

MOLLOY BROS INC - 800 NW 27 AVE - FT LAUD - 33311

AS BUILT : Pipe Repair

Work Order No.:

ASBUILT

Address:

E Sunrise Blvd

Street:

Federal Hwy

Start Date:

1/13/2016

End Date:

1/14/2016

PROJECT # 11905 - ANNUAL UTILITIES RESTORATION : 2014-2015		Unit	Cost	Qty	
1	Mobilization and Demobilization	Location	2800	1	\$ 2,800.00
2	Well Point System complete (pump header & points) 40FT excavation	Location	1350		\$ -
2A	Additional cost for header pipe & points beyond 40FT in basic system under Item 2 (10' increase)	Location	65		\$ -
3	By-Pass pump between manholes for work on gravity sewer, incl: plugs	Location	450		\$ -
4A	Repair/Replace existing Gravity Sanitary Sewer: 8 or 10" dia., existing lateral stack/line incl: all fittings, install 6-inch lateral, wye or tee, excavation. Up to 40FT (Elev. 6.5)				
	i Location Invert elevation +2 to 0	Location	4500		\$ -
	ii Location Invert elevation (-)0.01 to (-)2	EA	9350		\$ -
	iii Location Invert elevation (-)2.01 to (-)4	EA	11700		\$ -
	iv Location Invert elevation (-)4.01 to (-)6	EA	13850		\$ -
	v Location Invert elevation (-)6.01 to (-)8	EA	14850		\$ -
	vi Location Invert elevation (-)8.01 to (-)10	EA	15450		\$ -
4B	Additional cost for Gravity Sanitary Sewer 8 to 10IN pipe main line (not laterals) beyond 40FT of pipe (elev. 6.5)				
	i Invert elevation +2 to 0	LF	40		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	60		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	80		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	100		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	120		\$ -
	vi Invert elevation (-)8.01 to (-)10	LF	140		\$ -
4C	Additional cost for ground elevation above 6.5FT per LF of sanitary sewer main line pipe replaced				
	i Ground elevation 6.5 to 8'	LF	10		\$ -
	ii Ground elevation 8.01 to 10'	LF	20		\$ -
	iii Ground elevation over 10'	LF	30		\$ -
4D	Additional cost for replacing 12", 15", 18" or 24" diameter gravity sewer				
	i 12-inch, all depths	LF	5		\$ -
	ii 15-inch, all depths	LF	7		\$ -
	iii 18-inch, all depths	LF	10		\$ -
5	Additional cost to furnish and install foundation stabilization, 1 foot deep increments				
	i Invert elevation +2 to 0	LF	2		\$ -
	ii Invert elevation (-)0.01 to (-)2	LF	2		\$ -
	iii Invert elevation (-)2.01 to (-)4	LF	2		\$ -
	iv Invert elevation (-)4.01 to (-)6	LF	2		\$ -
	v Invert elevation (-)6.01 to (-)8	LF	2		\$ -
6	Additional cost to remove existing pipe & install new pipe in existing manholes, all depths	Connections	750		\$ -
7	Repair/Replace existing Lateral (single or double incl: new wye or tee), Bends 50FT of 6" lateral & coupling in excavated area under 4A	Stacks	750		\$ -
7A	Repair/Install additional new 6 inch lateral line beyond 40FT from centerline of main	LF	8		\$ -
7B	Additional lateral repair cost for all ground elevations above 6.5	Location	100		\$ -
8A	Furnish/Install precast 4FT Sanitary Sewer, incl: excavation, cast iron frame & cover, 2 Pipe tie ins				
	i Manhole Invert elevation +2 to 0	Manhole	5500		\$ -
	ii Manhole Invert elevation (-)0.01 to (-)2	Manhole	10700		\$ -
	iii Manhole Invert elevation (-)2.01 to (-)4	Manhole	13650		\$ -
	iv Manhole Invert elevation (-)4.01 to (-)6	Manhole	15850		\$ -
	v Manhole Invert elevation (-)6.01 to (-)8	Manhole	16850		\$ -
	vi Manhole Invert elevation (-)8.01 to (-)10	Manhole	17450		\$ -
8B	Additional Manhole Installation cost for ground above 6.5				
	i Ground elevation 6.5 to 8'	Manhole	200		\$ -
	ii Ground elevation 8.01 to 10'	Manhole	400		\$ -
	iii Ground elevation over 10'	Manhole	600		\$ -

8C	Additional manhole installation for more than 2 pipe tie ins	Connections	500		\$	-
9	Furnish all material, labor & equipment to: i) excavate, haul & dispose of muck & unsuitable material; ii) supply, haul & install fill to replace the much & unsuitable material: <i>payment based on quantity of clean fill hauled-in & installed only</i>	CY	15		\$	-
10	Furnish & Install ductile iron pipe fittings, 350 rating sizes 4-24"	LB	2.25		\$	-
11	Furnish & Install 12" thick limerock base road replacement	SY	21		\$	-
12	Furnish & Install 2" thick asphaltic concrete between saw-cut or milled repair area	SY	23		\$	-
13	Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"	SY	20		\$	-
14	Provide traffic control & detour barricades on local residential roads	Locations	875		\$	-
15	Furnish & Install St. Augustine (Floritam) sod	SF	0.45		\$	-
16	Furnish & Install St. Augustine (Bahia) sod	SF	0.45		\$	-
17	Furnish all materials, labor & equipment to install & extract steel sheeting (Z piles) incl mobilization/demobilization, shoring, bracing, etc.	SF	35		\$	-
18	Additional cost for leaving sheeting in place	SF	25		\$	-
19	Furnish & Install flowable fill material	CY	85		\$	-
20	Furnish & Install temporary traffic bearing steel plate, 1" x 10' x 20' when called for & remove/haul upon completion	DAYS	150		\$	-
21	Restoration Allowance	AL	30000	0.0553333	\$	1,660.00
22	Permit Allowance	AL	5000		\$	-
23	Maintenance of Traffic Allowance for collector streets, county or state	AL	25000		\$	-
24	Time & Material Allowance					
	Foreman	HR	49	11.5	\$	563.50
	Lead Pipe Layer	HR	38	11.5	\$	437.00
	Tail Pipe Layer	HR	25	11.5	\$	287.50
	Truck Driver	HR	25	23	\$	575.00
	Laborer	HR	20		\$	-
	Excavator Operator	HR	32	11.5	\$	368.00
	Loader Operator	HR	30	11.5	\$	345.00
	Cat 330	HR	125		\$	-
	Cat 225	HR	100	11.5	\$	1,150.00
	Cat 305	HR	90		\$	-
	Cat 950	HR	85		\$	-
	Cat 936	HR	85		\$	-
	Cat 259	HR	80	11.5	\$	920.00
	Combination Backhoe/Front End Loader	HR	45		\$	-
	Vibrator compactor, 5 ton	HR	45		\$	-
	Asphalt roller, 5-8 ton	HR	45		\$	-
	Vibratory plate compactor	HR	25	7.5	\$	187.50
	road grader (medium, Cat12 or equal)	HR	75		\$	-
	Low Boy 50-T	HR	125	6	\$	750.00
	20' Flt Trk	HR	68	6	\$	408.00
	Paver, road class 8'-12'	HR	85		\$	-
	Trench Bx 6x16	HR	25		\$	-
	Trench Bx 8x20	HR	30		\$	-
	Trench Bx 8x24	HR	30		\$	-
	Sed Box, 7000gal	HR	35		\$	-
	Sed Box, 9000gal	HR	35		\$	-
	Pump, 8" Sub + 400ft discharge hose	HR	60		\$	-
	Pump, 6" Sub + 400ft discharge hose	HR	55		\$	-
	Pump, 4" Sub + 400ft discharge hose	HR	40		\$	-
	Pump, 3" Cent + 400ft discharge hose	HR	35	11.5	\$	402.50
	Pump, 2" Cent + 400ft discharge hose	HR	30	11.5	\$	345.00
	Dump Truck, Single axel	HR	35		\$	-
	Dump Truck, Double axel	HR	70	9	\$	630.00
	Cut off saw	HR	50	11.5	\$	575.00
	Hydraulic concrete chain saw	HR	100		\$	-
	Small Tools	HR	35	11.5	\$	402.50
	Turbidity Screen/barrier	HR	8		\$	-
	Material Allowance	AL	15000		\$	-
25	Storm Drainage Allowance	AL	25000		\$	-
26	Bond Allowance	AL	10000		\$	-
TOTAL WORK ORDER COSTS:					\$	12,806.50

MOLLOY BROS INC - 800 NW 27 AVE - FT LAUD - 33311

ESTIMATE

Date 02/02/16: Road replacement.rev

Work Order No.:

Address:

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Start Date:

End Date:

ESTIMATE

E Sunrise Blvd

Federal Hwy

TBD

TBD

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12	Furnish & Install 2" thick asphaltic concrete between saw-cut or milled repair area	SY	23	1160	\$ 26,680.00
13	Furnish all material, labor & equipment to mill and dispose of asphalt to depth of 2"	SY	20	35	\$ 700.00
14	Provide traffic control & detour barricades on local residential roads	Locations	875		\$ -
15	Furnish & Install St. Augustine (Floritam) sod	SF	0.45		\$ -
16	Furnish & Install St. Augustine (Bahia) sod	SF	0.45		\$ -
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24	Time & Material Allowance				
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	Tail Pipe Layer	HR	25		\$ -
	Truck Driver	HR	25	30	\$ 750.00
	Laborer	HR	20	69	\$ 1,380.00
	Excavator Operator	HR	32	23	\$ 736.00
	Loader Operator	HR	30	23	\$ 690.00
	Cat 330	HR	125		\$ -
	Cat 225	HR	100	16	\$ 1,600.00
	Cat 305	HR	90		\$ -
	Cat 950	HR	85	23	\$ 1,955.00
	Cat 936	HR	85		\$ -
	Cat 259	HR	80	12	\$ 960.00
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	Pump, 6" Sub + 400ft discharge hose	HR	55		\$ -
	Pump, 4" Sub + 400ft discharge hose	HR	40		\$ -
	Pump, 3" Cent + 400ft discharge hose	HR	35		\$ -
	Pump, 2" Cent + 400ft discharge hose	HR	30		\$ -
	Dump Truck, Single axel	HR	35		\$ -
	Dump Truck, Double axel	HR	70	30	\$ 2,100.00
	Cut off saw	HR	50	8	\$ 400.00
	Hydraulic concrete chain saw	HR	100		\$ -
	Small Tools	HR	35	24	\$ 840.00
	Turbidity Screen/barrier	HR	8		\$ -
	Material Allowance	AL	15000		\$ -
25	Storm Drainage Allowance	AL	25000		\$ -
26	Bond Allowance	AL	10000		\$ -
TOTAL WORK ORDER COSTS:					\$ 62,958.00