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CITY OF AMESBURY
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NOV 30 PM 2:33

AMESBURY CITY CLERK

SPONSORED BY: *Kassandra Gove* BILL No. 2020-164
Kassandra Gove, Mayor

An Order to authorize a transfer of \$170,000 from Water Enterprise Retained Earnings to Fund Improvements at Goodwin Creek Water Main Crossing.

Summary: Water main replacement on Pleasant Valley Road at the Goodwin Creek Culvert. The funds will come from Water Enterprise Retained Earnings.

Be it Ordered by the City Council of the City of Amesbury assembled, and by the authority of the same as follows:

That the City Council transfers \$170,000 from Water Enterprise Retained Earnings to fund improvements at Goodwin Creek Crossing.

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AMESBURY CITY CLERK



Dept. of Public Works

Public Services, Water, Sewer, Engineering,
Refuse & Recycling, and Snow & Ice

Robert L. Desmarais, P.E., Director

39 South Hunt Road
Amesbury, MA 01913

Date: November 23, 2020

To: Mayor Kassandra Gove

Re: Goodwin Creek Water Main Crossing

The Department of Public Works requests an appropriation of \$170,000 from Water Enterprise Retained Earnings to fund the water main crossing at Goodwin Creek along Pleasant Valley Road. This water main crossing was disconnected in 2013.

The old 6" water main crossing was installed ~1900 and was placed under the stream. The pipe had several failures in the years leading up to 2015 disrupting service for Pleasant Valley Road residents. After a failure in 2015 the pipe was determined to be structurally unsound and further repair attempts were abandoned.

The proposed crossing consists of a 12" water main suspended adjacent to the Goodwin Creek Culvert. The installation of the culvert will improve the water quality and some flow to the residents along Pleasant Valley Road. The project is designed and permitted and is awaiting funding in order to proceed to bid.

Please find the attached plan and estimate.

Office Hours:

Monday - Friday:
7:00 a.m. - 3:00 p.m.
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Denise Toleos Administrative Assistant
denise@amesburyma.gov (978) 388-8116
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mary@amesburyma.gov (978) 388-8119

CITY OF AMESBURY DEPT. OF PUBLIC WORKS

AMESBURY MASSACHUSETTS

PRELIMINARY ESTIMATE MASTER SHEET

2017 STREET RECONSTRUCTION PROJECT

BID DATE:
ADDENDUM #

LATEST UP-DATE: 3/2014
DATE: 5/1/2014; 3/5/2020
ESTIMATOR: E.J.M.
TAKEOFF BY: EJM
PRICES BY: EJM
CONTRACTOR

ESTIMATE FROM PLANS BY: M.P. HARTFORD, P.E. DATED: 4/18/2019

DATE 9/1/2013

MASS DOT
MAT/LABOR
UNIT COST

UNIT COST
MATERIAL
LABOR
FY2014

TOTAL VALUE
CxE

M.H.D. ITEM NO.	ITEM DESCRIPTION	ESTM QUAN.	DATE MASS DOT MAT/LABOR UNIT COST	UNIT COST MATERIAL LABOR FY2014			TOTAL VALUE CxE
SITE CONSTRUCTION							
PLEAS. VALLEY RD. GOODWIN CREEK CROSSING							
101	Clearing and Grubbing	0.5 AC.	\$9,000.00	\$0.00	\$0.00	\$0.00	\$4,500.00
102.1	Tree Trimming	200 LF.	\$15.25	\$0.00	\$0.00	\$-	\$3,050.00
120.1	Unclassified Excavation	50 CY	\$25.00	\$0.00	\$0.00	\$-	\$1,250.00
123	Muck Excavation	25 CY	\$19.00	\$0.00	\$0.00	\$-	\$475.00
148.5	Remove/Dispose Asphalt	120 SY	\$16.00	\$0.00	\$0.00	\$-	\$1,920.00
129	Asphalt pavement/Cold Planer Pavement reclam F & I	120 SY SY	\$48.00	\$0.00	\$0.00	\$-\$ \$-	\$5,760.00 \$0.00
141	Class "A" Trench Excavation	200 CY	\$41.00	\$0.00	\$0.00	\$-	\$8,200.00
191.6	Test Pits	30 CY	\$60.00	\$0.00	\$0.00	\$-	\$1,800.00
142	Class "B" Trench Excavation	50 CY	\$30.00	\$0.00	\$0.00	\$-	\$1,500.00
144	Class "B" Rock Excavation	25 Cy	\$95.00	\$0.00	\$0.00	\$-	\$2,375.00
151	Gravel Borrow Gravel base course F & I	50 CY 40 TON	\$30.00	\$0.00	\$0.00	\$-\$ \$-	\$1,500.00 \$0.00
156	Crushed Stone for Drain etc.	25 TON	\$35.00	\$8.75	\$0.00	\$-	\$875.00
170	Fine Grade and Compact	120 SY	\$3.00	\$0.00	\$0.00	\$-	\$360.00
181.1	Disposal Contaminated Soil	0 TON					\$0.00
220	Drainage Structure Adjusted	0 EA	\$200.00	\$0.00	\$0.00	\$-	\$0.00
220.7	Sanitary Structures Adjusted	0 EA	\$200.00	\$0.00	\$0.00	\$-	\$0.00
303.015	6" D.I. Water Pipe (F & I)(Mech.Joint)	50 LF	\$70.00	\$18.72	\$0.00	\$-	\$3,500.00
303.12	12" D.I. Water Pipe (F & I)(Mech.Joint)	360 LF	\$90.00	\$41.50	\$0.00	\$-	\$32,400.00
304.12	Insulate 12" D.I. Water Pipe	350 LF	\$15.00				\$5,250.00
309	D. I. Fittings For Water Pipe	800 LB	\$5.44	\$0.00	\$0.00	\$-	\$4,352.00
347.019	3/4" TYPE "K" COPPER	50 LF	\$30.50	\$20.00	\$0.00	\$-	\$1,525.00
350.06	6" Gate / Box (New)	1 EA	\$1,250.00	\$427.00	\$0.00	\$-	\$1,250.00
350.12	12" GATE	2 EA	\$2,500.00	\$1,394.00	\$0.00	\$-	\$5,000.00
358	Gate Box	2 EA	\$185.00	\$113.00	\$0.00	\$113.00	\$370.00
363	12 X 6 REDUCER	2 EA	\$150.00				\$300.00
376	Hydrant (New)	1 EA	\$3,500.00				\$3,500.00

276.3	Hydrant (Remova & Stack)	0							\$0.00
381	Service Box	2 EA	\$200.00						\$400.00
384	Curb Stop -- 3/4"	2 EA	\$75.00	\$56.00	\$0.00	\$	-		\$150.00
402	Dense Graded for Sub-Base	150 CY	\$30.00	\$9.05	\$0.00	\$	-		\$4,500.00
420	Hot Mix Asphalt -- Base Course	325 TON	\$125.00	\$0.00	\$0.00	\$	-		\$40,625.00
657	Temporary Fence	500 LF	\$10.00	\$0.00	\$0.00	\$	-		\$5,000.00
697	Silt Fence	500 LF	\$5.00	\$0.00	\$0.00	\$	-		\$2,500.00
697.1	Silt Sack	0							\$0.00
702	Hot Mix Ashpalt Driveway	20 TON	\$160.00	\$0.00	\$0.00	\$	-		\$3,200.00
748	Mobilization	3 LS	\$750.00	\$0.00	\$0.00	\$	-		\$2,250.00
748.1	Temporary Water Service	500 LF	\$5.00						\$2,500.00
748.2	Miscellaneous Work & Cleanup	1 LS	\$2,500.00						\$2,500.00
751	Loam Borrow	50 CY	\$40.00	\$0.00	\$0.00	\$	-		\$2,000.00
765	Seeding	175 SY	\$2.00	\$0.00	\$0.00	\$	-		\$350.00
767.8	Bales of Hay for Erosion Control	50 EA	\$11.00	\$0.00	\$0.00	\$	-		\$550.00
850.41	Roadway Flager	0 HR	\$40.00	\$0.00	\$0.00	\$	-		\$0.00
853	Temporary Concrete Barriers	100 FT	\$55.00	\$0.00	\$0.00	\$	-		\$5,500.00
856	Arrow Board	10 day	\$10.00	\$0.00	\$0.00	\$	-		\$100.00
866.06	6" White Line	500 LF	\$0.50	\$0.00	\$0.00	\$	-		\$250.00
701.1	Miscellaneous Concrete Work PIER'S & GRADE Beam	1 EA	\$2,500.00	\$0.00	\$0.00	\$	-		\$2,500.00

TOTAL

\$ 165,887.00

ENR/FW DODGE DATA & ANALYTICS COST INDEX INCREASE BOSTON +2.1%

\$ 169,272.45