

**SANITARY SEWER FORCEMAIN EXTENSION
FOR THE CITY OF MADISON, GEORGIA**

JULY 17, 2015

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	Legacy Water Group, LLC 10120 Roberts Way Covington, GA 30014 678-712-2132		Hatfield Construction 669 Milledgeville Road Eatonton, GA 31024 478-288-6749		A&S Paving, Inc. P. O. Box 633 Lithonia, GA 30058 770-482-1597		Fortis Engineering Solutions 5256 Peachtree Road, Suite 120 Atlanta, GA 30341 706-816-2627	
				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
22250.00	ADDITIONAL STONE BEDDING - WET TRENCH CONDITIONS	CY	10	\$36.00	\$360.00	\$30.00	\$300.00	\$30.00	\$300.00	\$50.00	\$500.00
02227.00	ROCK REMOVAL-TRENCH ROCK	CY	20	\$70.00	\$1,400.00	\$70.00	\$1,400.00	\$70.00	\$1,400.00	\$70.00	\$1,400.00
02270.00	EROSION CONTROL										
02270.01	SILT FENCE-TYPE A	LF	3,577	\$1.40	\$5,007.80	\$2.00	\$7,154.00	\$1.75	\$6,259.75	\$2.25	\$8,048.25
02270.02	HAYBALE CHECK DAMS	EA	30	\$28.00	\$840.00	\$30.00	\$900.00	\$35.00	\$1,050.00	\$75.00	\$2,250.00
02300.00	BORING AND JACKING										
02300.01	JACK & BORE CONVENTIONAL-COMplete WITH 12" STEEL CASING AND 4" DIA. C900 DR 18 PVC CARRIER PIPE (RESTRAINED JOINTS REQUIRED)	LF	540	\$155.00	\$83,700.00	\$160.00	\$86,400.00	\$175.00	\$94,500.00	\$125.00	\$67,500.00
02300.02	ADD ON CHARGE - JACK & BORE THROUGH ROCK WITH 12" STEEL CASING AND 4" DIA. C900 DR 18 PVC CARRIER PIPE (RESTRAINED JOINTS) REQUIRED	LF	30	\$1.00	\$30.00	\$40.00	\$1,200.00	\$640.00	\$19,200.00	\$190.00	\$5,700.00
02300.03	JACK & BORE CONVENTIONAL-UNDER CSX RAILROAD-COMplete WITH 12" STEEL CASING (0.375" THICKNESS) AND 4" DIA. C900 DR 18 PVC CARRIER PIPE (RESTRAINED JOINTS REQUIRED)	LF	210	\$167.00	\$35,070.00	\$170.00	\$35,700.00	\$253.00	\$53,130.00	\$147.00	\$30,870.00
02300.04	ADD ON CHARGE - JACK & BORE THROUGH ROCK UNDER CSX RAILROAD WITH 12" STEEL CASING (0.375" THICKNESS) AND 4" DIA. C900 DR 18 PVC CARRIER PIPE (RESTRAINED JOINTS REQUIRED)	LF	10	\$1.00	\$10.00	\$50.00	\$500.00	\$678.00	\$6,780.00	\$190.00	\$1,900.00
02300.05	FREEBORE WITH 4" DIA. CLASS 350 DUCTILE IRON PIPE, COMPLETE (RESTRAINED JOINTS REQUIRED)	LF	70	\$80.00	\$5,600.00	\$40.00	\$2,800.00	\$117.00	\$8,190.00	\$60.50	\$4,235.00
02341.00	HORIZONTAL DIRECTIONAL DRILLING										
02341.01	HORIZONTAL DIRECTIONAL DRILLING (HDD) - 4" DR 11 HDPE FORCEMAIN	LF	1,765	\$21.00	\$37,065.00	\$35.00	\$61,775.00	\$20.65	\$36,447.25	\$29.00	\$51,185.00
02341.01	ADD ON CHARGE - HORIZONTAL DIRECTIONAL DRILLING (HDD) THROUGH ROCK-4" DR 11 HDPE FORCEMAIN	LF	100	\$1.00	\$100.00	\$20.00	\$2,000.00	\$52.65	\$5,265.00	\$320.00	\$32,000.00
02523.00	GRAVEL DRIVEWAY RESTORATION PER DETAIL GP-8 ON SHEET D2 OF THE PLANS.	LF	250	\$10.00	\$2,500.00	\$20.00	\$5,000.00	\$6.15	\$1,537.50	\$30.00	\$7,500.00
02601.01	CONNECT NEW 4" FORCEMAIN TO EX. MANHOLE; CORE, BOOT, ETC., REQUIRED-COMplete	LS	1	\$1,076.00	\$1,076.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,100.00	\$2,100.00
02732.00	SANITARY SEWER FORCEMAINS										
02732.01	4" DIA. C900 DR 18 PVC FORCE MAIN	LF	8,839	\$11.00	\$97,229.00	\$11.00	\$97,229.00	\$12.45	\$110,045.55	\$13.28	\$117,381.92
02732.02	4" DIA. CLASS 350 DIP FORCE MAIN	LF	80	\$24.00	\$1,920.00	\$25.00	\$2,000.00	\$25.51	\$2,040.80	\$43.48	\$3,478.40
02732.03	4" PLUG VALVE COMPLETE WITH VALVE BOX AND VALVE MARKER	EA	3	\$965.00	\$2,895.00	\$1,500.00	\$4,500.00	\$953.00	\$2,859.00	\$855.00	\$2,565.00
02732.04	COMBINATION SEWAGE AIR/VACUUM VALVE; COMPLETE WITH MANHOLE, ETC.	EA	8	\$3,645.00	\$29,160.00	\$2,500.00	\$20,000.00	\$2,637.00	\$21,096.00	\$3,855.00	\$30,840.00
02931.00	MULCHING AND PERMANENT GRASSING	LF	8,700	\$0.50	\$4,350.00	\$2.00	\$17,400.00	\$1.30	\$11,310.00	\$1.85	\$16,095.00
ATT. A	NPDES MONITORING PLAN	LS	1	\$1,500.00	\$1,500.00	\$7,500.00	\$7,500.00	\$2,500.00	\$2,500.00	\$2,750.00	\$2,750.00
MISC.	VIDEO AND PHOTOS OF PIPELINE ROUTE	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
1	ALLOWANCE FOR RAILROAD EMPLOYEES REQUIRED TO BE AT SITE DURING RAILROAD BORE. CONTRACTOR TO BE REIMBURSED UP TO A MAXIMUM OF \$3,000. MUST SUBMIT RAILROAD INVOICE.	LS	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
TOTAL BASE BID					\$313,312.80		\$358,258.00		\$389,410.85		\$391,798.57

**SANITARY SEWER FORCEMAIN EXTENSION
FOR THE CITY OF MADISON, GEORGIA**

JULY 17, 2015

ITEM NO.	DESCRIPTION	UNIT	Est. No. of Units	Mid-South Builders P. O. Box 878 Lithonia, GA 30058 770-484-9600		Griffin Bros., Inc. 103 Griffin Drive Maysville, GA 30558 706-677-3549		Cedar Farms & Construction, Inc. 2858 GA HWY 145 Eastanollee, GA 30538 706-491-7819	
				UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM	UNIT PRICE	TOTAL FOR ITEM
22250.00	ADDITIONAL STONE BEDDING - WET TRENCH CONDITIONS	CY	10	\$1.00	\$10.00	\$27.42	\$274.20	\$54.50	\$545.00
02227.00	ROCK REMOVAL-TRENCH ROCK	CY	20	\$70.00	\$1,400.00	\$70.00	\$1,400.00	\$70.00	\$1,400.00
02270.00	EROSION CONTROL								
02270.01	SILT FENCE-TYPE A	LF	3,577	\$1.50	\$5,365.50	\$2.00	\$7,154.00	\$2.07	\$7,404.39
02270.02	HAYBALE CHECK DAMS	EA	30	\$30.00	\$900.00	\$45.00	\$1,350.00	\$31.05	\$931.50
02300.00	BORING AND JACKING								\$0.00
02300.01	JACK & BORE CONVENTIONAL-COMplete WITH 12" STEEL CASING AND 4" DIA. C900 DR 18 PVC CARRIER PIPE (RESTRAINED JOINTS REQUIRED)	LF	540	\$140.00	\$75,600.00	\$148.22	\$80,038.80	\$173.23	\$93,544.20
02300.02	ADD ON CHARGE - JACK & BORE THROUGH ROCK WITH 12" STEEL CASING AND 4" DIA. C900 DR 18 PVC CARRIER PIPE (RESTRAINED JOINTS) REQUIRED	LF	30	\$100.00	\$3,000.00	\$200.00	\$6,000.00	\$1,529.96	\$45,898.80
02300.03	JACK & BORE CONVENTIONAL-UNDER CSX RAILROAD-COMplete WITH 12" STEEL CASING (0.375" THICKNESS) AND 4" DIA. C900 DR 18 PVC CARRIER PIPE (RESTRAINED JOINTS REQUIRED)	LF	210	\$160.00	\$33,600.00	\$184.43	\$38,730.30	\$440.66	\$92,538.60
02300.04	ADD ON CHARGE - JACK & BORE THROUGH ROCK UNDER CSX RAILROAD WITH 12" STEEL CASING (0.375" THICKNESS) AND 4" DIA. C900 DR 18 PVC CARRIER PIPE (RESTRAINED JOINTS REQUIRED)	LF	10	\$100.00	\$1,000.00	\$200.00	\$2,000.00	\$1,540.66	\$15,406.60
02300.05	FREEBORE WITH 4" DIA. CLASS 350 DUCTILE IRON PIPE, COMPLETE (RESTRAINED JOINTS REQUIRED)	LF	70	\$60.00	\$4,200.00	\$59.55	\$4,168.50	\$75.33	\$5,273.10
02341.00	HORIZONTAL DIRECTIONAL DRILLING								
02341.01	HORIZONTAL DIRECTIONAL DRILLING (HDD) - 4" DR 11 HDPE FORCEMAIN	LF	1,765	\$38.00	\$67,070.00	\$82.00	\$144,730.00	\$24.28	\$42,854.20
02341.01	ADD ON CHARGE - HORIZONTAL DIRECTIONAL DRILLING (HDD) THROUGH ROCK-4" DR 11 HDPE FORCEMAIN	LF	100	\$75.00	\$7,500.00	\$20.00	\$2,000.00	\$104.28	\$10,428.00
02523.00	GRAVEL DRIVEWAY RESTORATION PER DETAIL GP-8 ON SHEET D2 OF THE PLANS.	LF	250	\$6.00	\$1,500.00	\$13.44	\$3,360.00	\$11.70	\$2,925.00
02601.01	CONNECT NEW 4" FORCEMAIN TO EX. MANHOLE; CORE, BOOT, ETC., REQUIRED-COMplete	LS	1	\$1,000.50	\$1,000.50	\$1,575.00	\$1,575.00	\$814.00	\$814.00
02732.00	SANITARY SEWER FORCEMAINS								
02732.01	4" DIA. C900 DR 18 PVC FORCE MAIN	LF	8,839	\$22.00	\$194,458.00	\$14.01	\$123,834.39	\$12.64	\$111,724.96
02732.02	4" DIA. CLASS 350 DIP FORCE MAIN	LF	80	\$50.00	\$4,000.00	\$30.13	\$2,410.40	\$26.59	\$2,127.20
02732.03	4" PLUG VALVE COMPLETE WITH VALVE BOX AND VALVE MARKER	EA	3	\$2,400.00	\$7,200.00	\$1,103.57	\$3,310.71	\$1,057.85	\$3,173.55
02732.04	COMBINATION SEWAGE AIR/VACUUM VALVE; COMPLETE WITH MANHOLE, ETC.	EA	8	\$2,900.00	\$23,200.00	\$3,767.69	\$30,141.52	\$2,747.00	\$21,976.00
02931.00	MULCHING AND PERMANENT GRASSING	LF	8,700	\$1.00	\$8,700.00	\$1.00	\$8,700.00	\$1.04	\$9,048.00
ATT. A	NPDES MONITORING PLAN	LS	1	\$1,200.00	\$1,200.00	\$3,000.00	\$3,000.00	\$2,141.00	\$2,141.00
MISC.	VIDEO AND PHOTOS OF PIPELINE ROUTE	LS	1	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00	\$500.00
1	ALLOWANCE FOR RAILROAD EMPLOYEES REQUIRED TO BE AT SITE DURING RAILROAD BORE. CONTRACTOR TO BE REIMBURSED UP TO A MAXIMUM OF \$3,000. MUST SUBMIT RAILROAD INVOICE.	LS	1	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
TOTAL BASE BID					\$444,404.00		\$467,677.82		\$473,654.10

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JULY 17, 2015

TOTAL BID FOR THE SANITARY SEWER FORCEMAIN EXTENSION:

I hereby certify this to be a true and accurate tabulation
of bids received by the City of Madison, Georgia
on July 17, 2015 at 2:00 p.m.

Donald Baker, PE
Engineering Management, Inc.


