

Big Cottonwood Canyon

SR-190 | Ft. Union Blvd. to Brighton

STUDY
by UDOT

Cottonwood Heights City Council November 19, 2024

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 U.S.C. 327 and a Memorandum of Understanding dated May 26, 2022, and executed by FHWA and UDOT.

Preliminary Project Purpose

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The purpose of the Big Cottonwood Canyon environmental study is to evaluate tolling and enhanced bus service to address wintertime traffic congestion management on State Route (SR) 190 in Big Cottonwood Canyon as directed by the Utah State Legislature in Senate Bill 2 (SB 2) (2023).

SB 2 specifies and directs UDOT to use certain legislature-allocated funds to “*provide enhanced bus service, tolling, a mobility hub, and resort bus stops for Big and Little Cottonwood Canyons.*”



Study Area Map

Big Cottonwood Canyon

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Project Needs

Congestion is expected to increase due to projected population growth and increased winter recreation and tourism in Utah.



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The Wasatch Front is expected to grow by over

ONE MILLION

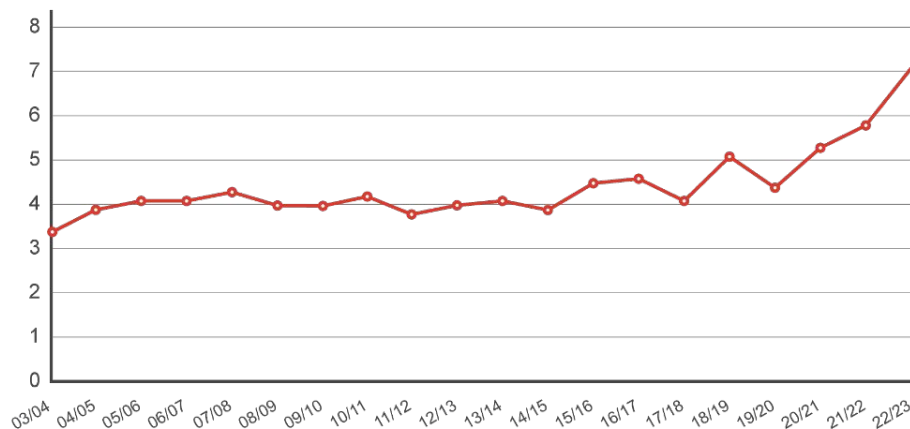
residents between 2024 - 2050

3M+



Annual visitors in the Cottonwood Canyons

Utah Skier Days, 2003/04 - 2022/23 Ski Season (Millions of Skier Days)

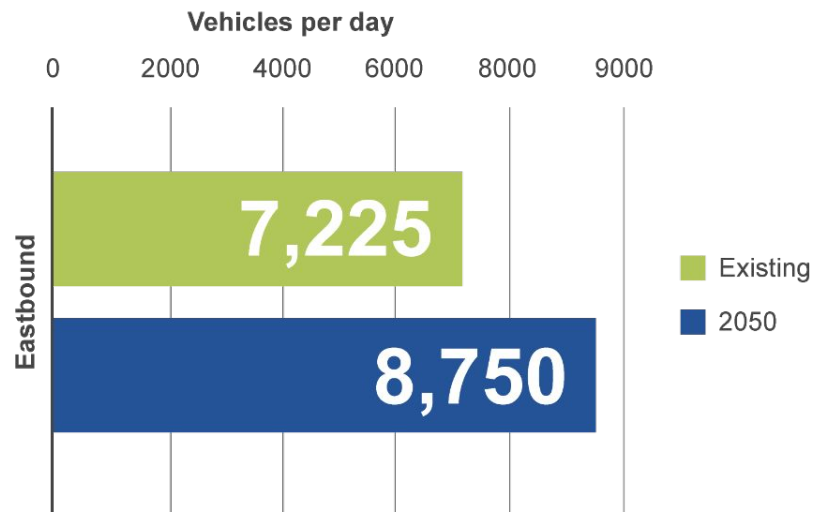


Existing and Future Travel Conditions

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Canyon

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Peak Day Vehicle Volumes



90% of eastbound traffic traveled to Solitude Entry 1 or above.

Traffic congestion during peak times in ski season

7 a.m. - 10 a.m. & **3 p.m. - 5 p.m.**

primarily during winter weekends, holidays, and large snow storms

Road can handle

1,000-1,200
vehicles per hour
per direction



Current peak-hour traffic volumes regularly reach this capacity.



High demand for bus service during peak winter months

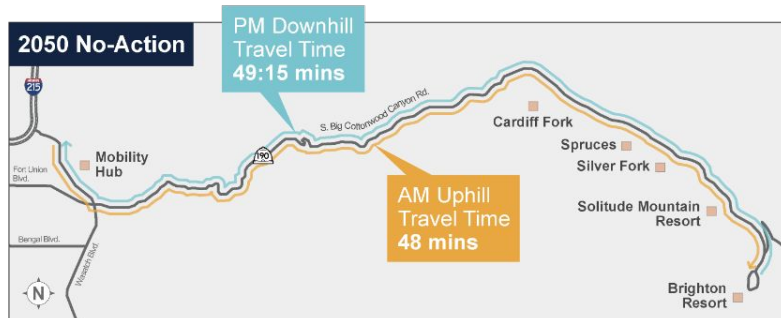
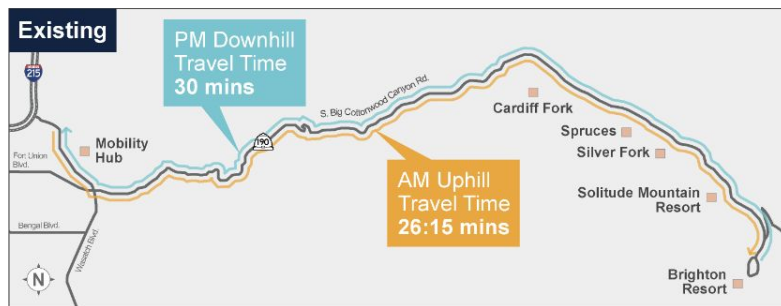
Existing Conditions and Project Travel Demands

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Average Travel Times



Queue Lengths

By 2050, at the intersection of Wasatch Boulevard and SR-190, the southbound left turn lane would form a queue over 8,000 feet during the AM with no inclement weather or parking reservations at the canyon resorts.



Project Features



Enhanced Bus Service

Bus to resorts would leave mobility hub every 5 - 10 minutes



Resort Bus Stops

Building bus stops with 5,000- to 7,000-square-foot enclosed waiting areas at Brighton Resort and Solitude Mountain Resort



Improve Existing Bus Stops

Cardiff Fork, Spruces, Silver Fork



Mobility Hub

Mobility hub with parking structure for personal vehicles would be located at the base of Big Cottonwood Canyon



Tolling

Tolling would start just below Solitude Entry 1

Study Process and Timeline



Public Comment Period

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NOVEMBER 13 - DECEMBER 13, 2024

Comments can be submitted through:



(801) 477-6410



<https://udotinput.utah.gov/bccstudy>



bccstudy@utah.gov



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c/o HDR
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Cottonwood Heights, UT 84121

Comment on our website:

<https://udotinput.utah.gov/bccstudy>





Questions?