GETTING TO THE PREFERRED ROADWAY SCENARIO

WASATCH CHOICE 2050

PROCESS

1. Review scenario workshop and stakeholder feedback
    a. Keypad polling
    b. Map comments
    c. Visualization tool – survey & map comments

2. Technical evaluation
    a. Evaluation criteria for roadway line and point projects
    b. Review CMP projects
    c. Comparison of adjacent corridors when relevant
    d. Use cross-run scenarios for comparative purposes (for instance, S1 land use with S2 roads)

3. Consideration and incorporation of relevant efforts
    a. Ensuring alignment with centers and joint corridors with transit and active transportation
        i. If there is a proposed transit project on widening corridor, consider operational project
    b. Wasatch Front Central Corridor Study and Point of the Mountain
    c. TIF, TIP, etc.

SELECTION CRITERIA (NEED-BASED EVALUATION)

First Screening

Safe, user-friendly streets	
2019 – 2050 Proposed Objective	Mitigates safety issues
Measure	1. Project is a grade-separation of roadways, railways, etc. 2. For all other projects, UDOT's safety index average *Note: for widening projects where safety is a concern, identify project as 'widening with safety improvements' in plan*

Manageable and reliable traffic conditions	
2019 – 2050 Proposed Objective	Improves traffic conditions through management and reliability
Measure	1. Project meets volume thresholds for additional lanes 2. Project improves V/C over no build 3. Project increases connectivity 4. Project is identified as a CMP/TSM project *(if yes, then automatically on draft preferred)*

Fiscally efficient communities and infrastructure	
2019 – 2050 Proposed Objective	Aligns with existing projects *(if yes to any, then automatically on draft preferred)*
Measure	1. Project is on TIP 2. Project is part of a planning/environmental study 3. Efforts underway to preserve the project's corridor

Second Screening

Projects that have not met first screening criteria will be screened through the following criteria to further determine need.

Access to economic and educational opportunities	
2019 – 2050 Proposed Objective	Improves access to job and educational opportunities
Measure	1. Project improves job and service access 2. Project improves access to GOED strategic cluster 3. Project improves access to major education centers

Access to economic and educational opportunities	
2019 – 2050 Proposed Objective	Enhances freight mobility
Measure	1. Project addresses need identified in the freight plan 2. Project addresses area with high commercial vehicle activity

Impacts Screening

Projects that have either met the first or second screening criteria will be screened for potential impacts.

Livable and healthy communities	
2019 – 2050 Proposed Objective	Supports the Wasatch Choice for 2050 and revitalizes the economy
Measure	Potential impact on community character not identified

A sustainable environment including water, agricultural, and other natural resources	
2019 – 2050 Proposed Objective	Supports environmental sustainability
Measure	Potential impact on vulnerable lands (i.e., avoiding wetlands, reducing impacts to agricultural lands) not identified

Quality transportation choices	
2019 – 2050 Proposed Objective	Supports transportation choices
Measure	Potential impact on existing or planned transit or active transportation, including safety of facility, not identified

Ample parks, open spaces, and recreational opportunities	
2019 – 2050 Proposed Objective	Supports access to parks, open space, and recreation
Measure	Potential impact on parks, open space, and recreation not identified

Housing choices and affordable living	
2019 – 2050 Proposed Objective	Supports affordable housing and transportation costs
Measure	Potential impact on vulnerable communities not identified

Projects Not Used for Project Selection

Clean air	
2019 – 2050 Proposed Objective	Not evaluated for selection; will be considered for phasing
Measure	N/A

MANAGEABLE AND RELIABLE TRAFFIC CONDITIONS THRESHOLDS

Daily Thresholds for Collector, Major Arterial, and Principal Arterial

Number of Lanes (total)	Average Annual Daily Traffic
3 lanes	Up to 20,000
5 lanes	20,000 to 40,000
7 lanes	40,000+

Daily Thresholds for Freeway

Number of Lanes (total)	Average Annual Daily Traffic
4 lanes	Up to 71,000
6 lanes	71,000 to 106,000
8 lanes	106,000 to 141,000
10 lanes	141,000+
HOT lanes	¾ of general purpose lane