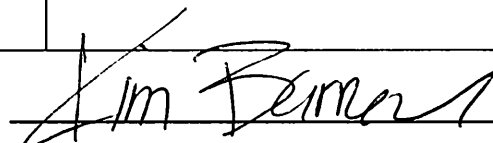


**Mayor's Office : Council Agenda Item Request Form**  
*This form and supporting documents (if applicable) are due the Wednesday  
before the COW meeting by noon.*

<b>Date Received</b> (office use)	
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<b>Date of Request</b>	09/26/2017
<b>Requesting Staff Member</b>	Tamaran Woodland
<b>Requested Council Date</b>	10/03/2017
<b>Topic/Discussion Title</b>	A Resolution of the Salt Lake County Council Approving Execution of a Cost-Sharing Agreement with Salt Lake City for the Jordan and Salt Lake Canal Bridge Construction.
<b>Description</b>	Salt Lake City is going to construct a bridge across the Jordan and Salt Lake Canal per the design contracted by Salt Lake County Flood Control. Bridge will enable Flood Control crews to access and remove debris from Big Cottonwood Creek. Bridge is beneficial to both entities and design had to be increased to accommodate Flood Control equipment. City to contract with a qualified firm to complete the work. City and County to coordinate during work. County to contribute 30% of construction costs, up to \$30,000 (total project estimate \$92,000).
<b>Requested Action<sup>1</sup></b>	Approval of Resolution
<b>Presenter(s)</b>	Tamaran Woodland
<b>Time Needed<sup>2</sup></b>	5 minutes
<b>Time Sensitive<sup>3</sup></b>	No
<b>Specific Time(s)<sup>4</sup></b>	N/A
<b>Contact Name &amp; Phone</b>	Tamaran Woodland, 385-468-6632
<b>Please attach the supporting documentation you plan to provide for the packets to this form. While not ideal, if supporting documents are not yet ready, you can still submit them by 10 am the Friday morning prior to the COW agenda. Items without documentation may be taken off for consideration at that COW meeting.</b>	

**Mayor or Designee approval:**



<sup>1</sup> What you will ask the Council to do (e.g., discussion only, appropriate money, adopt policy/ordinance) – in specific terms.

<sup>2</sup> Assumed to be 10 minutes unless otherwise specified.

<sup>3</sup> Urgency that the topic to scheduled on the requested date.

<sup>4</sup> If important to schedule at a specific time, list a few preferred times.

CONTRACT COVER PAGE

<b>Contract Number:</b> PP17123C <b>Version:</b> 1 <b>Desc:</b> FCE Cost Share Jordan & SL Can
<b>Supplier Name:</b> SALT LAKE CITY
<b>Comments:</b> FCE-Interlocal- Jordan and Salt Lake Canal Bridge Construction Cost Sharing Agreement. City to competitively procure and contract with the selected Contractor for the construction of the Jordan and Salt Lake Canal Bridge according to Appendix A. County to contribute 30% of the project up to \$30,000.00. Term for 1 year to 10/05/2018
<b>Contract Amount:</b> \$30,000.00
<b>Agency Name:</b> Flood Control Projects
<b>Period Performance from</b> 10/6/2017   to   10/5/2018
<b>Procurement Type:</b> EXI Exempt Interlocal <b>Reason Code:</b>
<b>Buyer:</b> KEldridge

**Mayor's Office : Council Agenda Item Request Form**  
*This form and supporting documents (if applicable) are due the Wednesday  
before the COW meeting by noon.*

<b>Date Received</b> (office use)	
--------------------------------------	--

<b>Date of Request</b>	09/26/2017
<b>Requesting Staff Member</b>	Tamaran Woodland
<b>Requested Council Date</b>	10/23/2017
<b>Topic/Discussion Title</b>	A Resolution of the Salt Lake County Council Approving Execution of a Cost-Sharing Agreement with Salt Lake City for the Jordan and Salt Lake Canal Bridge Construction.
<b>Description</b>	Salt Lake City is going to construct a bridge across the Jordan and Salt Lake Canal per the design contracted by Salt Lake County Flood Control. Bridge will enable Flood Control crews to access and remove debris from Big Cottonwood Creel and design had to Control equipment to complete the work during work. Cost costs, up to \$30,000.
<b>Requested Action<sup>1</sup></b>	Approval of Resolution
<b>Presenter(s)</b>	Tamaran Woodland
<b>Time Needed<sup>2</sup></b>	5 minutes
<b>Time Sensitive<sup>3</sup></b>	No
<b>Specific Time(s)<sup>4</sup></b>	N/A
<b>Contact Name &amp; Phone</b>	Tamaran Woodland, 385-468-6632
Please attach the supporting documentation you plan to provide for the packets to this form. While not ideal, if supporting documents are not yet ready, you can still submit them by 10 am the Friday morning prior to the COW agenda. Items without documentation may be taken off for consideration at that COW meeting.	

Please send  
Agenda form to  
Allison Meyer  
as well as copy  
of contract upon  
return

**Mayor or Designee approval:** \_\_\_\_\_

<sup>1</sup> What you will ask the Council to do (e.g., discussion only, appropriate money, adopt policy/ordinance) – in specific terms.

<sup>2</sup> Assumed to be 10 minutes unless otherwise specified.

<sup>3</sup> Urgency that the topic to scheduled on the requested date.

<sup>4</sup> If you have a specific time in mind, list a few preferred times.



# Supplier Contract Notification Form

Contract # (if existing) PP17123C  
Supplier Name Salt Lake City Corp Public Utilities  
Supplier ID 4404 #2

Please complete and attach the following information to the contract and send to Contracts and Procurement for processing.

## *Hard Copy of Fully Executed Contract Returned to:*

Contact Name Kaylene Eldridge Courier Address N3-120

Special Instructions:  
Contract #: PP17123C

Dept ID: 4610000000

## *Notice of Approved Contract*

Attention to \_\_\_\_\_ Email \_\_\_\_\_

Attention to \_\_\_\_\_ Email \_\_\_\_\_

Attention to \_\_\_\_\_ Email \_\_\_\_\_

## *Contract Expiration (Must have a PeopleSoft User ID)*

Notice of Expiration ☐ 120 days prior ☒ 90 days prior ☐ 60 days prior other \_\_\_\_\_

Contact Name Kaylene Eldridge Contact Email Keldridge@slco.org

Special Instructions:

## *Contract Insurance Expiration (Must have a PeopleSoft User ID)*

Notice of Expiration ☐ 120 days prior ☐ 90 days prior ☐ 60 days prior other \_\_\_\_\_

Contact Name \_\_\_\_\_ Contact Email \_\_\_\_\_

Special Instructions:

## Not-to-Exceed Contracts Only: *Notice of Approaching Limit*

Notify when \_\_\_\_\_% of contract limit spent.

Contact Name \_\_\_\_\_ Contact Email \_\_\_\_\_

RESOLUTION NO. \_\_\_\_\_, 2017

A RESOLUTION OF THE SALT LAKE COUNTY COUNCIL APPROVING  
EXECUTION OF AN INTERLOCAL COOPERATION AGREEMENT WITH  
SALT LAKE CITY FOR THE JORDAN AND SALT LAKE CANAL BRIDGE  
PROJECT.

W I T N E S S E T H

WHEREAS, the Parties are local governmental units and “public agencies” that are therefore authorized by the Utah Interlocal Cooperation Act, Section 11-13-101, *et seq.*, Utah Code Annotated (the “Interlocal Act”), to enter into agreements with each other for joint and cooperative action to make the most efficient use of their powers on a basis of mutual advantage; and

WHEREAS, the County contracted for the design of the Jordan and Salt Lake Canal Bridge (also referred to as Big Cottonwood Creek Bridge at Walker Lane) (the “Project”); and

WHEREAS, County and Salt Lake City (“City”) previously entered into a cost-sharing agreement to contribute towards the design plan of the above Project; and

WHEREAS, the City will be contracting for the construction of the Project; and

WHEREAS, County and City have determined this Project to be in both Parties’ interests, and desire to share costs for the construction of the Project; and

WHEREAS, the County and the City desire to enter into a cost sharing agreement to construct the above Project; and to enable County to contribute towards the cost of the construction of the Project; and

WHEREAS, it has been determined that the best interests of the County and the general public will be served by the execution of the attached Interlocal Cooperation Agreement and by participating as required therein.

R E S O L U T I O N

NOW, THEREFORE, IT IS HEREBY RESOLVED by the County Council of Salt Lake County that the attached Interlocal Cooperation Agreement is approved; and the Mayor is authorized to execute said agreement, a copy of which is attached as Exhibit 1 and by this reference made a part of this Resolution.

APPROVED and ADOPTED this \_\_\_\_ day of \_\_\_\_\_, 2017.

SALT LAKE COUNTY COUNCIL:

By: \_\_\_\_\_  
Steve DeBry, Chair

Date: \_\_\_\_\_

ATTEST:

\_\_\_\_\_  
Sherrie Swensen  
Salt Lake County Clerk

APPROVED AS TO FORM:

Angela Lane  
\_\_\_\_\_  
Angela Lane  
Deputy District Attorney

Date: 09/07/17

Council Member Bradley voting	_____
Council Member Bradshaw voting	_____
Council Member Burdick voting	_____
Council Member DeBry voting	_____
Council Member Granato voting	_____
Council Member Jensen voting	_____
Council Member Newton voting	_____
Council Member Snelgrove voting	_____
Council Member Wilson voting	_____

**EXHIBIT 1**  
**INTERLOCAL AGREEMENT**



**COST-SHARING AGREEMENT**

**between**

**SALT LAKE COUNTY**

**and**

**SALT LAKE CITY**

*Jordan and Salt Lake Canal Bridge Construction*

\*\*\*

THIS AGREEMENT ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2017, by the between SALT LAKE COUNTY (the "County"), and SALT LAKE CITY (the "City"). The County and City are sometimes referred to as the "Parties."

**RECITALS**

WHEREAS, the County contracted for the design of the Jordan and Salt Lake Canal Bridge and Access Ramp, Salt Lake County Project Number FP170001 (also referred to as Big Cottonwood Creek Bridge at Walker Lane); and

WHEREAS, County and City entered into a cost-sharing agreement to contribute towards the design plan of the above project, including the bridge design and access ramp design; and

WHEREAS, the City will be contracting for the construction of the Jordan and Salt Lake Canal Bridge (the "Project") and the County will be contracting separately for the construction of the access ramp, which will not be considered part of the Project or this Agreement; and

WHEREAS, County and City have determined this Project to be in both Parties' interests, and desire to share costs for the construction of the Project; and

WHEREAS, the County and the City desire to enter into a cost sharing agreement to construct the above Project; and to enable County to contribute towards the cost of the construction of the Project.

**AGREEMENT**

NOW, THEREFORE, in consideration of the mutual promises set forth herein, the parties agree as follows:

1. Project. The Project, as set forth in Appendix A, attached hereto and incorporated herein, shall be constructed by the City. City will competitively procure and contract with the



selected contractor, who will be a qualified contractor, to perform the Project. City will coordinate with County during the construction of this Project.

2. Finance. The estimated cost for the Project is Ninety-Two Thousand Dollars (\$92,000.00), as set forth in Appendix B attached hereto and incorporated by reference, which cost shall be shared between City and County as set forth below. County agrees to contribute approximately 30% of construction costs for bridge and City agrees to contribute approximately 70% of construction costs for the bridge. County agrees to contribute not-to-exceed Thirty Thousand Dollars (\$30,000) to the City to assist the City in procuring and paying for the necessary services to construct the Project. City shall provide County with an invoice for this cost, which undisputed invoice County agrees to pay within thirty days of receipt. In the event that greater funds are necessary to complete the project, City will contact County for further consultation. County will not be held responsible for further contributions except as agreed in a writing signed by both parties.

3. Duration and Termination. This Agreement shall take effect upon execution and terminate one year from the date of execution. The term may be extended by a writing signed by both Parties.

4. Liability. Both Parties are governmental entities under the Utah Governmental Immunity Act, UTAH CODE ANN. §§ 63G-7-101 to -904 (2010). Consistent with the terms of this Act, it is mutually agreed that each Party is responsible and liable for its own wrongful or negligent acts which it commits or which are committed by its agents, officials, or employees. Neither Party waives any defenses otherwise available under the Governmental Immunity Act.

5. Indemnification. The City agrees to indemnify and hold the County, its agents, officers, and employees from and against any and all actions, claims, lawsuits, proceedings, liability, damages, losses and expenses (including attorney's fees and costs), that directly result from the performance of this Agreement, but only to the extent the same are caused by any negligent or wrongful act or omission of City, its officers, agents, and employees.

The County agrees to indemnify and hold the City, its agents, officers, and employees from and against any and all actions, claims, lawsuits, proceedings, liability, damages, losses and expenses (including attorney's fees and costs), that directly result from the performance of this Agreement, but only to the extent the same are caused by any negligent or wrongful act or omission of County, its officers, agents, and employees.

6. Notice. Any notice required or permitted to be given hereunder shall be deemed sufficient if given by an communication in writing and shall be deemed to have been received (a) upon personal delivery or actual receipt thereof, or (b) within two days after such notice is deposited in the United States Mail, postage prepaid, and certified and addressed to the Parties as set forth below:

The County: Salt Lake County  
Public Works Director  
2001 South State Street, N3-120  
Salt Lake City, Utah 84100

The City: Salt Lake City  
Director, Department of Public Utilities  
1530 South West Temple  
Salt Lake City, Utah

7. County Ethical Representation. The COUNTY represents that it has not:
- a. Provided an illegal gift or payoff to a CITY officer or employee or former CITY officer or employee, or his or her relative or business entity;
  - b. Retained any person to solicit or secure this contract upon an agreement or understanding for a commission, percentage, or brokerage or contingent fee, other than bona fide employees or bona fide commercial selling agencies for the purpose of securing business;
  - c. Knowingly breached any of the ethical standards set forth in the CITY's conflict of interest ordinance, Chapter 2.44, Salt Lake City Code; or
  - d. Knowingly influenced, and hereby promises that it will not knowingly influence, a CITY officer or employee or former CITY officer or employee to breach any of the ethical standards set forth in the CITY's conflict of interest ordinance, Chapter 2.44, Salt Lake City Code.
8. City Ethical Representation. The CITY represents that it has not:
- e. Provided an illegal gift or payoff to a COUNTY officer or employee or former COUNTY officer or employee, or his or her relative or business entity;
  - f. Retained any person to solicit or secure this contract upon an agreement or understanding for a commission, percentage, or brokerage or contingent fee, other than bona fide employees or bona fide commercial selling agencies for the purpose of securing business;
  - g. Knowingly breached any of the ethical standards set forth in the COUNTY's conflict of interest ordinance, Chapter 2.07, Salt Lake County Code; or
  - h. Knowingly influenced, and hereby promises that it will not knowingly influence, a COUNTY officer or employee or former COUNTY officer or employee to breach any of the ethical standards set forth in the COUNTY's conflict of interest ordinance, Chapter 2.07, Salt Lake County Code.
9. Miscellaneous Provisions. It is mutually agreed and understood by and between said Parties that:

a. Agents, employees, or representatives of each Party shall not be deemed to be the agents, employees or representatives of the other;

b. This Agreement contains the entire agreement between the Parties, with respect to the subject matter hereof, and no statements, promises, or inducements made by either Party or agents for either Party that are not contained in this written contract shall be binding or valid; and this Agreement may not be enlarged, modified, or altered except in writing, and signed by the Parties.

c. No real or personal property will be acquired, held, or disposed of in this cooperative undertaking.

d. The County designates Kade Moncur as representative to assist in the management of this Agreement. The City designates \_\_\_\_\_ as representative to assist in the management of this Agreement. The representatives shall have no control over the means, methods, techniques or procedures employed in the services of this Agreement.

**[Signature Page to Follow]**

IN WITNESS WHEREOF, the Parties have entered into this Agreement as of the date first written above.

SALT LAKE COUNTY

By \_\_\_\_\_  
Mayor or Designee

SALT LAKE COUNTY  
ADMINISTRATIVE APPROVAL:

By: Kade Moncur  
Kade Moncur,  
Division Director

Date: 9/21/2017

SALT LAKE COUNTY  
APPROVAL AS TO FORM:

By: Angela Lane  
Angela Lane,  
Deputy District Attorney

Date: 09/07/17

SALT LAKE CITY CORPORATION

By \_\_\_\_\_  
Laura Briefer  
Director, Department of Public Utilities

Date: \_\_\_\_\_

ATTEST

\_\_\_\_\_  
City Recorder

SALT LAKE CITY  
APPROVAL AS TO FORM:

By: \_\_\_\_\_  
E. Russell Vetter,  
Deputy City Attorney

Date: \_\_\_\_\_

## Appendix A – Construction Drawings

# SALT LAKE CITY CORPORATION

## THE DEPARTMENT OF PUBLIC UTILITIES

DRAWINGS FOR CONSTRUCTION OF  
JORDAN AND SALT LAKE CANAL BRIDGE

PROJECT NO. XXXXXXXX  
FISCAL YEAR 2017-2018



PROJECT  
SITE



PROJECT LOCATION



JACKIE BISKUPSKI – MAYOR

CITY COUNCIL

JAMES ROGERS  
ANDREW JOHNSTON  
STAN PENFOLD  
DEREK KITCHEN

ERIN MENDENHALL  
CHARLIE LUKE  
LISA ADAMS

APPROVED

\_\_\_\_\_  
LAURA BRIEFER  
DIRECTOR OF PUBLIC UTILITIES

APPROVED

\_\_\_\_\_  
JASON BROWN, P.E.  
CHIEF ENGINEER

APPROVED

\_\_\_\_\_  
CARL L. COOK, P.E.  
PROJECT ENGINEER



SHEET INDEX

SHEET NO.	DRAWING NO.	SHEET TITLE
1	G-1	COVER SHEET
2	G-2	INDEX AND GENERAL NOTES
3	G-3	SURVEY CONTROL
4	G-4	EROSION CONTROL
5	B-1	BRIDGE SITUATION & LAYOUT
6	B-2	BRIDGE FOUNDATION PLAN & SECTIONS

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS, INCLUDING THE MANUAL OF STANDARD SPECIFICATIONS 2012 EDITION BY THE UTAH DEPARTMENT OF TRANSPORTATION AND THE UTAH CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION. THE CONTRACTOR SHALL ALSO CONFORM WITH THE MANUAL OF STANDARD PLANS 2012 EDITION BY THE UTAH CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION AND THE UTAH CHAPTER OF THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.
- COORDINATION: CONTRACTOR TO NOTIFY THE FOLLOWING 48 HOURS PRIOR TO CONSTRUCTION:
  - THE SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES @ (801)463-4764 TO SCHEDULE RELOCATION OF THE PROJECT;
  - SALT LAKE CITY COMMUNITY & ECONOMIC DEVELOPMENT DEPARTMENT ENGINEER @ (801)532-6245;
  - BLUE STAKES LOCATING SERVICES @ (801)208-2100;
  - SALT LAKE COUNTY HEALTH NOISE ORDINANCE - SANITATION AND SAFETY @ (801)313-6641.
- PUBLIC NOTICE:  
CONTRACTOR TO PROVIDE AND DISTRIBUTE APPROVED WRITTEN NOTICE OF CONSTRUCTION TO ALL RESIDENTS LOCATED IN THE CONSTRUCTION AREA AT LEAST 24 HOURS PRIOR TO CONSTRUCTION. WRITTEN NOTICE TO BE APPROVED BY THE SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES PROJECT ENGINEER.
- PERMITS:  
CONTRACTOR TO OBTAIN ALL NECESSARY PERMIT(S) AND COMPLY WITH ALL REQUIREMENTS.
- SCHEDULE:  
CONTRACTOR WILL PROVIDE AND UPDATE A CONSTRUCTION SCHEDULE IN ACCORDANCE WITH THE SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES ENGINEERING DIVISION REGULATIONS FOR WORKING IN THE PUBLIC WAY PRIOR TO CONSTRUCTION.
- SOIL TESTING:  
CONTRACTOR TO PROVIDE PROCTOR TEST DATA 24 HOURS PRIOR TO USE.  
CONTRACTOR TO PROVIDE COMPACTION AND DENSITY TESTING AS REQUIRED BY SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES. COMPACTION TESTING SHALL BE PERFORMED BY A LABORATORY WITH A MAXIMUM LIFT OF IMPORTED BACKFILL USED FOR BACKFILL OF EXCAVATIONS TO BE 8" MAXIMUM LIFT. ALL MATERIALS AND COMPACTION TESTING TO BE PERFORMED BY A LAB RECOGNIZED AND ACCEPTED BY SALT LAKE CITY COMMUNITY & ECONOMIC DEVELOPMENT DEPARTMENT.
- UTILITY LOCATIONS:  
CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING AND AVOIDING ALL UTILITIES AND SERVICE LATERALS (INCLUDING THOSE NOT SHOWN, OR SHOWN INCORRECTLY ON THE PLANS), AND FOR REPAIRING ALL DAMAGE THAT OCCURS TO THE UTILITIES DURING CONSTRUCTION. CONTRACTOR TO NOTIFY UTILITY COMPANIES 2 WEEKS IN ADVANCE OF UTILITY CONFLICTS REQUIRING SERVICE LATERALS. SEE SPECIFICATIONS FOR SPECIAL UTILITY COORDINATION. UTILITIES ARE FOUND IN THE PROJECT AREA. CONTRACTOR TO VERIFY DEPTHS OF UTILITIES IN THE FIELD BY POT HOLEING. IF A CONFLICT ARISES RESULTING FROM THE CONTRACTOR NEGLECTING TO POT HOLE UTILITIES, THE CONTRACTOR TO RESOLVE THE CONFLICT WITHOUT ADDITIONAL COST OR CLAIM TO THE OWNER.

- TRAFFIC CONTROL:  
CONTRACTOR TO CONFORM TO THE MOST CURRENT EDITION OF SALT LAKE CITY TRAFFIC CONTROL MANUAL (9 MARCH 2001 EDITION) AS A SUPPLEMENT TO PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). CONTRACTOR TO OBTAIN TRAFFIC CONTROL APPROVAL FROM THE SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES CHIEF ENGINEER. HOMEOWNER ACCESS TO THE EXISTING HOMES ALONG THE CANAL ROAD SHALL BE PROVIDED AT ALL TIMES, UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE HOMEOWNER AND IS APPROVED BY THE CITY.
- CHANGES:  
THE DESIGN LOCATION OR GRADE WILL BE MADE BY THE CONTRACTOR WITHOUT THE WRITTEN APPROVAL OF THE SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES CHIEF ENGINEER.
- SURVEY CONTROL:  
CONTRACTOR TO PROVIDE LICENSED SURVEYOR OR ENGINEER FOR THE SURVEYING OF EXISTING CONDITIONS AS SHOWN ON THE PLANS. ALL SURVEYING SHALL BE IN PLACE UNTIL FINAL MEASUREMENTS ARE COMPLETED BY SALT LAKE CITY PUBLIC UTILITIES DEPARTMENT SURVEYORS. CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND MONUMENT REFERENCE MARKS WITHIN THE PROJECT SITE.
- CONTRACTOR RESPONSIBLE:  
CONTRACTOR WILL BE RESPONSIBLE FOR DUST CONTROL ACCORDING TO GOVERNING AGENCY STANDARDS. WET DOWN DRY MATERIALS AND RUBBISH TO PREVENT BLOWING.  
CONTRACTOR IS RESPONSIBLE TO FURNISH ALL MATERIALS NECESSARY TO COMPLETE THE PROJECT.  
THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF SERVICE LINES FOR SEWER, WATER AND OTHER UTILITIES, AND REPAIRING ANY DAMAGE TO SUCH LINES AS A RESULT OF THE CONTRACTOR'S OPERATIONS.  
CONTRACTOR IS RESPONSIBLE FOR THE SAFETY OF THE PUBLIC, PROJECT PERSONNEL, AND WORKERS.  
THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE FROM DAMAGE. ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED TO ORIGINAL OR BETTER CONDITION TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.  
THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN ESTABLISHED RIGHTS OF WAY, AND TEMPORARY CONSTRUCTION EASEMENTS SHALL BE SHOWN. THIS SHALL INCLUDE BUT NOT BE LIMITED TO VEHICLES AND EQUIPMENT, LIMITS OF TRENCH EXCAVATION, EXCAVATED MATERIAL AND BACKFILL STORAGE. IF THE CONTRACTOR REQUIRES ADDITIONAL CONSTRUCTION EASEMENTS, IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN SUCH EASEMENTS FROM INDIVIDUAL PROPERTY OWNERS.

JORDAN AND SALT LAKE CANAL BRIDGE  
INDEX AND GENERAL NOTES

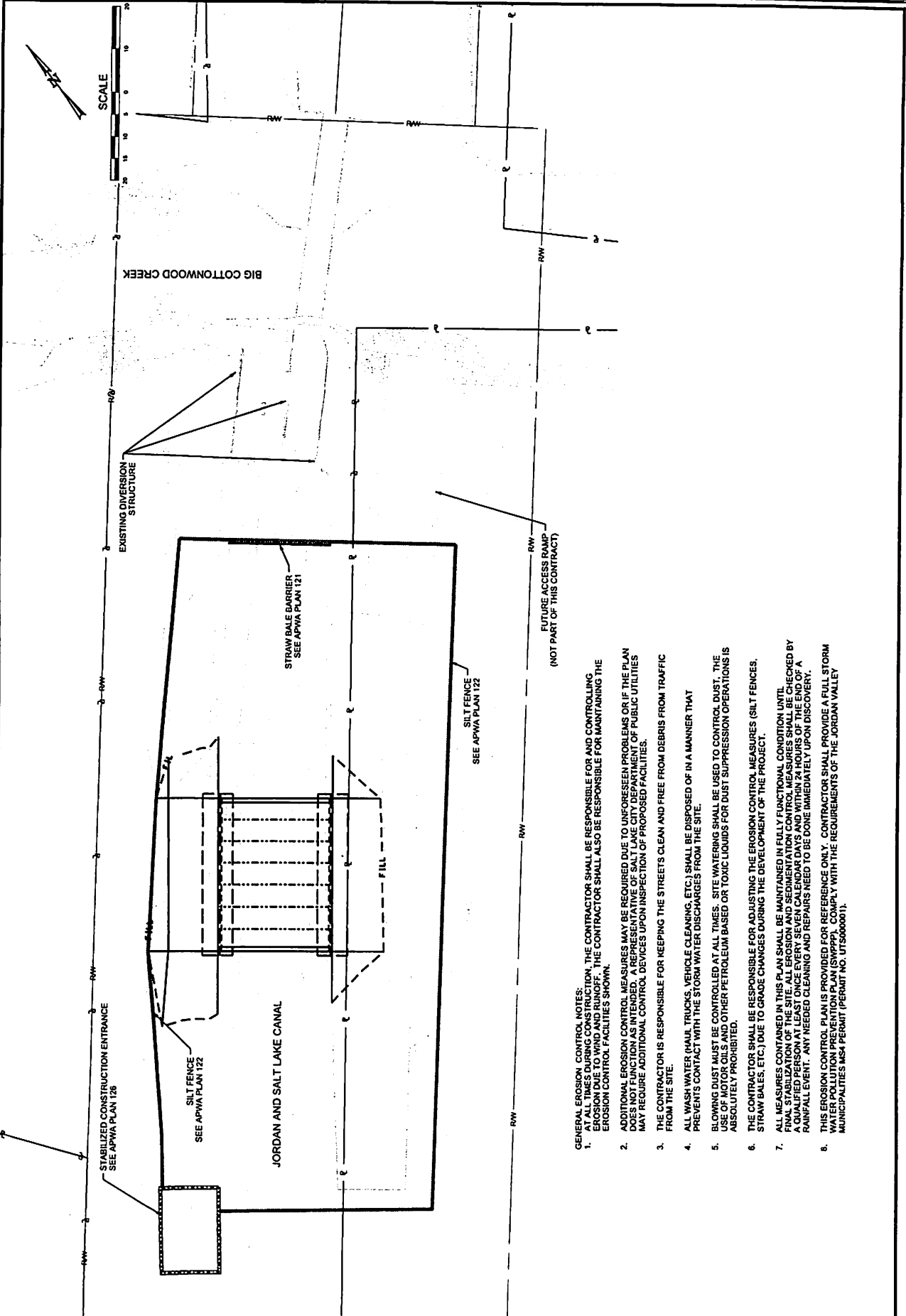


REVISIONS

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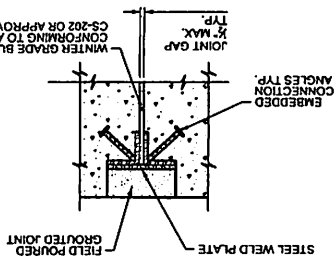
<b>UTAH'S SEAL</b> STATE OF UTAH OFFICE OF PUBLIC UTILITIES		<b>EROSION CONTROL</b> JORDAN AND SALT LAKE CANAL BRIDGE		SHEET 4 OF 8 G-4	
DESIGNED BY: C.L. COOK CHECKED BY: B. DOLAN APPROVED BY: K. COOK DATE: 04-04-2017 ACCOUNT NO.: XXXXXX	DRAWN BY: C.L. COOK CHECKED BY: B. DOLAN APPROVED BY: K. COOK DATE: 04-04-2017 ACCOUNT NO.: XXXXXX	REVISIONS NO. DATE DESCRIPTION 1 04-04-2017		SCALE: 1" = 20'	



- GENERAL EROSION CONTROL NOTES:
1. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND CONTROLLING EROSION DUE TO WIND AND RUNOFF. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE EROSION CONTROL FACILITIES SHOWN.
  2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS OR IF THE PLAN DOES NOT FUNCTION AS INTENDED. A REPRESENTATIVE OF SALT LAKE CITY DEPARTMENT OF PUBLIC UTILITIES MAY REQUIRE ADDITIONAL CONTROL DEVICES UPON INSPECTION OF PROPOSED FACILITIES.
  3. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE STREETS CLEAN AND FREE FROM DEBRIS FROM TRAFFIC FROM THE SITE.
  4. ALL WASH WATER (HAUL TRUCKS, VEHICLE CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT WITH THE STORM WATER DISCHARGES FROM THE SITE.
  5. BLOWING DUST MUST BE CONTROLLED AT ALL TIMES. SITE WATERING SHALL BE USED TO CONTROL DUST. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS ABSOLUTELY PROHIBITED.
  6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) DUE TO GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT.
  7. ALL MEASURES CONTAINED IN THIS PLAN SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY THE CONTRACTOR AND MAINTAINED AS NECESSARY THROUGHOUT THE CONSTRUCTION OF THE END OF A RAINFALL EVENT. ANY NEEDED CLEANING AND REPAIRS NEED TO BE DONE IMMEDIATELY UPON DISCOVERY.
  8. THIS EROSION CONTROL PLAN IS PROVIDED FOR REFERENCE ONLY. CONTRACTOR SHALL PROVIDE A FULL STORM WATER POLLUTION PREVENTION PLAN (SWPPP). COMPLY WITH THE REQUIREMENTS OF THE JORDAN VALLEY MUNICIPALITIES MSHA PERMIT (PERMIT NO. UT50606001).

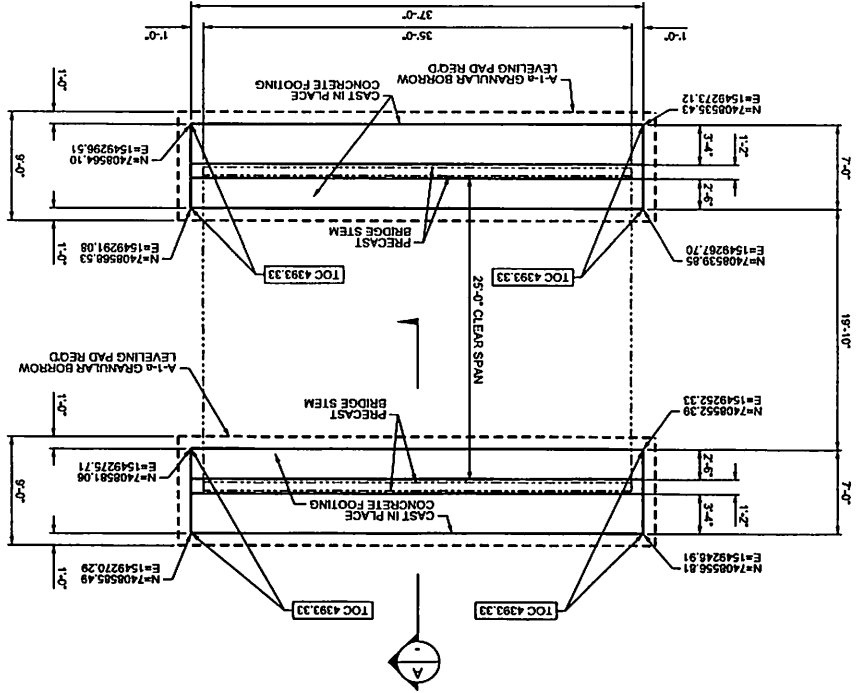


**WELD CONNECTION**  
TYPICAL BETWEEN TOP SECTIONS AND FLAT SLAB BASE SECTIONS (MAY VARY PER MANUFACTURERS' RECOMMENDATIONS)

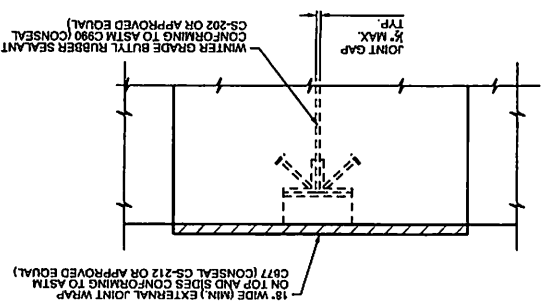


- NOTES:  
1. DIMENSIONS MAY VARY BY BRIDGE MANUFACTURER. VERIFY DESIGN WITH ENGINEER AFTER SELECTING BRIDGE.  
2. ELEVATIONS SHOWN ARE TO TOP OF CONCRETE FOOTING (TOC).  
3. OVER EXCAVATE AS DIRECTED BY THE ENGINEER TO REMOVE UNSUITABLE MATERIAL AND REPLACE WITH A-1-a.

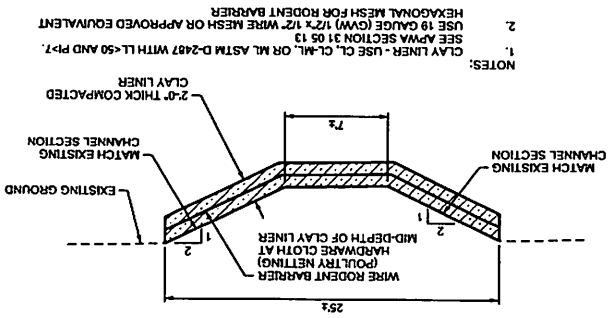
**FOUNDATION PLAN**  
1



**EXTERIOR WALL/TOP JOINT**  
3

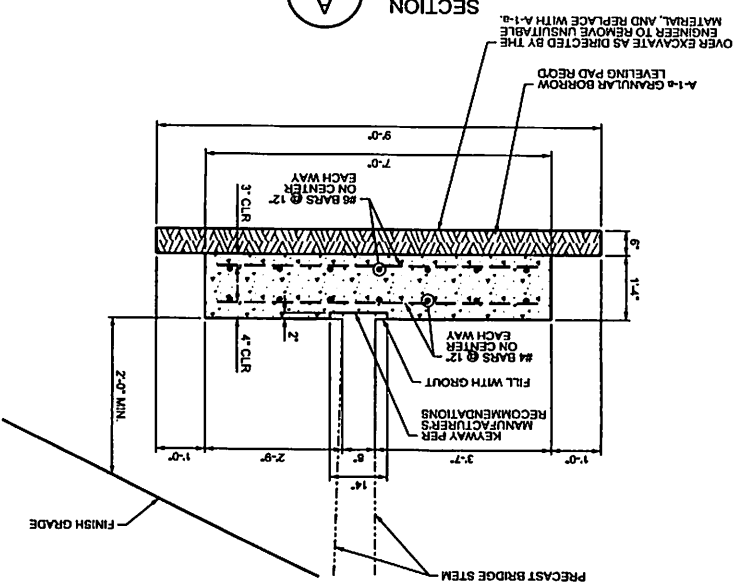


**CHANNEL RESTORATION SECTION**  
4



- NOTES:  
1. CLAY LINER - USE CL. CL. M.L. OR M.L. ASTM D-2487 WITH LL < 50 AND PI > 7.  
2. SEE ASPHA SECTION 31.05.13 USE 1/8 GAUGE (GVV) 1/2" 1/2" WIRE MESH OR APPROVED EQUIVALENT. HEXAGONAL MESH FOR RODENT BARRIER.

**SECTION A**



## Appendix B – Cost Estimate



**Jordan and Salt Lake Canal Bridge  
Near 2100 East 5100 South, Holladay, Utah**

<b>Opinion of Estimated Construction Costs</b>					
<b>90 Percent Design</b>					
<b>Updated 8/8/2017</b>					
<b>Precast Concrete Bridge Over Canal (25 ft Span x 6 ft Rise x 35 ft Wide)</b>					
<b>Item</b>					
<b>No.</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Amount</b>
1	Mobilization	Lump Sum	1	\$7,500.00	\$10,000.00
2	Survey	Lump Sum	1	\$1,500.00	\$1,500.00
3	Traffic Control	Lump Sum	1	\$1,000.00	\$1,000.00
4	Environmental Controls	Lump Sum	1	\$1,500.00	\$1,500.00
5	Structural Concrete (Bridge Footings, includes approximately 4,500 lb reinforcing steel)	Cubic Yards	20	\$725.00	\$14,500.00
6	Precast Concrete Bridge (25 ft Span x 6 ft Rise x 35 ft Wide)	Lump Sum	1	\$55,000.00	\$55,000.00
	<b>Subtotal</b>				<b>\$83,500.00</b>
	<b>10 Percent Contingency</b>				<b>\$8,350.00</b>
	<b>Right-of-Way</b>				<b>\$0.00</b>
	<b>Utilities</b>				<b>\$0.00</b>
	<b>Total Cost</b>				<b>\$91,850.00</b>
	<b>USE</b>				<b>\$92,000.00</b>