City of Carroll

112 E. 5th Street Carroll, Iowa 51401-2799 (712) 792-1000 FAX: (712) 792-0139

MEMO TO: Honorable Mayor and City Council

FROM: Jack Wardell, Director of Parks & Recreation JW

DATE: August 4, 2016

SUBJECT: Main Street Trail Connection

City staff has received from Shive Hattery three potential options the City Council should consider with the Main Street Trail Connection. Attached to this memorandum is a map of the options along with cost estimates.

Option A – Estimated Cost - $60,000.00

This option provides painted arrows from the entrance of Rolling Hills Park north to railroad crossing just south of the police station/city hall. Placing 480 linear feet of 10' concrete trail from existing Sauk Rail trail north to Bluff Street.

Option B – Estimated Conceptual Construction Cost - $239,500.00

This option is a 10' concrete trail connecting to the Sauk Rail Trail at N Whitney Street heading north to W 3rd Street then going west and ending at Carroll Glass. Please note existing driveways, sidewalk, and trees located along W 3rd Street will be removed as part of the W 3rd Street sewer project and were therefore not included in the conceptual construction cost estimate.

Option C – Estimated Conceptual Construction Cost - $275,300.00

This option is the same as Option B but would stop at Carroll Street and then proceed north over the railroad tracks and end at W 5th Street. Please note existing driveways, sidewalk, and trees located along W 3rd Street will be removed as part of the W 3rd Street sewer project and were therefore not included in the conceptual construction cost estimate.

RECOMMENDATION: For the Mayor and City Council consideration and recommendation to have Shive Hattery move forward with Option A – Sauk Trail to Main Street for the estimated conceptual construction cost of $60,000.00

City Of Carroll

SAUK TRAIL TO DOWNTOWN CONNECTION

SAUK TRAIL TO MAIN STREET

OPTION A

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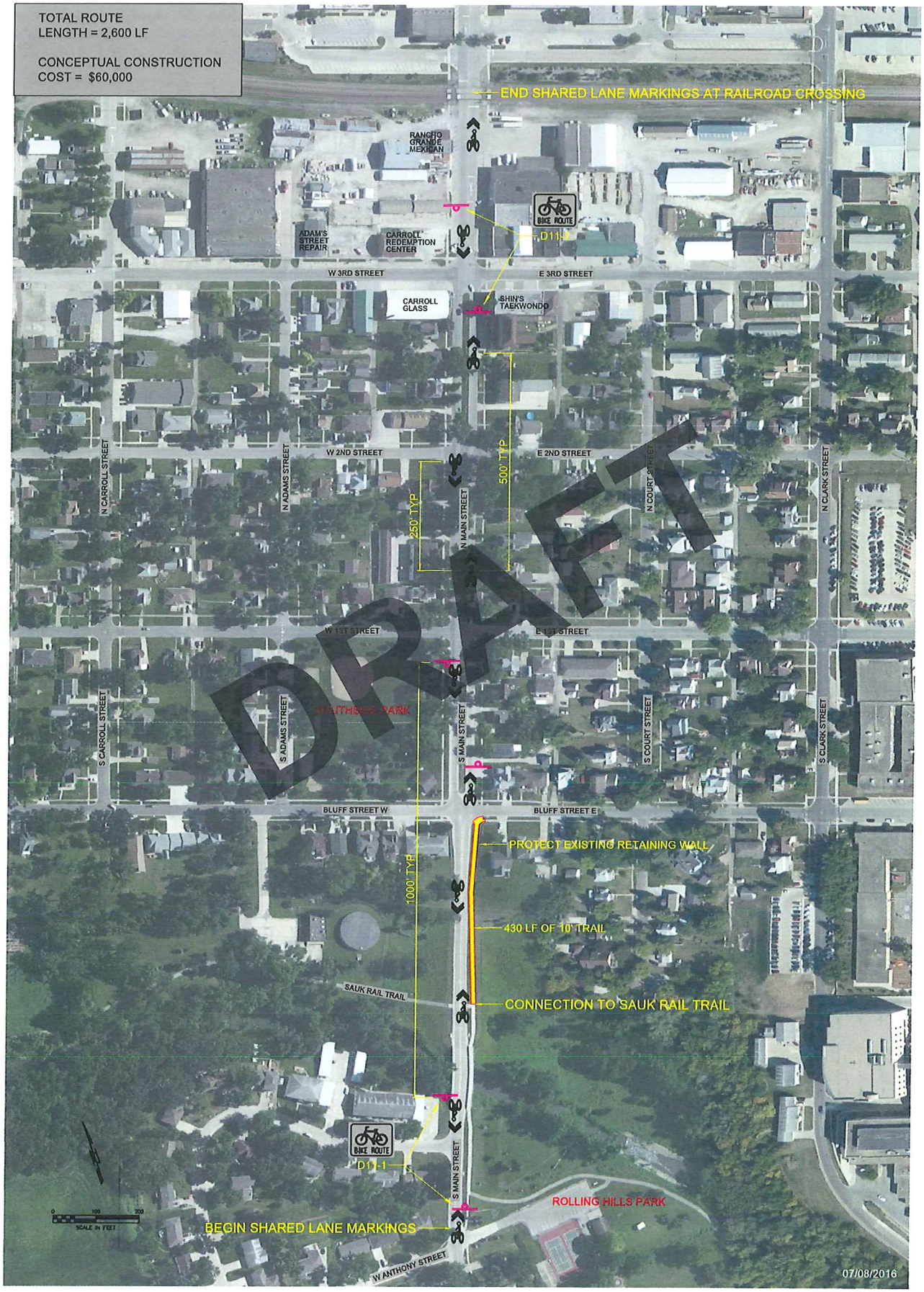

SHIVEHATTERY
ARCHITECTURE + ENGINEERING

PROJECT #: 4145511
DATE: 07/08/2016

CITY OF CARROLL
COST OPINION - SAUK TO DOWNTOWN TRAIL CONNECTION
SAUK TRAIL TO MAIN STREET
OPTION A

#	ITEM DESCRIPTION	QUANTITY	UNITS		UNIT COST		TOTAL COST
1	EXCAVATION, CLASS 10, ROADWAY AND BORROW	100	CY	*	$12	=	$1,200
2	REMOVAL OF PAVEMENT	300	SY	*	$15	=	$4,500
3	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE , 6 IN.	500	SY	*	$45	=	$22,500
4	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	4	STA	*	$250	=	$1,000
5	DETECTABLE WARNINGS	60	SF	*	$45	=	$2,700
6	UTILITIES ADJUSTMENT	1	LS	*	$2,000	=	$2,000
7	CONSTRUCTION SURVEY	1	LS	*	$2,000	=	$2,000
8	PAINTED SYMBOLS AND LEGENDS, WATERBORNE	11	EA	*	$120	=	$1,320
9	TRAFFIC CONTROL	1	LS	*	$2,000	=	$2,000
10	MOBILIZATION	1	LS	*	$4,000	=	$4,000
11	MULCHING	0.5	ACRE	*	$2,000	=	$1,000
12	SEEDING AND FERTILIZING (URBAN)	0.5	ACRE	*	$4,500	=	$2,250
13	SILT FENCE / EROSION CONTROL	400	LF	*	$3	=	$1,200
						TOTAL ESTIMATED CONSTRUCTION COST	$47,670
						CONTINGENCY (25%)	$12,330
						PROJECT TOTAL	$60,000

**TOTAL PROJECT COSTS AND CONSTRUCTION COSTS PROVIDED HEREIN ARE MADE ON THE BASIS OF ENGINEER'S EXPERIENCE AND QUALIFICATIONS AND REPRESENT THE ENGINEER'S BEST JUDGMENT. HOWEVER, THE ENGINEER CANNOT AND DOES NOT GUARANTEE THAT BIDS OR ACTUAL TOTAL PROJECT OR CONSTRUCTION COSTS WILL NOT VARY FROM THE ESTIMATE OF PROBABLE CONSTRUCTION COST. THIS ESTIMATE IS INTENDED TO ASSIST IN BUDGETARY ASSESSMENT AND DOES NOT GUARANTEE THAT ACTUAL PROJECT COSTS WILL NOT EXCEED OR BE LOWER THAN THE AMOUNTS STATED IN THIS ESTIMATE.

DRAFT

City Of Carroll

SAUK TRAIL TO DOWNTOWN CONNECTION

N WHITNEY STREET TO W 3RD STREET TO N MAIN STREET

OPTION B

SHIVEHATTERY
ARCHITECTURE + ENGINEERING

SHIVEHATTERY
ARCHITECTURE + ENGINEERING

PROJECT #: 4145511
DATE: 07/08/2016

CITY OF CARROLL
COST OPINION - SAUK TO DOWNTOWN TRAIL CONNECTION
N WHITNEY STREET TO W 3RD STREET TO N MAIN STREET
OPTION B

#	ITEM DESCRIPTION	QUANTITY	UNITS		UNIT COST		TOTAL COST
WHITNEY STREET							
1	TREE REMOVAL	7	EA	*	$1,000	=	$7,000
2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	300	CY	*	$12	=	$3,600
3	REMOVAL OF PAVEMENT	500	SY	*	$12	=	$6,000
4	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE , 6 IN.	1,300	SY	*	$40	=	$52,000
5	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	14	STA	*	$250	=	$3,500
6	DETECTABLE WARNINGS	120	SF	*	$45	=	$5,400
7	UTILITIES ADJUSTMENT	1	LS	*	$2,000	=	$2,000
8	DRIVEWAY, P.C. CONCRETE, 6 IN.	200	SY	*	$55	=	$11,000
9	CONSTRUCTION SURVEY	1	LS	*	$2,000	=	$2,000
10	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	2	STA	*	$500	=	$1,000
11	TRAFFIC CONTROL	1	LS	*	$2,000	=	$2,000
12	MOBILIZATION	1	LS	*	$9,000	=	$9,000
13	MULCHING	0.5	ACRE	*	$2,000	=	$1,000
14	SEEDING AND FERTILIZING (URBAN)	0.5	ACRE	*	$4,500	=	$2,250
15	SILT FENCE / EROSION CONTROL	1,000	LF	*	$3	=	$3,000
					SUBTOTAL		**$110,750**
3RD STREET							
1	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE , 6 IN.	1,700	SY	*	$40	=	$68,000
2	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	10	STA	*	$250	=	$2,500
3	DETECTABLE WARNINGS	230	SF	*	$45	=	$10,350
					SUBTOTAL		**$80,850**
					CONTINGENCY (25%)		**$47,900**
					PROJECT TOTAL		**$239,500**

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City Of Carroll

SAUK TRAIL TO DOWNTOWN CONNECTION

N WHITNEY STREET TO W 3RD STREET TO N CARROLL STREET

OPTION C

SHIVEHATTERY
ARCHITECTURE • ENGINEERING

NOTE: EXISTING DRIVEWAYS, SIDEWALK, AND TREES LOCATED ALONG W 3RD STREET WILL BE REMOVED AS PART OF THE W 3RD STREET SEWER PROJECT AND, WERE THEREFORE NOT INCLUDED IN THE CONCEPTUAL CONSTRUCTION COST.

SHIVEHATTERY
ARCHITECTURE + ENGINEERING

PROJECT #: 4145511
DATE: 07/08/2016

CITY OF CARROLL
COST OPINION - SAUK TO DOWNTOWN TRAIL CONNECTION
N WHITNEY STREET TO W 3RD STREET TO N CARROLL STREET
OPTION C

#	ITEM DESCRIPTION	QUANTITY	UNITS		UNIT COST		TOTAL COST
WHITNEY STREET AND CARROLL STREET							
1	TREE REMOVAL	12	EA	*	$1,000	=	$12,000
2	EXCAVATION, CLASS 10, ROADWAY AND BORROW	300	CY	*	$12	=	$3,600
3	REMOVAL OF PAVEMENT	800	SY	*	$12	=	$9,600
4	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE , 6 IN.	2,000	SY	*	$40	=	$80,000
5	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	17	STA	*	$250	=	$4,250
6	DETECTABLE WARNINGS	150	SF	*	$45	=	$6,750
7	UTILITIES ADJUSTMENT	1	LS	*	$3,000	=	$3,000
8	DRIVEWAY, P.C. CONCRETE, 6 IN.	200	SY	*	$55	=	$11,000
9	CONSTRUCTION SURVEY	1	LS	*	$3,000	=	$3,000
10	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	3	STA	*	$500	=	$1,500
11	TRAFFIC CONTROL	1	LS	*	$2,000	=	$2,000
12	MOBILIZATION	1	LS	*	$13,000	=	$13,000
13	MULCHING	1	ACRE	*	$2,000	=	$2,000
14	SEEDING AND FERTILIZING (URBAN)	1	ACRE	*	$4,500	=	$4,500
15	SILT FENCE / EROSION CONTROL	1,100	LF	*	$3	=	$3,300
					SUBTOTAL		**$159,500**
3RD STREET							
1	RECREATIONAL TRAIL, PORTLAND CEMENT CONCRETE , 6 IN.	1,300	SY	*	$40	=	$52,000
2	SPECIAL COMPACTION OF SUBGRADE FOR RECREATIONAL TRAIL	8	STA	*	$250	=	$2,000
3	DETECTABLE WARNINGS	150	SF	*	$45	=	$6,750
					SUBTOTAL		**$60,750**
					CONTINGENCY (25%)		**$55,050**
					PROJECT TOTAL		**$275,300**

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