



CITY OF RIVER HEIGHTS					
Site "1" Storm Drain Improvements (Orchard Drive - 1000 East)					
COST ESTIMATE					
BASE BID					
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization and Demobilization	1	LS	\$ 5,000.00	\$ 5,000.00
2	Prepare and Implement Traffic Control Plan	1	LS	\$ 1,600.00	\$ 1,600.00
3	Asphalt Repair	2,200	SF	\$ 8.00	\$ 17,600.00
4	12" HDPE Pipe	380	LF	\$ 42.00	\$ 15,960.00
5	2' X 2' Junction Box	1	EA	\$ 2,200.00	\$ 2,200.00
6	Connect to Exist Sump	1	EA	\$ 1,000.00	\$ 1,000.00
7	2'X2' Bubble up Box	1	EA	\$ 2,200.00	\$ 2,200.00
8	Reconstruct ADA Ramp (Apron)	1	EA	\$ 3,500.00	\$ 3,500.00
9	Remove and replace curb and gutter	30	LF	\$ 30.00	\$ 900.00
Estimated Constuction Cost*:					\$ 49,960
Final Design/Construction Cost (12%)					\$ 5,995
Contingency (15%)					\$ 7,494
Total Estimated Constuction Cost:					\$ 63,449

As the Engineer has no control over the cost of labor, materials, equipment, the Contractor's methods of determining prices, or over competitive bidding or market conditions, the Opinions of Probable Construction Costs provided for herein are made on the basis of the Engineer's experience and past bid tabulations on other similar projects. These opinions represent the Engineer's best judgment as a design professional familiar with the construction industry. However, the Engineer cannot and does not guarantee that proposals, bids, or the construction cost will not vary from Opinions of Probable Construction Costs prepared by him/her.



CITY OF RIVER HEIGHTS					
Site "2" Storm Drain Improvements (River Heights Blvd.)					
COST ESTIMATE					
BASE BID					
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization and Demobilization	1	LS	\$ 4,000.00	\$ 4,000.00
2	Prepare and Implement Traffic Control Plan	1	LS	\$ 1,200.00	\$ 1,200.00
3	Asphalt Repair	2,000	SF	\$ 8.00	\$ 16,000.00
4	12" HDPE Pipe	10	LF	\$ 48.00	\$ 480.00
5	3' X 3' Box	1	EA	\$ 2,200.00	\$ 2,200.00
6	10 ft Deep Sump	1	EA	\$ 7,500.00	\$ 7,500.00
7	Construct Curb and Gutter	155	LF	\$ 20.00	\$ 3,100.00
8	6' Wide Crossdrain	950	SF	\$ 12.00	\$ 11,400.00
Estimated Constuction Cost*:					\$ 45,880
Final Design/Construction Cost (12%)					\$ 5,506
Contingency (15%)					\$ 6,882
Total Estimated Constuction Cost:					\$ 58,268

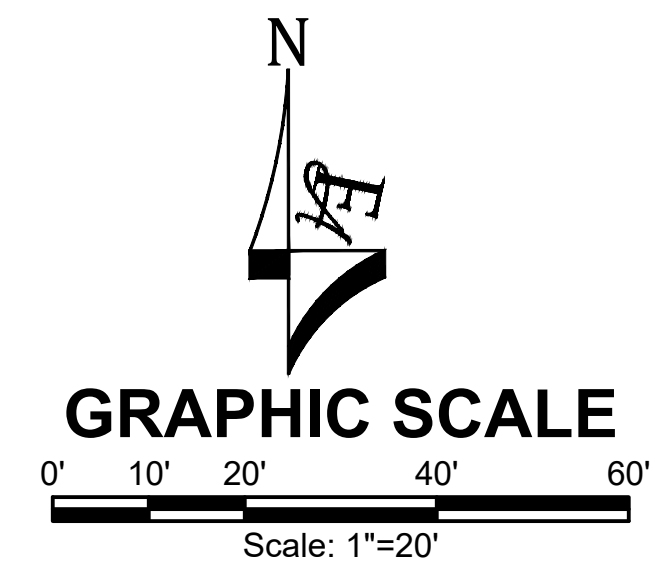
As the Engineer has no control over the cost of labor, materials, equipment, the Contractor's methods of determining prices, or over competitive bidding or market conditions, the Opinions of Probable Construction Costs provided for herein are made on the basis of the Engineer's experience and past bid tabulations on other similar projects. These opinions represent the Engineer's best judgment as a design professional familiar with the construction industry. However, the Engineer cannot and does not guarantee that proposals, bids, or the construction cost will not vary from Opinions of Probable Construction Costs prepared by him/her.



CITY OF RIVER HEIGHTS					
Site "3" Storm Drain Improvements (RIVER HEIGHTS BLVD. - 500 EAST)					
COST ESTIMATE					
BASE BID					
ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization and Demobilization	1	LS	\$ 4,000.00	\$ 4,000.00
2	Prepare and Implement Traffic Control Plan	1	LS	\$ 1,500.00	\$ 1,500.00
3	Remove existing Curb Wall	200	LF	\$ 4.00	\$ 800.00
4	Asphalt Repair	4,000	SF	\$ 8.00	\$ 32,000.00
4	12" HDPE Pipe	100	LF	\$ 48.00	\$ 4,800.00
5	2' X 2' Box	1	EA	\$ 2,200.00	\$ 2,200.00
6	Curb Inlet Box	1	EA	\$ 4,500.00	\$ 4,500.00
7	Construct Curb and Gutter	350	LF	\$ 20.00	\$ 7,000.00
8	Driveway Entry	300	SF	\$ 15.00	\$ 4,500.00
9	10 ft Deep Sump	1	EA	\$ 7,500.00	\$ 7,500.00
Total Base Bid (\$):					\$ 68,800
Final Design/Construction Cost (12%)					\$ 8,256
Contingency (15%)					\$ 10,320
Total Estimated Construction Cost:					\$ 87,376

**Assumptions*

As the Engineer has no control over the cost of labor, materials, equipment, the Contractor's methods of determining prices, or over competitive bidding or market conditions, the Opinions of Probable Construction Costs provided for herein are made on the basis of the Engineer's experience and past bid tabulations on other similar projects. These opinions represent the Engineer's best judgment as a design professional familiar with the construction industry. However, the Engineer cannot and does not guarantee that proposals, bids, or the construction cost will not vary from Opinions of Probable Construction Costs prepared by him/her.



NO.	REVISIONS	BY	DATE

DRAWN	_____
DESIGNED	_____
APPROVED	_____
QA	_____

ATTENTION
 LINE IS 2 INCHES
 AT FULL SIZE
 (IF NOT 2" SCALE ACCORDINGLY)

**PRELIMINARY
 DRAWING
 NOT FOR
 CONSTRUCTION**

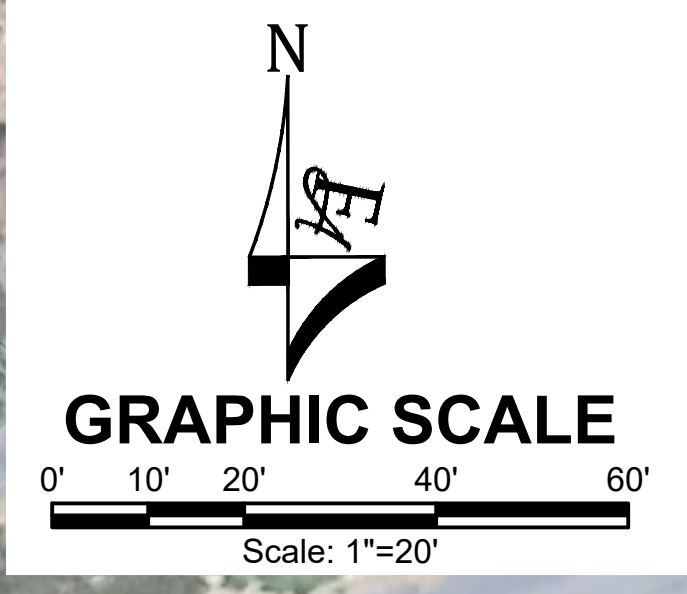


FORSGREN
Associates Inc.
 95 WEST 100 SOUTH, STE. 115, LOGAN, UT 84321
 PH: 435.227.0333 FAX: 435.227.0334



RIVER HEIGHTS STORM DRAIN EXHIBITS
 SITE "1" STORM DRAIN IMPROVEMENTS
 (ORCHARD DRIVE - 1000 EAST)

PROJECT NO: 14-13-0004
SHEET NO: EXHIBIT 1
DATE: Jul-24
PAGE NO: 1 of 3

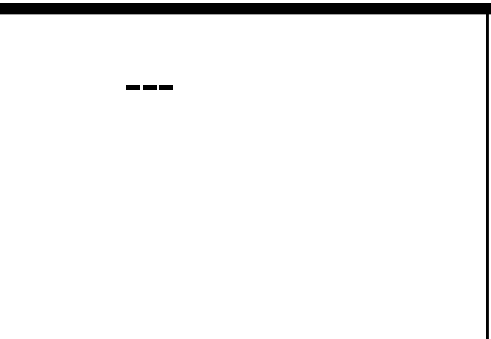


NO.	REVISIONS	BY	DATE

DRAWN	_____
DESIGNED	_____
APPROVED	_____
QA	_____

ATTENTION
 LINE IS 2 INCHES
 AT FULL SIZE
 (IF NOT 2" SCALE ACCORDINGLY)

**PRELIMINARY
 DRAWING
 NOT FOR
 CONSTRUCTION**

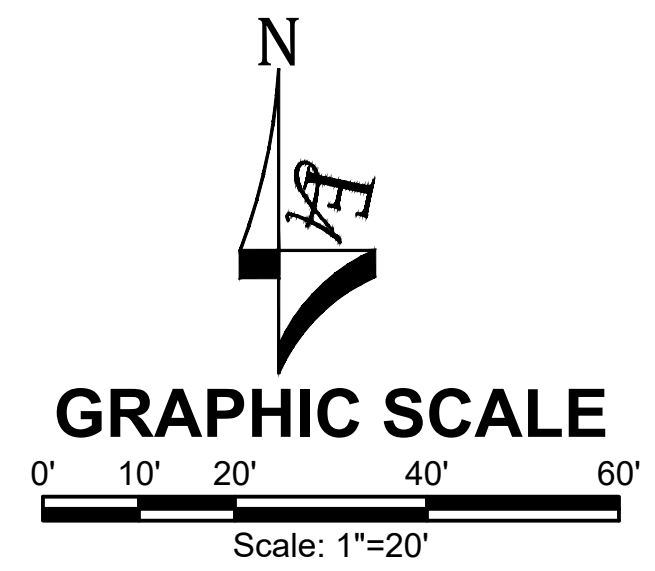


FORSGREN
Associates Inc.
 95 WEST 100 SOUTH, STE. 115, LOGAN, UT 84321
 PH: 435.227.0333 FAX: 435.227.0334



RIVER HEIGHTS STORM DRAIN EXHIBITS
 SITE "2" STORM DRAIN IMPROVEMENTS (RIVER HEIGHTS BLVD.)

PROJECT NO: 14-13-0004
SHEET NO: EXHIBIT 2
DATE: Jul-24
PAGE NO: 2 of 3

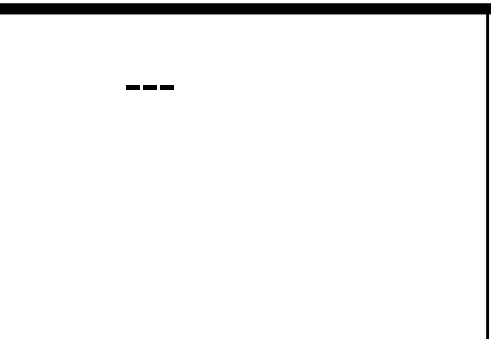


NO.	REVISIONS	BY	DATE

DRAWN	_____
DESIGNED	_____
APPROVED	_____
QA	_____

ATTENTION
 LINE IS 2 INCHES
 AT FULL SIZE
 (IF NOT 2" SCALE ACCORDINGLY)

**PRELIMINARY
 DRAWING
 NOT FOR
 CONSTRUCTION**



FORSGREN
Associates Inc.
 95 WEST 100 SOUTH, STE. 115, LOGAN, UT 84321
 PH: 435.227.0333 FAX: 435.227.0334



RIVER HEIGHTS STORM DRAIN EXHIBITS
 SITE "3" STORM DRAIN IMPROVEMENTS (RIVER
 HEIGHTS BLVD. - 500 EAST)

PROJECT NO: 14-13-0004
SHEET NO: EXHIBIT 3
DATE: Jul-24
PAGE NO: 3 of 3