

Overview of Current Scoring & Prioritization

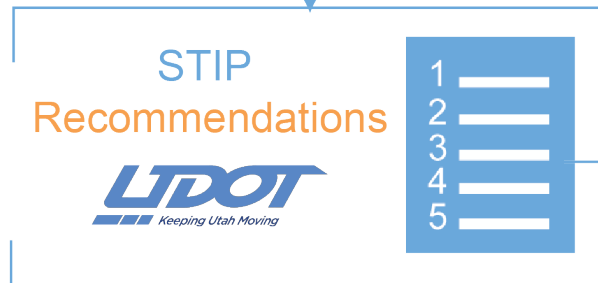
Process for Programming State Transportation Projects in Utah

Shane Marshall, P.E.
Deputy Director
Utah Department of Transportation

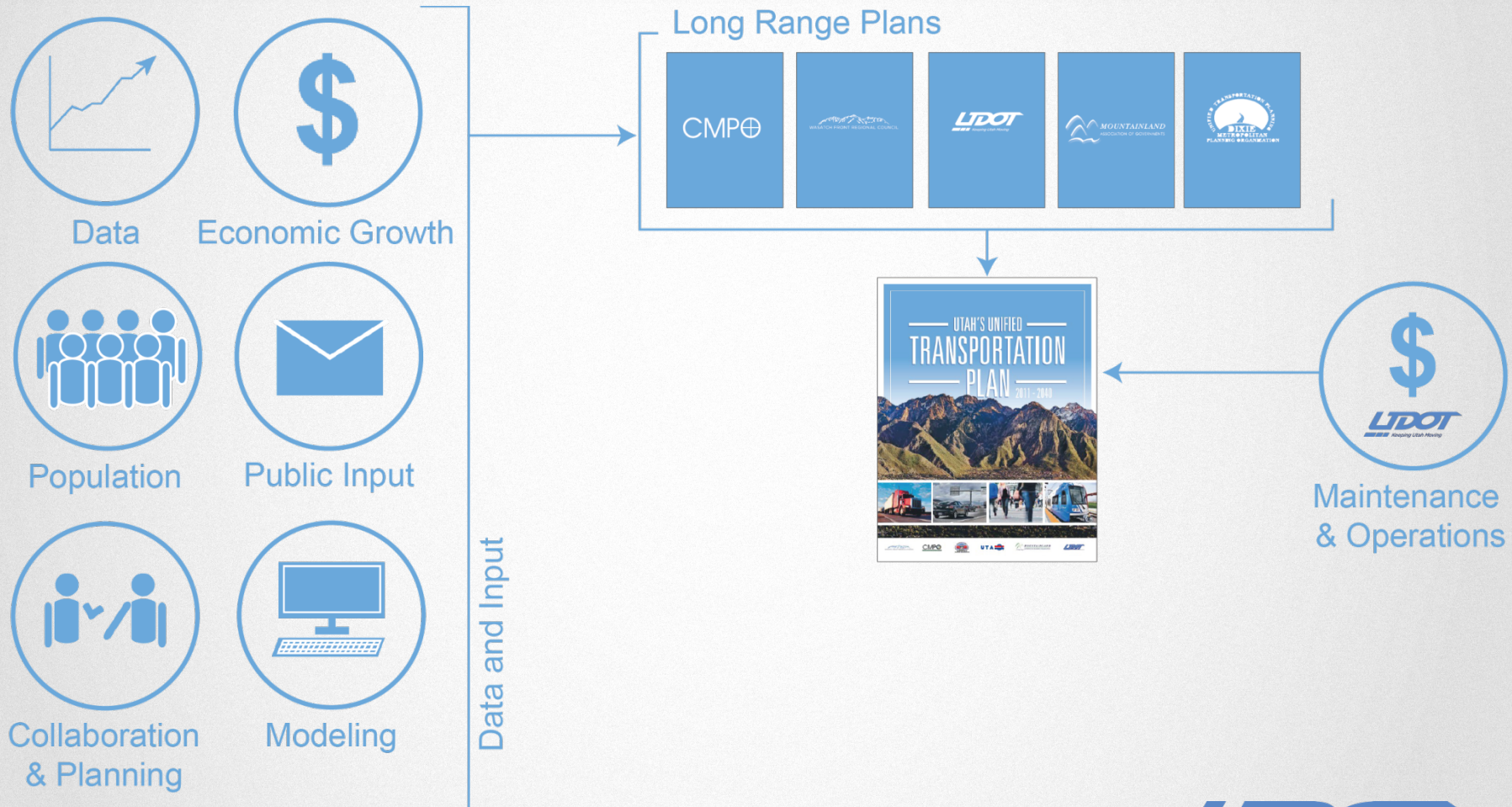


Process Overview

Long Range Plans



Data & Input for Planning



Background

Adopted under S.B. 25, 2005 General Session

72-1-304. Written project prioritization process for new transportation capacity projects -- Rulemaking.

(1) The Transportation Commission, in consultation with the department and the metropolitan planning organizations as defined in Section 72-1-208.5, shall develop a written prioritization process for the prioritization of new transportation capacity projects that are or will be part of the state highway system under Chapter 4, Part 1, State Highways.

(2) The following shall be included in the written prioritization process under Subsection (1):

(a) a description of how the strategic initiatives of the department adopted under Section 72-1-211 are advanced by the written prioritization process;

(b) a definition of the type of projects to which the written prioritization process applies;

(c) specification of a weighted criteria system that is used to rank proposed projects and how it will be used to determine which projects will be prioritized;

(d) specification of the data that is necessary to apply the weighted ranking criteria; and

(e) any other provisions the commission considers appropriate.

(3) In developing the written prioritization process, the commission:

(a) shall seek and consider public comment by holding public meetings at locations throughout the state; and

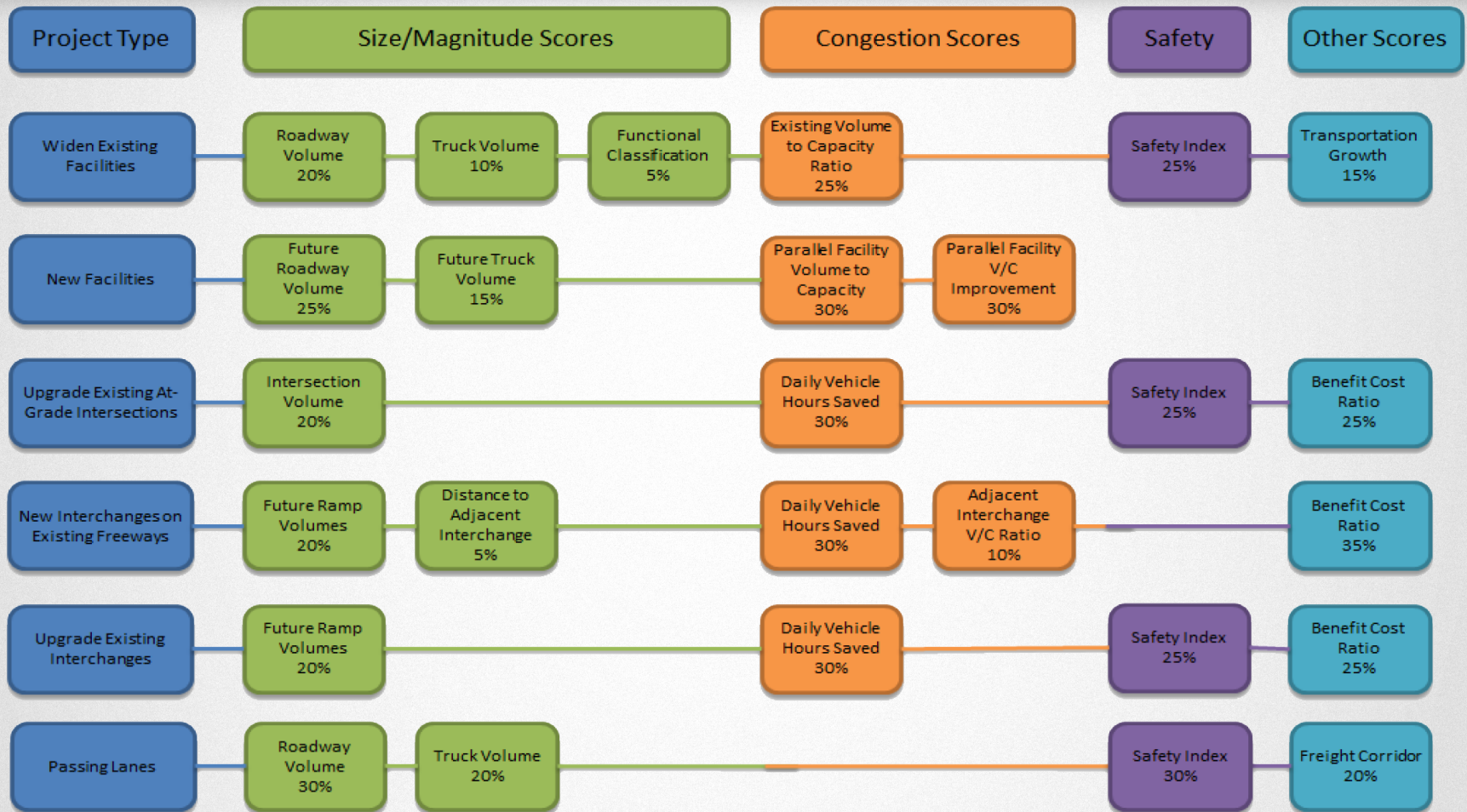
(b) may not consider local matching dollars as provided under Section 72-2-123 unless the state provides an equal opportunity to raise local matching dollars for state highway improvements within each county.

(4) In accordance with Title 63G, Chapter 3, Utah Administrative Rulemaking Act, the Transportation Commission, in consultation with the department, shall make rules establishing the written prioritization process under Subsection (1).

(5) The commission shall submit the proposed rules under this section to a committee or task force designated by the Legislative Management Committee for review prior to taking final action on the proposed rules or any proposed amendment to

- (c) specification of a **weighted criteria system** that is used to rank proposed projects and how it will be used to determine which projects will be prioritized;
 - (d) specification of the **data** that is necessary to apply the weighted ranking criteria; and
 - (e) any other provisions the commission considers appropriate.
- (3) In developing the written prioritization process, the commission:
- (a) shall seek and consider public comment by holding public meetings at locations throughout the state; and

Prioritization Process Overview



Example: Widen Existing Facility

Objective	Factor	Max. Score
Transportation Efficiency	Total AADT- Volume of Traffic on a Daily Average	20
	Truck AADT	10
	Functional Class – Measure of Road Importance	5
	V/C – Measure of a Highway's Congestion	25
	Transportation Growth	15
Safety	Safety Score – Combination of Measures	25
	Total Possible Points	100

Widen Existing Facility

Example: Redwood Road, Bangerter Highway to 12600 South

Project	2011 AADT	Truck AADT	FC	V/C	Safety Score	Ave Trans. Growth	Total	Rank
Redwood Road; Bangerter Hwy To 12600 South	21,597	1,300	14	1.2	8.5	3.8%		
Score	4	1	4	22.5	21.25	12	65	#7

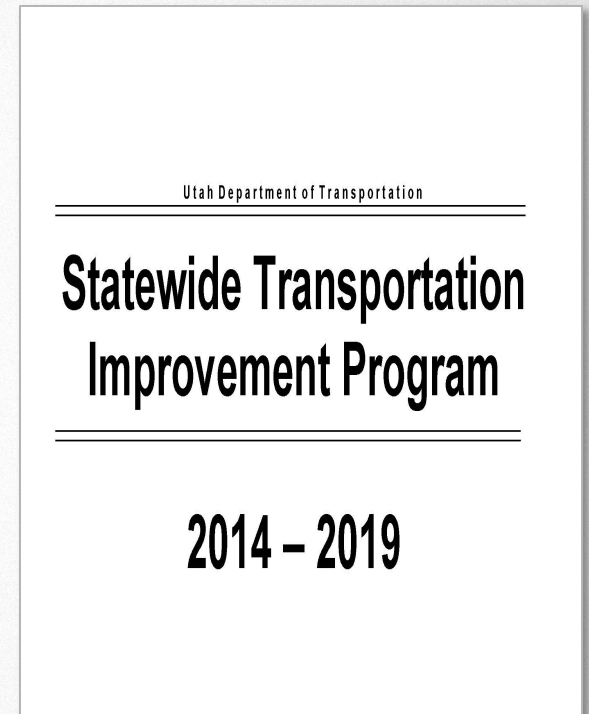
Recommendation List

Statewide TIF Priorities February 2017					
Region	UP Project ID	Project Name	UP Phase	Prioritization Score Range	Cost Estimate
Widen Existing					
2	S-186	I-15; Northbound, 9000 South to I-215 Braided Ramp or Frontage Road	1	80-89	\$ 120,000,000
2	S-186	I-15; Managed Lanes	1	80-89	\$ 130,000,000
1	D-2 / D-30	SR-37; 1800 North, SR-108 (2000 W) to SR-126 (Main St.), Overpass @ 500 West Rail Crossing	1	60-69	\$ 114,000,000
2	S-73	SR-172; (5600 West) SR-201 to I-80	1	50-59	\$ 45,000,000
1	D-20	SR-108; SR-107 (300 North) to SR-37 (1800 North)	1	50-59	\$ 60,000,000
2	S-30*	7000 South / 7200 South, Bingham Junction Blvd to I-15	1	40-49	\$ 32,000,000
1	2015007	SR-30; MP 102.3 to MP 108.7, SR-23 to SR-252	1	30-39	\$ 40,000,000
New Facilities					
3	MAG8*	SR-85; (MVC) SR-73 to 2100 N Saratoga Springs, Frontage Rd.	1	90-100	\$ 30,000,000
1	D-17*	West Davis Highway; SR-127 (Antelope Drive) to I-15 / US-89 / Legacy Parkway	1	70-79	\$ 700,000,000
2	S-55*	Porter Rockwell; New bridge over the Jordan River	1	70-79	\$ 50,000,000
4	DMPO1-47/49	SR-7; (Southern Parkway), Sand Hollow to SR-9 (RTP has the two projects - mid point 3000 So.)	1	60-69	\$ 75,000,000
2		SR-201; Extension to SR-36		60-69	\$ 100,000,000
Upgrade Existing At-Grade Intersections					
2	S-140	SR-154; (Bangerter Highway Interchange) @ 6200 South	1	70-79	\$ 64,000,000
2	S-145	SR-154; (Bangerter Highway Interchange) @ 10400 South	1	70-79	\$ 46,200,000
2	S-147	SR-154; (Bangerter Highway Interchange) @ 12600 South	2	70-79	\$ 49,200,000
2	S-138	SR-154; (Bangerter Highway Interchange) @ 4700 South	3	70-79	\$ 44,300,000
2	S-148	SR-154; (Bangerter Highway Interchange) @ 13400 South	2	70-79	\$ 43,200,000
2	S-144	SR-154; (Bangerter Highway Interchange) @ 9800 South	2	60-69	\$ 43,100,000
New Interchanges on Existing Freeways					
3	MAG15	I-15; Provo North Interchange, New Interchange	1	60-69	\$ 135,000,000
3	MAG51	I-15; Orem 800 S/UVU Interchange	1	50-59	\$ 60,000,000
2	2015034	I-80; MP 94.5, Midvalley Highway Interchange (Includes Phase 1, limited access arterial SR-138 to I-80)	1	50-59	\$ 74,400,000
1	D-31	I-15; SR-37 (1800 North) Interchange	1	50-59	\$ 90,000,000
1	D-36	I-15; Interchange @ Shepard Lane	1	50-59	\$ 45,000,000
3	MAG56	I-15; Springville (1600 So)/Spanish Fork (2700 N) Interchange	1	20-29	\$ 69,000,000
4	DMPO1-47	SR-7; Sand Hollow Interchange	1	20-29	\$ 7,100,000
Upgrade Existing Interchanges					
2	2015033	I-80; at MP 144.2, Kimball Junction	1	70-79	\$ 19,000,000
1	D-32*	I-15; SR-103 (650 North)	2	70-79	\$ 66,000,000
2	S-161	I-80 Interchange @ I-215 East Interchange	2	70-79	\$ 107,000,000
1	D-63/D-50*	I-15; SR-193 (700 South), includes widening of 700 South	1 & 2	60-69	\$ 80,000,000
2	S-196*	I-80; Interchange @ State Street	1	60-69	\$ 54,700,000
2	2015032	I-80; at MP 98.7, (SR-36 Interchange)	1	60-69	\$ 38,000,000
1	W-41*	I-15; Interchange @ 24th Street	1	50-59	\$ 96,000,000
1	W-43/W-54*	I-15; SR-97 (5600 South), includes widening of 5600 South	1 & 2	50-59	\$ 150,000,000
4	DMPO2-34	I-15; Initial SR-9 Interchange Modifications, Exit 16	2	50-59	\$ 37,000,000
3	MAG23	I-15; Payson Main St Interchange, Interchange Modification, Possibly add Connections to Main St and SR-	1	40-49	\$ 100,000,000
Passing Lanes					
3	2015058	US-189; Wallsburg to Charleston	1	60-69	\$ 46,000,000
4	2015147	I-15; Add NB/SB Climbing lanes from MP 135.0 to MP 142.5, Cove Fort to Baker Canyon	1	60-69	\$ 37,000,000
3	2015059	US-6; MP 195.0 to MP 197.0, SF Canyon Widening Sheep Creek to Mill Fork (to existing 5-lanes)	1	50-59	\$ 23,000,000
3	2015063	US-40 Widen WB from MP 31.2 to MP 32.7, Daniels Canyon North of Summit	1	50-59	\$ 5,200,000
4	Multiple	US-89; Initial Phase Passing Lanes & Slow Moving Vehicle Turnouts, MP 64 to MP 141, Kanab to SR-20	1	40-49	\$ 15,000,000
3	2015062	US-40; EB Passing Lane East of Fruitland	1	40-49	\$ 9,400,000
4	Multiple	US-191; Passing Lanes MP 26 to MP 93, Bluff to Needles Overlook Rd., 3 Locations	1	30-39	\$ 6,000,000
4	Multiple	US-89; Initial Phase Passing Lanes & Slow Moving Vehicle Turnouts, MP 0 to MP 63, State line to Kanab	1	30-39	\$ 15,000,000
4	2015208	I-15; Add NB climbing lane, MP 180.2 to MP 184, US-50 turn-off to Scipio Pass	2	30-39	\$ 22,575,000
Studies					
2	S-161	I-80 / I-215 East Interchange (Environmental Study)	2	70-79	\$ 5,000,000
1	D-63/D-50	I-15; SR-193 (700 South) (Environmental Study)	1 & 2	60-69	\$ 3,000,000
3	MAG15	I-15; Provo North Interchange (Environmental Study)	1	60-69	\$ 2,000,000
1	W-43/W-54	I-15; SR-97 (5600 South) (Environmental Study)	1 & 2	50-59	\$ 3,000,000
1	D-36	I-15; Interchange @ Shepard Lane (Environmental Study)	1	50-59	\$ 2,000,000
4	DMPO1-45	SR-9; I-15 to Southern Parkway (Environmental Study)	1	30-39	\$ 2,000,000
1		SR-67; (Legacy Parkway); I-215 to I-15 (Corridor Study)	1	30-39	\$ 750,000
3	MAG56	I-15; Springville (1600 So)/Spanish Fork (2700 N) Interchange (Environmental Study)	1	20-29	\$ 2,000,000

Notes:

* Partially Funded; Study, EIS or components of larger scope

Commission Approval of STIP



Transportation Commission Members



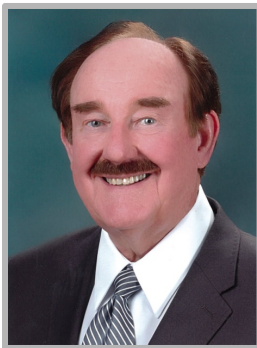
Chair, Kent Millington
Region 3



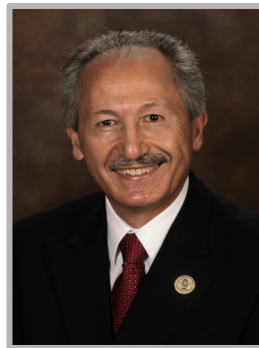
Meg Holbrook
Region 2



Danny McConkie
At Large



Wayne Barlow
Region 1



Naghi Zeenati
Region 4



Lew Cramer
At Large



Donna Law
At Large

Vision and Mission



MISSION

Innovating transportation solutions that strengthen Utah's economy and enhance quality of life.

Kent Millington, Transportation Commission Chair
Carlos Bracerias, P.E., Executive Director



Impacts of S.B. 80 to Transportation

Transportation Commission