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**TOWN COUNCIL SPECIAL MEETING AGENDA
THURSDAY, JUNE 9, 2016
Town Hall Council Chambers
551 Hot Springs Blvd
5:30 p.m.**

- I. CALL MEETING TO ORDER**
- II. NEW BUSINESS**
 - 1. Approving Bids for South 8th Street Construction Project**
 - 2. Directing Staff for Financing of South 8th Street Project**
- III. NEXT TOWN COUNCIL MEETING JUNE 23, 2016**
- IV. ADJOURNMENT**

**Don Volger
Mayor**



AGENDA DOCUMENTATION

NEW BUSINESS:II.1

TOWN COUNCIL

JUNE 9, 2016

FROM: GREG SCHULTE, TOWN MANAGER
JAMES DICKHOFF, PLANNING DIRECTOR
SCOTT LEWANDOWSKI, PROJECTS MANAGER

PROJECT: SOUTH 8TH STREET BID SELECTION

ACTION: DISCUSSION AND POSSIBLE DECISION

PURPOSE/BACKGROUND

Over the last year and half, staff has been working with geotechnical experts, Davis Engineering and the general public to provide Council with a scope of work for the South 8th Street project. South 8th Street was originally to be resurfaced with asphalt in 2015, however, geo-technical testing results identified the base of the roadway was not sufficient to accommodate the life span of a new asphalt layer, 20 + years.

Repaving only

If Council elected only to repave the South 8th Street corridor, it would be approximately \$600,000.00. This includes the concrete intersection at Piedra Street, but does not include correcting any drainage or excavation and replacement of the base course. If the council elected to pave the concrete intersection at Piedra Street and do the drainage corrections and base re-building/re-shaping it will cost upwards of \$800,000.00. It's also important to point out that repaving will pave areas not needed, for example the 400 and 500 block where parking is not needed and 10 feet wide of pavement is not used. There would also be a loss of landscape strip between curb and trail.

Reconstruction

In order to address the road base concerns, discussions over the last six months have been directed towards the reconstruction of South 8th Street. After receiving ample public input and Council direction in regards to the project, Davis Engineering spent the last two months designing the project in accordance to Sample Project C cross section, attached for Council's consideration. Sample Project C cross section includes a multi-use trail on the west side of the street, allowing parking on the east side of the 200 and 300 blocks only, maintaining the east side sidewalk/curb/gutter, completing the Piedra Street intersection connection, and providing traffic calming to slow traffic down.

Reconstruction bid process

Staff and Davis Engineering recently went out to bid for the reconstruction project, where there was a base bid along with five potential additive items. Additive 1 is the shared use path, Additive 2 is street lighting, Additive 3 is 100 block east sidewalk, Additive 4 is the Hwy 160 modifications and Additive 5 is the South side of Piedra Street. The solicitation resulted in four bids which are illustrated in Table 1.

South Eighth Street	Base Bid	Additive # 1	Additive #2	Additive #3	Additive #4	Additive #5	Total
Engineers Estimate	\$1,168,915.50	\$192,669.00	\$152,280.00	\$102,402.50	\$39,956.00	\$31,153.50	\$1,687,376.50
Engineering Costs	\$109,460.40	\$47,061.00	\$4,914.00	\$5,964.00	\$3,906.00	\$4,431.00	\$175,736.40
Bidders							
Cooley and Sons	\$1,163,584.50	\$208,580.00	\$200,910.00	\$149,112.75	\$50,367.50	\$36,809.50	\$1,809,364.25
Russell Sand and Gravel	\$1,240,552.50	\$160,235.50	\$206,100.00	\$105,815.00	\$70,436.00	\$35,288.00	\$1,818,427.00
Four Corners Materials	\$1,427,910.05	\$247,162.00	\$250,837.50	\$144,445.35	\$62,679.10	\$44,966.00	\$2,178,000.00
Cross Fire LLC	\$1,556,750.63	\$199,010.76	\$254,820.00	\$111,010.93	\$50,617.00	\$37,369.00	\$2,209,578.32

Base Bid

The Base Bid would include the following:

- Rebuild and reshape road base according to geo-technical recommendation
- Use of existing east side curb and gutter and adding new curb and gutter on the west side
- New corner bump outs along 200 and 300 blocks to define the parking isle
- Define west roadway edge in 500 block
- Define parking on east side in 300 and 400 blocks only. There would be no parking on 100, 400 and 500 blocks.
- Include concrete intersection at Piedra Street
- Constructed over two seasons which will enable splitting expenses into two fiscal years

Additive Items

Council should take into consideration what the additives provide the project and how they add to the overall built environment. Staff recommends that the Council select additives to be done in their entirety or not at all. Future additions of additives will only drive up costs in the long run. The only exception to that rule is additive #2 street lighting where the conduit and or the light bases can be done at this time and the light standards can be done later on.

Additive bid #1: Shared use path

The path would be a positive investment for pedestrians and cyclists on this major Town thoroughfare. The inclusion of the path now with the scope of the project, is much more cost effective that adding later. The addition of the trail later on will double the engineers trail construction estimate due to need for retaining walls and side street crossings.

Additive bid #2: Street Lighting

As street or sidewalk projects occur, the town has typically included new street lights as an added element of safety for path users. At the very least, the conduit should be included if the trail is constructed.

Additive bid #3: 100 Block East sidewalk

This improvement would correct a major pedestrian safety issue and provide connectivity to the 8th Street lighted intersection, one of the safest Hwy 160 pedestrian crossings in town. There is merit in considering to defer this alternative in favor of a more comprehensive future project that would include a new location for the grocery store entrance, 75 feet further south, however, since we will be mobilized on S. 8th Street, now is a great time to correct a fairly major pedestrian safety concern.

Additive bid #4: US Highway 160 and 8th Street Modifications

This improvement will help the flow of traffic from east bound Hwy 160 onto S. 8th Street. The current condition requires vehicles to slow down to almost a stop in the drive lane before making the turn onto S. 8th Street.

Additive bid #5: South side of Piedra Street

This improvement would provide a sidewalk along the south side of Piedra Street between the Archuleta County Housing apartments alley and 8th Street, which would correct a pedestrian safety and drainage issues. Currently, children walk in the street to catch the bus at 8th and Piedra St.

ATTACHMENT(S)

Sample Project C

Estimate to repave existing footprint

Bid Summary Exhibit

Base Bid Schedule and Additives

FISCAL IMPACT

To date, the Town has spent roughly \$ 58,700 on design and engineering for the South 8th Street project. It will occur an additional \$175,436.70 for design and engineering costs on top of the overall project cost.

The financing component of this project is addressed in the 2nd report for this meeting.

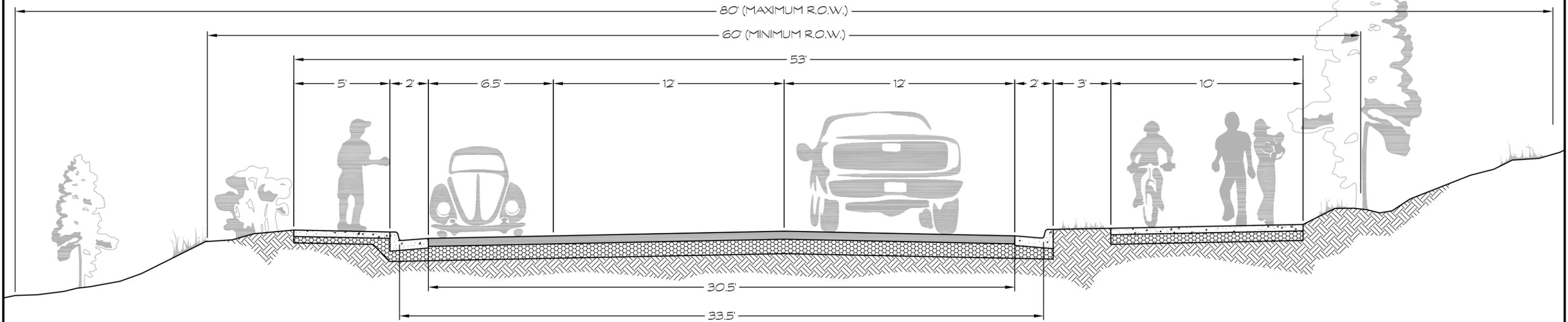
RECOMMENDATION

Possible actions by Council include:

- 1) Move to approve repavement of South 8th Street only.
- 2) Move to approve the selection of the Base Bid items for the reconstruction of South 8th Street and authorize the Town Manager to execute contract documents with the lowest qualified bidder.
- 3) Furthermore, move to approve the addition of the following Additive Bid Items to the Base Bid:
 - Additive Bid #1: Shared use path
 - Additive Bid #2: Street Lighting in its entirety
 - A.) Additive Bid #2(a): Conduit, bases, and pull boxes only
 - Additive Bid #3: 100 Block East sidewalk
 - Additive Bid #4: US Highway 160 and 8th Street Modifications
 - Additive Bid #5: South Side of Piedra Street

SAMPLE PROJECT C (200 & 300 BLOCKS) - SHOWN WITHOUT STREET LIGHTS

- Two Travel Lanes
- One Parking Lane (East Side)
- Two Curbs & Gutters
- One Sidewalk (East Side)
- One Parkway (West Side)
- One Multi-Use Trail (West Side)



South 8th Street - Estimate to Repave Existing Footprint

June 7, 2016

Repave Existing Footprint

Item #	Item Description	Quantity	Units	Engineer's Estimate		Cooley & Sons		Russell Sand & Gravel		Four Corners Materials		Crossfire	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1a	Clearing & Grubbing		l.s.	2,000.00	0.00	5,500.00	0.00	5,000.00	0.00	590.00	0.00	4,509.50	0.00
1b	Topsoil Removal & Replacement		l.s.	2,000.00	0.00	8,500.00	0.00	3,000.00	0.00	4,094.00	0.00	6,341.41	0.00
3a	Excavation & Embankment		c.y.	15.00	0.00	20.00	0.00	15.00	0.00	22.00	0.00	28.39	0.00
3b	Excavation & Removal - Other	3,490	c.y.	15.00	52,350.00	18.00	62,820.00	10.00	34,900.00	23.00	80,270.00	14.12	49,278.80
3c	Removal - Curb & Gutter, Valley Gutter		l.f.	4.00	0.00	5.00	0.00	8.00	0.00	3.48	0.00	3.15	0.00
3d	Removal - Concrete Slab		s.f.	2.00	0.00	1.75	0.00	5.00	0.00	1.45	0.00	2.13	0.00
3e	Removal - Concrete Paving - Roadway		s.f.	5.00	0.00	3.00	0.00	12.00	0.00	2.90	0.00	3.59	0.00
3f	Removal - Culverts		l.f.	15.00	0.00	8.00	0.00	10.00	0.00	25.00	0.00	10.89	0.00
3g	Subgrade Preparation, Roadway	11,105	s.y.	2.50	27,762.50	2.00	22,210.00	1.50	16,657.50	2.45	27,207.25	1.23	13,659.15
3h	Subgrade Preparation, Other		s.y.	2.00	0.00	2.00	0.00	2.00	0.00	15.55	0.00	5.56	0.00
4a	Aggregate Base Course, Class 6, 8th St.	1,850	c.y.	40.00	74,000.00	40.00	74,000.00	54.00	99,900.00	48.50	89,725.00	36.44	67,414.00
4b	Aggregate Base Course, Class 6, Other		c.y.	45.00	0.00	40.00	0.00	56.00	0.00	86.50	0.00	49.01	0.00
5a	Asphalt Paving, 5" thick	2,696	ton	120.00	323,520.00	140.00	377,440.00	140.00	377,440.00	133.00	358,568.00	164.94	444,678.24
5b	Asphalt Paving, 3" thick		ton	140.00	0.00	145.00	0.00	144.00	0.00	218.00	0.00	185.82	0.00
6	Concrete Paving, 8.5" thick	915	s.y.	130.00	118,950.00	122.00	111,630.00	70.00	64,050.00	130.00	118,950.00	170.66	156,153.90
7a	Concrete Sidewalk, 4" thick		s.f.	6.50	0.00	8.00	0.00	4.00	0.00	8.55	0.00	18.37	0.00
7b	Concrete Driveway Apron, 6" thick		s.f.	8.50	0.00	7.75	0.00	6.00	0.00	8.40	0.00	10.63	0.00
7c	Concrete Curb & Gutter (6" curb, 18" pan)		l.f.	28.50	0.00	30.75	0.00	24.00	0.00	33.35	0.00	39.58	0.00
7e	Concrete Driveway Gutter (6" curb, 18" pan)		l.f.	30.00	0.00	30.75	0.00	22.00	0.00	33.35	0.00	41.38	0.00
7g	Concrete Valley Gutter		s.f.	10.00	0.00	10.25	0.00	10.00	0.00	9.60	0.00	14.84	0.00
8	Inlet w/ frame & grate		ea	2,500.00	0.00	3,900.00	0.00	4,000.00	0.00	4,267.00	0.00	2,617.48	0.00
9a	CMP, 12" Dia.		l.f.	36.00	0.00	50.00	0.00	60.00	0.00	103.00	0.00	60.57	0.00
9b	CMP, 15" Dia.		l.f.	45.00	0.00	52.00	0.00	70.00	0.00	110.00	0.00	47.60	0.00
9c	CMP, 18" Dia.		l.f.	54.00	0.00	55.00	0.00	80.00	0.00	118.00	0.00	40.82	0.00
9d	CMP, 24" Dia.		l.f.	72.00	0.00	60.00	0.00	90.00	0.00	78.00	0.00	64.01	0.00
9e	RCP, 24" Dia.		l.f.	200.00	0.00	350.00	0.00	100.00	0.00	700.00	0.00	338.69	0.00
9f	Metal End Section, 18" Dia.		ea.	450.00	0.00	450.00	0.00	600.00	0.00	310.00	0.00	257.63	0.00
9g	Metal End Section, 24" Dia.		ea.	600.00	0.00	500.00	0.00	600.00	0.00	355.00	0.00	301.50	0.00
10	Riprap		c.y.	100.00	0.00	125.00	0.00	150.00	0.00	230.00	0.00	185.18	0.00
11a	Manhole Elev. Adj. & Concrete Collar	6	ea.	1,000.00	6,000.00	275.00	1,650.00	1,000.00	6,000.00	656.00	3,936.00	702.18	4,213.08
11b	Manhole Cone Replacement		ea.	1,500.00	0.00	1,500.00	0.00	2,500.00	0.00	6,000.00	0.00	3,586.36	0.00
11c	Sewer Service Line Replacement	3	ea.	1,000.00	3,000.00	1,250.00	3,750.00	1,000.00	3,000.00	2,400.00	7,200.00	919.96	2,759.88
11d	Valve Box Elev. Adj. & Concrete Collar	7	ea.	500.00	3,500.00	325.00	2,275.00	500.00	3,500.00	664.00	4,648.00	400.44	2,803.08
12a	Subgrade Stabilization, Aggregate	450	c.y.	50.00	22,500.00	50.00	22,500.00	75.00	33,750.00	69.00	31,050.00	33.51	15,079.50
13a	Subgrade Stabilization, Geogrid	1,350	s.y.	4.00	5,400.00	5.00	6,750.00	5.00	6,750.00	2.20	2,970.00	4.76	6,426.00
13b	Geogrid, Tensar TriAx TX5	9,641	s.y.	4.00	38,564.00	6.00	57,846.00	5.00	48,205.00	3.40	32,779.40	2.83	27,284.03
14a	Seeding & Fertilizing		s.y.	2.00	0.00	2.00	0.00	3.00	0.00	0.50	0.00	4.82	0.00
14b	Fibermat		s.y.	5.00	0.00	4.50	0.00	5.00	0.00	3.80	0.00	4.02	0.00
15a	Construction Fence	500	l.f.	4.00	2,000.00	8.50	4,250.00	2.00	1,000.00	3.40	1,700.00	2.30	1,150.00
15b	Straw Wattles	500	l.f.	6.00	3,000.00	6.00	3,000.00	5.00	2,500.00	3.20	1,600.00	6.79	3,395.00
15c	Silt Fence	200	l.f.	5.00	1,000.00	6.50	1,300.00	3.00	600.00	2.10	420.00	3.79	758.00
15d	Erosion Control Supervisor	1	l.s.	2,500.00	2,500.00	2,500.00	2,500.00	10,000.00	10,000.00	4,160.00	4,160.00	6,749.68	6,749.68
16a	Pavement Marking, White Epoxy	20	gal.	400.00	8,000.00	110.00	2,200.00	300.00	6,000.00	226.00	4,520.00	559.12	11,182.40
16b	Pavement Marking, Yellow Epoxy	18	gal.	400.00	7,200.00	110.00	1,980.00	100.00	1,800.00	76.00	1,368.00	422.45	7,604.10
17	Traffic Control Signs	17	ea	500.00	8,500.00	500.00	8,500.00	500.00	8,500.00	515.00	8,755.00	567.74	9,651.58
18	Maintenance of Traffic	1	l.s.	75,000.00	75,000.00	30,000.00	30,000.00	25,000.00	25,000.00	25,980.00	25,980.00	116,129.03	116,129.03
19	Mobilization & Demobilization	1	l.s.	75,000.00	75,000.00	50,000.00	50,000.00	150,000.00	150,000.00	193,265.38	193,265.38	185,639.85	185,639.85
Repave Ex Footprint Sub-Total				\$857,746.50		\$846,601.00		\$899,552.50		\$999,072.03		\$1,132,009.30	
Contingency @ 10%				\$85,774.65		\$84,660.10		\$89,955.25		\$99,907.20		\$113,200.93	
Engineering @ 10%				\$85,774.65		\$84,660.10		\$89,955.25		\$99,907.20		\$113,200.93	
Repave Ex Footprint Project Total				\$1,029,295.80		\$1,015,921.20		\$1,079,463.00		\$1,198,886.44		\$1,358,411.16	

South 8th Street - Estimate to Repave Existing Footprint W/ Drainage Improvements

June 7, 2016

Repave Existing Footprint w/ Drainage Improvements

Item #	Item Description	Quantity	Units	Engineer's Estimate		Cooley & Sons		Russell Sand & Gravel		Four Corners Materials		Crossfire	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1a	Clearing & Grubbing		l.s.	2,000.00	0.00	5,500.00	0.00	5,000.00	0.00	590.00	0.00	4,509.50	0.00
1b	Topsoil Removal & Replacement		l.s.	2,000.00	0.00	8,500.00	0.00	3,000.00	0.00	4,094.00	0.00	6,341.41	0.00
3a	Excavation & Embankment		c.y.	15.00	0.00	20.00	0.00	15.00	0.00	22.00	0.00	28.39	0.00
3b	Excavation & Removal - Other	3,490	c.y.	15.00	52,350.00	18.00	62,820.00	10.00	34,900.00	23.00	80,270.00	14.12	49,278.80
3c	Removal - Curb & Gutter, Valley Gutter		l.f.	4.00	0.00	5.00	0.00	8.00	0.00	3.48	0.00	3.15	0.00
3d	Removal - Concrete Slab		s.f.	2.00	0.00	1.75	0.00	5.00	0.00	1.45	0.00	2.13	0.00
3e	Removal - Concrete Paving - Roadway		s.f.	5.00	0.00	3.00	0.00	12.00	0.00	2.90	0.00	3.59	0.00
3f	Removal - Culverts	524	l.f.	15.00	7,860.00	8.00	4,192.00	10.00	5,240.00	25.00	13,100.00	10.89	5,706.36
3g	Subgrade Preparation, Roadway	11,105	s.y.	2.50	27,762.50	2.00	22,210.00	1.50	16,657.50	2.45	27,207.25	1.23	13,659.15
3h	Subgrade Preparation, Other		s.y.	2.00	0.00	2.00	0.00	2.00	0.00	15.55	0.00	5.56	0.00
4a	Aggregate Base Course, Class 6, 8th St.	1,850	c.y.	40.00	74,000.00	40.00	74,000.00	54.00	99,900.00	48.50	89,725.00	36.44	67,414.00
4b	Aggregate Base Course, Class 6, Other		c.y.	45.00	0.00	40.00	0.00	56.00	0.00	86.50	0.00	49.01	0.00
5a	Asphalt Paving, 5" thick	2,696	ton	120.00	323,520.00	140.00	377,440.00	140.00	377,440.00	133.00	358,568.00	164.94	444,678.24
5b	Asphalt Paving, 3" thick		ton	140.00	0.00	145.00	0.00	144.00	0.00	218.00	0.00	185.82	0.00
6	Concrete Paving, 8.5" thick	915	s.y.	130.00	118,950.00	122.00	111,630.00	70.00	64,050.00	130.00	118,950.00	170.66	156,153.90
7a	Concrete Sidewalk, 4" thick		s.f.	6.50	0.00	8.00	0.00	4.00	0.00	8.55	0.00	18.37	0.00
7b	Concrete Driveway Apron, 6" thick		s.f.	8.50	0.00	7.75	0.00	6.00	0.00	8.40	0.00	10.63	0.00
7c	Concrete Curb & Gutter (6" curb, 18" pan)		l.f.	28.50	0.00	30.75	0.00	24.00	0.00	33.35	0.00	39.58	0.00
7e	Concrete Driveway Gutter (6" curb, 18" pan)		l.f.	30.00	0.00	30.75	0.00	22.00	0.00	33.35	0.00	41.38	0.00
7g	Concrete Valley Gutter		s.f.	10.00	0.00	10.25	0.00	10.00	0.00	9.60	0.00	14.84	0.00
8	Inlet w/ frame & grate	8	ea	2,500.00	20,000.00	3,900.00	31,200.00	4,000.00	32,000.00	4,267.00	34,136.00	2,617.48	20,939.84
9a	CMP, 12" Dia.	104	l.f.	36.00	3,744.00	50.00	5,200.00	60.00	6,240.00	103.00	10,712.00	60.57	6,299.28
9b	CMP, 15" Dia.	65	l.f.	45.00	2,925.00	52.00	3,380.00	70.00	4,550.00	110.00	7,150.00	47.60	3,094.00
9c	CMP, 18" Dia.	216	l.f.	54.00	11,664.00	55.00	11,880.00	80.00	17,280.00	118.00	25,488.00	40.82	8,817.12
9d	CMP, 24" Dia.	100	l.f.	72.00	7,200.00	60.00	6,000.00	90.00	9,000.00	78.00	7,800.00	64.01	6,401.00
9e	RCP, 24" Dia.	8	l.f.	200.00	1,600.00	350.00	2,800.00	100.00	800.00	700.00	5,600.00	338.69	2,709.52
9f	Metal End Section, 18" Dia.	2	ea.	450.00	900.00	450.00	900.00	600.00	1,200.00	310.00	620.00	257.63	515.26
9g	Metal End Section, 24" Dia.	2	ea.	600.00	1,200.00	500.00	1,000.00	600.00	1,200.00	355.00	710.00	301.50	603.00
10	Riprap	20	c.y.	100.00	2,000.00	125.00	2,500.00	150.00	3,000.00	230.00	4,600.00	185.18	3,703.60
11a	Manhole Elev. Adj. & Concrete Collar	6	ea.	1,000.00	6,000.00	275.00	1,650.00	1,000.00	6,000.00	656.00	3,936.00	702.18	4,213.08
11b	Manhole Cone Replacement		ea.	1,500.00	0.00	1,500.00	0.00	2,500.00	0.00	6,000.00	0.00	3,586.36	0.00
11c	Sewer Service Line Replacement	3	ea.	1,000.00	3,000.00	1,250.00	3,750.00	1,000.00	3,000.00	2,400.00	7,200.00	919.96	2,759.88
11d	Valve Box Elev. Adj. & Concrete Collar	7	ea.	500.00	3,500.00	325.00	2,275.00	500.00	3,500.00	664.00	4,648.00	400.44	2,803.08
12a	Subgrade Stabilization, Aggregate	450	c.y.	50.00	22,500.00	50.00	22,500.00	75.00	33,750.00	69.00	31,050.00	33.51	15,079.50
13a	Subgrade Stabilization, Geogrid	1,350	s.y.	4.00	5,400.00	5.00	6,750.00	5.00	6,750.00	2.20	2,970.00	4.76	6,426.00
13b	Geogrid, Tensar TriAx TX5	9,641	s.y.	4.00	38,564.00	6.00	57,846.00	5.00	48,205.00	3.40	32,779.40	2.83	27,284.03
14a	Seeding & Fertilizing		s.y.	2.00	0.00	2.00	0.00	3.00	0.00	0.50	0.00	4.82	0.00
14b	Fibermat		s.y.	5.00	0.00	4.50	0.00	5.00	0.00	3.80	0.00	4.02	0.00
15a	Construction Fence	500	l.f.	4.00	2,000.00	8.50	4,250.00	2.00	1,000.00	3.40	1,700.00	2.30	1,150.00
15b	Straw Wattles	500	l.f.	6.00	3,000.00	6.00	3,000.00	5.00	2,500.00	3.20	1,600.00	6.79	3,395.00
15c	Silt Fence	200	l.f.	5.00	1,000.00	6.50	1,300.00	3.00	600.00	2.10	420.00	3.79	758.00
15d	Erosion Control Supervisor	1	l.s.	2,500.00	2,500.00	2,500.00	2,500.00	10,000.00	10,000.00	4,160.00	4,160.00	6,749.68	6,749.68
16a	Pavement Marking, White Epoxy	20	gal.	400.00	8,000.00	110.00	2,200.00	300.00	6,000.00	226.00	4,520.00	559.12	11,182.40
16b	Pavement Marking, Yellow Epoxy	18	gal.	400.00	7,200.00	110.00	1,980.00	100.00	1,800.00	76.00	1,368.00	422.45	7,604.10
17	Traffic Control Signs	17	ea	500.00	8,500.00	500.00	8,500.00	500.00	8,500.00	515.00	8,755.00	567.74	9,651.58
18	Maintenance of Traffic	1	l.s.	75,000.00	75,000.00	30,000.00	30,000.00	25,000.00	25,000.00	25,980.00	25,980.00	116,129.03	116,129.03
19	Mobilization & Demobilization	1	l.s.	75,000.00	75,000.00	50,000.00	50,000.00	150,000.00	150,000.00	193,265.38	193,265.38	185,639.85	185,639.85
Repave Ex Footprint w/ Drainage Improvements Sub-Total				\$916,839.50		\$915,653.00		\$980,062.50		\$1,108,988.03		\$1,190,798.28	
Contingency @ 10%				\$91,683.95		\$91,565.30		\$98,006.25		\$110,898.80		\$119,079.83	
Engineering @ 10%				\$91,683.95		\$91,565.30		\$98,006.25		\$110,898.80		\$119,079.83	
Repave Ex Footprint w/ Drainage Improvements Project Total				\$1,100,207.40		\$1,098,783.60		\$1,176,075.00		\$1,330,785.64		\$1,428,957.94	



- BASE PROJECT:**
- 8TH STREET REALIGNMENT & RECONSTRUCTION
 - CURB & GUTTER ENTIRE LENGTH ON WEST SIDE OF STREET
 - DRIVEWAY MODIFICATIONS REQUIRED TO WORK WITH SHARED-USE PATH
 - CURB & GUTTER AND SIDEWALK MODIFICATIONS ON EAST SIDE AT INTERSECTIONS
 - DRAINAGE STRUCTURE IMPROVEMENT/MODIFICATION
 - COMPLETE PIEDRA STREET INTERSECTION & SIDEWALK ON NORTH SIDE
 - EXISTING SIDEWALKS REMOVED BUT NOT REPLACED ON WEST SIDE

- BASE PROJECT BIDS:**
- COOLEY & SONS: \$1,163,584.50
 - RUSSELL SAND & GRAVEL: \$1,240,552.50
 - FOUR CORNERS MATERIALS: \$1,427,910.06
 - CROSSFIRE: \$1,556,750.63



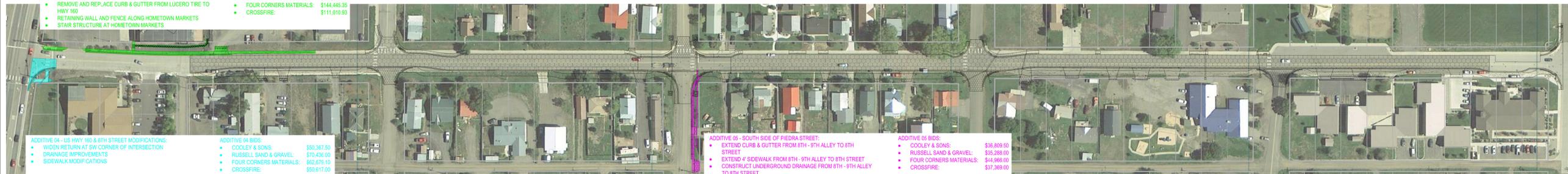
- ADDITIVE 01 - SHARED-USE PATH:**
- CONCRETE SHARED-USE PATH FROM SAN JUAN ALLEY TO APACHE STREET

- ADDITIVE 01 BIDS:**
- COOLEY & SONS: \$208,580.00
 - RUSSELL SAND & GRAVEL: \$160,235.50
 - FOUR CORNERS MATERIALS: \$247,162.00
 - CROSSFIRE: \$199,010.76



- ADDITIVE 02 - STREET LIGHTING:**
- STREET LIGHTING FROM SAN JUAN ALLEY TO APACHE STREET

ADDITIVE 02 BIDS:	CONDUIT/BOXES	COND. BASES	LIGHTS/WIRING	TOTAL
• COOLEY & SONS:	\$80,510.00	\$24,000.00	\$ 98,000.00	\$202,510.00
• RUSSELL SAND & GRAVEL:	\$41,100.00	\$45,000.00	\$120,000.00	\$306,100.00
• FOUR CORNERS MATERIALS:	\$80,517.50	\$31,320.00	\$199,000.00	\$250,837.50
• CROSSFIRE:	\$49,220.00	\$19,500.00	\$198,000.00	\$254,820.00



- ADDITIVE 03 - 100 BLOCK EAST SIDEWALK:**
- 5' WIDE SIDEWALK EAST SIDE OF 8TH STREET FROM JUST NORTH OF DES BUILDING TO HWY 160
 - REMOVE AND RE-PLACE CURB & GUTTER FROM LUCERO TIRE TO HWY 160
 - RETAINING WALL AND FENCE ALONG HOMETOWN MARKETS
 - STAIR STRUCTURE AT HOMETOWN MARKETS

- ADDITIVE 03 BIDS:**
- COOLEY & SONS: \$149,112.75
 - RUSSELL SAND & GRAVEL: \$105,815.00
 - FOUR CORNERS MATERIALS: \$144,445.35
 - CROSSFIRE: \$111,010.93



- ADDITIVE 04 - US HWY 160 & 8TH STREET MODIFICATIONS:**
- WIDEN RETURN AT SW CORNER OF INTERSECTION
 - DRAINAGE IMPROVEMENTS
 - SIDEWALK MODIFICATIONS

- ADDITIVE 04 BIDS:**
- COOLEY & SONS: \$50,367.50
 - RUSSELL SAND & GRAVEL: \$70,430.00
 - FOUR CORNERS MATERIALS: \$82,675.10
 - CROSSFIRE: \$88,917.00

- ADDITIVE 05 - SOUTH SIDE OF PIEDRA STREET:**
- EXTEND CURB & GUTTER FROM 8TH - 9TH ALLEY TO 8TH STREET
 - EXTEND 4' SIDEWALK FROM 8TH - 9TH ALLEY TO 8TH STREET
 - CONSTRUCT UNDERGROUND DRAINAGE FROM 8TH - 9TH ALLEY TO 8TH STREET

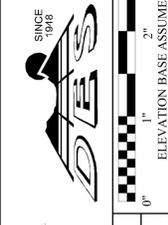
- ADDITIVE 05 BIDS:**
- COOLEY & SONS: \$38,809.50
 - RUSSELL SAND & GRAVEL: \$35,269.00
 - FOUR CORNERS MATERIALS: \$41,986.00
 - CROSSFIRE: \$37,369.00

- ENTIRE PROJECT:**
- BASE PROJECT PLUS ADDITIVE 01 - ADDITIVE 05

- ENTIRE PROJECT BIDS:**
- COOLEY & SONS: \$1,809,364.25
 - RUSSELL SAND & GRAVEL: \$1,818,427.00
 - FOUR CORNERS MATERIALS: \$2,178,000.00
 - CROSSFIRE: \$2,209,578.32



DAVIS ENGINEERING SERVICE, INC.
SINCE 1916



DAVIS ENGINEERING SERVICE, INC.
P.O. BOX 1829
PAGOSA SPRINGS, COLORADO 81417
PHONE: (970) 264-9055
FAX: (970) 264-9210

DATE	DESCRIPTION
06/09/2016	PRELIM.
	PRELIM.

DATE	DESCRIPTION
	SMS
	SMS

Town of Pagosa Springs
P.O. Box 1829
Pagosa Springs, CO 81417

South 8th Street Reconstruction
Summary of Bids, Base Project & Additive 01 - Additive 05

South 8th Street Reconstruction - Bid Abstract
 May 26, 2016
 Base Bid Schedule - 8th St Reconstruction

Item #	Item Description	Quantity	Units	Engineer's Estimate		Cooley & Sons		Russell Sand & Gravel		Four Corners Materials		Crossfire	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1a	Clearing & Grubbing	1	l.s.	2,000.00	2,000.00	5,500.00	5,500.00	5,000.00	5,000.00	590.00	590.00	4,509.50	4,509.50
1b	Topsoil Removal & Replacement	1	l.s.	2,000.00	2,000.00	8,500.00	8,500.00	3,000.00	3,000.00	4,094.00	4,094.00	6,341.41	6,341.41
3a	Excavation & Embankment	65	c.y.	15.00	975.00	20.00	1,300.00	15.00	975.00	22.00	1,430.00	28.39	1,845.35
3b	Excavation & Removal - Other	3,475	c.y.	15.00	52,125.00	18.00	62,550.00	10.00	34,750.00	23.00	79,925.00	14.12	49,067.00
3c	Removal - Curb & Gutter, Valley Gutter	2,939	l.f.	4.00	11,756.00	5.00	14,695.00	8.00	23,512.00	3.48	10,227.72	3.15	9,257.85
3d	Removal - Concrete Slab	8,515	s.f.	2.00	17,030.00	1.75	14,901.25	5.00	42,575.00	1.45	12,346.75	2.13	18,136.95
3e	Removal - Concrete Paving - Roadway	4,769	s.f.	5.00	23,845.00	3.00	14,307.00	12.00	57,228.00	2.90	13,830.10	3.59	17,120.71
3f	Removal - Culverts	524	l.f.	15.00	7,860.00	8.00	4,192.00	10.00	5,240.00	25.00	13,100.00	10.89	5,706.36
3g	Subgrade Preparation, Roadway	10,235	s.y.	2.50	25,587.50	2.00	20,470.00	1.50	15,352.50	2.45	25,075.75	1.23	12,589.05
3h	Subgrade Preparation, Other	1,530	s.y.	2.00	3,060.00	2.00	3,060.00	2.00	3,060.00	15.55	23,791.50	5.56	8,506.80
4a	Aggregate Base Course, Class 6, 8th St.	1,445	c.y.	40.00	57,800.00	40.00	57,800.00	54.00	78,030.00	48.50	70,082.50	36.44	52,655.80
4b	Aggregate Base Course, Class 6, Other	656	c.y.	45.00	29,520.00	40.00	26,240.00	56.00	36,736.00	86.50	56,744.00	49.01	32,150.56
5a	Asphalt Paving, 5" thick	2,076	ton	120.00	249,120.00	140.00	290,640.00	140.00	290,640.00	133.00	276,108.00	164.94	342,415.44
5b	Asphalt Paving, 3" thick	137	ton	140.00	19,180.00	145.00	19,865.00	144.00	19,728.00	218.00	29,866.00	185.82	25,457.34
6	Concrete Paving, 8.5" thick	1,121	s.y.	130.00	145,730.00	122.00	136,762.00	70.00	78,470.00	130.00	145,730.00	170.66	191,309.86
7a	Concrete Sidewalk, 4" thick	4,212	s.f.	6.50	27,378.00	8.00	33,696.00	4.00	16,848.00	8.55	36,012.60	18.37	77,374.44
7b	Concrete Driveway Apron, 6" thick	7,873	s.f.	8.50	66,920.50	7.75	61,015.75	6.00	47,238.00	8.40	66,133.20	10.63	83,689.99
7c	Concrete Curb & Gutter (6" curb, 18" pan)	2,763	l.f.	28.50	78,745.50	30.75	84,962.25	24.00	66,312.00	33.35	92,146.05	39.58	109,359.54
7e	Concrete Driveway Gutter (6" curb, 18" pan)	874	l.f.	30.00	26,220.00	30.75	26,875.50	22.00	19,228.00	33.35	29,147.90	41.38	36,166.12
7g	Concrete Valley Gutter	891	s.f.	10.00	8,910.00	10.25	9,132.75	10.00	8,910.00	9.60	8,553.60	14.84	13,222.44
8	Inlet w/ frame & grate	11	ea	2,500.00	27,500.00	3,900.00	42,900.00	4,000.00	44,000.00	4,267.00	46,937.00	2,617.48	28,792.28
9a	CMP, 12" Dia.	104	l.f.	36.00	3,744.00	50.00	5,200.00	60.00	6,240.00	103.00	10,712.00	60.57	6,299.28
9b	CMP, 15" Dia.	65	l.f.	45.00	2,925.00	52.00	3,380.00	70.00	4,550.00	110.00	7,150.00	47.60	3,094.00
9c	CMP, 18" Dia.	216	l.f.	54.00	11,664.00	55.00	11,880.00	80.00	17,280.00	118.00	25,488.00	40.82	8,817.12
9d	CMP, 24" Dia.	100	l.f.	72.00	7,200.00	60.00	6,000.00	90.00	9,000.00	78.00	7,800.00	64.01	6,401.00
9e	RCP, 24" Dia.	8	l.f.	200.00	1,600.00	350.00	2,800.00	100.00	800.00	700.00	5,600.00	338.69	2,709.52
9f	Metal End Section, 18" Dia.	2	ea.	450.00	900.00	450.00	900.00	600.00	1,200.00	310.00	620.00	257.63	515.26
9g	Metal End Section, 24" Dia.	2	ea.	600.00	1,200.00	500.00	1,000.00	600.00	1,200.00	355.00	710.00	301.50	603.00
10	Riprap	20	c.y.	100.00	2,000.00	125.00	2,500.00	150.00	3,000.00	230.00	4,600.00	185.18	3,703.60
11a	Manhole Elev. Adj. & Concrete Collar	5	ea.	1,000.00	5,000.00	275.00	1,375.00	1,000.00	5,000.00	656.00	3,280.00	702.18	3,510.90
11b	Manhole Cone Replacement	1	ea.	1,500.00	1,500.00	1,500.00	1,500.00	2,500.00	2,500.00	6,000.00	6,000.00	3,586.36	3,586.36
11c	Sewer Service Line Replacement	3	ea.	1,000.00	3,000.00	1,250.00	3,750.00	1,000.00	3,000.00	2,400.00	7,200.00	919.96	2,759.88
11d	Valve Box Elev. Adj. & Concrete Collar	7	ea.	500.00	3,500.00	325.00	2,275.00	500.00	3,500.00	664.00	4,648.00	400.44	2,803.08
12a	Subgrade Stabilization, Aggregate	450	c.y.	50.00	22,500.00	50.00	22,500.00	75.00	33,750.00	69.00	31,050.00	33.51	15,079.50
13a	Subgrade Stabilization, Geogrid	1,350	s.y.	4.00	5,400.00	5.00	6,750.00	5.00	6,750.00	2.20	2,970.00	4.76	6,426.00
13b	Geogrid, Tensar TriAx TX5	7,430	s.y.	4.00	29,720.00	6.00	44,580.00	5.00	37,150.00	3.40	25,262.00	2.83	21,026.90
14a	Seeding & Fertilizing	800	s.y.	2.00	1,600.00	2.00	1,600.00	3.00	2,400.00	0.50	400.00	4.82	3,856.00
14b	Fibermat	800	s.y.	5.00	4,000.00	4.50	3,600.00	5.00	4,000.00	3.80	3,040.00	4.02	3,216.00
15a	Construction Fence	500	l.f.	4.00	2,000.00	8.50	4,250.00	2.00	1,000.00	3.40	1,700.00	2.30	1,150.00
15b	Straw Wattles	500	l.f.	6.00	3,000.00	6.00	3,000.00	5.00	2,500.00	3.20	1,600.00	6.79	3,395.00
15c	Silt Fence	200	l.f.	5.00	1,000.00	6.50	1,300.00	3.00	600.00	2.10	420.00	3.79	758.00
15d	Erosion Control Supervisor	1	l.s.	2,500.00	2,500.00	2,500.00	2,500.00	10,000.00	10,000.00	4,160.00	4,160.00	6,749.68	6,749.68
16a	Pavement Marking, White Epoxy	10	gal.	400.00	4,000.00	110.00	1,100.00	300.00	3,000.00	226.00	2,260.00	559.12	5,591.20
16b	Pavement Marking, Yellow Epoxy	18	gal.	400.00	7,200.00	110.00	1,980.00	100.00	1,800.00	76.00	1,368.00	422.45	7,604.10
17	Traffic Control Signs	17	ea	500.00	8,500.00	500.00	8,500.00	500.00	8,500.00	515.00	8,755.00	567.74	9,651.58
18	Maintenance of Traffic	1	l.s.	75,000.00	75,000.00	30,000.00	30,000.00	25,000.00	25,000.00	25,980.00	25,980.00	116,129.03	116,129.03
19	Mobilization & Demobilization	1	l.s.	75,000.00	75,000.00	50,000.00	50,000.00	150,000.00	150,000.00	193,265.38	193,265.38	185,639.85	185,639.85
Base Bid Total				\$1,168,915.50		\$1,163,584.50		\$1,240,552.50		\$1,427,910.05		\$1,556,750.63	
Additive #1 Bid Total				\$192,669.00		\$208,580.00		\$160,235.50		\$247,162.00		\$199,010.76	
Additive #2 Bid Total				\$152,280.00		\$200,910.00		\$206,100.00		\$250,837.50		\$254,820.00	
Additive #3 Bid Total				\$102,402.50		\$149,112.75		\$105,815.00		\$144,445.35		\$111,010.93	
Additive #4 Bid Total				\$39,956.00		\$50,367.50		\$70,436.00		\$62,679.10		\$50,617.00	
Additive #5 Bid Total				\$31,153.50		\$36,809.50		\$35,288.00		\$44,966.00		\$37,369.00	
Base Bid & Additives #1 - #5 Sum Total				\$1,687,376.50		\$1,809,364.25		\$1,818,427.00		\$2,178,000.00		\$2,209,578.32	

Notes: 1) There are several mistakes in Russell Sand and Gravel's bid: a) because unit prices control, the extension for Item 3e in the Base Bid Schedule should be \$57,228.00 instead of \$57,220.00 resulting in a Base Bid Total of \$1,240,552.50 instead of \$1,240,544.50. b) The sum of the extended prices in Additive #3 should be \$105,815.00 instead of \$114,131.00. c) The sum of the extended prices in Additive #5 should be \$35,288.00 instead of \$39,251.00. d) In the Base Bid & Additive Items Summary, in addition to perpetuating the previous mistakes, the Additive #3 Bid Total was listed as \$141,131.00. In light of the listed mistakes, the sum of the Base Bid Total and Additives #1 - #5 should be \$1,818,427.00 instead of \$1,857,698.00

2) There are several mistakes in Crossfire's bid: a) because unit prices control, the extension for Item 3a in the Additive #1 Bid Schedule should be \$11,802.70 instead of \$11,803.01. b) because unit prices control, the extension for Item 7a in the Additive #1 Bid Schedule should be \$128,661.00 instead of \$128,593.56. c) because unit prices control, the extension for Item 7c in the Additive #1 Bid Schedule should be \$788.16 instead of \$788.20. d) the sum of the extended prices as written in Additive #1 Bid Schedule should be \$198,943.67 instead of \$200,228.87. e) due to the mistakes listed in a, b, & c, the Additive #1 Bid Total should be \$199,010.76. f) because unit prices control, the extension for Item 7a in the Additive #3 Bid Schedule should be \$20,164.35 instead of \$2,140.35. g.) the sum of the extended prices as written in Additive #3 Bid Schedule should be \$92,986.93 instead of \$92,986.43. h) due to the mistake listed in f, the Additive #3 Bid Total should be \$111,010.93. i) The sum of the extended prices in Additive #4 should be \$50,617.00 instead of \$48,367.00. j) In the Base Bid & Additive Items Summary, in addition to perpetuating the previous mistakes, the Additive #2 Bid Total was listed in the Additive #1 space. The value listed for the Additive #2 Bid Total is \$182,820.00. I am unsure of where this value came from. In light of the listed mistakes, the sum of the Base Bid Total and Additives #1 - #5 should be \$2,209,578.32 instead of \$2,173,113.06 as listed.

South 8th Street Reconstruction - Bid Abstract
May 26, 2016
Additive Bid Schedules #1 - #5

Additive #1 Bid Schedule - Shared-Use Path

Item #	Item Description	Quantity	Units	Engineer's Estimate		Cooley & Sons		Russell Sand & Gravel		Four Corners Materials		Crossfire	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1a	Clearing & Grubbing	1	l.s.	5,000.00	5,000.00	5,000.00	5,000.00	3,000.00	3,000.00	2,460.00	2,460.00	3,526.29	3,526.29
1b	Topsoil Removal & Replacement	1	l.s.	5,000.00	5,000.00	6,500.00	6,500.00	5,000.00	5,000.00	12,000.00	12,000.00	3,526.29	3,526.29
3a	Excavation & Embankment	65	c.y.	15.00	975.00	20.00	1,300.00	20.00	1,300.00	33.60	2,184.00	181.58	11,802.70
3b	Excavation & Removal - Other	560	c.y.	15.00	8,400.00	18.00	10,080.00	10.00	5,600.00	29.00	16,240.00	14.00	7,840.00
3c	Removal - Curb & Gutter, Valley Gutter	12	l.f.	4.00	48.00	6.00	72.00	22.00	264.00	3.50	42.00	100.00	1,200.00
3d	Removal - Concrete Slab	60	s.f.	2.00	120.00	5.00	300.00	20.00	1,200.00	2.90	174.00	32.00	1,920.00
3h	Subgrade Preparation, Other	2,834	s.y.	2.00	5,668.00	2.50	7,085.00	1.50	4,251.00	8.25	23,380.50	1.23	3,485.82
4b	Aggregate Base Course, Class 6, Other	480	c.y.	45.00	21,600.00	40.00	19,200.00	56.00	26,880.00	83.00	39,840.00	36.44	17,491.20
7a	Concrete Sidewalk, 4" thick	19,794	s.f.	6.50	128,661.00	7.25	143,506.50	4.50	89,073.00	6.70	132,619.80	6.50	128,661.00
7c	Concrete Curb & Gutter (6" curb, 18" pan)	12	l.f.	28.50	342.00	32.00	384.00	40.00	480.00	33.35	400.20	65.68	788.16
11e	Water Meter Elev. Adj.	2	ea.	400.00	800.00	550.00	1,100.00	1,000.00	2,000.00	1,400.00	2,800.00	350.00	700.00
12a	Subgrade Stabilization, Aggregate	90	c.y.	50.00	4,500.00	61.00	5,490.00	110.00	9,900.00	91.00	8,190.00	33.51	3,015.90
13a	Subgrade Stabilization, Geogrid	270	s.y.	4.00	1,080.00	5.00	1,350.00	5.00	1,350.00	2.20	594.00	4.76	1,285.20
14a	Seeding & Fertilizing	925	s.y.	2.00	1,850.00	2.00	1,850.00	2.50	2,312.50	0.50	462.50	4.82	4,458.50
14b	Fibermat	925	s.y.	5.00	4,625.00	4.50	4,162.50	5.00	4,625.00	3.80	3,515.00	4.02	3,718.50
16a	Pavement Marking, White Epoxy	10	gal.	400.00	4,000.00	120.00	1,200.00	300.00	3,000.00	226.00	2,260.00	559.12	5,591.20
Additive #1 Bid Total				\$192,669.00		\$208,580.00		\$160,235.50		\$247,162.00		\$199,010.76	

Additive #2 Bid Schedule - Street Lighting

Item #	Item Description	Quantity	Units	Engineer's Estimate		Cooley & Sons		Russell Sand & Gravel		Four Corners Materials		Crossfire	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
7h	Concrete Light Bases	30	ea.	1,000.00	30,000.00	800.00	24,000.00	1,500.00	45,000.00	1,044.00	31,320.00	650.00	19,500.00
11i	Electrical Conduit, 1 1/2" Dia.	3,510	l.f.	8.00	28,080.00	21.00	73,710.00	10.00	35,100.00	16.25	57,037.50	12.00	42,120.00
11j	Electrical Pull Boxes, 16"x24"x12"	6	ea.	700.00	4,200.00	1,200.00	7,200.00	1,000.00	6,000.00	580.00	3,480.00	1,200.00	7,200.00
25	Street Lighting	30	ea.	3,000.00	90,000.00	3,200.00	96,000.00	4,000.00	120,000.00	5,300.00	159,000.00	6,200.00	186,000.00
Additive #2 Bid Total				\$152,280.00		\$200,910.00		\$206,100.00		\$250,837.50		\$254,820.00	

Additive #3 Bid Schedule - 100 Block East Sidewalk

Item #	Item Description	Quantity	Units	Engineer's Estimate		Cooley & Sons		Russell Sand & Gravel		Four Corners Materials		Crossfire	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1a	Clearing & Grubbing	1	l.s.	2,000.00	2,000.00	4,500.00	4,500.00	2,000.00	2,000.00	2,400.00	2,400.00	3,900.00	3,900.00
1b	Topsoil Removal & Replacement	1	l.s.	2,000.00	2,000.00	6,500.00	6,500.00	2,000.00	2,000.00	2,300.00	2,300.00	3,700.00	3,700.00
3a	Excavation & Embankment	680	c.y.	15.00	10,200.00	20.00	13,600.00	20.00	13,600.00	34.00	23,120.00	28.00	19,040.00
3b	Excavation & Removal - Other	50	c.y.	15.00	750.00	18.00	900.00	10.00	500.00	54.00	2,700.00	50.00	2,500.00
3c	Removal - Curb & Gutter, Valley Gutter	336	l.f.	4.00	1,344.00	6.00	2,016.00	10.00	3,360.00	3.50	1,176.00	6.35	2,133.60
3d	Removal - Concrete Slab	163	s.f.	2.00	326.00	5.00	815.00	12.00	1,956.00	2.90	472.70	13.50	2,200.50
3h	Subgrade Preparation, Other	560	s.y.	2.00	1,120.00	2.50	1,400.00	2.00	1,120.00	19.00	10,640.00	8.00	4,480.00
4b	Aggregate Base Course, Class 6, Other	67	c.y.	45.00	3,015.00	40.00	2,680.00	56.00	3,752.00	105.00	7,035.00	86.00	5,762.00
7a	Concrete Sidewalk, 4" thick	2,253	s.f.	6.50	14,644.50	7.25	16,334.25	4.50	10,138.50	6.05	13,630.65	8.95	20,164.35
7b	Concrete Driveway Apron, 6" thick	210	s.f.	8.50	1,785.00	9.50	1,995.00	6.00	1,260.00	8.40	1,764.00	17.40	3,654.00
7d	Concrete Curb & Gutter (6" curb, 24" pan)	294	l.f.	30.00	8,820.00	35.00	10,290.00	24.00	7,056.00	34.50	10,143.00	35.51	10,439.94
7f	Concrete Driveway Gutter (6" curb, 24" pan)	42	l.f.	31.50	1,323.00	35.00	1,470.00	30.00	1,260.00	34.50	1,449.00	58.37	2,451.54
11f	Retaining Wall, Modular Block	825	s.f.	50.00	41,250.00	90.00	74,250.00	60.00	49,500.00	65.30	53,872.50	10.00	8,250.00
11g	Fence, 2 Rail Wood Post	150	l.f.	20.00	3,000.00	18.50	2,775.00	15.00	2,250.00	21.40	3,210.00	25.00	3,750.00
11h	Concrete Stair Structure	1	l.s.	7,500.00	7,500.00	6,500.00	6,500.00	2,500.00	2,500.00	8,490.00	8,490.00	5,760.00	5,760.00
14a	Seeding & Fertilizing	475	s.y.	2.00	950.00	2.00	950.00	2.50	1,187.50	0.50	237.50	15.00	7,125.00
14b	Fibermat	475	s.y.	5.00	2,375.00	4.50	2,137.50	5.00	2,375.00	3.80	1,805.00	12.00	5,700.00
Additive #3 Bid Total				\$102,402.50		\$149,112.75		\$105,815.00		\$144,445.35		\$111,010.93	

Additive #4 Bid Schedule - U.S. Highway 160 & 8th Street Modifications

Item #	Item Description	Quantity	Units	Engineer's Estimate		Cooley & Sons		Russell Sand & Gravel		Four Corners Materials		Crossfire	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1a	Clearing & Grubbing	1	l.s.	2,000.00	2,000.00	4,500.00	4,500.00	1,500.00	1,500.00	800.00	800.00	2,800.00	2,800.00
1b	Topsoil Removal & Replacement	1	l.s.	2,000.00	2,000.00	6,500.00	6,500.00	1,500.00	1,500.00	1,479.00	1,479.00	2,500.00	2,500.00
3b	Excavation & Removal - Other	25	c.y.	15.00	375.00	20.00	500.00	10.00	250.00	54.00	1,350.00	80.00	2,000.00
3c	Removal - Curb & Gutter, Valley Gutter	75	l.f.	4.00	300.00	6.00	450.00	30.00	2,250.00	3.50	262.50	7.00	525.00
3d	Removal - Concrete Slab	324	s.f.	2.00	648.00	2.50	810.00	24.00	7,776.00	2.90	939.60	3.00	972.00
3e	Removal - Concrete Paving - Roadway	950	s.f.	5.00	4,750.00	4.50	4,275.00	34.00	32,300.00	2.90	2,755.00	5.00	4,750.00
3h	Subgrade Preparation, Other	220	s.y.	2.00	440.00	2.50	550.00	1.50	330.00	24.00	5,280.00	7.00	1,540.00
4b	Aggregate Base Course, Class 6, Other	30	c.y.	45.00	1,350.00	40.00	1,200.00	56.00	1,680.00	170.00	5,100.00	88.00	2,640.00
6	Concrete Paving, 8.5" thick	137	s.y.	130.00	17,810.00	140.00	19,180.00	75.00	10,275.00	175.75	24,077.75	140.00	19,180.00
7a	Concrete Sidewalk, 4" thick	290	s.f.	6.50	1,885.00	7.25	2,102.50	4.50	1,305.00	6.50	1,885.00	7.00	2,030.00
7d	Concrete Curb & Gutter (6" curb, 24" pan)	75	l.f.	30.00	2,250.00	35.00	2,625.00	24.00	1,800.00	33.35	2,501.25	34.00	2,550.00
8	Inlet w/ frame & grate	1	ea.	2,500.00	2,500.00	3,900.00	3,900.00	4,000.00	4,000.00	7,900.00	7,900.00	3,500.00	3,500.00
9c	CMP, 18" Dia.	47	l.f.	54.00	2,538.00	55.00	2,585.00	80.00	3,760.00	126.00	5,922.00	60.00	2,820.00
12a	Subgrade Stabilization, Aggregate	10	c.y.	50.00	500.00	52.00	520.00	100.00	1,000.00	184.00	1,840.00	60.00	600.00
13a	Subgrade Stabilization, Geogrid	30	s.y.	4.00	120.00	6.00	180.00	5.00	150.00	6.50	195.00	6.00	180.00
14a	Seeding & Fertilizing	70	s.y.	2.00	140.00	2.50	175.00	3.00	210.00	1.10	77.00	15.00	1,050.00
14b	Fibermat	70	s.y.	5.00	350.00	4.50	315.00	5.00	350.00	4.50	315.00	14.00	980.00
Additive #4 Bid Total				\$39,956.00		\$50,367.50		\$70,436.00		\$62,679.10		\$50,617.00	

Additive #5 Bid Schedule - South Side of Piedra Street

Item #	Item Description	Quantity	Units	Engineer's Estimate		Cooley & Sons		Russell Sand & Gravel		Four Corners Materials		Crossfire	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1a	Clearing & Grubbing	1	l.s.	2,000.00	2,000.00	4,500.00	4,500.00	1,500.00	1,500.00	800.00	800.00	2,500.00	2,500.00
1b	Topsoil Removal & Replacement	1	l.s.	2,000.00	2,000.00	3,500.00	3,500.00	1,800.00	1,800.00	3,790.00	3,790.00	2,500.00	2,500.00
3a	Excavation & Embankment	125	c.y.	15.00	1,875.00	20.00	2,500.00	10.00	1,250.00	35.00	4,375.00	30.00	3,750.00
3f	Removal - Culverts	20	l.f.	15.00	300.00	8.00	160.00	30.00	600.00	50.00	1,000.00	15.00	300.00
3h	Subgrade Preparation, Other	200	s.y.	2.00	400.00	2.50	500.00	1.50	300.00	20.00	4,000.00	12.00	2,400.00
4b	Aggregate Base Course, Class 6, Other	20	c.y.	45.00	900.00	40.00	800.0						



AGENDA DOCUMENTATION

NEW BUSINESS: II.2

PAGOSA SPRINGS TOWN COUNCIL

JUNE 9, 2016

FROM: GREGORY J. SCHULTE, TOWN MANAGER

PROJECT: SOUTH 8TH STREET FINANCING

ACTION: UPDATE AND DIRECTION TO STAFF

BACKGROUND

The South 8th Street Project has been in the works for several years, at least since 2014, although there is evidence that the project has been the subject of discussion since at least 2009. From a financial standpoint, the initial plan was to just re-surface the street, but the geotechnical report in 2014 indicated that a rebuild was recommended and the Council decided to not pursue the repaving of S. 8th Street.

When it became apparent that a full reconstruction was a possible scenario, the possible variables also became apparent. When a road is being reconstructed, it is thought to have a 20 year useful life. When that road is being constructed then you have to think about what alignment, amenities and structure you need to plan for a 20 year period. Council direction was to perform outreach to the community in 2015 and plan for the actual reconstruction in 2016.

In addition, during the community meetings, the following priorities were consistently identified:

- Slow down traffic
- Allow for better pedestrian and bicyclist safety
- Make better connections (e.g. connecting to Hometown Food Market)

In the approved 2016 Budget, there were the following assumptions made:

- The Project would be financed through a lease purchase mechanism.
- Project cost of \$1.5 million.
- The remaining debt service of the Lewis Street lease purchase would be paid off this year (approx. \$680,000) and would be included in the refinancing for a total of \$2.18 million
- The debt service for the project was assumed to be approximately \$180,000 annually.

Lewis Street Lease Purchase

The Lewis Street lease purchase was initiated in 2012 for the 3 block improvements to Lewis Street with a project cost of approximately \$1.5 million. Since the Town already had a lease purchase for the Community Center, that was refinanced to include the cost of Lewis Street. The total 2012 loan was \$2,155,207.38.

The Community Center portion was completely paid off in 2014 and the remaining portion for Lewis Street was financed through 2021. The annual debt service for Lewis Street is approximately \$180,000 consisting of 2 payments of \$89,816 per year. As indicated above, the intent was to pay off the Lewis Street Loan in its entirety this year (2016) in conjunction with the financing of the South 8th Street project.

FISCAL IMPACT

There are different options for financing the South 8th Street project. The cost of the project may range from \$800,000 on the low end to almost \$2 million on the higher end depending on what Additive items are chosen. If the Council decides to lease purchase the entire project, then assuming a cost of \$2 million over 10 years, the annual debt service is estimated at less than \$300,000. Also related is the outstanding Lewis Street loan of approximately \$680,000.

However, the Council may recall they recently decided to not invest funds determined to be surplus in the event a major capital project needed funding. The Council may elect to “buy down” the cost of the project, or to retire the all or part of the remaining Lewis Street loan, by using some of the surplus funding. The available funding is as follows:

General Fund:	\$449,000
Capital Fund:	<u>\$655,000</u>
Total	\$1,104,000

Another possibility is to budget this project over 2 fiscal years since it will take 2 construction seasons to complete the project. However this would be difficult as it would imply using most, if not all, of the surplus funds in this fiscal year and then budgeting a significant portion of capital funding for the balance in 2017.

RECOMMENDATIONS

Possible actions by the Town Council include:

- 1. Move to direct staff to take those steps necessary to secure lease purchase financing for the full amount of the South 8th Street project.**
- 2. Move to direct staff to pay use surplus funds in the amount of \$_____ from General Fund reserves and \$_____ in Capital Fund reserves and the balance in lease purchase financing for the South 8th Street project.**
- 3. Move to use surplus funding in the amount of \$_____ to retire (all or \$_____) of the Remaining portion of the Lewis Street loan.**
- 4. Direct staff otherwise.**