

City of Flagstaff

Rio de Flag Flood Control Project
Update and Change Order No. 13
March 17, 2020





Project Update



- **Project Design**
- **Real Estate**
- **Environmental**
- **BNSF**
- **USACE**



Project Design



- **City provided comments to the Army Corps and their Consultant**
 - December 4, 2019
- **USACE and their Consultant are reviewing**
 - Next submittal (Third) **Mid-March** for City review
- **City to complete the Utility Relocations, finalize the Storm Sewer Design and Street Reconstruction Plans**
 - Working with City consultant to complete
 - Coordinating with USACE consultant
- **USACE schedule for Completion of Design, May 2020**



Real Estate



- **Legal Descriptions for Affected Properties**

- Lower and Clay Wash

- **Appraisals**

- As legal descriptions are being finalized, appraisals are being ordered
- BNSF and commercial properties
- City leased properties have been requested
- All appraisals need to be reviewed by the Army Corps of Engineers



Environmental



- **BNSF has Permitted Access**
 - Testing and remediation underway
 - Complete environmental remediation – Council action
- **Revision to Phase I Documents**
 - Upper and Clay Wash
- **Environmental Work Plan Development**
 - Council action
- **Army Corps of Engineers Certification**



BNSF RAILWAY CO.



- **Working on Real Estate and Environmental**
- **Working with BSNF to review the Project Plans**
 - Coordinate utility relocations
- **Technical Meetings BNSF-COF**
 - Construction and Maintenance Agreements
 - Council Action for Agreements
- **Council visit to Headquarters, Ft. Worth TX**



USACE



- **Federal FY 20 Work Plan Funding, \$52M**
- **Project Construction**
 - Phase I – Lower and Clay Wash
 - Phase II – Upper
- **Agency Technical Review of Project Plans**
- **Advertise Phase I – July 2020**
- **Award Phase I Contract – September 2020**
- **Debriefing Meeting with BG Colloton, Col. Barta, Senator McSally's Office**



CHANGE ORDER NO. 13



History of Design Services with Shephard Wesnitzer, Inc.

- January 2005, Council approved the Original Design Contract
 - **\$1,582,521.00**, 275 days,
 - Contract Allowance **\$75,000** and Change Order Authority **\$150,750**
 - Part I – Based on 30% plans
 - Charter, Utility Maps, R/W Maps, Plans and Specifications
 - Completed April 27, 2005
 - Part II – At the Completion of Part I, added scope to complete design
 - Surveys, R/W Acquisition, Utility Relocation, Roadway Relocations, Mapping, Franchise



CHANGE ORDER NO. 13



History of Design Services with Shephard Wesnitzer, Inc.

- August 2005 to March 2009
 - **Three Change Orders** – added scope: Utilities, R/W needs and Title Report
 - \$38,417 with 991 days
 - **Seven Field Orders** – added scope: Exhibits, Calendar Days
 - \$10,063.96 with 300 days
 - **No Council Action**, authorized under City Manager’s Change Order Authority and Staff’s Contract Allowance Authority



CHANGE ORDER NO. 13



History of Design Services with Shephard Wesnitzer, Inc.

- May 5, 2009 Council Approval of Change Order No. 4
 - Change Order No. 4 – Revised scope based on results from Value Engineering Workshops facilitated by USACE.
 - Original Contract was based on a 30% scope.
 - Change Order No. 4 – Cost was based on added value of work
 - **\$1,038,036.34** with 270 days
 - Overall contract was extended with a credit from the Original Design Contract



CHANGE ORDER NO. 13



History of Design Services with Shephard Wesnitzer, Inc.

- September 2009 to March 2020
 - **Eight Change Orders** – added scope: Utility design and Calendar days
 - \$24,343.00 with 3,516 days
 - **Seven Field Orders** – added scope: Utility coordination, Subconsultants
 - \$5,904.13 with 0 days
 - **No Council Action**, authorized under City Manager’s Change Order Authority and Staff’s Contract Allowance Authority



CHANGE ORDER NO. 13



History of Design Services with Shephard Wesnitzer, Inc.

- March 17, 2020 Council Consideration
 - **Change Order No. 13** – added scope: Surveys, Storm Drain Analysis, Landscaping, Composite Channel, Sewer Design, Beal Bridge, Traffic Signal Modifications
 - **\$483,100** with 356 days
 - February 2019, USACE funding to complete plans
 - Plans had been on hold since 2010/2011
 - City and USACE reviewed, additional scope to finalize the design and meet the City's obligations per the Project Cooperation Agreement



CHANGE ORDER NO. 13



History of Design Services with Shephard Wesnitzer, Inc.

- **Change Order No. 13:**

- Scope has been reviewed by staff
- Coincides with USACE schedule to deliver Phase I
- On February 13, 2020 the Change Order Committee reviewed and recommended approval of the Change Order for consideration by the City Council