

Little Cottonwood Canyon Environmental Impact Statement (EIS) Update





Little Cottonwood Canyon

**ENVIRONMENTAL
IMPACT STATEMENT**

S.R. 210 | Wasatch Blvd. to Alta

Utah Transit Authority Board
July 28, 2021

Project Overview

The project purpose is to substantially improve transportation-related safety, reliability and mobility on S.R. 210 from Fort Union Boulevard through the Town of Alta for all users on S.R. 210.



Alternative Impacts Summary

ALTERNATIVE	Meets Project Purpose and Need				Natural/Built Environment Impacts						Costs	
	 Substantially Improve Average Per Person Travel Time (Across all travel modes for each user)	Substantially Reduce Vehicle Backup Distance from S.R. 209/S.R. 210 Intersection (Feet)		 Visual change	 Air quality standards exceeded	 Impacted noise receptors	 Water quality standards exceeded	 Relocations	 Section 4(f)	 Capital costs	 O&M costs	
		 On S.R. 209	 On S.R. 210									
No-Action Alternative	80-85 MIN	6,700	13,000	None	No	173	No	0	0 Sites	-	-	
 ENHANCED BUS NO ADDITIONAL ROADWAY CAPACITY IN LCC	46 MIN	1,275	4,300	Low	No	173 + 57 <small>No-action baseline Alternative noise impact</small>	No	1 <small>(already acquired)</small>	1 Site	\$355 M	\$14 M <small>Winter</small>	
 ENHANCED BUS WITH ROADWAY WIDENING FOR PEAK-PERIOD (SHOULDER LANE) IN LCC	37 MIN	350	3,050	Medium	No	173 + 60 <small>No-action baseline Alternative noise impact</small>	No	1 <small>(already acquired)</small>	1 Site	\$510 M	\$11 M <small>Winter</small>	
 GONDOLA A (FROM LCC PARK-AND-RIDE) WITH BUS FROM MOBILITY HUBS NO ADDITIONAL ROADWAY CAPACITY IN LCC	46 MIN	350	3,050	High	No	173 + 57 <small>No-action baseline Alternative noise impact</small>	No	1 <small>(already acquired)</small>	1 Site	\$561 M	\$9.5 M <small>Winter</small> \$5 M <small>Summer</small>	
 GONDOLA B (FROM LA CAILLE) WITH BUS FROM MOBILITY HUBS NO ADDITIONAL ROADWAY CAPACITY IN LCC	43 MIN <small>Driving to base station</small> 45 MIN <small>Bus to base station</small>	350	3,050	High	No	173 + 57 <small>No-action baseline Alternative noise impact</small>	No	1 <small>(already acquired)</small>	1 Site	\$592 M	\$7.6 M <small>Winter</small> \$3 M <small>Summer</small>	
 COG RAIL (FROM LA CAILLE) WITH BUS FROM MOBILITY HUBS NO ADDITIONAL ROADWAY CAPACITY IN LCC	43 MIN <small>Driving to base station</small> 45 MIN <small>Bus to base station</small>	350	3,050	Medium	No	173 + 58 <small>No-action baseline Alternative noise impact</small>	No	1 <small>(already acquired)</small>	1 Site	\$1.106 B	\$7 M <small>Winter</small> \$2.2 M <small>Summer</small>	

Preferred Alternative(s)



ENHANCED BUS

WITH ROADWAY WIDENING FOR
PEAK-PERIOD (SHOULDER LANE) IN LCC

The alternative that best meets the **MOBILITY** goal

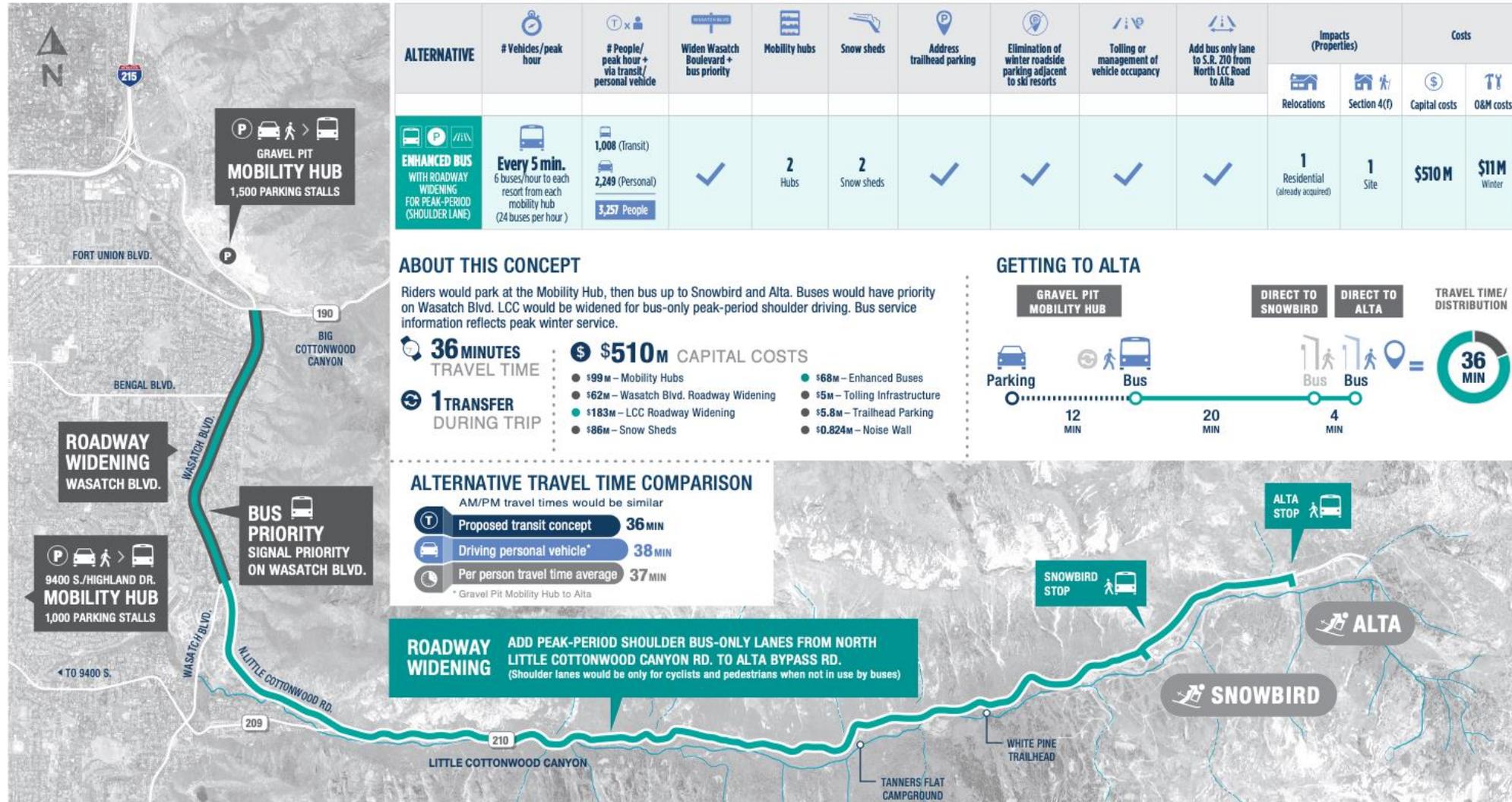


GONDOLA B (FROM LA CAILLE)

WITH BUS FROM MOBILITY HUBS
NO ADDITIONAL ROADWAY CAPACITY IN LCC

The alternative that best meets the **RELIABILITY** goal

Enhanced Bus Service (in Peak-Period Shoulder Lane)

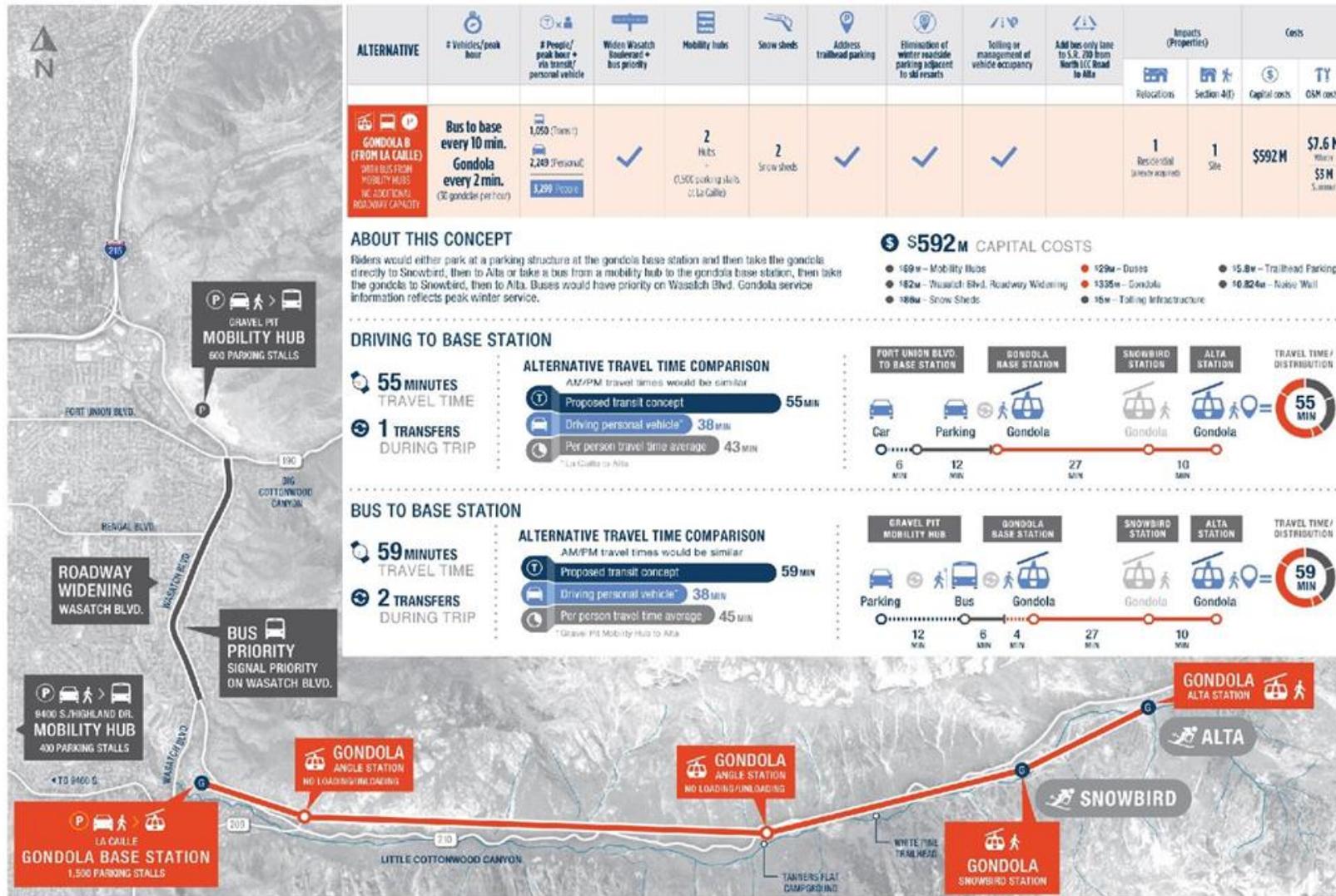


Enhanced Bus Service (in Peak-Period Shoulder Lane)



- Fastest travel time
- Second *lowest* cost
- Shoulders would become pedestrian/cyclist lanes when not in use
- Less visual impact but greater loss of wildlife habitat and increased roadway surface
- Reliability reduced during snowstorms or accidents
- Shoulders provide added safety but place faster moving buses adjacent to slower moving vehicles in general travel lane

Gondola B (from La Caille)

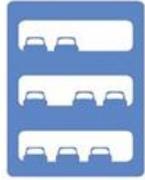


Gondola B (from La Caille)



- 1,500 parking spaces at La Caille base station reduces need for bus service, and improves mobility due to lower travel time & less transit mode shifts
- Second *highest* cost
- Highest visual impacts but low impacts to wildlife movement, watershed, and climbing boulders
- Improves reliability & safety by being non-roadway based, and having less vehicles to potentially be involved in crashes

Alternative Commonalities



Mobility Hubs at Gravel Pit and 9400 South/Highland Drive



Widen Wasatch Boulevard Five-lane Alternative



Snow Sheds with Realigned Road Alternative



Trailhead Improvements and No Roadside Parking within 1/4 Mile Trailhead Parking Alternative



No Winter Parking Alternative



Tolling

June 25 - August 9, 2021

Provide comments through:



LittleCottonwoodEIS.udot.utah.gov



LittleCottonwoodEIS@utah.gov



Little Cottonwood Canyon EIS c/o HDR
2825 E. Cottonwood Parkway, Suite 200
Cottonwood Heights, UT 84121



801-200-3465

In-Person Public Hearing July 13, 2021

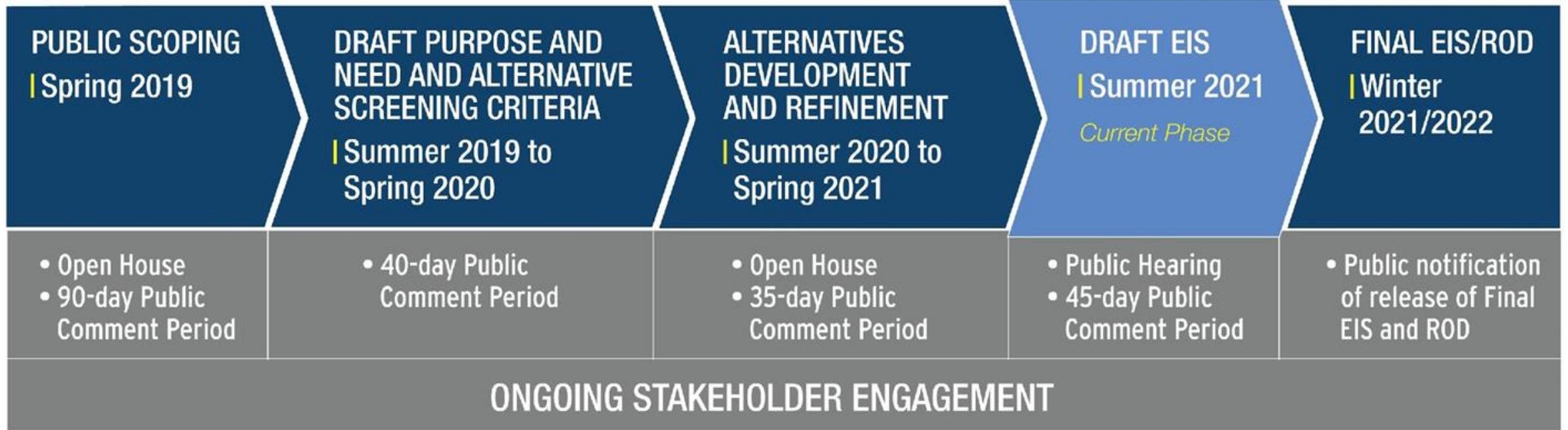
Open House	4:30-8:30 p.m.
Presentation	6:00-6:30 p.m.
Hearing	6:30-8:30 p.m.

Butler Middle School
7530 S. 2700 E.
Cottonwood Heights, UT 84121

Virtual Public Hearing July 20, 2021

Presentation	6:00-6:30 p.m.
Hearing	6:30-8:30 p.m.

Process and Schedule





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