

**Action Requested/Required:**

- ☐ Vote/Action Requested
☒ Discussion or Presentation Only
☐ Public Hearing
Report Date: _____
Hearing Date: _____
Voting Date: _____

Department: Community Development

Presenter(s) & Title: Bethany Watson

City Engineer

Agenda Item Title:

Update on West Main Street Pedestrian Bridge Concepts

Summary:

PDP has completed the West Main Street Pedestrian Bridge Concepts. They provided 4 concepts as previously proposed.
Concept 1 - South Side Bridge
Concept 2 - North Side Bridge
Concept 3 - Elevator
Concept 4 - At Grade Crossing
All concepts have been reviewed by staff and has recommended moving forward with Concept 2.

Budget Implications:

Budgeted? ☐ Yes ☐ No ☒ N/A

Total Cost of Project: Check if Estimated ☐

Fund Source: General Fund ☐ Water & Sewer ☐ Sales Tax ☐ Other:

Staff Recommendations:

Concepts and Cost Opinions

Reviews:

Has this been reviewed by Management and Legal Counsel, if required? ☒ Yes ☐ No

Attachments:

Quote

CANTON W MAIN ST
PEDESTRIAN ACCESS ALT-1



DISTRICT ON ETOWAH
PARKING DECK

GEORGIA NORTHEASTERN RAILROAD

EXIST RR R/W

EXIST R/W

PEDESTRIAN BRIDGE

OPTIONAL STAIRCASE

ELEVATED & TIERED
PEDESTRIAN WALKWAY

TWO LEVELS

CONNECTION TO LEVEL 3
OF PARKING DECK

SURVEYED EDGE OF BUILDING

EXIST R/W

RAILROAD ST

EXIST R/W

EXIST R/W

W. MAIN ST

EXIST R/W

LEGEND

- SIDEWALK
- STAIRCASE
- ELEVATED WALKWAY
- PEDESTRIAN BRIDGE
- STRUCTURAL SUPPORT
- PROPERTY LINE
- UP DIRECTION OF RAMPS

SCALE IN FEET



CANTON

PDP
PRACTICAL DESIGN PARTNERS

W MAIN ST PEDESTRIAN ACCESS					
ALTERNATE 1					
5/19/2025					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	MEAN UNIT PRICE	COST
ROADWAY					
150-1000	TRAFFIC CONTROL - ALTERNATE 1	LS	LUMP	\$ 60,000.00	\$ 60,000.00
210-0100	GRADING COMPLETE - ALTERNATE 1	LS	LUMP	\$ 325,000.00	\$ 325,000.00
441-0106	CONC SIDEWALK, 6 IN	SY	20	\$ 77.48	\$ 1,549.62
	TEMPORARY EROSION CONTROL	LS	LUMP	\$ 15,000.00	\$ 15,000.00
STRUCTURAL					
543-9000	CONSTRUCTION OF BRIDGE COMPLETE - 71'x11'x\$500/SF	LS	LUMP	\$ 390,500.00	\$ 390,500.00
543-9001	CONSTRUCTION OF RAMP SYSTEM COMPLETE - 425' x 11' x \$215/SF	LS	LUMP	\$ 1,005,125.00	\$ 1,005,125.00
999-0001	CONSTRUCTION OF STAIR TOWER COMPLETE	LS	LUMP	\$ 200,000.00	\$ 200,000.00
UTILITY					
	UNDERGROUND UTILITY CONVERSION	LS	LUMP	\$ 400,000.00	\$ 400,000.00
				SUB-TOTAL	\$ 2,397,174.62
				30% Contingencies	\$ 719,152.39
				TOTAL:	\$ 3,116,327.01

CANTON W MAIN ST
PEDESTRIAN ACCESS ALT-2

GEORGIA NORTHEASTERN RAILROAD

DISTRICT ON ETOWAH
PARKING DECK

PEDESTRIAN BRIDGE

ELEVATED PEDESTRIAN WALKWAY

SURVEYED EDGE OF BUILDING

EXIST R/W

RAILROAD ST

EXIST R/W

EXIST R/W

W. MAIN ST

EXIST RR R/W

EXIST R/W

CONNECTION TO LEVEL 3
OF PARKING DECK

CANTON

PDP
PRACTICAL DESIGN PARTNERS

SCALE IN FEET
0 10 20 40

LEGEND

- SIDWALK
- STAIRCASE
- ELEVATED WALKWAY
- PEDESTRIAN BRIDGE
- STRUCTURAL SUPPORT / WALL
- PROPERTY LINE
- UP DIRECTION OF RAMPS

W MAIN ST PEDESTRIAN ACCESS					
ALTERNATE 2					
5/19/2025					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	MEAN UNIT PRICE	COST
ROADWAY					
150-1000	TRAFFIC CONTROL - ALTERNATE 2	LS	LUMP	\$ 50,000.00	\$ 50,000.00
210-0100	GRADING COMPLETE - ALTERNATE 2	LS	LUMP	\$ 250,000.00	\$ 250,000.00
441-0106	CONC SIDEWALK, 6 IN	SY	130	\$ 77.48	\$ 10,072.53
	TEMPORARY EROSION CONTROL	LS	LUMP	\$ 30,000.00	\$ 30,000.00
STRUCTURAL					
500-3115	CLASS A CONCRETE, TYPE P2, RETAINING WALL	LF	98	\$ 1,038.48	\$ 101,770.93
543-9000	CONSTRUCTION OF BRIDGE COMPLETE - 73'x11'x\$500/SF	LS	LUMP	\$ 401,500.00	\$ 401,500.00
543-9001	CONSTRUCTION OF RAMP SYSTEM COMPLETE - 245' x 11' x \$215/SF	LS	LUMP	\$ 579,425.00	\$ 579,425.00
UTILITY					
	UNDERGROUND UTILITY CONVERSION	LS	LUMP	\$ 400,000.00	\$ 400,000.00
				SUB-TOTAL	\$ 1,822,768.46
				30% Contingencies	\$ 546,830.54
				TOTAL:	\$ 2,369,598.99

CANTON W MAIN ST
PEDESTRIAN ACCESS ALT-3



DISTRICT ON ETOWAH
PARKING DECK

GEORGIA NORTHEASTERN RAILROAD

EXIST RR R/W

PEDESTRIAN BRIDGE

ELEVATOR/STAIRCASE
FACILITY

SURVEYED EDGE OF BUILDING

EXIST R/W

RAILROAD ST

EXIST R/W

EXIST R/W

W. MAIN ST

EXIST R/W

CONNECTION TO LEVEL 3
OF PARKING DECK

EXIST R/W

EXIST R/W

LEGEND

- SIDWALK
- STAIRCASE / ELEVATOR
- ELEVATED WALKWAY
- PEDESTRIAN BRIDGE
- STRUCTURAL SUPPORT / WALL
- PROPERTY LINE
- UP DIRECTION OF RAMPS

SCALE IN FEET



CANTON

PDP
PRACTICAL DESIGN PARTNERS

W MAIN ST PEDESTRIAN ACCESS					
ALTERNATE 3					
5/19/2025					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	MEAN UNIT PRICE	COST
ROADWAY					
150-1000	TRAFFIC CONTROL - ALTERNATE 3	LS	LUMP	\$ 45,000.00	\$ 45,000.00
210-0100	GRADING COMPLETE - ALTERNATE 3	LS	LUMP	\$ 230,000.00	\$ 230,000.00
441-0106	CONC SIDEWALK, 6 IN	SY	210	\$ 77.48	\$ 16,271.01
	TEMPORARY EROSION CONTROL	LS	LUMP	\$ 20,000.00	\$ 20,000.00
STRUCTURAL					
543-9000	CONSTRUCTION OF BRIDGE COMPLETE - 81'x11'x\$500/SF	LS	LUMP	\$ 445,500.00	\$ 445,500.00
999-0002	CONSTRUCTION OF ELEVATOR TOWER COMPLETE, INCL. STAIRCASE	LS	LUMP	\$ 550,000.00	\$ 550,000.00
UTILITY					
	UNDERGROUND UTILITY CONVERSION	LS	LUMP	\$ 400,000.00	\$ 400,000.00
				SUB-TOTAL	\$ 1,706,771.01
				30% Contingencies	\$ 512,031.30
				TOTAL:	\$ 2,218,802.31

GEORGIA NORTHEASTERN RAILROAD

AT-GRADE RAIL CROSSING

SURVEYED EDGE OF BUILDING

RAILROAD ST

W. MAIN ST

EXIST R/W

-  SIDEWALK
-  STAIRCASE
-  ELEVATED WALKWAY
-  PEDESTRIAN BRIDGE
-  STRUCTURAL SUPPORT / WALL
-  PROPERTY LINE
-  UP DIRECTION OF RAMPS



W MAIN ST PEDESTRIAN ACCESS					
ALTERNATE 4					
5/19/2025					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	MEAN UNIT PRICE	COST
ROADWAY					
150-1000	TRAFFIC CONTROL - ALTERNATE 4	LS	LUMP	\$ 30,000.00	\$ 30,000.00
210-0100	GRADING COMPLETE - ALTERNATE 4	LS	LUMP	\$ 310,000.00	\$ 310,000.00
441-0106	CONC SIDEWALK, 6 IN	SY	400	\$ 77.48	\$ 30,992.40
	TEMPORARY EROSION CONTROL	LS	LUMP	\$ 15,000.00	\$ 15,000.00
STRUCTURAL					
500-3107	CLASS A CONCRETE, RETAINING WALL	CY	20	\$ 1,527.93	\$ 30,558.68
500-3110	CLASS A CONCRETE, TYPE P1, RETAINING WALL	LF	275	\$ 820.03	\$ 225,509.33
515-2015	GALV STEEL PIPE HANDRAIL -	LF	330	\$ 105.57	\$ 34,839.20
RAILROAD					
232-0001	RAILROAD CONSTRUCTION	LS	LUMP	\$ 85,000.00	\$ 85,000.00
232-8998	GRADE CROSSING, PRECAST CONCRETE	LF	35	\$ 471.69	\$ 16,509.15
500-3101	CLASS A CONCRETE	CY	2	\$ 1,871.92	\$ 3,743.85
UTILITY					
	UNDERGROUND UTILITY CONVERSION	LS	LUMP	\$ 400,000.00	\$ 400,000.00
				SUB-TOTAL	\$ 1,182,152.60
				30% Contingencies	\$ 354,645.78
				TOTAL:	\$ 1,536,798.38