REQUEST FOR PROPOSALS

UTAH DEPARTMENT OF TRANSPORTATION

4 Interchanges on Bangerter HWY (SR-154)

Project No. S-0154(12)11

Salt Lake County

INSTRUCTIONS TO PROPOSERS (ITP)

Addendum ~~1~~ 8 - ~~September~~ November ~~29~~22, 2016

1.7. Proposal and Contract Award Schedule

1.7.1. Anticipated Schedule for Proposal and Contract Award Process

The following is the anticipated schedule for this procurement. The Department reserves the right to alter these dates. All deadlines areas shown in Table ITP-1, prevailing (Daylight or Standard) Mountain Time, unless otherwise noted.

TABLE ITP-1
PROPOSAL AND CONTRACT AWARD SCHEDULE

Event	Time	Date	Location
Issue Draft RFP		8/18/16	
Draft Industry Review Meeting	Assigned by Department	9/8/16	Region 2
Issue Final RFP		9/15/16	
One-on-One Meetings with Proposers	Assigned by Department	10/5/16	Region 2
One-on-One Meetings with Proposers	Assigned by Department	10/19/16	Region 2
One-on-One Meeting with Cities and USBOR	Assigned by Department	10/26/16	Region 2
One-on-One Meetings with Proposers	Assigned by Department	11/14/16	Region 2
Last day for initial submittal of an ATC	5:00 PM	11/9/16	
Last day for Department Responses to initial ATC requests	5:00 PM	11/17/16	
One-on-One Meetings with Proposers	Assigned by Department	11/28/16	Region 2
Last day for Resubmittal of ATCs	5:00 PM	11/29/16	
Last day to submit or resubmit Pass/Fails; Last day to respond to resubmit ATCs	5:00 PM	12/05/16	
Receipt of Proposers' Questions and Clarifications by Department (due date)	5:00 PM	12/1/16	
Issue Date for Final Clarification & Addenda	5:00 PM	12/8/16	
Submittal of Technical & Price Proposals (Proposal Due Date)	2:00 PM	12/22/16	Central Const. Desk
Submittal of Escrowed Proposal Documentation (due date)	1:00 PM	1/10/17	Central Construction
Selection of and Notification of Design-Builder (anticipated date)		1/~~23~~27/17	

Selected Proposer Escrow Documentation Review	8:00 AM	1/~~25~~30/17	Central Construction
Notice of Award (anticipated date)		1/26/17	
Proposer Teams' Proposal Debriefings (anticipated date)	TBD	2/16/17	Central
Contract Execution (anticipated date)		2/15/17	
Issuance of Notice To Proceed (NTP) (anticipated date)		2/16/17	

1.1.1. Proposal Due Date

Deliver the completed Proposal to the addressee at the address specified in Section 2.7.1 (Submission Requirements), no later than as shown in Table ITP-1 prevailing (Daylight or Standard) Mountain Time, on the date specified in Section 1.7.1 (Anticipated Schedule for Proposal and Contract Award Process) for Submittal of Proposals.

Note that the initial submittal of an Alternative Technical Concept (ATC) must be submitted by the date shown in Table ITP-1 for the Department's consideration. Table ITP-1 identifies the last day that any revision to a previously submitted ATC may be submitted to the Department and the Proposer be assured of the Department's response.

Also, note to assure a "Pass" is achieved for all Pass/Fail criteria, the Department highly encourages early submittal of each Pass/Fail criteria, except for the Legal and Financial Pass/Fail criteria, as the unacceptable Pass/Fail's may require multiple submittals prior to the Proposal Due Date to achieve a "Pass." Table ITP-1 identifies the last day that a Pass/Fail may be submitted to the Department and the Proposer be assured of the Department's response to the Pass/Fail prior to the Proposal Due Date.

1.2. The Proposer's Organization

1.2.1. Changes to Proposer's Organization

In order for a Proposer to remain qualified to submit a Proposal after it has been placed on the Short-List (unless otherwise approved in writing by the Department), Proposer's organization as identified in its Statement of Qualifications (SOQ) must remain intact for the duration of the procurement process. To change the organization represented in the SOQ by adding, substituting for, or deleting a Principal Participant, Key Personnel, and/or Designer, request written permission to do so from the Department at least as soon as possible prior to submitting the Proposal. If the request is to add or substitute a member to the organization, submit with the request that information specified for Principal Participant, Key Personnel, and/or Designer, in the RFQ, as applicable. If the request is to delete a Principal Participant, submit information as may be required by the Department to show that the changed team still meets the RFQ criteria (Pass/Fail and quality). Submit any changes to Key Personnel as soon as possible after release of the RFP.

Any change in Key Personnel must meet the Department's standard of "equal to" or "better than" the qualifications of the individual who was submitted in the Proposer's (SOQ).

REQUEST FOR PROPOSALS

UTAH DEPARTMENT OF TRANSPORTATION

4 Interchanges on Bangerter HWY (SR-154)

Project No. S-0154(12)11

Salt Lake County

CONTRACT DOCUMENTS

PART 4:

PROJECT DESIGN AND CONSTRUCTION REQUIREMENTS

Addendum ~~7~~ 8 - November ~~17~~22, 2016

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Part 4 Sections

1. Project Configuration
2. General Design Requirements
3. Advanced Traffic Management System (ATMS)
4. Drainage – Revised
5. Environmental Compliance – Revised
   Attachment 5-A (Environmental Commitments Table)
6. Geotechnical
   Attachment A (Geotechnical MOI)
7. Landscaping and Aesthetics
8. Lighting
9. Maintenance During Construction
10. Maintenance of Traffic
11. Pavement – Revised
12. Public Involvement and Information Services
13. Railroad
14. Right-of-Way - Revised
    Attachment 14-A (Right-of-Way Schedule)
    Attachment 14-B (Temporary Interstate Access Request Form)
    Attachment 14-C (ROW Acquisition Procedures)
15. Roadways – Revised
    Appendix 1 Project Design Criteria
    Appendix 2 Project Design Exceptions and Deviations
16. Signs
17. Structures
18. Traffic Signals
19. Utilities – Revised
20. Photographs

service life for drainage pipes or culverts under permanent structures such as retaining walls, MSE walls, buildings, etc. The service life is dependent upon the in place soil characteristics, such as resistivity and pH.

B. Do not use multiple-barrel or multiple-cell drainage pipes or structures.

C. Do not decrease the diameter of a drainage pipe in the downstream direction.

D. Locate cross drainage culverts and storm drain outfalls so that the outlet elevation is as close to the receiving channel flow line as possible.

E. Provide flared end sections or head walls on drainage pipe ends. Use headwalls on all drainage pipes with a diameter of 48 inches and greater; use end sections on drainage pipes less than 48 inches in diameter. Do not place end sections on irrigation pipes.

F. Do not allow new storm drain pipes to cross under the USBOR Aqueduct.

4D-4 Storm Drain Systems

Storm drain systems consist of ditches, swales, culverts, gutters, inlets, pipes, ponds, and other appropriate features designed to collect, convey, treat, and discharge stormwater to the receiving systems.

A. Place inlets based upon spread requirements in Table 4D-3 (Storm Drainage Maximum Spread), while meeting the maximum access spacing in Table 4D-4 (Access Spacing).

TABLE 4D-3
STORM DRAINAGE MAXIMUM SPREAD

ROAD FUNCTIONAL CLASS	DESIGN SPEED	MAXIMUM SPREAD
INTERSTATE AND ARTERIAL	< 45 mph	SHOULDER + 3 ft
	≥ 45 mph	SHOULDER[1]
	Sag	SHOULDER + 3 ft
COLLECTOR AND LOCAL ROADS	< 45 mph	1/2 DRIVING LANE
	≥ 45 mph	SHOULDER
	Sag	1/2 DRIVING LANE
STRUCTURES	NA	SHOULDER

1. At transition locations where shoulders taper to less than 6 feet in width to match the existing Bangerter Highway section, maximum spread is limited to 6 feet. At transition locations where run-on is received from upstream roadway areas, spread requirements must be met within 300 feet of the beginning of the transition (where a zero shoulder condition exists).

B. Design and locate inlets to limit stormwater to 0.25 cfs or less during the design storm event at intersection features including entrances, driveways, and pedestrian ramps. Exclude residential and detention facility maintenance access driveways.

C. At sag locations where stormwater has no outlet except through the inlet and storm drain system and failure of the drainage system could result in flooding or inundation of the roadway, use the sag location check event for both the inlet and the downstream conveyance system. Low points where water can overtop the curb and escape do not warrant being designed for the sag location design event.

1. Provide flanking inlets on either side of ~~the~~ new sag point inlets. Provide flanking inlets on either side of existing sag point inlets where flanking inlets do not exist and where the sag point inlets are impacted by or adjacent to proposed Project improvements. Flanking inlets are not to be considered as intercepting flow to reduce the bypass flow to the sag point.
2. Where high-back curb is used, ~~Use~~ use combination curb and grate inlets for all sag and low points located within the curb and gutter.

D. Determine inlet efficiency using Department standard grates, refer to UDOT Standard Drawings. Design inlets located in roadside ditches, interstate mainline, Bangerter Highway, and ramps with standard grates; design inlets located elsewhere with bicycle-safe grates. Use grates with grating bars oriented to match the orientation of the flow.

E. Storm drain computations are to account for inlet bypass flows.

F. Use a clogging factor of 30 % for inlets on grade and 50% for inlets in sag locations.

G. Inlets or cleanouts are required at the following locations:

1. Where three or more pipes converge,
2. At intermediate points along pipe sections such that the maximum access spacing is not exceeded,
3. Where pipe size or shape changes,
4. Where pipe material changes,
5. Where change in horizontal or vertical pipe alignment occurs.

H. Space inlets or cleanouts in accordance with Table 4D-4 (Access Spacing).

TABLE 4D-4
ACCESS SPACING

Size of Pipe (inches)	Maximum Spacing Distance (feet)
18-24	300
27-36	400
≥ 42	500

I. Do not locate inlets or cleanouts in or between travel lanes and/or shoulders. Place inlets or cleanouts on the outer edge of the shoulder.

J. Design storm drains to flow un-pressurized at the controlling design flow rate. Design storm drains so that the hydraulic grade lines (HGLs) are at least one foot below the finished grade at all times for the controlling check event (see Table 4D-1).

K. Account for energy losses in the design of the storm drainage system. Plot the design event HGL on the design plan storm drain profiles.

L. Design storm drains for a minimum full flow velocity of 2.5 feet per second (fps) and a maximum design velocity of 12 fps for the controlling design flow rates. The velocity will not be less than 2.0 fps at design flow.

M. Provide an 18 inch minimum diameter storm drainage pipes.

N. Design culverts that only convey stormwater based on Storm Drain System

b. Non-structural controls: maintaining pre-development flows, preserving natural drainage patterns, providing natural dispersion, grassed or vegetated swales and vegetated side-slopes.

4D-9 Detention Facilities

Design detention facilities to reduce peak flow discharge and to capture and retain sediments, oils, trash, and debris within the detention facility. Obtain approval on the location and layout for each detention facility. Detention basins in median or gore areas are not allowed. Adhere to the following minimum design requirements, unless specified otherwise in Table 4D-6.

A. Route stormwater flows along the bottom of the detention facilities and provide a pervious low-flow channel, four feet wide by six inches deep, except at Detention Basins 70-A, 90-A, 114-A, 114-B, and 114-C where flows are conveyed via pipe systems under and/or around the detention facilities. Provide a sloped pond bottom no flatter than 0.5% such that it drains toward the channel and/or outlet and maximizes potential to completely drain the pond.

B. Include a principal outlet and an emergency spillway.

C. Pond discharge via designed infiltration ~~featured~~ features or systems is not allowed. Subsurface outlet systems are not allowed except at outlet structures to drain water below orifice invert elevations or at detention basins noted in the paragraph above.

D. Design the principal outlet to convey the 10-year and 100-year design storms without allowing flow to enter the emergency spillway. Design detention facilities to be self-draining within 48 hours after the end of the 10-year design storm.

E. Design the emergency spillway(s) according to the following:

1. The 100-year event is the minimum event to be used to size the detention basin and establish the elevation of the emergency spillway.
2. Assume detention facilities are empty prior to the 100-year event.
3. Consider the orifice(s) non-functional when designing the outlet structure except at Detention Basins 70-A, 90-A, 114-A, 114-B, and 114-C.
4. Provide a minimum of 1.0 foot of freeboard between the 100-year event water level and the lowest point in the facility's berm (excluding the emergency spillway).
5. Address the impact of emergency discharges to adjacent and downstream properties and structures.

F. Provide maintenance access into the detention facilities in accordance with Table 4D-6 (Storage Facilities).

1. Construct access using six inch thick compacted untreated base course. Prepare subgrade in accordance with Department standards.
2. Access grades are not to exceed 15% at any location.
3. Ensure that the location and design of each access does not impair or reduce the functionality of the overall drainage system.

G. Provide 6-ft Type 3 chain link fencing around detention facilities when 10-year design depths exceed three feet unless the area is within a fenced, limited access facility. Provide a maintenance access gate for those facilities that require fencing.

1. For unfenced facilities provide trash racks for pipes greater than 24-inch.

H. Retention and subsurface storage facilities are not permitted with the exception of Storage Facility 54-D.

I. Provide detention facility improvements as specified in Table 4D-6 (Storage

Facilities).

TABLE 4D-6
STORAGE FACILITIES

Interchange	Detention Basin/Storage Facility ID and Location	Status	Improvements	Approval Required for Location Change[1]
5400 South	54-A (3687 West Whitewood Court)	Proposed Facility	Provide 12-foot access driveway along noise wall; full perimeter access not required. Provide compacted riprap on pond bottom.	No
5400 South	54-B (3695 West Alveron Drive)	Proposed Facility	Provide 12-foot access driveway along noise wall; full perimeter access not required. Provide compacted riprap on pond bottom.	No
5400 South	54-C (3765 West 5400 South)	Proposed Facility	Provide 12-foot access driveway along noise wall and curb; full perimeter access not required road. Provide compacted riprap on pond bottom.	No
5400 South	54-D	Proposed Storage Facility	Provide storage to meet allowable discharge requirements; see Table 4D-5, Discharge Location 54-2. Subsurface storage is allowed outside pavement limits~~.~~, provide manhole access directly to each end of the subsurface storage facility Discharge via infiltration is not allowed.	No
7000 South	70-A (Approx. 6700 South & Bangerter Hwy.)	Existing UDOT Facility	Re-grade facility to meet requirements specified in Section 4D-5. Reconstruct emergency spillway. Provide 12-foot perimeter access road on south, east, and north sides of facility. Provide access driveway to pond bottom.	Yes
9000 South	90-A (Approx. 9600 South & 3400 West)	Existing UDOT Facility	Re-grade facility to meet requirements specified in Section 4D-5. Provide emergency spillway. Provide 12-foot access road on east, north, and west sides. Provide turn-around on west side. Provide access driveway to pond bottom. Provide separate farmer access outside of perimeter fence.	Yes
11400 South	114-A (Approx. 12000 South, East of Bangerter Hwy.)	Existing UDOT Facility	No proposed improvements; direct stormwater runoff from Bangerter Highway sag to Detention Basin 114-B to reduce runoff directed to Detention Basin 114-A.	Yes
11400 South	114-B (South Jordan City 23-DET08 at 11800 South & 3600 West)	Existing South Jordan City Facility	Re-grade facility to provide 4.3 AF of additional storage volume with a minimum pond bottom slope of 0.7% and a minimum pond bottom elevation of 4579.5 feet. Grade to facilitate recreational use and replace landscaping in kind. Modify inlet and outlet structures and low flow piping system as required to restore system functionality. Obtain South Jordan City approval for proposed improvements in accordance with Part 4-07 (Landscaping and Aesthetics). No detention basin fencing required; protect existing east wall in place.	Yes
11400 South	114-C (Tippecanoe Way)	Proposed South Jordan City Facility	Provide new detention facility to detain stormwater runoff from Jordan Heights Phase 3. Obtain South Jordan City and Jordan Heights HOA approval for proposed improvements. Provide low flow channel or other as approved by City and Jordan Heights HOA. Locate facility outside PUE. No detention basin fencing required.	Yes

[1]Changes to storage facility or detention basin locations require Department approval as indicated in the table.

4D-10 Cross Drainage

Cross drainage consists of pipe culverts or structures designed to convey off-site flows from one side of the roadway embankment to the other.

A. The maximum headwater elevation is to meet to following criteria:
   1. Below the bottom of the pavement section.
   2. No greater than 4 feet above the crown of the culvert.
   3. Below the elevation where flows diverts around the culvert.
   4. No flooding beyond the Department ROW, easement, or prescriptive right.
   5. No change in elevations established to delineate National Flood Insurance Program (NFIP) or other floodplain mapping.

B. The minimum pipe diameter is 24 inches.

C. All changes in horizontal and/or vertical alignment require junction boxes.

D. Provide a concrete apron on the upstream and downstream ends for culverts larger than 48 inches.

E. Increase the diameter of proposed cross drainage pipes by six inches when the embankment over the top of the pipe exceeds eight feet.

F. Analyze and design Bingham Creek cross drainage structure improvements using a 100-year peak discharge of 603 cfs. Replace culvert and provide a 75-year design service life; see Section 4D-3. An open-bottom culvert is not allowed. Coordinate with the local floodplain administrator (West Jordan City) and Salt Lake County Flood Control. Provide a minimum culvert rise of 6 feet for maintenance purposes, and provide maintenance access. Prepare and obtain floodplain and flood control permits and comply with all floodplain requirements; see this Section 4D and Part 4-05 (Environmental Compliance). The Department will be the applicant for Salt Lake County flood control permits.

4D-11 Irrigation

A. Extend irrigation facilities from one side of the Department ROW to the other. Headwalls, wingwalls, and aprons are to be located within Department ROW or permanent easements. Install no access fencing to allow for third party maintenance access to irrigation facilities.

B. Coordinate any impacts to irrigation facilities with the owner of the facility. Maintain full functionality of irrigation systems from April 1 through October 31 each calendar year, unless otherwise approved by the facility owner in writing.

C. Relocate irrigation system downstream of Welby Canal Turnout 200, located near 4000 West, to maintain existing capacity and functionality for associated downstream water users. Abandon Turnout 200 and utilize Turnout 210, located near Tippecanoe Way between Hopkinton Circle and Belfry Circle, to supply water to the relocated irrigation system Obtain Welby Canal Company approval for turnout location and improvements. Obtain water user approval for downstream system improvements. Inverted siphons are not allowed.

4D-12 Floodplains

A. Coordinate all impacts to FEMA-regulated floodplains and changes to bridges and culverts located in FEMA-regulated floodplains with the Department, FEMA, the local

floodplain administrator, and Salt Lake County. Obtain all required stream alteration and floodplain-related permits and comply with the requirements of these permits and all applicable National Flood Insurance Program requirements.

B. As required by FEMA and/or local floodplain administrators, develop hydraulic models of the waterways and crossing structures to demonstrate hydraulic performance of new and existing structures.

C. Obtain approved Conditional Letters of Map Revision (CLOMR) and Letters of Map Revision (LOMR) as required by City and FEMA regulations. The Design-Builder bears all responsibility for the cost and time associated with obtaining new or revised CLOMRs and LOMRs, including submittal fees. The Design-Builder is responsible for preparation of all applicable permit applications, map revisions, and supporting documentation. The Department will be the applicant for all CLOMRs and LOMRs. Provide one hardcopy and one electronic copy of applications for CLOMRs and LOMRs to the Department, the appropriate floodplain administrator, and Salt Lake County.

4D-13 Groundwater

A. Provide an underdrain system to remove water from the pavement section when a free draining pavement section is not obtained or alternatively provide a modified pavement design.

1. Minimum pipe diameter is 8 inches.
2. Select geotextiles according to AASHTO M 288 and based on in-situ soil conditions.
3. Underdrain systems are required along Bangerter Highway through the limits of the sag curve under 11400 South. For other roadway facilities, underdrain systems are not required if it is demonstrated through geotechnical investigation that the groundwater elevation is greater than 10 feet below the bottom of the pavement section.

B. Protect the flow quantity and quality of the wells and/or springs during and after construction.

C. Adhere to the standards of the Utah Division of Water Rights when abandoning a well is required.

4D-14 Erosion Control

Provide temporary and permanent erosion control measures that reduce sediment from being discharged from Department ROW in accordance with the requirements of all applicable Project documents and permits.

A. Size each erosion control measure using the same design storm event that was used for the discharging facility.

B. Analyze storm drain, culvert, and cross drain outlets for erosion and scour hole development per HEC-14.

C. Provide erosion protection and energy dissipation to mitigate downstream erosion at all storm drain, culvert, and cross drain outlets based on HEC-14 or other methodology as approved by the Department. Provide a loose riprap apron for velocities greater than 4 fps but less than 15 fps. Provide an energy dissipater for velocities of 15 fps or greater.

D. Meet Salt Lake County Flood Control requirements for storm drain, culvert, and cross drain outlets discharging to Bingham Creek.

~~A.~~E. Analyze all channel changes and re-alignments for erosion and scour potential and design appropriate protection or mitigation per HEC-20.

4D-15 Drainage Report

Prepare a Drainage Report following the outline shown in Table 4D-6 (Drainage Report Outline). Retain the existing section and subsection headings. If a section or subsection is not used, or is pending a future design submittal, indicate under the given section heading the reason why it is not included or not applicable to the Project. Provide new sections as necessary. Provide line numbering in all draft reports to facilitate review. Provide a page number for each report page including appendices.

TABLE 4D-7
DRAINAGE REPORT OUTLINE

1 INTRODUCTION
- 1.1 Project Location
- 1.2 Description of Existing Drainage Conditions
- 1.3 Description of Improvements
- 1.4 Concept Design
- 1.5 Discussion Of Drainage Investigation

2 OFF-SITE AREA DRAINAGE
- 2.1 Location And General Discussion
- 2.2 Hydrology And Design Flow Development
  - 2.2.1 Information Sources
- 2.3 Agency Coordination
- 2.4 Description of Structural Design
- 2.5 Hydraulic Design
- 2.6 Sediment and Erosion Control

3 ON-SITE AREA DRAINAGE
- 3.1 General Discussion
- 3.2 Design Coordination
  - 3.2.1 Department Coordination
  - 3.2.2 Local Agencies
  - 3.2.3 Irrigation Companies
- 3.3 Hydrology
  - 3.3.1 Drainage Basin Delineations & Characterization
  - 3.3.2 Existing Basins
  - 3.3.3 Proposed Basins
  - 3.3.4 Analysis and Results
- 3.4 Pavement, Median and Roadside Drainage
  - 3.4.1 Inlet/Catch Basin Spacing Design
  - 3.4.2 Storm Drainage Design

TABLE 5C-1
SUMMARY OF GOVERNMENTAL PERMITS FOR ENVIRONMENTAL CONCERNS

Permit	*Agency or Governmental Entity with Jurisdiction*	*Status*
UPDES Construction General Permit for Construction Activities	UDEQ/DWQ	Design-Builder to obtain
UPDES Construction Dewatering and Hydrostatic Testing	UDEQ/DWQ	Design-Builder to obtain
Fugitive Dust Emission Control Plan	UDEQ/DAQ	Design-Builder to obtain
Stream Alteration Permit at Bingham Creek	UDNR/DWR	Design-Builder to obtain
Clean Water Act Nationwide Permit at Bingham Creek	USACE	Department to obtain
Flood Control Permits	Salt Lake County	Design-Builder to obtain
Conditional Letter of Map Revision (CLOMR) and Letter of Map Revision (LOMR)	City of West Jordan (Local Floodplain Administrator) and FEMA	Design-Builder to obtain[2]
Phase I and Phase II Environmental Assessment at Bingham Creek Approval	UDEQ/DERR	Department to obtain
Noise Permit	Salt Lake County Health Department	Department to obtain

1. The Department is to be listed as the applicant for Department discharges to County facilities and for the Bingham Creek culvert. The applicable city is to be listed as the applicant for flood control permits associated with municipal discharges to County facilities.
2. See Section 4-04 (Drainage).

5C-3.2 Department Approval

Submit each Governmental permit application with supporting documentation to the Department for review. The Department will review the application and respond within 14 Calendar Days with either approval or disapproval. If the application is not approved, revise it in accordance with the Department's comments and resubmit. After the Department has approved and (if required) signed an application and returned it to the Design-Builder, submit the completed application to the appropriate Governmental Body.

5C-3.3 Documentation

Provide the Department with copies of all environmental submittals, correspondence, and secured Governmental Permits within seven Calendar Days of occurrence, and maintain records of said materials.

5C-3.4 Design-Builder Initiated Changes

If previously issued Environmental Documents or Governmental Permits become invalid because of Project changes initiated by the Design-Builder, undertake all necessary actions (such as applications, revisions, supplements, reassessments, reevaluations, and coordination with the appropriate Governmental Bodies) to secure and/or amend the Environmental Documents and/or Governmental Permits. E-mail the Department Environmental Coordinator a minimum of seven Calendar Days in advance of any meeting with Governmental Bodies. Meetings shall not be held when Department personnel are not present. Any proposed changes must be approved by the Department prior to any contact with Governmental Bodies.

In all cases, it shall be assumed that Environmental Documents and/or Governmental Permits are invalidated if there is any change in the Project.

Contact the Utah Division of Air Quality (DAQ) and obtain the appropriate Air Quality Permit for the Project. Permit application forms can be obtained from DAQ's web site (http://www.deq.utah.gov/Permits/air/index.htm). Refer to:

Utah Division of Air Quality
150 North 1950 West
PO Box 144820
Salt Lake City, UT 84114-4810
Phone: (801) 536-4000; Fax: (801) 536-4099

Do not proceed with Work affecting air quality without an Air Quality Approval Order, a Notice of Intent To Approve letter, or a Temporary Approval Order for the Project, process, or equipment to be used.

5C-6.2 Air Protection Control Plan

Develop, implement, and maintain a Fugitive Dust Emission Control Plan in accordance with the Permit requirements set forth by DAQ.

5C-7 Wetlands, Water Resources and Stormwater

5C-7.1 Wetlands, Waters of the US, and Floodplains

The Department has identified that the Project may impact potentially jurisdictional wetlands and the 100-year floodplain associated with Bingham Creek at the 9000 South interchange. The Department will obtain the Nationwide 3 Permit. Obtain other applicable permits including the Stream Alteration Permit and Flood Control Permit. Obtain approved Conditional Letters of Map Revision (CLOMR) and Letters of Map Revision (LOMR) as required by City and FEMA regulations; see Section 4-04 (Drainage). Comply with all conditions of the permits during construction and ensure the permits have been obtained prior to any construction activities.

5C- 7.2 Stormwater and Ground water

Following the Department's approval of each interchange's individual SWPPP, and prior to any construction activities, submit an individual Notice of Intent (NOI) for each interchange and comply with the UPDES Construction General Permit.

Prior to discharge of groundwater, obtain a UPDES Construction Dewatering Permit.

5C-7.3 USBOR Aqueduct

Follow all conditions specified in the Project Agreements in Part 6 (Third-Party Agreements) with the Bureau of Reclamation and Jordan Valley Water Conservancy District.

5C-8 Noise

Control construction noise and vibration in accordance with Standard Specification 01355. Comply with applicable state and local municipal ordinances. The Department will obtain a noise permit and a variance to the Noise Ordinance for night work for Work within the limits shown in the ROW drawings in Part 7 (Contract Drawings). Design-Builder is responsible to obtain a noise permit for all night time work outside of the Construction Limits shown in the ROW drawings in Part 7 (Contract Drawings) and must be secured 10 days prior to the work occurring or late fees will be assessed. The following activities will not be allowed from 10:00 PM to 7:00 AM: concrete saw cutting, breaking of concrete, pavement grinding in outside lanes, pile driving & jackhammering. There is no guarantee that a variance will be issued. Provide five Calendar Days notice before starting night work. Provide lighting for inspection and construction operations. Prior approval will be necessary from the Salt Lake County Health Department

on any off site night work and must be secured 10 days prior to the work occurring or late fees will be assessed.

Modifications to the noise walls shown in Part 7 (Contract Drawings) require approval to ensure abatement measures meet the requirements found in Department's current Noise Abetment Policy 08A2-01.

5D. SUBMITTALS

Provide submittals to the Department in accordance with Table 5D-1 (Design-Builder Submittals for Environmental Compliance).

TABLE 5D-1
DESIGN-BUILDER SUBMITTALS FOR ENVIRONMENTAL COMPLIANCE

Submittal	***For Approval***	***Schedule***
Environmental Protection Plan (EPP)	Yes	14 Calendar Day review
Environmental Protection Training Plan (EPTP), (as part of the EPP)	Yes	Prior to start of construction
Four individual Storm Water Pollution Prevention Plans (SWPPPs)	Yes	Prior to start of construction
Environmental Compliance Monitoring and Reporting Plan (ECMP) (as part of the EPP)	Yes	Prior to start of construction
ECS Key Personnel (as part of the EPP)	Yes	Prior to start of construction
Reporting Contact Tree (as part of the EPP)	Yes	Prior to start of construction
Fugitive Dust Emission Control Plan	No	Prior to start of construction
Environmental Monitoring Report (EMR)	No	Monthly
Copies of all permits and environmental approvals	No	Prior to the start of construction

Separation Fabric

(2) For widening adjacent to existing asphalt for 5400 South, 7000 South, 9000 South, & 11400 South

6 inches HMA

6 inches Untreated Base Course

12 inches Granular Borrow

Separation Fabric

(3) Remove existing concrete pavement and lean base course at 5400 South, 7000 South, & 9000 South and replace with:

10 inches PCCP

4 inches HMA or Lean Concrete Base

6 inches of new or existing Untreated Base Course if the vertical profile is lowered.

12 inches of new or existing Granular Borrow if the vertical profile is lowered.

(4) Local Streets:

4 inches HMA

6 inches Untreated Base Course

(5) At 5400 South provide a micro surface over asphalt full width including the full reconstruct sections to the limits of new striping.

(6) At 7000 South provide a 1.5 inch rotomill and fill with HMA over existing asphalt to the limits of new striping.

(7) At 9000 South provide a 1.5 inch rotomill and fill with HMA over existing asphalt to the limits of new striping.

(8) At 11400 South West of Bangerter provide a 1.5 inch rotomill and fill with HMA over existing asphalt to the limits of new striping.

(9) At 4015 West Build Alternative provide a micro surface over existing asphalt to the limits of new striping.

(10) At 3760 West provide a 1.5 inch rotomill and fill with HMA over existing asphalt after all curb cuts and utility road patches have been completed from and including parcels 806 to 822.

(11) At Alveron Drive provide a 1.5 inch rotomill and fill with HMA over existing asphalt after all curb cuts and utility road patches have been completed from and including parcels 734 to 754B.

(12) At 3535 West provide a 1.5 inch rotomill and fill with HMA over existing asphalt after all curb cuts and utility road patches have been completed from and including parcels 537 to 562.

(13) At 3645 West provide a 1.5 inch rotomill and fill with HMA over existing asphalt after all curb cuts and utility road patches have been completed from and including parcels 387 to 398, including the bulb outs

at each end.

(14) At New Heritage Drive provide a 1.5 inch rotomill and fill with HMA over existing asphalt after all curb cuts and utility road patches have been completed from and including parcels 338 to 353.

(15) At Tippecanoe Way provide a 1.5 inch rotomill and fill with HMA over existing asphalt after all curb cuts and utility road patches have been completed from and including parcels 157 to 174.

(16) At 11700 South replace in kind and match existing pavement section for storm drain road patch from 3860 West to 3600 West in accordance with South Jordan City standards.

C. Overlays of existing flexible pavements are required whenever the existing pavement is widened or when new striping is required due to lane shifts and/or transitions. The overlays shall be applied to the entire width of the pavement prior to final striping to provide a continuous and homogeneous riding surface.

For the purpose of this Section 11, overlays are defined as follows:

1. Structural HMA overlays: The final full-width overlay shall include the top HMA layer and SMA wearing course.

D. Grind pavement and seal joints for all existing pavement left in place on Bangerter Highway for the following limits:

(1) 3,400 feet south of the existing northbound stop bar at 9000 South to the northbound stop bar at 9000 South.

(2) 3,300 feet north of the existing southbound stop bar at 11400 South to the southbound stop bar at 11400 south.

(3) South of 11400 South to the north side of the 11800 south structure.

11C-1 Ride Quality

Evaluate ride quality in accordance with Standard Specification, Section 01452, and Section 8-995 (Procedure for Certifying Profilographs/Profilers and Qualifying Profilograph Technicians).

11C-2 Surface Texture

Provide longitudinal tining as defined in Standard Specification, Section 02742S.

11C-3 Temporary and/or Temporary Use Pavement

The Design-Builder shall be responsible for design, construction, and maintenance of all temporary pavements. Remove temporary pavement prior to Substantial Completion.

If existing shoulders that are to remain are used as temporary travel lanes to facilitate construction, provide in the Pavement Design Report a condition survey of the existing shoulders including photographs. The Pavement Design Report shall also include the anticipated duration for shoulder use, and demonstrate that the existing pavement is adequate to sustain the traffic loads without structural damage to the pavement. Repair or replace any damaged pavement.

11C-4 Repair of Defective Pavement

Replace any cracked, damaged, or otherwise defective pavement placed as part of the Contract or

Attachment 14-A: Right-of-Way Schedule

5400 South Interchange

Parcel No.	*Owner Name*	*Property Address*	*Demolition*	*Utility Lateral Termination Location*	*Committed Clearance Date*
716	CHAVEZ, KRIS S	3661 W 5695 S	N/A		April 1, 2017
718	SONG, DOOHYUN K	3676 W 5695 S	~~N/A~~Design-Builder		April 16, 2017
720	LUNA, JORGE	3670 W 5695 S	N/A		April 1, 2017
722	LOVEDAY, CLINT & CARYN; JT	3671 W 5650 S	~~Department~~ N/A		NTP
724	LOVEDAY, KENNETH L & DARLENE N; JT	3677 W 5650 S	Department		NTP
726	FISHER, GARY & MALISSA; JT	3674 W 5650 S	Department		NTP
728	CRANE, DAVID L & KATHY M (JT)	3687 W WHITEWOOD CT	Department		NTP
728B	Schytler	3685 W. WHITEWOOD CT	~~N/A~~Design-Builder		~~NTP~~April 15, 2017
730	SAWYER, ROBERT H; TR (RHS TR)	3688 W WHITEWOOD CT	Department		NTP
732	BLANK, CATHY L	3686 W WHITEWOOD CT	Department		NTP
734	MONTOYA, SONDRA C	3695 W ALVERON DR	Department		NTP
736	ALMEIDA, JESSICA A D S	5580 S ALVERON DR	~~Department~~ Design-Builder		NTP
738	SMITH, STEWART	5568 S ALVERON DR	Department		NTP
740	WILLIS, KILEY	5556 S ALVERON DR	Department		NTP

743	FPA WEST POINT LLC	3835-3849 W 5400 S	N/A		April 15, 2017
744	SEARLE, DOUGLAS E & MONA L; JT	5544 S ALVERON DR	Design-Builder~~Department~~		April 1, 2017~~NTP~~
745	STEELE, KENT H & KAREN S (JT)	5532 S ALVERON DR	Design-Builder~~Department~~		NTP
746	BEAMON, JAMES E & CHALLI R; JT	5520 S ALVERON DR	~~Design-Builder~~Department		~~September 8, 2017~~NTP
747	ROWLEY, RUSSELL J & KATHLEEN L (JT)	5512 S ALVERON DR	Design-Builder		~~September 5~~June 1, 2017
748	HEFFRON, HOLLY	5498 S ALVERON DR	Department		NTP
749	HETRICK, MOLLY A	5490 S ALVERON DR	Department		NTP
750	HARRIS, JEREMY T	5480 S ALVERON DR	Department		NTP
751	THIEM, THIEN M & VU, LUAN B; JT	5472 S ALVERON DR	~~Department~~ Design-Builder		NTP
752	LECHTENBERG, DANNY & ANAST, VALARIE C; JT	5462 S ALVERON DR	Department		NTP
753	GREMAR LLC	3815 W 5400 S	N/A		June 7, 2017
754	SOUKPHOUANGHAM, PATRICIA M	3740 W CHRISTYANN DR	~~N/A~~Department		NTP
754B	PADILLA, LARRY AND JANELLE	3736 W CHRISTYANN DR	Department		NTP
774	SUN DEVELOPMENT LP	3812 W 5400 S	N/A		June 7, 2017
~~775~~	~~FPA WEST POINT LLC~~	~~3855-3879 W 5400 S~~	~~N/A~~		~~June 7, 2017~~
776	SJ, LLC	3770 W 5400 S	Design-Builder		May 31, 2017
777	M S C INC	3765 W 5400 S	~~Department~~ Design-Builder		NTP
777B	COUNTY OF SALT	3738 W	~~Department~~		NTP

	LAKE	CHRISTYANN DR.	N/A		
778	21ST STREET PROPERTIES, LLC	3762 W 5400 S	N/A		July1, 2017
779	GUBLER PROPERTIES, LLC	3725 W 5400 S	N/A		April 14, 2017
781	~~IVERSON FAMILY INVESTMENTS LLC~~ Lissa Mexican Food	3705 W 5400 S	N/A		April 14, 2017
783	REDWOOD EQUITY PARTNERS	3685 W 5400 S	N/A		April 14, 2017
798	SU CASA MULBERRY, LLC	5287 S DEWBERRY LN	N/A		May 26, 2017
806	MILLER, PAUL	5262 S 3760 W	Department		NTP
808	GRUNDVIG, NICHOLAS C & JUELEE V; JT	5256 S 3760 W	~~Department~~ Design-Builder		~~NTP~~April 1, 2017
810	WHITING, ERIC J & VICKIE L; JT	5244 S 3760 W	Department		NTP
812	ROULEAU, WILLIAM F JR & JEAN M; JT	5238 S 3760 W	Department		NTP
814	CHATTERTON PROPERTIES LLC	5228 S 3760 W	Department		NTP
816	HIGBY, LACIE & TROY; JT	5218 S 3760 W	Department		NTP
818	LAM, HOANG M & KIM NGAN S; TC	5208 S 3760 W	Department		NTP
819	WHITTED, DEBORAH L	5198 S 3760 W	~~Department~~ Design-Builder		NTP
820	PRINSTON PROPERTIES, L.L.C.	5198 S 3760 W	~~Department~~ Design-Builder		~~NTP~~April 1,2017
821	SORENSEN, BEN &	5178 S 3760 W	Department		NTP

	JACQUELLE; JT				
822	HALATOA, KILIFI & BROWN, SALOTE	5168 S 3760 W	Department		NTP
823	BAILEY, KATHLEEN A	5160 S 3760 W	N/A		~~July 14, 2017~~April 1, 2017
824	CHRISTENSON, BERT	5150 S 3760 W	N/A		~~July 14~~April 1, 2017
825	ATTERMANN, SHARON J; TR (SJA REV TR)	5140 S 3760 W	N/A		~~July 14~~April 1, 2017
826	GREER, DENNIS J & BLIGHT-GREER,KAREN E;	5128 S 3760 W	N/A		~~July 14~~April 1, 2017
828	MALMSTROM, CHARLES & JOHNSON, ERICA H; JT	5116 S 3760 W	N/A		~~July 14~~April 1, 2017
829	KOEHLER, DALLAS	5106 S 3760 W	N/A		~~July 14~~April 1, 2017
830	STRUM, GREGORY W	5096 S 3760 W	N/A		~~July 14~~April 1, 2017
831	JENSEN, MICHAEL R	5086 S 3760 W	N/A		~~July 14~~April 1, 2017
832	BRIONES, GABINO H	5074 S 3760 W	N/A		~~July 14~~April 1, 2017
833	HUDSON, JOHN G	5064 S 3760 W	N/A		~~July 14~~April 1, 2017
834	BUCHANAN	5056 S 3760 W	N/A		NTP

7000 South Interchange

Parcel No.	***Owner Name***	***Property Address***	***Demolition***	***Utility Lateral Termination Location***	***Committed Clearance Date***
506	PREECE, MCCOY D & KAREN L G (JT)	3536 W PIERA CIR	N/A		NTP
508	STARKS, TONIA M & DANIEL J; JT	3535 W NEW WORLD DR	N/A		NTP
512	LOW, RICHARD D & TAMARA J; JT	3536 W NEW WORLD DR	~~Department~~ N/A		NTP
514	MITCHELL, JANICE E; TR (DR&JEMRT)	3541 W FOXTON CIR	N/A		May 19, 2017
515	LOWRY, CALEB AND JENNIFER	3542 W FOXTON CIR	Department		NTP
516	ABBOTT, WADE R & ALICIA A; JT	3540 W FOXTON CIR	N/A		NTP
518	HEGERHORST, WALTER F & ORA M; TRS (W&OHFT)	3541 W WHEATWOOD CIR	N/A		NTP
519	WILSON, DOUGLAS E & DIANE A; TRS (W FAM TR)	3542 W WHEATWOOD CIR	~~Department~~ Design-Builder		~~NTP~~April 1, 2017
520	J&P FAMILY INVESTMENTS, LLC	3540 W WHEATWOOD CIR	~~Department~~ N/A		April 1, 2017~~NTP~~
521	GUSTAFSON, JOHN A	3541 W MILLERBERG CIR	Department		NTP
522	GARN, NORMA M	3542 W MILLERBERG CIR	~~Department~~ Design-Builder		NTP
523	PLAZA AT JORDAN LANDING LLC	7111 S PLAZA CENTER DR	N/A		NTP
524	MALDONADO, JOSE G & AMINTA I; TRS	3540 W MILLERBERG CIR	Department		NTP

526	MAYER, YVETTE	3533 W BRANDY CIR	N/A		NTP
527	WELCH, GREGORY L & BARBARA R; JT	3536 W BRANDY CIR	Department		NTP
528	WATKINS, HUBERT L & SHERIE; JT	7026 S ANGELSEA DR	N/A		NTP
529	WATKINS, HUBERT L & SHERIE; JT	7026 S ANGELSEA DR	N/A		NTP
536	D & B BYERS, LLC	6989 S DIXIE DR	Department		NTP
536B:E	PLAZA AT JORDAN LANDING LLC	7111 S PLAZA CENTER DR	~~Department~~ N/A		NTP
537	RUSK, RICHARD D & PATRICIA L; TRS (RD&PLRRT)	6980 S 3535 W	Department		NTP
538	West Jordan City	7020 S. ANGELSEA CIRCLE	N/A		NTP
539	West Jordan City	6950 S. 3535 W	N/A		NTP
554	GOSS, EMILY A; ET AL	6968 S 3535 W	Department		NTP
556	ANDREWS, ROBERT L & TERRIE L; JT	6954 S 3535 W	~~Department~~ Design-Builder		~~NTP~~April 1, 2017
558	DUPAIX, JOSEPH H & ALICE S	6944 S 3535 W	N/A		NTP
560	PEARSON, ERIC N & SHALISE L; JT	6932 S 3535 W	N/A		NTP
562	DEARING, RYAN C & KRISTI; JT	6922 S 3535 W	~~Design-Builder~~Department		~~May 19, 2017~~NTP
564	ANDREWS, STEVEN D & KATHERINE E; JT	6912 S 3535 W	N/A		May 19, 2017

565	BADER, TERRY	6919 S DIXIE DR	~~Design-Builder~~Department		~~May 19, 2017~~NTP
566	PETERSON, MARK W & MEGAN D; JT	6900 S 3535 W	N/A		NTP
568	BLANCO, HEIDDY C	6890 S 3535 W	N/A		NTP
570	MADSEN, JOHN G & SHARILYN; JT	6880 S 3535 W	N/A		NTP
572	DOCKSTADER, MAX L & LISA M; JT	6868 S 3535 W	N/A		NTP
574	FERGUSON, WILLIAM S & SHERRI S	6858 S 3535 W	N/A		NTP
576	BARROWS, STEWART G	6848 S 3535 W	N/A		NTP
578	KLEPACZ, MATTHEW A & NICOLE L; JT	6836 S 3535 W	N/A		NTP
580	GIFFORD, QUINTEN	6826 S 3535 W	N/A		NTP
582	CANNING, DENNIS L & KATHLEEN M	3538 W 6825 S	N/A		NTP
588	CORP OF PB OF CH JC OF LDS	6780 S 3420 W	N/A		NTP
596	CITY OF WEST JORDAN	6778 S 3420 W	N/A		NTP

9000 South Interchange

Parcel No.	Owner Name	Property Address	Demolition	Utility Lateral Termination Location	Committed Clearance Date
323	Salt Lake Community College	3401 West 9000 South	N/A		March 1, 2017
331	BRUSCH, DUSTIN	9367 S NEW HERITAGE DR	N/A		May 1, 2017
332	NEWMAN, NATHAN L	9351 S NEW HERITAGE DR	N/A		May 1, 2017
333	ERDMANN, KYLE M & AMANDA JEAN; JT	9339 S NEW HERITAGE DR	~~Department~~ N/A		NTP
334	LEITER, JASON	9327 S NEW HERITAGE DR	N/A		May 1, 2017
335	BLACKMER, BENN W & JANICE L; TC	9313 S NEW HERITAGE DR	N/A		May 1, 2017
337	CARTER, WILLIS, TR; ET AL	9301 S NEW HERITAGE DR	N/A		May 1, 2017
338	PEREZ, OLEGARIO	9287 S NEW HERITAGE DR	~~Department~~ Design-Builder		~~NTP~~April 1, 2017
339	HUYNH, HOA K	9275 S NEW HERITAGE DR	~~Design-Builder~~Department		~~March 3, 2017~~NTP
340	LARSEN, JARED R & JAMIE R; JT	9261 S NEW HERITAGE DR	Department		NTP
341	DENNIS, ADRIAN	9249 S NEW HERITAGE DR	Department		NTP
342	JOHNSON, JEROD G & STEPHANIE J; JT	9235 S NEW HERITAGE DR	Department		NTP
343	HILL, BRIDGER W & BRANDI A; JT	9223 S NEW HERITAGE DR	Department		NTP
344	CRAIG, SCOTT M & AUBREY L; JT	9209 S NEW HERITAGE DR	Department		NTP

345	ROSALES, JAMIE L & MERRILL, MAUREEN W; JT	9197 S NEW HERITAGE DR	Department		NTP
347	PEZELY, FRANCO P & SANDI M; JT	9185 S NEW HERITAGE DR	~~Department~~ Design-Builder		NTP
348	TOSTADO, HUMBERTO F & MARIA A; JT	9173 S NEW HERITAGE DR	~~Department~~ Design-Builder		~~NTP~~March 30, 2017
349	SESE, PATRICIA C	9161 S NEW HERITAGE DR	Department		NTP
350	SPENCER, SUSAN	9149 S NEW HERITAGE DR	Department		NTP
351	RUSSELL, DEANNE T & JEFFERY R; JT	9137 S NEW HERITAGE DR	~~Department~~ Design-Builder		~~NTP~~April 1, 2017
352	BENKOVSKIY, ALEKSANDR L & YELENA B; JT	9125 S NEW HERITAGE DR	~~Department~~ Design-Builder		~~NTP~~April 1, 2017
353	GARRARD, MICHAEL J & ANGELA S; JT	3642 W VISTA WEST DR	~~Design-Builder~~Department		~~March 24, 2017~~NTP
355	CITY OF WEST JORDAN	9098 S WINTHROPE DR	N/A		NTP
356	MILLER, TYLER & ANNE; JT	3657 W WINTHROPE CIR	Department		NTP
358	GEDICKS, CHRISTOPHER W & KELLY L; JT	3659 W WINTHROPE CIR	Design-Builder		May 19, 2017
368	Jordan Health Properties	3706 W 9000 S	N/A		~~June 23, 1017~~April 1, 2017
370	Baeza, SALVADOR	9012 S WINTHROPE DR	N/A		~~June 23, 1017~~April 1, 2017
371	~~Weenig, DAVID R & CYNTHIA B; JT~~Sommer, Gerald	3680 W 9000 S	N/A		~~June 23, 1017~~April 1,

	R				2017
373	Baker, JOHN P & CAROLYN; TRS (J&CB TR	9013 S WINTHROPE DR	N/A		~~June 23, 1017~~April 1, 2017
375	Utah Department of Transportation	3660 W 9000 S	N/A		NTP
376	LARSEN, STEVEN L & LINDA L	3666 W WINTHROPE CIR	Department		~~June 23, 1017~~NTP
377	WEST JORDAN CITY	3695 W 9035 S	N/A		NTP
378	LARSEN, RICHARD J	3655 W WINTHROPE CIR	Department		NTP
380	Utah Department of Transportation	3644 W 9000 S	N/A		NTP
381	UNITED STATES OF AMERICA	3596 W 9000 S	N/A		~~March 17, 2017~~NTP
385	JORDAN VALLEY MEDICAL CENTER LP	3580 W 9000 S	N/A		NTP
386	DEASON, HENRY H & MAYE W; JT	8871 S 3680 W	N/A		March 17, 2017
387	KELLY, JASON P & JESSICA A; JT	3647 W 8850 S	Department		NTP
388	STOLL, CALLIE H	8845 S 3645 W	~~Department~~ Design-Builder		~~NTP~~April 1, 2017
389	BESSEY, BARRY M & AUTUMN G; JT	8833 S 3645 W	Department		NTP
390	MARKUS, KURT W & MARILYN J (JT)	8821 S 3645 W	Department		NTP
391	HANSEN, BUDDY & WHITNEY; JT	8809 S 3645 W	Department		NTP
392	RESTORE UTAH PROPERTY I LLC	8795 S 3645 W	~~Department~~ Design-Builder		~~NTP~~April 1, 2017
393	BUTTON, TREVA P	8783 S 3645 W	Department		NTP

395	BENTLEY, CLIFFORD & DANA; JT	8769 S 3645 W	Design-Builder		March 31, 2017
396	DANISE, BRETT A & KELLY A; JT	8757 S 3645 W	~~Design-Builder~~Department		~~March 31, 2017~~NTP
397	DUARTE, MARCOS	8745 S 3645 W	Department		NTP

11400 South Interchange

Parcel No.	***Owner Name***	***Property Address***	***Demolition***	***Utility Lateral Termination Location***	***Committed Clearance Date***
121	South Jordan City	11601 South 4000 West	N/A		~~July 7, 2017~~April 1, 2017
121B	SJ Marketplace LLC	11601 South 4000 West	N/A		~~July 7, 2017~~April 1, 2017
122B	IREIT SOUTH JORDAN OQUIRRH MOUNTAIN LLC	11501 S 4000 W	N/A		April 1, 2017
123	District	11494 S DISTRICT DR	N/A		~~July 7, 2017~~April 1, 2017
126B	NATIONAL RETAIL PROPERTIES LP	11509 S 4000 W	N/A		March 1, 2017
128	South Jordan City	4002 West Daybreak Parkway	N/A		~~July 7, 2017~~April 1, 2017
138	IREIT SOUTH JORDAN OQUIRRH MOUNTAIN LLC	11501 S 4000 W	N/A		~~July 7, 2017~~April 1, 2017
138B	IREIT	11501 S 4000 W	N/A		April 1, 2017
138D	FAIME LLC	11499 S 400 W	N/A		NTP
142	THE DISTRICT-NORTH LC	11364 S RIVER HEIGHTS DR	N/A		~~July 7, 2017~~April 1, 2017
151	SOUTH JORDAN W, LLC	3754 W 11400 S	N/A		April 1, 2017~~July 7, 2017~~
153	7-11	3668 W 11400 S	N/A		April 1, 2017~~July 7, 2017~~
153B	DISTRICT PROPERTIES INVESTMENTS, LLC	3668 W 11400 S	N/A		April 1, 2017
153D	UTAH FIRST FEDERAL CREDIT UNION	3642 W 11400 S	N/A		April 1, 2017
154	JORDAN HEIGHTS HOA, INC	11291 S TIPPECANOE WY	N/A		July 7, 2017
154B	SOUTH JORDAN CITY	3776 W 11400 S	N/A		March 15, 2017

155	DISTRICT-NORTH II LLC, THE	11332 S RIVER HEIGHTS DR	N/A		April 1, 2017~~July 7, 2017~~
156	WB II LAND INVESTMENT LC; ET AL	11248 S RIVER HEIGHTS DR	N/A		April 1, 2017~~July 7, 2017~~
157	BARBER, MELISSA K	11281 S TIPPECANOE WY	Department		NTP
158	COBURN, YUNG	11273 S TIPPECANOE WY	~~N/A~~Design-Builder		April 1, 2017~~NTP~~
159	LUCERO, PATRICK JR.	11263 S TIPPECANOE WY	~~Design-Builder~~Department		~~May 12, 2017~~NTP
160	BURTON, CHARLES E & KRISTA A; JT	11253 S TIPPECANOE WY	Department		NTP
161	RICHES, BRADLEY M & ASHLEY R; JT	11243 S TIPPECANOE WY	Department		NTP
162	PECK, NICHOLAS	11233 S TIPPECANOE WY	Department		NTP
162B	NYO INVESTMENTS, LLC	11160 S RIVER HEIGHTS DRIVE	N/A		March 1, 2017
163	SEENAPPA, CHANDRASHEKAR & VESARAPU, RAMYA; JT	11227 S TIPPECANOE WY	Department		NTP
164	LUNDQUIST, DALLAS & ANGELA; JT	11217 S TIPPECANOE WY	Department		NTP
165	PILLEY, JAMES R & VANESSA L; JT	11209 S TIPPECANOE WY	Department		NTP
166	FOSTER, DENNIS K	11199 S TIPPECANOE WY	Department		NTP
166B	DISTRICT HOTEL PARTNERS, LLC	11220 S RIVER HEIGHTS DRIVE	N/A		March 1, 2017
167	DUONG, BAO H & DIEU, QUYNH M; TC	11191 S TIPPECANOE WY	~~N/A~~Design-Builder		~~NTP~~April 1, 2017
168	THATCHER, REED & GLORIA; JT	11181 S TIPPECANOE WY	Department		NTP
169	KROGH, ASHLEY	11173 S TIPPECANOE WY	~~Department~~Design-Builder		~~NTP~~April 1, 2017
170	~~KFJ~~	11163 S	Design-		~~NTP~~April 1,

	~~PARTNERSHIP~~Karlie and Kenzie Jensen	TIPPECANOE WY	Builder		2017
171	YATES, WALTER G & MICHELLE L; JT	11157 S TIPPECANOE WY	Department		NTP
172	MIRANDA, ELVIS R & MELVA R; JT	11147 S TIPPECANOE WY	Department		NTP
173	ISON, JOHN N & KIMBERLY; JT	11141 S TIPPECANOE WY	Department		NTP
174	CARNESECCA, ZACHARY C & NATALIE M; JT	11137 S TIPPECANOE WY	N/A		NTP
175	BECKER, MERCEDES	11123 S TIPPECANOE WY	N/A		NTP
176	PIZZO, STEPHEN G & SMITH-PIZZO, VICTORIA A; JT	11117 S TIPPECANOE WY	N/A		NTP
177	HANSEN, JACOB & BOBBI	11109 S TIPPECANOE WY	N/A		~~July 7, 2017~~NTP
178		11103 S TIPPECANOE WY	N/A		December 1, 2017
179		11093 S TIPPECANOE WY	N/A		December 1, 2017
181		11087 S TIPPECANOE WY	N/A		December 1, 2017
182		11083 S TIPPECANOE WY	N/A		December 1, 2017
183		11077 S TIPPECANOE WY	N/A		December 1, 2017
184		11063 S TIPPECANOE WY	N/A		December 1, 2017
185		11059 S TIPPECANOE WY	N/A		December 1, 2017
186		11053 S TIPPECANOE WY	N/A		December 1, 2017
187		11047 S TIPPECANOE	N/A		December 1, 2017

		WY			
188		11033 S TIPPECANOE WY	N/A		December 1, 2017
189		11029 S TIPPECANOE WY	N/A		December 1, 2017
190		11023 S TIPPECANOE WY	N/A		December 1, 2017
191		11017 S TIPPECANOE WY	N/A		December 1, 2017
192		11001 S TIPPECANOE WY	N/A		December 1, 2017
193	DISTRICT HEIGHTS VILLAGE	11104 S RIVER HEIGHTS DRIVE	N/A		July 7, 2017
194		10987 S TIPPECANOE WY	N/A		December 1, 2017

Build Alternative – 4015 West

Parcel No.	*Owner Name*	*Property Address*	*Demolition*	*Committed Clearance Date*
755	KEARNS PROPERTY COMPANY, LLC	4095 W 5415 S	N/A	~~TBD~~August 1, 2017
755B	Valley West Plaza Investors, LLC	PO Box 57494	N/A	August 1, 2017~~TBD~~
756	CHINN S U LLC	4040 W 5415 S	N/A	August 1, 2017~~TBD~~
756B	East Pad VWP, LLC	4030 W 5415 S	N/A	August 1, 2017~~TBD~~
757	EARLY HOLDINGS, LLC	5419 S 4015 W	N/A	August 1~~TBD~~
757B			N/A	August 1, 2017~~TBD~~
758	K-#3, L L C	3988 W 5400 S	N/A	August 1, 2017~~TBD~~
758B	Parrish	5385 S 4015 W	N/A	August 1, 2017~~TBD~~
760	K-#3, L L C	3970 W 5400 S	N/A	August 1~~T~~, 2017~~BD~~
762	K ASSOCIATES, ET AL	3940 W 5400 S	N/A	August 1, 2017~~TBD~~

B. Left hand exits or entrances are not allowed.

C. Provide parallel-type entrance ramps. Place the noise wall and grade to accommodate dual-lane off-ramps. Construct all other items of Work associated with the off ramps in a single-lane off-ramp configuration.

D. For on-ramps, provide acceleration lengths from the ramp meter stop bar.

E. For off-ramps, provide the deceleration lengths to the back of the ramp terminal intersection storage lengths in accordance with the PDC.

F. Provide ramp meter storage as shown in Table 15C-1.

G. Provide a minimum separation width of 10 feet between opposing left turning lanes.

H. Stop Bars for all movements will not be staggered.

I. Provide a maximum 2:1 (larger radius: small radius) compound ratio between the radii of the two curves on each ramp. Place the larger radius first in the direction of travel for on-ramps and the smaller radius first in the direction of travel for the off ramps.

J. Provide a southbound auxiliary lane between 7800 South and 7000 South.

15C-4 Horizontal and Superelevation Design

Provide horizontal curves for all horizontal alignment deflection angles greater than 0.5 degrees (30 minutes). Provide a minimum of 800 feet tangent between deflection angles.

15C-5 Vertical Design

Use a minimum vertical curve length in accordance with AASHTO design speed k values. Pavement transitions are subject to vertical design requirements. The minimum vertical curve length is 500 feet for mainlines, 200 feet for ramp bodies and State facilities, and 100 feet for ramp terminals. For all other non-State facilities, the minimum vertical curve length shall be 100 feet. For mainline Bangerter, under Old Bingham Highway use a 50 mph K value as the controlling criteria, not the minimum vertical curve length.

A vertical curve is required for grade breaks with an algebraic difference greater than 0.2 percent on mainline and ramps, and 0.5 percent for all other facilities. Provide a minimum of 500 feet between grade breaks along mainline and ramps, and minimum of 200 feet between grade breaks on all other facilities. The free right turn movements at the SPUI's are excluded from minimum vertical curve lengths and minimum grade break differences.

Design the maximum final pavement elevation of Bangerter Highway, ramps, and cross streets to not exceed the following elevations within a 100 foot zone, 50 feet north and 50 feet south of the existing Rocky Mountain Power (RMP) overhead power lines that run parallel to 5400 South, 9000 South, and 11400 South, and cross Bangerter Highway within the Project limits.

- 5400 South 4584.00
- 9000 South 4629.00
- 11400 South 4663.50

15C-6 Design Vehicle

For all turning movements along 5400 South, 7000 South, 9000 South, 11400 South, Bangerter

Develop Supplemental or Project Agreements on behalf of the Department for signature by the Utility Companies and signature and execution by the Department, for all Utility Work. Perform or coordinate the performance of the Utility Work for design and construction as specified herein. Obtain required permits necessary to perform Utility Work.

Repair any Utility damages caused by the Design-Builder which occur during construction within the Project limits. All repairs associated with such damages are the responsibility of the Design-Builder.

All costs for coordination, design, permits, construction, and coordination of all temporary Utility relocations that are implemented for the convenience of the Design-Builder's construction operation and schedule are the responsibility of the Design-Builder.

The Design-Builder is responsible to contact Blue Stakes at (800) 662-4111 before all Utility Work to have all utilities marked prior to construction.

The existing RMP transmission overhead power lines poles and appurtenances (including any distribution lines on those transmission poles) located along 11400 South, 9000 South, 5400 South, and the Build Alternative will be relocated by others within the Project Limits; do not provide a price for these relocates in Form UC. The RMP transmission relocation project is being installed by others, see Part 4-15 (Roadway) for additional requirements. The anticipated completion date of the relocation is December 31, 2017. Coordinate with RMP to assure that the Design-Builder's design does not negatively impact the RMP transmission relocation project. All impacts to the RMP transmission relocation project must be accounted for in the Design-Builder's schedule and Price Proposal. Coordinate the relocation with each Utility Company for utilities located on the existing transmission power poles.

Price all other RMP relocates and the other utility relocates and include in Form UC.

If the Design-Builder's design has additional transmission relocations, it is the Design-Builder's responsibility to price those relocates and include them in Form UC.

Perform Project Utility casing work as follows:

- Install casing on existing uncased pressurized pipelines that require relocation due to Project Work and meet Utah Administrative Code R930-7 casing requirements.
- Locate and extend all existing Utility casings for Utilities requiring relocation within the Project limits and limits defined in Utah Administrative Code R930-7.
- Case all pressurized pipelines identified as Betterment Work according to Utah Administrative Code R930-7
- Use the Utility Deviation Form included in Part 7 (Contract Drawings) to request a deviation from the casing requirements of Utah Administrative Code R930-7.

19C-1 General Requirements

Coordinate all design and construction activities with the Department and the Utility Company Project Representative identified in each MUA or Statewide Utility Relocation Agreement (regardless of who performs or pays for any proposed Utility Work). Coordinate on finalizing the design, the location of the relocated Utility facility, the potential impacts of Utility Work, costs, and schedule. Design, protect, temporarily relocate, and/or construct the facility as applicable for the Utility type, subject to the requirements of the specific MUA or Statewide Utility Relocation Agreement.

Perform the Utility Work as follows:

Table 1
Jordan Aqueduct Reach 2 at 9000 South
78-Inch Welded Steel Pipe Classifications

Location – Segment (1)	Begin Aqueduct Stationing	End Aqueduct Stationing	Approximate Distance from Intersection (ft)	Pipe Class	Max Cover (ft)
South Segment 5	955+00	996+20	1373 - 5493	A	5
South Segment 4	996+20	996+66	1327 - 1373	B	10
South Segment 3	996+66	1006+00	393 – 1327	A	5
South Segment 2	1006+00	1009+40	53 – 393	B	10
South Segment 1	1009+40	1009+93	0 – 53	A	5
9000 South Intersection					
North Segment 1	1009+93	1022+00	0 – 1207	A	5
North Segment 2	1022+00	1028+10	1207 – 1817	A	5
North Segment 3	1028+10	1030+38	1817 – 2045	C	15
North Segment 4	1030+38	1035+00	2045 - 2507	B	10

Notes:

1. *Segments are numbered from 1 through X starting from the centerline of the intersection and continuing for a distance beyond 2,000 feet north or south to cover the intended interchange project. Consult BOR record drawings for additional information if required.*

Table 2
Jordan Aqueduct Reach 2 at 7000 South
78-Inch Welded Steel Pipe Classifications

Location – Segment (1) (2)	Begin Aqueduct Stationing	End Aqueduct Stationing	Approximate Distance from Intersection (ft)	Pipe Class	Max Cover (ft)
South Segment 2	1115+48	1131+00	1085 – 2637	A	5
South Segment 1	1131+00	1141+85	0 – 1085	B	10
7000 South Intersection					
North Segment 1	1141+85	1143+00	0 – 115	B	10
North Segment 2	1143+00	1168+18	115 – 2633	A	5

Notes:

1. *Segments are numbered from 1 through X starting from the centerline of the intersection and continuing for a distance beyond 2,000 feet north or south to cover the intended interchange project. Consult BOR record drawings for additional information if required.*

~~1.~~2. *5 Feet of maximum cover or match existing.*

REQUEST FOR PROPOSALS

UTAH DEPARTMENT OF TRANSPORTATION

4 Interchanges on Bangerter HWY (SR-154)

Project No. S-0154(12)11

Salt Lake County

CONTRACT DOCUMENTS

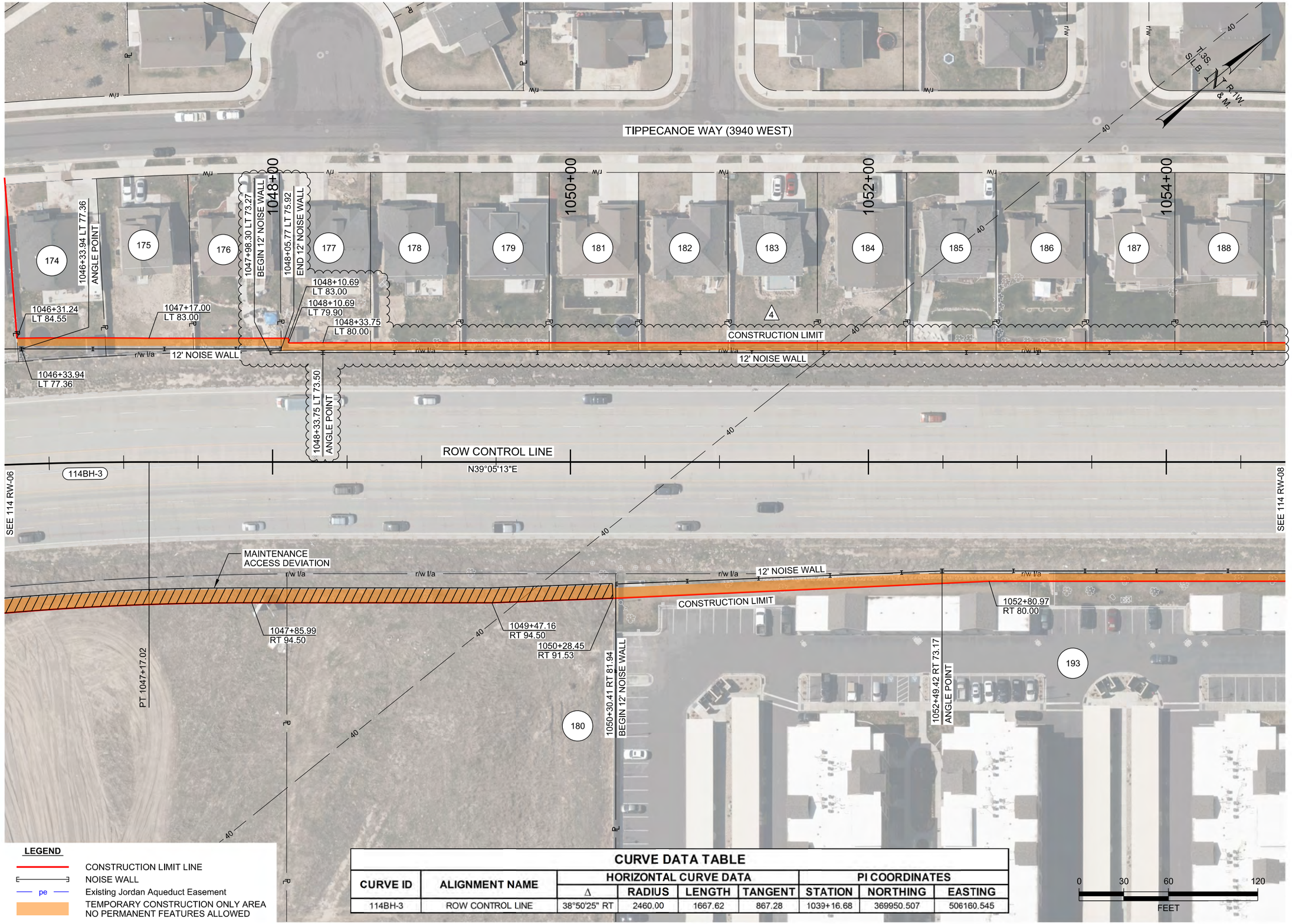
PART 7:

CONTRACT DRAWINGS

Addendum ~~7~~ 8 - November ~~17~~22, 2016

TABLE OF CONTENTS

1. Typical Sections
2. Survey Control
3. Right-of-Way Drawings - Revised
4. Utility Plans – Revised
5. Utility Details
6. Utility Summaries - Revised
7. Traffic Volumes
8. Signing Details
9. Signal Details - Revised
10. ATMS Details
11. Partial Interchange Lighting Detail
12. Off Ramp Grading for Future Lane Detail
13. Pedestrian Bridge Location at 7000 South
14. USBOR Manway and Vault Details
15. USBOR O&M Guidelines
16. Barrier Standards
~~16.~~17. Utility Deviation Form



LEGEND

- CONSTRUCTION LIMIT LINE
- NOISE WALL
- pe — Existing Jordan Aqueduct Easement
- TEMPORARY CONSTRUCTION ONLY AREA NO PERMANENT FEATURES ALLOWED

CURVE DATA TABLE

CURVE ID	ALIGNMENT NAME	HORIZONTAL CURVE DATA				PI COORDINATES		
		Δ	RADIUS	LENGTH	TANGENT	STATION	NORTHING	EASTING
114BH-3	ROW CONTROL LINE	38°50'25" RT	2460.00	1667.62	867.28	1039+16.68	369950.507	506160.545

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
4	11/16	CSB	ADDED NOISE WALL, MODIFIED CONSTRUCTION LIMIT
3	10/16	CSB	MODIFIED NOISE WALL HEIGHT & CONSTRUCTION LIMIT
2	09/16	BGA	MAINTENANCE ACCESS DEVIATION
1	08/16	CSB	UPDATED NOISE WALL ANGLE POINTS.

UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HORROCKS ENGINEERS

DRAWN BY KKH
QC CHECKED BY CSB
APPROVED
DATE
PROFESSIONAL LAND SURVEYOR

PROJECT: 4 INTERCHANGES ON BANGERTER HIGHWAY - 11400 SOUTH
PROJECT NUMBER: S-0154(12)11
PIN: 12566
CONTRACT RIGHT-OF-WAY

SALT LAKE COUNTY

SHEET NO. 114RW-07

pw:\\ow.horrocks.com:PWPrimary\Documents\Projects\2016\PG-658-1604 Bangerter 4 Interchanges PM\12566\Sheet_Files\Right_of_Way\12566_CL_114RW-07.dgn
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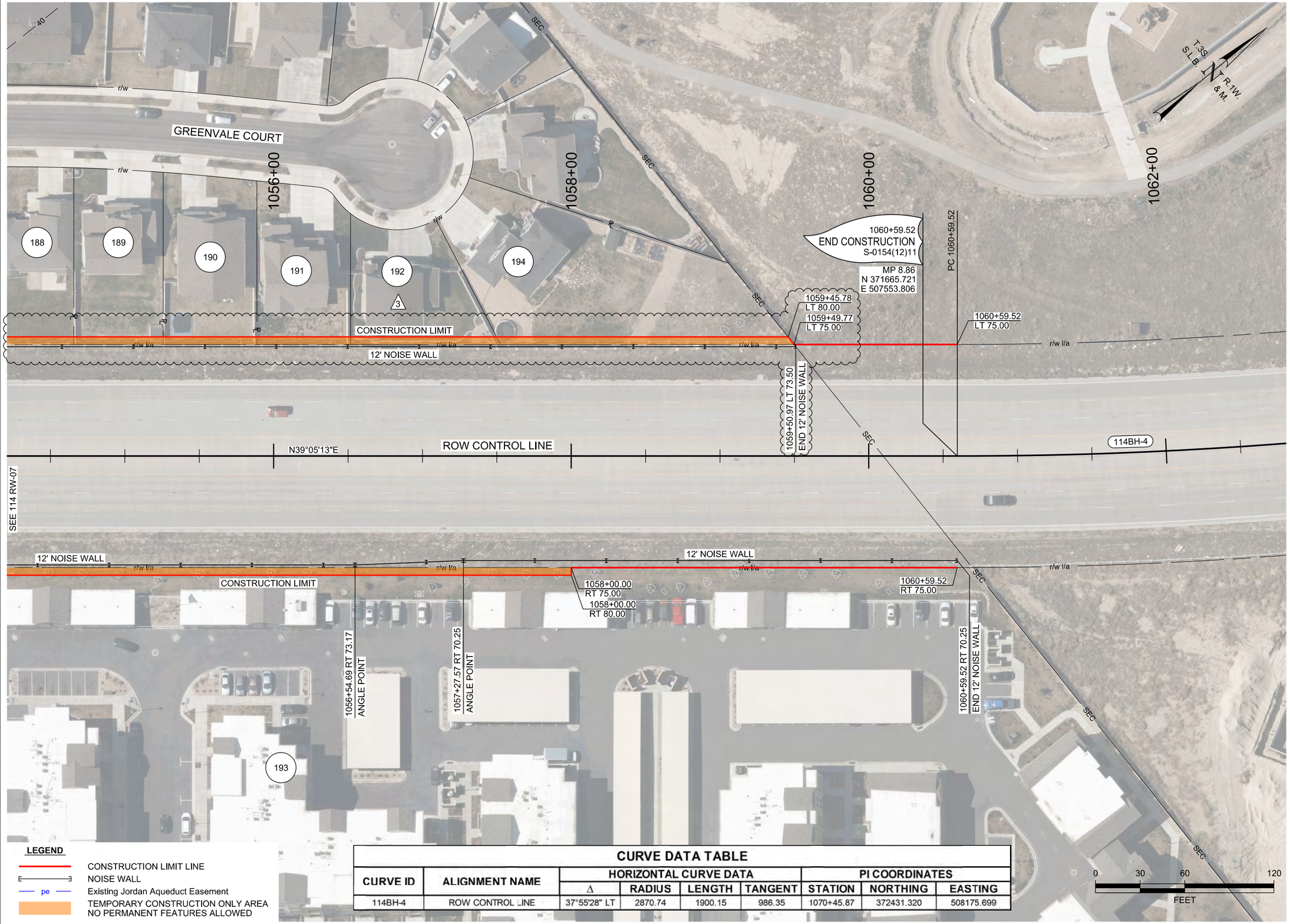

LEGEND

- CONSTRUCTION LIMIT LINE
- NOISE WALL
- pe — Existing Jordan Aqueduct Easement
- TEMPORARY CONSTRUCTION ONLY AREA NO PERMANENT FEATURES ALLOWED

CURVE DATA TABLE

CURVE ID	ALIGNMENT NAME	HORIZONTAL CURVE DATA				PI COORDINATES		
		Δ	RADIUS	LENGTH	TANGENT	STATION	NORTHING	EASTING
114BH-4	ROW CONTROL LINE	37°55'28" LT	2870.74	1900.15	986.35	1070+45.87	372431.320	508175.699

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
3	11/16	CSB	ADDED NOISE WALL, MODIFIED CONSTRUCTION LIMIT
2	10/16	CSB	MODIFIED NOISE WALL HEIGHT
1	08/16	CSB	UPDATED NOISE WALL ANGLE/END POINTS.

DRAWN BY KKH
QC CHECKED BY CSB

UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HORROCKS ENGINEERS

APPROVED

DATE

PROFESSIONAL LAND SURVEYOR

PROJECT: 4 INTERCHANGES ON BANGERTER HIGHWAY - 11400 SOUTH

PROJECT NUMBER: S-0154(12)11 PIN 12566

CONTRACT RIGHT-OF-WAY

SALT LAKE COUNTY

SHEET NO. 114RW-08

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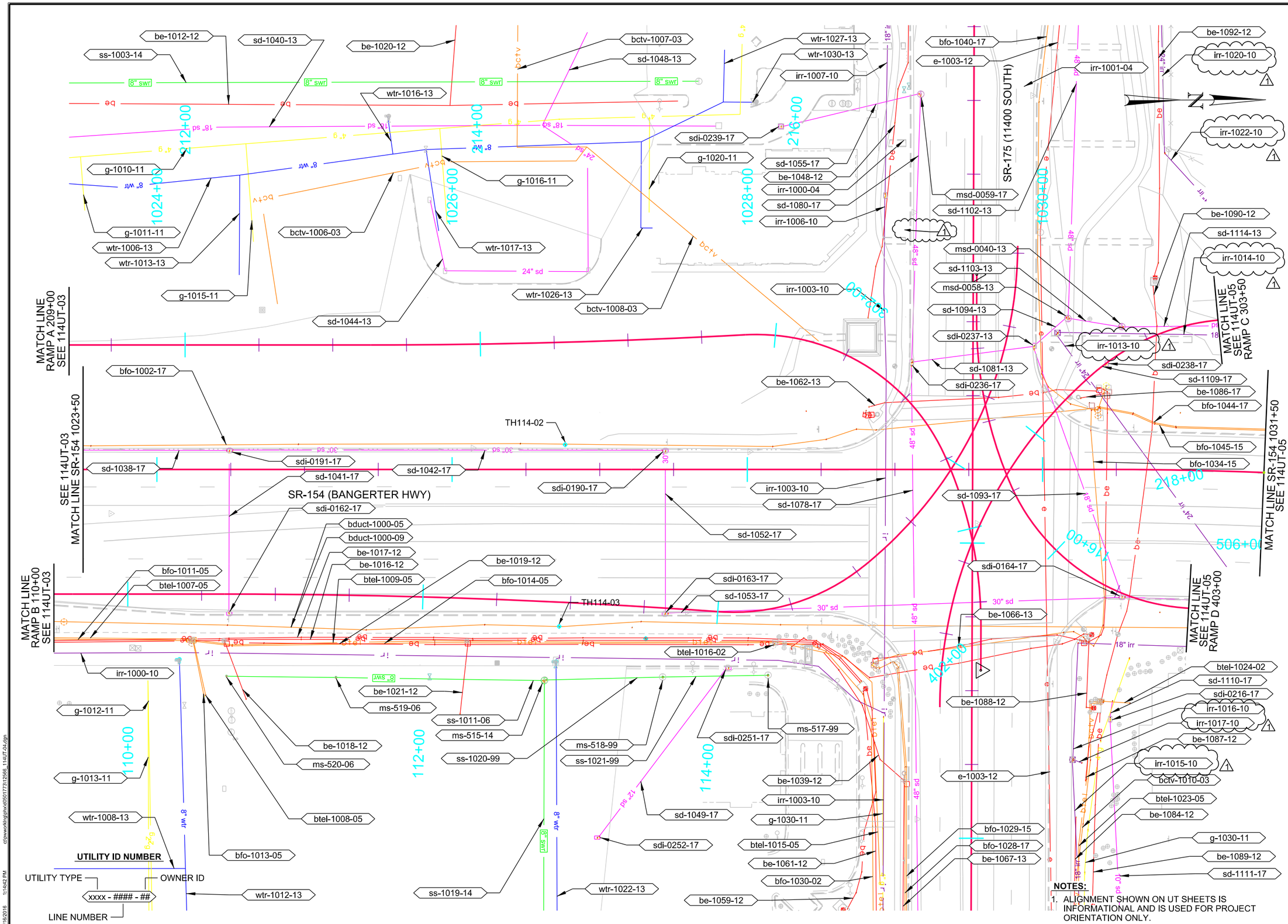
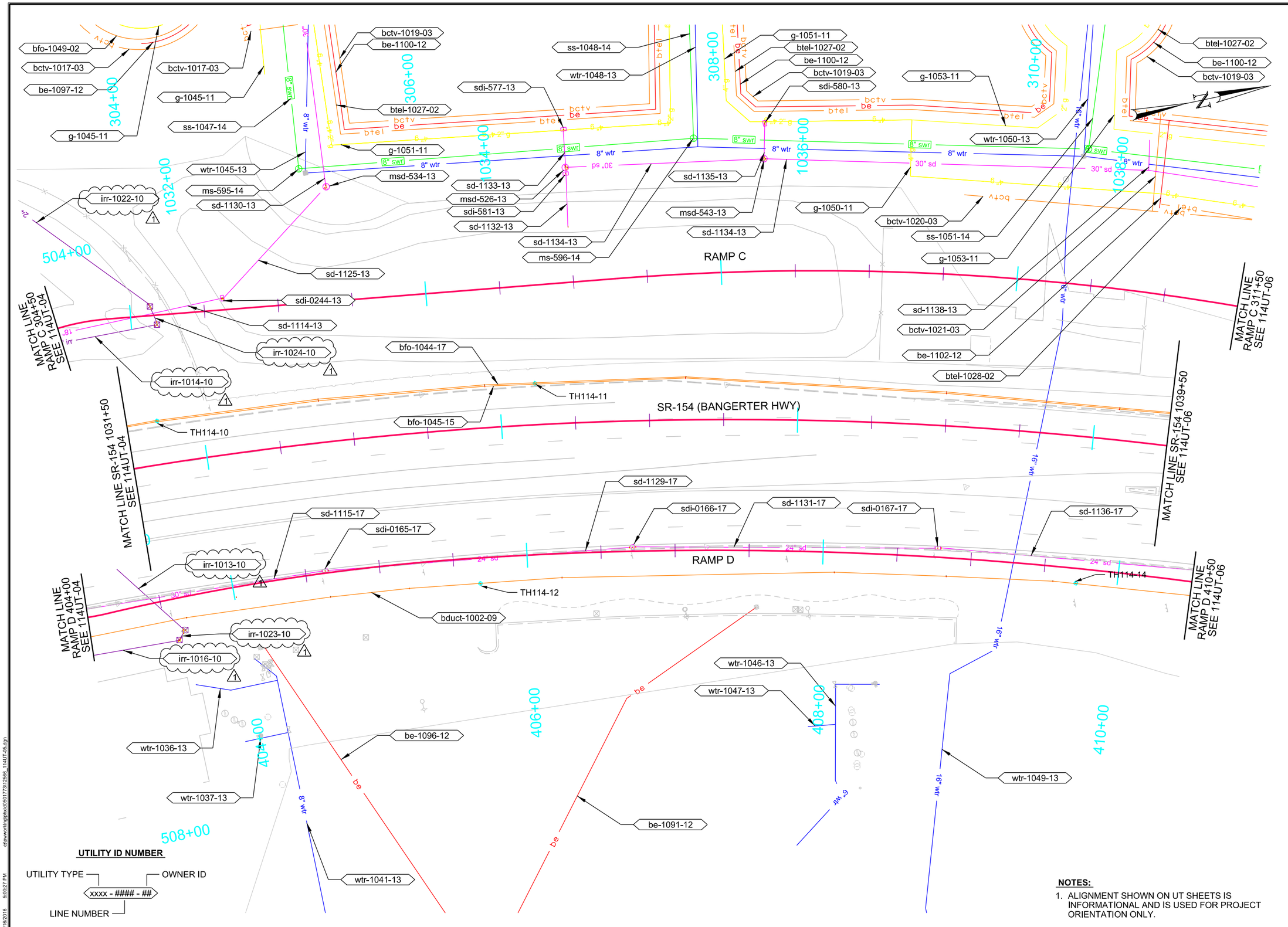

MATCH LINE
RAMP A 209+00
SEE 114UT-03
SEE 114UT-03
MATCH LINE SR-154 1023+50
MATCH LINE
RAMP B 110+00
SEE 114UT-03
SR-154 (BANGERTER HWY)
SR-175 (11400 SOUTH)
MATCH LINE SR-154 1031+50
SEE 114UT-05
MATCH LINE
SEE 114UT-05
RAMP C 303+50
MATCH LINE
SEE 114UT-05
RAMP D 403+00
TH114-02
TH114-03
UTILITY ID NUMBER
UTILITY TYPE
OWNER ID
xxxx - #### - ##
LINE NUMBER
NOTES:
1. ALIGNMENT SHOWN ON UT SHEETS IS INFORMATIONAL AND IS USED FOR PROJECT ORIENTATION ONLY.
REVISIONS
NO. 1
DATE 11/15/16
DCO
APPROVED BY
UDATE UTILITY LINES & OWNERSHIP
REMARKS
UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HDR
DRAWN BY
QC CHECKED BY
9/15/2016
DATE
APPROVED
PROFESSIONAL ENGINEER
4 INTERCHANGES ON
BANGERTER HIGHWAY - 11400 SOUTH
PROJECT
PROJECT NUMBER
S-0154(12)11
PIN 12566
UTILITIES
SHEET NO. 114UT-04



UTILITY ID NUMBER

UTILITY TYPE — OWNER ID

xxxx - #### - ##

LINE NUMBER

NOTES:

1. ALIGNMENT SHOWN ON UT SHEETS IS INFORMATIONAL AND IS USED FOR PROJECT ORIENTATION ONLY.

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
1	11/16/16	DCO	UPDATE UTILITY OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION

REGION 2 - HDR

DRAWN BY GS

QC CHECKED BY BDW

9/15/2016 DATE

APPROVED

PROFESSIONAL ENGINEER

PROJECT: 4 INTERCHANGES ON BANGERTER HIGHWAY - 11400 SOUTH

PROJECT NUMBER: S-0154(12)11 PIN 12566

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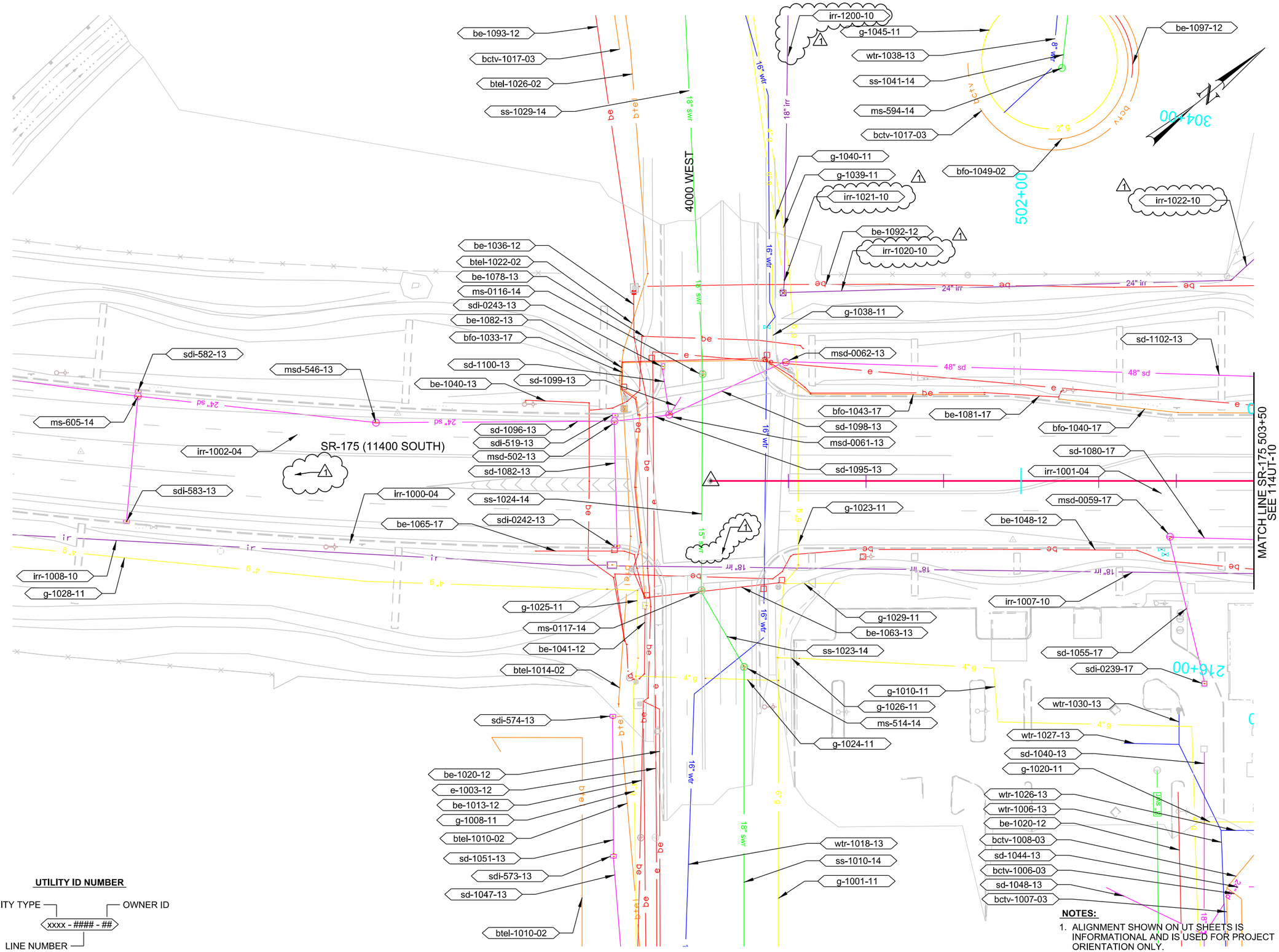

UTILITY ID NUMBER

UTILITY TYPE — OWNER ID

xxxx - #### - ##

LINE NUMBER

NOTES:

1. ALIGNMENT SHOWN ON UT SHEETS IS INFORMATIONAL AND IS USED FOR PROJECT ORIENTATION ONLY.

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
1	11/16/16	DCO	UPDATE UTILITY LINEWORK AND OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION

REGION 2 - HDR

DRAWN BY GS

QC CHECKED BY BDW

APPROVED

9/15/2016 DATE

PROFESSIONAL ENGINEER

4 INTERCHANGES ON

BANGERTER HIGHWAY - 11400 SOUTH

PROJECT

PROJECT NUMBER S-0154(12)11

PIN 12566

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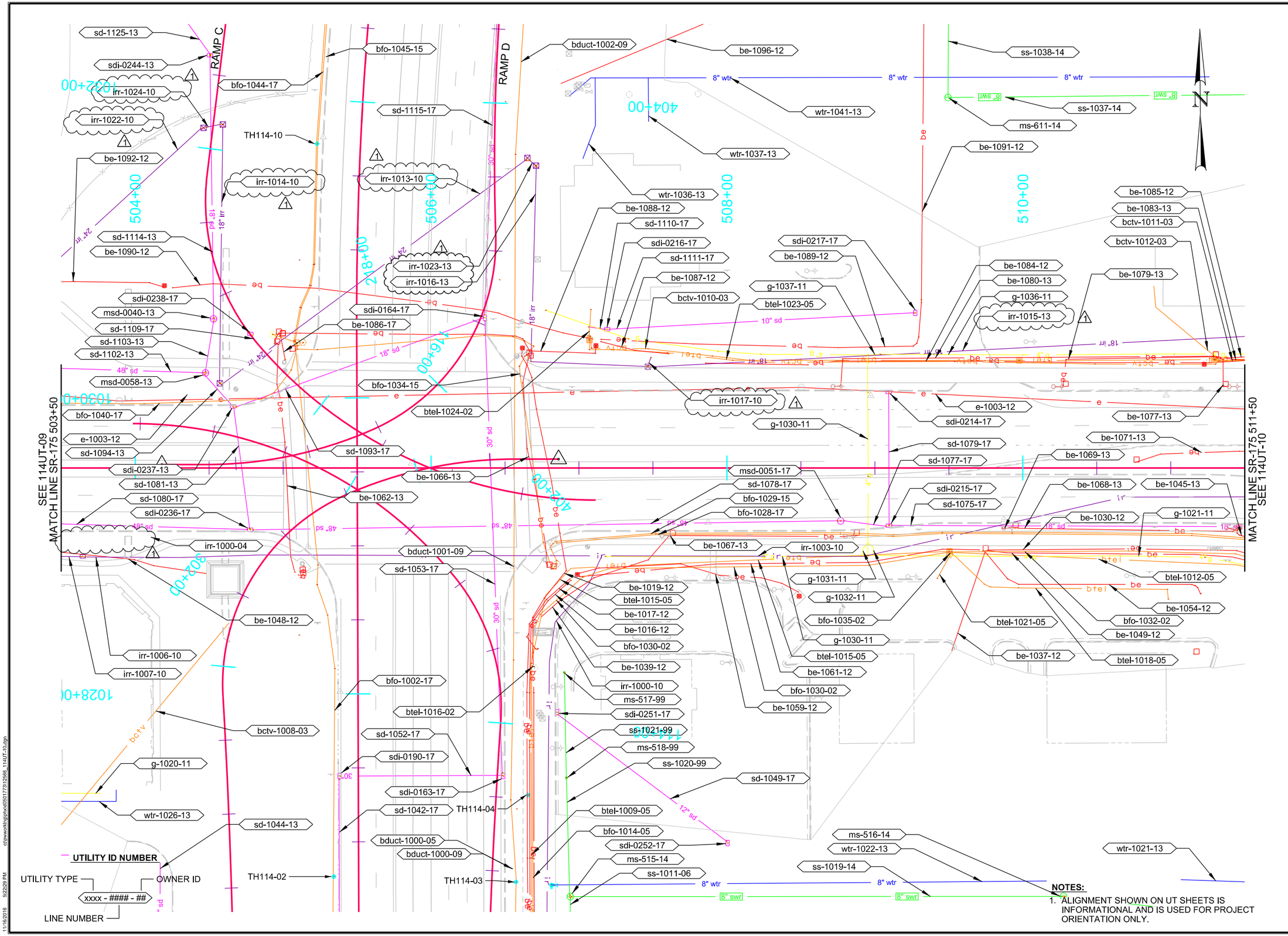

NOTES:

1. ALIGNMENT SHOWN ON UT SHEETS IS INFORMATIONAL AND IS USED FOR PROJECT ORIENTATION ONLY.

REVISIONS			
NO.	DATE	APPROVED BY	REMARKS
	11/16/16	DCO	UPDATE UTILITY LINEWORK AND OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION

REGION 2 - HDR

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QC CHECKED BY: BDW
APPROVED
9/15/2016
DATE
PROFESSIONAL ENGINEER

PROJECT: 4 INTERCHANGES ON BANGERTER HIGHWAY - 11400 SOUTH
PROJECT NUMBER: S-0154(12)11
PIN: 12566

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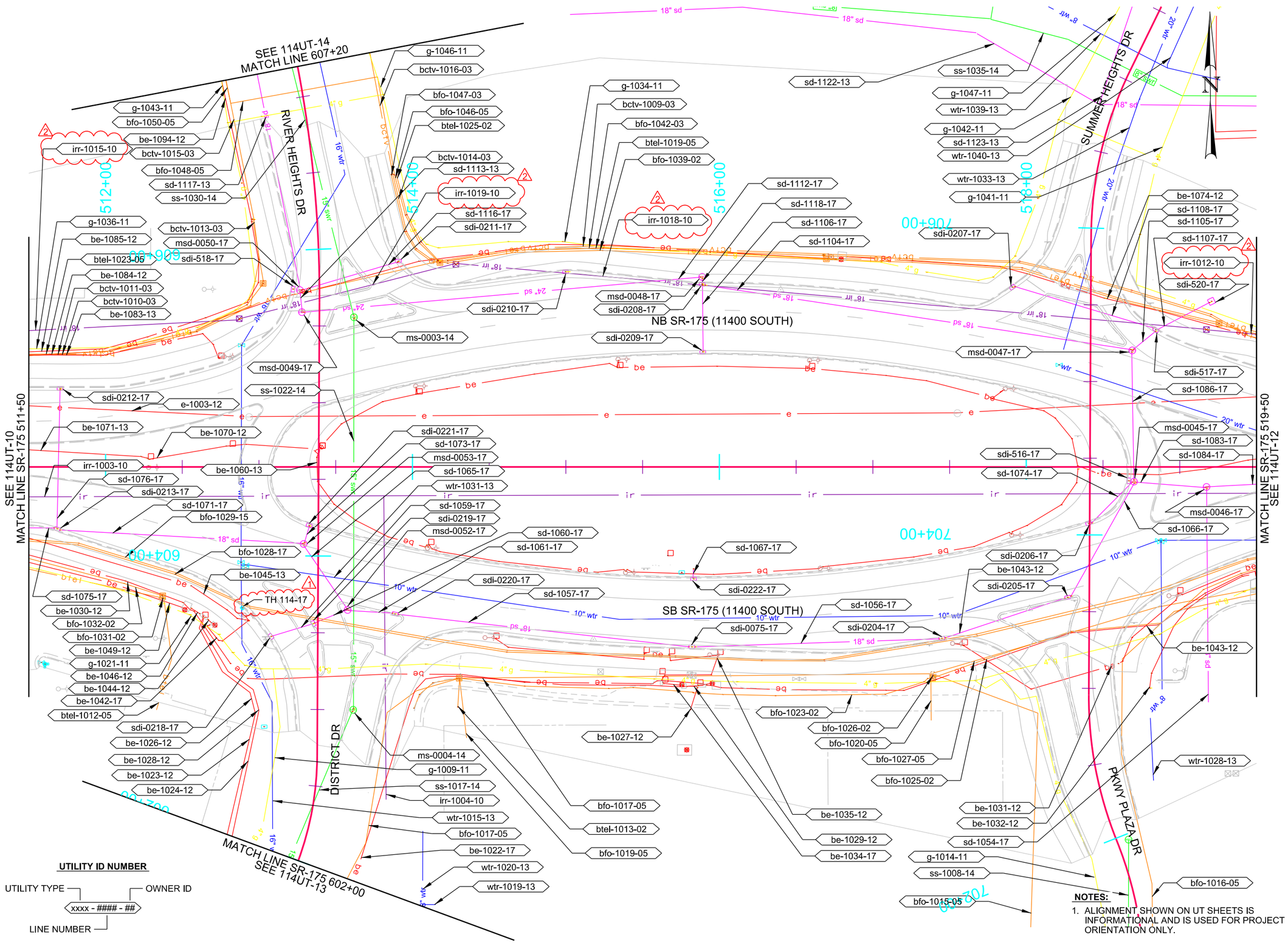

NOTES:

1. ALIGNMENT SHOWN ON UT SHEETS IS INFORMATIONAL AND IS USED FOR PROJECT ORIENTATION ONLY.

REVISIONS			
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1	10/14/16	BDW	ADDED TEST HOLE

UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HDR

DRAWN BY GS
QC CHECKED BY BDW
9/15/2016
DATE

APPROVED

PROFESSIONAL ENGINEER

4 INTERCHANGES ON
BANGERTER HIGHWAY - 11400 SOUTH

PROJECT
PROJECT NUMBER
S-0154(12)11
PIN 12566

UTILITIES

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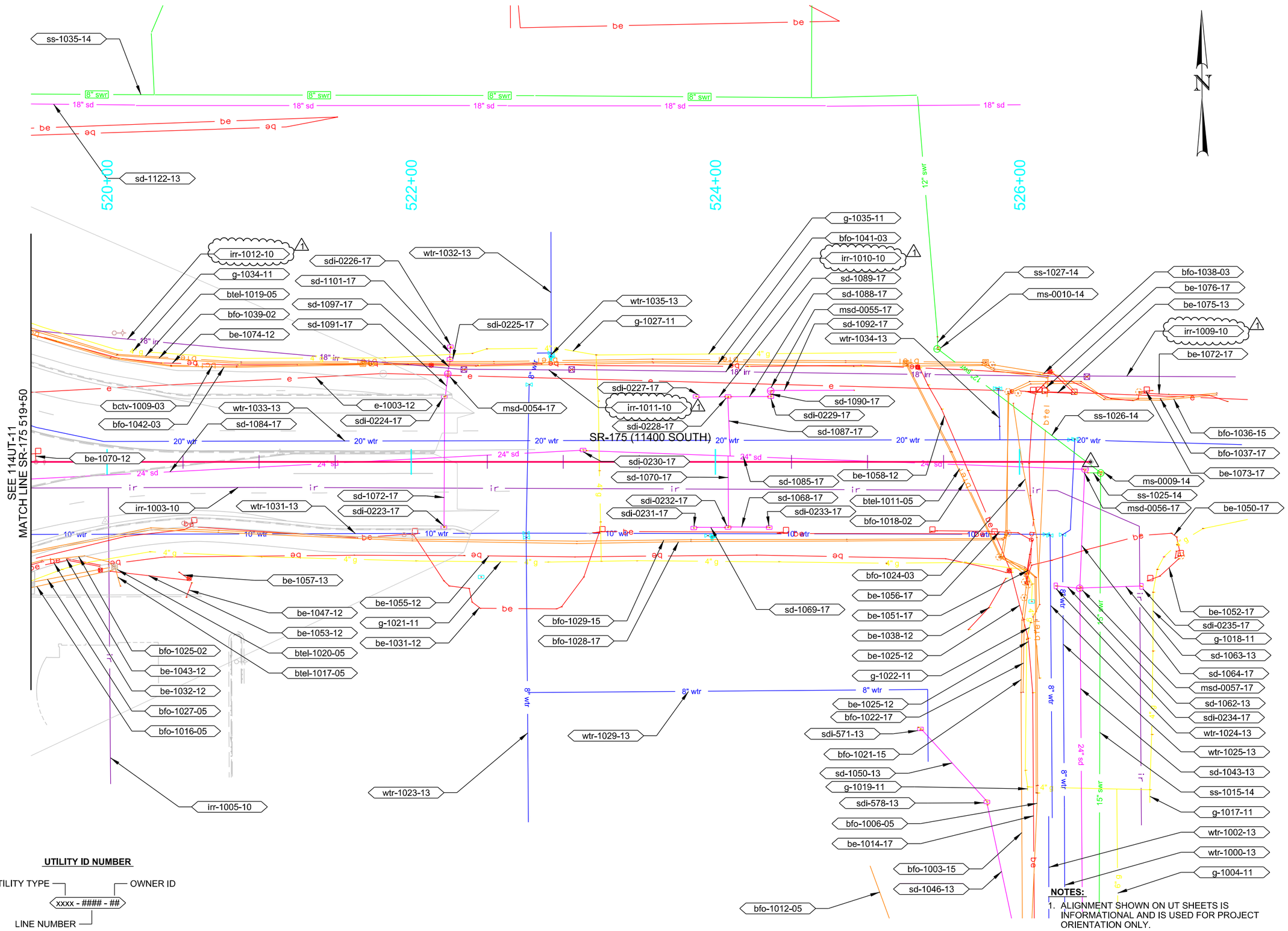

UTILITY ID NUMBER

UTILITY TYPE — OWNER ID

xxxx - #### - ##

LINE NUMBER

NOTES:

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REVISIONS

NO.	DATE	APPROVED BY	REMARKS
1	11/17/16	DCO	UPDATE UTILITY OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION

REGION 2 - HDR

DRAWN BY GS

QC CHECKED BY BDW

APPROVED

9/15/2016 DATE

PROFESSIONAL ENGINEER

PROJECT: 4 INTERCHANGES ON BANGERTER HIGHWAY - 11400 SOUTH

PROJECT NUMBER: S-0154(12)11

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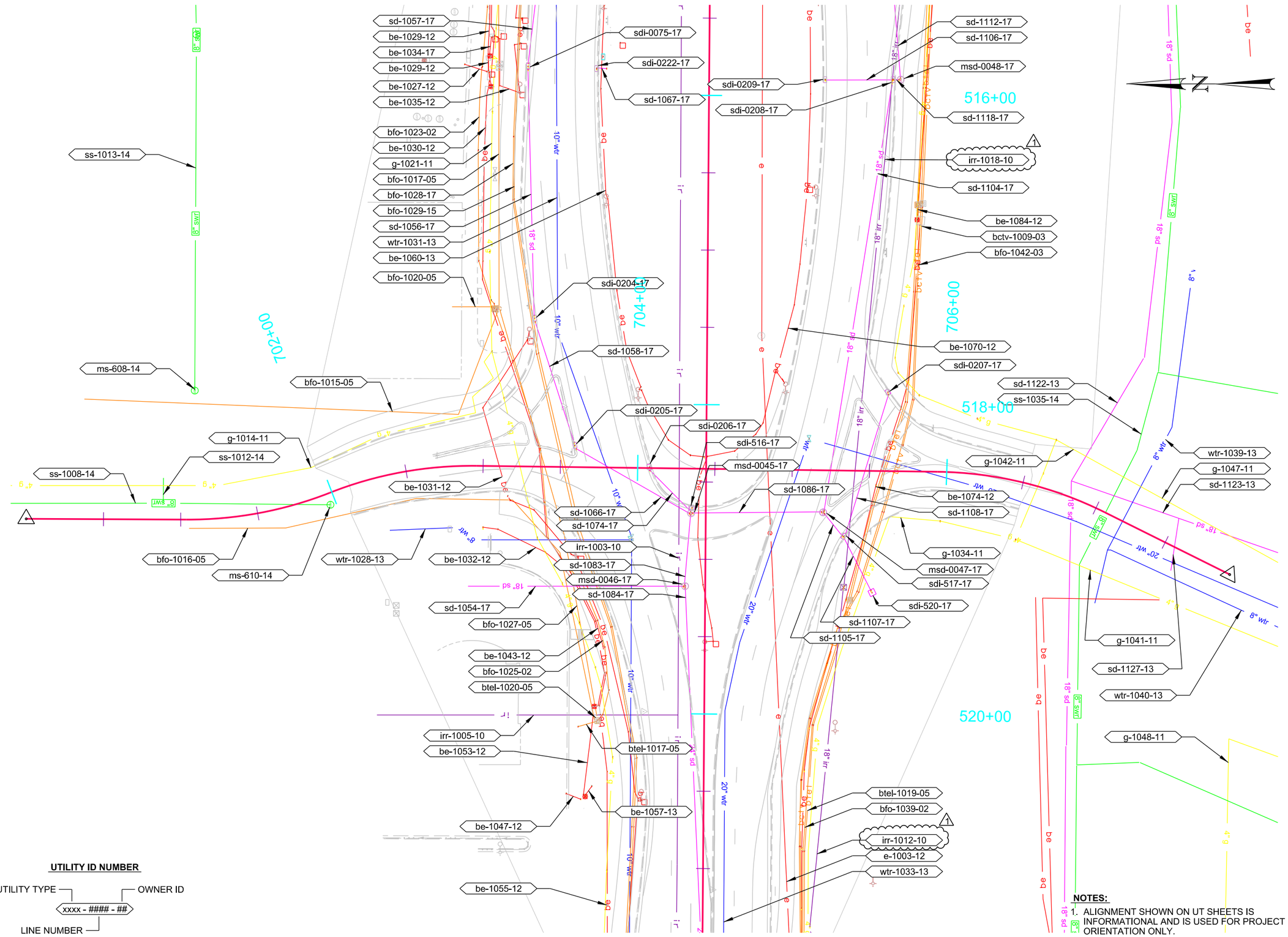

UTILITY ID NUMBER

UTILITY TYPE — OWNER ID

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LINE NUMBER

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1	11/17/16	DCO	UPDATE UTILITY OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION

REGION 2 - HDR

DRAWN BY GS

QC CHECKED BY BDW

APPROVED

9/15/2016 DATE

PROFESSIONAL ENGINEER

PROJECT: 4 INTERCHANGES ON BANGERTER HIGHWAY - 11400 SOUTH

PROJECT NUMBER: S-0154(12)11 PIN 12566

UTILITIES

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Utility ID Number	Plan Sheet	Owner	Utility Type	Size	Material	Quality Level	Aerial Buried	Test Hole Number	Comments
sd-1094-13	4, 10	SOUTH JORDAN	STORM DRAIN	18 IN		C			
sd-1102-13	4, 9, 10	SOUTH JORDAN	STORM DRAIN	48 IN		C			
sd-1103-13	4, 10	SOUTH JORDAN	STORM DRAIN	18 IN		C			
sd-1109-17	4, 10	UDOT	STORM DRAIN	8 IN		C			
sd-1110-17	4, 5, 10	UDOT	STORM DRAIN	10 IN		C			
sd-1111-17	4, 5, 10	UDOT	STORM DRAIN	10 IN		C			
sd-1114-13	4, 5, 10	SOUTH JORDAN	STORM DRAIN	18 IN		C			
sd-1115-17	4, 5, 10	UDOT	STORM DRAIN	30 IN		C			
sdi-0162-17	4	UDOT	STORM DRAIN			B			
sdi-0163-17	4, 10	UDOT	STORM DRAIN			B			
sdi-0164-17	4, 5, 10	UDOT	STORM DRAIN			B			
sdi-0190-17	4, 10	UDOT	STORM DRAIN			B			
sdi-0191-17	4	UDOT	STORM DRAIN			B			
sdi-0216-17	4, 5, 10	UDOT	STORM DRAIN			B			
sdi-0236-17	4, 10	UDOT	STORM DRAIN			B			
sdi-0237-13	4, 10	SOUTH JORDAN	STORM DRAIN			B			
sdi-0238-17	4, 10	UDOT	STORM DRAIN			B			
sdi-0239-17	4, 9	UDOT	STORM DRAIN			B			
sdi-0240-10	4, 9, 10	PRIVATE	IRRIGATION			B			
sdi-0251-17	4, 10	UDOT	STORM DRAIN			B			
sdi-0252-17	4, 10	UDOT	STORM DRAIN			B			
ss-1011-06	4, 10	KEARNS	SANITARY SEWER	8 IN		C			
ss-1019-14	4, 10, 13	SVSD	SANITARY SEWER	8 IN		C			
ss-1020-99	4, 10	UNKNOWN	SANITARY SEWER	6 IN		C			
ss-1021-99	4, 10	UNKNOWN	SANITARY SEWER	6 IN		C			
wtr-1012-13	4, 13	SOUTH JORDAN	WATER	8 IN		D			
wtr-1013-13	4	SOUTH JORDAN	WATER	6 IN		D			
wtr-1016-13	4	SOUTH JORDAN	WATER	6 IN		D			
wtr-1017-13	4	SOUTH JORDAN	WATER	6 IN		D			
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wtr-1026-13	4, 9, 10	SOUTH JORDAN	WATER	6 IN		D			
wtr-1027-13	4, 9, 10	SOUTH JORDAN	WATER	8 IN		D			
wtr-1030-13	4, 9	SOUTH JORDAN	WATER	6 IN		D			
bctv-1017-03	5, 9	COMCAST	CABLE TV			D	BURIED		
bctv-1019-03	5, 6	COMCAST	CABLE TV			D	BURIED		
bctv-1020-03	5, 6	COMCAST	CABLE TV			D	BURIED		
bctv-1021-03	5	COMCAST	CABLE TV			D	BURIED		
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be-1091-12	5, 10	RMP	POWER			D	BURIED		
be-1096-12	5, 10, 14	RMP	POWER			D	BURIED		
be-1097-12	5, 9	RMP	POWER			D	BURIED		
be-1100-12	5, 6	RMP	POWER			D	BURIED		
be-1102-12	5	RMP	POWER			D	BURIED		
bfo-1049-02	5, 9	CENTURY LINK	FIBER			D	BURIED		
btel-1027-02	5, 6	CENTURY LINK	TELEPHONE			D	BURIED		
btel-1028-02	5, 6	CENTURY LINK	TELEPHONE			D	BURIED		
g-1044-11	5, 9	QUESTAR	GAS	2 IN		D			
g-1049-11	5, 6, 7	QUESTAR	GAS	4 IN		D			
g-1050-11	5, 6	QUESTAR	GAS	4 IN		D			
g-1051-11	5	QUESTAR	GAS	2 IN		D			
g-1052-11	5, 14	QUESTAR	GAS	2 IN		D			
g-1053-11	5, 6	QUESTAR	GAS	2 IN		D			
irr-1023-~~13~~ 10 ⚠	5, 10	~~SOUTH JORDAN~~ PRIVATE ⚠	IRRIGATION	18 IN		C			
irr-1024-~~13~~ 10	5, 10	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			
ms-0595-14	5	SVSD	SANITARY SEWER			D			
ms-0596-14	5	SVSD	SANITARY SEWER			D			
ms-0597-14	5	SVSD	SANITARY SEWER			D			
msd-0526-13	5	SOUTH JORDAN	STORM DRAIN			B			
msd-0534-13	5	SOUTH JORDAN	STORM DRAIN			B			

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
1	11/16/16	DCO	UPDATE UTILITY OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HDR

DRAWN BY GS
QC CHECKED BY BDW
APPROVED
9/15/2016
DATE
PROFESSIONAL ENGINEER

PROJECT: 4 INTERCHANGES ON BANGERTER HIGHWAY - 11400 SOUTH
PROJECT NUMBER: S-0154(12)11 PIN 12566
UTILITIES

SHEET NO. 114UTSM-05

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Utility ID Number	Plan Sheet	Owner	Utility Type	Size	Material	Quality Level	Aerial Buried	Test Hole Number	Comments
be-1087-12	4, 5, 10	RMP	POWER			D	BURIED		
be-1088-12	4, 10	RMP	POWER			D	BURIED		
be-1089-12	4, 5, 10	RMP	POWER			D	BURIED		
be-1090-12	4, 5, 10	RMP	POWER			D	BURIED		
be-1092-12	4, 9, 10	RMP	POWER			D	BURIED		
bfo-1013-05	4	FIRST DIGITAL	FIBER			B	BURIED		
bfo-1014-05	4, 10	FIRST DIGITAL	FIBER			B	BURIED		
bfo-1028-17	4, 10, 11, 12, 13, 15	UDOT	FIBER			B	BURIED		
bfo-1029-15	4, 10, 11, 12, 13, 15	SYRINGA	FIBER			B	BURIED		
bfo-1030-02	4, 10	CENTURY LINK	FIBER			B	BURIED		
bfo-1034-15	4, 10	SYRINGA	FIBER			B	BURIED		
bfo-1040-17	4, 9, 10	UDOT	FIBER			B	BURIED		
bfo-1044-17	4, 5, 6, 7, 8, 10	UDOT	FIBER			B	BURIED	TH 114-10, -11, -12, -13, -15	
1 ~~bfo-1045-18~~	~~4, 5, 6, 7, 8, 10~~	~~VERIZON~~	~~FIBER~~			~~B~~	~~BURIED~~		
btel-1008-05	4	FIRST DIGITAL	TELEPHONE			B	BURIED		
btel-1009-05	4, 10	FIRST DIGITAL	TELEPHONE			B	BURIED		
btel-1015-05	4, 10	FIRST DIGITAL	TELEPHONE			B	BURIED		
btel-1016-02	4, 10	CENTURY LINK	TELEPHONE			B	BURIED		
btel-1023-05	4, 5, 10, 11, 14	FIRST DIGITAL	TELEPHONE			B	BURIED		
btel-1024-02	4, 5, 10	CENTURY LINK	TELEPHONE			B	BURIED		
e-1003-12	4, 9, 10, 11, 12, 15	RMP	POWER			D	AERIAL		
g-1012-11	4, 13	QUESTAR	GAS	2 IN		D			
g-1013-11	4	QUESTAR	GAS	2 IN		D			
g-1015-11	4	QUESTAR	GAS	2 IN		D			
g-1016-11	4	QUESTAR	GAS	2 IN		D			
g-1020-11	4, 9, 10	QUESTAR	GAS	2 IN		D			
g-1030-11	4, 5, 10	QUESTAR	GAS	4 IN		B			
irr-1000-04	4, 9, 10	DAYBREAK	IRRIGATION PRESSURIZED	6 IN		D			
irr-1001-04	4, 9	DAYBREAK	IRRIGATION PRESSURIZED	6 IN		D			
irr-1003-10	4, 10, 11, 12, 13, 15	PRIVATE	IRRIGATION			D			
irr-1006-10	4, 9, 10	PRIVATE	IRRIGATION	18 IN		D			
irr-1007-10	4, 9, 10	PRIVATE	IRRIGATION	18 IN		C			
irr-1013-~~13~~10 2	4, 5, 10	~~SOUTH JORDAN~~ PRIVATE 2	IRRIGATION	24 IN		C			ABANDONED 2
irr-1014-~~13~~10	4, 5, 10	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			ABANDONED
irr-1015-~~13~~10	4, 5, 10, 11, 14	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			ABANDONED
irr-1016-~~13~~10	4, 5, 10	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			ABANDONED
irr-1017-~~13~~10	4, 10	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			ABANDONED
irr-1020-~~13~~10	4, 9, 10	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	24 IN		C			ABANDONED
irr-1022-~~13~~10	4, 5, 9, 10	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	24 IN		C			ABANDONED
ms-0515-14	4, 10	SVSD	SANITARY SEWER			B			
ms-0517-99	4, 10	UNKNOWN	SANITARY SEWER			B			
1 ~~ms-0518-99~~	~~4, 10~~	~~UNKNOWN~~	~~SANITARY SEWER~~			~~B~~			
ms-0519-06	4	KEARNS	SANITARY SEWER			B			
ms-0520-06	4	KEARNS	SANITARY SEWER			B			
msd-0040-13	4, 10	SOUTH JORDAN	STORM DRAIN			B			
msd-0058-13	4, 10	SOUTH JORDAN	STORM DRAIN			B			
msd-0059-17	4, 9	UDOT	STORM DRAIN			B			
sd-1041-17	4	UDOT	STORM DRAIN	18 IN		C			
sd-1042-17	4, 10	UDOT	STORM DRAIN	30 IN		C			
sd-1044-13	4, 9, 10	SOUTH JORDAN	STORM DRAIN	24 IN		D			
sd-1048-13	4, 9	SOUTH JORDAN	STORM DRAIN	24 IN		D			
sd-1049-17	4, 10	UDOT	STORM DRAIN	12 IN		C			
sd-1052-17	4, 10	UDOT	STORM DRAIN	30 IN		C			
sd-1053-17	4, 5, 10	UDOT	STORM DRAIN	30 IN		C			
sd-1055-17	4, 9	UDOT	STORM DRAIN	8 IN		C			
sd-1078-17	4, 10	UDOT	STORM DRAIN	48 IN		C			
sd-1080-17	4, 9, 10	UDOT	STORM DRAIN	48 IN		C			
sd-1081-13	4, 10	SOUTH JORDAN	STORM DRAIN	18 IN		C			
sd-1093-17	4, 5, 10	UDOT	STORM DRAIN	18 IN		C			

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
2	11/16/16	DCO	UPDATE UTILITY OWNERSHIP & NOTES
1	10/6/16	BDW	DELETED UTILITY ID NUMBER

UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HDR

DRAWN BY GS
QC CHECKED BY BDW
DATE 9/15/2016
APPROVED
PROFESSIONAL ENGINEER

4 INTERCHANGES ON
BANGERTER HIGHWAY - 11400 SOUTH
PROJECT NUMBER S-0154(12)11 PIN 12566
PROJECT
UTILITIES
SHEET NO. 114UTSM-04

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Utility ID Number	Plan Sheet	Owner	Utility Type	Size	Material	Quality Level	Aerial Buried	Test Hole Number	Comments
bfo-1033-17	9	UDOT	FIBER			B	BURIED		
bfo-1043-17	9	UDOT	FIBER			B	BURIED		
bfo-1051-02	9	CENTURY LINK	FIBER			D	BURIED		
btel-1010-02	9	CENTURY LINK	TELEPHONE			D	BURIED		
btel-1014-02	9	CENTURY LINK	TELEPHONE			B	BURIED		
btel-1022-02	9	CENTURY LINK	TELEPHONE			B	BURIED		
btel-1026-02	9	CENTURY LINK	TELEPHONE			D	BURIED		
g-1001-11	9	QUESTAR	GAS	6 IN		D			
g-1008-11	9	QUESTAR	GAS	4 IN		D			
g-1023-11	9	QUESTAR	GAS	6 IN		B			
g-1024-11	9	QUESTAR	GAS	4 IN		D			
g-1025-11	9	QUESTAR	GAS	4 IN		B			
g-1026-11	9	QUESTAR	GAS	4 IN		B			
g-1028-11	9	QUESTAR	GAS	4 IN		D			
g-1029-11	9	QUESTAR	GAS	6 IN		D			
g-1038-11	9	QUESTAR	GAS	6 IN		D			HIGH PRESSURE
g-1039-11	9	QUESTAR	GAS	4 IN		D			
g-1040-11	9	QUESTAR	GAS	6 IN		D			
irr-1002-04	9	DAYBREAK	IRRIGATION PRESSURIZED	6 IN		D			
irr-1008-10	9	PRIVATE	IRRIGATION			D			
irr-1021-13~~10~~	9	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			
irr-1200-13~~10~~	9	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			
ms-0116-14	9	SVSD	SANITARY SEWER			B			
ms-0117-14	9	SVSD	SANITARY SEWER			B			
ms-0514-14	9	SVSD	SANITARY SEWER			B			
ms-0594-14	9	SVSD	SANITARY SEWER			D			
msd-0061-13	9	SOUTH JORDAN	STORM DRAIN			B			
msd-0062-13	9	SOUTH JORDAN	STORM DRAIN			B			
msd-0502-13	9	SOUTH JORDAN	STORM DRAIN			B			
msd-0544-13	9	SOUTH JORDAN	STORM DRAIN			B			
msd-0546-13	9	SOUTH JORDAN	STORM DRAIN			B			
sd-1045-13	9	SOUTH JORDAN	STORM DRAIN	12 IN		D			
sd-1047-13	9	SOUTH JORDAN	STORM DRAIN	12 IN		C			
sd-1051-13	9	SOUTH JORDAN	STORM DRAIN	12 IN		C			
sd-1082-13	9	SOUTH JORDAN	STORM DRAIN	18 IN		C			
sd-1095-13	9	SOUTH JORDAN	STORM DRAIN	60 IN		C			
sd-1096-13	9	SOUTH JORDAN	STORM DRAIN	24 IN		D			
sd-1098-13	9	SOUTH JORDAN	STORM DRAIN	48 IN		C			
sd-1099-13	9	SOUTH JORDAN	STORM DRAIN	18 IN		D			
sd-1100-13	9	SOUTH JORDAN	STORM DRAIN	18 IN		C			
sd-1268-13	9	SOUTH JORDAN	STORM DRAIN	24 IN		C			
sd-1269-13	9	SOUTH JORDAN	STORM DRAIN	24 IN		C			
sd-1270-13	9	SOUTH JORDAN	STORM DRAIN	24 IN		C			
sd-1271-13	9	SOUTH JORDAN	STORM DRAIN	18 IN		C			
sdi-0241-10	9	PRIVATE	IRRIGATION			B			
sdi-0242-13	9	SOUTH JORDAN	STORM DRAIN			B			
sdi-0243-13	9	SOUTH JORDAN	STORM DRAIN			B			
sdi-0519-13	9	SOUTH JORDAN	STORM DRAIN			B			
sdi-0573-13	9	SOUTH JORDAN	STORM DRAIN			B			
sdi-0574-13	9	SOUTH JORDAN	STORM DRAIN			B			
sdi-0582-13	9	SOUTH JORDAN	STORM DRAIN			B			
sdi-0583-13	9	SOUTH JORDAN	STORM DRAIN			B			
ss-1010-14	9	SVSD	SANITARY SEWER	18 IN		C			
ss-1023-14	9	SVSD	SANITARY SEWER	18 IN		C			
ss-1024-14	9	SVSD	SANITARY SEWER	15 IN		C			
ss-1029-14	9	SVSD	SANITARY SEWER	18 IN		C			
ss-1041-14	9	SVSD	SANITARY SEWER	8 IN		D			
wtr-1018-13	9	SOUTH JORDAN	WATER	16 IN		D			
wtr-1038-13	9	SOUTH JORDAN	WATER	8 IN		D			

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
1	11/16/16	DCO	UPDATE UTILITY OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HDR

DRAWN BY GS
QC CHECKED BY BDW
APPROVED
9/15/2016 DATE
PROFESSIONAL ENGINEER

PROJECT: 4 INTERCHANGES ON BANGERTER HIGHWAY - 11400 SOUTH
PROJECT NUMBER: S-0154(12)11 PIN 12566
UTILITIES

SHEET NO. 114UTSM-08

11/18/2016 9:06:42 AM c:\pwworkingjohxd\d0591773\12566_114UTSM-08.dgn

Utility ID Number	Plan Sheet	Owner	Utility Type	Size	Material	Quality Level	Aerial Buried	Test Hole Number	Comments
be-1035-12	11, 13, 15	RMP	POWER			D	BURIED		
be-1042-17	11, 13	UDOT	POWER			D	BURIED		
be-1043-12	11, 12, 15	RMP	POWER			D	BURIED		
be-1044-12	11, 13	RMP	POWER			D	BURIED		
be-1046-12	11, 13	RMP	POWER			D	BURIED		
be-1060-13	11, 13, 15	SOUTH JORDAN	POWER			D	BURIED		
be-1070-12	11, 12, 13, 15	RMP	POWER			D	BURIED		
be-1074-12	11, 12, 15	RMP	POWER			D	BURIED		
be-1094-12	11, 14	RMP	POWER			D	BURIED		
be-1095-12	11, 12, 15	RMP	POWER			D	BURIED		
bfo-1015-05	11, 15	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1016-05	11, 12, 15	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1017-05	11, 13, 15	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1019-05	11, 13	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1020-05	11, 15	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1023-02	11, 13, 15	CENTURY LINK	FIBER			B	BURIED		
bfo-1025-02	11, 12, 15	CENTURY LINK	FIBER			B	BURIED		
bfo-1026-02	11, 15	CENTURY LINK	FIBER			B	BURIED		
bfo-1027-05	11, 12, 15	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1031-02	11, 13	CENTURY LINK	FIBER			B	BURIED		
bfo-1039-02	11, 12, 15	CENTURY LINK	FIBER			B	BURIED		
bfo-1042-03	11, 12, 15	COMCAST	FIBER			B	BURIED		
bfo-1046-05	11, 14	FIRST DIGITAL	FIBER			B	BURIED		
bfo-1047-03	11, 14	COMCAST	FIBER			B	BURIED		
bfo-1048-05	11, 14	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1050-05	11, 14	FIRST DIGITAL	FIBER			D	BURIED		
btel-1013-02	11, 13	CENTURY LINK	TELEPHONE			B	BURIED		
btel-1019-05	11, 12, 15	FIRST DIGITAL	TELEPHONE			B	BURIED		
btel-1025-02	11, 14	CENTURY LINK	TELEPHONE			B	BURIED		
g-1009-11	11, 13	QUESTAR	GAS	4 IN		D			
g-1014-11	11, 15	QUESTAR	GAS	4 IN		D			
g-1034-11	11, 12, 15	QUESTAR	GAS	4 IN		B			
g-1041-11	11, 12, 15	QUESTAR	GAS	4 IN		D			
g-1042-11	11, 15	QUESTAR	GAS	4 IN		D			
g-1043-11	11, 14	QUESTAR	GAS	4 IN		D			
g-1046-11	11, 14	QUESTAR	GAS	4 IN		D			
g-1047-11	11, 15	QUESTAR	GAS	2 IN		D			
irr-1004-10	11, 13	PRIVATE	IRRIGATION			D			
irr-1012-~~13~~ 10 1	11, 12, 15	~~SOUTH JORDAN~~ PRIVATE 1	IRRIGATION	18 IN		C			
irr-1018-~~13~~ 10	11, 15	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			
irr-1019-~~13~~ 10	11	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			
ms-0001-14	11, 14	SVSD	SANITARY SEWER			B			
ms-0002-14	11, 14	SVSD	SANITARY SEWER			B			
ms-0003-14	11	SVSD	SANITARY SEWER			B			
ms-0004-14	11, 13	SVSD	SANITARY SEWER			B			
ms-0610-14	11, 15	SVSD	SANITARY SEWER			D			
msd-0045-17	11, 15	UDOT	STORM DRAIN			B			
msd-0046-17	11, 15	UDOT	STORM DRAIN			B			
msd-0047-17	11, 15	UDOT	STORM DRAIN			B			
msd-0048-17	11, 15	UDOT	STORM DRAIN			B			
msd-0049-17	11	UDOT	STORM DRAIN			B			
msd-0050-17	11	UDOT	STORM DRAIN			B			
msd-0052-17	11, 13	UDOT	STORM DRAIN			B			
msd-0053-17	11, 13	UDOT	STORM DRAIN			B			
sd-1054-17	11, 15	UDOT	STORM DRAIN	18 IN		D			
sd-1056-17	11, 13, 15	UDOT	STORM DRAIN	18 IN		C			
sd-1057-17	11, 13, 15	UDOT	STORM DRAIN	18 IN		C			
sd-1058-17	11, 15	UDOT	STORM DRAIN	18 IN		C			
sd-1059-17	11, 13	UDOT	STORM DRAIN	18 IN		C			

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
1	11/16/16	DCO	UPDATE UTILITY OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HDR

DRAWN BY GS
QC CHECKED BY BDW
9/15/2016 DATE
APPROVED
PROFESSIONAL ENGINEER

4 INTERCHANGES ON
BANGERTER HIGHWAY - 11400 SOUTH
S-0154(12)11 PIN 12566
UTILITIES

PROJECT
PROJECT NUMBER

SHEET NO. 114UTSM-10

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Utility ID Number	Plan Sheet	Owner	Utility Type	Size	Material	Quality Level	Aerial Buried	Test Hole Number	Comments
wtr-1028-13	11, 15	SOUTH JORDAN	WATER	8 IN		D			
wtr-1031-13	11, 12, 13, 15	SOUTH JORDAN	WATER	10 IN		D			
wtr-1033-13	11, 12, 15	SOUTH JORDAN	WATER	20 IN		D			
wtr-1039-13	11, 12, 15	SOUTH JORDAN	WATER	8 IN		D			
wtr-1040-13	11, 15	SOUTH JORDAN	WATER	8 IN		D			
wtr-1042-13	11, 14	SOUTH JORDAN	WATER	8 IN		D			
wtr-1043-13	11, 14	SOUTH JORDAN	WATER	8 IN		D			
wtr-1044-13	11, 14	SOUTH JORDAN	WATER	8 IN		D			
be-1014-17	12	UDOT	POWER			D	BURIED		
be-1025-12	12	RMP	POWER			D	BURIED		
be-1038-12	12	RMP	POWER			D	BURIED		
be-1047-12	12, 15	RMP	POWER			D	BURIED		
be-1050-17	12	UDOT	POWER			D	BURIED		
be-1051-17	12	UDOT	POWER			D	BURIED		
be-1052-17	12	UDOT	POWER			D	BURIED		
be-1053-12	12, 15	RMP	POWER			D	BURIED		
be-1055-12	12, 15	RMP	POWER			D	BURIED		
be-1056-17	12	UDOT	POWER			D	BURIED		
be-1057-13	12, 15	SOUTH JORDAN	POWER			D	BURIED		
be-1058-12	12	RMP	POWER			D	BURIED		
be-1072-17	12	UDOT	POWER			D	BURIED		
be-1073-17	12	UDOT	POWER			D	BURIED		
be-1075-13	12	SOUTH JORDAN	POWER			D	BURIED		
be-1076-17	12	UDOT	POWER			D	BURIED		
be-1098-12	12	RMP	POWER			D	BURIED		
bfo-1003-15	12, 16, 17, 18	SYRINGA	FIBER			D	BURIED		
bfo-1006-05	12	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1012-05	12	FIRST DIGITAL	FIBER			D	BURIED		
bfo-1018-02	12	CENTURY LINK	FIBER			B	BURIED		
bfo-1021-15	12	SYRINGA	FIBER			B	BURIED		
bfo-1022-17	12	UDOT	FIBER			B	BURIED		
bfo-1024-03	12	COMCAST	FIBER			B	BURIED		
bfo-1036-15	12	SYRINGA	FIBER			B	BURIED		
bfo-1037-17	12	UDOT	FIBER			B	BURIED		
bfo-1038-03	12	COMCAST	FIBER			B	BURIED		
bfo-1041-03	12	COMCAST	FIBER			B	BURIED		
btel-1011-05	12	FIRST DIGITAL	TELEPHONE			B	BURIED		
btel-1017-05	12, 15	FIRST DIGITAL	TELEPHONE			B	BURIED		
btel-1020-05	12, 15	FIRST DIGITAL	TELEPHONE			B	BURIED		
g-1004-11	12, 18	QUESTAR	GAS	6 IN		D			
g-1017-11	12	QUESTAR	GAS	4 IN		D			
g-1018-11	12	QUESTAR	GAS	4 IN		B			
g-1019-11	12	QUESTAR	GAS	4 IN		D			
g-1022-11	12	QUESTAR	GAS	4 IN		D			
g-1027-11	12	QUESTAR	GAS	4 IN		B			
g-1033-11	12	QUESTAR	GAS	4 IN		D			
g-1035-11	12	QUESTAR	GAS	4 IN		D			
irr-1005-10	12, 15	PRIVATE	IRRIGATION			D			
irr-1009-~~13~~10	12	~~SOUTH JORDAN~~ PRIVATE 1	IRRIGATION	15 IN		C			
irr-1010-~~13~~10 1	12	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			
irr-1011-~~13~~10	12	~~SOUTH JORDAN~~ PRIVATE	IRRIGATION	18 IN		C			
ms-0009-14	12	SVSD	SANITARY SEWER			B			
ms-0010-14	12	SVSD	SANITARY SEWER			B			
msd-0054-17	12	UDOT	STORM DRAIN			B			
msd-0055-17	12	UDOT	STORM DRAIN			B			
msd-0056-17	12	UDOT	STORM DRAIN			B			
msd-0057-17	12	UDOT	STORM DRAIN			B			
sd-1043-13	12	SOUTH JORDAN	STORM DRAIN	24 IN		C			
sd-1046-13	12	SOUTH JORDAN	STORM DRAIN	15 IN		C			

REVISIONS

NO.	DATE	APPROVED BY	REMARKS
1	11/16/16	DCO	UPDATE UTILITY OWNERSHIP

UTAH DEPARTMENT OF TRANSPORTATION
REGION 2 - HDR

DRAWN BY GS
QC CHECKED BY BDW
APPROVED
9/15/2016 DATE
PROFESSIONAL ENGINEER

4 INTERCHANGES ON
BANGERTER HIGHWAY - 11400 SOUTH

PROJECT
PROJECT NUMBER S-0154(12)11 PIN 12566

UTILITIES

SHEET NO. 114UTSM-12

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Deviation from Administrative Rule 930-7, Utility Accommodation

Project Information:
Project No: _____ PIN: _____
Location: _____
Description: _____

Does the proposed deviation violate any state or federal statutes, laws or regulations? (e.g. National Electrical Code, U.S. Department of Transportation rules & regulations governing transmission of hazardous materials and pipeline safety regulations contained in 49 CFR 192, 193 and 195)
No ☐
Yes ☐ Please explain: _____

Describe how the proposed deviation supports use of the right of way for the public good:

_____

What are the impacts of the proposed deviation?		
Limited (Region Review only)	☐	(e.g. overhead clearance, depth of bury, clear zone encroachment, manholes in pavement, proximity to structures, open trench construction)
Significant (Full Review)	☐	(e.g. utility access points inside of freeway & expressway N/A boundaries, median installations of overhead facilities such as poles, negatively impact Scenic Area, uncased pipelines carrying high volume or pressurized liquids)
Explain the circumstances, unusual conditions and hardships of meeting the requirements of R930-7:		
Describe the mitigation measures that will be specified and implemented to fulfill the intent of meeting R930-7:		
☐	Utility Company's formal request for a deviation is attached.	

Explanation of direct and indirect impacts associated with the deviation:	
Design:	
Safety:	
Environmental:	
Economic: (include utility/project costs/benefits, highway user costs/benefits, and other indirect economic (including community) costs/benefits):	

Deviation from Administrative Rule 930-7, Utility Accommodation - Signature Page

Approval / Signatures:

Prepared By	UDOT Project Manager
Region Pre-construction Engineer	Region Director
Statewide Utilities & Railroad Engineer	FHWA Concurrence*

*FHWA signature of concurrence is required when UDOT determines the request is a Significant Deviation from R930-7 and the proposed utility would be located within a Federal-aid highway right of way.

REQUEST FOR PROPOSALS

UTAH DEPARTMENT OF TRANSPORTATION

4 Interchanges on Bangerter HWY (SR-154)

Project No. S-0154(12)11

Salt Lake County

REFERENCE DOCUMENTS

(RD)

Addendum ~~7~~ 8 - November ~~17~~22, 2016

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3. PEC Build Alternative – 4015 West Reconstruction

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   1. 4015 West - Build Alternative
c) 7000 South
d) 9000 South
e) 11400 South - Revised
f) Drainage Basin .dgns –
g) 4015 West Drainage Basin .dgn

5. Environmental Documentation

a) Final State Environmental Study (SES) Bangerter Hwy & 5400 South
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e) USBOR Aqueduct Environmental Assessment (EA) Draft
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b) South Jordan City Bangerter Hwy. and 9000 South Supporting Drainage and Utilities Information
c) South Jordan City Bangerter Hwy. and 11400 South Supporting Drainage Information
d) South Jordan City Bangerter Hwy. and 11400 South Supplemental Offsite Supporting Drainage Information
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9. As-Builts

a) Bangerter Hwy (SR-154) at 6200, 7000 & 7800 South DB
b) Bangerter Hwy (SR-154) at 4700 & 5400 South (SR-173) Flex Lanes CFI
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1. SR-154 WVH 4100 South to 5400 South

f) USBOR Aqueduct As-Builts
g) Pedestrian Structure As-Builts
~~g)~~h) Bangerter Hwy 9000 South to 12600 South Drainage and Irrigation

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11. Draft Aesthetics Plan

a) Bangerter Highway Aesthetics Treatment
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12. Right-of-Way Plans - Revised

13. Utility General Estimated Costs

a) Estimated Costs for AT&T
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14. Miscellaneous Agreements

a) MOA UDOT and SJ Marketplace
b) SLCC RIRO Letter
c) UTA-UDOT Partnering Agreement June 2015

15. Not Used – Moved to Part 8 (Engineering Data)

16. Traffic Models

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17. Splice Details

a) First Digital Splicing
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18. West Jordan City Council Presentation 9/7/16 – 7000 South Closure Request

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21. 2015 Traffic Models

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22. Drainage Report SR-154 Bangerter Highway 9000 South to 12600 South

23. Aqueduct Protection and Monitoring Draft Special Provisions – Moved to Part 5

24. Parapet Sign Details – City and Road Name Signs - Sample from PIN 6999

~~24.~~25. JVWCD Cathodic Protection

REFERENCE DOCUMENTATION NOT INCLUDED IN MAIN PDF DOCUMENT; INCLUDED AS SEPARATE DOCUMENTS/ELECTRONIC FILES.