EXECUTIVE SUMMARY

ES.1 INTRODUCTION

This Environmental Impact Statement (EIS) for the Interstate 15 (I-15), Payson Main Street Interchange project has been prepared according to the provisions of the National Environmental Policy Act (NEPA), Title 23 of the Code of Federal Regulations (CFR) Part 771, 40 CFR 1500-1508, and the Federal Highway Administration (FHWA) Technical Advisory T6640.8A, Guidance for Preparing and Processing Environmental and Section 4(f) Documents. This EIS also conforms to the requirements of the Utah Department of Transportation (UDOT).

UDOT has assumed FHWA's responsibilities under NEPA and other applicable federal environmental laws for review and approval of federally assisted highway projects within Utah. These responsibilities have been assigned in the Memorandum of Understanding between the FHWA and the UDOT concerning the State of Utah's Participation in the Surface Transportation Project Delivery Program Pursuant to 23 USC 327, executed on January 17, 2017. As such, the environmental review, consultation and other actions required by applicable Federal environmental laws for this project are being, or have been, carried-out by UDOT pursuant to 23 USC 327 and the Memorandum of Understanding (MOU). Prior to January 17, 2017, the project was carried out by the FHWA with UDOT as the joint lead agency.

ES.2 STUDY AREA

The 4.6-square-mile study area centers on I-15 Exit 250 in Payson, Utah (see Figure ES-1). The western boundary generally follows the Union Pacific railroad tracks west of I-15 and 3550 West. The southern boundary parallels SR-198, and the eastern boundary follows a northwest line across agricultural fields for approximately 2.3 miles until it crosses I-15. The northern boundary continues east along 1500 North before terminating west of Dixon Road along SR-115 (3200 West/Main Street).

The study area boundary was identified to include the reasonable range of alternatives to be developed for this EIS, including alternatives that would relocate the interchange north of its existing location.

ES.3 NEED FOR THE PROJECT

The I-15, Payson Main Street Interchange project is needed for the following reasons:

- The existing infrastructure will not be able to adequately serve the projected transportation demands from a rapidly growing population in and around Payson.
- Existing design deficiencies compromise vehicle safety and limit overall functionality of the interchange

ES.4 PURPOSE OF THE PROJECT

Based on the needs presented above, the project is needed to achieve the following objectives:

 Improve traffic operations in Payson by reducing expected roadway congestion at the Main Street interchange and on Main Street between approximately 900 North and 100 North: Accommodate future travel demand for automobile and freight traffic by improving level of service (LOS) at the FIGURE ES-1

Study Area

interchange and along Main Street compared to the no-build conditions.

Address design deficiencies to meet current roadway design standards: Address the identified safety and operational inadequacies and meet UDOT and American Association of State Highway and Transportation Officials (AASHTO) design standards, thereby improving the functionality and safety of the interchange compared to the no-build conditions



ES.5 ALTERNATIVES

A wide range of alternatives was developed with the goal of meeting the purpose and need of the project. Conceptual alternatives were developed based on previous studies, including the 2008 *I-15 Corridor Utah County to Salt Lake County EIS* and a concept report commissioned by UDOT in 2011, and

comments received from the community and agencies.

ES.5.1 No-Build Alternative

The No-Build Alternative assumes 2040 traffic conditions without improvements to the existing interchange or Main Street. This alternative assumes the completion of all other projects proposed in the

Mountainland Association of Governments' (MAG) long-range transportation plan, *TransPlan40*, which includes (see Figure ES-2):

- Widening of SR-198 to four lanes
- Capacity improvements at the SR-164 (8000 South) interchange
- Capacity improvements at the SR-178 (Payson 800 South) interchange
- Extension of Elk Ridge Drive from SR-198 to SR-164 (8000 South)
- Construction of Nebo Beltway Phase II (see Section ES.6.1 for more information regarding Nebo Beltway)

ES.5.2 Transportation System Management Alternative

The Transportation System Management (TSM) Alternative would optimize signal timing at the existing interchange and along Main Street. No other improvements, such adding lanes at the interchange, would be included.

ES.5.3 Transit Alternative

This alternative would improve the public transit system in Payson. The planned Utah Transit Authority (UTA) FrontRunner commuter rail station would be moved from 800 South to Main Street, north of the interchange. An enhanced bus route with 30-minute headways would run from the Payson FrontRunner station along SR-198 to the Spanish Fork FrontRunner station. A local bus route with 15-minute headways would begin at the Payson FrontRunner station, continue south on Main Street to SR-198 where it would continue south until turning west onto 800 South, then turn north after crossing over I-15. Ridership at the FrontRunner station would increase by 1,480 people per day more than the planned station location at 800 South, with a daily ridership of 1,800 people in 2040. Bus ridership along the enhanced bus route to Spanish Fork would be 240 people per day and the local bus route would have 410 people per day in 2040.

ES.5.4 Build Alternatives

Four categories of conceptual build alternatives were developed—each attempts to address future travel demand differently as described below.

Improve Existing Interchange ("I") Alternatives: The I alternatives would address the future traffic needs by improving the existing interchange in its current location. This would direct all traffic to and from I-15 onto Main Street, and would require widening Main Street to five lanes between I-15 and SR-198. Twelve I alternatives were developed.

<u>Relocate Interchange ("R") Alternatives:</u> The R alternatives would accommodate the future traffic needs by relocating the interchange northeast along I-15, close to its current location. This would eliminate direct access to Main Street, and direct all traffic onto a new arterial road (Nebo Beltway Phase I). Main Street would not need to be widened. Two R alternatives were developed.

<u>Combination of Improve Existing Interchange and</u> <u>Relocate ("C") Alternatives:</u> The C alternatives would provide additional capacity at two locations—the existing Main Street interchange and a new interchange to the northeast. The new interchange would connect to Nebo Beltway Phase I, drawing some traffic away from Main Street. Main Street would still have direct access to and from I-15, and would need to be widened to five lanes to 600 North. Six C alternatives were developed.

FIGURE ES-2 No-Build Alternative



<u>Add New Interchange ("A") Alternative:</u> The A alternative would provide additional capacity by adding a new interchange farther north, and keep the existing Main Street interchange open. One A alternative was developed.

ES.6 ALTERNATIVE SCREENING PROCESS

This section describes the alternative screening process and criteria developed through coordination with the cooperating and participating agencies and the stakeholder working group to determine which alternatives to carry forward for detailed study. The screening process was divided into the following levels:

 Level 1: Assessed the alternative's ability to meet the purpose and need • Level 2: Compared select impacts of each alternative

As alternatives progressed through the screening process, they were eliminated for the following primary reasons:

- The alternative did not satisfy the purpose and need (Level 1: address safety deficiencies and provide LOS D or better at the interchange and along Main Street in 2040).
- The alternative did not comply with FHWA's *Interstate Access Policy* (Level 1).
- The alternative's design and performance (i.e., its ability to reduce congestion) was similar to another reasonable alternative, but the alternative had comparatively greater or similar environmental impacts (Level 2 alternative screening).

The TSM, Transit, and A alternatives did not pass through Level 1 screening. None would meet the purpose and need because they would not provide LOS D or better on Main Street.

ES.6.1 Candidate Build Alternatives

As a result of the alternative screening process, the following alternatives were carried forward for detailed study in the EIS.

Alternative I1: Long-span Structure

Alternative I1 is the most similar alternative to the existing interchange. Unlike the C alternatives, Alternative I1 does not include an additional interchange that would connect to Nebo Beltway Phase I. Instead, Alternative I1 would improve and add capacity at the existing interchange and Main Street by widening Main Street to five lanes between the interchange and SR-198. The I-15 bridge over Main Street would be lengthened to accommodate five lanes (see Figure ES-3 and Figure ES-4).

To improve the skew of the existing interchange, the on- and off-ramps would be extended away from I-15, and the turning radius at each ramp also would be increased. Alternative I1 would cost approximately \$125M (2020 dollars) to construct.

Alternative R1: Relocate Near

Alternative R1 would close the existing Main Street interchange and replace it with a new diamond interchange approximately 0.21 miles northeast of its current location. Under Alternative R1, Nebo Beltway Phase I would become the predominant travel route, instead of Main Street, thereby avoiding and reducing congestion at Main Street and the existing interchange. Motorists exiting at the new interchange would turn east onto Nebo Beltway Phase I towards SR-198 or west towards Main Street (see Figure ES-5).

To comply with UDOT signalized intersection spacing standards, north of I-15, Main Street would be shifted

west, away from Nebo Beltway Phase I interchange, to provide adequate spacing between traffic signals. Main Street would be three lanes and taper to its current configuration south of 600 North. Alternative R1 would cost approximately \$146M (2020 dollars) to construct.

Alternative R2: Relocate Far

Alternative R2 would close the existing Main Street interchange and replace it with a new diamond interchange approximately 0.68 miles northeast of its current location. Under Alternative R2, Nebo Beltway Phase I would become the predominant travel route, instead of Main Street, thereby avoiding and reducing congestion at Main Street and the existing interchange. Motorists exiting at the new interchange would turn east onto Nebo Beltway Phase I towards SR-198 or west towards Main Street. A new three-lane arterial road east of I-15 would provide access between Main Street and Nebo Beltway Phase I (see Figure ES-6).

Main Street would not be widened under Alternative R2; however, the predominant traffic movement along Main Street would be redirected onto the new arterial road to Nebo Beltway Phase I, instead of its current north-south direction under I-15. Alternative R2 would cost approximately \$109M (2020 dollars) to construct.

Alternative C1: Braided Ramps

Alternative C1 would provide a free-flow connection between the Main Street interchange and a new interchange connecting to the proposed Nebo Beltway Phase I. Braided ramps (i.e., ramps that cross over each other) would connect the two interchanges. Motorists traveling on I-15 in either direction would exit I-15 and have the option to take the nearest road (i.e., Main Street for northbound motorists or Nebo Beltway Phase I for southbound motorists) or continue to the next road in free-flow/continuous lanes without stopping at a traffic signal. Motorists entering I-15 from Main Street (northbound) or Nebo Beltway Phase I (southbound) would utilize the respective on-ramp that would cross over the free-flow continuous lanes and enter I-15 between both interchanges. From the new interchange, motorists would travel on Nebo Beltway Phase I until it intersects with SR-198 at 2100 West, thereby avoiding and reducing congestion at Main Street and the existing interchange (see Figure ES-7).

Main Street would be widened to five lanes at the interchange and taper to its current configuration south of 600 North. Main Street would also be realigned to connect to 900 North, instead of maintaining its current north-south alignment to improve the skew. Alternative C1 would cost approximately \$183M (2020 dollars) to construct.

Alternative C3: Frontage Road Ramps

Similar to Alternative C1, Alternative C3 would include an additional interchange approximately 0.72 miles northeast of Main Street. However, frontage roads would connect the two interchanges instead of free-flow ramps. Motorists traveling on I-15 in either direction would exit I-15 and stop at the first signalized interchange (i.e., Main Street for northbound motorists or Nebo Beltway Phase I for southbound motorists) or continue on the frontage road to the next interchange. Motorists entering I-15 from Main Street (northbound) or Nebo Beltway Phase I (southbound) would utilize the frontage road to the next interchange and proceed through the signalized intersection to the respective on-ramp. From the new interchange, motorists would travel on Nebo Beltway Phase I until it intersects with SR-198 at 2100 West, thereby avoiding and reducing congestion at Main Street and the existing interchange (see Figure ES-8).

Main Street would be widened to five lanes at the interchange and taper to its current configuration south of 600 North. Main Street would also be

realigned to connect to 900 North, instead of maintaining its current north-south alignment to improve the skew. Alternative C3 would cost approximately \$162M (2020 dollars) to construct.

Alternative C4: Split Diamond

Alternative C4 would function the same as Alternative C3, with frontage roads connecting the Main Street interchange to an additional interchange approximately 0.15 miles northeast of Main Street (compared to 0.72 miles under Alternative C3). Alternative C4 would cost approximately \$145M (2020 dollars) to construct (see Figure ES-9).

Nebo Beltway Phase I

Nebo Beltway Phase I is an arterial road associated with the R, C, and A alternatives. *TransPlan40* divides Nebo Beltway into three phases: Phase I, Phase II, and Vision. The segment of Nebo Beltway that is associated with the R, C, and A alternatives is included in Phase I. The purpose of Nebo Beltway Phase I is to alleviate congestion on Main Street by providing an alternate route for traffic to access I-15. As such, Nebo Beltway Phase I is an essential component of the R, C, and A alternatives. Under these alternatives, some traffic would be diverted from Main Street to the proposed Nebo Beltway Phase I, which would connect I-15 to SR-198. Main Street would not be widened to SR-198 under these alternatives because enough traffic would be diverted onto Nebo Beltway Phase I.

Nebo Beltway Phase I was analyzed as a five-lane facility to be consistent with *TransPlan40* and Phase II recommendation described in the *Provo to Nebo Corridor Study* (InterPlan 2009). The proposed fivelane Nebo Beltway Phase I cross-section is shown on Figure 2-26. Bike lanes were included on Nebo Beltway Phase I in accordance with UDOT policy to improve active transportation opportunities on state facilities where feasible (see Section 2.3 for more information). In addition, a goal of the Payson City General Plan is to develop an effective multi-use trail system that connects to regional trails, and the Mountainland Association of Governments *Transplan40* acknowledges there will be a greater need for nonmotorized transportation facilities, including bike lanes, as the population increases. *Transplan40* includes the Highway 198 Connector Trail, which would connect to the proposed bike lanes on Nebo Beltway Phase I (see Section 3.10 for more information).



Build Alternative 11: Long-span Structure



Pavement Footprint

Pavement Footprint

Iternative 1

Constant

Constant</t

FIGURE ES-4 Widen Main Street for Build Alternative 11: Long-span Structure

FIGURE ES-5 Build Alternative R1: Relocate Near



FIGURE ES-6 Build Alternative R2: Relocate Far



FIGURE ES-7 Build Alternative C1: Braided Ramps



FIGURE ES-8 Build Alternative C3: Frontage Road Ramps



FIGURE ES-9



ES.7 ENVIRONMENTAL IMPACTS

Environmental impacts of the No-Build Alternative and build alternatives are detailed in Chapter 3 of this EIS. All of the build alternatives would have both

TABLE ES-1

Summary of Environmental Impacts

beneficial and adverse impacts to the surrounding areas, the human and natural environment, and the transportation network. Table ES-1 summarizes potential impacts to resources in the study area that would result from each alternative.

D	•			Alternative					
Resource	No-Build	1	C1	C3	C4	R1	R2		
Direct Effects									
Land Use									
Total Converted to Transportation (acres)	0	26.3	103.2	99.7	72.2	68.4	94.3		
Consistent with	All alternati	All alternatives are consistent with Payson City and Salem City adopted plans and							
Adopted Plans and	ordinances	ordinances, except Alternatives R1 and R2. Both R alternatives would be inconsistent							
Orainances	with the Pa	yson City zon	ing ordinanc	e that identif	ies a Special	Highway Serv	rice Zone		
	near the ex	isting interch	ange. Remov	ring the inter	change woul	d limit the de	velopment		
	of these zo	nes accordin	g to the zonir	ng ordinance	. Alternatives	11, C4, and R	1 are		
	consistent v	with the Bamb	oerger Ranch	P-C Zone Pla	an low-intens	ity developm	ent		
	scenario. A	Iternatives C	1, C3, and R2	are consister	nt with the Bc	imberger Rar	nch P-C		
	Zone Plan N	Aaximum Dev	velopment Sc	enario. Neb	o Beltway Pho	ase I under th	e C and R		
	alternatives	s is inconsister	nt with the Ute	ah County G	eneral Plan, v	which seeks to	o preserve		
the rural agricultural character of the unincorporated areas.									
	I		Farmland						
Farmland Converted (acres)	0	15.2	95.4	93.1	61.9	65.3	91.3		
NRCS Rating ¹	N/A	123	139	139	143	143	139		
		Soc	cial Environm	ent					
Community Cohesion	Alternative	11 would hav	e a greater r	egative ette	ct on commu	unity cohesior	han the		
	C and R alf	ernatives thro	ough the rem	oval of reside	ences and nu	imerous histor	ÎC		
	structures—	-two of which	n are listed on	the Nationa	Register of F	listoric Places			
	Alternative	i would wid	en Main Stree	et resulting in	a barrier to p	eaestrians ar	na venicies		
	crossing Mo	ain street that	r could hinde	r social interc	actions and a	iter the curre	nt 		
	character.	Alternatives (LI, C3, and K	2 would not	remove resid	ences. Alfnol	ign		
	Allematives			e one resider		ne interchang	je, mis		
				Andrea Cath	esion.		- aburab		
	Allemative		the Catholic			Splacing ine	e chuich		
Community Facilities	Could nego	notivery direct		community in		un Courry. N	one of the		
Public Services and					es.	from rolocat	ing qutility		
Utilities	All bolid dif	be conflict a	na inpaci ui	ting in place	npacisirange	lionielocal	ing a uniny		
	Outside of I		ed to protec	ing in place	•				
	The C alter	ativos would	h provido bot	tor omorgon	av rosponso t	imos compar	od to		
	Alternative	11 the P alter	ratives and	the No-Build	Alternative a	intes compar is the result of			
Public Safaty		multiple cor	nections to L	-15 and a fa	ster more dir	ect connecti	200		
	between M	lountain View	v Hospital and	11-15 provide	ad by Nebo R	eltway Phace			

TABLE ES-1 Summary of Environmental Impacts

Deserves		Alternative						
Resource	No-Build	11	C1	C3	C4	R1	R2	
Travel Patterns	All build alternatives would improve opportunities for active transportation with the inclusion of bike lanes along Main Street under Alternative II and along Nebo Beltway Phase I under the C and R alternatives. None of the alternatives are expected to influence public transit and ridership in the study area. Vehicle miles traveled, hours of delay per day, and travel patterns would vary under each alternative; however, the R alternatives would substantially alter travel patterns by increasing out-of-direction travel.							
Disproportionately								
High and Adverse Effect (yes/no)	No	No	No	No	No	No	No	
	•	Reci	reation Resou	rces	•			
	No	No	No	No	No	No	No	
	impact	impact	impact	impact	impact	impact	impact	
	I	Land Ac	quisition & Re	location	I			
Full Acquisitions (parcels/acres)	0/0	46 / 24.4	8 / 15.1	8 / 15.1	10 /17.8	7 / 16.6	1 / 1.9	
Relocations (buildings)	0	42	5	5	6	4	1	
Partial Acquisitions (parcels/acres)	0/0	83 / 17.0	75 / 100.9	73 / 97.5	66 / 62.2	59 / 61.3	43 / 99.1	
	Economic Conditions							
Total Annual Economic Costs from Annual Weekday Congestion	\$24,618,4	\$3,855,90 1	\$3,188,53	\$3,707,60	\$4,226,66 1	\$3,781,75	\$4,226,66 <i>A</i>	
Delay			Ŭ	0		۷.	т	
Potential Economic Benefit Rating (1–10) ²	1.0	4.0	8.5	7.5	6.5	6.5	7.0	
		Joi	int Developm	ent				
	No joint de Payson Ma	velopment a in Street Inter	greements ho change proje	ave been initi ect. Therefore	iated in conn e, joint develc	ection with the properties of	ne I-15, not apply.	
	•	Ped	estrians & Cy	clists				
New Bike Lanes (miles)	0.0	1.5	3.6	3.6	2.9	3.0	3.3	
	 A lack of separation from traffic and continued increase in congestion would result in a reduction in pedestrian and bicycle safety under the No-Build Alternative. Enhanced safety through the addition of dedicated bike lanes, improved curb and gutter, consistent park strips, and upgraded sidewalks on Nebo Beltway Phase I and Main Street (north of 600 North). Connection to dedicated bike lanes to the planned Highway 198 Connector Trail, thereby improving connectivity throughout the study area. 							
			Air Quality					
	 Little ef ozone, greenh Unlikely monoxi 	fect on pollut nitrogen diox ouse gases. to cause an de, or_urban	tant concent kide, sulfur dic exceedance air toxins.	rations for PM oxide, lead, a e in air quality	M10 and PM2.5, Ind other polli Vistandards fo	carbon mon utants such a or PM10, PM2.5,	oxide, s carbon	

TABLE ES-1

Summary of Environmental Impacts

Alternative								
Kesource	No-Build	11	C1	C3	C4	R1	R2	
	 Not a p 	project of air c	quality conce	ern.				
	 Alterna 	tive I1 could	have the low	est CO ₂ emis	sions followed	d by alternativ	/es R2, C4,	
	C1, and	C1, and C3. Vehicle delay under the No-Build Alternative would have nearly six						
	times g	times greater than Alternative I1, which could lead to more greenhouse gas						
	emissio	emissions.						
			Noise					
Impacts	0	113	106	108	114	78	0	
Impacts After Mitigation	0	62	59	58	59	39	0	
X	Wate	er Quality, Wo	ater Resource	s and Floodp	lains	•		
	 Alterna 	tive C3 would	d impact 0.06	acres of Bee	er Creek; the	existing culve	rt carrying	
	Beer Cr	eek under I-1	5 would be e	extended or r	eplaced to a	iccommodat	e ramp	
	widenir	ng.						
	 None o 	f the alternat	ives would a	ffect designa	ted floodplai	ins.		
	 Increas 	e in impervio	us areas wou	ld increase p	eak stormwa	iter runoff. Dro	ainage	
	design	would includ	e detention p	oonds resultin	g in no net in	crease in disc	charge to	
	receivir	ng facilities.						
	 None o 	f the alternat	ives would a	ffect surface	water quality	in the study	area.	
	Implem	enting a con	nbination of s	ettling and fi	Itering techni	ques would e	ensure that	
	surface	surface water quality would not deteriorate as a result of the proposed						
	improve	ements.						
	 None o 	f the alternat	ives would in	npact aquife	rs, groundwa [.]	ter recharge,		
	ground	water quality	r, or drinking \	water sources	5.	-		
	0	Wetlands &	Other Water	s of the U.S.				
Wetland (acres)	0	0.54	3.98	5.39	2.38	1.81	3.91	
Ditches (linear feet)	0	1,749	2,823	4,665	3,114	2,657	3,413	
Beer Creek (acres)	0	0	0	0.06	0	0	0	
	Wi	Idlife & Threat	lened & Endo	ingered Spec	ies			
Ute Ladies'-tresses (sites/acres)	0 / 0.00	6 / 0.43	21 / 3.77	19 / 5.18	16 / 2.35	13 / 1.71	17 / 3.70	
Distance from Raptor Nest (miles)	0.0	0.18	0.08	0.08	0.18	0.21	0.08	
	US Fish	and Wildlife S	ervice (USFW	(S) finding of I	Not likely to A	dversely Affe	ct Ute	
	ladies'-	tresses for the	e Preferred Al	ternative (C1).			
	 No effe 	ect to other fe	ederally listed	or Utah Sens	itive species.			
		Cu	Itural Resour	ces				
Number of Adverse Effects	0	21	0	0	2	2	0	
		Sect	ion 4(f) Resou	urces	•	•		
Greater than de minimis	0	21	0	0	2	2	0	
De minimis	0	11	7	7	5	5	7	
= • · · · · · · · · · · ·								
Temporary	0	13	А	Δ	3	0	1	
Uccupancy	0	10	+	4	5	0	I	

TABLE ES-1 Summary of Environmental Impacts

Deserves	Alternative								
Kesource	No-Build	1	C1	C3	C4	R1	R2		
	Hazardous Materials								
Risk of Encountering Hazardous Materials Sites (Low/Moderate/Hiah)	0/0/0	1/3/1	1/1/1	1/1/1	1/2/1	1/2/1	1/1/1		
Visual Quality									
I-15	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral	Neutral		
Main Street	Neutral	Adverse	Neutral	Neutral	Neutral	Neutral	Neutral		
Nebo Beltway Phase I	Neutral	N/A	Adverse	Adverse	Adverse	Adverse	Adverse		
			Energy		•				
Increase in Fuel Consumption Over Current Levels (percent)	26.4	27.3	35.2	34.2	34.7	35.2	34.7		
		Inc	direct Effe	cts					
Induced Growth	Development is expected to occur regardless of whether or not the project is constructed. The No-Build Alternative and Alternative I1 could continue the current development patterns and pace of development. The location of the additional or relocated interchange and alignment of Nebo Beltway Phase I under Alternatives C1,								
	high-density residential versus low-density residential), and alter development patterns to closely resemble the <i>Bamberger Ranch P-C Zone Plan</i> Maximum Development Scenario. Alternatives C4 and R1 could accelerate development and increase the intensity of land uses near the interchange and Nebo Beltway Phase I; the current pace of development and planned development patterns (i.e., lower intensity land uses) could occur beyond the interchange and Nebo Beltway Phase I								
Land Use	Development under each alternative would most likely be consistent with the desired development patterns described in the Payson City General Plan. The Utah County General Plan seeks to preserve the rural agricultural character of the unincorporated areas. Under the C and R alternatives, short segments of Nebo Beltway Phase I would cross unincorporated Utah County, which would be inconsistent with the intention of the Utah County General Plan to preserve the rural and agricultural character								
Farmland	Under the No-Build Alternative and Alternative II, farmland could be consumed at the current rate of development. Farmland could be converted at a faster rate under Alternatives C1, C3, and R2. Alternatives C4 and R1 could result in a slightly faster conversion rate compared to No-Build Alternative, but a slower rate compared to Alternatives C1, C3, and R2.								
Social Environment	in the green to distinguis town charce reduced tro a result the built enviro	nbelt surround hone town f acter and the affic volumes area could t nment and th	ding Payson. from the othe community' on Main Stre pecome bligh	As Payson ar r, thereby pc s connection et could cau nted. This cou y's connection	nd Salem men otentially dimi to Payson. U use some busi uld diminish th on to Payson.	rge it could b nishing Payso nder the R Al nesses to clos	e difficult n's small ternatives, se, and as ce of the		

TABLE ES-1

Summary of Environmental Impacts

D		Alternative						
Resource	No-Build	1	C1	C3	C4	R1	R2	
Economic Conditions	No-Build A	Iternative co	uld have a lo	ng-term adve	erse impact o	n potential e	mployment,	
	sales, and	property valu	Jes associate	d with the Mo	ain Street corr	idor because	e of	
	increased	increased concestion. Acquisition of property on Main Street and SR-198 could leave						
		congestion. 7	areals that a	piopeny on		data farrada	volopmont	
	Uneconor	nic remnani p					velopment,	
	potentially	/ discouraging	g further inve	stments in the	e corridor. Alfe	ernatives CT,	C3, and R2	
	could hav	e the greates	st economic	development	potential be	cause develo	pment	
	could occ	our at a faster	rate, result in	a larger pop	ulation due to	o higher resid	ential	
	densities,	and more dive	erse job opp	ortunities. Alte	ernatives C4 c	ind R1 could	result in	
	higher em	ployment and	d larger com	mercial areas	s compared t	o the No-Build	b	
	Alternativ	e. but mav na	ot provide the	e same econo	omic develop	ment opport	unities	
	relative to	Alternatives (C1 and $C3$ Ir	addition the	= R alternative	es could wea	ken the	
	compotiti	vonoss and ov		nility of froow	av dopondon	t businesses (n north	
	Main Stree	er. Overall, as	developmer	it continues u	naer all alferr	natives, agric	Jitural jobs	
	could be i	replaced with	various com	imercial and	industrial jobs	and Payson'	s fax base	
	could incr	ease over tim	ie.					
Water Quality	Increases	in impervious	surfaces resu	Iting from ind	uced develo	pment under	all build	
	alternative	es could incre	ase the likelil	hood of surfac	ce waters bed	coming conto	aminated	
	with pollut	ants. Induced	d developme	ent associated	d with Alterna	tives C1, C3,	and R2	
	could hav	e more imper	rvious surface	es compared	to the other b	ouild alternati	ves with	
	the No-Bu	ild Alternative	and Alterna	tive 11 havina	the least am	ount of impe	rvious	
	surfaces 1		for advorso ir	no dete to dro	undwater au	ality to occur		
	sultare etti							
	alternative	es, incluaing fi	ne No-Bulia A	Alternative, co	ouia increase.	Likely contai		
	sources co	sula incluae le	eaking under	grouna storag	ge tanks from	gas stations	or industrial	
	sites.							
Wetlands	As agricul	tural lands are	e taken out o	f production	under all altei	natives by fu	ture	
	developm	ent, changes	s to the irrigat	tion systems c	ould change	the surface v	vater	
	hydrology	associated w	vith ditches a	nd wetlands.				
	Non-nativ	e or noxious si	pecies introd	uced by vehi	cles travellinc	alona Nebo	Beltway	
	Phase I co	uld be disper	sed into adic	icent wetland	ds and event	ally overtake	native	
		eastation In	indating wet	lands with sta	rmwater cou	Id alter the cu	omposition	
				ian ta dinainial				
		na animai spe			ning water qu	ality, noweve		
	anticipate	a that stormy	vater runott v	vould inundat	te adjacent v	vetlands or ho	ave a	
	noticeable	e indirect effe	ect on wetlar	id water quali	ity.			
	Bisecting	wetlands coul	d alter their h	nydrology and	d diminish the	size and qua	ility of the	
	remaining	wetland area	as.					
	Bisected V	Vetlands by A	Iternative (No	ote: 41 individuo	al wetlands we	re delineated i	n the study	
	area)	-						
	No-Build	11	C1	C3	C4	R1	R2	
	N/A	None	W-2e	W-2e	W-7b	W-7b	W-2e	
	,,,		W_2f	W_2f	Wgh	Wgb	W_2f	
					VV-70	W-70		
			VV-6	VV-6		VV-13	VV-6	
			W-7b	W-7b			W-7b	

TABLE ES-1 Summary of Environmental Impacts

Deserves	Alternative						
Resource	No-Build	11	C1	C3	C4	R1	R2
			W-9b	W-9b			W-9b
Wildlife and Threatened & Endangered Species	Development could decrease potential habitat for the Ute ladies'-tresses. Induced growth under each alternative could remove wetlands that may serve as suitable habitat for Ute ladies'-tresses. Alternative R1, in particular, would increase the likelihood of induced growth in the vicinity of the individual Ute ladies'-tresses identified in 2017. Under Alternative R1, Main Street would be realigned closer to the plant population such that additional infrastructure would not be required to access the property upon which the plants are located. Stormwater impacts to the known plant population are not anticipated under any alternative. Changes in the landscape from rural open space to developed could reduce potential nesting, foraging, and breeding habitat for migratory birds, including raptors.						
Visual Quality	The rural, agricultural character of the natural environment could be urbanized at various rates under each alternative. Viewers may initially perceive urbanization of the natural environment as an adverse effect because it could strongly contrast with the surrounding agricultural landscape; however, viewer sensitivity may diminish over time as development dominates the landscape.						
Energy	Constructi manufact forms and	ion of the pro uring of mate amounts of e	ject could re rials and equ energy coulc	sult in the off-s uipment need I be required t	ite mining, p ed to constru o support the	rocessing, and oct the projec ase activities.	d t. Various
		Cum	ulative In	npacts			
Farmlands	It is expec unlikely th	ted that farm at the projec [.]	land would k would result	be lost with or t in substantive	without the p cumulative	project. Theref impacts to fa	ore, it is Irmland.
Air Quality	All regiono Ambient A	ally significant Air Quality Sta	transportation ndards. No c	on projects wil cumulative imp	l be in comp pacts to air q	liance with th uality are anti	e National icipated.
Wetlands	The loss of wetlands could contribute to the cumulative loss of wetlands in Utah County; however, the project proposes to mitigate for direct wetland impacts such that there will be no net loss in wetlands, and therefore no cumulative effects.						
Wildlife and Threatened & Endangered Species	There is no could serv Utah Cour such that this reasor	o designated re as suitable nty; however, there will be r n there are no	critical habit habitat coul the project no net loss in anticipated	at for Ute ladie d contribute to proposes to m wetlands, and I cumulative in	es'-tresses. Th o the cumulc itigate for dir d therefore no npacts to Ute	e loss of wetle itive loss of we ect wetland i o cumulative e ladies'-tresse	ands that etlands in mpacts effects. For es.

PM: particulate matter

1. Alternatives with a total rating less than 160 points do not require further consideration for protection (i.e., mitigation and consideration of alternative alignments). Conversely, alternatives with a total rating of 160 points or more receive greater consideration for protection.

2. Based on a 1-10 scale, with 1 representing little economic benefit and 10 representing maximum benefit to Payson City.

ES.8 PREFERRED ALTERNATIVE

Pursuant to 23 CFR 771.125(a)(1), the lead agency must identify the preferred alternative in the Final EIS. All six candidate build alternatives—to varying degrees would satisfy the project's purpose and need and would result in different impacts to the natural and built environment. Identification of the Preferred Alternative was based on balancing multiple considerations including the purpose and need, engineering design and traffic operations, impacts, community and economic considerations, cost, competing regulatory mandates, and public and agency input. UDOT has identified Alternative C1 (see Figure ES-10) as the Preferred Alternative, as described below.

ES.8.1 Purpose and Need

All build alternatives would meet the purpose and need—they would reduce expected (2040) roadway congestion at the Main Street interchange and on Main Street and would address the current design deficiencies. The differences in interchange and Main Street level of service and interchange vehicle between alternatives was not substantial enough to separate one alternative from another.

Because LOS and vehicle delay at the interchange and on Main Street were similar under each build alternative, UDOT examined differences in engineering design components and overall study area traffic operations, and the distribution of I-15 traffic to the surrounding roadway network between the build alternatives to identify the preferred alternative. The results of this analysis are included in Section ES.8.2

ES.8.2 Additional Design and Operational Considerations

Total vehicle delay was used to measure the overall traffic performance in the study area and was an important metric considered during the preferred alternative selection process. Total study area delay is a commonly used metric due to its ability to represent all traffic performance in any give area as a single number. Beyond just traffic congestion, lower vehicle delay also improves air quality, decreases commuting costs and economic impacts, and enhances quality of life. Table ES-2 shows that Alternative C1 is has the lowest overall study area delay in 2040.

The results of an origin-destination analysis—shown in Table ES-3—provide a general idea of how, for each alternative, traffic to and from I-15 is distributed to the surrounding roadway network. The circle around I-15 shown on Figure ES-11 represents a screenline that all trips to and from I-15 pass through. Table ES-3 shows that the R and C alternatives do the best job of distributing traffic to Main Street and Nebo Beltway Phase I, which are the two arterial roads that pass through the study area and are the most capable of carrying traffic to and from I-15 in 2040. However, the R alternatives also add the most traffic to 600 East, which is a heavily residential street that is sensitive to additional traffic.

FIGURE ES-10 Preferred Alternative (Alternative C1)



TABLE ES-2 Traffic Performance in 2040

	Level of	Service		Average Daily
Alternative	Interchange	Main Street	(seconds/vehicle)	Study Area (hours)
No-Build (2040)	F	F	218	3,320
11: Long-span Structure	В	С	24	520
R1: Relocate Near	В	D	24	510
R2: Relocate Far	В	С	18	460
C1: Braided Ramps	В	D	21	430
C3: Frontage Road Ramps	В	С	20	500
C4: Split Diamond	В	С	24	570

TABLE ES-3

Percent Distribution of 2040 Trips to/from I-15

Alternative	North Main Street (percent)	900 North (percent)	Arrowhead Trail (percent)	Nebo Beltway Phase I (percent)	600 East (percent)	South Main Street (percent)
No-Build (2040)	5	16	3		1	74
11: Long-span Structure	5	8	4			82
R1: Relocate Near	4	16	4	15	18	43
R2: Relocate Far	5	8	2	32	16	36
C1: Braided Ramps	6	20	2	21	4	48
C3: Frontage Road Ramps	3	16	2	24	5	51
C4: Split Diamond	3	21	3	9	12	52



FIGURE ES-11 Origin/Destination for Trips to/from I-15

The location of Nebo Beltway Phase I influences the engineering design and distribution of traffic. When located farther south—0.2 miles from Main Street for Alternatives C4 and R1—Nebo Beltway Phase I is a less attractive route and draws a lower percentage of traffic. This is likely because people in vehicles desiring to travel north on I-15 from the east side of Payson would have to travel farther out of direction to reach I 15 and would prefer to use the Benjamin interchange—the next interchange to the north. When located farther north—0.7 miles from Main Street for Alternatives C1, C3, and R2—Nebo Beltway Phase I becomes a more

attractive route and would result in the highest share of traffic on Nebo Beltway Phase I.

Alternatives C4 and R1 would require reconstruction of mainline I-15—raising the grade for approximately 3,000 feet—because I-15 would need to go over both Nebo Beltway Phase I and Main Street. Reconstructing the mainline would result in maintenance-of-traffic complications during construction. These alternatives would require horizontal and vertical realignment of the railroad.

The C alternatives would provide two interchange connections to I-15. An additional interchange would result in improved regional mobility, improved network connectivity, and better emergency response times. The C alternatives would provide better accessibility to the area west of I-15 because Main Street would be realigned to directly connect to 900 North.

In summary, when considering engineering design and traffic operations, Alternatives C1 and C3 provide the combined benefits of two interchange connections and an optimal Nebo Beltway Phase I alignment. Alternative C1 would result in less overall delay in the study area compared to Alternative C3.

ES.8.3 Impacts

When considering impacts to the natural and built environment, alternatives were distinguished primarily by right-of-way and impacts to WOUS, Section 4(f) historic sites, and farmland. Impacts to these resources are summarized in Table ES-4 (see Chapter 3 for more detail). Alternative I1 would result in the greatest impact to the built environment (right-of-way and Section 4(f) historic sites) and the smallest impact to the natural environment (WOUS and farmland). In comparison, the C and R alternatives would result in a greater impact to the natural environment and a smaller impact to the built environment. Amongst the C and R alternatives, those with Nebo Beltway Phase I located farther north—Alternatives R2, C1, and C3 would result in greater impacts to WOUS and farmland, but would avoid Section 4(f) historic sites.

TABLE ES-4

Comparison of Impacts to Key Resources								
	Land Acquisition a	Ind Relocations	WOUS	Section 4(f)	Prime & Statewide			
Alternative	(full acquisitions/ relocations/ acres)	(partial acquisitions/ acres)	(wetland acres/ linear feet of ditches/ Beer Creek acres)	Historic Sites (greater than de minimis use)	Important Farmland (acres/ rating1)			
No-Build	0/0/0	0/0	0/0/0	NA	0/NA			
11: Long- span Structure	45/41/24.2 22 residential 17 commercial	83/17.0	0.54/1,749/0	20 buildings removed; adverse effect to historic district	15.2/123			
R1: Relocate Near	7/4/16.6 1 residential 1 commercial	59/61.3	1.81/2,657/0	2 historic buildings no longer eligible for NRHP	65.3/143			
R2: Relocate Far	1/1/1.9 0 residential 1 commercial	43/99.1	3.91/3,413/0	0	91.3/139			
C1: Braided Ramps	8/5/15.1 0 residential 5 commercial	75/100.9	3.98/2,823/0	0	95.4/139			
C3: Frontage Road Ramps	8/5/15.1 0 residential 5 commercial	73/97.5	5.39/4,665/ 0.06	0	93.2/139			
C4: Split Diamond	10/6/17.8 1 residential 5 commercial	66/62.2	2.38/3,114/0	2 historic buildings no longer eligible for NRHP	68.4/143			

1. National Resources Conservation Service Conversion Impact Rating (higher rating indicates greater impact)

ES.8.4 Community, Economic, and Social Considerations

Consideration related to the community, economy, and social environment focused on existing and planned development and Payson's historic character. Alternative I1 would require the removal of 17 commercial and 22 residential properties along Main Street and SR-198. It would impact a relatively high percentage of buildings in the core area of Main Street's historic residential area, including two that are individually listed on the NRHP. Alternative I1 would adversely affect the Payson Historic District and diminish the historic character that is important to the community.

The R alternatives would remove the direct connection between Main Street and I-15. The competitiveness economic viability of freeway-dependent and businesses on north Main Street could be weakened compared to locations with a direct connection at Nebo Beltway Phase I or 800 South. Right-of-way impacts would result in partial acquisitions, leaving operate despite businesses to weakened competitiveness. Other businesses on Main Street, SR-198, and in downtown Payson are less dependent on freeway traffic but still benefit from the convenience of the existing Main Street interchange. Closing the existing Main Street interchange could potentially lead to blight, threaten redevelopment prospects, diminish the community character of north Main Street, and make these commercial properties less desirable for existing and future business redevelopment over time.

Alternatives C1, C3, and R2 would be the most conducive to maximizing development potential (i.e., increasing density) for the Bamberger Ranch (750-acre Planned Community Zone, approved by Payson City in 2011) due to the location of Nebo Beltway Phase I. In comparison, Alternatives C4 and R1 would be less conducive. Alternative I1 would not benefit the Bamberger Ranch development.

The C alternatives would improve emergency response times and provide multiple routes from I-15 to Mountain View Hospital. They would also provide continued access to I-15 from Main Street without widening Main Street to accommodate future travel demand and would require no out-of-direction travel to access Main Street from I-15.

ES.8.5 Cost

The preliminary cost estimates of each alternative includes preliminary engineering, right-of-way acquisition, construction, and mitigation. Table ES-5 lists the cost in 2020 dollars and provides a percentage comparison. Alternative C1 would cost the most and Alternative R2 would cost the least. Given the scale of the project and the importance of the other comparison criteria, cost difference was not a determinative factor.

ES.8.6 Public and Agency Input

Public input regarding the project was received as comments, emails, informal polling results, and a resident-organized petition. A public open house was held on December 3, 2015 to inform and gather public input on the alternatives analysis process. Overall, the C alternatives were the most popular and Alternative C1 received the most support. At the public open house participants of an informal polling activity overwhelmingly supported the C alternatives. After the public open house, to emphasize support for the C alternatives, a Payson City resident circulated a petition through the community and received 421 signatures.

Table	ES-5	
Cost	Com	parison

Alternative	Cost (2020 dollars)	Percentage of Highest Cost Alternatives
No-Build	0	0
11: Long-span Structure	\$125M	68
C1: Braided Ramps	\$183M	100
C3: Frontage Road Ramps	\$162M	89
C4: Split Diamond	\$145M	79
R1: Relocate Near	\$146M	80
R2: Relocate Far	\$109M	60

Email-submitted comments received after the public open house expressed concern with impacts to historic homes on Main Street under Alternative I1. Members of the stakeholder working group expressed concerns with the economic viability of businesses on north Main Street if the interchange were to be relocated under the R alternatives.

Agency input regarding the project was received through formal scoping letters, during agency coordination meetings, and through email correspondence. During USACE scoping, recommended developing alternatives sufficient to meet requirements of Section 404(b)(1) Guidelines. Following alternative development and screening, USACE, EPA, and USFWS expressed concerns regarding indirect impacts and induced growth related to Nebo Beltway Phase I. USFWS and EPA further expressed concerns related to identification of the least environmentally damaging practicable alternative and compatibility with Section 404(b)(1) Guidelines.

ES.8.7 Consideration of the Clean Water Act Section 404(b)1 Guidelines

Section 404(b)(1) Guidelines (40 CFR 230) establish requirements which must be met in order for USACE to issue a permit under Section 404 of the Clean Water Act. The regulations establish a presumption,

SECTION 404(b)(1) GUIDELINES

The guidelines establish requirements that must be met for USACE to issue a Section 404 Permit. One is there must be no "practicable alternative...which would have less adverse impact on the aquatic ecosystem, so long as the alternative does not have other significant environmental consequences." This requirement is known as the least environmentally damaging practicable alternative (LEDPA) requirement.

for non-water dependent projects, that practicable alternatives are available to avoid wetlands and other special aquatic sites. An alternative is "practicable" if it is "available and capable of being done after taking into consideration cost, existing technology, and logistics in light of overall project purposes." USACE can only issue a permit if there is no "practicable alternative to the proposed discharge which would have less adverse impact on the aquatic ecosystem," unless that other alternative has "other significant adverse environmental consequence."

No alternative completely avoids wetlands or other WOUS as shown in Table ES-4. Any of these alternatives would require an individual 404 permit from USACE. The practicability of alternatives that include greater than *de minimis* impacts to Section 4(f) resources is unclear, in light of Section 4(f)'s prohibition on uses of Section 4(f) resources where feasible and prudent avoidance alternatives exist. Alternative I1 would result in the least adverse impacts to wetlands and other WOUS; however, it would result in significant impacts to historic sites protected under Section 4(f). It would result in the removal of 20 historic buildings, 18 of which are contributing within the Payson Historic District. Section 4(f) is a competing legal mandate which outlines the conditions required for UDOT to select a preferred alternative with greater than *de minimis* impacts to Section 4(f) properties (see Section 3.17 for more information). Alternative I1 would also result in the greatest right-of-way impacts.

Alternatives C4 and R1 would result in lesser impacts to wetlands and other WOUS compared to Alternatives C1, C3, and R2 because the Nebo Beltway interchange would be located farther south, where there is less hydrology to support wetlands. However, Alternatives C4 and R1 would result in greater than *de minimis* impacts to two Section 4(f) properties. Alternative C4 would also result in slightly greater right-of-way impacts when compared to Alternatives C1, C3, and R2.

Alternatives C1 and R2 would result in similar direct impacts to wetlands and other WOUS. Alternative C3 would result in the greatest impacts to wetlands and other WOUS. None of the three result in greater than *de minimis* impacts to Section 4(f) properties. The smaller wetland impact was an important factor for UDOT selecting Alternative C1 as the Preferred Alternative over Alternative C3.

The alignment of Nebo Beltway Phase I under the build alternatives was shifted to the extent feasible to avoid or minimize impacts to wetlands W4a, W4b, W5, W6, W7a, W8, and W9a while maintaining UDOT and AASHTO design standards and a connection to future phases of Nebo Beltway (see Figure 3.14-2). In addition, modifications were considered to shift the location of the Nebo Beltway Phase I interchange under Alternatives C1, C3, and R2 closer to the Main Street Interchange, but north of alternatives C4 and R1, to minimize wetland impacts. To achieve a substantial reduction in wetland impacts, the interchange would need to be shifted approximately 0.3 miles south, which would require relocating the Utah Municipal Power Systems power plant. UDOT determined relocating the power plant would be too costly—over \$100 million based on the original cost of the power plant in 2003 (Deseret News 2003)—and would result in a cost which is substantially greater than typical, which is not considered a reasonable expense. Shifting the interchange farther north would result in greater impacts to wetlands (see Figure 3.14-2 and Figure 3.14-6).

Alternatives C1, C3, and R2—and to a lesser degree Alternatives C4 and R1—may induce growth at a faster rate compared to the No-Build Alternative and Alternative I1 due to the improved access to currently undeveloped areas. However, other external factors must align for development to occur (e.g., market conditions; access to water, sewer, gas, and electric utilities; land use ordinances; and political climate). Regardless of this project or preferred alternative, population growth and subsequent conversion of agricultural uses along with the redevelopment of aging commercial properties is inevitable.

The decision-making responsibility under Section 404(b)(1) Guidelines rests with USACE. A final decision will be made when a permit is issued.

ES.8.8 Conclusion

After considering all of these factors, UDOT selected Alternative C1 as the Preferred Alternative. Alternative C1 would perform best with respect to the project purpose and need—it would result in the lowest average daily vehicle delay in the study area, which is a commonly used measure of overall congestion and network efficiency. From a design and operations perspective, it would provide the combined benefits of two interchange connections and an optimal Nebo Beltway Phase I alignment. It would avoid greater than *de minimis* impacts to Section 4(f) resources. Although it would result in greater impacts to wetlands and other WOUS compared to some alternatives, UDOT does not believe those impacts, after mitigation, are so severe as to outweigh the other factors discussed in this section. Finally, Alternative C1 has the greatest support from the community.

ES.9 PUBLIC & AGENCY OUTREACH & INPUT

The program and activities for public involvement and agency coordination undertaken for the I-15, Payson Main Street Interchange EIS project were conducted between February 2015 and November 2017. Coordination and outreach activities included an agency and public scoping period; a public open house meeting; specialized meetings with agencies, a stakeholder working group, interested stakeholders, and city leaders; a public hearing and comment period following publication of the Draft EIS; maintenance of а project website (www.udot.utah.gov/paysoneis); and distribution of various outreach materials. The public, agency, and stakeholder involvement effort for the project was designed to be inclusive, comprehensive, transparent, and continuous throughout the course of the project.

The official 45-day comment period for the Draft EIS began on September 29, 2017, and continued through November 13, 2017. A public hearing was held on October 26, 2017, at Payson High School. Approximately 133 people attended the open house-style public hearing. A total of 35 public and agency comments were received during the official comment period. The project team reviewed and provided a response to each substantive comment (see Section 4.3.6 for more information). Some of these comments warranted changes from the Draft EIS to the Final EIS, which are summarized in Section ES.10.

ES.10 CHANGES FROM THE DRAFT EIS

The following summarizes substantive changes that were made from the Draft EIS to the Final EIS:

- Corrected wetland impact numerical discrepancies in tables 2-5, 2-11, ES-1, and ES-4
- Included information regarding the purpose and alignment process of Nebo Beltway Phase I in Section 2.3.5
- Added two new proposed residential developments to Section 3.1 and Figure 3.2-7
- Added Project of Air Quality Concern Determination to Section 3.11
- Changed the PM_{2.5} nonattainment status from moderate to severe in Section 3.11
- Added qualitative discussion of greenhouse gas emissions under each alternative in Section 3.11.3
- Added 2017 Ute ladies'-tresses survey results to Section 3.15, including Figure 3.15-2
- Added summary of consultation with the U.S. Fish and Wildlife Service under Section 7 of the Endangered Species Act, which resulted in a Not Likely to Adversely Affect Ute-ladies'tresses determination for the Preferred Alternative to Section 3.15.3
- Provided further traffic analysis to Section 3.23.3 to show that the Preferred Alternative would be able to handle the substantial increase in traffic from the Bamberger Ranch Maximum Development Scenario
- Removed statements from Section 3.23.5 that alternatives R2, C1, and C3 would result in fewer indirect impacts to wetlands because these alternatives are consistent with the *Bamberger Ranch P-C Zone Plan* Maximum Development Scenario, which includes open

space where wetlands are the most concentrated

- Included indirect impacts to wetlands from the roadway under each alternative in Section 3.23.5
- Included indirect impacts under Alternative R1 to individual Ute ladies'-tresses plants identified during the 2017 survey in Section 3.23.5

ES.11 NEXT STEPS

UDOT will issue a Record of Decision (ROD) no sooner than 30 days following publication of the Final EIS pursuant to 23 CFR 771.127. The ROD will constitute UDOT's official decision and action for the project under NEPA, meaning that UDOT can proceed with right-of-way acquisition and final design of the project when funding becomes available. FHWA, on behalf of UDOT, will publish a notice in the Federal Register, pursuant to 23 USC 139(I)(1), indicating that one or more federal agencies has taken final action permits, licenses, or approvals for this on transportation project. After the notice is published, claims seeking judicial review of the final action will be barred unless such claims are filed within 150 days after the date of publication of the notice, or within such shorter time period as is specified in the federal laws pursuant to which judicial review of the federal agency action is allowed.

There is currently no funding for construction of this project. The project is included in MAG's (planning organization responsible for long-range transportation planning in the region) regional transportation plan as a Phase 1 project that is planned between 2015 and 2024.