cap	2.00	EA	\$500.00	\$1,000.00	\$560.00	\$1,120.00	\$1,500.00	\$3,000.00	\$1,435.00	\$2,870.00	\$1,165.00	\$2,330.00
609	Fire Hydrant	1.00	EA	\$5,750.00	\$5,750.00	\$4,925.00	\$4,925.00	\$9,300.00	\$9,300.00	\$8,825.00	\$8,825.00	\$7,683.33	\$7,683.33
610	Import Backfill (100%)	285.00	TON	\$18.00	\$5,130.00	\$15.50	\$4,417.50	\$29.00	\$8,265.00	\$27.50	\$7,837.50	\$24.00	\$6,840.00
611	2 Inch Stabilization Rock	25.00	TON	\$22.00	\$550.00	\$19.20	\$480.00	\$41.00	\$1,025.00	\$38.50	\$962.50	\$32.90	\$822.50
612	Untreated Base Course (8 Inch)	90.00	CY	\$45.00	\$4,050.00	\$17.75	\$1,597.50	\$44.00	\$3,960.00	\$42.00	\$3,780.00	\$34.58	\$3,112.50

TOTAL ADDITIVE ALTERNATE #2				\$95,755.00	\$62,419.00	\$151,750.00	\$175,002.00	\$129,723.67
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TOTAL BID				\$2,510,534.00	\$2,326,246.15	\$2,986,624.20	\$3,381,379.00	\$2,898,083.12
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* Denotes a mathematical error

I hereby certify that this is a true and correct Bid Tabulation for the
FY 2020 Pavement Rehabilitation Project



Brett Wood, P.E.