### **REPORT NO.** 27

- **DATE** May 26, 2011
- **SUBJECT** CONFORMITY ANALYSIS FOR THE WFRC 2040 REGIONAL TRANSPORTATION PLAN.
- **ABSTRACT** The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) and the Clean Air Act Amendments (CAAA) require that all regionally significant highway and transit projects in air quality non-attainment and maintenance areas be derived from a "conforming" Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP). A conforming Plan or Program is one that has been analyzed for emissions of controlled air pollutants and found to be within emission limits established in the State Implementation Plan (SIP) or within guidelines established by Environmental Protection Agency (EPA) until such time that a SIP is approved. This conformity analysis is made by the Wasatch Front Regional Council (WFRC), as the Metropolitan Planning Organization for the region, and submitted to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) for their concurrence. This conformity analysis is being prepared according to the transportation conformity rulemakings promulgated by the EPA as of March 2010 and according to FHWA final rulemakings found in the SAFETEA-LU legislation.

Based on the analysis presented in this document, the WFRC 2040 RTP conforms to the State Implementation Plan or the Environmental Protection Agency interim conformity guidelines for all pollutants in applicable non-attainment or maintenance areas. Therefore, all the transportation projects in Weber, Davis, and Salt Lake Counties in the 2040 RTP are found to conform.

## Wasatch Front Regional Council

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### **Table of Contents**

|            |   | Page |
|------------|---|------|
| <b>A</b> . | Conformity Requirements   | 4    |
|            | Conformity Process  |      |
|            | Latest Planning Assumptions                                       |      |
|            | Latest Emissions Model  | 5    |
|            | Consultation Process  | 5    |
|            | TCM Implementation  | 6    |
|            | Emissions Budget  |      |
|            | Currently Conforming Plan and TIP                                 |      |
|            | Projects from a Conforming Plan and TIP                           |      |
|            | Regionally Significant  |      |
|            | CO, PM <sub>10</sub> and PM <sub>2.5</sub> "Hot Spot" Analysis    |      |
|            | PM10 Control Measures   |      |
|            | Other Conformity Requirements                                     |      |
| <b>B</b> . | Transportation Modeling   | 8    |
|            | Planning Process  |      |
|            | Travel Characteristics  |      |
|            | Peak and Off-Peak Speeds  |      |
|            | Comparison of Modeled Speeds with Observed Data                   | 10   |
| С.         | Emission Modeling   | 11   |
|            | I/M Programs  |      |
|            | VMT Mix   |      |
|            | Vehicle Weights   |      |
|            | Post Model Adjustments  |      |
|            | MOBILE6 Inputs  |      |
|            | Road Dust Estimates   |      |
| <b>D</b> . | Conformity Determination  | 14   |
|            | Salt Lake City CO Conformity                                      |      |
|            | Ogden CO Conformity   |      |
|            | Ogden PM10 Conformity   | 15   |
|            | Salt Lake County PM10 Conformity                                  |      |
|            | Salt Lake PM <sub>2.5</sub> Conformity                            |      |
|            | Salt Lake and Davis County Ozone Conformity                       |      |
| Ap         | pendix – 1 Definition of Regionally Significant Projects          | 23   |
| Ap         | pendix – 2 Salt Lake and Ogden Areas Highway and Transit Projects | 27   |
|            | pendix – 3 Box Elder County Highway and Transit Projects          |      |
| Ap         | pendix – 4 Tooele County Highway and Transit Projects             |      |

### List of Tables

### Page

| Table 1 Wasatch Front Region Non-attainment Designations                | 4  |
|---|----|
| Table 3 Summary of 2009 HPMS Factors                                    |    |
| Table 4a Percent of Home Based Trips by Time of Day                     |    |
| Table 4b Percent of Other Trips by Time of Day                          |    |
| Table 5 Salt Lake County Modeled Speeds Compared to Observed Speeds     |    |
| Table 6 Inputs to Mobile6.2   | 12 |
| Table 7 Salt Lake City CO Conformity                                    | 14 |
| Table 8 Ogden CO Conformity   | 15 |
| Table 9a Ogden PM10 Conformity – Direct Particulates                    | 16 |
| Table 9b Ogden PM10 Conformity – NOx Precursor                          | 17 |
| Table 10 Salt Lake County PM10 Budgets                                  |    |
| Table 11a Salt Lake County PM10 Conformity – Direct Particulates        |    |
| Table 11b Salt Lake County PM <sub>10</sub> Conformity – Nox Precursors | 19 |
| Table 12a Salt Lake Area PM2.5 Conformity – Nox Precursor               |    |
| Table 12b Salt Lake Area PM2.5 Conformity – Direct Exhaust Particles    |    |
|   |    |

### A. Conformity Requirements

### **Conformity Process**

Since the commencement of the planning requirements in the late 1960s, further requirements (most recently the 2005 Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users and the 1990 Clean Air Act Amendments) have added to the responsibilities and the decision making powers of local governments through the Metropolitan Planning Organization. The Wasatch Front Regional Council (WFRC) is the Metropolitan Planning Organization for the Salt Lake and Ogden / Layton Urbanized Areas. This report summarizes WFRC's conformity analysis of the RTP with the Division of Air Quality's State Implementation Plan (SIP) and the Environmental Protection Agency's interim conformity guidelines. This conformity analysis is subject to public and agency review, and requires the concurrence of the Federal Highway Administration and Federal Transit Administration.

In November, 1993, the Environmental Protection Agency and the Department of Transportation issued rules establishing the procedures to be used to show that transportation Plans and Programs conform to the SIP. The conformity rules establish that federal funds may not be used for transportation projects that add capacity in areas designated as "non-attainment (or maintenance) with respect to the National Ambient Air Quality Standards", until and unless a regional emissions analysis of the Plan and TIP demonstrates that the projects conform to the SIP. This restriction also applies to "regionally significant" transportation project uses local funds exclusively.

Weber, Davis, and Salt Lake Counties, Salt Lake City, and Ogden City are designated as nonattainment (or maintenance) for one or more air pollutants. Specifically, there are four areas in the Wasatch Front region for which the conformity rules apply. These areas are listed in Table 1 below.

| Area  | Designation                  | Pollutant                               |
|---|------------------------------|---|
| Salt Lake City  | Maintenance Area             | Carbon Monoxide (CO)                    |
| Ogden City  | Maintenance Area             | Carbon Monoxide (CO)                    |
|   | Moderate Non-Attainment Area | Particulate Matter (PM <sub>10</sub> )  |
| Salt Lake County  | Moderate Non-Attainment Area | Particulate Matter (PM <sub>10</sub> )  |
| Salt Lake   | Moderate Non-Attainment Area | Particulate Matter (PM <sub>2.5</sub> ) |
| (including Davis, Salt Lake,<br>and portions of Weber, Box<br>Elder, and Tooele Counties) |                              |   |

Table 1Wasatch Front Region Non-attainment Designations

In September 2006 the EPA changed the 24-hour  $PM_{2.5}$  standard from 65 µg/m<sup>3</sup> to 35 µg/m<sup>3</sup>. Under this stricter standard, several areas along the Wasatch Front have experienced violations of the new  $PM_{2.5}$  standard. Effective December 14, 2009, the EPA designated the area including Davis and Salt Lake Counties, and portions of Weber, Box Elder, and Tooele Counties as a  $PM_{2.5}$  non-attainment area. The EPA has also proposed a new standard for ozone but has not made a final determination as to what that standard should be nor has the EPA made non-attainment area designations for the proposed ozone standard.

The CAAA established requirements for conformity. These requirements are outlined in 40 CFR 93.109 and include the following:

- Latest planning assumptions
- Transportation Control Measures (TCM)
- Emissions budget
- Project from a conforming plan and TIP
- $PM_{10}$  control measures

- Latest emissions model
- Consultation
- Currently conforming plan and TIP
- CO and PM<sub>10</sub> "hot spots"

Each of these requirements will be discussed in the following paragraphs.

### **Latest Planning Assumptions**

Current travel models are based on socioeconomic data and forecasts from local building permits, the Utah Division of Workforce Services, and the Governor's Office of Planning and Budget (GOPB). Socioeconomic data are from calendar year 2007. Forecasts of population and employment by traffic analysis zone were developed by WFRC in 2009 and 2010 and are tied to county-level forecasts published by GOPB in January, 2008.

### Latest Emissions Model

The conformity analysis presented in this document is based on EPA mobile source emissions models: MOBILE6.2 for tailpipe emissions and AP-42 section 13.2.1 for paved road dust emissions. The application of these models will be discussed in greater detail in the Emissions Model section of this document. The use of the new MOVES model is not mandated until March 2012.

### **Consultation Process**

Section 105 of 40 CFR Part 93 (Conformity Rule) requires, among other things, interagency consultation in the development of conformity determinations. To satisfy this requirement, the State Division of Air Quality, in cooperation with WFRC, Mountainlands Association of Governments, Utah Department of Transportation, Utah Transit Authority, EPA, FHWA, and FTA, prepared a Conformity SIP document to outline the consultation procedures to be used in air quality and transportation planning. The Conformity SIP has been approved by EPA. WFRC followed the consultation procedures as outlined in the Conformity SIP in the preparation of this conformity analysis. As part of the consultation procedures defined in the Conformity SIP, WFRC presented this report to the Regional Growth Committee and the Transportation Committee for review and comment. Both of these committees include a member of the Utah Air Quality Board as well as representatives of UDOT, UTA, FHWA, and FTA. In addition, management level staff members from the Utah Division of Air Quality are notified of meetings and agendas of the above committees. The Utah Division of Air Quality was also be provided with a copy of this report at the beginning of the public comment period for the RTP.

This Conformity Analysis for the 2040 RTP was made available for public inspection and comment for a 30-day period in accordance with EPA conformity regulations. This analysis was also posted on the WFRC website at the beginning of the comment period. Notification of the comment period

was sent by electronic mail to interested stakeholders. In addition, public comment was taken during various committee meetings of the Wasatch Front Regional Council, as well as public open houses with the express purpose of soliciting public comment on this document.

### **TCM Implementation**

A conformity analysis for the 2040 RTP must certify that nothing in the RTP interferes with the implementation of any Transportation Control Measure (TCM) identified in the applicable State Implementation Plan (SIP). There is one TCM from the original SIP section for the 1-hour ozone standard which has been carried forward to the current ozone maintenance plan, even though the 1-hour ozone standard has been revoked. This TCM, the employer-based trip reduction program, applies to local, state, and federal government employers. The program emphasizes measures to reduce the drive-alone rate such as subsidized bus passes, carpooling, telecommuting, and flexible work schedules. UTA has in place the ECO pass discount for a number of large employers including the University of Utah and Weber State University. Ridesharing, telecommuting, and flexible work schedules are programs currently managed, promoted, or operated by UTA Rideshare and the UDOT Travelwise program. Congestion Mitigation and Air Quality (CMAQ) funds and other transportation funds are used to support these ongoing programs.

### **Emissions Budget**

A comparison of mobile source emission estimates to emission budgets defined in the SIP is outlined in this document in Section D - Conformity Determination.

### **Currently Conforming Plan and TIP**

The existing 2030 RTP for the Wasatch Front Area conforms to State air quality goals and objectives as noted in a letter from FHWA and FTA dated October 8, 2010. The existing TIP for the Wasatch Front Area was also found to conform and this was noted in a September 30, 2010 letter from FHWA and FTA.

### **Projects from a Conforming Plan and TIP**

**TIP Time Frame** - All projects which must be started no later than 2016 in order to achieve the transportation system envisioned by the 2040 RTP are included in the 2011-2016 TIP. The TIP is fiscally constrained, meaning that only those projects with an identified source of funds are included in the TIP. Estimated funding availability is based on current funding levels and reasonable assumptions that these funds will continue to be available.

### **Regionally Significant**

All regionally significant projects, regardless of funding source (federal, state, or local) are included in the RTP. All regionally significant projects are also included in the regional emissions analysis of the RTP. Regionally significant projects are identified as those projects functionally classified as principal arterial or higher order facility, and certain minor arterials as identified through the interagency consultation process (see Appendix 1 for a complete definition of regionally significant projects). The 2009 Utah Department of Transportation Functional Classification map was used to identify principal arterials. Interstate highways, freeways, expressways, principal arterials, certain minor arterials, light rail, and commuter rail are treated as regionally significant projects. Because of their relative impact on air quality, all regionally significant projects regardless of funding source must be included in the regional emissions analysis, and any significant change in the design or scope of a regionally significant project must be reflected in the regional emissions analysis. All regionally significant projects have been included in the regional emissions analysis, and the modeling parameters used for these projects are consistent with the design and scope of these projects as defined in the RTP. In order to improve the quality of the travel model, other minor arterials and collectors, as well as transit service, are also included in the regional travel model (and thus the regional emissions analysis) but these facilities are not considered regionally significant since they do not serve regional transportation needs as defined by EPA. For a list of projects included in this conformity analysis please refer to Appendix 2 for Weber, Davis, and Salt Lake Counties, Appendix 3 for Box Elder County, and Appendix 4 for Tooele County.

### CO, PM<sub>10</sub> and PM<sub>2.5</sub> "Hot Spot" Analysis

In addition to the regional emissions conformity analysis presented in this document, specific projects within carbon monoxide (CO) and particulate matter ( $PM_{10}$  and  $PM_{2.5}$ ) non-attainment areas are required to prepare a "hot spot" analysis of emissions. The "hot spot" analysis serves to verify whether or not localized emissions from a specific project will meet air quality standards. This requirement is addressed during the NEPA phase of project approval before FHWA or FTA can issue final project approval.

Currently, EPA requires only a qualitative analysis of  $PM_{10}$  and  $PM_{2.5}$  hot spot emissions. Project sponsors are required to prepare a qualitative analysis of localized  $PM_{10}$  and  $PM_{2.5}$  impacts for the proposed project as part of their NEPA evaluation. FHWA has issued guidance on qualitative  $PM_{10}$  "hot spot" analysis to be used for the NEPA process. After December 20, 2012 a quantitative analysis of PM hot-spot emissions is required using the MOVES model along with a PM dispersion model.

### PM<sub>10</sub> Control Measures

**Construction-related Fugitive Dust** - Construction related dust is not identified as a contributor to the  $PM_{10}$  non-attainment area, therefore there is no conformity requirement for construction dust. Section 93.122(d) (1) of 40 CFR reads as follows:

"For areas in which the implementation plan does not identify construction-related fugitive PM10 as a contributor to the non-attainment problem, the fugitive PM10 emissions associated with highway and transit project construction are not required to be considered in the regional emissions analysis."

In the Utah  $PM_{10}$  SIP, construction-related  $PM_{10}$  is not included in the inventory, nor is it included in the attainment demonstration or control strategies. Construction-related  $PM_{10}$  emissions are mentioned in qualitative terms in Section IX.A.7 of the SIP as a maintenance measure to preserve attainment of the  $PM_{10}$  standard achieved by application of the control strategies identified in the SIP. Section IX.A.7.d of the SIP requires UDOT and local planning agencies to cooperate and review all proposed construction projects for impacts on the  $PM_{10}$  standard. This SIP requirement is satisfied through the Utah State Air Quality Rules. R307-309-4 requires that sponsors of any construction activity file a dust control plan with the State Division of Air Quality.

### **Other Conformity Requirements**

**Transit Fares -** Transit fares have and will increase in response to increases in operating costs. The Plan assumes that transit fare box revenues will cover a constant percentage of all transit operating cost, so future fare increases are consistent with the Plan. With any price increase some market reaction is expected. While there have been some short term fluctuations in transit patronage in response to fare increases, the implementation of light rail service and other transit improvements has restored and increased transit patronage consistent with the levels anticipated by the RTP.

Plans for expanding light rail service, increased and enhanced bus service, and the extension of commuter rail are moving forward. These transit features are envisioned in the Plan and the steps necessary to achieve these transit goals are moving forward including various voter approved sales tax increases for transit funding.

### **B.** Transportation Modeling

Improvement to the WFRC travel model practice and procedure is an ongoing process. This conformity analysis is based on the latest version (7.0) of the travel model. Version 7.0 of the travel demand model updates the base year of the model from 2005 to 2007. The new model also has added more traffic analysis zones giving the model a finer resolution, and the transit mode choice model has been enhanced. Details of Version 7.0 of the travel model will be documented in a report and posted on the WFRC website at wfrc.org. At the time of this writing the travel model documentation is still in draft form.

### **Planning Process**

Federal funding for transportation improvements in urban areas requires that these improvements be developed through a comprehensive, coordinated, and continuous planning process involving all affected local governments. The planning process is certified annually by the Regional Council and reported to the Federal Highway Administration and Federal Transit Administration. Every four years FHWA and FTA conduct a comprehensive certification review. The certification review of May 2009 found that the WFRC planning process meets federal requirements. Recommendations were made to improve WFRC's planning process and these are being addressed.

The documentation of the planning process includes at a minimum, a twenty-year Regional Transportation Plan updated at least every four years; and a four-year Transportation Improvement Program (capital improvement program) updated and adopted at least every four years. The planning process includes the involvement of local elected officials, state agencies, and the general public.

### **Travel Characteristics**

The WFRC travel model is used to estimate and project highway Vehicle Miles Traveled (VMT) and vehicle speed for Weber, Davis, and Salt Lake Counties. A separate travel model is used to estimate VMT and speed for Tooele County. For VMT and speed estimates in Box Elder County, WFRC relied on forecasts provided by the Utah Department of Transportation. The WFRC travel demand model is based on the latest available socioeconomic data and a mathematical representation of the

transportation network of highways and transit service. The base data for the travel demand model is reviewed regularly for accuracy and updates. The travel model files used for this conformity analysis are available upon request on compact disc.

Shown below in Table 2 is a summary of weekday VMT for the cities and counties in designated non-attainment areas. Totals for VMT are given for various air quality analysis years from 2010 to 2040. Note that the VMT values for Weber, Box Elder, and Tooele Counties are not for the entire county but only that portion of the county designated as non-attainment for a criteria pollutant.

Table 2

| Vehicle Miles Traveled (Average Weekday HPMS Adjusted) |            |            |            |            |
|--|------------|------------|------------|------------|
|  | 2010       | 2020       | 2030       | 2040       |
| Salt Lake City   | 6,428,024  | 7,352,617  | 8,445,654  | 9,166,014  |
| Ogden City   | 1,521,382  | 1,812,375  | 2,051,916  | 2,273,647  |
| Salt Lake County                                       | 26,071,001 | 31,590,719 | 37,941,979 | 44,502,769 |
| Davis County   | 7,964,660  | 9,384,173  | 10,477,655 | 11,487,797 |
| Weber County*  | 4,817,023  | 5,989,116  | 7,121,312  | 8,343,712  |
| <b>Box Elder County*</b>                               | 2,416,428  | 2,970,659  | 3,661,683  | 4,445,941  |
| <b>Tooele County*</b>                                  | 1,673,347  | 2,556,162  | 3,438,978  | 3,968,911  |

*\*non-attainment portion of the county* 

The HPMS adjustment factor is determined as the 2009 VMT reported by UDOT through the HPMS data reporting system is divided by the model VMT for 2009. The resulting 2009 HPMS adjustment factor (see Table 3 below) for each area is then applied by functional class to the travel model VMT for future years resulting in the HPMS adjusted future VMT. Due to the limited detail in the travel demand model for local class road, the HPMS adjustment factor is considerably greater than the factors for arterials and freeways.

| Table 3          |                  |           |        |
|------------------|------------------|-----------|--------|
| Summ             | ary of 2009 HPMS | Factors   |        |
|                  | Freeway/Ramps    | Arterials | Locals |
| Salt Lake City   | 0.921            | 0.853     | 3.041  |
| Ogden City       | 0.846            | 0.976     | 3.592  |
| Salt Lake County | 0.902            | 0.880     | 2.840  |
| Davis County     | 0.932            | 0.933     | 3.533  |
| Weber County     | 0.988            | 1.028     | 2.380  |
| Box Elder County | 0.843            | 1.053     | 7.754  |
| Tooele County    | 0.796            | 0.773     | 2.487  |

Note: The non-attainment area includes the more populous areas of Tooele and Box Elder Counties.

### **Peak and Off-Peak Speeds**

The modeled VMT and speed for each time period (AM, midday, PM, and evening) defined in the travel demand model depend on the number of vehicle trips assigned for that time period. The percentage of trips by purpose varies for each time period. The percentages in Table 4a and Table

4b below are based on data from the 1993 Home Interview Survey and 2008 observed traffic count information. Trip purposes "commercial" (COM) and "through" (THRU) were not sampled in the Home Interview Survey. These two trip types are allocated to the four time periods according to the percentages for NHB and IXXI trips respectively (with some rounding as necessary for the COM trips).

| Percent of Home Based Trips by Time of Day |              |            |              |            |              |            |              |            |
|--|--------------|------------|--------------|------------|--------------|------------|--------------|------------|
| AM Mid-day                                 |              |            |              | PM         |              | Evening    |              |            |
| Purpose                                    | From<br>Home | To<br>Home | From<br>Home | To<br>Home | From<br>Home | To<br>Home | From<br>Home | To<br>Home |
| HBW  | 35%          | 2%         | 7%           | 8%         | 2%           | 25%        | 6%           | 15%        |
| HBO  | 11%          | 1%         | 16%          | 15%        | 11%          | 15%        | 12%          | 18%        |

 Table 4a

 Percent of Home Based Trips by Time of Day

Table 4bPercent of Other Trips by Time of Day

| referred of other rips by time of Day |     |         |     |         |
|---------------------------------------|-----|---------|-----|---------|
| Purpose                               | AM  | Mid-day | PM  | Evening |
| NHB                                   | 7%  | 51%     | 26% | 16%     |
| IXXI                                  | 20% | 29%     | 26% | 25%     |
| COM                                   | 6%  | 53%     | 26% | 15%     |
| THRU                                  | 20% | 29%     | 26% | 25%     |

Trip Purpose abbreviations:

HBO - Home Based Other HBW - Home Based Work IXXI - Internal/External, External/Internal NHB - Non-Home Based COM - Commercial THRU - Through

### **Comparison of Modeled Speeds with Observed Data**

WFRC continues to adjust modeled speeds to improve consistency with samples of observed speeds. A review of Salt Lake County modeled speed and observed speed is summarized in Table 5. Modeled speeds in Table 5 are within -4.5% to 7.4% of observed speeds.

|                            | Arterial |      | Arterial Freewa |      | eway |
|----------------------------|----------|------|-----------------|------|------|
|                            | AM       | PM   | AM              | PM   |      |
| Functional Class           | Peak     | Peak | Peak            | Peak |      |
| 2007 Modeled Speeds (mph)  | 31       | 29   | 64              | 64   |      |
| 2008 Observed Speeds (mph) | 31       | 27   | 67              | 67   |      |

 Table 5

 Salt Lake County Modeled Speeds Compared to Observed Speeds

### C. Emission Modeling

### **I/M Programs**

Assumptions for the input files for EPA's MOBILE6.2 vehicle emissions model include I/M programs in Salt Lake, Davis, and Weber Counties. Box Elder and Tooele Counties do not presently have I/M programs. Emission rates for re-entrained dust from paved roads are estimated using methods described in the January 2011 edition of Chapter 13 of EPA's Compilation of Air Pollution Emission Factors, AP-42 document.

### VMT Mix

The VMT mix describes how much a particular vehicle type is used in the transportation network. The national default VMT mix contained in MOBILE6.2 was used to disaggregate local vehicle type data. The local vehicle type data is collected by UDOT as part of the federal HPMS data collection system and is based on automated counters which classify vehicles based on axle spacing. The UDOT classification is used to calculate control percentages for light duty (LD) vehicles and heavy duty (HD) vehicles for each facility type. The EPA default VMT mix is then applied to disaggregate the two UDOT control percentages into detailed percentages for the sixteen vehicle classes used in MOBILE6.2

### Vehicle Weights

Facility specific VMT mix data described above was also used to estimate the average vehicle weight on each facility type. Since vehicle weight affects the rate of fugitive dust emissions estimated using the AP-42 method, vehicle weight variations on different facilities will affect the amount of fugitive dust created. The VMT mix for each facility type was used to estimate an average vehicle weight for each facility with the following results:

| <u>Facility</u>  | Average Vehicle Weight (pounds) |
|------------------|---------------------------------|
| Urban - Freeway  | 6,500                           |
| Urban - Arterial | 6,100                           |
| Urban - Local    | 3,900                           |

### Post Model Adjustments

For conformity analyses prior to 2000, the WFRC applied post model adjustments to vehicle emission estimates. Emission credits for work trips were modeled for reductions in single occupant vehicle rates based primarily on increased investments in transit service and rideshare programs, and the projected increase in telecommuting. Other less significant post model adjustments were also estimated for incident management, pavement re-striping, and signal coordination. Other emission reducing programs and projects supported by CMAQ funds such as park and ride lots, bicycle facilities, transit vehicles, intelligent transportation systems (ITS), and intersection improvements have also been implemented.

WFRC believes that these programs have a positive effect in reducing vehicle emissions. In practice, however, WFRC has found that documenting the air quality benefits of these programs can be elusive. WFRC will continue to support these emission reduction programs, but credits from these programs have not been included in this conformity analysis.

### **MOBILE6** Inputs

Through the interagency consultation process the required MOBILE6 inputs reflecting local conditions have been established. These inputs are summarized in Table 6 below.

|    |   | Non-Seasonal Values  |                          |  |  |  |
|----|---|--|--------------------------|--|--|--|
| 1  | VMT Fractions (fleet mix)                 | Facility specific and year specific fleet mix profiles (or VMT mix) are found in the Mobile6 command file. See <u>2011_PMf.in</u> for details. |                          |  |  |  |
| 2  | VMT hour profile                          | These profiles are created for each area and each analysis year from data  |                          |  |  |  |
|    | VMT speed profile<br>VMT facility profile | in the travel model. These files are available upon request.   |                          |  |  |  |
| 3  | Anti-Tamp Program                         | 84 68 50 22222 2222  | 22222 2 11 096. 22212222 |  |  |  |
| 4  | No Refueling                              | ]  | TRUE                     |  |  |  |
| 5  | I/M Credits                               | Te   | ech12.d                  |  |  |  |
| 6  | Fuel Program                              |  | 3                        |  |  |  |
| 7  | Altitude                                  |  | 2                        |  |  |  |
|    |   | Winter Values  | Summer Values            |  |  |  |
| 8  | Min Temp                                  | 23.0   | 63.0                     |  |  |  |
| 9  | Max Temp                                  | 45.0   | 98.0                     |  |  |  |
| 10 | Fuel RVP (volatility)                     | 12.1   | 7.8                      |  |  |  |
| 11 | Absolute Humidity                         | 20.0   | 73.6                     |  |  |  |
| 12 | Oxygenated Fuels                          | None   | None                     |  |  |  |
| 13 | Diesel Sulfur                             | Use 15 ppm for year 2007 and   | d thereafter             |  |  |  |
| 14 | Vehicle age distribution                  | WEage07.d for Weber County   |                          |  |  |  |
|    |   | SLage07.d for Salt Lake County   |                          |  |  |  |
|    |   | DAage07.d for Davis County   |                          |  |  |  |
|    |   | BEage07.d for Box Elder Cour   |                          |  |  |  |
|    |   | TOage07.d for Tooele County  |                          |  |  |  |
| 15 | I/M Programs                              | Weber County years 2003-2050: WE03_50.txt  |                          |  |  |  |
|    |   | Davis County years 2003-205  |                          |  |  |  |
|    |   | Salt Lake County years 2003-2050: SL03_50.txt<br>Box Elder County all years: no I/M program  |                          |  |  |  |
|    |   | Tooele County all years: no I/   | 1 0                      |  |  |  |
|    |   | 100ere County all years. no 1/   | ivi piogram              |  |  |  |

## Table 6 Inputs to Mobile6.2 (for an explanation of these program codes refer to the Mobile6 User Guide)

### **Road Dust Estimates**

In January 2011, the EPA released new guidance for estimating dust emissions from paved roads. These guidelines are published in Chapter 13.2.1 of the AP-42 document. The new formula is

$$E = k \, (sL)^{0.91} \, \mathsf{x} \, (W)^{1.02}$$

where:

E = particulate emission factor (grams/mile),

k = particle size multiplier for particle size range and units of interest,

sL = road surface silt loading (grams per square meter -  $g/m^2$ ), and

W = average weight (tons) of the vehicles traveling the road.

For  $PM_{10}$ , k=1.0 and for  $PM_{2.5}$  k=0.25. Based on vehicle type counts on road in the WFRC regions, average vehicle weights for local roads, arterials, and freeways are 1.95, 3.05, and 3.25 tons respectively. The silt load (sL) factor varies by highway functional class and by traffic volume. The default silt load factors found in Table 13.2.1-2 of the AP-42 document are summarized below.

| Traffic Volume | <b>Functional Class</b> | Silt Load (grams/meter <sup>2</sup> ) |
|----------------|-------------------------|---------------------------------------|
| 500-5,000      | local roads             | 0.200                                 |
| 5,000-10,000   | arterial roads          | 0.060                                 |
| limited access | freeways                | 0.015                                 |

A precipitation reduction factor is also applied to the above equation using the following expression:

(1 - P/4N)

Where:

P = number of "wet" days with at least 0.254 mm (0.01 in) of precipitation during the averaging period, and

N = number of days in the averaging period (e.g., 365 for annual, 91 for seasonal, 30 for monthly).

The AP-42 guidance recommends a value of 90 precipitation days per year for the Wasatch Front region. Using these values, the precipitation reduction factor yields a value of 0.9384. Combined with the basic road dust emission rate, the net  $PM_{10}$  road dust factors by highway functional class are as follows:

| <b>Functional Class</b> | PM <sub>10</sub> Road Dust Rate (grams/mile) |
|-------------------------|--|
| local roads             | 0.429  |
| arterials               | 0.226  |
| freeways                | 0.068  |

### **D.** Conformity Determination

The following conformity findings for the 2040 Regional Transportation Plan for the Wasatch Front are based on the transportation systems and planning assumptions described in this report and the EPA approved vehicle emissions model (Mobile6.2).

### Salt Lake City CO Conformity

The carbon monoxide maintenance plan for Salt Lake City was approved by EPA effective September 30, 2005 as recorded in the Federal Register (Vol. 70, No. 146, August 1, 2005). The maintenance plan defines a motor vehicle emission budget for the years 2005 and 2019 of 278.62 tons/day. Table 7 below demonstrates that projected mobile source emissions are within the emission budget defined in the maintenance plan for the 2019 budget year. The other years listed in Table 7 are in accordance with requirements of the Conformity Rule (40 CFR Part 93) as noted in the table.

From this demonstration it is concluded that the RTP conforms to the applicable controls and goals of the State Implementation Plan (Maintenance Plan) for Carbon Monoxide in Salt Lake City.

## Table 7Salt Lake City COConformity Determination

|                                      | b         | а         | b         | b         | С         |
|--------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Year                                 | 2012      | 2019      | 2020      | 2030      | 2040      |
| Budget <sup>#</sup> (tons/day)       | 278.62    | 278.62    | 278.62    | 278.62    | 278.62    |
| emission rate (grams/mile)           | 14.21     | 11.33     | 11.09     | 10.42     | 10.38     |
| seasonal VMT                         | 6,463,653 | 7,104,482 | 7,212,917 | 8,285,186 | 8,991,860 |
| Projection* (tons/day)               | 101.27    | 88.71     | 88.23     | 95.17     | 102.86    |
| Conformity<br>(Projection < Budget?) | Pass      | Pass      | Pass      | Pass      | Pass      |

a-budget year, b - 10-year rule, c - last year of Plan, d - no budget 5-year rule

<sup>#</sup> Federal Register Vol. 70 No. 146, August 1, 2005, Table V-2.

\* Projection = Emission Rate x seasonal VMT, then divide by 453.5 to convert to pounds, then divide by 2,000 to convert to tons.

### Ogden CO Conformity

The carbon monoxide maintenance plan for Ogden City was approved by EPA effective November 14, 2005 as recorded in the Federal Register (Vol. 70, No. 177, September 14, 2005). The maintenance plan defines a motor vehicle emission budget for the years 2005 and 2021 of 75.36 and 73.02 tons/day respectively. Table 8 below demonstrates that projected mobile source emissions are within the emission budget defined in the maintenance plan for the 2021 budget year. The other years listed in Table 8 are in accordance with requirements of the Conformity Rule (40 CFR Part 93) as noted in the table.

From this demonstration it is concluded that the RTP conforms to the applicable controls and goals of the State Implementation Plan (Maintenance Plan) for Carbon Monoxide in Ogden City.

### Table 8

|                            | b         | а         | b         | b         | С         |
|----------------------------|-----------|-----------|-----------|-----------|-----------|
| Year                       | 2012      | 2020      | 2021      | 2030      | 2040      |
| Budget (tons/day)          | 75.36     | 75.36     | 73.02     | 73.02     | 73.02     |
| emission rate (grams/mile) | 16.50     | 12.84     | 12.69     | 11.91     | 11.87     |
| seasonal VMT               | 1,533,214 | 1,753,362 | 1,776,555 | 1,985,290 | 2,205,048 |
| Projection* (tons/day)     | 27.89     | 24.83     | 24.85     | 26.06     | 28.86     |
| Conformity                 |           |           |           |           |           |
| (Projection < Budget?)     | Pass      | Pass      | Pass      | Pass      | Pass      |

### Ogden City CO Conformity Determination

a-budget year, b - 10-year rule, c - last year of Plan, d - no budget 5-year rule

<sup>#</sup> Federal Register Vol. 70 No. 177, September 14, 2005, Table V-2.

\* Projection = Emission Rate x seasonal VMT, then divide by 453.5 to convert to pounds, then divide by 2,000 to convert to tons.

### **Ogden PM10 Conformity**

Ogden City was designated a  $PM_{10}$  non-attainment area in August of 1995 based on  $PM_{10}$  violations in 1993 or earlier. Since a  $PM_{10}$  SIP for Ogden has not yet been approved by EPA, it must be demonstrated that Ogden  $PM_{10}$  emissions are either less than 1990 emissions or less than "no-build" emissions. The analysis years 2012, 2015, 2025, and 2030 were selected in accordance with the requirements of 40 CFR Section 93.119(e).

 $PM_{10}$  emissions are present in two varieties referred to as primary and secondary  $PM_{10}$ . Primary  $PM_{10}$  consists mostly of fugitive road dust but also includes particles from brake wear and tire wear and some "soot" particles emitted directly from the vehicle tailpipe. The methods defined in the January 2011 version of the EPA publication known as "AP-42" were used to estimate dust from paved roads. Secondary  $PM_{10}$  consists of gaseous tailpipe emissions that take on a particulate form through subsequent chemical reactions in the atmosphere. Nitrogen oxides are the main component of secondary  $PM_{10}$  emissions with sulfur oxides a distant second.

As summarized in Tables 9a and 9b, emission estimates for the 2040 RTP satisfy the "Build < 1990" test for secondary  $PM_{10}$  (NOx precursors) and primary  $PM_{10}$  (direct tailpipe particulates and road dust) in Ogden City. The 1990 emission estimates used in the 2003 conformity analysis are used again for this conformity analysis, specifically 4.57 tons/day for the NOx precursor budget, and 2.28 tons/day for the direct PM10 budget. The 1990 primary  $PM_{10}$  estimate for Ogden City includes emissions from the unpaved access road to the Ogden landfill which was closed in 1998.

For projections of primary  $PM_{10}$  emissions, no credit was taken for a number of programs adopted since Ogden City last violated the  $PM_{10}$  standard. These particulate reducing programs include covered load ordinances, increased frequency of street sweeping, and reduced application of deicing and skid resistant materials (salt and sand). Documentation of these programs has been provided by Ogden City but the actual benefits of these programs are not included in the emission projections

below. Other areas that have estimated the benefit of these programs have found a silt load reduction of over 30% for effective street sweeping programs and a 5% silt load reduction when limiting the amount of sand and salt applied to the roads. Ogden City has also implemented a number of specific projects that have a positive effect in reducing particulate emissions including park and ride lots, storm water improvements, shoulder widening and edge striping, and addition of curb and gutter on several projects.

From this demonstration it is concluded that the RTP conforms under the Emission Reductions Criteria for areas without motor vehicle emissions budgets for  $PM_{10}$  in Ogden City.

# Table 9aOgden City PM10 - NOx PrecursorConformity Determination

|  | d         | b         | b         | С         |
|--|-----------|-----------|-----------|-----------|
| Year   | 2015      | 2020      | 2030      | 2040      |
| 1990 Emissions (tons/day)                    | 4.57      | 4.57      | 4.57      | 4.57      |
| emission rate (grams/mile)                   | 0.89      | 0.58      | 0.38      | 0.36      |
| seasonal VMT                                 | 1,625,601 | 1,753,362 | 1,985,290 | 2,205,048 |
| Projection* (tons/day)                       | 1.60      | 1.11      | 0.83      | 0.88      |
| Conformity<br>(Projection < 1990 Emissions?) | Pass      | Pass      | Pass      | Pass      |

a-budget year, b - 10-year rule, c - last year of Plan, d - no budget 5-year rule

|  | d         | b         | b         | С         |
|--|-----------|-----------|-----------|-----------|
| Year                                     | 2015      | 2020      | 2030      | 2040      |
| 1990 Emissions (tons/day)                | 2.28      | 2.28      | 2.28      | 2.28      |
| tailpipe particulate rates (grams/mile)  |           |           |           |           |
| Gpm (gasoline particulates)              | 0.0041    | 0.0039    | 0.0037    | 0.0037    |
| Ec (diesel elemental carbon)             | 0.0027    | 0.0012    | 0.0006    | 0.0005    |
| Oc (diesel organic carbon)               | 0.0014    | 0.0006    | 0.0003    | 0.0003    |
| Pbr (brake particulates)                 | 0.0125    | 0.0125    | 0.0125    | 0.0125    |
| Pti (tire wear particulates)             | 0.0091    | 0.0091    | 0.0091    | 0.0091    |
| road dust particulate rates (grams/mile) | )         |           |           |           |
| Freeway road dust                        | 0.0683    | 0.0683    | 0.0683    | 0.0683    |
| Ramp Road dust                           | 0.0683    | 0.0683    | 0.0683    | 0.0683    |
| Arterial road dust                       | 0.2262    | 0.2262    | 0.2262    | 0.2262    |
| Local road dust                          | 0.4287    | 0.4287    | 0.4287    | 0.4287    |
| net emission rate:                       |           |           |           |           |
| (average all road & vehicle types)       | 0.28      | 0.28      | 0.27      | 0.27      |
| seasonal VMT                             | 1,625,601 | 1,753,362 | 1,985,290 | 2,205,048 |
| Tailpipe Particulates (tons/day)         | 0.05      | 0.05      | 0.06      | 0.06      |
| Road Dust Particulates                   | 0.45      | 0.48      | 0.54      | 0.60      |
| Projection* (tons/day)                   | 0.51      | 0.54      | 0.60      | 0.66      |
| Conformity                               |           |           |           |           |
| (Projection < 1990 Emissions?)           | Pass      | Pass      | Pass      | Pass      |

### Table 9b **Ogden City PM10 - Primary Particulates\*\* Conformity Determination**

\*\* Includes road dust, elemental carbon, organic carbon, gasoline exhaust particulates, tire wear, and brake wear.

a-budget year, b - 10-year rule, c - last year of Plan, d - no budget 5-year rule

\* Projection = Emission Rate x seasonal VMT, then divide by 453.5 to convert to pounds, then divide by 2,000 to convert to tons.

### Salt Lake County PM10 Conformity

The  $PM_{10}$  SIP for Salt Lake County does not define a budget beyond the year 2003. Therefore, conformity tests are required only for analysis years which are identified in accordance with 40 CFR 93.118. All analysis years after 2003 must meet the 2003 budgets for primary particulates and secondary particulates (see the discussion above under Ogden PM<sub>10</sub> Conformity for an explanation of primary and secondary  $PM_{10}$  emissions). The State air quality rule R307-310 allows a portion of the surplus primary  $PM_{10}$  budget to be applied to the secondary  $PM_{10}$  budget for conformity purposes. As shown below in Table 10, no budget adjustments were necessary for analysis years 2015, 2020, 2030, or 2040.

|                                     | (tons/day) |       |       |       |  |
|-------------------------------------|------------|-------|-------|-------|--|
| Year                                | 2015       | 2020  | 2030  | 2040  |  |
| Total PM10 Budget <sup>#</sup>      | 72.60      | 72.60 | 72.60 | 72.60 |  |
| Direct PM10 Budget                  | 40.30      | 40.30 | 40.30 | 40.30 |  |
| NOx Precursor PM10 Budget           | 32.30      | 32.30 | 32.30 | 32.30 |  |
| Direct PM10 Budget to be Traded     | 0.00       | 0.00  | 0.00  | 0.00  |  |
| Resulting Direct PM10 Budget        | 40.30      | 40.30 | 40.30 | 40.30 |  |
| Resulting NOx Precursor PM10 Budget | 32.30      | 32.30 | 32.30 | 32.30 |  |

### Table 10 Salt Lake County PM10 Budgets Direct (Dust) and Precursor (NOx) PM10 Emissions

Table 11a and Table 11b below demonstrate that projected mobile source emissions are within the emission budget defined in the SIP. The years listed in Table 10a and Table 10b are in accordance with requirements of the Conformity Rule (40 CFR Part 93) as noted in the tables.

From this demonstration it is concluded that the RTP conforms to the applicable controls and goals of the State Implementation Plan for  $PM_{10}$  in Salt Lake County.

## Table 11aSalt Lake County PM10 - NOx PrecursorConformity Determination

|                                | b          | b          | b          | С          |
|--------------------------------|------------|------------|------------|------------|
| Year                           | 2015       | 2020       | 2030       | 2040       |
| Budget <sup>#</sup> (tons/day) | 32.30      | 32.30      | 32.30      | 32.30      |
| emission rate (grams/mile)     | 0.68       | 0.39       | 0.24       | 0.23       |
| seasonal VMT                   | 28,309,100 | 30,990,495 | 37,221,081 | 43,598,929 |
| Projection* (tons/day)         | 21.07      | 13.46      | 10.01      | 11.25      |
| Conformity                     |            | _          | -          |            |
| (Projection < Budget?)         | Pass       | Pass       | Pass       | Pass       |

a-budget year, b - 10-year rule, c - last year of Plan, d - no budget 5-year rule

<sup>#</sup> WFRC Memo to Jeff Houk of EPA, April 15, 1994.

|   | b          | b          | b          | С          |
|---|------------|------------|------------|------------|
| Year                                    | 2015       | 2020       | 2030       | 2040       |
| Budget <sup>#</sup> (tons/day)          | 40.30      | 40.30      | 40.30      | 40.30      |
| tailpipe particulate rates (grams/mile) |            |            |            |            |
| Gpm (gasoline particulates)             | 0.0039     | 0.0038     | 0.0037     | 0.0037     |
| Ec (diesel elemental carbon)            | 0.0039     | 0.0038     | 0.0037     | 0.0037     |
| Oc (diesel organic carbon)              | 0.0039     | 0.0038     | 0.0037     | 0.0037     |
| Pbr (brake particulates)                | 0.0039     | 0.0038     | 0.0037     | 0.0037     |
| Pti (tire wear particulates)            | 0.0039     | 0.0038     | 0.0037     | 0.0037     |
| road dust particulate rates (grams/mil  | <i>e</i> ) |            |            |            |
| Freeway road dust                       | 0.0683     | 0.0683     | 0.0683     | 0.0683     |
| Ramp Road dust                          | 0.0683     | 0.0683     | 0.0683     | 0.0683     |
| Arterial road dust                      | 0.2262     | 0.2262     | 0.2262     | 0.2262     |
| Local road dust                         | 0.4287     | 0.4287     | 0.4287     | 0.4287     |
| net emission rate:                      |            |            |            |            |
| (average all road & vehicle types)      | 0.24       | 0.23       | 0.23       | 0.22       |
| seasonal VMT                            | 28,309,100 | 30,990,495 | 37,221,081 | 43,598,929 |
| Tailpipe Particulates (tons/day)        | 0.90       | 0.91       | 1.09       | 1.28       |
| Road Dust Particulates                  | 6.49       | 7.11       | 8.36       | 9.25       |
| Projection* (tons/day)                  | 7.39       | 8.02       | 9.45       | 10.53      |
| Conformity                              |            |            |            |            |
| (Projection < Budget?)                  | Pass       | Pass       | Pass       | Pass       |

# Table 11bSalt Lake County PM10 - Primary Particulates\*\*Conformity Determination

\*\* Includes road dust, elemental carbon, organic carbon, gasoline exhaust particulates, tire wear, and brake wear.

<sup>#</sup> WFRC Memo to Jeff Houk of EPA, April 15, 1994.

a-budget year, b - 10-year rule, c - last year of Plan, d - no budget 5-year rule

### Salt Lake PM<sub>2.5</sub> Conformity

### (Includes Davis, Salt Lake, and portions of Weber, Tooele, and Box Elder Counties)

Davis, Salt Lake, and portions of Weber, Tooele, and Box Elder Counties have been designated as non-attainment areas under the new PM<sub>2.5</sub> standard ( $35 \ \mu g/m^3$ ) that was established in 2006. Work has begun on a PM<sub>2.5</sub> section of the State Implementation Plan which will establish a motor vehicle emission budget for emissions associated with PM<sub>2.5</sub>. Until the PM<sub>2.5</sub> SIP is completed and approved by EPA, PM<sub>2.5</sub> interim conformity requirements apply. EPA interim conformity for PM<sub>2.5</sub> emissions requires that future NOx emissions (a precursor to PM<sub>2.5</sub>) and primary particulate emissions not exceed 2008 levels.

Table 12a below demonstrates that projected mobile source emissions of NOx (a precursor to  $PM_{2.5}$  emissions) in the five-county  $PM_{2.5}$  non-attainment area are less than 2008 NOx emissions. Table 12b below demonstrates that direct particle emissions of  $PM_{2.5}$  in the five-county  $PM_{2.5}$  non-attainment area are also less than 2008 direct particle emissions. Direct particle emissions include exhaust emissions of gasoline particulates, elemental carbon, organic carbon, and sulfates (SO4); and mechanical emissions from brake wear and tire wear.

From this demonstration it is concluded that the RTP conforms under the interim conformity guidelines for  $PM_{2.5}$  areas without an approved motor vehicle emissions budget for the Salt Lake  $PM_{2.5}$  non-attainment area.

# Table 12aSalt Lake PM2.5 Area# - NOx PrecursorConformity Determination

|                            | b          | b          | b          | С          |
|----------------------------|------------|------------|------------|------------|
| Year                       | 2015       | 2020       | 2030       | 2040       |
| 2008 Emissions (tons/day)  | 77.22      | 77.22      | 77.22      | 77.22      |
| emission rate (grams/mile) | 0.83       | 0.51       | 0.32       | 0.30       |
| seasonal VMT               | 46,660,247 | 51,308,667 | 61,239,777 | 71,237,164 |
| Projection* (tons/day)     | 42.93      | 28.79      | 21.57      | 23.88      |
| Conformity                 |            |            |            |            |
| (Projection < Budget?)     | Pass       | Pass       | Pass       | Pass       |

# Salt Lake PM2.5 Non-Attainment Area includes: Davis, Salt Lake, and portions of Weber, Box Elder and Tooele Counties.

a-budget year, b - 10-year rule, c - last year of Plan, d - no budget 5-year rule

|                            | b          | b          | b          | С          |
|----------------------------|------------|------------|------------|------------|
| Year                       | 2015       | 2020       | 2030       | 2040       |
| 2008 Emissions (tons/day)  | 1.16       | 1.16       | 1.16       | 1.16       |
| emission rate (grams/mile) | 0.0157     | 0.0134     | 0.0125     | 0.0123     |
| seasonal VMT               | 46,660,247 | 51,308,667 | 61,239,777 | 71,237,164 |
| Projection* (tons/day)     | 0.81       | 0.76       | 0.84       | 0.97       |
| Conformity                 |            |            |            |            |
| (Projection < Budget?)     | Pass       | Pass       | Pass       | Pass       |

# Table 12b Salt Lake PM<sub>2.5</sub> Area<sup>#</sup> - Direct PM Emissions\*\* Conformity Determination

# Salt Lake PM2.5 Non-Attainment Area includes: Weber, Davis, Salt Lake, and portions of Box Elder and Tooele Counties.

a-budget year, b - 10-year rule, c - last year of Plan, d - no budget 5-year rule

\* Projection = Emission Rate x seasonal VMT, then divide by 453.5 to convert to pounds, then divide by 2,000 to convert to tons.

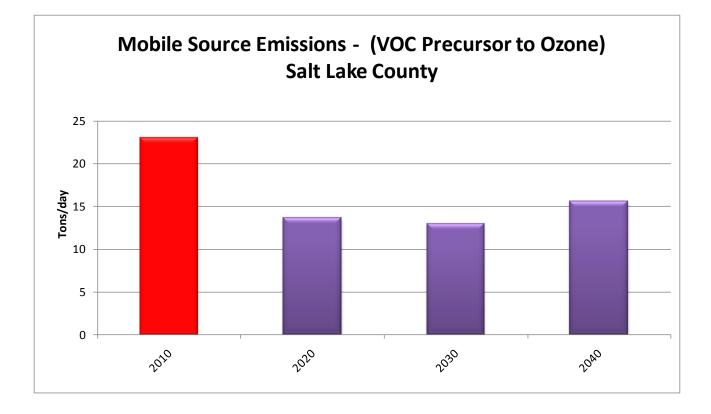
\*\* Direct PM includes gasoline particulates, elemental carbon, organic carbon, SO4, brake wear, and tire wear.

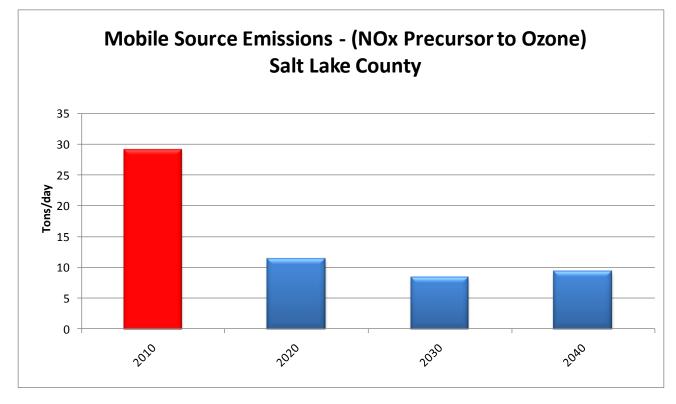
### Salt Lake and Davis County Ozone Conformity

The 1-hour ozone standard was revoked on June 19, 2005. Therefore, a conformity analysis under the 1-hour ozone standard in Salt Lake and Davis Counties is no longer required.

The current 8-hour ozone standard is 75 ppb. EPA is considering a more aggressive ozone standard in the range of 60-70 ppb, but a final decision is not expected before July of 2011. While the new standard remains undetermined, EPA has not made official non-attainment designations for ozone. It is anticipated that most if not all areas along the Wasatch Front will be designated as non-attainment once the new ozone standard is implemented.

When the new ozone standard is established, the EPA will consider non-attainment area recommendations from the State before making final designations. Once final designations are made, the State of Utah will then need to prepare a new section of the State Implementation Plan (SIP) for ozone emissions including a motor vehicle emission budget for ozone precursor emissions of NOx and VOC (volatile organic compounds). For the interim period between non-attainment designation and an approved motor vehicle emissions budget in the SIP, conformity for ozone precursor emissions is based on future "build scenario" vehicle emissions being less than base year vehicle emissions (likely 2010), and future "build scenario" emissions being less than future "no-build scenario" vehicle emissions. At the time of this memorandum, ozone designations have not been made so there is no requirement for a conformity determination for ozone related emissions. For discussion purposes, the charts below demonstrate that future vehicle emissions of NOx and VOC in Salt Lake County are expected to be less than 2010 vehicle emissions.





\*Source: Mobile6.2 vehicle emission rates and projected vehicle miles of travel based on the Wasatch Front 2040 RTP.

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## **Appendix** – 1 Definition of Regionally Significant Projects

### Process for Determining Regionally Significant Facilities for Purposes of Regional Emissions Analysis (see CFR 93.105.2.c.1.ii)

<u>Background</u>: 40 FR 93.101 defines "regionally significant project" and associated facilities for the purpose of transportation conformity. The federal definition does not specifically include minor arterials. The following definitions and processes will be used by the Wasatch Front Regional Council (WFRC) and Mountainlands Association of Governments (MAG) in consultation with DAQ, UDOT, UTA, FHWA, FTA, and EPA to determine which facilities shall be considered regionally significant for purposes of regional emissions analysis. It is the practice of the MPO to include minor arterials and collectors in the travel model for the purpose of accurately modeling regional VMT and associated vehicle emissions. The inclusion of minor arterials and collectors in the travel model for the purpose of accurately modeling regional VMT and associated vehicle emissions. The inclusion of minor arterials and collectors in the travel model for the purpose of accurately modeling regional VMT and associated vehicle emissions. The inclusion of minor arterials and collectors in the travel model for the purpose of accurately modeling regional VMT and associated vehicle emissions.

- 1. Any new or existing facility with a functional classification of principal arterial or higher on the latest UDOT Functional Classification Map (currently found at <u>http://www.dot.utah.gov/index.php/m=c/tid=1228</u>) shall be considered regionally significant.
- 2. Any fixed guide-way transit service including light rail, commuter rail, or portions of bus rapid transit that involve exclusive right-of-way shall be considered regionally significant.
- 3. As traffic conditions change in the future, the MPO's in consultation with DAQ, UDOT, FHWA, and EPA (and UTA and FTA in cases involving transit facilities) will consider 1) the relative importance of minor arterials serving major activity centers, and 2) the absence of principal arterials in the vicinity to determine if any minor arterials in addition to those listed in Exhibit A should be considered as regionally significant for purposes of regional emissions analysis.

### Exhibit A Minor Arterials Determined to be Regionally Significant for Purposes of Regional Emissions Analysis

In consultation with DAQ, UDOT, FHWA, and EPA; and based on inspection and engineering judgment of current traffic conditions; and based on application of the "Process for Determining Regionally Significant Facilities for Purposes of Regional Emissions Analysis" agreed upon by the aforementioned agencies; the WFRC and MAG designate the following minor arterials as regionally significant.

### Salt Lake County

300 West/Beck Street: 600 South to I-15 U-111: SR-201 to New Bingham Highway New Bingham Highway: U-111 to 9000 South

### **Davis County**

Syracuse Road: I-15 west to Antelope Island SR-108 (2000 West): Syracuse Road to Weber County line

### Weber County

SR-108 (3500 West): Davis County line to Midland Drive SR-108 (Midland Drive): 3500 West to Hinckley Drive SR-79 (Hinckley Drive): SR-108 to I-15

### Utah County

Redwood Road: Salt Lake County line to Highway-73

### Process for Determining Significant Change in Design Concept and Scope for Purposes of Regional Emissions Analysis (see CFR 93.105.2.c.1.ii)

Changes to regionally significant projects may or may not necessitate a new regional emissions analysis. The following definitions and processes will be used to determine what changes to project concept and scope are to be considered significant or not for purposes of regional emissions analysis.

- 1. Adding or extending freeway auxiliary lanes or weaving lanes between interchanges is not considered a significant change in concept and scope since these lanes are not normally included in the travel model.
- 2. Adding or extending freeway auxiliary/weaving lanes from one interchange to a point beyond the next interchange is considered a significant change in concept and scope.
- 3. A change to a regionally significant project defined in the Regional Transportation Plan that does not change how the project is defined in the travel model is not considered a significant change in concept and scope. These changes include but are not limited to lane or shoulder widening, cross section (other than the number of through lanes), alignment, interchange configuration, intersection traffic control, turn lanes, continuous or center turn lanes, and storage lanes.
- 4. A change to a regionally significant project defined in the Regional Transportation Plan that does alter the number of through lanes, lane capacity, or speed classification as defined in the travel model is considered a significant change in concept and scope.
- 5. Advancing or delaying the planned implementation of a regionally significant project that does not result in a change in the transportation network described in the travel model for any horizon year (as defined in CFR 93.101) is not considered a significant change in concept and scope.
- 6. Advancing or delaying the planned implementation of a regionally significant project that does result in a change in the transportation network described in the travel model for any horizon year (as defined in CFR 93.101) is considered a significant change in concept and scope.
- 7. Project changes not addressed in the above statements will be decided on a case by case basis through consultation by representatives from DAQ, WFRC, MAG, UDOT, UTA, FHWA, FTA, and EPA.

## Appendix-2

## Highway and Transit Projects 2040 RTP

Salt Lake and Ogden Areas

### 2040 RTP HIGHWAY PROJECTS LIST

| ID#    | PROJECT   | DESCRI  | PHASE   |   |
|--------|---|---|---|---|
| Salt L | ake County, East-West Facilities                                      |   |   |   |
| S-1    | Sports Complex Boulevard (2400 North)                                 | New Construction: 0 to 2 lanes                                      | COL / 0.5 miles / Local                                   | 1 |
| S-2    | I-215 East Frontage Road to Redwood Road 700 South / 500 South        | ROW: 2007 - 0 ft / 2040 - 66 ft<br>Widening: 2 to 4 lanes           | Bike Class: None<br>COL / 3.6 miles / Local               | 3 |
|        | 5600 West to 2700 West<br>California Avenue                           | ROW: 2007 - 50 ft / 2040 - 99 ft<br>Widening: 2 to 4 lanes          | Bike Class: 2<br>MA / 1 miles / Local                     |   |
| S-3    | Mountain View Corridor to 4800 West                                   | ROW: 2007 - 110 ft / 2040 - 110 ft                                  | Bike Class: Priority 2                                    | 3 |
| S-4    | I-80<br>1300 East to I-215 (East)                                     | Widening: 6 to 8 lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft        | FWY / 3.5 miles / UDOT<br>Bike Class: Priority 1          | 2 |
| S-5    | I-215 (East) to Summit County Line                                    | Widening: 3 EB to 4 EB lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft  | FWY / 11 miles / UDOT<br>Bike Class: 3                    | 3 |
| S-6    | 2100 South  | Operational   | MA / 2.7 miles / Local                                    | 1 |
|        | I-15 to 1300 East<br>SR-201   | Widening: 4 to 6 lanes  | Bike Class: 2<br>FWY / 6.6 miles / UDOT                   | 3 |
| S-7    | I-80 (West) to SR-111 Bypass  | ROW: 2007 - 300 ft / 2040 - 300 ft<br>Widening: 4 to 6 lanes        | Bike Class: Priority 1<br>FWY / 4 miles / UDOT            | - |
| S-8    | SR-111 Bypass to Mountain View Corridor                               | ROW: 2007 - 300 ft / 2040 - 300 ft                                  | Bike Class: Priority 1                                    | 2 |
| S-9    | SR-201<br>Mountain View Corridor to I-15                              | Widening: 6 to 6+HOT lanes<br>ROW: 2007 - 300 ft / 2040 - 300 ft    | FWY / 7 miles / UDOT<br>Bike Class: None                  | 2 |
| S-10   | Parkway Boulevard (2700 South)<br>7200 West to 5600 West              | Widening: 2 to 4 lanes<br>ROW: 2007 - 80 ft / 2040 - 86 ft          | COL / 2 miles / Local<br>Bike Class: 2                    | 3 |
| S-11   | 3300 South / 3500 South   | Operational   | PA / 2.7 miles / UDOT                                     | 1 |
|        | I-215 (West) to Highland Drive 3500 South                             | Widening: 2 to 4 lanes  | Bike Class: 1, 2, and None<br>PA / 1.3 miles / Local      |   |
| S-12   | SR-111 Bypass to 7200 West  | ROW: 2007 - 66 ft / 2040 - 110 ft                                   | Bike Class: 2 and 3                                       | 3 |
| S-13   | 3500 South<br>7200 West to Mountain View Corridor                     | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 110 ft         | PA / 1.7 miles / Local<br>Bike Class: None                | 2 |
| S-14   | 3500 South<br>Mountain View Corridor to 4000 West                     | Widening: 2/4 to 6 lanes<br>ROW: 2007 - 80 ft / 2040 - 113 ft       | PA / 2.3 miles / UDOT<br>Bike Class: None                 | 1 |
| S-15   | 4100 South  | Widening: 2 to 4 lanes  | MA / 4.3 miles / Local                                    | 3 |
| S-16   | SR-111 to Mountain View Corridor<br>4700 South                        | ROW: 2007 - 76 ft / 2040 - 99 ft<br>Widening: 2 to 4 lanes          | Bike Class: Priority 2<br>PA / 2.3 miles / Local          | 2 |
|        | 6400 West to 4000 West<br>4700 South                                  | ROW: 2007 - 80 ft / 2040 - 110 ft<br>Widening: 4 to 6 lanes         | Bike Class: 2<br>PA / 1.5 miles / Local                   |   |
| S-17   | 4000 West to 2700 West  | ROW: 2007 - 110 ft / 2040 - 110 ft                                  | Bike Class: 3   | 1 |
| S-18   | 4500 South / 4700 South<br>Redwood Road to I-15                       | Widening: 4 to 6 lanes<br>ROW: 2007 - 150 ft / 2040 - 150 ft        | PA / 2 miles / UDOT<br>Bike Class: 3 and None             | 3 |
| S-19   | <b>4500 South</b><br>900 East to 2300 East                            | Widening: 2 to 4 lanes<br>ROW: 2007 - 80 ft / 2040 - 110 ft         | PA / 2.2 miles / UDOT<br>Bike Class: 2 and 3              | 3 |
| S-20   | 5400 South  | Widening: 2 to 4 lanes  | MA / 2.4 miles / UDOT                                     | 2 |
|        | SR-111 to Mountain View Corridor 5400 South                           | ROW: 2007 - 70 ft / 2040 – 99 ft<br>Widening: 4 to 6 lanes          | Bike Class: Priority 2<br>MA / 2.4 miles / UDOT           |   |
| S-21   | SR-111 to Mountain View Corridor 5400 South                           | ROW: 2007 - 70 ft / 2040 - 123 ft<br>Widening: 4 to 6 lanes         | Bike Class: Priority 2<br>MA / 2.5 miles / UDOT           | 3 |
| S-22   | Mountain View Corridor to Bangerter Highway                           | ROW: 2007 - 65 ft / 2040 - 110 ft                                   | Bike Class: Priority 2 and 3                              | 1 |
| S-23   | 5400 South<br>5600 West to Bangerter Highway                          | Operational   | MA / 2.3 miles / UDOT<br>Bike Class: Priority 2 and 3     | 1 |
| S-24   | 5400 South  | Operational   | MA / 2 miles / UDOT                                       | 1 |
| S-25   | Redwood Road to I-15<br>6200 South                                    | New Construction: 0 to 4 lanes                                      | Bike Class: Priority 3 and None<br>MA / 1.6 miles / Local | 1 |
|        | SR-111 to Mountain View Corridor 6200 South                           | ROW: 2007 - 0 ft / 2040 - 110 ft<br>Widening/NC: 2/0 to 4           | Bike Class: 1 and 2<br>MA / 0.3 miles / Local             |   |
| S-27   | Mountain View Corridor to 5600 West                                   | ROW: 2007 - 0 ft / 2040 - 110 ft                                    | Bike Class: 2   | 1 |
| S-28   | 7000 South<br>Bangerter Highway to Redwood Road                       | Widening: 3 to 4 lanes<br>ROW: 2007 - 56 ft / 2040 - 99 ft          | MA / 1.9 miles / Local<br>Bike Class: 2                   | 2 |
| S-29   | 7000 South / 7200 South<br>Redwood Road to Bingham Junction Boulevard | Widening: 4 to 6 lanes<br>ROW: 2007 - 90 ft / 2040 - 123 ft         | MA / 2 miles / UDOT<br>Bike Class: 1 and 2                | 3 |
| S-30   | 7000 South / 7200 South   | Widening: 4 to 6 lanes  | MA / 0.6 miles / UDOT                                     | 1 |
| S-31   | Bingham Junction Boulevard to I-15<br>Fort Union Boulevard            | ROW: 2007 - 90 ft / 2040 - 123 ft<br>Operational                    | Bike Class: 1<br>MA / 2.8 miles / Local                   | 1 |
|        | Union Park Boulevard to 3000 East 7800 South                          | Widening: 2 to 4 lanes  | Bike Class: 2<br>MA / 3.7 miles / Local                   |   |
| S-32   | SR-111 to New Bingham Highway   | ROW: 2007 - 66 ft / 2040 - 120 ft                                   | Bike Class: Priority 2                                    | 1 |
| S-34   | 9000 South<br>SR-111 to 5600 West                                     | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 110 ft  | PA / 1.7 miles / Local<br>Bike Class: 2                   | 1 |
| S-35   | 9000 South<br>5600 West to Bangerter Highway                          | Widening: 4 to 6 lanes<br>ROW: 2007 - 106 ft / 2040 - 123 ft        | PA / 2.5 miles / UDOT<br>Bike Class: 2                    | 3 |
| S-36   | 9000 South  | Widening: 4 to 6 lanes  | PA / 4 miles / UDOT                                       | 2 |
|        | Bangerter Highway to I-15 10200 South                                 | ROW: 2007 - 106 ft / 2040 - 123 ft<br>Widening: 2 to 4 lanes        | Bike Class: 1 and 2<br>COL / 2.6 miles / Local            |   |
| S-37   | SR-111 to Mountain View Corridor 10400 South / 10800 South            | ROW: 2007 - 82 ft / 2040 - 110 ft<br>New Construction: 0 to 4 lanes | Bike Class: 2<br>MA / 2 miles / Local                     | 1 |
| S-38   | SR-111 to Mountain View Corridor                                      | ROW: 2007 - 0 ft / 2040 - 110 ft                                    | Bike Class: None  | 2 |
| S-39   | 10400 South / 10800 South<br>Mountain View Corridor to 4800 West      | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 110 ft  | MA / 1.2 miles / Local<br>Bike Class: 1 and None          | 1 |
| S-40   | 10600 South / 10400 South<br>Bangerter Highway to I-15                | Operational   | MA / 4.2 miles / UDOT<br>Bike Class: 2 and None           | 1 |
| S-41   | 10600 South   | Widening: 2 to 4 lanes  | MA / 0.9 miles / Local                                    | 1 |
| 0.41   | 1300 East to Highland Drive   | ROW: 2007 - 86 ft / 2040 - 86 ft                                    | Bike Class: 1   |   |

| ID#    | PROJECT   | DESCRIPTION   |  |            |
|--------|---|---|--|------------|
| S-42   | 11800 South   | Widening: 2 to 4 lanes  | MA / 2.4 miles / Local                                     | 2          |
| 5-42   | SR-111 to 5600 West   | ROW: 2007 - 66 ft / 2040 - 99 ft  | Bike Class: Priority 2                                     | 2          |
| S-43   | 11400 South<br>11800 South / 5600 West to Valdania Street (5200 West) | Widening: 2 to 4 lanes<br>ROW: 2007 - 80 ft / 2040 - 110 ft                 | MA / 1 miles / Local<br>Bike Class: Priority 2             | 1          |
| a      | 11400 South   | Widening: 2 to 4 lanes  | MA / 1.2 miles / Local                                     |            |
| S-45   | 1300 East to Highland Drive   | ROW: 2007 - 80 ft / 2040 - 99 ft  | Bike Class: Priority 3 and None                            | 3          |
| S-46   | Herriman Parkway (12600 South)  | New Construction: 0 to 4 lanes  | PA / 1.5 miles / Local                                     | 3          |
|        | 8000 West to 6000 West 12600 South                                    | ROW: 2007 - 0 ft / 2040 - 110 ft<br>Widening: 4 to 6 lanes                  | Bike Class: 1 or 2<br>PA / 1.6 miles / Local               |            |
| S-47   | Mountain View Corridor to Bangerter Highway                           | ROW: 2007 - 106 ft / 2040 - 123 ft  | Bike Class: Priority 2                                     | 2          |
| S-48   | 12300 South / 12600 South   | Widening: 4 to 6 lanes  | PA / 2 miles / UDOT  | 2          |
|        | Redwood Road to 700 East Riverton Boulevard                           | ROW: 2007 - 106 ft / 2040 - 123 ft<br>New Construction: 0 to 4 lanes        | Bike Class: Priority 2<br>COL / 0.6 miles / Local          |            |
| S-49   | 4570 West to 13400 South  | ROW: 2007 - 0 ft / 2040 - 89 ft   | Bike Class: None   | 1          |
| S-50   | 13400 South   | Widening/NC: 2 to 4 lanes   | COL / 3 miles / Local                                      | 3          |
| 0.00   | 8000 West to Mountain View Corridor 13400 South                       | ROW: 2007 - 66 ft / 2040 - 110 ft<br>Widening: 4 to 6 lanes                 | Bike Class: 2 and 3<br>COL / 1.7 miles / Local             |            |
| S-51   | Mountain View Corridor to Bangerter Highway                           | ROW: 2007 - 66 ft / 2040 - 106 ft   | Bike Class: 2  | 1          |
| S-52   | Juniper Crest   | New Construction: 0 to 6 lanes  | MA / 1 miles / Local                                       | 1          |
| 0-52   | 4800 West to Mountain View Corridor                                   | ROW: 2007 - 0 ft / 2040 - 110 ft  | Bike Class: 2  |            |
| S-53   | Juniper Crest / 14400 South<br>Mountain View Corridor to 3600 West    | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft           | COL / 0.9 miles / Local<br>Bike Class: Priority 2 and 3    | 1          |
| S-54   | Traverse Ridge Road   | Widening: 2 to 4 lanes  | COL / 1.3 miles / Local                                    |            |
| S-54   | Highland Drive to Mike Weir Drive                                     | ROW: 2007 - 89 ft / 2040 - 99 ft  | Bike Class: 2  | 3          |
| S-55   | Porter Rockwell Road<br>Redwood Road to 14600 South                   | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 167 ft          | PA / 3 miles / Local<br>Bike Class: Priority 1 and 2       | 1          |
| Salt   |   | 1 NOW. 2007 - 0 IL/ 2040 - 107 IL   | Dire Class. FIIUlity 1 200 2                               | 1          |
| Salt L | ake County, North-South Facilities                                    |   |  | 1          |
| S-56   | SR-111 Bypass<br>SR-201 to SR-111                                     | Widening/NC: 0/2 to 4 lanes<br>ROW: 2007 - 55 ft / 2040 - 150 ft            | PA / 2.5 miles / UDOT<br>Bike Class: 1 and None            | 3          |
| 0.67   | SR-2010 SR-111  | Widening: 2 to 4 lanes  | PA / 8.5 miles /Local-UDOT                                 |            |
| S-57   | 5400 South to 11800 South   | ROW: 2007 - 106 ft / 2040 - 106 ft  | Bike Class: Priority 2                                     | 2          |
| S-58   | 8000 West   | New Construction: 0 to 4 lanes  | COL / 1.8 miles / Local                                    | 3          |
|        | 11800 South to 13400 South<br>7200 West                               | ROW: 2007 - 0 ft / 2040 - 106 ft<br>Widening: 2 to 4 lanes                  | Bike Class: None<br>MA / 2.5 miles / Local                 |            |
| S-59   | SR-201 to 3500 South  | ROW: 2007 - 66 ft / 2040 - 86 ft  | Bike Class: 3  | 1          |
| S-61   | Mountain View Corridor  | New Construction: 0 to 4 lanes  | PA / 3 miles / UDOT  | 1          |
| 3-01   | SR-201 to 4100 South  | ROW: 2007 - 0 ft / 2040 - 328 ft  | Bike Class: Priority 1 & None                              | · ·        |
| S-62   | Mountain View Corridor<br>4100 South to 5400 South                    | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 328 ft          | PA / 2.2 miles / UDOT<br>Bike Class: Priority 1            | 1          |
| 0.00   | Mountain View Corridor  | New Construction: 0 to 4 lanes  | PA / 14.4 miles / UDOT                                     |            |
| S-63   | 5400 South to Redwood Road  | ROW: 2007 - 0 ft / 2040 - 328 ft  | Bike Class: Priority 1 & None                              | 1          |
| S-64   | Mountain View Corridor<br>Redwood Road to Utah County Line            | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 328 ft          | PA / 2.9 miles / UDOT<br>Bike Class: Priority 1            | 2          |
|        | Mountain View Corridor  | Widening & Interchanges: 4 to 6 lanes                                       | FWY / 3 miles / UDOT                                       | -          |
| S-66   | SR-201 to 4100 South  | ROW: 2007 - 328 ft / 2040 - 328 ft  | Bike Class: Priority 1 &None                               | 2          |
| S-67   | Mountain View Corridor  | Widening & Interchanges: 4 to 6 lanes                                       | FWY / 2.2 miles / UDOT                                     | 2          |
|        | 4100 South to 5400 South Mountain View Corridor                       | ROW: 2007 - 328 ft / 2040 - 328 ft<br>Widening & Interchanges: 4 to 6 lanes | Bike Class: Priority 1<br>FWY / 4.5 miles / UDOT           |            |
| S-68   | 5400 South to 9000 South  | ROW: 2007 - 328 ft / 2040 - 328 ft  | Bike Class: Priority 1 and None                            | 2          |
| S-69   | Mountain View Corridor  | Widening & Interchanges: 4 to 6 lanes                                       | FWY / 1.5 miles / UDOT                                     | 3          |
| 3-09   | 9000 South to 10200 South   | ROW: 2007 - 328 ft / 2040 - 328 ft  | Bike Class: Priority 1 and None                            |            |
| S-70   | Mountain View Corridor<br>10200 South to Redwood Road                 | New Construction & Ints: 0 to 6 lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft | FWY / 8.4 miles / UDOT<br>Bike Class: Priority 1 & None    | 3          |
| 0.74   | Mountain View Corridor  | Widening & Interchanges: 4 to 6 lanes                                       | FWY / 2.9 miles / UDOT                                     |            |
| S-71   | Redwood Road to Utah County Line                                      | ROW: 2007 - 328 ft / 2040 - 328 ft  | Bike Class: None   | 2          |
| S-72   | Mountain View Corridor  | Widening: 6 to 6+HOV lanes  | FWY / 22.5 miles / UDOT<br>Bike Class: Brierity 1.8 None   | 3          |
|        | SR-201 to Utah County Line 5600 West                                  | ROW: 2007 - 328 ft / 2040 - 328 ft<br>Widening: 2 to 4 lanes                | Bike Class: Priority 1 & None<br>MA / 3.1 miles / UDOT     | <u> </u> . |
| S-73   | I-80 to SR-201  | ROW: 2007 - 86 ft / 2040 - 120 ft   | Bike Class: Priority 2                                     | 1          |
| S-74   | 5600 West   | Operational   | PA / 5 miles / Local-UDOT                                  | 1          |
|        | 2700 South to 6200 South 5600 West                                    | Widen/ NC: 0/2 to 4 lanes   | Bike Class: 2<br>MA / 3.1 miles / Local                    |            |
| S-75   | 6200 South to New Bingham Highway                                     | ROW: 2007 - 0 ft / 2040 - 110 ft  | Bike Class: 2  | 1          |
| S-76   | 5600 West   | Operational   | MA / 3.1 miles / Local                                     | 2          |
| 0-10   | 6200 South to New Bingham Highway                                     | Mislaria e O (c. 4 la   | Bike Class: 2  | -          |
| S-77   | 5600 West<br>New Bingham Highway to Old Bingham Highway               | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 110 ft                 | COL / 1.5 miles / Local<br>Bike Class: 2                   | 2          |
| C 70   | 5600 West   | New Construction: 0 to 4 lanes  | COL / 1.7 miles / Local                                    |            |
| S-78   | Old Bingham Highway to 10400 South / 10800 South                      | ROW: 2007 - 0 ft / 2040 - 86 ft   | Bike Class: None   | 1          |
| S-79   | 5600 West<br>11800 South to 13100 South                               | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft           | COL / 3.2 miles / Local<br>Bike Class: 2                   | 1          |
|        | 5600 West Connection  | New Construction: 0 to 2 lanes  | COL / 0.7 miles / Local                                    | · .        |
| S-80   | 5600 West to 11800 South  | ROW: 2007 - 0 ft / 2040 - 66 ft   | Bike Class: 2 and None                                     | 1          |
| S-81   | 4800 West   | New Construction: 0 to 2 lanes  | COL / 0.9 miles / Local                                    | 2          |
|        | SR-201 to Lake Park Boulevard (2700 South)                            | ROW: 2007 - 0 ft / 2040 - 86 ft   | Bike Class: Priority 3                                     | -          |
| S-82   | 4800 West<br>Skye Drive to Mountain View Corridor                     | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft           | COL / 2.7 miles / Local<br>Bike Class: Priority 2 and None | 1          |
| C 02   | 4570 West   | New Construction: 0 to 4 lanes  | COL / 1 miles / Local                                      | 4          |
| S-83   | 12600 South to 13400 South  | ROW: 2007 - 0 ft / 2040 - 89 ft   | Bike Class: None   | 1          |
| S-84   | 4200 West / Riverton Boulevard  | New Construction: 0 to 4 lanes  | COL / 1.5 miles / Local<br>Bike Class: None                | 1          |
|        | 13400 South to 14400 South<br>4150 West                               | ROW: 2007 - 0 ft / 2040 - 89 ft<br>New Construction: 0 to 2 lanes           | Bike Class: None<br>COL / 0.6 miles / Local                |            |
| S-85   |   |   |  | 1          |

| ID#    | PROJECT  | DESCRIF  | PHASE  |   |
|--------|--|--|--|---|
| S-86   | 3600 West<br>13400 South to 14400 South  | Widening: 2 to 4 lanes<br>ROW: 2007 - 73 ft / 2040 - 89 ft               | COL / 1.3 miles / Local<br>Bike Class: Priority 3      | 3 |
| S-87   | 3200 West<br>California Avenue to 1820 South   | New Construction: 0 to 4 lanes           ROW: 2007 - 0 ft / 2040 - 99 ft | COL / 0.7 miles / Local<br>Bike Class: 2               | 2 |
| S-88   | 3200 West<br>1820 South to Parkway Boulevard (2700 South)  | Widening: 2 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 110 ft               | COL / 1.3 miles / Local<br>Bike Class: 2               | 2 |
| S-89   | <b>I-215</b><br>2100 North to I-80   | Widening: 6 to 8 lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft             | FWY / 3.3 miles / UDOT<br>Bike Class: None             | 3 |
| S-90   | I-215 Frontage Road<br>2700 South to 4100 South  | New Construction: 0 to 1 lanes<br>ROW: 2007 - 0 ft / 2040 - 66 ft        | COL / 2.1 miles / Local<br>Bike Class: None            | 1 |
| S-91   | Redwood Road<br>I-215 (North) to 1000 North  | Widening: 2 to 4 lanes<br>ROW: 2007 - 110 ft / 2040 - 110 ft             | MA / 3 miles / UDOT<br>Bike Class: 2                   | 3 |
| S-92   | Redwood Road<br>SR-201 to 4700 South   | Operational  | PA / 3.9 miles / UDOT<br>Bike Class: 1, 2, and None    | 1 |
| S-93   | Redwood Road<br>9000 South to Bangerter Highway  | Widening: 4 to 6 lanes<br>ROW: 2007 - 66 ft / 2040 - 123 ft              | PA / 6 miles / UDOT<br>Bike Class: Priority 2 and None | 3 |
| S-94   | Redwood Road<br>9000 South to 11400 South  | Operational  | PA / 3 miles / UDOT<br>Bike Class: Priority 2 and None | 1 |
| S-95   | Redwood Road<br>12600 South to Bangerter Highway   | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 99 ft               | PA / 1.5 miles / UDOT<br>Bike Class: Priority 2        | 1 |
| S-96   | Redwood Road<br>Bangerter Highway to Porter Rockwell Road  | Widening: 4 to 6 lanes<br>ROW: 2007 - 106 ft / 2040 - 123 ft             | PA / 2.7 miles / UDOT<br>Bike Class: Priority 2        | 3 |
| S-97   | 1200 West<br>3100 South to 3300 South  | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft        | COL / 0.5 miles / Local<br>Bike Class: 3               | 1 |
| S-98   | Bingham Junction Boulevard<br>7800 South to 8400 South   | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft        | MA / 2.8 miles / Local<br>Bike Class: 2                | 1 |
| S-99   | Galena Park Boulevard<br>12300 South to 13490 South  | New Construction: 0 to 4 lanes           ROW: 2007 - 0 ft / 2040 - 89 ft | COL / 1.8 miles / Local<br>Bike Class: 1 and 3         | 1 |
| S-100  | Lone Peak Parkway<br>11400 South to 12300 South  | Widening: 2 to 4 lanes<br>ROW: 2007 - 65 ft / 2040 - 99 ft               | COL / 1.2 miles / Local<br>Bike Class: 2               | 3 |
| S-101  | Lone Peak Parkway<br>12300 South to Bangerter Highway  | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 99 ft        | COL / 2 miles / Local<br>Bike Class: 2                 | 1 |
| S-103  | Interview of the second | Collector/Distributor: 0 to 1 lanes<br>ROW: 2007 - 0 ft / 2040 - 66 ft   | COL / 0.7 miles / Local<br>Bike Class: None            | 2 |
| S-104  | I 150 First Provide Codal III  | Widening: 7+HOV to 8+HOV lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft     | FWY / 1.6 miles / UDOT<br>Bike Class: None             | 1 |
| S-105  | In the second se | Widening: 6/7+HOV to 8+HOV lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft   | FWY / 3.9 miles / UDOT<br>Bike Class: None             | 1 |
| S-106  | In the second se | Widening: 8+HOV to 10+HOV lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft    | FWY / 3.9 miles / UDOT<br>Bike Class: None             | 2 |
| S-107  | Cottonwood Street<br>4500 South to Vine Street   | New Construction: 0 to 2 lanes           ROW: 2007 - 0 ft / 2040 - 89 ft | COL / 0.9 miles / Local<br>Bike Class: None            | 2 |
| S-108  | State Street<br>600 South to I-215   | Operational  | MA / 8.6 miles / UDOT<br>Bike Class: None              | 2 |
| S-109  | State Street<br>I-215 to 12300 South   | Operational  | MA / 7.2 miles / UDOT<br>Bike Class: None              | 1 |
| S-110  | State Street<br>6200 South to 9000 South   | Widening: 4 to 6 lanes<br>ROW: 2007 - 100 ft / 2040 - 110 ft             | MA / 3.3 miles / UDOT<br>Bike Class: None              | 1 |
| S-111  | 900 East<br>3300 South to 4500 South   | Operational  | COL / 1.7 miles / Local<br>Bike Class: Priority 2      | 1 |
| S-112  | 900 East / 700 East<br>Fort Union Boulevard to 9400 South  | Widening: 4 to 6 lanes<br>ROW: 2007 - 106 ft / 2040 - 123 ft             | PA / 3 miles / UDOT<br>Bike Class: Priority 2 and 3    | 3 |
| S-113  | 700 East<br>11400 South to 12300 South   | Widening: 2 to 4 lanes<br>ROW: 2007 - 80 ft / 2040 - 110 ft              | PA / 1.2 miles / UDOT<br>Bike Class: Priority 2        | 1 |
| S-114  | Union Park Boulevard / 1300 East<br>Fort Union Boulevard to 7800 South   | Operational  | MA / 1.2 miles / Local<br>Bike Class: 1 and None       | 1 |
| S-115  | Highland Drive<br>Murray Holladay Boulevard to Van Winkle Expressway   | Operational  | PA / 2 miles / Local<br>Bike Class: None               | 2 |
| S-116  | 2000 East<br>Fort Union Boulevard to 9400 South  | Widening: 4 to 6 lanes<br>ROW: 2007 - 106 ft / 2040 - 123 ft             | PA / 3.1 miles / Local<br>Bike Class: Priority 2       | 3 |
| S-117  | Highland Drive<br>9400 South to 9800 South   | Widening: 2 to 4 lanes<br>ROW: 2007 - 106 ft / 2040 - 114 ft             | PA / 0.5 miles / Local<br>Bike Class: Priority 2       | 2 |
| S-118  | Highland Drive<br>9800 South to Draper City Limit  | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 114 ft       | PA / 2.8 miles / Local<br>Bike Class: Priority 2       | 3 |
| S-119  | Highland Drive<br>Draper City Limit to 14600 South   | Widening: 2 to 4 lanes<br>ROW: 2007 - 106 ft / 2040 - 114 ft             | PA/MA / 5.8 miles / Local<br>Bike Class: Priority 2    | 3 |
| S-120  | Highland Drive Connection<br>Traverse Ridge Road to 13800 South  | Widening: 2 to 4 lanes<br>ROW: 2007 - 106 ft / 2040 - 114 ft             | PA / 1.8 miles / Local<br>Bike Class: 2 and None       | 3 |
| S-121  | 500 South / Foothill Drive<br>1300 East to 2300 East   | Operational  | PA / 2.4 miles / UDOT<br>Bike Class: 2 and 3           | 1 |
| S-122  | Foothill Boulevard<br>2300 East to I-80  | Widening: 4 to 6 lanes<br>ROW: 2007 - 110 ft / 2040 - 110 ft             | PA / 2.4 miles / UDOT<br>Bike Class: Priority 1 and 2  | 3 |
| Salt L | ake County, Spot Facilities  |  |  |   |
| S-123  | SR-201 Interchange<br>@ I-80   | Upgrade  | FWY / UDOT<br>Bike Class: Priority 2                   | 2 |
| S-124  | SR-201 Interchange<br>@ SR-111 Bypass  | New Construction   | FWY / UDOT<br>Bike Class: Priority 3                   | 3 |
| S-125  | SR-201 Interchange<br>@ 8400 West  | New Construction   | FWY / UDOT<br>Bike Class: Priority 3                   | 2 |
| S-126  | SR-201 Interchange<br>@ 7200 West  | New Construction   | FWY / UDOT<br>Bike Class: Priority 3                   | 2 |
| S-127  | SR-201 Interchange<br>@ I-215  | Upgrade  | FWY / UDOT<br>Bike Class: None                         | 3 |

| ID#   | PROJECT   | DESCR  | IPTION  | PHASE |
|-------|---|--|---|-------|
| S-128 | SR-111 Rail Road Structure  | Widening: 2 to 4 lanes   | PA / UDOT   | 1     |
| S-130 | @ 4300 South<br>5600 West Rail Road Crossing                            | New Construction: 2 to 4 lanes                                     | Bike Class: Priority 2<br>PA / UDOT               | 1     |
|       | @ 750 South<br>4800 West Overpass                                       | New Construction: 0 to 2 lanes                                     | Bike Class: Priority 2<br>COL / Local             |       |
| S-131 | @ SR-201  |  | Bike Class: Priority 3                            | 2     |
| S-133 | Bangerter Highway Interchange<br>@ SR-201                               | Upgrade  | FWY / UDOT<br>Bike Class: None                    | 3     |
| S-140 | Bangerter Highway Interchange<br>@ 6200 South                           | New Construction   | FWY / UDOT<br>Bike Class: 2                       | 3     |
| S-141 | Bangerter Highway Interchange<br>@ 7000 South                           | New Construction   | FWY / UDOT  | 3     |
| S-142 | Bangerter Highway Interchange   | New Construction   | Bike Class: 2<br>FWY / UDOT                       | 1     |
| -     | @ 7800 South<br>Bangerter Highway Interchange                           | New Construction   | Bike Class: Priority 2<br>FWY / UDOT              |       |
| S-143 | @ 9000 South<br>Bangerter Highway Interchange                           | New Construction   | Bike Class: 2<br>FWY / UDOT                       | 3     |
| S-144 | @ 9800 South  |  | Bike Class: Priority 2                            | 3     |
| S-145 | Bangerter Highway Interchange<br>@ 10400 South                          | New Construction   | FWY / UDOT<br>Bike Class: 2                       | 3     |
| S-146 | Bangerter Highway Interchange<br>@ 11400 South                          | New Construction   | FWY / UDOT<br>Bike Class: Priority 2              | 3     |
| S-147 | Bangerter Highway Interchange   | New Construction   | FWY / UDOT  | 3     |
| -     | @ 12600 South<br>Bangerter Highway Interchange                          | New Construction   | Bike Class: Priority 2<br>FWY / UDOT              | 2     |
| S-148 | @ 13400 South<br>Bangerter Highway Interchange                          | New Construction   | Bike Class: 2<br>FWY / UDOT                       |       |
| S-149 | @ 2700 West   |  | Bike Class: None                                  | 3     |
| S-150 | Bangerter Highway Interchange<br>@ Redwood Road                         | New Construction   | FWY / UDOT<br>Bike Class: Priority 2              | 3     |
| S-151 | Bangerter Highway Interchange<br>@ 600 West                             | New Construction   | FWY / UDOT<br>Bike Class: None                    | 1     |
| S-152 | Bangerter Highway Interchange   | Upgrade  | FWY / UDOT  | 2     |
|       | @ I-15<br>I-215 Interchange   | New Construction   | Bike Class: None<br>FWY / UDOT                    | 3     |
| S-154 | @ 5400 South<br>I-215 Interchange                                       | Upgrade  | Bike Class: Priority 3<br>FWY / UDOT              |       |
| S-155 | @ Redwood Road (South)  |  | Bike Class: None                                  | 3     |
| S-156 | I-15 Interchange<br>@ 100 South (HOV Ramps)                             | New Construction: 0 to 2 lanes                                     | FWY / UDOT<br>Bike Class: None                    | 3     |
| S-157 | I-15 Interchange<br>@ I-215 (South)                                     | Upgrade  | FWY / UDOT<br>Bike Class: None                    | 3     |
| S-158 | 13800 South Overpass  | New Construction: 0 to 2 lanes                                     | COL / Local                                       | 3     |
| S-160 | @ I-15<br>Interchange   | Upgrade  | Bike Class: Priority 2<br>FWY / UDOT              | 2     |
|       | @ 14600 South I-80 Interchange  | Upgrade  | Bike Class: Priority 2<br>FWY UDOT                |       |
| S-161 | @ I-215 / Foothill Drive  |  | Bike Class: 3                                     | 2     |
| S-163 | Avalanche Snow Shed<br>Little Cottonwood Canyon Road @ Whitepine Chutes | New Construction   | MA UDOT<br>Bike Class: 2                          | 3     |
| Davis | County, East-West Facilities  |  |   |       |
| D-1   | 1800 North<br>West Davis Corridor to 2000 West                          | Widening: 2 to 4 lanes<br>ROW: 2007 - 80 ft / 2040 - 99 ft         | MA / 2 miles / UDOT<br>Bike Class: Priority 2     | 2     |
| D-2   | 1800 North  | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 99 ft         | MA / 2 miles / UDOT<br>Bike Class: Priority 2     | 1     |
| D-3   | 2000 West to SR-126<br>SR-193 Extension                                 | New Construction: 0 to 4 lanes                                     | MA / 2.2 miles / UDOT                             | 2     |
|       | West Davis Corridor to 2000 West SR-193 Extension                       | ROW: 2007 - 0 ft / 2040 - 110 ft<br>New Construction: 0 to 4 lanes | Bike Class: Priority 2<br>MA / 2.9 miles / UDOT   |       |
| D-4   | 2000 West to State Street   | ROW: 2007 - 0 ft / 2040 - 110 ft                                   | Bike Class: Priority 2                            | 1     |
| D-6   | SR-193<br>I-15 to US-89   | Operational  | MA / 5 miles / UDOT<br>Bike Class: Priority 2     | 1     |
| D-7   | Syracuse Road (SR-127)<br>West Davis Corridor to 2000 West              | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 110 ft        | MA / 1 miles / UDOT<br>Bike Class: Priority 2     | 1     |
| D-8   | Antelope Drive<br>Oak Forest Drive (2500 East) to US-89                 | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft  | MA / 0.3 miles / Local<br>Bike Class: Priority 2  | 1     |
| D-9   | Gordon Avenue (1000 North)  | Widening: 2 to 4 lanes   | COL / 0.7 miles / Local                           | 2     |
|       | Fairfield Road to 1600 East<br>Gordon Avenue (1000 North)               | ROW: 2007 - 66 ft / 2040 - 86 ft<br>New Construction: 0 to 4 lanes | Bike Class: None<br>COL / 1.3 miles / Local       |       |
| D-10  | 1600 East to US-89<br>Hill Field Road Extension                         | ROW: 2007 - 0 ft / 2040 - 86 ft<br>Widening: 2 to 4 lanes          | Bike Class: None<br>MA / 1.5 miles / Local        | 2     |
| D-11  | 3650 West (Layton) to 2200 West (Layton)                                | ROW: 2007 - 60 ft / 2040 - 110 ft                                  | Bike Class: 2                                     | 3     |
| D-12  | Layton Parkway<br>West Davis Corridor to Flint Street                   | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft  | MA / 2.6 miles / Local<br>Bike Class: None        | 1     |
| D-13  | 200 North (Kaysville)<br>West Davis Corridor to I-15                    | Widening: 2 to 4 lanes<br>ROW: 2007 - 60 ft / 2040 - 99 ft         | MA / 2.1 miles / Local<br>Bike Class: Priority 2  | 3     |
| D-14  | 2600 South / 1100 North   | Operational  | MA / 1.4 miles / Local                            | 1     |
|       | Redwood Road to I-15<br>Center Street                                   | Operational  | Bike Class: Priority 2<br>COL / 1.1 miles / Local |       |
| D-15  | Redwood Road to US-89   |  | Bike Class: Priority 1                            | 1     |
| Davis | County, North-South Facilities  |  |   |       |
|       |   |  |   |       |

| ID#   | PROJECT   | DESCRI  | DESCRIPTION                                       |   |  |  |
|-------|---|---|---|---|--|--|
| D-17  | West Davis Corridor   | New Construction: 0 to 4 lanes  | FWY / 11.8 miles / UDOT                           | 1 |  |  |
| D-18  | Syracuse Road to I-15 / US-89 / Legacy Parkway<br>West Davis Corridor | ROW: 2007 - 0 ft / 2040 - 320 ft<br>Corridor Preservation   | Bike Class: Priority 1<br>FWY / 4.8 miles / UDOT  | 1 |  |  |
| D-19  | 3000 West   | Weber County Line to Syracuse Road         ROW: 2007 - 0 ft / 2040 - 320 ft         Bike Class: Priority 1           00 West         New Construction: 0 to 2 lanes         COL / 0.5 miles / Local |   |   |  |  |
|       | 6000 South (Weber County) to 2300 North 2000 West (SR-108)            | ROW: 2007 - 0 ft / 2040 - 75 ft<br>Widening: 2 to 4 lanes   | Bike Class: Priority 2<br>MA / 4.4 miles / UDOT   | 1 |  |  |
| D-20  | Weber County Line to Syracuse Road (SR-108)                           | ROW: 2007 - 66 ft / 2040 - 110 ft   | Bike Class: Priority 2                            | 1 |  |  |
| D-21  | 2000 West<br>Syracuse Road (SR-108) to West Davis Corridor            | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 99 ft  | COL / 1.5 miles / Local<br>Bike Class: Priority 2 | 3 |  |  |
| D-22  | 3650 West (Layton)<br>700 North to Gentile Street                     | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 66 ft   | COL / 0.7 miles / Local<br>Bike Class: None       | 3 |  |  |
| D-23  | 2700 West (Layton)  | New Construction: 0 to 4 lanes  | COL / 1.8 miles / Local<br>Bike Class: 2          | 3 |  |  |
| D-24  | Gordon Avenue to Layton Parkway Redwood Road                          | ROW: 2007 - 0 ft / 2040 - 99 ft<br>Widening: 2 to 4 lanes   | MA / 1.7 miles / UDOT                             | 2 |  |  |
|       | 500 South to 2600 South   | ROW: 2007 - 100 ft / 2040 - 110 ft<br>Widening: 6 to 6+HOV lanes  | Bike Class: Priority 2<br>FWY / 6.3 miles / UDOT  |   |  |  |
| D-25  | Weber County Line to Hill Field Road (SR-232)                         | ROW: 2007 - 328 ft / 2040 - 328 ft  | Bike Class: None<br>FWY / 10.6 miles / UDOT       | 1 |  |  |
| D-26  | I-15<br>US-89 (Farmington) to I-215                                   | Widening: 8 to 8+HOV lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft  | Bike Class: None                                  | 1 |  |  |
| D-28  | US-89<br>I-84 to Antelope Drive                                       | Widening: 4 to 6 lanes<br>ROW: 2007 - 120 ft / 2040 - 150 ft  | FWY / 3.2 miles / UDOT<br>Bike Class: Priority 2  | 2 |  |  |
| D-29  | US-89<br>Antelope Drive to I-15 (Farmington)                          | Widening: 4 to 6 lanes<br>ROW: 2007 - 120 ft / 2040 - 150 ft  | FWY / 7.4 miles / UDOT<br>Bike Class: Priority 2  | 3 |  |  |
| Davis | County, Spot Facilities   | ROW: 2007 - 120107 2040 - 15010   | Bike Class: Phoney 2                              |   |  |  |
| D-30  | 1800 North Overpass   | New Construction: 2 to 4 lanes  | MA / UDOT   | 1 |  |  |
|       | @ 500 West Rail Road Crossing I-15 Interchange                        | New Construction  | Bike Class: Priority 2<br>FWY / UDOT              |   |  |  |
| D-31  | @ 1800 North  |   | Bike Class: Priority 2                            | 1 |  |  |
| D-32  | I-15 Interchange<br>@ 650 North                                       | Upgrade   | FWY / UDOT<br>Bike Class: None                    | 3 |  |  |
| D-33  | I-15 Interchange<br>@ Syracuse Road                                   | Upgrade   | FWY / UDOT<br>Bike Class: Priority 2              | 3 |  |  |
| D-35  | I-15 Interchange<br>@ Hill Field Road                                 | Upgrade   | FWY / UDOT  | 2 |  |  |
| D-36  | I-15 Interchange  | New Construction  | Bike Class: None<br>FWY / UDOT                    | 1 |  |  |
|       | @ Shepard Lane  | Upgrade   | Bike Class: None<br>FWY / UDOT                    |   |  |  |
| D-37  | @ Parrish Lane  |   | Bike Class: Priority 2                            | 3 |  |  |
| D-38  | e 400 North / 500 West  | Upgrade   | FWY / UDOT<br>Bike Class: None                    | 3 |  |  |
| D-39  | I-15 Interchange<br>@ 500 South                                       | Upgrade   | FWY / UDOT<br>Bike Class: Priority 2              | 3 |  |  |
| D-40  | I-15 Interchange<br>@ 2600 South                                      | Upgrade   | FWY / UDOT<br>Bike Class: Priority 2              | 3 |  |  |
| D-41  | 2600 South / 1100 North   | New Construction  | MA / Local  | 2 |  |  |
| D-42  | @ 1150 West Rail Road Crossing<br>Legacy Parkway Interchange          | New Construction  | Bike Class: Priority 2<br>FWY / UDOT              | 3 |  |  |
|       | @ Center Street<br>US-89 Interchange                                  | New Construction  | Bike Class: Priority 1<br>FWY / UDOT              |   |  |  |
| D-45  | @ Antelope Drive  |   | Bike Class: Priority 2                            | 1 |  |  |
| D-46  | US-89 Interchange<br>@ Gordon Avenue                                  | New Construction  | FWY / UDOT<br>Bike Class: Priority 2              | 2 |  |  |
| D-47  | US-89 Interchange<br>@ Oakhills Drive (SR-109)                        | New Construction  | FWY / UDOT<br>Bike Class: Priority 2              | 2 |  |  |
| D-48  | US-89 Interchange   | New Construction  | FWY / UDOT  | 1 |  |  |
| D-49  | @ 400 North (Fruit Heights) Nicholl's Road Overpass                   | New Construction: 0 to 2 lanes  | Bike Class: Priority 2<br>COL / Local             | 3 |  |  |
| -     | @ US-89   | <u> </u>  | Bike Class: None                                  |   |  |  |
|       | er County, East-West Facilities Skyline Drive (North)                 | New Construction: 0 to 2 lanes  | COL / 3.6 miles / Local                           |   |  |  |
| W-1   | US-89 to 450 East   | ROW: 2007 - 0 ft / 2040 - 86 ft   | Bike Class: Priority 3                            | 1 |  |  |
| W-2   | Skyline Drive (North)<br>450 East to 2600 North                       | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft   | COL / 3.1 miles / Local<br>Bike Class: Priority 3 | 2 |  |  |
| W-3   | 1700 North<br>US-89 to 400 East                                       | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 66 ft   | COL / 1.2 miles / Local<br>Bike Class: 1          | 3 |  |  |
| W-4   | Larsen Lane   | Widening: 2 to 4 lanes  | MA / 0.5 miles / Local                            | 3 |  |  |
| W-5   | US-89 / Wall Avenue to 400 East<br>Pioneer Road (400 North)           | ROW: 2007 - 60 ft / 2040 - 89 ft<br>Re-stripe: 2 to 4 lanes   | Bike Class: None<br>COL / 1 miles / Local         | 1 |  |  |
|       | I-15 to 1200 West   | ROW: 2007 - 110 ft / 2040 - 110 ft<br>Widening: 2 to 4 lanes  | Bike Class: Priority 2<br>COL / 2.1 miles / UDOT  |   |  |  |
| W-6   | SR-67 (North Legacy Corridor) to 4700 West                            | ROW: 2007 - 55 ft / 2040 - 110 ft   | Bike Class: Priority 2                            | 3 |  |  |
| W-7   | 1200 South<br>4700 West to I-15                                       | Widening: 2 to 4 lanes<br>ROW: 2007 - 92 ft / 2040 - 110 ft   | PA / 4.8 miles / UDOT<br>Bike Class: Priority 2   | 2 |  |  |
| W-8   | 20th Street<br>Wall Avenue to Harrison Boulevard                      | Operational   | MA / 1.6 miles / Local<br>Bike Class: None        | 1 |  |  |
| W-9   | 21st Street   | Operational   | COL / 0.6 miles / Local                           | 1 |  |  |
| W-10  | Wall Avenue to Adams Avenue           24th Street                     | Widening: 2 to 4 lanes  | Bike Class: None<br>MA / 1.6 miles / UDOT         | 2 |  |  |
|       | I-15 to Lincoln Avenue 2550 South                                     | ROW: 2007 - 86 ft / 2040 - 110 ft<br>Widening: 2 to 4 lanes   | Bike Class: Priority 3<br>COL / 3 miles / Local   |   |  |  |
| W-11  | I-15 to 3500 West   | ROW: 2007 - 60 ft / 2040 - 86 ft  | Bike Class: Priority 3                            | 3 |  |  |

| ID#  | PROJECT   | DESCRI   |  | PHASE |
|------|---|--|--|-------|
| W-12 | Country Hills Drive<br>Adams Avenue to Gramercy Avenue  | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 99 ft               | MA / 1 miles / Local<br>Bike Class: Priority 2         | 1     |
| W-13 | 4000 South (SR-37)<br>SR-67 (North Legacy Corridor) to 1900 West (SR-126)                         | Widening: 2 to 4 lanes<br>ROW: 2007 - 86 ft / 2040 - 110 ft              | MA / 3.9 miles / UDOT<br>Bike Class: Priority 3        | 2     |
| W-14 | Midland Drive (SR-108)<br>3500 West to 1900 West (SR-126)   | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 110 ft              | MA / 2.9 miles / UDOT<br>Bike Class: Priority 3        | 1     |
| W-16 | Riverdale Road (SR-26)<br>1900 West (SR-126) to I-84  | Widening: 4 to 6 lanes<br>ROW: 2007 - 99 ft / 2040 - 120 ft              | PA / 1 miles / UDOT<br>Bike Class: 3                   | 1     |
| W-17 | 5600 South / 5500 South<br>5900 West (Hooper) to 3500 West  | Widening: 2 to 4 lanes<br>ROW: 2007 - 68 ft / 2040 - 86 ft               | MA / 3.1 miles / UDOT<br>Bike Class: Priority 3        | 2     |
| W-18 | 5600 South<br>3500 West to 1900 West (SR-126)   | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 99 ft               | MA / 2 miles / UDOT<br>Bike Class: Priority 2 and 3    | 2     |
| Webe | r County, North-South Facilities  |  | · · ·  |       |
| W-19 | SR-67 (North Legacy Corridor)<br>I-15 (North) to 4000 South                                       | Corridor Preservation<br>ROW: 2007 - 0 ft / 2040 - 220 ft                | FWY / 15.6 miles / UDOT<br>Bike Class: Priority 1      | 1     |
| W-20 | SR-67 (North Legacy Corridor)<br>4000 South to Davis County Line                                  | Corridor Preservation<br>ROW: 2007 - 0 ft / 2040 - 220 ft                | FWY / 3.3 miles / UDOT<br>Bike Class: Priority 1       | 1     |
| W-21 | SR-67 (North Legacy Corridor)<br>4000 South to 5500 South   | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 220 ft       | FWY / 2.5 miles / UDOT<br>Bike Class: Priority 1       | 3     |
| W-22 | SR-67 (North Legacy Corridor)<br>5500 South to Davis County Line                                  | New Construction: 0 to 4 lanes<br>ROW: 2007 - 0 ft / 2040 - 220 ft       | FWY / 0.8 miles / UDOT<br>Bike Class: Priority 1       | 2     |
| W-23 | 4700 West<br>1200 South to 4000 South   | Widening: 2 to 4 lanes<br>ROW: 2007 - 82 ft / 2040 - 110 ft              | MA / 3.8 miles / Local<br>Bike Class: None             | 3     |
| W-24 | 4700 West<br>4600 South to 4800 South   | New Construction: 0 to 2 lanes<br>ROW: 2007 - 0 ft / 2040 - 66 ft        | COL / 0.3 miles / Local<br>Bike Class: None            | 1     |
| W-25 | 3500 West<br>1200 South to Midland Drive  | Operational  | COL / 4.6 miles / Local<br>Bike Class: Priority 3      | 2     |
| W-26 | 3500 West (SR-108)<br>Midland Drive to Davis County Line  | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 110 ft              | MA / 1.6 miles / UDOT<br>Bike Class: Priority 3        | 1     |
| W-27 | 1900 West / 2000 West (SR-126)<br>2700 North to 1200 South  | Widening: 2 to 4 lanes<br>ROW: 2007 - 66 ft / 2040 - 120 ft              | MA / 4.3 miles / UDOT<br>Bike Class: Priority 3        | 3     |
| W-28 | 1900 West (SR-126)<br>Riverdale Road to 5600 South  | Widening: 4 to 6 lanes<br>ROW: 2007 - 100 ft / 2040 - 113 ft             | MA / 0.4 miles / UDOT<br>Bike Class: Priority 3        | 1     |
| W-29 | I-15<br>Box Elder County Line to 2700 North   | Widening: 4 to 6 lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft             | FWY / 2.2 miles / UDOT<br>Bike Class: None             | 3     |
| W-30 | I-84 to Davis County Line   | Widening: 6 to 6+HOV lanes<br>ROW: 2007 - 328 ft / 2040 - 328 ft         | FWY / 2.8 miles / UDOT<br>Bike Class: None             | 1     |
| W-31 | 600 West<br>Elberta Drive to 2600 North   | Operational  | COL / 0.9 miles / Local<br>Bike Class: None            | 2     |
| W-32 | Adams Avenue<br>US-89 / Washington Boulevard to Washington Terrace City<br>Limits                 | Widening: 2 to 4 lanes<br>ROW: 2007 - 86 ft / 2040 - 99 ft               | MA / 0.6 miles / Local<br>Bike Class: 2                | 2     |
| W-33 | 450 East / 400 East<br>3300 North to 2600 North   | Widening: 2 to 4 lanes<br>ROW: 2007 - 68 ft / 2040 - 89 ft               | COL / 0.8 miles / Local<br>Bike Class: 3               | 1     |
| W-34 | Monroe Boulevard<br>3100 North to 1300 North  | New Construction: 0 to 2/4 lanes<br>ROW: 2007 - 0 ft / 2040 - 86 ft      | MA / 2.3 miles / Local<br>Bike Class: 3 and None       | 3     |
| W-35 | Harrison Boulevard<br>2600 North to 12th Street   | Operational  | PA / 3.8 miles / Local<br>Bike Class: Priority 3       | 2     |
| W-36 | Harrison Boulevard<br>12th Street to Country Hills Drive  | Operational  | PA / 4.7 miles / UDOT<br>Bike Class: Priority 2 & None | 1     |
| W-37 | Harrison Boulevard<br>Country Hills Drive to US-89  | Widening: 4 to 6 lanes<br>ROW: 2007 - 99 ft / 2040 - 123 ft              | PA / 4.8 miles / UDOT<br>Bike Class: Priority 2        | 3     |
| W-38 | US-89<br>Harrison Boulevard to I-84   | Widening: 4 to 6 lanes<br>ROW: 2007 - 120 ft / 2040 - 120 ft             | FWY / 2 miles / UDOT<br>Bike Class: Priority 2         | 2     |
| W-39 | Skyline Drive<br>1. Fern Drive / 2. Ogden City Limits to 1. 4600 South / 2.<br>Eastwood Boulevard | New Construction: 0 to 2 lanes           ROW: 2007 - 0 ft / 2040 - 80 ft | COL / 0.6 miles / Local<br>Bike Class: Priority 3      | 1     |
| Webe | r County, Spot Facilities   | 1<br>  |  | 1     |
| W-41 | I-15 Interchange<br>@ 24th Street   | Upgrade  | FWY / UDOT<br>Bike Class: Priority 3                   | 2     |
| W-42 |   | Upgrade  | FWY / UDOT<br>Bike Class: 3                            | 1     |
| W-43 | Product (SR-26)     I-15 Interchange     @ 5600 South   | Upgrade  | FWY / UDOT<br>Bike Class: 2                            | 3     |
|      | US-89 Interchange   | Upgrade  | FWY / UDOT   | 3     |

### 2040 RTP TRANSIT PROJECT LIST

| PROJECT  | TION                        |  |   |
|--|-----------------------------|--|---|
| Needed Mode  | Funded Mode                 | From   | То  |
| Phase 1  |                             |  |   |
| North Ogden - Salt I   | _ake (First of Three Pl     | nases)   |   |
| North Ogden - Ogden Inter<br>FrontRunner Station - Farr<br>Central - Downtown Salt L | mington FrontRunner Station | - Newgate Mall - Riverdale - Clearfield<br>- Centerville - Bountiful - Woods Cross | - Hill Air Force Base - Layton<br>– North Salt Lake - Salt Lake |
| Bus Rapid Transit  | Corridor Preservation       | 4400 S. (Roy)  | Davis County Line   |
| Bus Rapid Transit  | Corridor Preservation       | Davis County Line  | 651 N./SR-126   |
| Bus Rapid Transit  | Bus Rapid Transit           | HAFB West Gate   | 200 N./SR-126   |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | 200 N./SR-126  | Clearfield FrontRunner  |
| Rail/Bus Rapid Transit   | Enhanced Bus (BRTI)         | Main St/Parrish Lane   | 3800 S. Bountiful/US-89   |
| Rail/Bus Rapid Transit   | Bus Rapid Transit           | 3800 S. Bountiful/US-89  | US-89/Eagleridge Dr   |
| Ogden - Weber State  | e University (First of 1    | 「wo Phases)  |   |
| Oaden Intermodal Center  | - Oaden - South Oaden - We  | ber State University - McKay Dee Hosp  | ital  |
| Streetcar  | Enhanced Bus (BRTI)         | Ogden Intermodal Center  | Washington/27th St  |
| Streetcar  | Bus Rapid Transit           | Washington/27th St   | Washington/36th St  |
| Streetcar  | Enhanced Bus (BRTI)         | Washington/36th St   | Harrison Boulevard/Edvalson                                     |
| Streetcar  | Bus Rapid Transit           | Harrison Boulevard/Edvalson Ave  | McKay-Dee Hospital  |
| West Davis - West V  |                             | ·  | · · · ·   |
| Ogden Intermodal Center  |                             | ll - Riverdale - Roy FrontRunner Station<br>n FrontRunner Station                  | - West Haven - Clinton - West                                   |
| Enhanced Bus (BRTI)  | Enhanced Bus (BRTI)         | 3500 W./Midland Dr   | Davis County Line   |
| Enhanced Bus (BRTI)  | Enhanced Bus (BRTI)         | Weber County Line  | 2000 W./Antelope Dr   |
| Ogden Valley Park-/  | And-Ride                    |  |   |
| Near Pineview Dam  |                             |  |   |
| Park-and -Ride   | Park-and-ride               | Near Pineview Dam  |   |
|  | B West Transit Center       |  |   |
|  |                             |  |   |
| Falcon Hill - Hill AFB West<br>Transit Hub   | Transit Hub                 | New Hill AFB West Gate   |   |
|  | -1                          |  |   |
|  |                             | Drive (First of Three Phases)  |   |
|  |                             | Medical Center - Research Park - Parle<br>n - Little Cottonwood Canyon             | y's Canyon - Interstate 215 -                                   |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | Salt Lake Central  | Medical Dr./ Research Rd  |
| Bus Rapid Transit  | Bus Rapid Transit           | Medical Dr./ Research Rd   | New Rd at Wakara Way  |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | New Rd at Wakara Way   | Arapeen Dr/Chipeta Way  |
| Park City  |                             |  |   |
| •  |                             |  |   |
|  |                             | dical Center - Foothill - Interstate 80 - Si                                       |   |
| Enhanced Bus (BRTI)  | Operations only             | Salt Lake Central  | Summit County Line  |
| State (First of Three  |                             |  |   |
| FrontRunner Station - Drap   | per FrontRunner Station     | k - Murray FrontRunner Station - Midval  |   |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | 200 S./State St  | State St/Winchester St  |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | State St/Winchester St   | 9000 S.   |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | 9000 S.  | Draper FrontRunner  |
| Redwood (First of T  |                             |  |   |
|  |                             | - Airport East Hub - West Valley - Taylo   | rsville - West Jordan - South                                   |
| Jordan - Riverton - Draper   |                             |  |   |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | N. Temple/Redwood Rd   | SR-201  |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | SR-201   | 4700 S.   |
| Bus Rapid Transit  | Enhanced Bus (BRTI)         | 4700 S.  | 9000 S.   |
| Bus Rapid Transit  | Corridor Preservation       | 9000 S.  | 12600 S.  |
| Bus Rapid Transit  | Corridor Preservation       | 12600 S./Redwood Rd  | 12300 S./Pony Express   |

| PROJECT  |  | LOCA                                      | TION   |
|--|--|---|--|
| Needed Mode                                      | Funded Mode                                | From                                      | То   |
| Draper Line North S                              | egment                                     |   |  |
| 10000 South TRAX Station                         | n - 12600 South TRAX Station               | 1   |  |
| Light Rail                                       | Light Rail                                 | 10000 S. TRAX Station                     | 12600 S. TRAX                                  |
| 5600 West (First of 1                            | Two Phases)                                |   |  |
|  |  | Airport East Hub - International Cente    | r - West Valley - Kearns - West                |
| Jordan - Daybreak Station                        |  | · - · · · · · · · · · · · · · · · · · ·   |  |
| Rail/Bus Rapid Transit                           | Corridor Preservation                      | Salt Lake International Airport           | 5600 W./2700 S.                                |
| Rail/Bus Rapid Transit<br>Rail/Bus Rapid Transit | Bus Rapid Transit<br>Corridor Preservation | 5600 W./2700 S.<br>5600 W./6200 S.        | 5600 W./6200 S.                                |
| ·  | Comdor Preservation                        | 5600 11.76200 5.                          | 11800 S.                                       |
| 200 South Streetcar                              |  |   |  |
|  | own Salt Lake – Harmons Gro                |   |  |
| Streetcar  | Streetcar                                  | 600 W./200 S.                             | 200 S./200 East                                |
| Sugarhouse                                       |  |   |  |
| Sugarhouse - South Salt L                        | ake – North/South TRAX Line                | )   |  |
| Streetcar  | Streetcar                                  | 2100 S. TRAX                              | Highland Dr/Sugarmont                          |
| 3900/3500 South (Fir                             | rst of Three Phases)                       |   |  |
| •  | Millcreek - South Salt Lake -              | Wast Valley West Penek                    |  |
| Bus Rapid Transit                                | Bus Rapid Transit                          | 3500 S./3600 W.                           | 3500 W./6000 W.                                |
|  | · ·  |   | 3300 W./0000 W.                                |
| • •  | Central Segment (Firs                      | •   |  |
|  |  | sen Research Park - SLCC Redwood          |  |
| Bus Rapid Transit                                | Enhanced Bus (BRTI)                        | Box Elder St/4800 S.                      | SLCC Redwood Campus                            |
| Taylorsville Murray,                             | West Valley Extension                      | n (First of Two Phases)                   |  |
| Salt Lake Community Colle                        | ege Redwood Campus - Ame                   | rican Express - West Valley Intermoda     | l Center                                       |
| Bus Rapid Transit                                | Enhanced Bus (BRTI)                        | 4500 S./Redwood Rd                        | W. Valley Intermodal Ctr                       |
| West Bench, Daybre                               | ak Segment                                 |   |  |
| Daybreak – 8400 West                             |  |   |  |
| Corridor Preservation                            | Corridor Preservation                      | Daybreak S. Station                       | 11400 S./8400 W.                               |
| Phase 2  | 1  |   | 1  |
|  |  | amanta                                    |  |
| •  | ew Frequency Improve                       | ements                                    |  |
| Downtown Ogden - Pleasa                          |  | 1   |  |
| Commuter Rail                                    | Commuter Rail                              | Ogden Intermodal Center                   | Pleasant View FrontRunner                      |
| Ogden - Weber State                              | e University (Second o                     | of Two Phases)                            |  |
| Ogden Intermodal Center -                        | Ogden - South Ogden - Web                  | per State University - McKay Dee Hosp     | ital   |
| Streetcar  | Streetcar                                  | Ogden Intermodal Center                   | Washington/27th St                             |
| Streetcar  | Streetcar                                  | Washington/27th St                        | Washington/36th St                             |
| Streetcar  | Streetcar                                  | Washington/36th St                        | Harrison/Edvalson Av                           |
| Streetcar  | Streetcar                                  | Harrison Boulevard/Edvalson Av            | McKay-Dee Hospital                             |
| North Ogden - Salt L                             | .ake (Second of Three                      | Phases)                                   |  |
|  |  | - Newgate Mall - Riverdale - Roy Fron     |  |
|  |  | ce Base - Layton FrontRunner Station      |  |
|  |  | Salt Lake Central - Downtown Salt La      |  |
| Enhanced Bus (BRTI)                              | Enhanced Bus (BRTI)                        | 2700 N./Washington Boulevard              | 12th St/Washington Boulevard                   |
| Bus Rapid Transit                                | Bus Rapid Transit                          | 12th St/Washington Boulevard              | Ogden Intermodal Ctr                           |
| Bus Rapid Transit                                | Enhanced Bus (BRTI)                        | Washington Boulevard/36th St              | 4400 S./UP-HAFB ROW                            |
| Bus Rapid Transit                                | Bus Rapid Transit<br>Bus Rapid Transit     | 4400 S./UP-HAFB ROW                       | Davis County Line                              |
| Bus Rapid Transit Bus Rapid Transit              | · · ·                                      | Davis County Line                         | HAFB West Gate                                 |
|  | Bus Rapid Transit<br>Enhanced Bus (BRTI)   | 200 N./State St                           | Clearfield FrontRunner                         |
| Bus Rapid Transit<br>Enhanced Bus (BRTI)         | Enhanced Bus (BRTI)                        | Clearfield FrontRunner                    | Farmington FrontRunner<br>Parrish Lane/Main St |
| Rail/Bus Rapid Transit                           | Bus Rapid Transit                          | Farmington FrontRunner<br>1500 S./Main St | 3800 S. Bountiful/US-89                        |
| Rail/Bus Rapid Transit                           | Bus Rapid Transit                          | US-89/Eagleridge Dr                       | Salt Lake County Line                          |
| Rail/Bus Rapid Transit                           | Bus Rapid Transit                          | Salt Lake County Line                     | Salt Lake Intermodal Center                    |
|  |  |   |  |
| Hill AFB South Tran                              | sit Center                                 |   |  |

| Needed Mode         Funded Mode         From         To           Hill AFB South Gate         Transit Hub         Transit Hub         Transit Hub         Transit Hub           Anteloge Drive Park-And-Ride         Anteloge Drive Park-And-Ride         Anteloge Drive Park-And-Ride         Image Drive Park-And-Ride           Anteloge Drive Park-And-Ride         Park-and-Ride         South Set Southid - West Southid - Woods Cross FrontRumer Station - N. Salt Lake - North Temple - Downtown Salt Lake           Enhanced Bus (BRT)         Enhanced Bus (BRT)         500 S./Crchard Dr         500 S./Redwood Rd         200 S. Redwood Rd           Enhanced Bus (BRT)         Enhanced Bus (BRT)         500 S./Redwood Rd         200 S. Redwood Rd         Salt Lake Contral - Salt Lake Cliv - University of Ulah - Medical Center - Research Park - Parley's Caryon - Interstate 215 - Cotomvood Caryona           Bus Rapid Transit         Bus Rapid Transit         Salt Lake Central         200 S./200 East         Medical Dr./Research Rd           Bus Rapid Transit         Bus Rapid Transit         Salt Lake Central - Salt Control Mode Data (SRT)         Anapeen Dr/Chipeta Way         Height Parley May           Bus Rapid Transit         Bus Ra  |                                       |                                  |  |                              |
|--|---------------------------------------|----------------------------------|--|------------------------------|
| Hill AFB South Gate       Transit Hub       Image Drug Server Ser  | PROJECT                               |                                  |  |                              |
| Transit Hub       Transit Hub         Antelope DrivS Park-And-Ride         Antelope DrivS Park-And-Ride         Park-and-Ride       Park-and-Ride         North Redwood (First of Two Phases)         East Bountiful - West Bountiful - Woods Cross FrontRunner Station - N. Salt Lake - North Temple - Downtown Salt Lake         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)         Salt Lake Cantral - Salt Lake City - Foothill Drive - Wasatch Drive (Second of Three Phases)         Salt Lake Cantral - Salt Lake City - University of Utah - Medical Center - Research Park - Parley's Canyon - Interstate 215 - Cotonwood Canyon - Little Contonwood Canyon - Little Control - Solt Scale Canyon         Bus Rapid Transit       Bus Rapid Transit       Salt Lake Central       200 S./200 East         Bus Rapid Transit         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit <t< td=""><td></td><td>Funded Mode</td><td>From</td><td>То</td></t<>  |                                       | Funded Mode                      | From                                     | То                           |
| Antelope Dr/US-89         Park-and -Ride         East Bountiful - Weest Bountiful - Woods Cross FrontRunner Staton - N. Salt Lake - North Temple - Downtown Salt Lake         Enhanced Bus (BRT)         Enhanced Bus (BRT)         Enhanced Bus (BRT)         Stat Lake City - Foothill Drive - Wasatch Drive (Second of Three Phases)         Salt Lake City - Foothill Drive - Wasatch Drive (Second of Three Phases)         Salt Lake City - Foothill Drive - Wasatch Drive (Second of Three Phases)         Salt Lake City - Foothill Drive - Wasatch Drive (Second of Three Phases)         Salt Lake Cantral - Salt Lake Citatine Salt Lake Cantral         Bus Rapid Transit       Bus Rapid Transit         Bus Rapid Tra  |                                       | 1                                |  |                              |
| Anteloge Dr/US-89       Park-and-Ride       Park-and-Ride         Park-and-Ride       Park-and-Ride       South And Redwood (First of Two Phases)         East Bountiful - West Bountiful - Woods Cross FrontRunner Station - M. Salt Lake - North Temple - Downtown Salt Lake       Sol S / Redwood Rd         Enhanced Bus (BRT)       Einhanced Bus (BRT)       Sol S / Redwood Rd       2000 S. Redwood Rd         Enhanced Bus (BRT)       Einhanced Bus (BRT)       Sol S / Redwood Rd       Salt Lake Control - Solt Lake City - University of Utah - Medical Center - Research Park - Parley's Canyon - Interstate 215 - Cotonwood Conyon - Little Control - Solt Canyon Congron E.       Solt Lake City - Toothill Drive - Wasatch Drive (Second of Three Phases)         Sus Rapid Transit       Bus Rapid Transit       Salt Lake Cantral       200 S / Zoot East         Bus Rapid Transit       Bus Rapid Transit       Einhanced Bus (BRT)       Arapeen Dr/Chipeta Way         Bus Rapid Transit       Bus Rapid Transit       New Rd/Wakrar Way       Heidcal Dr/Research Rd         Bus Rapid Transit         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Bus Rapid   |                                       | 1                                |  |                              |
| Park-and-Ride Park-and-Ride Park-and-Ride Post-Series For Runner Station - N. Salt Lake - North Temple - Downtown Salt Lake Enhanced Bus (BRTI) Enhanced Bus (BRTI) 500 S./Redwood Rd 2800 S. Redwood Rd 2800 S. Redwood Rd 2800 S. Redwood Rd Salt Lake Central - Bus (BRTI) 500 S./Redwood Rd Salt Lake Central - Captrol - South Salt Lake - Muray FrontRunner Station - Droch Penases) Salt Lake Central - Captrol - South Salt Lake - Muray FrontRunner Station - Droch Penases) Salt Lake Central - Captrol - South Salt Lake - Muray FrontRunner Station - Droch PenaRunner Station - South - Salt Lake Central - Captrol - South Salt Lake - Muray FrontRunner Station - Droch PenaRunner Station - Nare FrontRunner Station - South - Salt Lake Central - Captrol - South Salt Lake - Muray FrontRunner Station - South - Salt Lake Central - Captrol - South Salt Lake - Muray FrontRunner Station - Nare FrontRunner Station - South - Salt Lake Central - Salt Lake Central - Interstate 80 - Aliport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - South - Salt Lake - Salt Lake Central -   | Antelope Drive Park                   | -And-Ride                        |  |                              |
| North Redwood (First of Two Phases)           East Bountiful - West Bountiful - Woods Cross FrontRumer Station - N. Salt Lake - North Temple - Downtown Salt Lake<br>Enhanced Bus (BRTI)         Enhanced Bus (BRTI)         500 S./Redwood Rd         500 S./Redwood Rd           Enhanced Bus (BRTI)         Enhanced Bus (BRTI)         500 S. Redwood Rd         2800 S. Redwood Rd           Salt Lake City - Foothill Drive - Wasatch Drive (Second of Three Phases)         Salt Lake Contral - Salt Lake City - University of Utah - Medical Center - Research Park - Parley's Caryon - Interstate 215 - Cutatrowood Corporate Center - Big Cottomovod Caryon - Little Cottomwood Caryon - Little Cottomwood Caryon - Interstate 215 - Cutatrowood Corporate Center - Big Cottomovod Caryon - Interstate 215 - Cutatrowood Corporate Center - Big Cottomovod Caryon - University of Usa Rapid Transit         Salt Lake Central         200 S /200 East           Bus Rapid Transit         Bus Rapid Transit         New Rd/Wakara Way         Arapeen DirChipeta Way           Bus Rapid Transit         Bus Rapid Transit         New Rd/Wakara Way         Karpeen DirChipeta Way           Salt Lake Control - Caryon - Subt Salt Cake - Millcreek - Murray FrontRumer Station - Midvale - Sandy/South Jordan FrontRumer Station         S00 S //State St           Bus Rapid Transit         Bus Rapid Transit         Interstate 80         Winchester St           Redwood (Second of Three Phases)         South Salt Lake Central         South Salt Lake Central           Downtown Salt Lake - Salt Lake Central         Interstate 80   | Antelope Dr/US-89                     |                                  |  |                              |
| East Bountiful - West Bountiful - Woods Cross FrontRunner Station - N. Salt Lake - North Temple - Downtown Salt Lake         Enhanced Bus (BRT)       Enhanced Bus (BRT)       500 S./Pechwood Rd       2600 S. Redwood Rd         Enhanced Bus (BRT)       Enhanced Bus (BRT)       2600 S. Redwood Rd       Salt Lake Currls - Enhanced Bus (BRT)       2600 S. Redwood Rd         Salt Lake City - Foorthill Drive - Wasatch Drive (Second of Three Phases)       Salt Lake City - Linversity of Uteh - Medical Center - Research Park - Parley's Canyon - Interstate 215 - Cottonwood Canyon - Little Cottonwood Canyon       200 S./200 East         Bus Rapid Transit       Bus Rapid Transit       Salt Lake Citrai       200 S./200 East         Bus Rapid Transit       Bus Rapid Transit       Salt Lake Citrai       200 S./200 East         Bus Rapid Transit       Bus Rapid Transit       Salt Lake Citrai       200 S./200 East         Bus Rapid Transit       Bus Rapid Transit       Contrain Canyon - Little Cottonwood Canyon       E00 S./200 East         Salt Lake Contrai - Capitol - South Salt Lake - Milkreek - Murary FrontRunner Station - Midvale - Sandy/South Jordan FrontRunner Station       Pronter Phases         Salt Lake Contrai - Capitol - South Salt Lake - Milkreek - Murary FrontRunner Station - Midvale - Sandy/South Jordan FrontRunner Station       Enhanced Bus (RTI)       Enhanced Bus (RTI)         Bus Rapid Transit       Bus Rapid Transit       SR Coll South Salt Lake Contrai - Enhanced Bus (RTI)       Enha   | Park-and -Ride                        | Park-and-Ride                    |  |                              |
| Enhanced Bus (BRT) Enhanced Bus (BRT) 500 S/JOrchard Dr. 500 S/Redwood Rd<br>Enhanced Bus (BRT) Enhanced Bus (BRT) 500 S/Redwood Rd Salt Lake County Line<br>Salt Lake Chity - Foothill Drive - Wasatch Drive (Second of Three Phases)<br>Salt Lake Chity - Iniversity of Ulah - Medical Center - Research Park - Parky S canyon - Interstate 215 -<br>Cottonwood Corporate Center - Big Cottonwood Canyon - Little Cottonwood Canyon - Big Rapid Transit Bus Rapid Transit Interstate 80 For Park Staton - Oraper FrontRumer Staton - Midvale - Sandy/South Jordan FrontRumer Staton - Draper FrontRumer Staton Bus Rapid Transit Interstate 80 Winchester St Redwood (Second of Three Phases)<br>Downtown Salt Lake Contral - Interstate 80 - Aliport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRumer Staton Bus Rapid Transit Bus Rapid Transit Staton Bus Rapid Transit Bus Rapid Trans  | North Redwood (First                  | st of Two Phases)                |  |                              |
| Enhanced Bus (BRT) Enhanced Bus (BRT) 500 S/JOrchard Dr. 500 S/Redwood Rd<br>Enhanced Bus (BRT) Enhanced Bus (BRT) 500 S/Redwood Rd Salt Lake County Line<br>Salt Lake Chity - Foothill Drive - Wasatch Drive (Second of Three Phases)<br>Salt Lake Chity - Iniversity of Ulah - Medical Center - Research Park - Parky S canyon - Interstate 215 -<br>Cottonwood Corporate Center - Big Cottonwood Canyon - Little Cottonwood Canyon - Big Rapid Transit Bus Rapid Transit Interstate 80 For Park Staton - Oraper FrontRumer Staton - Midvale - Sandy/South Jordan FrontRumer Staton - Draper FrontRumer Staton Bus Rapid Transit Interstate 80 Winchester St Redwood (Second of Three Phases)<br>Downtown Salt Lake Contral - Interstate 80 - Aliport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRumer Staton Bus Rapid Transit Bus Rapid Transit Staton Bus Rapid Transit Bus Rapid Trans  | East Bountiful - West Boun            | tiful - Woods Cross FrontRun     | ner Station - N. Salt Lake - North Templ | le - Downtown Salt Lake      |
| Enhaned Bus (BRTI) Enhaned Bus (BRTI) 2600 S. Redwood Rd Salt Lake County Line Salt Lake Chity - Foothill Drive - Wasatch Drive (Second of Three Phases) Salt Lake Chit - Salt Lake Chit - University of Utah - Medical Center - Research Park - Parley's Canyon - Interstate 215 - Cottonwood Corporate Center - Big Cottonwood Canyon - Little Cottonwood Canyon Bus Rapid Transit Bus Rapid Transit 200 East/200 S. Medical Dr.Research Rd Bus Rapid Transit Bus Rapid Transit 200 East/200 S. Medical Dr.Research Rd Bus Rapid Transit Bus Rapid Transit 200 East/200 S. Medical Dr.Research Rd Bus Rapid Transit Enhanced Bus (BRTI) Arapeen Dr/Chipeta Way I-B0/I-215/Foothill Dr State (Second of Three Phases) Salt Lake Central - Capido - South Salt Lake - Murray FrontRunner Station - Midvale - Sandy/South Jordan FrontRunner Station - Draper FrontRunner Station FrontRunner Station - Draper FrontRunner Station FrontRunner Station - Draper FrontRunner Station Bus Rapid Transit Bus Rapid Transit Interstate 80 Winchester St Redwood (Second of Three Phases) Downtom Salt Lake - Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRunner Station Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Transit Bus Rapid Transit SR-201 S400 S. Bus Rapid Trans   | Enhanced Bus (BRTI)                   |                                  |  |                              |
| Salt Lake City - Foothill Drive - Wasatch Drive (Second of Three Phases)         Salt Lake City - University of Utah - Medical Center - Research Park - Parle/s Canyon - Interstate 215 - Cottonwood Corporate Center - Big Cottonwood Canyon - Little Cotton - Canyon - Cottonwood Canyon - Little Cottonwood Canyon - Lit  | Enhanced Bus (BRTI)                   | Enhanced Bus (BRTI)              | 500 S./Redwood Rd                        | •                            |
| Salt Lake Cintral - Salt Lake City - University of Utah - Medical Center - Research Park - Parley's Canyon - Interstate 215 - Cottomwood Corgorate Centre - Big Cottomwood Canyon - Utile Canter - Canyon   | Enhanced Bus (BRTI)                   | Enhanced Bus (BRTI)              | 2600 S. Redwood Rd                       | Salt Lake County Line        |
| Salt Lake Cintral - Salt Lake City - University of Utah - Medical Center - Research Park - Parley's Canyon - Interstate 215 - Cottomwood Corgorate Centre - Big Cottomwood Canyon - Little Cottom - C  | Salt Lake City - Foot                 | hill Drive - Wasatch D           | rive (Second of Three Phases)            |                              |
| Bus Rapid Transit       Bus Rapid Transit       Satt Lake Central       200 5/200 East         Bus Rapid Transit       Bus Rapid Transit       200 East/200 S.       Medical Dr/Research Rd         Bus Rapid Transit       Bus Rapid Transit       New Rd/Wakara Way       Arapeen Dr/Chipeta Way         Bus Rapid Transit       Enhanced Bus (BRTI)       Arapeen Dr/Chipeta Way       I-B0/I-215/Foothill Dr         Satta (Second of Three Phases)       Enhanced Bus (BRTI)       200 S/300 W.       600 S/State St       Interstate 80         Bus Rapid Transit       Bus Rapid Transit       600 S/State St       Interstate 80       Winchester St         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.       9000 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.       9000 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.       9000 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.       9000 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.       9000 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.  | Salt Lake Central - Salt Lak          | ke City - University of Utah - I | Medical Center - Research Park - Parley  |                              |
| Bus Rapid Transit Bus Rapid Transit 200 East/200 S. Medical Dr./Research Rd<br>Bus Rapid Transit Bus Rapid Transit New Rd/Wakara Way Arapeen Dr/Chipeta Way Arapeen Dr/Chipeta Way I-80/I-215/Foothill Dr<br>State (Second of Three Phases)<br>Salt Lake Central - Capitol - South Salt Lake - Milkreek - Murray FrontRunner Station - Midvale - Sandy/South Jordan<br>FrontRunner Station - Draper FrontRunner Station<br>Enhanced Bus (BRTI) Enhanced Bus (BRTI) 200 S/300 W. 600 S./State St<br>Interstate 80 Winchester St<br>Bus Rapid Transit Bus Rapid Transit Interstate 80 Winchester St<br>Redwood (Second of Three Phases)<br>Downtown Salt Lake - Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South<br>Jordan - Riverton - Draper FrontRunner Station<br>Downtown Salt Lake - Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South<br>Jordan - Riverton - Draper FrontRunner Station<br>Bus Rapid Transit Bus Rapid Transit SR-201 5400 S.<br>Bus Rapid Transit Bus Rapid Transit S400 S. 9000 S.<br>Bus Rapid Transit Bus Rapid Transit 9000 S. 12600 S.<br>Bus Rapid Transit Bus Rapid Transit 9000 S.<br>Bus Rapid Transit Bus Rapid Transit 9000 S.<br>Bus Rapid Transit Bus Rapid Transit 9000 S.<br>Bus Rapid Transit Bus Rapid Transit 3500 //Redwood Rd 12300 S./Pony Express Rd<br>University to Salt Lake Central<br>Medical Center - University of Utah - Salt Lake Downtown West - Salt Lake Central<br>Light Rail Light Rail A 00 S./Main St Salt Lake Central<br>Light Rail Bus Rapid Transit 3500 W./6000 W.<br>Sus Rapid Transit Bus Rapid Tr |                                       |                                  |  |                              |
| Bus Rapid Transit Bus Rapid Transit New RdWakara Way Arapeen Dr/Chipeta Way Bus Rapid Transit Enhanced Bus (BRTI) Arapeen Dr/Chipeta Way I-Boll-215/Foothill Dr Salt Lake Central - Capitol - South Salt Lake - Murray FrontRunner Station - Midvale - Sandy/South Jordan FrontRunner Station - Draper FrontRunner Station - Midvale - Sandy/South Jordan FrontRunner Station - Draper FrontRunner Station - Draper FrontRunner Station - Midvale - Sandy/South Jordan FrontRunner Station - Draper FrontRunner Station - South Jordan - Riverton - Draper FrontRunner Station - South Jordan - Riverton - Draper FrontRunner Station - South Jordan - Riverton - Draper FrontRunner Station - South South - South Salt Lake - Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - River Station - Draper FrontRunner Station - South Salt Lake - Salt Lake Central - South Salt Lake - Salt Lake Central - South Salt Lake Central - South Salt Lake Central - South Salt Lake Central - 1200 S . South South (Third of Four Phases) - Salt Lake Central - Salt Lake Central - University of Utah - Salt Lake Downtown West - Salt Lake Central - Salt Lake Centra   | •                                     |                                  |  |                              |
| Bus Rapid Transit       Enhanced Bus (BRTI)       Arapeen Dr/Chipeta Way       I-80/I-215/Foothill Dr         Stat Lake Central - Capido:       South Sat Lake A Milcreek - Murray FrontRunner Station - Midvale - Sandy/South Jordan FrontRunner Station       Enhanced Bus (BRTI)       Enhanced Bus (BRTI)       200 S //State St       Interstate 80         Bus Rapid Transit       FontRunner Station         Bus Rapid Transit       Bus Rapid Transit       Interstate 80       Winchester St         Redwood (Second of Three Phases)       Downtown Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRunner Station       Sus Rapid Transit       <   |                                       |                                  |  |                              |
| State (Second of Three Phases)         Salt Lake Central - Capitol - South Salt Lake - Millcreek - Murray FrontRunner Station - Midvale - Sandy/South Jordan FrontRunner Station - Draper FrontRunner Station         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)       200 S /300 W.       600 S /State St         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       600 S /State St         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Winchester St         Redwood (Second of Three Phases)       Winchester St         Downtown Salt Lake - Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRunner Station         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       900 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       900 S.       12600 S.         Bus Rapid Transit       Enhanced Bus (BRTI)       12600 S./Redwood Rd       12300 S/Pony Express Rd         University of Salt Lake Central       Enhanced Bus (BRTI)       12600 S./Main St       Salt Lake Central         Ught Rail       Light Rail       400 S ./Main St       Salt Lake Central         Bus Rapid Transit </td <td></td> <td></td> <td>,</td> <td></td>   |                                       |                                  | ,  |                              |
| Salt Lake Central - Capitol - South Salt Lake - Millcreek - Murray FrontRunner Station - Imper FrontRunner Station       600 S/State St         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)       200 S/300 W.       600 S/State St         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       Interstate 80         Bus Rapid Transit       Bus Rapid Transit       Interstate 80       Winchester St         Redwood (Second of Three Phases)       Downtown Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRunner Station         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S./Pony Express Rd         University to Salt Lake Central       Light Rail       400 S./Main St       Salt Lake Central         Bus Rapid Transit       Light Rail       400 S./Main St       Salt Lake Central         Salt Cake Central       Light Rail       400 S./Main St       Salt Lake Central         Bus Rapid Transit       Bus Rapid Tra  |                                       |                                  |  |                              |
| FrontRunner Station - Draper FrontRunner Station       600 S /State St         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)       200 S //State St         Bus Rapid Transit       Bus Rapid Transit       600 S //State St         Bus Rapid Transit       Bus Rapid Transit       Interstate 80         Winchester St       Winchester St         Redwood (Second of Three Phases)       Downtown Sait Lake - Sait Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRunner Station         Bus Rapid Transit       Bus Rapid Transit       SA-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       S400 S.       9000 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S./Pony Express Rd         University to Salt Lake Central       University of Utah - Salt Lake Downtown West - Salt Lake Central       12300 S./Pony Express Rd         Jaydon/S500 South (Third of Four Phases)       Salt Lake Central       3900/3500 South (Third of Four Phases)         Bus Rapid Transit       Bus Rapid Transit       3500 W./6000 W.       3500 S./Pony Express         Bus Rapid Transit       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Wasatch Dr         Bus Rapid Transit       Enhanced Bus (BRTI)       Billoreek TRAX       3900 S./Wasatch Dr         Taylors   | •                                     |                                  | Murroy Front Pupper Station Michigh      | Sandy/South landon           |
| Enhanced Bus (BRTI)       Enhanced Bus (BRTI)       200 S/300 W.       600 S/State St         Bus Rapid Transit       Bus Rapid Transit       600 S/State St       Interstate 80         Bus Rapid Transit       Bus Rapid Transit       1nterstate 80       Winchester St         Redwood (Second of Three Phases)       Downtown Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South         Jordan - Riveron - Draper FrontRunner Station       Bus Rapid Transit       Bus Rapid Transit       S400 S.         Bus Rapid Transit       Bus Rapid Transit       S400 S.       9000 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S./         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S./         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S./         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S./         Bus Rapid Transit       Bus Rapid Transit       9000 S.//       3200 S./       Salt Lake Central         University to Salt Lake Central         Light Raii       Light Raii       400 S.//       Salt Lake Central         Bus Rapid Transit       Bus Rapid Transit       3500 W./6000 W.       3500 S./9200 W.         Bus Rapid Transit       B   |                                       |                                  | - Murray FrontRunner Station - Midvale   | - Sandy/South Jordan         |
| Bus Rapid Transit       Bus Rapid Transit       Interstate 80         Bus Rapid Transit       Bus Rapid Transit       State Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRunner Station         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Enhanced Bus (BRTI)       12600 S./Redwood Rd       12300 S./Pony Express Rd         University to Salt Lake Central       Medical Center - University of Utah - Salt Lake Downtown West - Salt Lake Central       3900/3500 South (Third of Four Phases)         East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench       Bus Rapid Transit       Bus Rapid Transit       3500 S./9200 W.         Bus Rapid Transit       Enhanced Bus (BRTI)       Bus Rapid Transit       Bus Rapid Transit       3900 S./Wasatch Dr         Taylorsvil  |                                       |                                  | 200 S./300 W.                            | 600 S /State St              |
| Bus Rapid Transit       Bus Rapid Transit       Interstate 80       Winchester St         Redwood (Second of Three Phases)       Jowntown Sait Lake - Sait Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South Jordan - Riverton - Draper FrontRunner Station         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       SR-201       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Enhanced Bus (BRTI)       12600 S./Redwood Rd       12300 S./Pony Express Rd         University to Salt Lake Central       Light Raii       400 S./Main St       Salt Lake Central         3900/3500 South (Third of Four Phases)       East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench       Bus Rapid Transit       Bus Rapid Transit       3500 S./Yeoy W.         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       3500 S./Yeoy W.       3900 S./Wasatch Dr         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Wasatch Dr         Taylorsville Murray, Holladay Extension       Downtown Murray - Holladay - Wasatch Drive       Sent Lake Central         Downtown Mu   |                                       |                                  |  |                              |
| Downtown Salt Lake - Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South<br>Jordan - Riverton - Draper FrontRunner Station         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Enhanced Bus (BRTI)       12600 S./Redwood Rd       12300 S./Pony Express Rd         University to Salt Lake Central         Light Rail       Light Rail       400 S./Main St       Salt Lake Central         Salt Lake Central         Source So   | Bus Rapid Transit                     | Bus Rapid Transit                | Interstate 80                            | Winchester St                |
| Downtown Salt Lake - Salt Lake Central - Interstate 80 - Airport East Hub - West Valley - Taylorsville - West Jordan - South<br>Jordan - Riverton - Draper FrontRunner Station         Bus Rapid Transit       Bus Rapid Transit       SR-201       5400 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Enhanced Bus (BRTI)       12600 S./Redwood Rd       12300 S./Pony Express Rd         University to Salt Lake Central         Medical Center - University of Utah - Salt Lake Downtown West - Salt Lake Central       3900 S./Main St       Salt Lake Central         Salt Cake Central Medical Center - University of Utah - Salt Lake Owntown West - Salt Lake Central         Bus Rapid Transit       S300 V./G000 W.       3500 S./9200 W.         Bus Rapid Transit       Bus Rapid Transit       S300 V./G000 W.       3500 S./9200 W.         Bus Rapid Transit       Bus Rapid Transit       S300 V./G000 W.       3500 S./9200 W.         Bus Rapid Transit   | Redwood (Second o                     | f Three Phases)                  |  |                              |
| Jordan - Riverton - Draper FrontRunner Station Bus Rapid Transit B   |                                       |                                  | Airport East Hub - West Valley - Taylors | sville - West Jordan - South |
| Bus Rapid Transit       Bus Rapid Transit       5400 S.       9000 S.         Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Enhanced Bus (BRTI)       12600 S./Redwood Rd       12300 S./Pony Express Rd         University to Salt Lake Central       Medical Center - University of Utah - Salt Lake Downtown West - Salt Lake Central       12300 S./Pony Express Rd         University to Salt Lake Central       Light Rail       400 S./Main St       Salt Lake Central         3900/3500 South (Third of Four Phases)       East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench       Bus Rapid Transit       Bus Rapid Transit       3500 S./9200 W.         Bus Rapid Transit       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Highland Dr         Bus Rapid Transit       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Wasatch Dr         Taylorsville Murray, Holladay Extension       Downtown Murray - Holladay - Wasatch Drive       1000000000000000000000000000000000000   |                                       |                                  | , , , ,                                  |                              |
| Bus Rapid Transit       Bus Rapid Transit       9000 S.       12600 S.         Bus Rapid Transit       Enhanced Bus (BRTI)       12600 S./Redwood Rd       12300 S./Pony Express Rd         University to Salt Lake Central       Medical Center - University of Utah - Salt Lake Downtown West - Salt Lake Central       12300 S./Pony Express Rd         Light Rail       Light Rail       400 S./Main St       Salt Lake Central         3900/3500 South (Third of Four Phases)       East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench         Bus Rapid Transit       Bus Rapid Transit       3500 W./6000 W.       3500 S./9200 W.         Bus Rapid Transit       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Wasatch Dr         Bus Rapid Transit       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Wasatch Dr         Taylorsville Murray, Holladay Extension       Downtown Murray - Holladay - Wasatch Drive       3900 S./Wasatch Dr         Downtown Murray - Holladay - Wasatch Drive       Box Elder St/4800 S.       3900 S./Wasatch Dr         Taylorsville Murray Central Segment (Second of Two Phases)       Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood Campus         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit <td>Bus Rapid Transit</td> <td></td> <td>4</td> <td></td>   | Bus Rapid Transit                     |                                  | 4  |                              |
| Bus Rapid Transit       Enhanced Bus (BRTI)       12600 S./Redwood Rd       12300 S./Pony Express Rd         University to Salt Lake Central         Medical Center - University of Utah - Salt Lake Downtown West - Salt Lake Central         Light Rail       Light Rail       400 S./Main St       Salt Lake Central         3900/3500 South (Third of Four Phases)         East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench         Bus Rapid Transit       By Rapid Transit       3500 W./6000 W.         Bus Rapid Transit       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Highland Dr         Bus Rapid Transit       Enhanced Bus (BRTI)       3900 S./Highland Dr       3900 S./Wasatch Dr         Taylorsville Murray, Holladay Extension       Downtown Murray - Holladay - Wasatch Drive       3900 S./Wasatch Dr         Downtown Murray - Holladay - Wasatch Drive       Salt Lake Campus         Bus Rapid Transit       Box Elder St/4800 S.       3900 S./Wasatch Dr         Taylorsville Murray FontRunner Station - Sorensen Research Park - SLCC Redwood Campus       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.  |                                       |                                  |  |                              |
| University to Salt Lake Central         Medical Center - University of Utah - Salt Lake Downtown West - Salt Lake Central         Light Rail       Light Rail       400 S./Main St       Salt Lake Central         3900/3500 South (Third of Four Phases)         East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench         Bus Rapid Transit       Bus Rapid Transit       Bus Rapid Transit       3500 S./9200 W.         Bus Rapid Transit       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Highland Dr         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)       3900 S./Highland Dr       3900 S./Wasatch Dr         Taylorsville Murray, Holladay Extension         Downtown Murray - Holladay - Wasatch Drive       Enhanced Bus (BRTI)       Box Elder St/4800 S.       3900 S./Wasatch Dr         Taylorsville Murray Central Segment (Second of Two Phases)       Downtown Murray - Muray FrontRunner Station - Sorensen Research Park - SLCC Redwood Campus         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Murray-Taylorsville Rd/500 W.       Murray-Taylorsville Rd/500 W.         Salt Lake Community College Redwood Campus   |                                       | · · · ·                          |  |                              |
| Medical Center - University of Utah - Salt Lake Downtown West - Salt Lake Central         Light Rail       Light Rail       400 S./Main St       Salt Lake Central <b>3900/3500 South (Third of Four Phases)</b> East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench         Bus Rapid Transit       Bus Rapid Transit       3500 W./6000 W.       3500 S./9200 W.         Bus Rapid Transit       Enhanced Bus (BRTI)       Millcreek TRAX       3900 S./Highland Dr         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)       3900 S./Highland Dr       3900 S./Wasatch Dr <b>Taylorsville Murray, Holladay Extension</b> Downtown Murray - Holladay - Wasatch Drive  |                                       |                                  | 12600 S./Redwood Rd                      | 12300 S./Pony Express Rd     |
| Light RailLight Rail400 S./Main StSalt Lake Central3900/3500 South (Third of Four Phases)East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West BenchBus Rapid TransitBus Rapid Transit3500 W./6000 W.Bus Rapid TransitEnhanced Bus (BRTI)Millcreek TRAXBus Rapid TransitEnhanced Bus (BRTI)Millcreek TRAXSolo S./Highland Dr3900 S./Highland DrEnhanced Bus (BRTI)Enhanced Bus (BRTI)3900 S./Highland DrTaylorsville Murray, Holladay Extension3900 S./Wasatch DrDowntown Murray - Holladay - Wasatch DriveEnhanced Bus (BRTI)Enhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DriveSator Sugart State   | University to Salt La                 | ke Central                       |  |                              |
| 3900/3500 South (Third of Four Phases)         East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench         Bus Rapid Transit       Bus Rapid Transit         Bus Rapid Transit       Bus Rapid Transit         Bus Rapid Transit       Enhanced Bus (BRTI)         Millcreek TRAX       3900 S./Highland Dr         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)         Synon Murray - Holladay Extension       3900 S./Highland Dr         Downtown Murray - Holladay - Wasatch Drive       Enhanced Bus (BRTI)         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)         Box Elder St/4800 S.       3900 S./Wasatch Dr         Taylorsville Murray Central Segment (Second of Two Phases)       Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood Campus         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.  |                                       |                                  |  |                              |
| East Millcreek - Holladay - Millcreek - South Salt Lake - West Valley West Bench         Bus Rapid Transit       Bus Rapid Transit         Bus Rapid Transit       Enhanced Bus (BRTI)         Millcreek TRAX       3900 S./Highland Dr         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)         Standard Transit       Enhanced Bus (BRTI)         Downtown Murray - Holladay - Wasatch Drive       Enhanced Bus (BRTI)         Enhanced Bus (BRTI)       Enhanced Bus (BRTI)         Box Elder St/4800 S.       3900 S./Wasatch Dr         Taylorsville Murray Central Segment (Second of Two Phases)       Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood Campus         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Murray-Taylorsville Rd/500 W.       Murray-Taylorsville/Redwood         Salt Lake Community College Redwood Campus - Ameri  | v                                     | 1 0                              | 400 S./Main St                           | Salt Lake Central            |
| Bus Rapid TransitBus Rapid Transit3500 W./6000 W.3500 S./9200 W.Bus Rapid TransitEnhanced Bus (BRTI)Millcreek TRAX3900 S./Highland DrEnhanced Bus (BRTI)Enhanced Bus (BRTI)3900 S./Highland Dr3900 S./Wasatch DrTaylorsville Murray, Holladay ExtensionDowntown Murray - Holladay - Wasatch DriveEnhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrTaylorsville Murray - Holladay - Wasatch DriveEnhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrDowntown Murray - Holladay - Wasatch DriveDowntown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood CampusBus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville/RedwoodSalt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood Rd4400 S./Constitution5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West BenchS400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St   | 3900/3500 South (Th                   | ird of Four Phases)              |  |                              |
| Bus Rapid TransitBus Rapid Transit3500 W./6000 W.3500 S./9200 W.Bus Rapid TransitEnhanced Bus (BRTI)Millcreek TRAX3900 S./Highland DrEnhanced Bus (BRTI)Enhanced Bus (BRTI)3900 S./Highland Dr3900 S./Wasatch DrTaylorsville Murray, Holladay ExtensionDowntown Murray - Holladay - Wasatch DriveEnhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrTaylorsville Murray - Holladay - Wasatch DriveEnhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrDowntown Murray - Holladay - Wasatch DriveDowntown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood CampusBus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville/RedwoodSalt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood Rd4400 S./Constitution5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West BenchSus Rapid TransitBus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St <t< td=""><td>East Millcreek - Holladav -</td><td>Millcreek - South Salt Lake -</td><td>West Vallev West Bench</td><td></td></t<>   | East Millcreek - Holladav -           | Millcreek - South Salt Lake -    | West Vallev West Bench                   |                              |
| Bus Rapid TransitEnhanced Bus (BRTI)Millcreek TRAX3900 S./Highland DrEnhanced Bus (BRTI)Enhanced Bus (BRTI)3900 S./Highland Dr3900 S./Wasatch DrTaylorsville Murray, Holladay ExtensionDowntown Murray - Holladay - Wasatch DriveEnhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrEnhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrTaylorsville Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood CampusBus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville Rd/500 W.Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood Rd4400 S./Constitution5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West BenchBus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./7200 W.  | Bus Rapid Transit                     |                                  | 1  | 3500 S./9200 W.              |
| Taylorsville Murray, Holladay ExtensionDowntown Murray - Holladay - Wasatch DriveEnhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrTaylorsville Murray Central Segment (Second of Two Phases)Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood CampusBus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville/RedwoodSalt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid Transit4500 S./Redwood Rd4400 S./Constitution5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West BenchBus Rapid Transit5400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitBus Rapid Transit5400 S./6400 W.5400 S./7200 W.   | Bus Rapid Transit                     |                                  |  |                              |
| Downtown Murray - Holladay - Wasatch DriveBox Elder St/4800 S.3900 S./Wasatch DrEnhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch Dr <b>Taylorsville Murray Central Segment (Second of Two Phases)</b> Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood CampusBus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood Rd5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West BenchBus Rapid TransitEnhanced Bus (BRTI)Bus Rapid TransitS400 S./6400 W.Bus Rapid TransitS400 S./6400 W.   | Enhanced Bus (BRTI)                   | Enhanced Bus (BRTI)              | 3900 S./Highland Dr                      | 3900 S./Wasatch Dr           |
| Enhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrTaylorsville Murray Central Segment (Second of Two Phases)Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood CampusBus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville/RedwoodTaylorsville Murray West Valley Extension (Second of Two Phases)Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood Rd4400 S./Constitution5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West Bench5400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.   | Taylorsville Murray,                  | Holladay Extension               |  |                              |
| Enhanced Bus (BRTI)Enhanced Bus (BRTI)Box Elder St/4800 S.3900 S./Wasatch DrTaylorsville Murray Central Segment (Second of Two Phases)Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood CampusBus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville/RedwoodTaylorsville Murray West Valley Extension (Second of Two Phases)Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood Rd4400 S./Constitution5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West Bench5400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.   | Downtown Murray - Hollad              | av - Wasatch Drive               |  |                              |
| Taylorsville Murray Central Segment (Second of Two Phases)Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood CampusBus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville Rd/500 W.Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood RdS400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West BenchBus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine StBus Rapid TransitS400 S./6400 W.5400 S./6400 W.   |                                       |                                  | Box Elder St/4800 S.                     | 3900 S./Wasatch Dr           |
| Downtown Murray - Murray FrontRunner Station - Sorensen Research Park - SLCC Redwood Campus         Bus Rapid Transit       Bus Rapid Transit       Box Elder St/4800 S.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Murray-Taylorsville Rd/500 W.       Murray-Taylorsville Rd/500 W.         Bus Rapid Transit       Bus Rapid Transit       Murray-Taylorsville Rd/500 W.       Murray-Taylorsville Rd/500 W.         Taylorsville Murray West Valley Extension (Second of Two Phases)       Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal Center         Bus Rapid Transit       Bus Rapid Transit       4500 S./Redwood Rd       4400 S./Constitution         5400 South (First of Two Phases)       Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West Bench       Bus Rapid Transit         Bus Rapid Transit       Enhanced Bus (BRTI)       Murray Boulevard/Vine St       5400 S./6400 W.         Bus Rapid Transit       Enhanced Bus (BRTI)       Murray Boulevard/Vine St       5400 S./7200 W.  |                                       |                                  |  |                              |
| Bus Rapid TransitBus Rapid TransitBox Elder St/4800 S.Murray-Taylorsville Rd/500 W.Bus Rapid TransitBus Rapid TransitMurray-Taylorsville Rd/500 W.Murray-Taylorsville/RedwoodTaylorsville Murray West Valley Extension (Second of Two Phases)Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood Rd4400 S./Constitution5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West BenchBus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitBus Rapid Transit5400 S./6400 W.5400 S./7200 W.  | •                                     |                                  |  | <b>.</b>                     |
| Bus Rapid Transit       Bus Rapid Transit       Murray-Taylorsville Rd/500 W.       Murray-Taylorsville/Redwood         Taylorsville Murray West Valley Extension (Second of Two Phases)       Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal Center         Bus Rapid Transit       Bus Rapid Transit       4500 S./Redwood Rd       4400 S./Constitution         5400 South (First of Two Phases)       Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West Bench       Sus Rapid Transit       Enhanced Bus (BRTI)         Bus Rapid Transit       Enhanced Bus (BRTI)       Murray Boulevard/Vine St       5400 S./6400 W.         Bus Rapid Transit       Enhanced Bus (BRTI)       Murray Boulevard/Vine St       5400 S./7200 W.   |                                       |                                  |  |                              |
| Taylorsville Murray West Valley Extension (Second of Two Phases)Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal CenterBus Rapid TransitBus Rapid Transit4500 S./Redwood Rd4400 S./Constitution5400 South (First of Two Phases)Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West BenchBus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitBus Rapid Transit5400 S./6400 W.5400 S./7200 W.   |                                       |                                  |  |                              |
| Salt Lake Community College Redwood Campus - American Express - West Valley Intermodal Center         Bus Rapid Transit       Bus Rapid Transit         4500 S./Redwood Rd       4400 S./Constitution         5400 South (First of Two Phases)         Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West Bench         Bus Rapid Transit       Enhanced Bus (BRTI)         Murray Boulevard/Vine St       5400 S./6400 W.         Bus Rapid Transit       Bus Rapid Transit       5400 S./6400 W.   |                                       |                                  |  |                              |
| Bus Rapid Transit       4500 S./Redwood Rd       4400 S./Constitution         5400 South (First of Two Phases)       - Taylorsville - Kearns - USANA Amphitheater - West Bench         Bus Rapid Transit       Enhanced Bus (BRTI)       Murray Boulevard/Vine St       5400 S./6400 W.         Bus Rapid Transit       Bus Rapid Transit       5400 S./6400 W.       5400 S./7200 W.  | • •                                   | -                                |  |                              |
| 5400 South (First of Two Phases)         Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West Bench         Bus Rapid Transit       Enhanced Bus (BRTI)         Murray Boulevard/Vine St       5400 S./6400 W.         Bus Rapid Transit       Bus Rapid Transit       5400 S./6400 W.   | · · · · · · · · · · · · · · · · · · · |                                  |  |                              |
| Murray FrontRunner Station - Taylorsville - Kearns - USANA Amphitheater - West Bench         Bus Rapid Transit       Enhanced Bus (BRTI)       Murray Boulevard/Vine St       5400 S./6400 W.         Bus Rapid Transit       Bus Rapid Transit       5400 S./6400 W.       5400 S./7200 W.  |                                       | · · ·                            | 4500 S./Redwood Rd                       | 4400 S./Constitution         |
| Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitBus Rapid Transit5400 S./6400 W.5400 S./7200 W.  | 5400 South (First of                  | Two Phases)                      |  |                              |
| Bus Rapid TransitEnhanced Bus (BRTI)Murray Boulevard/Vine St5400 S./6400 W.Bus Rapid TransitBus Rapid Transit5400 S./6400 W.5400 S./7200 W.  | Murray FrontRunner Statio             | n - Taylorsville - Kearns - US   | ANA Amphitheater - West Bench            |                              |
|  | Bus Rapid Transit                     | Enhanced Bus (BRTI)              | Murray Boulevard/Vine St                 | 5400 S./6400 W.              |
| 7000 South/7800 South (First of Two Phases)  | Bus Rapid Transit                     | Bus Rapid Transit                | 5400 S./6400 W.                          | 5400 S./7200 W.              |
|  | 7000 South/7800 Sou                   | uth (First of Two Phas           | es)                                      |                              |
| Murray FrontRunner Station - Bingham Junction - Jordan Landing - West Bench  | Murray FrontRunner Statio             | n - Bingham Junction - Jorda     | n Landing - West Bench                   |                              |

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| PROJECT  |   | LOCATION   |                                  |  |  |  |
|--|---|--|----------------------------------|--|--|--|
| Needed Mode  | Funded Mode   | From   | То                               |  |  |  |
| Enhanced Bus (BRTI)  | Corridor Preservation   | State St/7200 S.   | Redwood Rd/7000 S.               |  |  |  |
| Enhanced Bus (BRTI)  | Corridor Preservation   | Redwood Rd/7000 S.   | Bangerter Highway/7000 S.        |  |  |  |
| 12300/12600 South (F   | First of Three Phases)  |  |                                  |  |  |  |
| Draper TRAX Station - Drap   |   | erton - Herriman - Daybreak TRAX Stat  | ion                              |  |  |  |
| Bus Rapid Transit  | Enhanced Bus (BRTI)   | Daybreak S. TRAX   | Redwood Rd/12600 S.              |  |  |  |
| Bus Rapid Transit  | Enhanced Bus (BRTI)   | 700 East   | Draper TRAX                      |  |  |  |
| Bus Rapid Transit  | Enhanced Bus (BRTI)   | 700 East   | Pony Express Rd                  |  |  |  |
| Bus Rapid Transit  | Corridor Preservation   | 700 East   | Pony Express Rd                  |  |  |  |
| Salt Lake Downtown   | Bus Transit Center  |  |                                  |  |  |  |
| 200 South ./ State Street  |   |  |                                  |  |  |  |
| Transit Hub  | Transit Hub   | 200 S./State St  |                                  |  |  |  |
| East Airport Transit I   | Hub   |  |                                  |  |  |  |
| 1950 West Redwood Road   | Airport TRAX Line Station   |  |                                  |  |  |  |
| Transit Hub  | Transit Hub   | 1950 W. Redwood Rd   |                                  |  |  |  |
| Interstate-80 Transit  | Only Ramps  |  |                                  |  |  |  |
| About 900 West / Interstate  | 980   |  |                                  |  |  |  |
| Transit Only Ramps   | Transit Only Ramps  | Near 900 W. and 200 S.   |                                  |  |  |  |
| Phase 3  |   |  |                                  |  |  |  |
| Pleasant View – Brig   | ham City  |  |                                  |  |  |  |
| Downtown Ogden - Box Ela   | -   |  |                                  |  |  |  |
| Mode Undetermined  | Corridor Preservation   | Pleasant View FrontRunner  | Box Elder County Line            |  |  |  |
|  | vis (Second of Two P  |  |                                  |  |  |  |
|  |   | Riverdale - Roy FrontRunner Station -  | West Haven - Clinton - West      |  |  |  |
|  | d - Hill Air Force Base - Layto                                   |  |                                  |  |  |  |
| Enhanced Bus (BRTI)  | Enhanced Bus (BRTI)   | 4400 S./UP-HAFB Rail Line  | 3500 W./Midland Dr               |  |  |  |
| Enhanced Bus (BRTI)  | Enhanced Bus (BRTI)   | 2000 W./Antelope Dr  | Hill Field Rd/Main St.           |  |  |  |
| Ogden Circulator   |   |  |                                  |  |  |  |
| Ogden Intermodal Center -  | Downtown Oaden  |  |                                  |  |  |  |
| Mode Undetermined  | Streetcar   | 25th/Washington  | 20th/Lincoln                     |  |  |  |
| Mode Undetermined  | Streetcar   | 20th/Lincoln   | 20th/Washington                  |  |  |  |
| Mode Undetermined  | Streetcar   | 20th/Washington  | 23rd/Washington                  |  |  |  |
| North Ogden – Salt L   | ake (Third of Three Pl.   | hases)   |                                  |  |  |  |
| Clinton - West Point - Syrac<br>Centerville - Bountiful - Woo                      | use - Clearfield - Hill Air Forc<br>ods Cross - North Salt Lake - | Newgate Mall - Riverdale - Roy FrontR<br>e Base - Layton FrontRunner Station - I<br>Salt Lake Central - Downtown Salt Lake | Farmington FrontRunner Station - |  |  |  |
| Bus Rapid Transit  | Bus Rapid Transit   | Washington Boulevard/36th St   | 4400 S./UP-HAFB ROW              |  |  |  |
| Bus Rapid Transit  | Bus Rapid Transit   | Clearfield FrontRunner   | Farmington FrontRunner           |  |  |  |
| North Redwood (Sec   | ond of Two Phases)  |  |                                  |  |  |  |
|  |   | ner Station - North Salt Lake - North Ter  | nple - Downtown Salt Lake        |  |  |  |
| Enhanced Bus (BRTI)  | Enhanced Bus (BRTI)   | Davis County Line  | N. Temple/Redwood Rd             |  |  |  |
|  | hill Drive - Wasatch Dr   |  |                                  |  |  |  |
|  | e City - University of Utah - N<br>ter - Big Cottonwood Canyon    | ledical Center - Research Park - Parley'<br>- Little Cottonwood Canvon   | s Canyon - Interstate 215 -      |  |  |  |
| Bus Rapid Transit  | Bus Rapid Transit   | Arapeen Dr/Chipeta Way   | I-80/I-215/Foothill Dr.          |  |  |  |
| Bus Rapid Transit  | Bus Rapid Transit   | I-215 Ramp/3300 S.   | I-215 Ramp/3900 S.               |  |  |  |
| Mode Undetermined  | Bus Rapid Transit   | 6200 S./Interstate 215   | Little Cottonwood Canyon         |  |  |  |
| <b>1300 East (North)</b><br>Medical Center - University<br>Fashion Place West TRAX | 0   | reek - Holladay - Murray - Fort Union - (  | Cottonwood Heights – Midvale -   |  |  |  |
| Bus Rapid Transit  | Enhanced Bus (BRTI)   | 1300 East/200 S.   | Ft Union Boulevard/Union Park    |  |  |  |
| 1300 East (South)  |   |  |                                  |  |  |  |
|  |   | Station - Midvale - Fort Union - Cotton  | · · ·                            |  |  |  |
| Bus Rapid Transit  | Bus Rapid Transit   | Ft Union Boulevard/Union Park Av   | 1000 East Pioneer Rd             |  |  |  |
| 700 East   |   |  |                                  |  |  |  |

| PROJECT   |  |   | ATION                                   |
|---|--|---|---|
| Needed Mode   | Funded Mode                              | From                                    | То                                      |
|   |  | - Holladay - Cottonwood Heights - Fo    |   |
| Bus Rapid Transit                                   | Bus Rapid Transit                        | 200 S./200 East                         | Highland/Ft Union Boulevard             |
| State (Third of Thre                                |  |   |   |
| Salt Lake Central - Capito                          | ol - South Salt Lake - Millcreek         | - Murray FrontRunner Station - Midva    | ale - Sandy/South Jordan                |
|   | aper FrontRunner Station                 |   |   |
| Bus Rapid Transit                                   | Bus Rapid Transit                        | 9000 S.                                 | Draper FrontRunner                      |
| Draper South Segn                                   | nent                                     |   |   |
| Salt Lake Central - South                           | Salt Lake - Millcreek - Murray           | FrontRunner Station - Midvale - Sand    | ly - Draper - Utah County Line          |
| Light Rail  | Light Rail                               | Draper TRAX                             | 14600 S./Interstate 15                  |
| ₋ight Rail  | Light Rail                               | 14600 S./Interstate 15                  | Utah County Line                        |
| Redwood (Third of                                   | Three Phases)                            |   |   |
|   |  | - Airport East Hub - West Valley - Tay  | lorsville - West Jordan - South         |
| Jordan - Riverton - Drape                           |  |   |   |
| Bus Rapid Transit                                   | Bus Rapid Transit                        | 200 S./600 W.                           | Transit Ramp to I-80                    |
| Bus Rapid Transit                                   | Bus Rapid Transit                        | I-80/Redwood Rd                         | East Airport Hub                        |
| Bus Rapid Transit Bus Rapid Transit                 | Bus Rapid Transit<br>Bus Rapid Transit   | I-80/Redwood Rd<br>12600 S./Redwood Rd  | SR-201/Redwood Rd<br>12300S/Pony Exp Rd |
| •   | · · ·                                    |   |   |
| 5600 West (Second                                   |  | Almont Foot Link July 10                |   |
| Downtown Salt Lake - Sa<br>Jordan - Daybreak Statio |  | - Airport East Hub - International Cent | er - west valley - Kearns - West        |
| Rail/Bus Rapid Transit                              | Bus Rapid Transit                        | East Airport Hub                        | N. Temple/I-80                          |
| Rail/Bus Rapid Transit                              | Bus Rapid Transit                        | I-80/Wright Brothers Dr                 | 2700 S./5600 W.                         |
| Rail/Bus Rapid Transit                              | Bus Rapid Transit                        | 6200 S./5600 W.                         | 11800 S.                                |
| Sugarhouse, Westr                                   |  |   |   |
| •   | •  |   |   |
|   | Igarhouse – South Salt Lake –            |   |   |
| Streetcar   | Streetcar                                | Highland Dr/Sugarmont Dr                | 1700 S./1100 East                       |
| Parkway   |  |   |   |
| Downtown Salt Lake - Sa                             | lt Lake Central - Interstate 80          | - Airport East Hub - Decker Lake - Lak  | ke Park - West Valley City – Kearl      |
| Bus Rapid Transit                                   | Bus Rapid Transit                        | Redwood Rd/Parkway Boulevard            | 5600 W./Parkway Boulevard               |
| 3900/3500 South (F                                  | orth of Four Phases)                     |   |   |
| Fast Millcreek - Holladay                           | - Millcreek - South Salt Lake -          | West Valley West Bench                  |   |
| Enhanced Bus (BRTI)                                 | Enhanced Bus (BRTI)                      | 9200 W./3500 S.                         | Little Valley                           |
| Bus Rapid Transit                                   | Bus Rapid Transit                        | 3500 S./Constitution Boulevard          | 3500 S./Redwood Rd                      |
| Bus Rapid Transit                                   | Bus Rapid Transit                        | 3500 S./Redwood Rd                      | Millcreek TRAX                          |
| Bus Rapid Transit                                   | Bus Rapid Transit                        | Millcreek TRAX                          | 3900 S./Highland Dr                     |
| 5400 South (Secon                                   | · · ·                                    |   | -                                       |
| •   |  | ANIA Amphilheater Missi Devel           |   |
|   | Bus Rapid Transit                        | ANA Amphitheater - West Bench           | 7200 W                                  |
| Bus Rapid Transit<br>Enhanced Bus (BRTI)            | Enhanced Bus (BRTI)                      | Murray Boulevard/Vine St<br>7200 W.     | 7200 W.<br>8400 W.                      |
|   |  | 1200 W.                                 |   |
| Fort Union  |  |   |   |
| · ,   |  | er - Fort Union - Midvale - Fashion Pla |   |
| Mode Undetermined                                   | Bus Rapid Transit                        | State St/Fort Union Boulevard           | Little Cottonwood Canyon                |
| 7000 South/7800 So                                  | outh (Second of Two P                    | hases)                                  |   |
| Murray FrontRunner Stat                             | ion - Bingham Junction - Jorda           | n Landing - West Bench                  |   |
| Enhanced Bus (BRTI)                                 | Enhanced Bus (BRTI)                      | State St/7200 S.                        | Redwood Rd/7000 S.                      |
| Enhanced Bus (BRTI)                                 | Enhanced Bus (BRTI)                      | Redwood Rd/7000 S.                      | Bangerter Highway/7000 S.               |
| Enhanced Bus (BRTI)                                 | Enhanced Bus (BRTI)                      | Bangerter Highway/7000 S.               | 8400 W./7800 S.                         |
| 9000 South  | , ,                                      |   |   |
|   |  |   |   |
|   | tRunner Station - Mid-Jordan             | 1RAX Station<br>9000 S./State St        | 0000 S /Padward Dd                      |
| Bus Rapid Transit<br>Enhanced Bus (BRTI)            | Bus Rapid Transit<br>Enhanced Bus (BRTI) | 9000 S./Redwood Rd                      | 9000 S./Redwood Rd<br>Mid-Jordan TRAX   |
|   |  |   |   |
| 9400 South  |  |   |   |
|   |  | uth Jordan FrontRunner Station          |   |
| Mode Undetermined                                   | Bus Rapid Transit                        | 9400 S./State St                        | Little Cottonwood Canyon                |

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| PROJECT                   |                                | LOCATION                               |                     |  |  |  |  |
|---------------------------|--------------------------------|--|---------------------|--|--|--|--|
| Needed Mode               | Funded Mode                    | From                                   | То                  |  |  |  |  |
| 10200/10400 South         |                                |  |                     |  |  |  |  |
| South Jordan FrontRunner  | Station - Daybreak TRAX Sta    | tion                                   |                     |  |  |  |  |
| Enhanced Bus (BRTI)       | Enhanced Bus (BRTI)            | Jordan Gateway/S Jordan Parkway        | Daybreak North TRAX |  |  |  |  |
| 12300/12600 South (1      | Third of Three Phases          |  |                     |  |  |  |  |
|                           | per FrontRunner Station - Rive | erton - Herriman - Daybreak TRAX Stati | on                  |  |  |  |  |
| Bus Rapid Transit         | Bus Rapid Transit              | Daybreak S. TRAX                       | Redwood Rd/12600 S. |  |  |  |  |
| Bus Rapid Transit         | Bus Rapid Transit              | 700 East                               | Draper TRAX         |  |  |  |  |
| 5400 South Redwood        | Rd Park-And-Ride               |  |                     |  |  |  |  |
| 5400 South/Redwood Rd     |                                |  |                     |  |  |  |  |
| Park- and-Ride            | Park-and-Ride                  | 5400 S./Redwood Rd                     |                     |  |  |  |  |
| 3100 South/5600 Wes       | st Park-And-Ride               |  |                     |  |  |  |  |
| 3100 South/5600 West      |                                |  |                     |  |  |  |  |
| Park-and-Ride             | Park-and-Ride                  | 3100 S./5600 W.                        |                     |  |  |  |  |
| 6200 South/5600 Wes       | st Park-And-Ride               |  |                     |  |  |  |  |
| 6200 South/5600 West      |                                |  |                     |  |  |  |  |
| Park-and-Ride             | Park-and-Ride                  | 6200 S./5600 W.                        |                     |  |  |  |  |
| 5400 South/5600 Wes       | st Park-And-Ride               |  |                     |  |  |  |  |
| 5400 South/5600 West      |                                |  |                     |  |  |  |  |
| Park-and-Ride             | Park-and-Ride                  | 5400 S./5600 W.                        |                     |  |  |  |  |
| Fort Union Transit Co     | enter                          |  |                     |  |  |  |  |
| Union Park Avenue/Fort Un | ion Boulevard                  |  |                     |  |  |  |  |
| Transit Hub               | Transit Hub                    | Union Park Ave/Ft Union Boulevard      |                     |  |  |  |  |
| Little Cottonwood Ca      | nyon Park-And-Ride             |  |                     |  |  |  |  |
| Wasatch Boulevard - Mouth | of Little Cottonwood Canyon    | ,                                      |                     |  |  |  |  |
| Park-and-Ride             | Park-and -Ride                 | Little Cottonwood Canyon               |                     |  |  |  |  |
| Big Cottonwood Can        | yon Park-And-Ride              |  |                     |  |  |  |  |
| Wasatch Boulevard - Mouth | of Big Cottonwood Canyon       |  |                     |  |  |  |  |
| Park-and-Ride             | Park-and-Ride                  | Big Cottonwood Canyon                  |                     |  |  |  |  |

### Appendix-3

Box Elder County Highway and Transit Projects 2040 RTP

**Box Elder County** 

### Box Elder County Air Quality Conformity Regionally Significant Project List Draft March 30, 2011

| Project Name and Location                                    | Improvement Type       | Time      |
|--|------------------------|-----------|
| UDOT Region 1  |                        |           |
|  | Interchange            |           |
| I-15 at MP 362.0 US-91, (1100 South Brigham City) STIP CD    | Upgrade                | 2011-2020 |
| *SR-30 I-15 to SR-38 (Collinston) MP 90.7 to 95.1            | Widening               | 2010-2020 |
| *SR-30 MP 95 to 108  | Planning Study         | 2010-2020 |
| *SR-30 MP 90.7 to MP 107.6, from SR-38 to Cache MPO Boundary |                        |           |
| at 1900 West   | Widening               | 2021-2030 |
| SR-13 MP 2.9 to 5.7, from SR-38 Junction to I-15             | Widening               | 2020-2030 |
| SR-240 MP 0.1 to MP 1.2, from I-15 to SR-38                  | Widening               | 2020-2030 |
| US-89 at MP 435 US-90 (Brigham City)                         | Interchange<br>Upgrade | 2020-2030 |
| I-15 MP 351.5 to MP 362, from Box Elder/Weber CL to Brigham  | Widening/Safety        |           |
| City south Interchange                                       | /Rest area             | 2031-2040 |
| Local Government   |                        |           |
| 6800 West (Iowa String Road) from SR-38 to I-84              | Widening               | 2031-2040 |
| 10400 North (Rocket Road) from I-84 to 5200 West (SR-13)     | Widening               | 2031-2040 |

\*These projects are outside the PM2.5 non-attainment area.

## Appendix-4

## Highway and Transit Projects 2040 RTP

**Tooele County** 

### **TOOELE VALLEY LONG RANGE PLAN 2007 - 2030 PROJECTS**

| ID | STREET<br>TO - FROM                             | PROJECT<br>TYPE          | LENGTH<br>(MILES) | 2030<br>FUNCTIONAL<br>CLASS | BIKE<br>CLASS | 2006<br>LANE | 2030<br>LANE | 2006<br>ROW<br>(FT.) | 2030<br>RO<br>(FT.) | PHASE<br>1=2007-2020<br>2=2021-2030 | SPONSOR | PHASE<br>COST |
|----|---|--------------------------|-------------------|-----------------------------|---------------|--------------|--------------|----------------------|---------------------|-------------------------------------|---------|---------------|
| 1  | Additional I-80 Interchange<br>I-80             | New<br>Construction      | 0.0               | Interchange                 | 0             | 0            | 0            | 0                    | 0                   | 1                                   | UDOT    | \$47,900,000  |
| 2  | Additional I-80 Access Road<br>I-80 - SR-36     | New<br>Construction      | 1.0               | Principal Arterial          | 0             | 0            | 4            | 0                    | 200                 | 1                                   | UDOT    | \$15,000,000  |
| 3  | I-80<br>Additional I-80 Interchange - SR-201    | Widening                 | 4.9               | Freeway                     | 0             | 4            | 6            | 375                  | 375                 | 2                                   | UDOT    | \$516,200,000 |
| 4  | SR-138<br>SR-112 - Mid-Valley Highway           | Widening                 | 3.1               | Minor Arterial              | 1             | 2            | 4            | 100                  | 100                 | 1                                   | UDOT    | \$29,800,000  |
| 5  | SR-138<br>Mid-Valley Highway - SR-36            | Widening                 | 5.1               | Minor Arterial              | 1,0           | 2            | 4            | 100                  | 100                 | 2                                   | UDOT    | \$78,500,000  |
| 6  | 1000 North<br>SR-112 - SR-36                    | New<br>Construction      | 2.4               | Minor Arterial              | 2             | 0            | 4            | 0                    | 66                  | 1                                   | Local   | \$18,800,000  |
| 7  | 1000 North<br>SR-36 - Droubay Road              | Restripping              | 1.3               | Minor Arterial              | 2             | 2            | 4            | 66                   | 66                  | 2                                   | Local   | \$1,400,000   |
| 8  | 2000 North<br>SR-112 - SR-36                    | New<br>Construction      | 3.6               | Minor Arterial              | 0             | 0            | 2            | 0                    | 66                  | 1                                   | Local   | \$29,500,000  |
| 9  | 3700 North<br>Mid-Valley Highway - Droubay Road | New<br>Construction      | 6.5               | Minor Arterial              | 0             | 0            | 2            | 0                    | 66                  | 2                                   | Local   | \$81,700,000  |
| 10 | SR-112<br>Mid-Valley Highway - Tooele Blvd.     | Widening                 | 3.3               | Principal Arterial          | 0             | 2            | 4            | 100                  | 100                 | 1                                   | UDOT    | \$31,800,000  |
| 11 | Mid-Valley Highway<br>SR-36 - I-80              | Corridor<br>Preservation | 11.7              | Freeway                     | 0             | 0            | 4            | 0                    | 200                 | 1                                   | UDOT    | \$12,300,000  |
| 12 | Mid-Valley Highway<br>SR-36 - I-80              | New<br>Construction      | 11.7              | Principal Arterial          | 0             | 0            | 4            | 0                    | 200                 | 1                                   | UDOT    | \$193,600,000 |
| 13 | Mid-Valley Highway<br>SR-36 - I-80              | New<br>Construction      | 11.7              | Freeway                     | 0             | 0            | 4            | 0                    | 200                 | 2                                   | UDOT    | \$442,500,000 |
| 14 | Tooele Blvd<br>SR-36 - 1000 North/SR-36         | New<br>Construction      | 4.1               | Minor Arterial              | 0             | 0            | 4            | 0                    | 84                  | 1                                   | Local   | \$38,300,000  |
| 15 | SR-36<br>South Depot Entrance - 500 South       | Widening                 | 2.4               | Principal Arterial          | 1             | 2            | 4            | 100                  | 100                 | 1                                   | UDOT    | \$19,900,000  |
| 16 | SR-36<br>Stockton - South Depot Entrance        | Widening                 | 3.3               | Minor Arterial              | 1             | 2            | 4            | 100                  | 100                 | 2                                   | UDOT    | \$57,800,000  |
| 17 | 400 West<br>1000 North - 3700 North             | New<br>Construction      | 2.7               | Minor Arterial              | 0             | 0            | 2            | 0                    | 66                  | 1                                   | Local   | \$21,200,000  |
| 18 | 1200 West<br>1000 North - 3700 North            | New<br>Construction      | 2.7               | Minor Arterial              | 0             | 0            | 2            | 0                    | 66                  | 1                                   | Local   | \$21,200,000  |