

Main Street Area Plan Agenda

Date: Wednesday, August 14, 2024

Time: 9:00 a.m. to 12:00 p.m.

Location: City Hall - City Council Chambers (first floor)

In-person attendance is strongly preferred. The meeting will be recorded via zoom.

#### <u>Agenda</u>

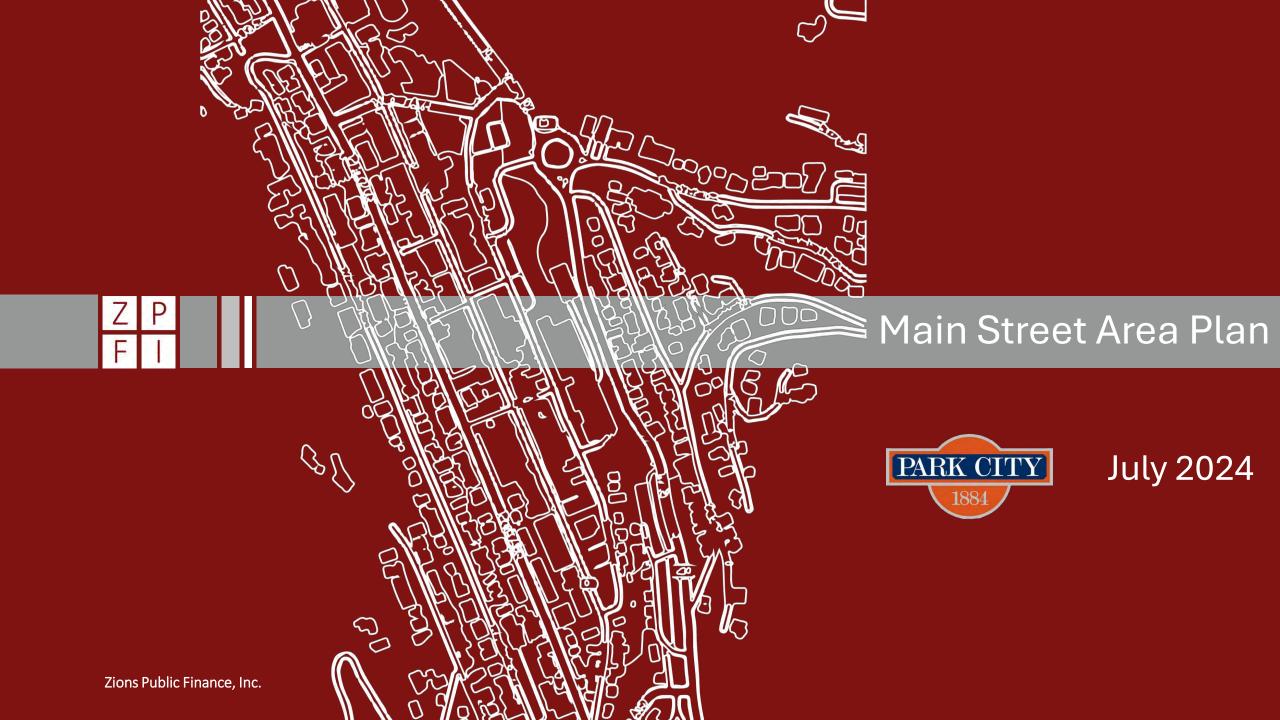
- 1. Overview and Recap: 10 minutes (Mayor Nann Worel and Councilman Ryan Dickey)
  - a. Breakfast, review, goals, and feedback since the last meeting
- 2. Economic Impact of Proposed Scenarios: 45 minutes (Erik Daenitz)
  - a. Review of land use recommendations and assumptions
  - b. Economics of parking in the Main Street Area Q & A
  - c. Committee questions and follow up from July meeting
- 3. Sceanarios and Transportation: 90 minutes (Brent Crowther)
  - a. City Transportation Policies and Goals
  - b. Current Data
  - c. Use Case Considerations
  - d. Transportation Model Options
    - i. Main Street
    - ii. Swede Alley
- 4. Recap, Community Meeting, Important Dates: 30 minutes (Jenny, Erik, Tristan and Brent)
  - a. Summarize feedback from meeting
  - b. Formatting & committee roles for community meetings
  - c. Important dates and schedule through the end of the year (noted below)

#### Upcoming Meetings & Important Dates:

Thursday, August 15; 5:30 p.m. <u>Staff Communication Report to City Council (July 15 recap)</u> Thursday, September 5; 5:30 p.m. Staff Communication Report to City Council (August 14 recap) \*Monday, September 9, morning and evening at Miners Hospital: Public Community Meeting Thursday, September 26; 5:30 p.m. Staff Communication Report (Community meeting recap) \*Thursday, October 24, evening time TBD: Main Street Area Plan Work Session with City Council \*Monday, November 4, from 8:30 to 12:30 p.m.: Main Street Area Plan Meeting #3 Thursday, November 21; 5:30 p.m.: Staff Communication Report to City Council \*Thursday, December 19; evening time TBD: Main Street Area Plan Discussion, Old Business \**MSAP Committee Member attendance required* 

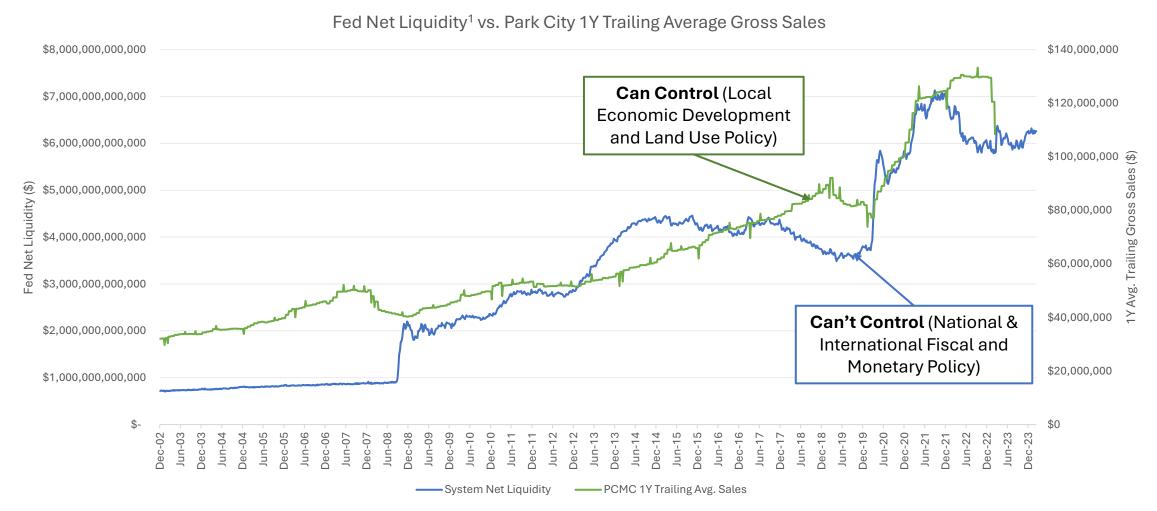
<u>Attachments & Links</u>: <u>Main Street Area Plan Website</u> Review slides in this packet.

<u>Contacts for Questions/Coordination</u>: Jenny Diersen: 435.640.5063 / <u>jenny.diersen@parkcity.org</u>



## What You Can vs. Can't Control

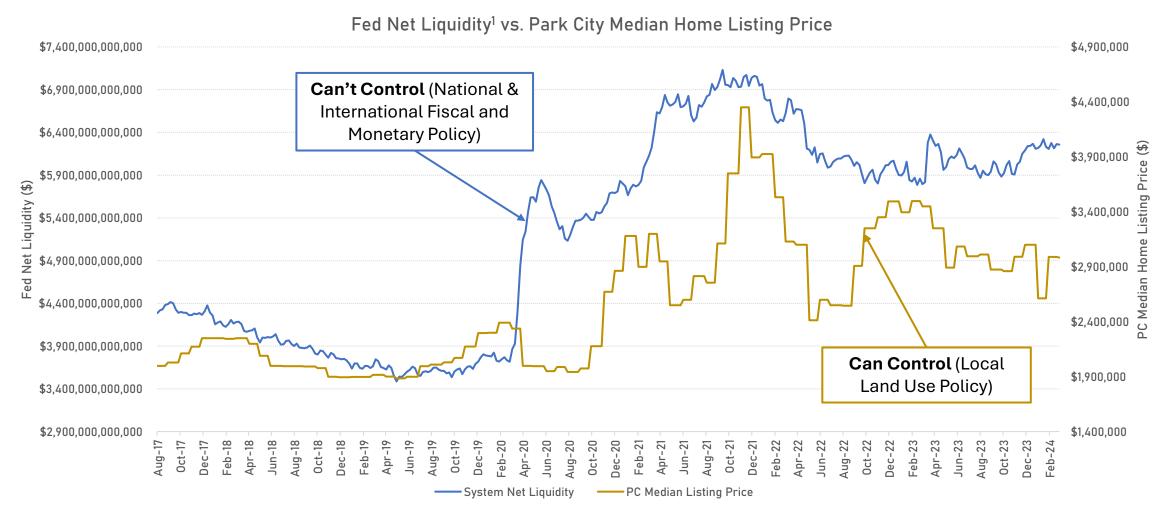
Park City's sales economy is highly-linked to global liquidity conditions and fund flows.



Source: Zions Public Finance, St. Louis Federal Reserve. As of July 2024. 1. Fed Net Liquidity is defined as The U.S. Federal Reserve Balance Sheet less the U.S. Treasury General Account and the U.S. Federal Reserve Overnight Repo Facility.

### What You Can vs. Can't Control

Park City's housing economy is highly-linked to global liquidity conditions and fund flows.



Source: Zions Public Finance, St. Louis Federal Reserve. As of July 2024. 1. Fed Net Liquidity is defined as The U.S. Federal Reserve Balance Sheet less the U.S. Treasury General Account and the U.S. Federal Reserve Overnight Repo Facility.

## Economic and Fiscal Impacts – Highlights of What is Possible<sup>1</sup>



### Existing Conditions – Main Street Sales Performance

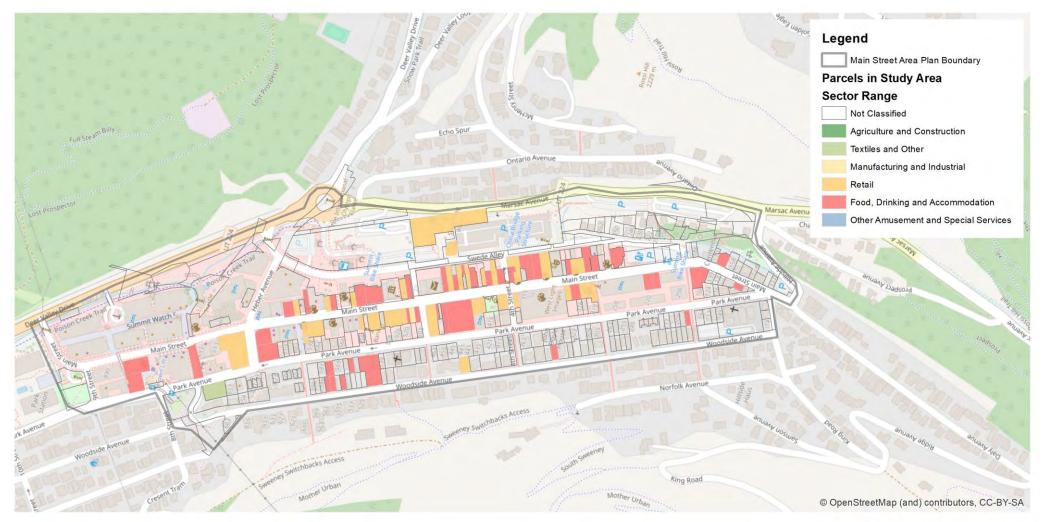
Main Street has exceptional sales per square foot performance with further outperformance clustering around 4<sup>th</sup> Street to 5<sup>th</sup> Street.





#### Existing Conditions – Main Street Sector Mix

A simplified sector map shows Main Street leans on Restaurants and Retail as expected.





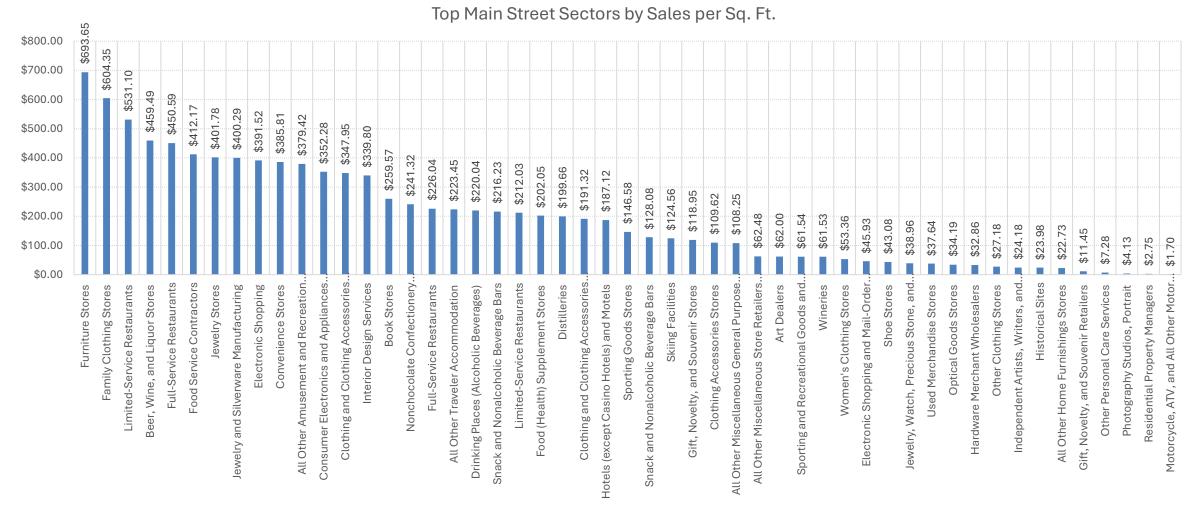
### Existing Conditions – Main Street Market Share

#### Restaurants and Clothing Retail lead the way in terms of absolute dollar market share.

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Full-Service Restaurants	Family Clothing Stores	Drinking Places (Alcoholic Beverages)	All Other Traveler Accommodation	Sporting Goods Stores	Hotels (except Casino Hotels) and Motels	Art Dealers	Women's Clothing Stores	Jeweiry Stores	Food Service Contractors	Unsumertes Full_Service Restaurents		All Other Miscellaneous Store Retailers.	Furniture Stores	Limited-Service Restaurants	Clothing and Clothing Accessories Retailers	Limited-Service Restaurants	Beer, Wine, and Liquor Stores	Electronic Shopping	Snack and Nonalcoholic Beverage Bars	Gift, Novelty, and Souvenir Stores	Other Clothing Stores	Book Stores	Skiing Facilities	Nonchocolate Confectionery Manufacturing	Convenience Stores	Clothing and Clothing Accessories.	Jewelry, Watch, Precious Stone, and.	Optical Goods Stores	Hardware Merchant Wholesalers	All Other Amusement and Recreation.	Jewelry and Silverware Manufacturing	Consumer Electronics and Appliances.	Independent Artists, Writers, and.	Sporting and Recreational Goods and.	Wineries	Interior Design Services	Historical Sites	All Other Home Furnishings Stores	Snack and Nonalcoholic Beverage Bars	Shoe Stores	All Other Miscellaneous General Purpose.	Food (Health) Supplement Stores	Electronic Shopping and Mail-Order Houses	Used Merchandise Stores	Residential Property Managers	Other Personal Care Services	Gift, Novelty, and Souvenir Retailers	Motorcycle, ATV, and All Other Motor.	Photography Studios, Portrait

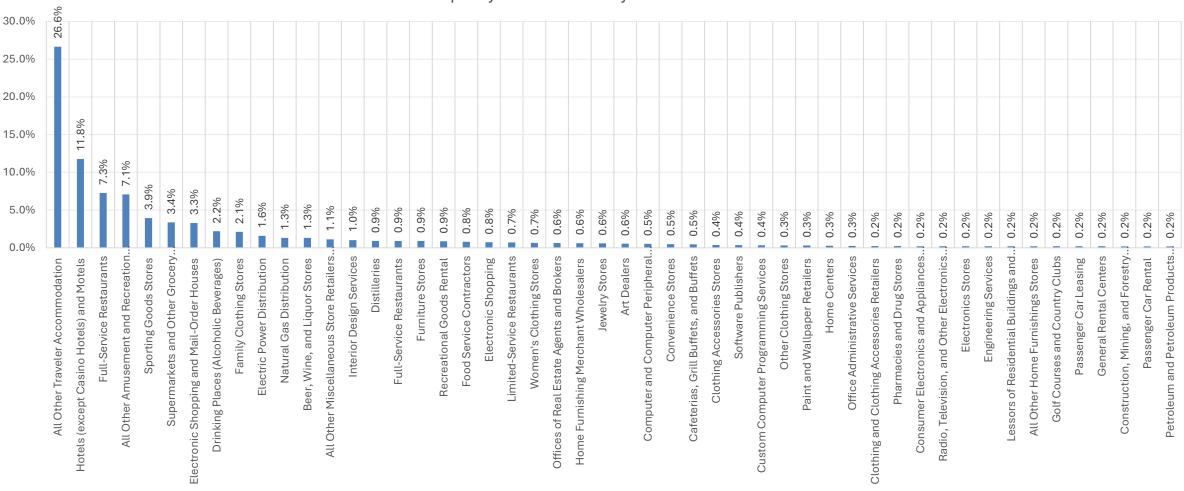
### Existing Conditions – Main Street Market Share

Furniture is not a huge revenue producer, but is efficient. Clothing and restaurants also rank highly.



## Existing Conditions – Citywide

#### Park City is a lodging and dining economy, supported by the ski industry.



Top City-wide Sectors by % Market Share

## Existing Conditions – Citywide Comparison to Main Street

Main Street under-earns in Lodging/Travel Accommodations, Recreation/Other Amusement, Grocery, and Electronics. Main Street outperforms in Dining, Drinking, and Clothing Retail.

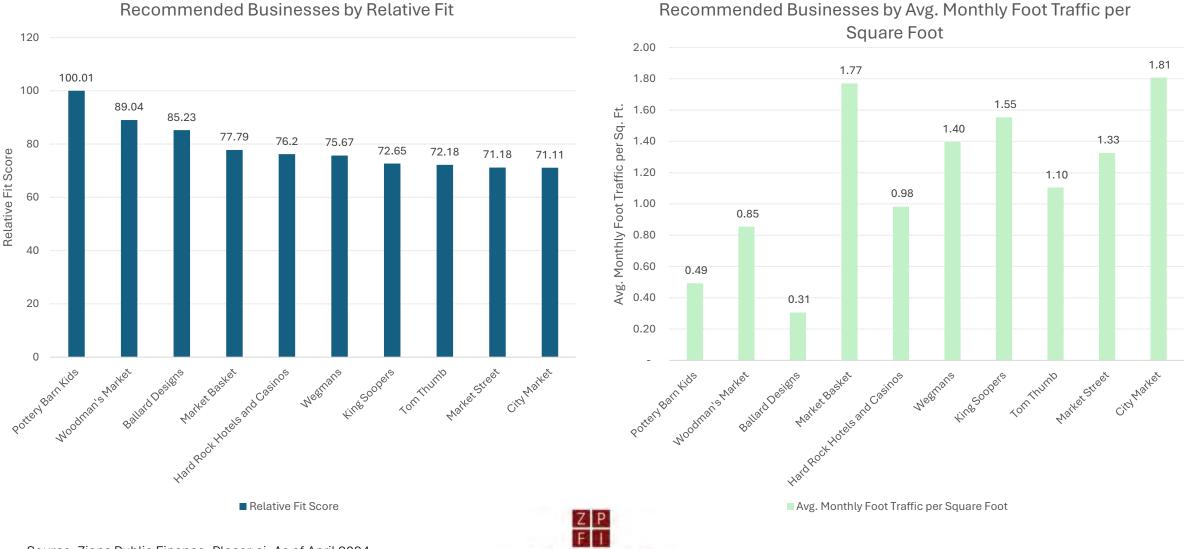
20.1% 25.0% 20.0% 10.2% 15.0% 2% 10.0% 2.4% 2.7% 2.4% 1.9% 1.6% 1.5% 1.4% 1.1% 0.6% 0.5% 0.5% 0.2% 0.4% 0.1% 0.1% 0.1% 5.0% 0.0% -0.2% -0.2% -0.1% -0.2% -0.2% -0.2% -0.2% -0.2% -0.3% -0.3% -0.2% -0.2% -0.2% -0.6% -0.6% -0.5% -0.5% -0.4% -0.4% -0.3% -0.3% 0.2% -1.6% -1.3% .0.8% -0.9% -5.0% 3.4% 3.2% -6.6% -10.0% %6. -15.0% -20.0% -25.0% All Other Traveler Accommoda#20h7 Supermarkets and Other Grocery. Interior Design Services Radio, Television, and Other Lessors of Residential Buildings and Construction, Mining, and Forestry Full-Service Restaurants All Other Amusement and Recreation All Other Miscellaneous Store Retailers Limited-Service Restaurants Offices of Real Estate Agents and Brokers Computer and Computer Peripheral Software Publishers Office Administrative Services **Clothing and Clothing Accessories** Consumer Electronics and Appliances Engineering Services Golf Courses and Country Clubs General Rental Centers Petroleum and Petroleum Products Sporting Goods Stores Electronic Shopping and Mail-Order Food Service Contractors Cafeterias, Grill Buffets, and Buffets Passenger Car Rental Hotels (except Casino Hotels) and Motels Drinking Places (Alcoholic Beverages) Family Clothing Stores Electric Power Distribution Natural Gas Distribution Beer, Wine, and Liquor Stores Distilleries Full-Service Restaurants Furniture Stores Recreational Goods Rental Electronic Shopping Women's Clothing Stores Home Furnishing Merchant Wholesalers Jewelry Stores Art Dealers Convenience Stores Clothing Accessories Stores Custom Computer Programming Services Other Clothing Stores Paint and Wallpaper Retailers Home Centers Pharmacies and Drug Stores **Electronics Stores** All Other Home Furnishings Stores Passenger Car Leasing

Main Street vs. City-wide Difference in % Market Share



#### Missing Assets

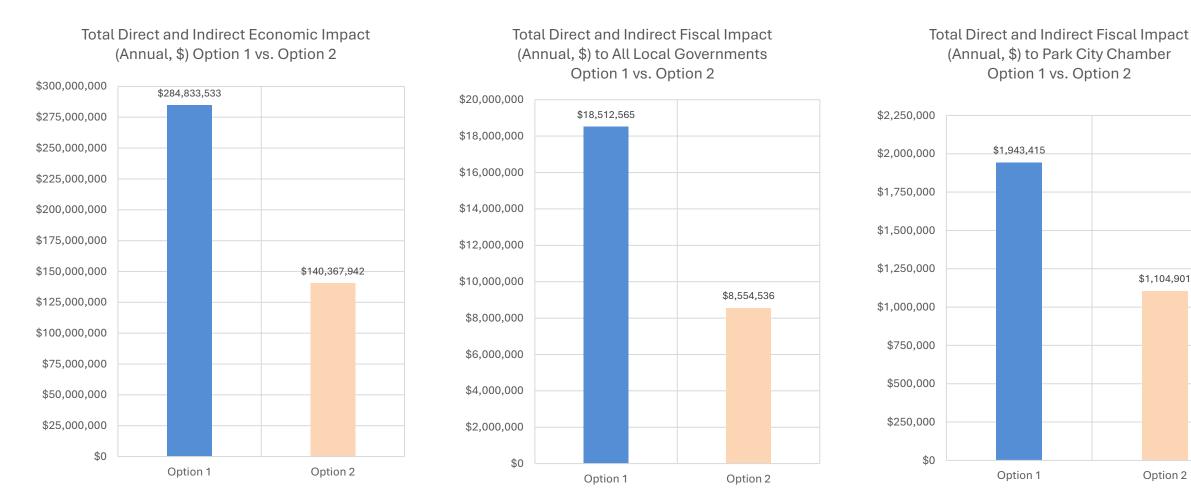
A void analysis and search for businesses-of-best fit reveals needs for Hotel, Grocery, and specific Retail.



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Source: Zions Public Finance, Placer.ai. As of April 2024.

Economic and fiscal impact totals across two options. Fiscal impacts are calculated across all governmental entities in the region.





\$1,104,901

Option 2

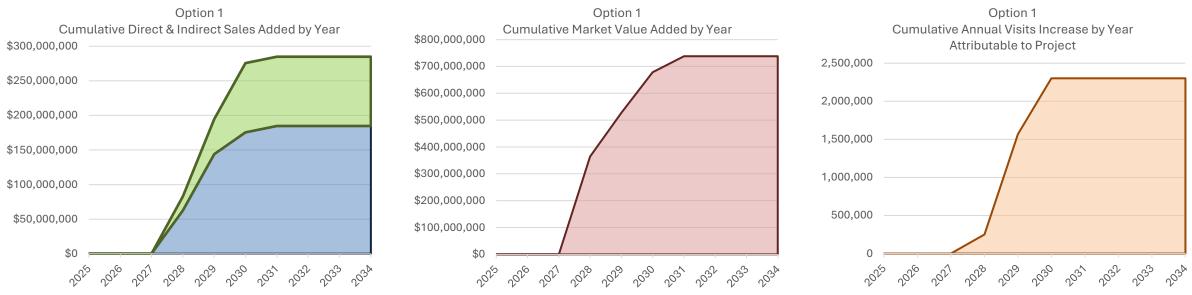
#### Enhance public-rights-of way and public land to deliver higher value uses to the core of Historic Park City.

#### Main Street Area Option 1

	Land Use				Economic In	npacts		
Element	Sector	Sq. Ft.	Direct Sales per Sq. Ft.	Economic Impact Direct Sales per Year	Estimated Annual Visits Increase	Economic Impact Indirect Sales per Year	Market Value	Year Online
	Hotels (except Casino Hotels) and							
High-End Boutique Hotel North	Motels	250,000	\$243	\$60,815,543	91,250	\$15,486,038	\$357,611,737	2028
	Hotels (except Casino Hotels) and							
Trendy Upmarket Hotel	Motels	100,000	\$225	\$22,454,970	82,125	\$13,937,434	\$143,519,678	2030
	Supermarkets and Other Grocery							
High End Community Grocer	Retailers (except Convenience Retailers)	13,500	\$569	\$7,681,449	148,500	\$1,260,097	\$43,109,661	2029
Restaurant Space	Food Service Contractors	30,000	\$412	\$12,365,179	138,700	\$1,961,565	\$51,547,623	2029
High-End Bar	Drinking Places (Alcoholic Beverages)	15,000	\$374	\$5,611,022	165,000	\$2,333,513	\$28,406,816	2029
Clothing & Makeup Retail	Family Clothing Stores	15,000	\$604	\$9,065,190	172,500	\$2,927,498	\$7,500,000	2029
Recreational Goods and Rental Retail	Recreational Goods Rental	2,000	\$1,965	\$3,930,861	24,000	\$407,304	\$1,000,000	2029
	Computer and Computer Peripheral Equipment and Software Merchant							
High-End Phone and Computer Retail	Wholesalers	10,000	\$2,700	\$27,000,000	123,800	\$2,311,111	\$17,400,000	2029
Liquor Store Expansion & Improvement	Beer, Wine, and Liquor Stores	15,000	\$721	\$10,815,000	168,000	\$1,900,752	\$7,500,000	2029
	Radio, Television, and Other							
Office/Professional Radio/Incubator Commercia	Broadcasting	20,000	\$150	\$3,000,000	90,000	\$3,818,475	\$0	2030
Office/Professional Software	Software Publishers	15,000	\$390	\$5,850,584	80	\$4,526	\$7,500,000	2030
Performance/Event Space Private	All Other Amusement and Recreation	13,425	\$126	\$1,697,919	147,675	\$4,176,987	\$6,712,500	2028
	All Other Amusement and Recreation	,	•	+ .,,	,	+ .,,	<i>,,</i>	
Performance/Event Space Public	Industries	13,425	\$379	\$5,093,758	147,675	\$4,176,987	\$6,712,500	2029
Market Rate Housing & Nightly Rentals	All Other Traveler Accommodation	41,500	\$223	\$9,273,057	138	\$7,778	\$51,688,528	2031
Workforce Housing	Housing	15,200	\$0	\$0	40	\$2,263	\$7,600,000	2031
Post Office	Postal and Shipping	7,200	\$0	\$0	11,314	\$640,033	\$0	2028
Civic Institutional	Governmental	13,400		\$0	67,000	\$3,790,190	\$0	2029
Main Street Pedestrianization	Infrastructure	Full MS Right of Way	\$0	\$0	562,910	\$31,843,826	\$0	2030
Central Pedestrian Space Swede Alley	N/A	65,000		\$0	162,500	\$9,192,625	\$0	2029
· · · · · · · · ·			Projected Total	\$184,654,533	2,303,207	\$100,179,000	\$737,809,043	
			Downside Scenario	\$162,106,381	2,021,962		\$647,715,232	
			Upside Scenario	\$207,202,685	2,584,451	\$112,411,851	\$827,902,855	



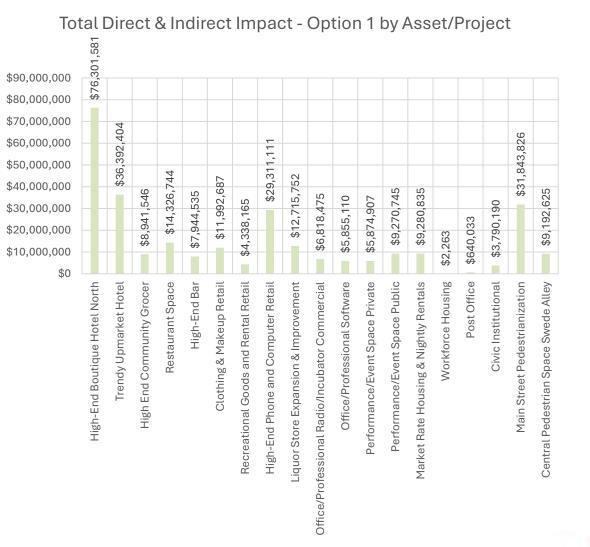
#### Enhance public-rights-of way and public land to deliver higher value uses to the core of Historic Park City.



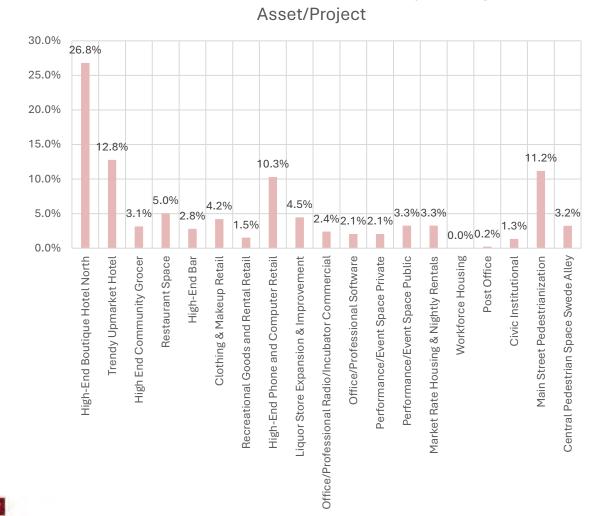
Year	Direct Sales Added perYear	Cumulative Direct Sales Added by Year	Indirect Sales Added per Year	Cumulative Indirect Sales Added by Year	Estimated Annual Visits Increase per Year	Cumulative Annual Visits Increase by Year	Market Value Added Per Year	Cumulative Market Value Added by Year
2025	\$0	\$0	\$0	\$0	0	0	\$0	\$0
2026	\$0	\$0	\$0	\$0	0	0	\$0	\$0
2027	\$0	\$0	\$0	\$0	0	0	\$0	\$0
2028	\$62,513,463	\$62,513,463	\$20,303,058	\$20,303,058	250,239	250,239	\$364,324,237	\$364,324,237
2029	\$81,562,460	\$144,075,922	\$30,261,641	\$50,564,699	1,317,675	1,567,914	\$163,176,601	\$527,500,838
2030	\$31,305,554	\$175,381,476	\$49,604,261	\$100,168,959	735,115	2,303,029	\$151,019,678	\$678,520,516
2031	\$9,273,057	\$184,654,533	\$10,041	\$100,179,000	178	2,303,207	\$59,288,528	\$737,809,043
2032	\$0	\$184,654,533	\$0	\$100,179,000	0	2,303,207	\$0	\$737,809,043
2033	\$0	\$184,654,533	\$0	\$100,179,000	0	2,303,207	\$0	\$737,809,043
2034	\$0	\$184,654,533	\$0	\$100,179,000	0	2,303,207	\$0	\$737,809,043



Direct and indirect economic impacts are largely attributable to new uses.



Total Direct & Indirect Impact - Option 1



% Contribution to New Revenue - Option 1 by

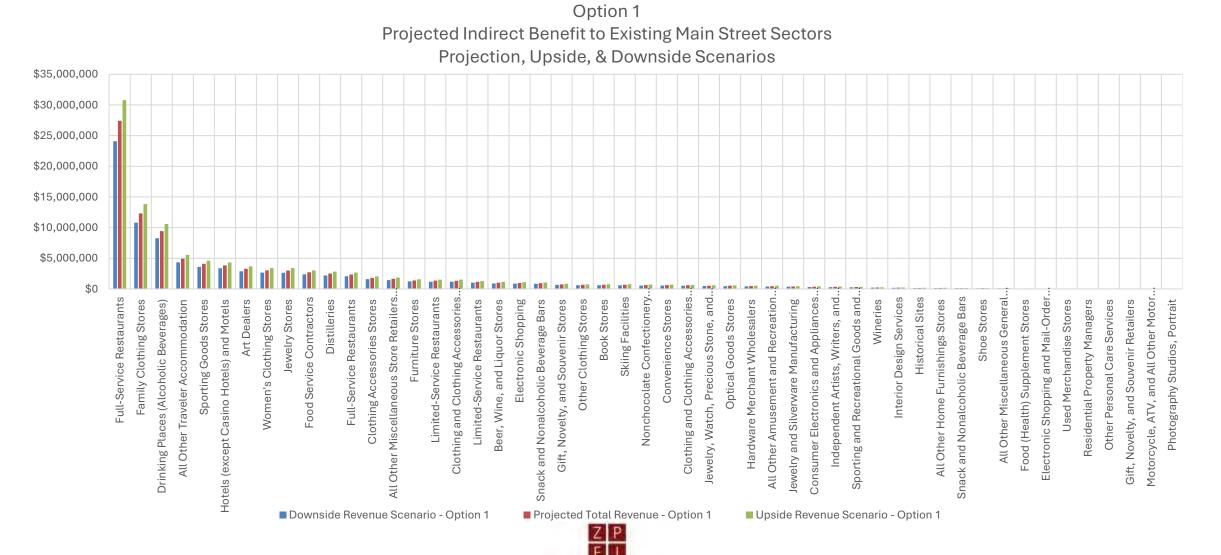
% Contribution to New Revenue - Option 1

Visitation effects disproportionately benefit from pedestrianization.



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Indirect benefits will cascade into the district in approximate distribution equal to the existing sector mix.



Source: Zions Public Finance. As of July 2024.

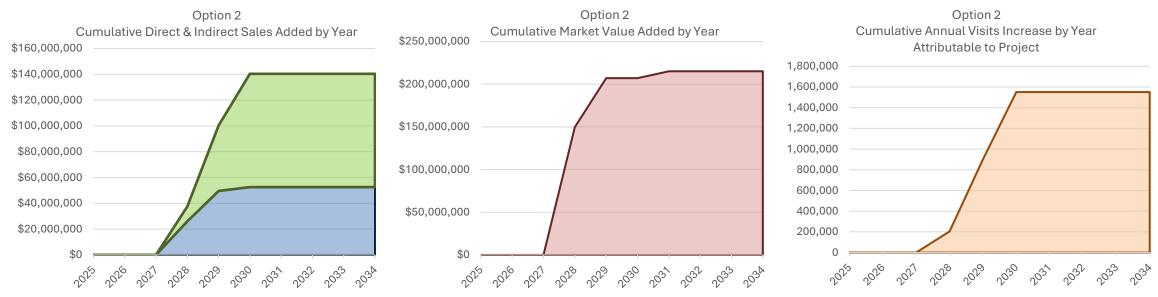
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Enhance public-rights-of way and public land to deliver higher value uses to the core of Historic Park City.

	Land Use				Economic li	mpacts		
Element	Sector	Sq. Ft.	Direct Sales per Sq. Ft.	Economic Impact Direct Sales per Year	Estimated Annual Visits Increase	Economic Impact Indirect Sales per Year	Market Value	Year Online
High-End Boutique Hotel North	Hotels (except Casino Hotels) and Motels	100,000	\$243	\$24,326,217	45,625	\$2,581,006	\$143,044,695	202
High End Community Grocer	Supermarkets and Other Grocery Retailers (except Convenience Retailers)	13,500	\$569	\$7,681,449	148,500	\$8,400,645	\$43,109,661	202
Liquor Store Expansion & Improvement	Beer, Wine, and Liquor Stores	15,000	\$721	\$10,815,000	168,000	\$9,503,760	\$7,500,000	202
Office/Professional Radio/Incubator Commercial	Radio, Television, and Other Broadcasting	20,000	\$150	\$3,000,000	90,000	\$5,091,300	\$0	203
Performance/Event Space Private	All Other Amusement and Recreation Industries	13,425	\$126	\$1,697,919	147,675	\$8,353,975	\$6,712,500	202
Performance/Event Space Public	All Other Amusement and Recreation Industries	13,425	\$379	\$5,093,758	147,675	\$8,353,975	\$6,712,500	202
Workforce Housing	Housing	16,000	\$0	\$0	40	\$2,263	\$8,000,000	203
Post Office	Postal and Shipping	7,200	\$0	\$0	11,314	\$640,033	\$0	202
Civic Institutional	Government	13,400	\$0	\$0	67,000	\$3,790,190	\$0	202
Main Street Pedestrianization	Infrastructure	Full MS Right of Way	\$0	\$0	562,910	\$31,843,826	\$0	203
Central Pedestrian Space Swede Alley	Infrastructure	_65,000	\$0		162,500		\$0	202
			Projected Total Downside Scenario Upside Scenario	\$46,189,610	1,551,239 1,361,817 1,740,661	\$77,038,012	\$215,079,356 \$647,715,232 \$827,902,855	



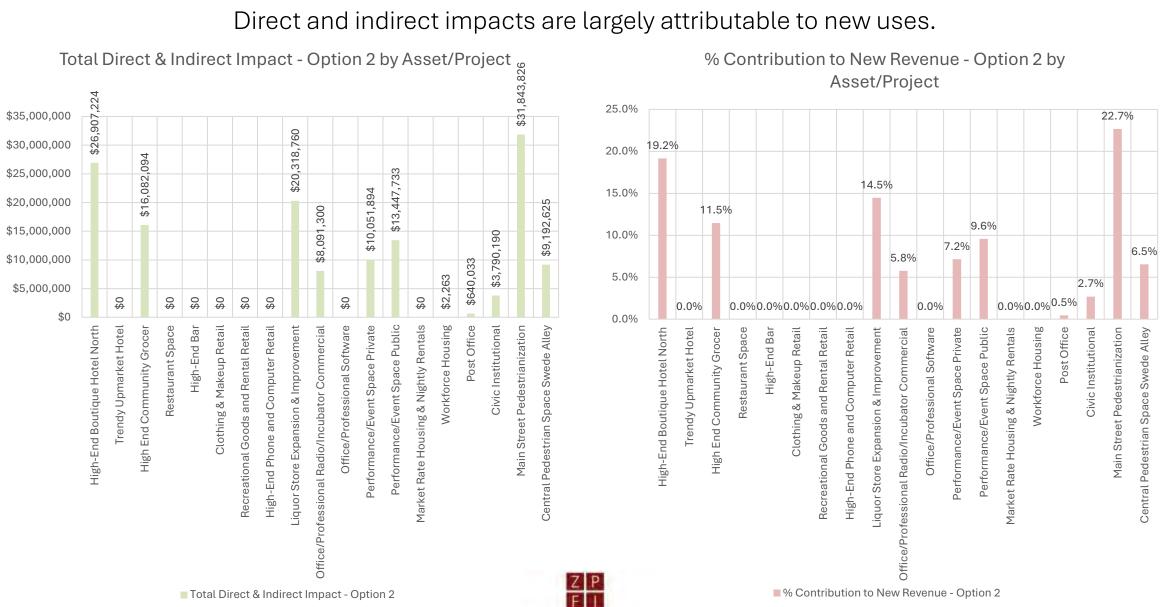
#### Enhance public-rights-of way and public land to deliver higher value uses to the core of Historic Park City.



Year	Direct Sales Added perYear	Cumulative Direct Sales Added by Year	Indirect Sales Added per Year	Cumulative Indirect Sales Added by Year	Estimated Annual Visits Increase per Year	Cumulative Annual Visits Increase by Year	Market Value Added Per Year	Cumulative Market Value Added by Year
2025	\$0	\$0	\$0	\$0	0	0	\$0	\$0
2026	\$0	\$0	\$0	\$0	0	0	\$0	\$0
2027	\$0	\$0	\$0	\$0	0	0	\$0	\$0
2028	\$26,024,137	\$26,024,137	\$11,575,014	\$11,575,014	204,614	204,614	\$149,757,195	\$149,757,195
2029	\$23,590,207	\$49,614,344	\$39,241,195	\$50,816,209	693,675	898,289	\$57,322,161	\$207,079,356
2030	\$3,000,000	\$52,614,344	\$36,935,126	\$87,751,335	652,910	1,551,199	\$0	\$207,079,356
2031	\$0	\$52,614,344	\$2,263	\$87,753,598	40	1,551,239	\$8,000,000	\$215,079,356
2032	\$0	\$52,614,344	\$0	\$87,753,598	0	1,551,239	\$0	\$215,079,356
2033	\$0	\$52,614,344	\$0	\$87,753,598	0	1,551,239	\$0	\$215,079,356
2034	\$0	\$52,614,344	\$0	\$87,753,598	0	1,551,239	\$0	\$215,079,356



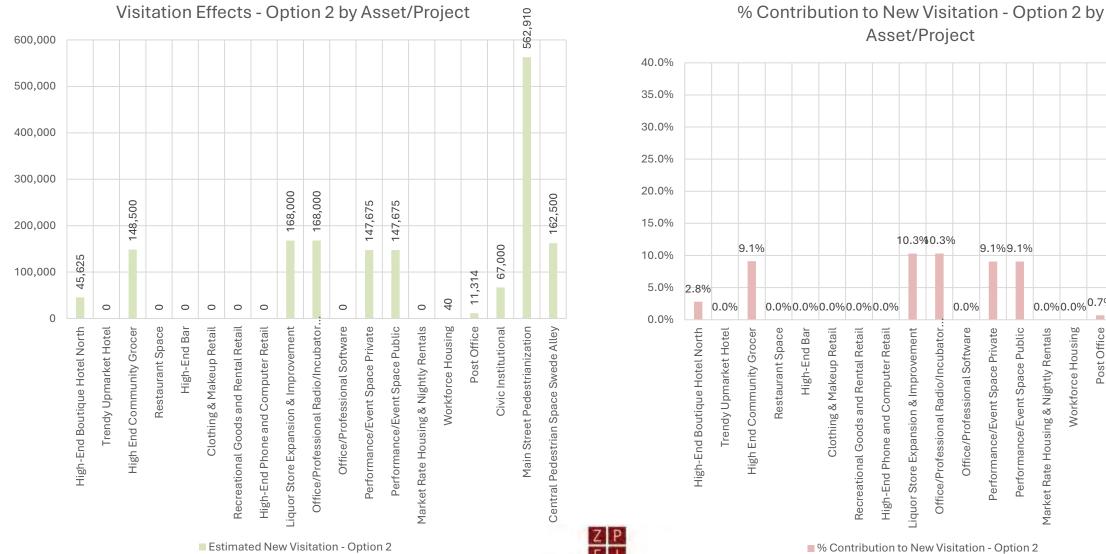
Direct and indirect impacts are largely attributable to new uses.

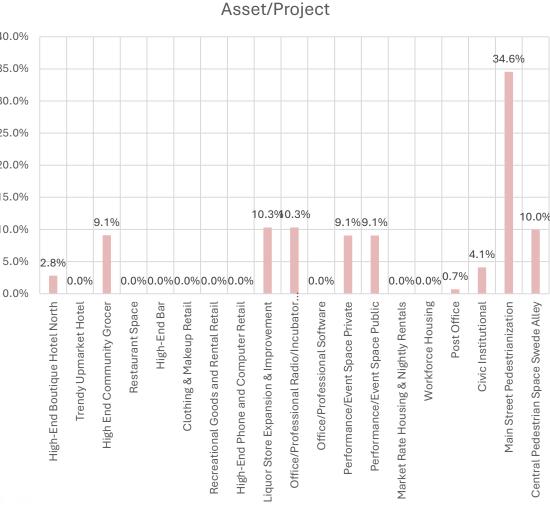


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Visitation effects disproportionately benefit from pedestrianization.

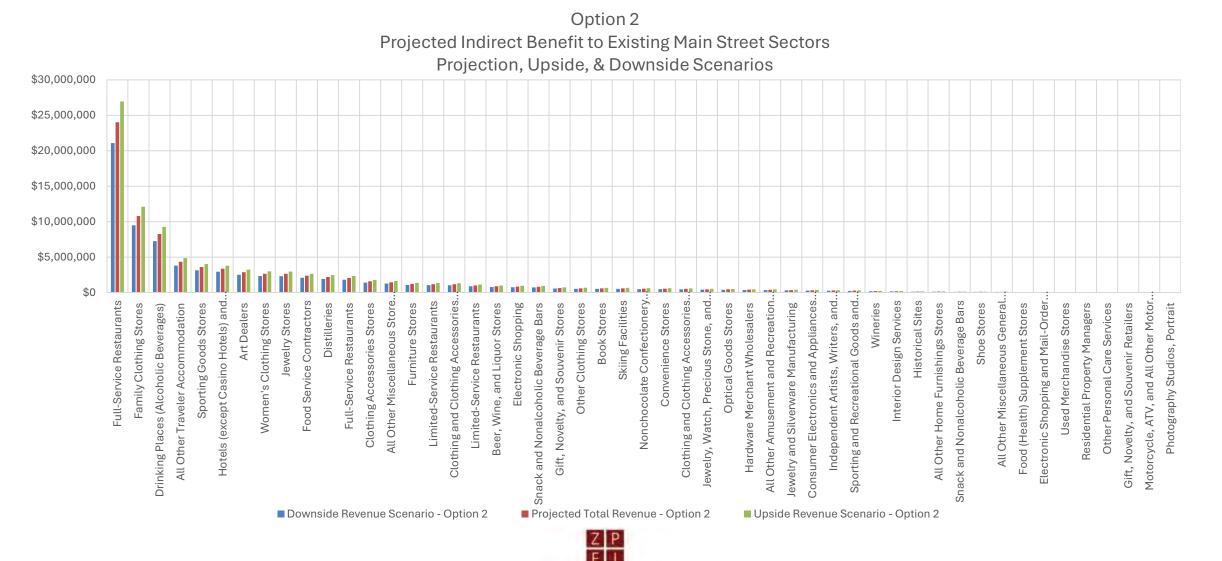
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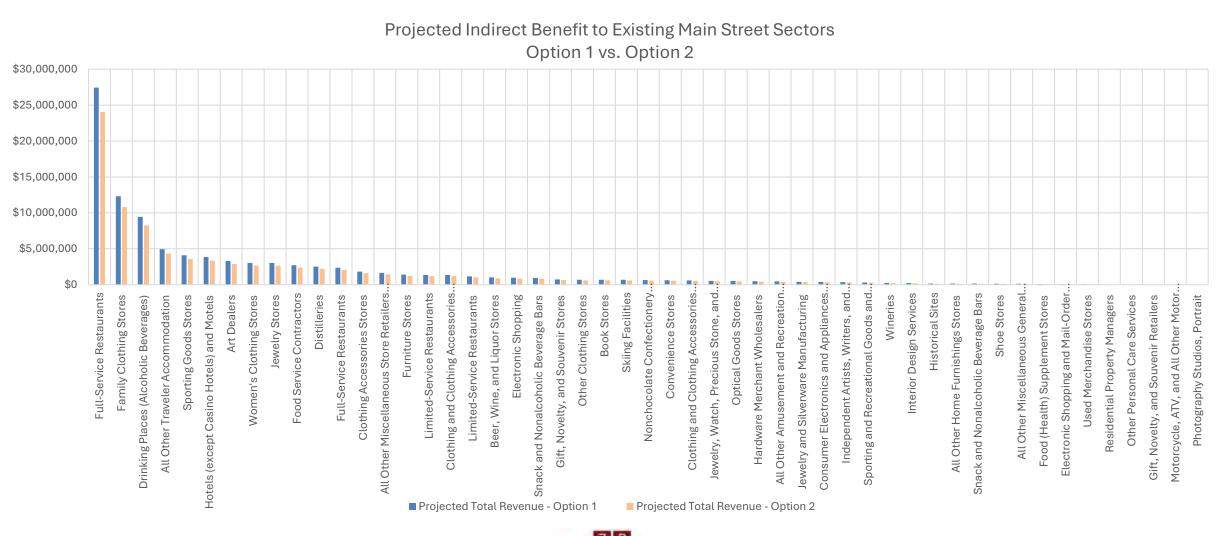
% Contribution to New Visitation - Option 2

Indirect benefits will cascade into the district in approximate distribution equal to the existing sector mix.



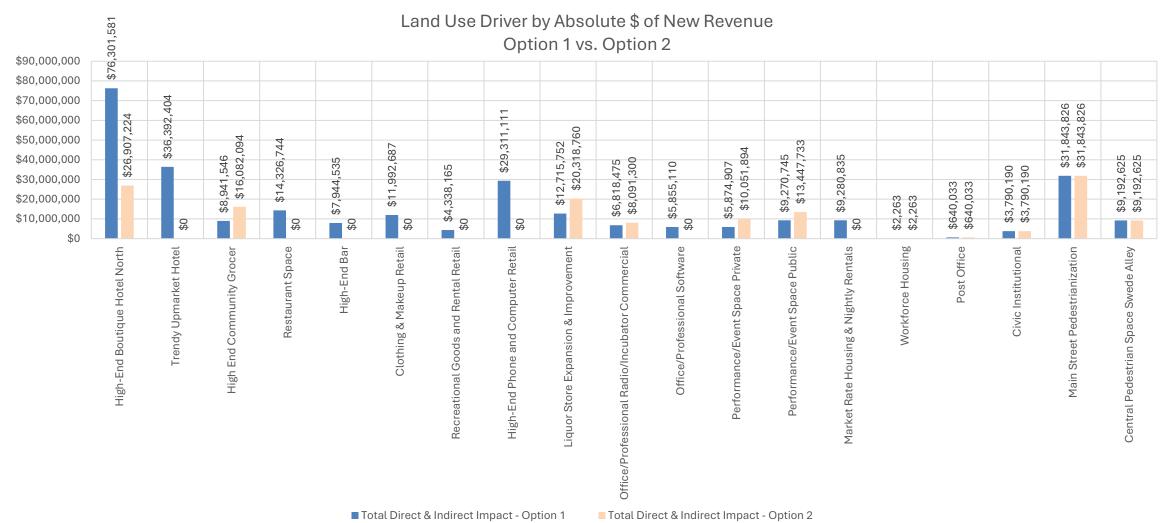
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#### Less indirect economic benefit in Option 2.



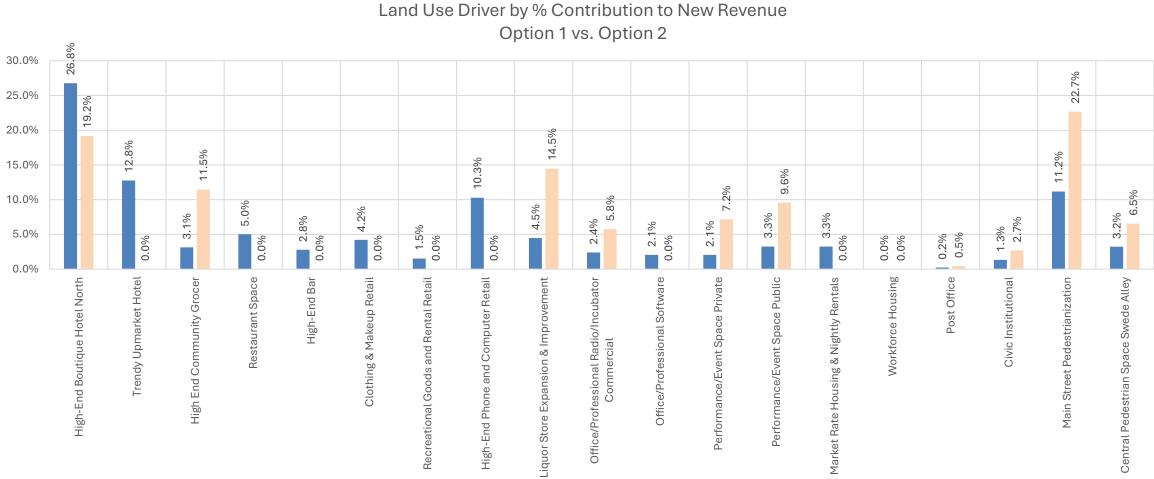
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Option 1outperforms in almost every dimension.





Pedestrianization and an improved liquor store become larger drivers in Option 2.

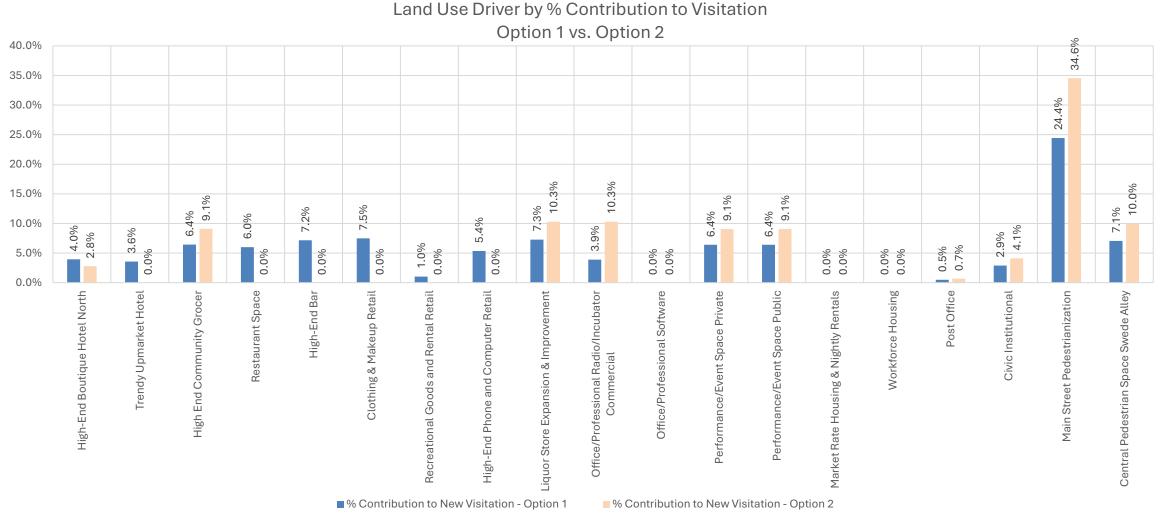


% Contribution to New Revenue - Option 1

% Contribution to New Revenue - Option 2



Pedestrianization is a large contributor to visitation in both scenarios.





#### Fiscal impacts to government and non-government entities.

		Option 1			Option 2	
Entity	Downside Revenue Scenario	Projected Total Revenue	Upside Revenue Scenario	Downside Revenue Scenario	Projected Total Revenue	Upside Revenue Scenario
Park City Municipal Corporation	\$9,117,267	\$10,385,431	\$11,653,596	\$4,452,892	\$5,072,266	\$5,691,641
Summit County	\$4,255,636	\$4,847,573	\$5,439,509	\$2,217,763	\$2,526,242	\$2,834,721
Park City School District	\$2,432,818	\$2,771,211	\$3,109,603	\$709,193	\$807,838	\$906,483
Park City Fire District	\$226,700	\$258,233	\$289,766	\$66,086	\$75,278	\$84,470
Summit County Mosquito Abatement	\$9,068	\$10,329	\$11,591	\$2,643	\$3,011	\$3,379
Weber Basin Water Conservancy	\$126,952	\$144,611	\$162,269	\$37,008	\$42,156	\$47,303
Multicounty Assessing & Collecting	\$9,716	\$11,067	\$12,419	\$2,832	\$3,226	\$3,620
County Assessing & Collecting	\$73,840	\$84,110	\$94,381	\$21,525	\$24,519	\$27,513
Total Annual Fiscal Impact Across Governments	\$16,251,997	\$18,512,565	\$20,773,133	\$7,509,942	\$8,554,536	\$9,599,130

#### Summary of Projected Fiscal Impacts to Governmental Entities

#### Summary of Projected Fiscal Impacts to Park City Chamber

		Option 1	-		Option 2	
Entity	Downside Revenue Scenario	Projected Total Revenue	Upside Revenue Scenario	Downside Revenue Scenario	Projected Total Revenue	Upside Revenue Scenario
Park City Chamber of Commerce	\$1,706,105	\$1,943,415	\$2,180,725	\$969,982	\$1,104,901	\$1,239,821



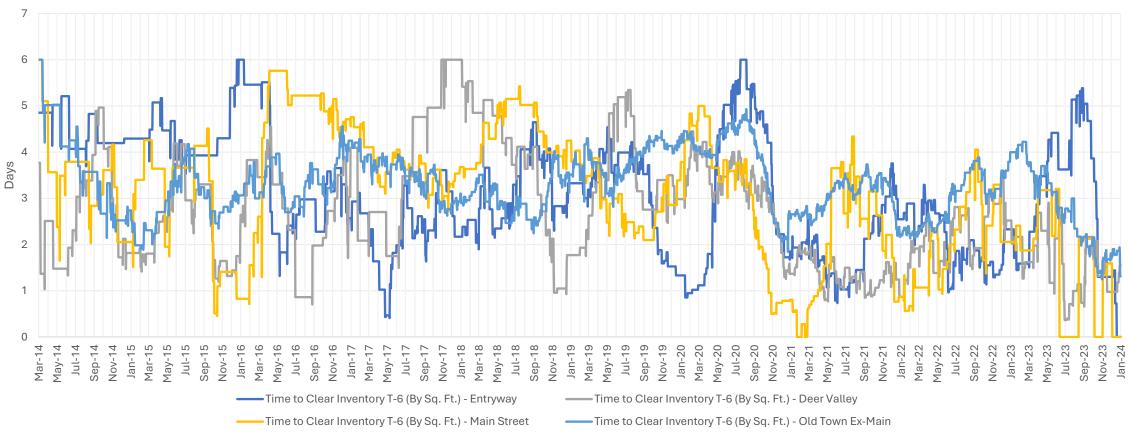
In Old Town, time to clear market inventory has not exceeded 25 days in the past five years, on all measures, and remains under 10 days much of the time.



Park City - Old Town Time to Clear Market Inventory – Trailing 6 Month Average



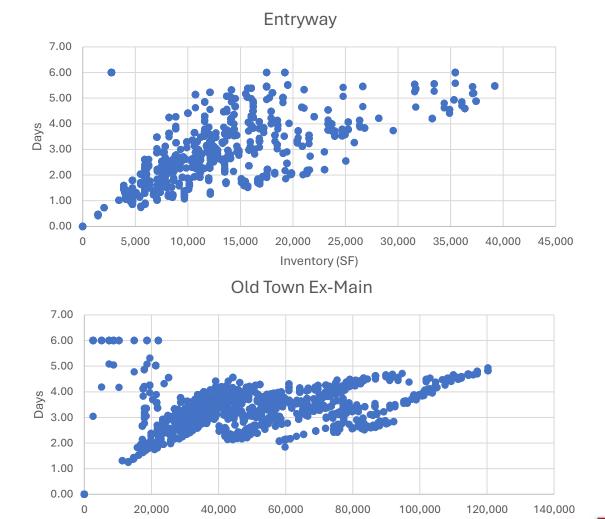
# Average capacity to absorb new square footage is almost instantaneous in the key regions surrounding the study area.



Park City New Square Footage Time to Clear Inventory in Old Town Neighborhoods

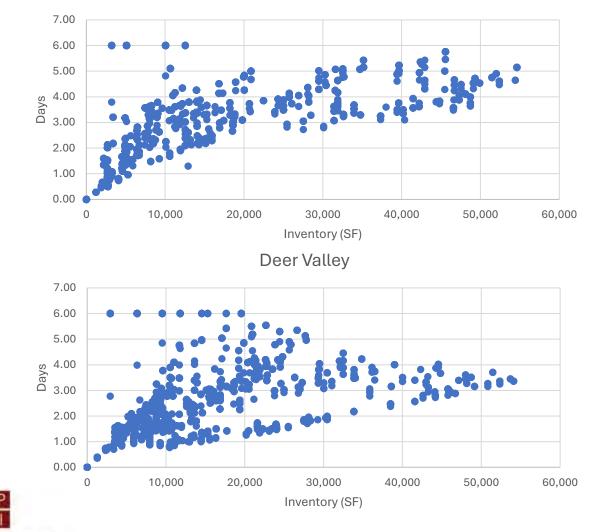


Average capacity to absorb new square footage is almost instantaneous.



Inventory (SF)

Main Street



Source: Zions Public Finance, Utah MLS. As of July 2024.

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#### Sales pacing rises to meet inventory.



### Circularity of Parking & Traffic

Parking and traffic can become self-fulfilling prophesies.



ZIONS PUBLIC FINANCE, INC.



# Zermatt









OVIS Alpine Kitchen

Dorfblick Chalet 😜

🥒 La Bohème 🏺

Hotel Chesa Valese Matterhorn Museum 🗃

> Grampi Haus Bodmen

OZermatt Migros-Supermarkt 1.2 Zermatt

-Coop Supermarkt

Zermatt Ski Resort CERVO Mountain Resort 4.7 (1120) 5-star hotel

Riederwen Sunnegga Blauherd Rothhorn Funnicular...

4-star hotel

Gryfelblatte Sunneggasir Resort La Ginabelle

Hotel Carina

allerstra

Zermatt 🖽 

⊕ Zermatt C Ambassador Zermatt

Alpenhotel Fleurs de Zermatt<sup>a</sup>strass

Visshorme

Spissing Zermatt

Wäscheservice Heinzmann Zermatt

Mammut Klet

Riedw

Riedneg



#### **Precedent for Pedestrianization**

Most studies preceding 2021 were qualitative or proxied economic effects based on proximity to other urban districts. A 2021 University of Tokyo, MIT, and University of Toronto study in Spain uses real street-level land use changes and real transaction data from BBVA.

#### The results showed:

Stores located in pedestrian environments tend to record higher sales volumes than stores in non-pedestrian environments, effect size ranged from 0.2-0.6 depending on City.

Store density is key to revenue-boosting effect in pedestrianized areas, a quality that Main Street has.

Evidence indicates the people prefer a pedestrianfriendly environment to a vehicle-oriented environment when accessing non-tradable, local consumption activities.

Source: Yuji Yoshimura, Yusuke Kumakoshi, Yichun Fan, Sebastiano Milardo, Hideki Koizumi, Paolo Santi, Juan Murillo Arias, Siqi Zheng, Carlo Ratti, Street pedestrianization in urban districts: Economic impacts in Spanish cities, Cities, Volume 120, 2022, 103468, ISSN 0264-2751.



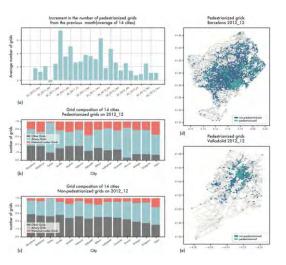


Cities Volume 120, January 2022, 103468



#### Street pedestrianization in urban districts: Economic impacts in Spanish cities

<u>Yuji Yoshimura</u><sup>a</sup> ⊘ ⊠, <u>Yusuke Kumakoshi</u><sup>a</sup> ⊠, <u>Yichun Fan</u><sup>b</sup> ⊠, <u>Sebastiano Milardo</u><sup>c</sup> ⊠, <u>Hideki Koizumi</u><sup>a</sup> ⊠, <u>Paolo Santi</u><sup>cd</sup> ⊠, <u>Juan Murillo Arias</u><sup>e</sup> ⊠, <u>Sigi Zheng</u><sup>b</sup> ⊠, <u>Carlo Ratti</u><sup>c</sup> ⊠



Most studies preceding 2021 were qualitative or proxied economic effects based on proximity to other urban districts. A 2021 University of Tokyo, MIT, and University of Toronto study in Spain uses real street-level land use changes and real transaction data from BBVA.

"Although small-scale retailers are assumed to suffer revenue loss due to reduced accessibility after vehicles are banned, previous studies on the topic are largely **descriptive and** qualitative (Gehl, 1987; see Gehrke & Clifton, 2019 for a review; Jacobs, 1961; Lynch, 1960; Whyte, 1980). Within the limited body of quantitative studies, the popularity of streets, potential rents for commercial real estate, or expected revenues are proxied by geographical proximity to the city center (Hillier, <u>1996; Hillier et al., 1993; Porta et al., 2009, Porta et al.,</u> 2012; Sevtsuk, 2014), not on actual transaction data at the micro level. Furthermore, there is no well-established analytical framework to separate pedestrianization policy from other confounding environmental factors."

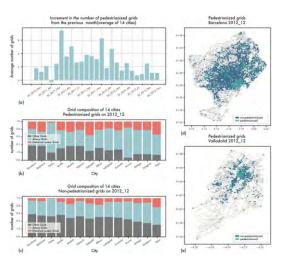
Source: Yuji Yoshimura, Yusuke Kumakoshi, Yichun Fan, Sebastiano Milardo, Hideki Koizumi, Paolo Santi, Juan Murillo Arias, Siqi Zheng, Carlo Ratti, Street pedestrianization in urban districts: Economic impacts in Spanish cities, Cities, Volume 120, 2022, 103468, ISSN 0264-2751.





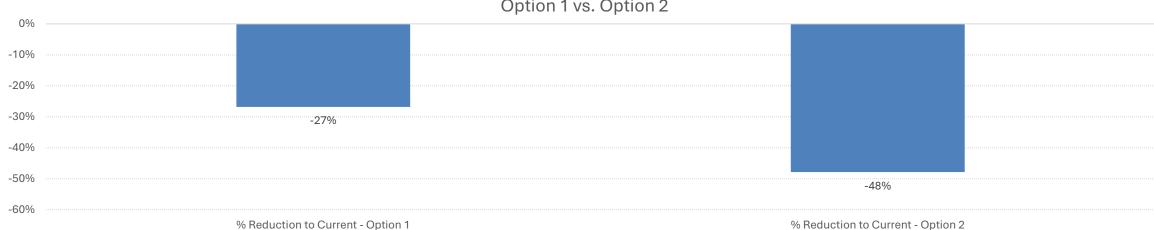
#### Street pedestrianization in urban districts: Economic impacts in Spanish cities

Yuji Yoshimura <sup>a</sup> A ⊠, Yusuke Kumakoshi <sup>a</sup> ⊠, Yichun Fan <sup>b</sup> ⊠, Sebastiano Milardo <sup>c</sup> ⊠, Hideki Koizumi <sup>a</sup> ⊠, Paolo Santi <sup>c d</sup> ⊠, Juan Murillo Arias <sup>e</sup> ⊠, Siqi Zheng <sup>b</sup> ⊠, Carlo Ratti <sup>c</sup> ⊠



### Pedestrianization & Parking Reduction

#### A parking reduction is recommended.



	Revenue Attributable to Parking Transactions & Other Uses - Current and Projected								
Current Cor	nditions		Option	n 1		Option	ו 2		
Parking/Non-Parking Revenue	Percent	Dollar	Parking/Non-Parking Revenue	Percent	Dollar	Parking/Non-Parking Revenue	Percent	Dollar	
Decomposition	_Attribution (%)	Attribution (\$)	Decomposition	_Attribution (%)	Attribution (\$)	Decomposition	Attribution (%)	Attribution (\$)	
			% of Main Street Revenue Explained by			% of Main Street Revenue Explained by			
% of Main Street Revenue Explained by	82%	\$187,582,749	Parking Transactions Given 27%	60%	\$137,291,484	Parking Transactions Given 48%	43%	\$97,829,359	
Parking Transactions			Reduction			Reduction			
% of Main Street Revenue Explained by	18%	\$41,176,701	% of Main Street Revenue Explained by	18%	\$41,176,701	% of Main Street Revenue Explained by	18%	\$41,176,701	
Non-Parking Uses	1070	φ41,170,701	Existing Non-Parking Uses	1070	φ41,170,701	Existing Non-Parking Uses	1070	φ41,170,701	
			Projected Direct and Indirect Revenue			Projected Direct and Indirect Revenue			
Current 3Y A	verage Revenue	\$228,759,450	Increase Due to New Economic	125%	\$284,833,533	Increase Due to New Economic	61%	\$140,367,942	
			Impacts			Impacts			
			Projected New Annual Revenue Give	n Implementation	\$463,301,718	Projected New Annual Revenue Give	n Implementation	\$279,374,002	
			% Revenue Cha	nge From Current	103%	% Revenue Cha	22%		
			% Revenue Change Attributable to Parking Uses -27%			% Revenue Change Attributab	e to Parking Uses	-48%	

Proposed Parking Reduction vs. Current in Main Street Study Area Option 1 vs. Option 2

Source: Zions Public Finance. As of July 2024	



#### Pedestrianization & Parking Reduction

What's really happening?

2

3

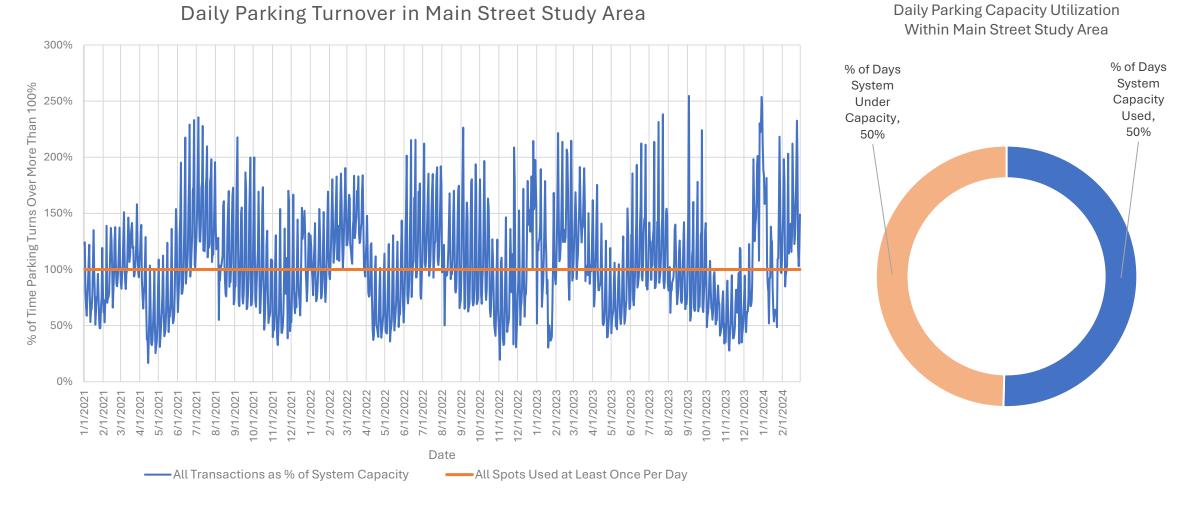
We have four years of the most recent data on every parking transaction per hour within the district along with data on the daily revenues of the district.

Not all the parking would go away, proposal in Option 1 is -27%.

Parking supply is not the determining factor when it comes to revenue generation as Main Street relatively outperforms when daily parking turnover is below system capacity. **Parking supply does not necessarily create parking turnover.** 



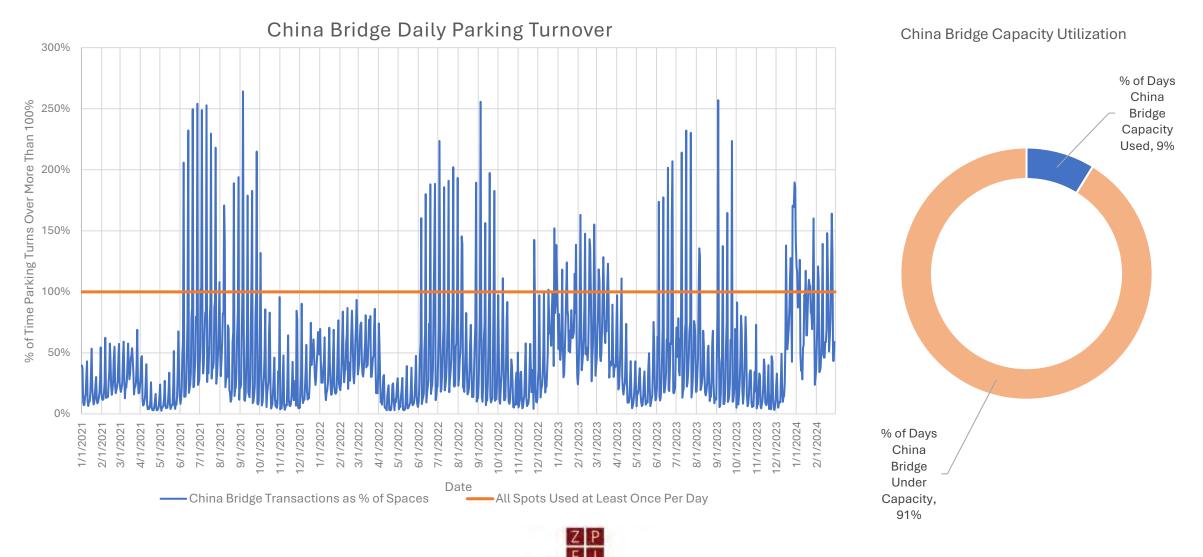
District-wide parking is under capacity at least 50% of the time, measured on a daily basis.



Source: PCMC, Zions Public Finance. As of July 2024.



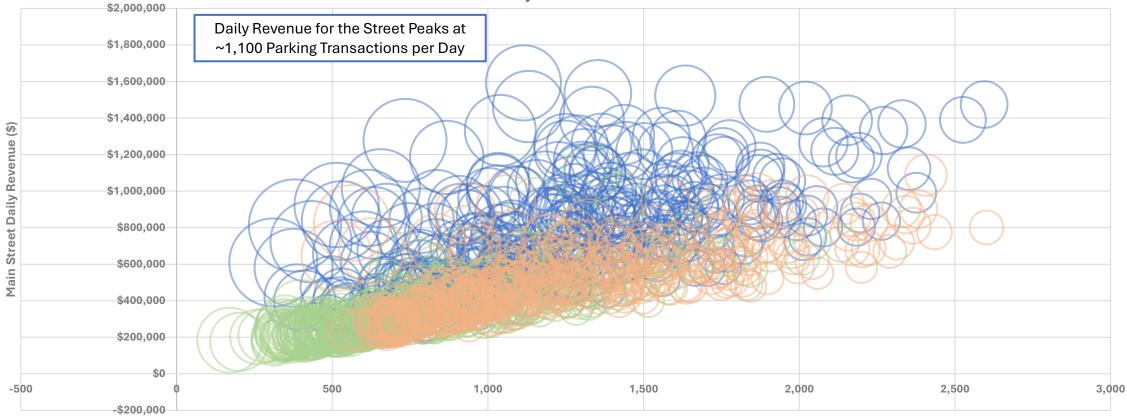
China Bridge is under capacity even more frequently.



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Source: PCMC, Zions Public Finance. As of July 2024.

Parking transaction volume in the district is not strongly predictive of a large revenue day.



All Main Street Area Lots Parking Transactions vs. Main Street Daily Revenue

By Season

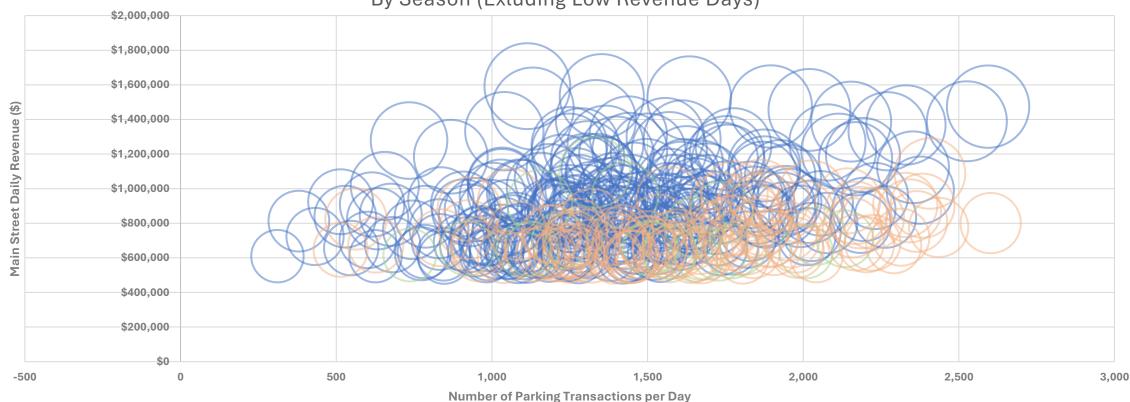
Number of Parking Transactions per Day

O All Lots Winter O All Lots Shoulder O All Lots Summer

Source: PCMC, Zions Public Finance. As of July 2024. Winter is defined as December, January, February, and March. Shoulder season is defined as April, May, October, and November. Summer is defined as July, August, September.



When excluding low revenue days in the district, (<\$600,000/day), there is almost no correlation between parking transactions and Main Street revenues.



All Main Street Area Lots Parking Transactions vs. Main Street Daily Revenue By Season (Exluding Low Revenue Days)

O All Lots Winter O All Lots Shoulder O All Lots Summer

Source: PCMC, Zions Public Finance. As of July 2024. Winter is defined as December, January, February, and March. Shoulder season is defined as April, May, October, and November. Summer is defined as July, August, September.



The same holds true for China Bridge. In fact, China Bridge performs best for the Street when it is has <400 daily transactions, when it is at least 33% under its capacity.

Low Transaction Winter Days at \$2,000,000 China Bridge Have High Revenue \$1,800,000 Impacts for the Street \$1,600,000 \$1,400,000 Main Street Daily Revenue (\$) \$1,200,000 \$1,000,000 \$800,000 \$600,000 \$400,000 High Transaction Summer Days at China Bridge Have Low Revenue \$200.000 Impacts for the Street 500 1,500 -500 1,000 2,000 -\$200,000

China Bridge Parking Transactions vs. Main Street Daily Revenue By Season

Number of Parking Transactions per Day

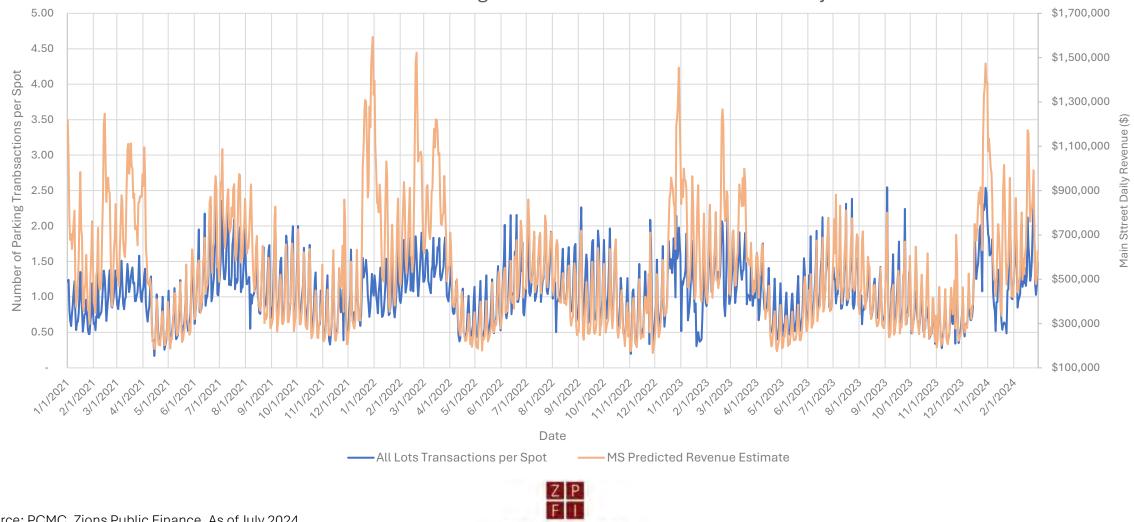
O China Bridge Winter O China Bridge Shoulder

houlder 💫 🔿 China Bridge Summer

Source: PCMC, Zions Public Finance. As of July 2024. Winter is defined as December, January, February, and March. Shoulder season is defined as April, May, October, and November. Summer is defined as July, August, September.



Parking turnover is predictive of summer and shoulder season revenue performance, but not strongly predictive of winter revenue.



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All Main Street Area Parking Lots Turnover vs. Main Street Daily Revenue

Source: PCMC, Zions Public Finance. As of July 2024.

Parking turnover in the winter creates high-value interactions. However, this occurs when daily system demand is less than 100%. This suggests that the most valuable customers are people arriving on shuttles, staying in the district, or people who park once and stay for a long duration.

All Main Street Area Parking Lots Turnover vs. Main Street Daily Revenue Impact per Parking

Transaction By Season \$1,400 Revenue Efficiency<sup>1</sup> for the Street Peaks When Daily Parking Demand \$1,200 is Less than System Capacity Main Street Daily Revenue Impact (\$) \$1,000 \$800 Summer Parking Turnover Has \$600 Almost No Effect on Revenue Efficiency<sup>1</sup> \$400 \$200 Shoulder Season Parking Turnover is Low and Has Low -50% 50% 100% 150% 200% 250% 300% **Revenue Effects** -\$200

Daily Parking Turnover

O All Lots Turnover Winter O All Lots Turnover Shoulder O All Lots Turnover Summer

Source: PCMC, Zions Public Finance. As of July 2024.

1. Revenue Efficiency is defined as Main Street Daily Revenue / Daily Number of Parking Transactions.

Winter is defined as December, January, February, and March.

Shoulder season is defined as April, May, October, and November.

Summer is defined as July, August, September.



### Pedestrianization & Parking Reduction

Let's assume parking transactions are the sole explanatory driver<sup>1</sup> of Main Street revenues, which over-weights its importance relative to other factors and reality. This would mean parking alone explains 82% of Main Street's revenue – which we know is likely false. What happens in our future scenarios?

#### Revenue Attributable to Parking Transactions & Other Uses - Current and Projected 250% % of Current Main Street Projected Direct and Projected Direct and Indirect Revenue Increase 200% % of Main Street Indirect Revenue Increase Due to New Economic Impacts, 61% Revenue (%) Revenue Explained by Due to New Economic 150% Non-Parking Uses, 18% Impacts, 125% % of Main Street Revenue 100% Explained by Non-Parking % of Main Street Revenue Uses. 18% % of Main Street Revenue Explained by Non-% of Main Street 50% Explained by Parking % of Main Street Revenue Parking Uses, 18% Revenue Explained by Transactions, 82% Explained by Parking Parking Transactions 0% Transactions, 43% 60% **Current Conditions** Option 1 **Option 2** % of Main Street Revenue Explained by Parking Transactions

% of Main Street Revenue Explained by Parking Transactions
 % of Main Street Revenue Explained by Non-Parking Uses

		Rev	enue Attributable to Parking Transaction	ons & Other Uses ·	- Current and Pro	ojected		
Current Cor	nditions		Option	า 1		Option	n 2	
Parking/Non-Parking Revenue	Percent	Dollar	Parking/Non-Parking Revenue	Percent	Dollar	Parking/Non-Parking Revenue	Percent	Dollar
Decomposition	Attribution (%)	Attribution (\$)_	Decomposition	_Attribution (%)	_Attribution (\$)_	Decomposition	_Attribution (%)	Attribution (\$)
			% of Main Street Revenue Explained by			% of Main Street Revenue Explained by		
% of Main Street Revenue Explained by	82%	\$187,582,749	Parking Transactions Given 27%	60%	\$137,291,484	Parking Transactions Given 48%	43%	\$97,829,359
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		% Revenue Change Attributable to Parking Uses -27% % Revenue Change At			% Revenue Change Attributab	le to Parking Uses	-48%	

Source: Zions Public Finance. As of July 2024. 1. This model is computed by assuming that parking transactions within the district are the sole univariate predictor of Main Street Revenue generation in Current Conditions.



#### Strategic Regional Facility

A strategic regional parking and housing development is critical to allowing developers fulfill their affordable housing obligations as part of Main Street improvements. Additional economic impact and workforce access is driven by a regional facility on the U.S. 40 and S.R. 248 corridor.

In June 2024, the <u>Summit</u> <u>County and Park City Regional</u> <u>Park and Ride Study</u> recommended a hybrid approach to expand and consolidate park and rides in the Greater Park City area.





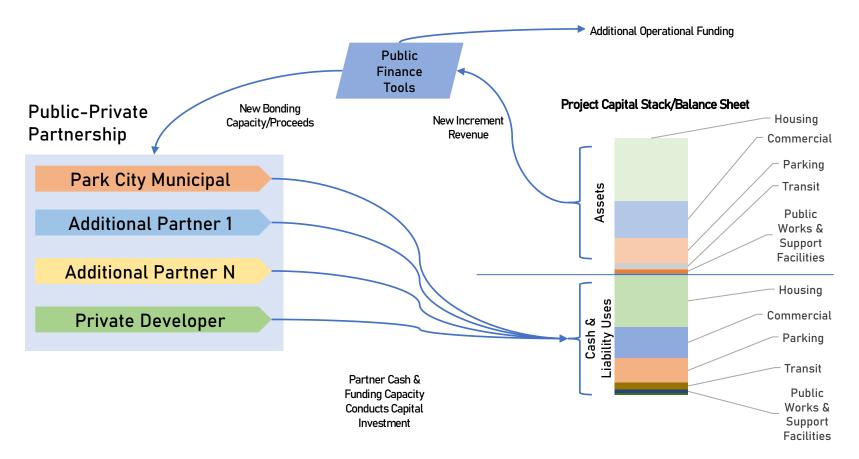
### Strategic Regional Facility

The funding framework for a strategic regional facility is achievable and aids in facilitating positive outcomes for Main Street and its workforce.















#### Comparison: Option 1 vs. Option 2

#### Summary of key comparisons across scenarios.

	Land Use D	river of New Revenue	e Effect			Land Use Driver of	New Visitation	Effect	
	Ор	tion 1	Opt	ion 2		Optio	n 1	Optio	n 2
Element	Total Direct & Indirect Impact - Option 1	% Contribution to New Revenue - Option 1	Total Direct & Indirect Impact - Option 2	% Contribution to New Revenue - Option 2	Element	Estimated New Visitation - Option 1	% Contribution to New Visitation - Option 1	Estimated New Visitation - Option 2	% Contribution to New Visitation - Option 2
High-End Boutique Hotel North	\$76,301,581	26.8%	\$26,907,224	19.2%	High-End Boutique Hotel North	91,250	4.0%	45,625	2.8%
Trendy Upmarket Hotel	\$36,392,404	12.8%	\$0	0.0%	Trendy Upmarket Hotel	82,125	3.6%	0	0.0%
High End Community Grocer	\$8,941,546	3.1%	\$16,082,094	11.5%	High End Community Grocer	148,500	6.4%	148,500	9.1%
Restaurant Space	\$14,326,744	5.0%	\$0	0.0%	Restaurant Space	138,700	6.0%	0 0	0.0%
High-End Bar	\$7,944,535	2.8%	\$0	0.0%	High-End Bar	165,000	7.2%	0	0.0%
Clothing & Makeup Retail	\$11,992,687	4.2%	\$0	0.0%	Clothing & Makeup Retail	172,500	7.5%	0 0	0.0%
Recreational Goods and Rental Retail	\$4,338,165	1.5%	\$0	0.0%	Recreational Goods and Rental Retail	24,000	1.0%	0	0.0%
High-End Phone and					High-End Phone and Computer				
Computer Retail	\$29,311,111	10.3%	\$0	0.0%	Retail	123,800	5.4%	0	0.0%
Liquor Store Expansion & Improvement	\$12,715,752	4.5%	\$20,318,760	14.5%	Liquor Store Expansion & Improvement	168,000	7.3%	168,000	10.3%
Office/Professional Radio/Incubator Commercial	\$6,818,475	2.4%	\$8,091,300	5.8%	Office/Professional Radio/Incubator Commercial	90,000	3.9%		
Office/Professional Software	\$5,855,110	2.1%	\$0	0.0%	Office/Professional Software	80	0.0%	0	0.0%
Performance/Event Space Private	\$5,874,907	2.1%	\$10,051,894	7.2%	Performance/Event Space Private	147,675	6.4%	147,675	9.1%
Performance/Event Space Public	\$9,270,745	3.3%	\$13,447,733	9.6%	Performance/Event Space Public	147,675	6.4%	147,675	9.1%
Market Rate Housing & Nightly Rentals	\$9,280,835	3.3%	\$0	0.0%	Market Rate Housing & Nightly Rentals	138	0.0%	0	0.0%
Workforce Housing	\$2,263	0.0%	\$2,263	0.0%	Workforce Housing	40	0.0%		
Post Office	\$640,033	0.2%	\$640,033	0.5%	Post Office	11,314	0.5%		
Civic Institutional	\$3,790,190	1.3%	\$3,790,190	2.7%	Civic Institutional	67,000	2.9%		
Main Street Pedestrianization	\$31,843,826	11.2%	\$31,843,826	22.7%	Main Street Pedestrianization	562,910	24.4%		
Central Pedestrian Space	······		······		Central Pedestrian Space Swede				
Swede Alley	\$9,192,625	3.2%	\$9,192,625	6.5%	Alley	162,500	7.1%		
Total	\$284,833,533		\$140,367,942		Total	2,303,207		1,629,239	



### Fiscal Impacts: PCMC

#### Main Street Area Option 1

Sector Cept Casino Hotels) and Motels Cept Casino Hotels) and Motels Cept Casino Hotels) and Motels cets and Other Grocery Retailers (except ice Retailers) cce Contractors aces (Alcoholic Beverages) thing Stores nal Goods Rental and Computer Peripheral Equipment and ferchant Wholesalers a, and Liquor Stores	Sq. Ft. 250,000 100,000 13,500 30,000 15,000 15,000 2,000 10,000	Direct Sales per So Et	Economic Impact Direct Sales per Year \$60,815,543 \$22,454,970 \$7,681,449 \$12,365,179 \$5,611,022 \$9,065,190 \$3,930,861 \$27,000,000	91,250 82,125 148,500 138,700 165,000 172,500 24,000	\$13,937,434 \$1,260,097 \$1,961,565 \$2,333,513 \$2,927,498 \$407,304	Market Value \$357,611,737 \$143,519,678 \$43,109,661 \$51,547,623 \$28,406,816 \$7,500,000 \$1,000,000	202 202 202 202 202
cept Casino Hotels) and Motels kets and Other Grocery Retailers (except ice Retailers) ce Contractors aces (Alcoholic Beverages) thing Stores ial Goods Rental and Computer Peripheral Equipment and ferchant Wholesalers	100,000 13,500 30,000 15,000 15,000 2,000 10,000	\$225 \$569 \$412 \$374 \$604 \$1,965	\$22,454,970 \$7,681,449 \$12,365,179 \$5,611,022 \$9,065,190 \$3,930,861	82,125 148,500 138,700 165,000 172,500 24,000	\$13,937,434 \$1,260,097 \$1,961,565 \$2,333,513 \$2,927,498 \$407,304	\$143,519,678 \$43,109,661 \$51,547,623 \$28,406,816 \$7,500,000	203 202 202 202 202 202 202
xets and Other Grocery Retailers (except ice Retailers) ce Contractors aces (Alcoholic Beverages) thing Stores ial Goods Rental and Computer Peripheral Equipment and ferchant Wholesalers	13,500 30,000 15,000 15,000 2,000 10,000	\$569 \$412 \$374 \$604 \$1,965	\$7,681,449 \$12,365,179 \$5,611,022 \$9,065,190 \$3,930,861	148,500 138,700 165,000 172,500 24,000	\$1,260,097 \$1,961,565 \$2,333,513 \$2,927,498 \$407,304	\$43,109,661 \$51,547,623 \$28,406,816 \$7,500,000	202
ce Retailers) ce Contractors aces (Alcoholic Beverages) thing Stores Ial Goods Rental and Computer Peripheral Equipment and ferchant Wholesalers	30,000 15,000 15,000 2,000 10,000	\$412 \$374 \$604 \$1,965	\$12,365,179 \$5,611,022 \$9,065,190 \$3,930,861	138,700 165,000 172,500 24,000	\$1,961,565 \$2,333,513 \$2,927,498 \$407,304	\$51,547,623 \$28,406,816 \$7,500,000	2029 2029 2029
ce Contractors aces (Alcoholic Beverages) thing Stores nal Goods Rental and Computer Peripheral Equipment and ferchant Wholesalers	30,000 15,000 15,000 2,000 10,000	\$412 \$374 \$604 \$1,965	\$12,365,179 \$5,611,022 \$9,065,190 \$3,930,861	138,700 165,000 172,500 24,000	\$1,961,565 \$2,333,513 \$2,927,498 \$407,304	\$51,547,623 \$28,406,816 \$7,500,000	202 202 202
aces (Alcoholic Beverages) thing Stores al Goods Rental and Computer Peripheral Equipment and 1erchant Wholesalers	15,000 15,000 2,000 10,000	\$374 \$604 \$1,965	\$5,611,022 \$9,065,190 \$3,930,861	165,000 172,500 24,000	\$2,333,513 \$2,927,498 \$407,304	\$28,406,816 \$7,500,000	202 202
thing Stores al Goods Rental and Computer Peripheral Equipment and Ierchant Wholesalers	15,000 2,000 10,000	\$604 \$1,965	\$9,065,190 \$3,930,861	172,500 24,000	\$2,927,498 \$407,304	\$7,500,000	
aal Goods Rental and Computer Peripheral Equipment and Ierchant Wholesalers	2,000	\$1,965	\$3,930,861	24,000	\$407,304		2029 2029
and Computer Peripheral Equipment and 1erchant Wholesalers	10,000				······	\$1,000,000	2029
1erchant Wholesalers		\$2,700	\$27,000,000	100.000			
		\$2,700	\$27,000,000	100.000			
and Liquor Stores	15 000		ψ27,000,000	123,800	\$2,311,111	\$17,400,000	2029
	15,000	\$721	\$10,815,000	168,000	\$1,900,752	\$7,500,000	2029
evision, and Other Broadcasting	20,000	\$150	\$3,000,000	90,000	\$3,818,475	\$0	2030
ublishers	15,000	\$390	\$5,850,584	80	\$4,526	\$7,500,000	2030
musement and Recreation Industries	13,425	\$126	\$1,697,919	147,675	\$4,176,987	\$6,712,500	2028
musement and Recreation Industries	13,425	\$379	\$5,093,758	147,675	\$4,176,987	\$6,712,500	2029
raveler Accommodation	41,500	\$223	\$9,273,057	138	\$7,778	\$51,688,528	2031
	15,200	\$0	\$0	40	\$2,263	\$7,600,000	2031
Shipping	7,200	\$0	\$0	11,314	\$640,033	\$0	2028
ntal	13,400	\$0	\$0	67,000	\$3,790,190	\$0	2029
ure	Full MS Right of Way	\$0	\$0	562,910	\$31,843,826	\$0	2030
		\$0	\$0	162,500	\$9,192,625	\$0	2029
		Projected Total Downside Scenario	\$184,654,533 \$162,106,381 \$207,202,685			\$737,809,043 \$647,715,232	
n ra S	nusement and Recreation Industries nusement and Recreation Industries aveler Accommodation Shipping Ital	nusement and Recreation Industries 13,425 nusement and Recreation Industries 13,425 aveler Accommodation 41,500 15,200 Shipping 7,200 Ital 13,400 Irre Full MS Right of Way	nusement and Recreation Industries 13,425 \$126 nusement and Recreation Industries 13,425 \$379 aveler Accommodation 41,500 \$223 5hipping 7,200 \$0 tral 13,400 \$0 tree Full MS Right of Way \$0 65,000 \$0 Projected Total	nusement and Recreation Industries         13,425         \$126         \$1,697,919           nusement and Recreation Industries         13,425         \$379         \$5,093,758           aveler Accommodation         41,500         \$223         \$9,273,057           15,200         \$0         \$0         \$0           Shipping         7,200         \$0         \$0           ital         13,400         \$0         \$0           ital         13,400         \$0         \$0           ital         65,000         \$0         \$0           65,000         \$0         \$0         \$0           Bruil MS Right of Way         \$0         \$0         \$0           65,000         \$0         \$0         \$0	nusement and Recreation Industries         13,425         \$126         \$1,697,919         147,675           nusement and Recreation Industries         13,425         \$379         \$5,093,758         147,675           aveler Accommodation         41,500         \$223         \$9,273,057         138           5hipping         7,200         \$0         \$0         40           ttal         13,400         \$0         \$0         65,000         65,000         \$0         65,020         \$0         \$162,503         \$162,503         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$2,021,962         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,381         \$162,106,	nusement and Recreation Industries         13,425         \$126         \$1,697,919         147,675         \$4,176,987           nusement and Recreation Industries         13,425         \$379         \$5,093,758         147,675         \$4,176,987           aveler Accommodation         41,500         \$223         \$9,273,057         138         \$7,778           Shipping         7,200         \$0         \$0         40         \$2,263           stal         13,400         \$0         \$0         11,314         \$640,033           tal         13,400         \$0         \$0         67,000         \$3,790,190           ree         Full MS Right of Way         \$0         \$0         \$65,000         \$0         \$65,000         \$9,9192,625           65,000         \$0         \$184,654,533         2,303,207         \$100,179,000           Downside Scenario         \$162,106,381         2,021,962         \$87,946,149	nusement and Recreation Industries         13,425         \$126         \$1,697,919         147,675         \$4,176,987         \$6,712,500           nusement and Recreation Industries         13,425         \$379         \$5,093,758         147,675         \$4,176,987         \$6,712,500           aveler Accommodation         41,500         \$223         \$9,273,057         138         \$7,778         \$51,688,528           5hipping         15,200         \$0         \$0         40         \$2,263         \$7,600,000           Shipping         7,200         \$0         \$0         11,314         \$640,033         \$0           ttal         13,400         \$0         \$0         \$0         \$1,843,826         \$0           ree         Full MS Right of Way         \$0         \$0         \$60         \$162,500         \$9,192,625         \$0           65,000         \$0         \$184,654,533         2,303,207         \$100,179,000         \$737,809,043           Downside Scenario         \$162,106,381         2,021,962         \$87,946,149         \$647,715,232

	Land Use			Economic Impacts				
Element	Sector	Sq. Ft.	Direct Sales per Sq. Ft.	Economic Impact Direct Sales per Year	Estimated Annual Visits Increase	Economic Impact Indirect Sales per Year	Market Value	Year Online
High-End Boutique Hotel North	Hotels (except Casino Hotels) and Motels	100,000	\$243	3 \$24,326,217	45,625	\$2,581,006	\$143,044,695	2028
High End Community Grocer	Supermarkets and Other Grocery Retailers (except Convenience Retailers)	13,500	\$569		148,500		\$43,109,661	2029
Liquor Store Expansion & Improvement	Beer, Wine, and Liquor Stores	15,000	\$72		168,000		\$7,500,000	2029
Office/Professional Radio/Incubator Commercial	Radio, Television, and Other Broadcasting	20,000	\$150	\$3,000,000	90,000	\$5,091,300	\$0	2030
Performance/Event Space Private	All Other Amusement and Recreation Industries	13,425	\$126	5 \$1,697,919	147,675	5 \$8,353,975	\$6,712,500	2028
Performance/Event Space Public	All Other Amusement and Recreation Industries	13,425	\$379	\$5,093,758	147,675	5 \$8,353,975	\$6,712,500	2029
Workforce Housing	Housing	16,000	\$0	D \$0	40	\$2,263	\$8,000,000	2031
Post Office	Postal and Shipping	7,200	\$0	D \$0	11,314	\$640,033	\$0	2028
Civic Institutional	Government	13,400	\$0	D \$0	67,000	\$3,790,190	\$0	2029
Main Street Pedestrianization	Infrastructure	Full MS Right of Way	\$0	D \$0	562,910	\$31,843,826	\$0	2030
Central Pedestrian Space Swede Alley	Infrastructure	65,000	\$0	D \$0	162,500	\$9,192,625	\$0	2029
			Projected Tota Downside Scenario Upside Scenario	\$46,189,610	1,551,239 1,361,817 1,740,661	\$77,038,012	\$215,079,356 \$647,715,232 \$827,902,855	



#### Fiscal Impacts: Summit County

#### Main Street Area Option 1

	Land Use			Summit County Fiscal Impacts						
Element	Sector	Sq. Ft.	Summit County - County Option	Summit County - County Option Transportation	Summit County - Botantical, Cultural, Zoo	Summit County - Transient Room Tax	Summit County - Property Tax			
High-End Boutique Hotel North	Hotels (except Casino Hotels) and Motels	250,000	\$190,754	\$190,754	\$76,302	\$1,824,466	§ \$175,587			
Trendy Upmarket Hotel	Hotels (except Casino Hotels) and Motels	100,000	\$90,981	\$90,981	\$36,392	\$673,649	9 \$70,468			
	Supermarkets and Other Grocery Retailers (except									
High End Community Grocer	Convenience Retailers)	13,500	\$22,354	\$22,354	\$8,942	\$0	\$21,167			
Restaurant Space	Food Service Contractors	30,000	\$35,817	\$35,817	\$14,327	\$0	) \$25,310			
High-End Bar	Drinking Places (Alcoholic Beverages)	15,000	\$19,861	\$19,861	\$7,945	\$0	) \$13,948			
Clothing & Makeup Retail	Family Clothing Stores	15,000	\$29,982	\$29,982	\$11,993	\$0	\$3,683			
Recreational Goods and Rental Retail	Recreational Goods Rental	2,000	\$10,845	\$10,845	\$4,338	\$0	) \$491			
	Computer and Computer Peripheral Equipment and									
High-End Phone and Computer Retail	Software Merchant Wholesalers	10,000	\$73,278	\$73,278	\$\$29,311	\$0	) \$8,543			
Liquor Store Expansion & Improvement	Beer, Wine, and Liquor Stores	15,000	\$31,789	\$31,789	\$12,716	\$0	\$3,683			
Office/Professional Radio/Incubator Commercial	Radio, Television, and Other Broadcasting	20,000	\$17,046	\$17,046	\$6,818	\$0	) \$0			
Office/Professional Software	Software Publishers	15,000	\$14,638	\$14,638	\$5,855	\$(	) \$3,683			
Performance/Event Space Private	All Other Amusement and Recreation Industries	13,425	\$14,687	\$14,687	\$5,875	\$(	) \$3,296			
Performance/Event Space Public	All Other Amusement and Recreation Industries	13,425	\$23,177	\$23,177	\$9,271	\$0	) \$3,296			
Market Rate Housing & Nightly Rentals	All Other Traveler Accommodation	41,500	\$23,202	\$23,202	\$9,281	\$278,192	2 \$25,379			
Workforce Housing	Housing	15,200	\$6	\$6	\$2	\$0	) \$3,732			
Post Office	Postal and Shipping	7,200	\$1,600	\$1,600	\$640	\$0	) \$0			
Civic Institutional	Governmental	13,400	\$9,475	\$9,475	\$3,790	\$0	) \$0			
Main Street Pedestrianization	Infrastructure	Full MS Right of Way	\$79,610	\$79,610	\$31,844	\$0	) \$0			
Central Pedestrian Space Swede Alley	N/A	65,000	\$22,982	\$22,982	\$9,193	\$0	) \$0			
			\$712,084 \$625,131 \$799,036	\$712,084 \$625,131 \$799,036	\$250,053	\$2,776,30 \$2,437,292 \$3,115,322	\$318,028			

#### Main Street Area Option 2

	Land Use		Summit County Fiscal Impacts						
Element	Sector	Sq. Ft.	Summit County - County Option	Summit County - County Option Transportation	Summit County - Botantical, Cultural, Zoo	Summit County - Transient Room Tax	Summit County - Property Tax		
High-End Boutique Hotel North	Hotels (except Casino Hotels) and Motels	100,000	\$67,268	\$67,268	\$26,907	\$729,787	y \$70,235		
	Supermarkets and Other Grocery Retailers (except	······		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·			
High End Community Grocer	Convenience Retailers)	13,500	\$40,205	\$40,205	\$16,082	\$230,443	\$ \$21,16		
Liquor Store Expansion & Improvement	Beer, Wine, and Liquor Stores	15,000	\$50,797	\$50,797	\$20,319	\$324,450	\$3,683		
Office/Professional Radio/Incubator Commercial	Radio, Television, and Other Broadcasting	20,000	\$20,228	\$20,228	\$8,091	\$90,000	) \$(		
Performance/Event Space Private	All Other Amusement and Recreation Industries	13,425	\$25,130	\$25,130	\$10,052	\$50,938	\$3,29		
Performance/Event Space Public	All Other Amusement and Recreation Industries	13,425	\$33,619	\$33,619	\$13,448	\$152,813	\$3,29		
Workforce Housing	Housing	16,000	\$6	\$6	\$2	\$0	\$3,928		
Post Office	Postal and Shipping	7,200	\$1,600	\$1,600	\$640	\$0	) \$0		
Civic Institutional	Government	13,400	\$9,475	\$9,475	\$3,790	\$0	) \$(		
Main Street Pedestrianization	Infrastructure	Full MS Right of Way	\$79,610	\$79,610	\$31,844	\$0	) \$(		
Central Pedestrian Space Swede Alley	Infrastructure	65,000	\$22,982	\$22,982	\$9,193	\$0	) \$(		
L			\$350,920	\$350,920	\$140,368	\$1,578,430	\$105,604		
			\$308,069	\$308,069	\$123,228	\$1,385,688	\$ \$92,709		
		ZIGNS RUM IC EINU	\$393,771	\$393,771	\$157,508	\$1,771,172	2 \$118,499		

#### Fiscal Impacts: Other Governmental Entities

#### Main Street Area Option 1

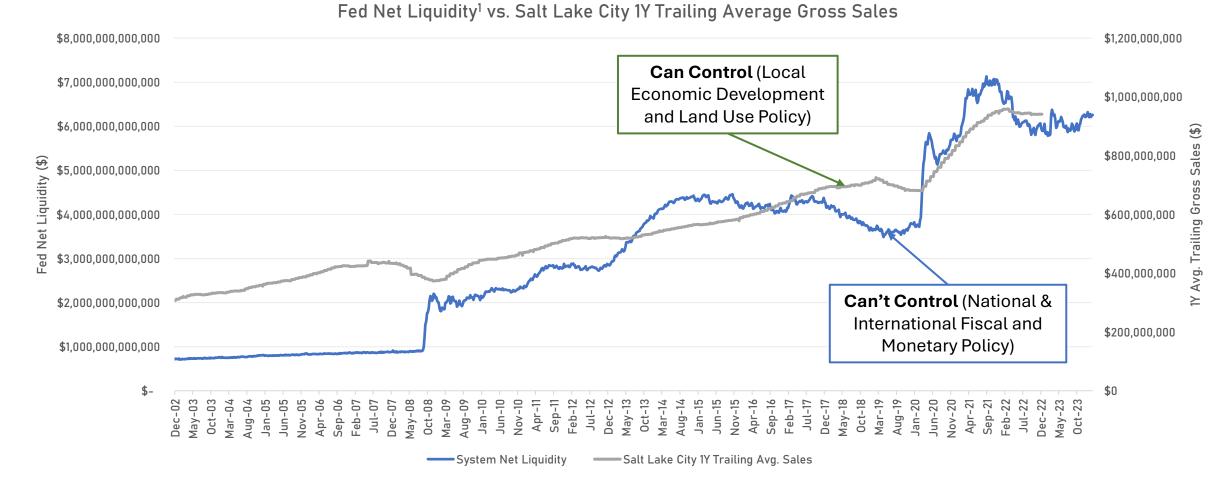
	Other Governmental Entities Fiscal Impacts							
Element	Sector	Sq. Ft.	Park City School District - Property Tax	Park City Fire District - Property Tax	Summit County Mosquito Abatement - Property Tax	Weber Basin Water Conservancy District - Property Tax	Multicounty Assessing & Collecting - Property Tax	
High-End Boutique Hotel North	Hotels (except Casino Hotels) and Motels	250,000	\$1,343,190	\$125,164	\$5,007	\$70,092	2 \$5,364	4 \$40,768
Frendy Upmarket Hotel	Hotels (except Casino Hotels) and Motels	100,000	\$539,060	\$50,232	\$2,009	\$28,130	) \$2,153	3 \$16,361
	Supermarkets and Other Grocery Retailers (except							
High End Community Grocer	Convenience Retailers)	13,500	\$161,920	\$15,088	\$604	\$8,449	9 \$647	
Restaurant Space	Food Service Contractors	30,000	\$193,613	\$18,042	\$722	\$10,103	3 \$773	3 \$5,876
High-End Bar	Drinking Places (Alcoholic Beverages)	15,000	\$106,696	\$9,942	\$398	\$5,568	3 \$426	\$ \$3,238
Clothing & Makeup Retail	Family Clothing Stores	15,000	\$28,170	\$2,625	\$105	\$1,470	) \$113	3 \$855
Recreational Goods and Rental Retail	Recreational Goods Rental	2,000	\$3,756	\$350	\$14	\$196	6 \$15	5 \$114
High-End Phone and Computer Retail	Computer and Computer Peripheral Equipment an Software Merchant Wholesalers	d 10,000	\$65,354	\$6,090	\$244	\$3,410	) \$261	\$1,984
Liquor Store Expansion & Improvement	Beer, Wine, and Liquor Stores	15,000	\$28,170	\$2,625	\$105	\$1,470	) \$113	3 \$855
Office/Professional Radio/Incubator Commercial	Radio, Television, and Other Broadcasting	20,000	\$0	\$0	\$0	\$0	0 \$0	) \$0
Office/Professional Software	Software Publishers	15,000	\$28,170	\$2,625	\$105	\$1,470	) \$113	
Performance/Event Space Private	All Other Amusement and Recreation Industries	13,425	\$25,212	\$2,349	\$94	\$1,316	6 \$101	\$765
Performance/Event Space Public	All Other Amusement and Recreation Industries	13,425	\$25,212	\$2,349	\$94	\$1,316	6 \$101	\$765
Market Rate Housing & Nightly Rentals	All Other Traveler Accommodation	41,500	\$194,142	\$18,091	\$724	\$10,13 <sup>-</sup>	1 \$775	5 \$5,892
Workforce Housing	Housing	15,200	\$28,546	\$2,660	\$106	\$1,490	) \$114	\$866
Post Office	Postal and Shipping	7,200	\$0	\$0	\$0	\$0	0 \$0	) \$0
Civic Institutional	Governmental	13,400	\$0	\$0	\$0	\$0	) \$0	) \$0
Main Street Pedestrianization	Infrastructure	Full MS Right of Way	\$0	\$0	\$0	\$0	0 \$0	) \$0
Central Pedestrian Space Swede Alley	N/A	65,000	\$0	\$0	\$0	\$(	0\$0	ı\$(
			\$2,771,211 \$2,432,818 \$3,109,603	\$258,233 \$226,700 \$289,766	\$10,329 \$9,068 \$11,591	\$144,61 \$126,952 \$162,269	2 \$9,716	\$73,840

	Land Use		Other Governmental Entities Fiscal Impacts						
Element	Sector	Sq. Ft.	Park City School District - Property Tax	Park City Fire District - Property Tax	Summit County Mosquito Abatement - Property Tax	Weber Basin Water Conservancy District - Property Tax	Multicounty Assessing & Collecting - Property Tax (		
High-End Boutique Hotel North	Hotels (except Casino Hotels) and Motels	100,000	\$537,276	\$50,066	\$2,003	\$28,03	7 \$2,146	\$16,307	
	Supermarkets and Other Grocery Retailers (except								
High End Community Grocer	Convenience Retailers)	13,500	\$161,920	\$15,088	\$604	\$8,44	9 \$647	\$4,915	
Liquor Store Expansion & Improvement	Beer, Wine, and Liquor Stores	15,000	\$28,170	\$2,625	\$105	\$1,47	0 \$113	\$855	
Office/Professional Radio/Incubator Commercial	Radio, Television, and Other Broadcasting	20,000	\$0	\$0	\$0	\$	0 \$0	\$0	
Performance/Event Space Private	All Other Amusement and Recreation Industries	13,425	\$25,212	\$2,349	\$94	\$1,31	6 \$101	\$765	
Performance/Event Space Public	All Other Amusement and Recreation Industries	13,425	\$25,212	\$2,349	\$94	\$1,31	6 \$101	\$765	
Workforce Housing	Housing	16,000	\$30,048	\$2,800	\$112	\$1,56	8 \$120	\$912	
Post Office	Postal and Shipping	7,200	\$0	\$0	\$0	\$	0 \$0	\$0	
Civic Institutional	Government	13,400	\$0	\$0	\$0	\$	D \$0	\$0	
Main Street Pedestrianization	Infrastructure	Full MS Right of Way	\$0	\$0	\$0	\$	0 \$0	\$0	
Central Pedestrian Space Swede Alley	Infrastructure	65,000	\$0	\$0	\$0	\$	0\$0_	\$0	
			\$807,838	\$75,278	\$3,011	\$42,15	6 \$3,226	\$24,519	
			\$709,193	\$66,086	\$2,643	\$37,00	8 \$2,832	\$21,525	
			\$906,483	\$84,470	\$3,379	\$47,30	3\$3,620	\$27,513	



#### What You Can vs. Can't Control

Salt Lake City's economy is still linked to global liquidity but is less volatile than Park City's and creates more of its own demand.

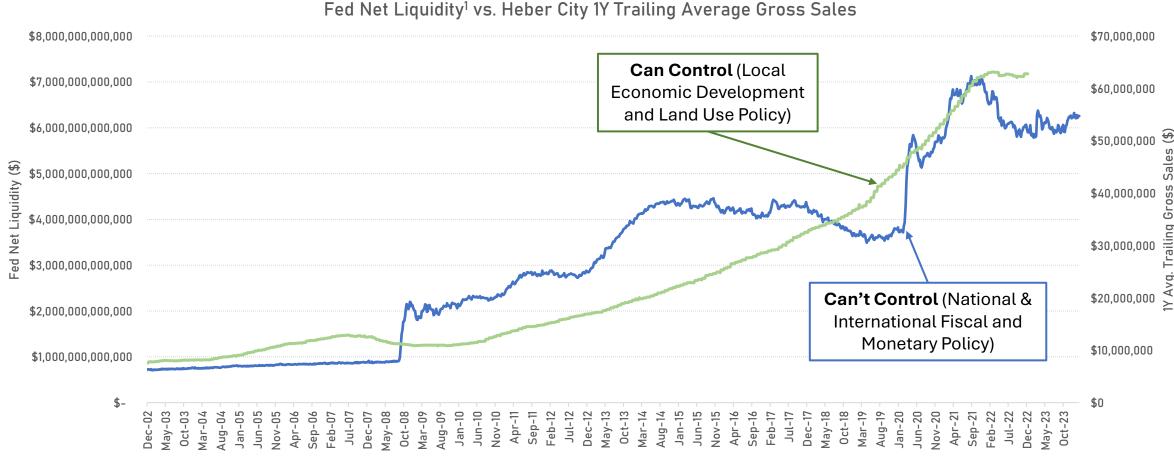


Source: Zions Public Finance, St. Louis Federal Reserve. As of July 2024. 1. Fed Net Liquidity is defined as The U.S. Federal Reserve Balance Sheet less the U.S. Treasury General Account and the U.S. Federal Reserve Overnight Repo Facility.



#### What You Can vs. Can't Control

# Heber City's economy is still linked to global liquidity but is less volatile than Park City's and creates more of its own demand.



System Net Liquidity

------Heber City 1Y Trailing Avg. Sales

Source: Zions Public Finance, St. Louis Federal Reserve. As of July 2024. 1. Fed Net Liquidity is defined as The U.S. Federal Reserve Balance Sheet less the U.S. Treasury General Account and the U.S. Federal Reserve Overnight Repo Facility.

#### What You Can vs. Can't Control

Fed Net Liquidity<sup>1</sup> vs. Bloomberg Barclays US Agg.

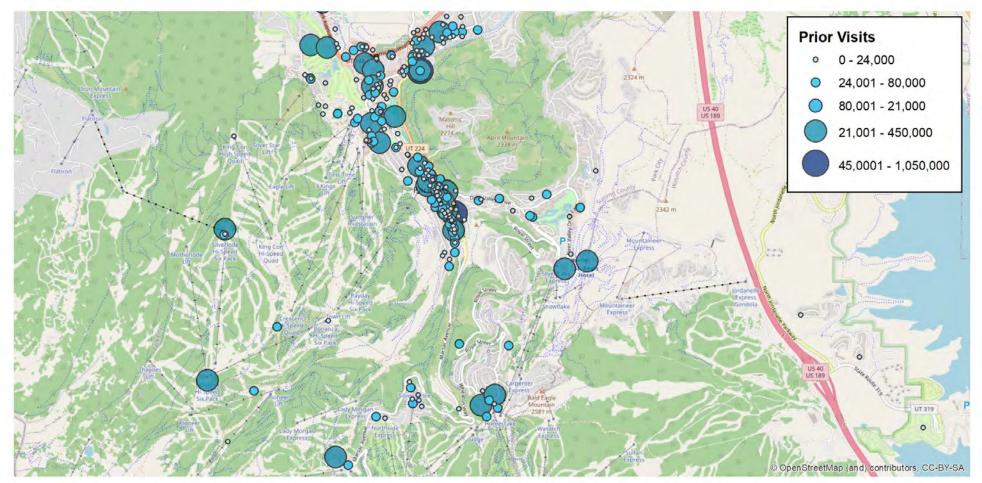


Source: Zions Public Finance, St. Louis Federal Reserve. As of July 2024. 1. Fed Net Liquidity is defined as The U.S. Federal Reserve Balance Sheet less the U.S. Treasury General Account and the U.S. Federal Reserve Overnight Repo Facility.



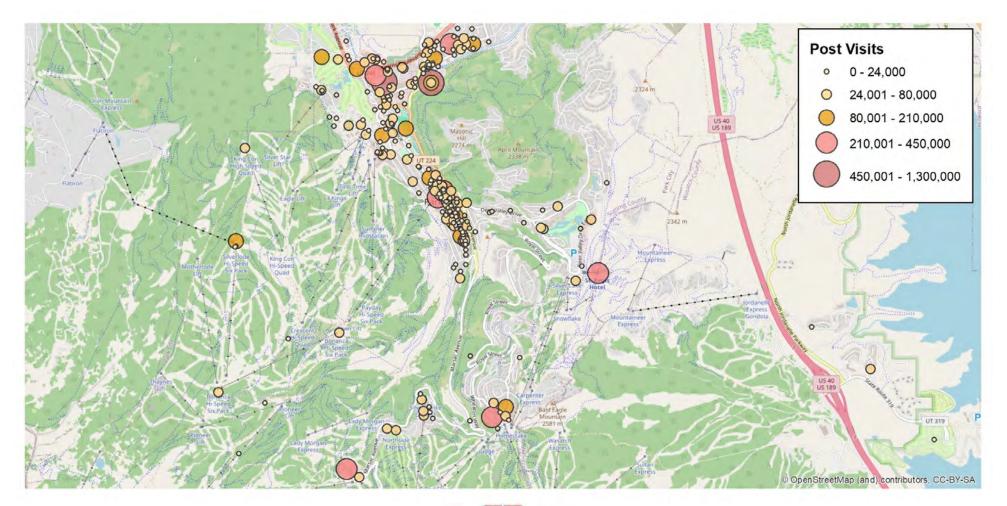
Fed Net Liquidity<sup>1</sup> vs. NASDAQ 100

Source: Zions Public Finance, St. Louis Federal Reserve. As of July 2024. 1. Fed Net Liquidity is defined as The U.S. Federal Reserve Balance Sheet less the U.S. Treasury General Account and the U.S. Federal Reserve Overnight Repo Facility. Prior to entering Main Street, significant visitor volumes pass through SLC International, ski areas, and Deer Valley.



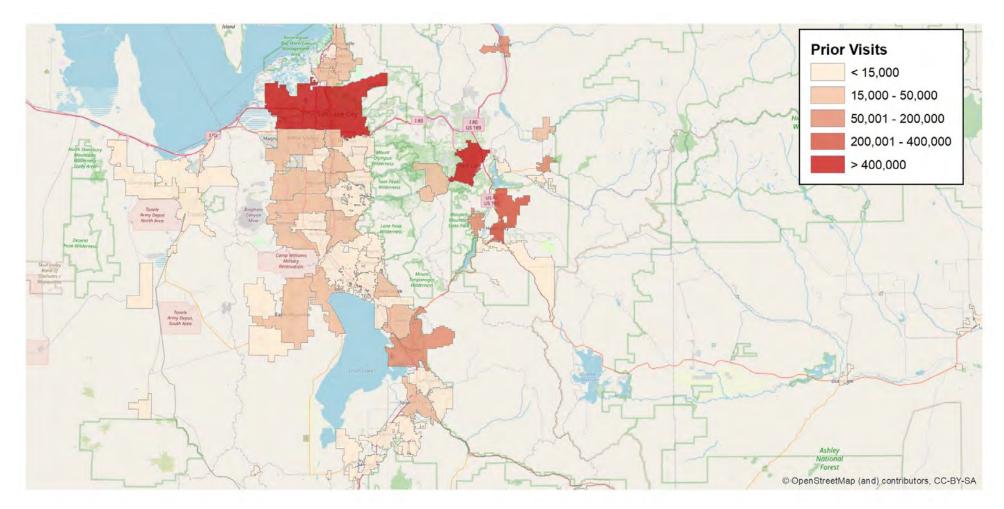


After leaving Main Street, visitors frequently go to Deer Valley, PC grocers, and SLC International.



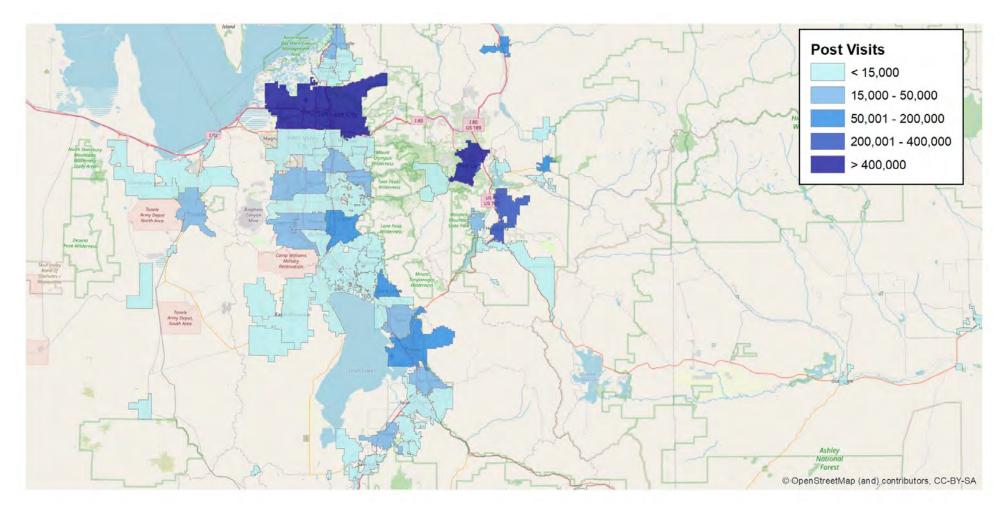


Prior visits by regional municipality.



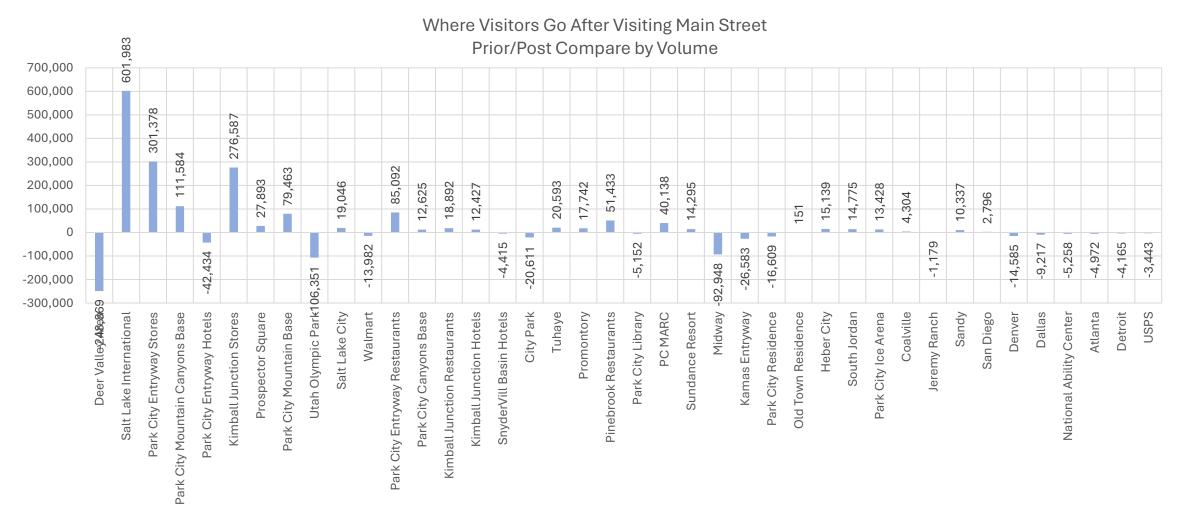


Post visits by regional municipality.





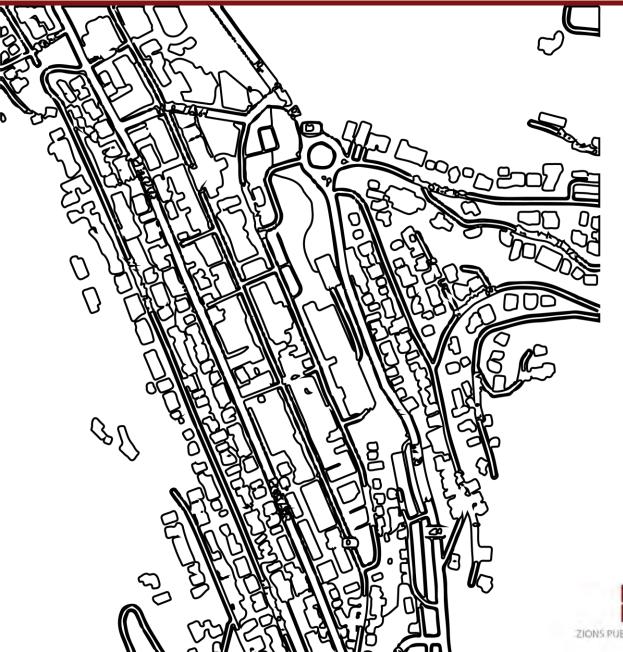
#### Prior/Post Comparison.



Source: Zions Public Finance, Placer.ai. As of April 2024.



#### The Opportunity



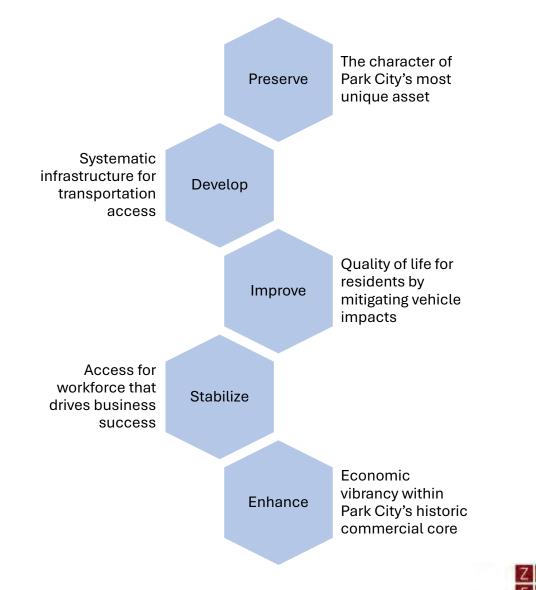
Preserving what we love.

Making the most of the assets and opportunities we have.

# Preparing for the future.



Source: Zions Public Finance. As of April 2024.



What do we need to produce?

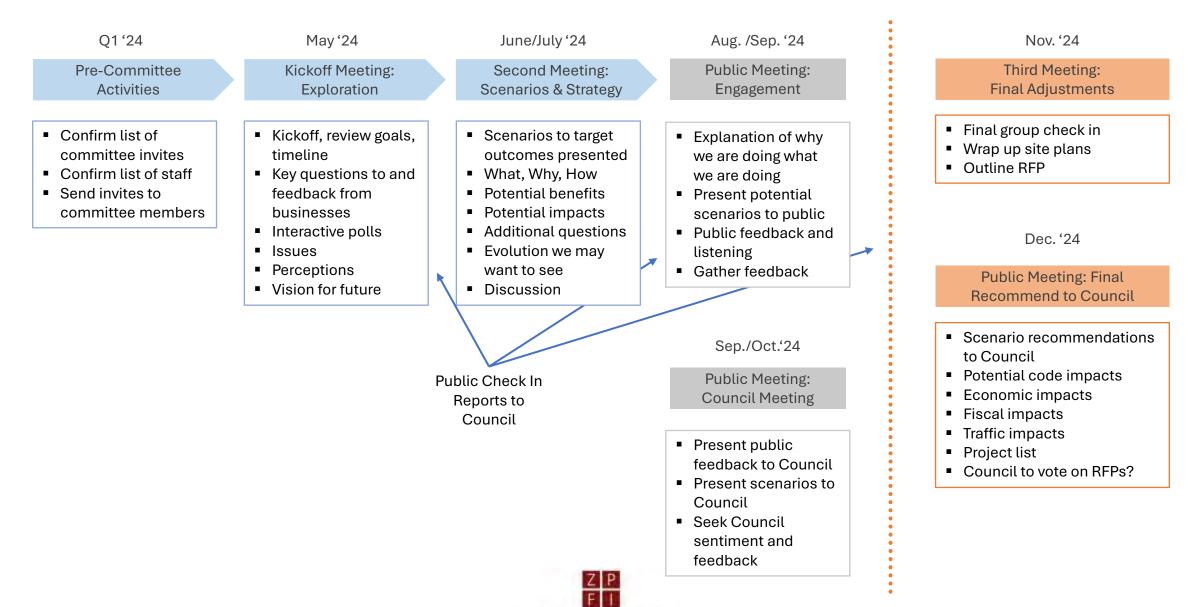
- Vision for the future
- Tangible and feasible project list
- Potential proposed code revisions regarding zoning, business licenses, vibrancy, etc. if needed
- RFP parameters should vision seek engagement of private sector
- Transportation and traffic proposals and revisions

#### Role of Committee Members

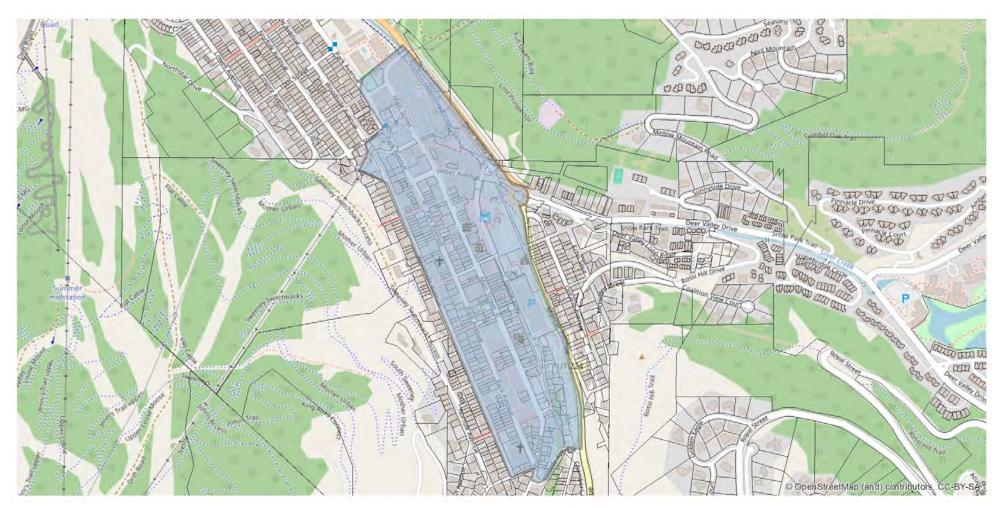


Source: Zions Public Finance, Park City Municipal Corporation. As of April 2024.

#### **Committee Timeline**

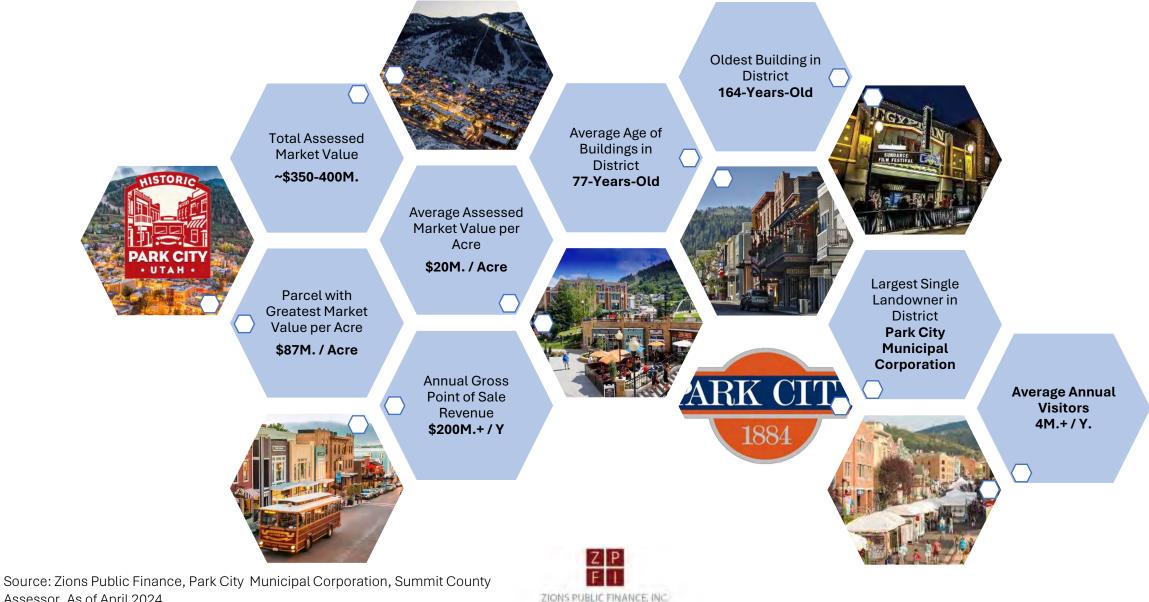


#### The study area defined by City Council in November 2023.





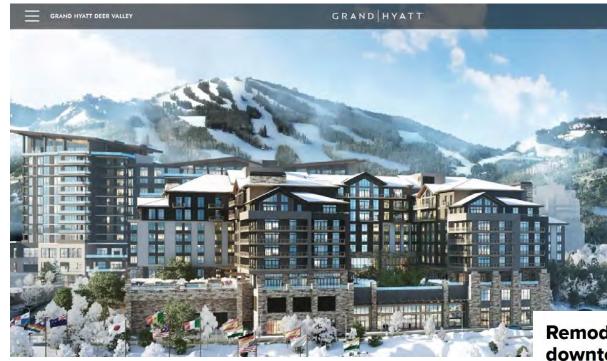
#### Study Area - Highlights



Assessor. As of April 2024.

#### **Competitive Landscape**

#### Regional evolution is coming.



#### The Salt Lake Tribune

#### Mayflower no more: Deer Valley picks new name for eastern hub

The new base is expected to be home to a ski school, rentals, 1,700 homes and three hotels.



Heber city council plans downtown redevelopment, delays voting on specific goals

Listen Like a Local Park City & Heber City Summit & Wasatch counties, Utah

ully curated and inte

DCW

KPCW | By Ben Lasseter

hed August 17, 2023 at 6:54 PM MD

Remodeled Delta Center and other downtown developments envisioned with NHL team





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Source: Salt Lake Tribune, KPCW, FOX13 Utah. As of April 2024.



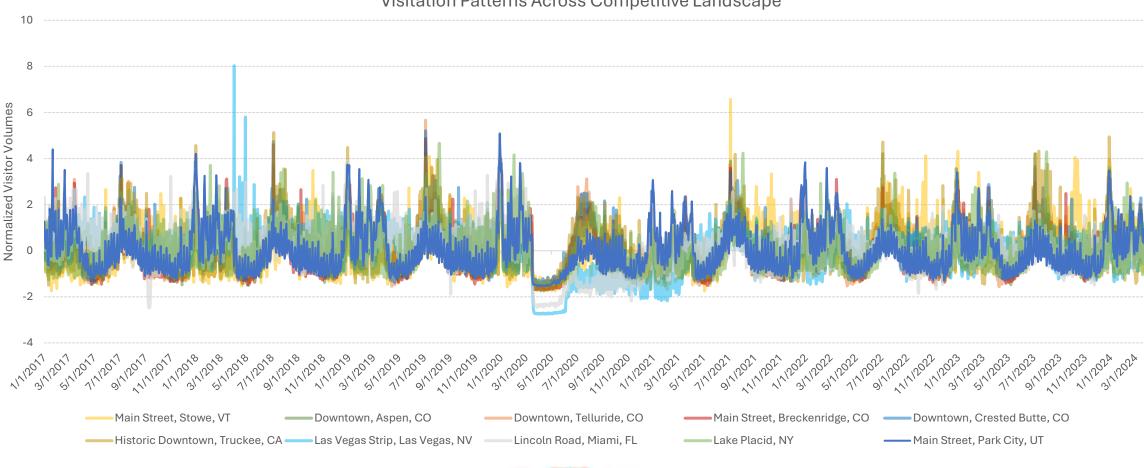
#### Competitive Landscape

Which cities and towns compete for Park City's Visitors?																			
	Main Street,	Church Street,	Main	Assembly Square,	Newbury Street,	Downtown	n Downtowr		Downtown		t Old Town,	Downtowr , Santa	Rodeo Drive,	Downtown		Downtown	Las Vegas		
	Park City, LIT	Burlington VT		Somerville	,	, Aspen, CO			d, Crested		Los Gatos,	,	Beverly				Strip, Las		Lake
Main Street, Park City, UT	1.00	0.29	Stowe, VT 0.49	<i>, MA</i> 0.26	<i>MA</i> 0.28	0.75	CO 0.66	ge, CO 0.83	Butte, CO 0.71	0.31	0.36	CA 0.45	Hills, CA 0.28	CA 0.56	<i>TN</i> 0.53	0.34	Vegas /NV 0.50	0.66	Placid, NY 0.57
Church Street, Burlington, VT	0.29	1.00	0.62	0.20	0.81	0.32	0.31	0.38	0.37	0.60	0.69	0.73	0.50	0.56	0.55	0.41	0.64	0.53	0.57
Main Street, Stowe, VT	0.49	0.62	1.00	0.52	0.56	0.58	0.55	0.56	0.55	0.33	0.50	0.53	0.38	0.63	0.59	0.50	0.51	0.47	0.63
Assembly Square, Somerville, MA	0.26	0.70	0.52	1.00	0.74	0.23	0.20	0.33	0.25	0.45	0.68	0.67	0.44	0.46	0.49	0.28	0.60	0.52	0.44
Newbury Street, Boston, MA	0.28	0.81	0.56	0.74	1.00	0.26	0.24	0.34	0.29	0.58	0.77	0.77	0.58	0.51	Q.48	0.28	0.69	0.58	0.51
Downtown, Aspen, CO	0.75	0.32	0.58	0.23	0.26	1.00	0.87	0.86	0.86	0.29	0.29	0.41	0.36	0.70	0.58	0.69	0.41	0.47	0.58
Downtown, Telluride, CO	0.66	0.31	0.55	0.20	0.24	0.87	1.00	0.81	0.89	0.36	0.27	0.41	0.35	0.66	0.50	0.74	0.38	0.40	0.56
Main Street, Breckenridge, CO	0.83	0.38	0.56	0.33	0.34	0.86	0.81	1.00	0.85	0.38	0.39	0.51	0.34	0.70	0.66	0.56	0.53	0.61	0.61
Downtown, Crested Butte, CO	0.71	0.37	0.55	0.25	0.29	0.86	0.89	0.85	1.00	0.34	0.30	0.44	0.30	0.69	0.55	0.72	0.41	0.45	0.60
16th Street Mall, Denver, CO	0.31	0.60	0.33	0.45	0.58	0.29	0.36	0.38	0.34	1.00	0.59	0.73	0.59	0.40	0.32	0.31	0.68	0.60	0.43
Old Town, Los Gatos, CA	0.36	0.69	0.50	0.68	0.77	0.29	0.27	0.39	0.30	0.59	1.00	0.79	0.68	0.52	0.47	0.27	0.72	0.65	0.48
Downtown, Santa Monica, CA	0.45	0.73	0.53	0.67	0.77	0.41	0.41	0.51	0.44	0.73	0.79 \	1.00	0.64	0.64	0.51	0.41	0.87	0.77	0.57
Rodeo Drive, Beverly Hills, CA	0.28	0.50	0.38	0.44	0.58	0.36	0.35	0.34	0.30	0.59	0.68	0.64	1.00	0.39	0.28	0.34	0.59	0.52	0.33
Historic Downtown, Truckee, CA	0.56	0.56	0.63	0.46	0.51	0.70	0.66	0.70	0.69	0.40	0.52	0.64	0.39	1.00	0.68	0.66	0,58	0.55	0.64
Downtown, Gatlinburg, TN	0.53	0.55	0.59	0.49	0.48	0.58	0.50	0.66	0.55	0.32	0.47	0.57	0.28	0.68	1.00	0.50	0.54	0.53	0.54
Downtown, Jackson, WY	0.34	0.41	0.50	0.28	0.28	0.69	0.74	0.56	0.72	0.31	0.27	0.41	0.34	0.66	0.50	1.00	0.32	0.22	0.50
Las Vegas Strip, Las Vegas, NV	0.50	0.64	0.51	0.60	0.69	0.41	0.38	0.53	0.41	0.68	0.72	0.87	0.59	0.58	0.54	0.32	1,00	0.80	0.55
Lincoln Road, Miami, FL	0.66	0.53	0.47	0.52	0.58	0.47	0.40	0.61	0.45	0.60	0.65	0.77	0.52	0.55	0.53	0,22	0.80	1.00	0.52
Lake Placid, NY	0.57	0.57	0.63	0.44	0.51	0.58	0.56	0.61	0.60	0.43	0.48	0.57	0:33	0.64	0.54	0.50	0.55	0.52	100
									Z P F I	1					I				



Source: Zions Public Finance, Placer.ai. As of April 2024.

#### Why? When it comes to deciding on destination, their visitors behave similarly to ours.



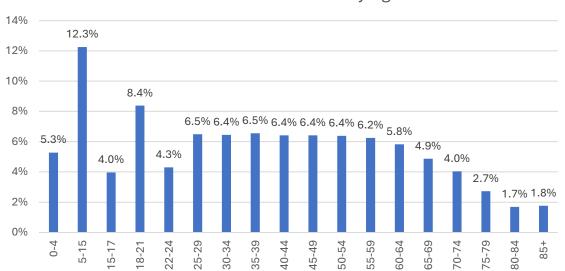
ZIONS PUBLIC FINANCE, INC.

Visitation Patterns Across Competitive Landscape

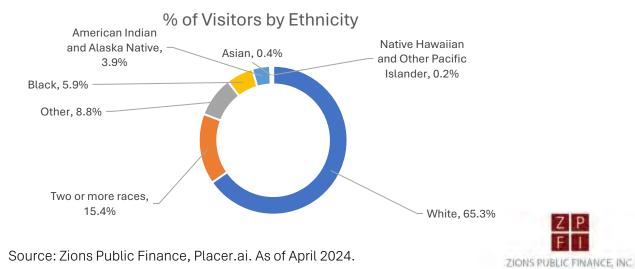
### Visitor Demographics

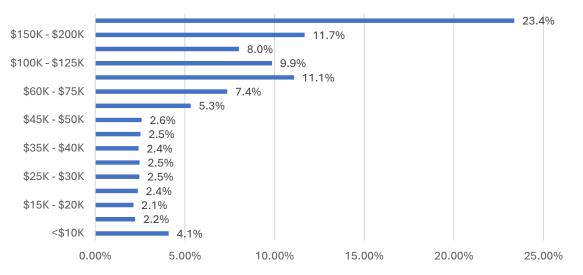
#### Who is our visitor?

ZP

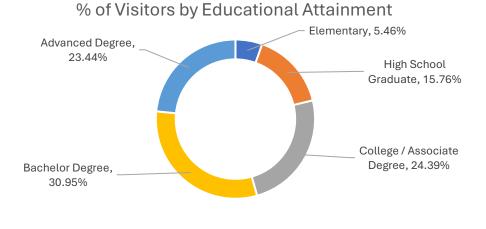


% Main Street Visitors by Age



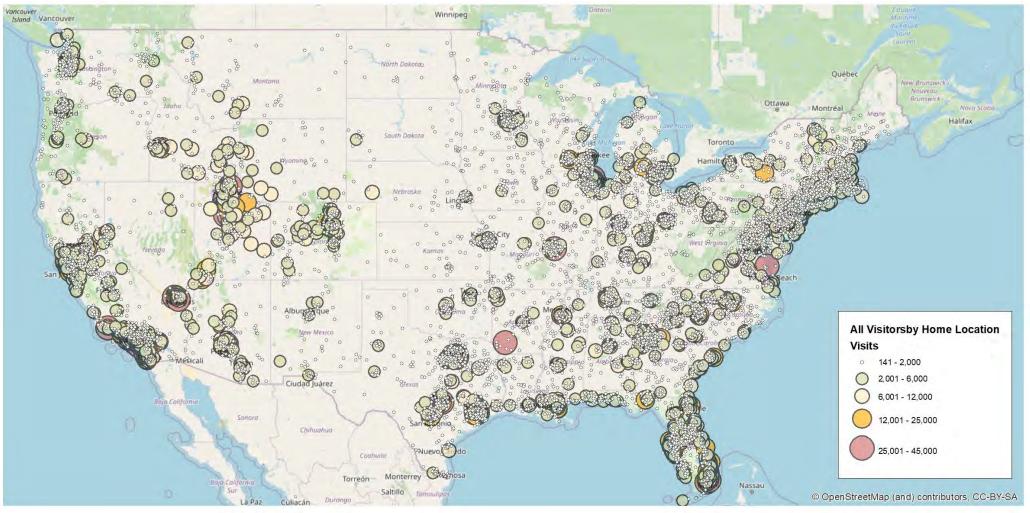


#### % of Main Street Visitors by Household Income



### Source of Our Visitors

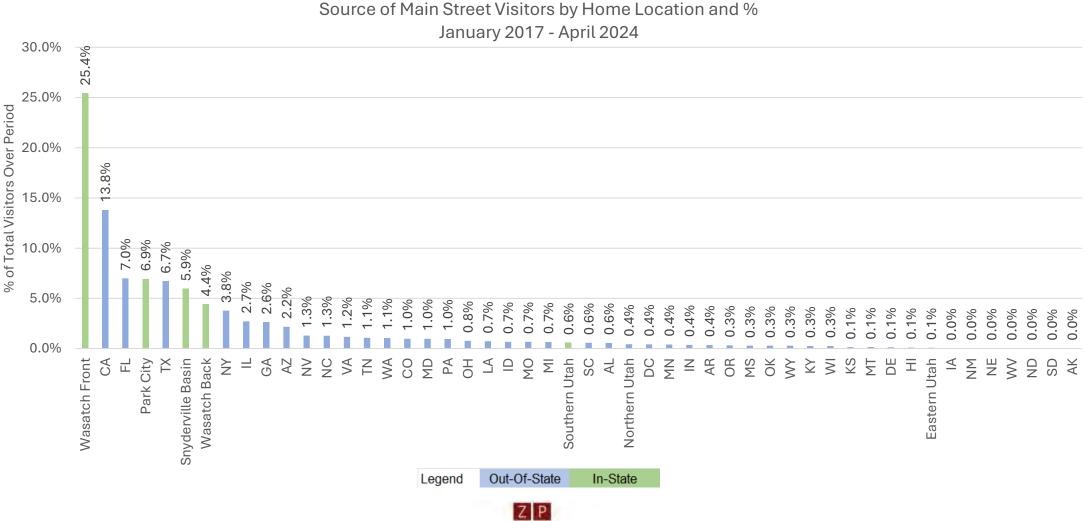
Monitoring visitation by home location shows importance of major metropolitans and Wasatch Front.





### Source of Our Visitors

Monitoring visitation by home location shows importance of major metropolitans and Wasatch Front.

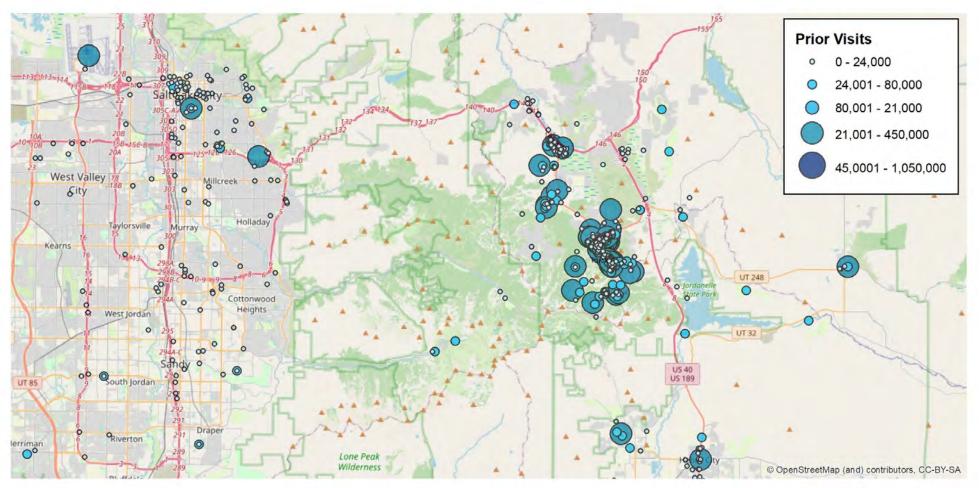


ZIONS PUBLIC FINANCE, INC.

Source: Zions Public Finance, Placer.ai. As of April 2024.

### Visitor Journey

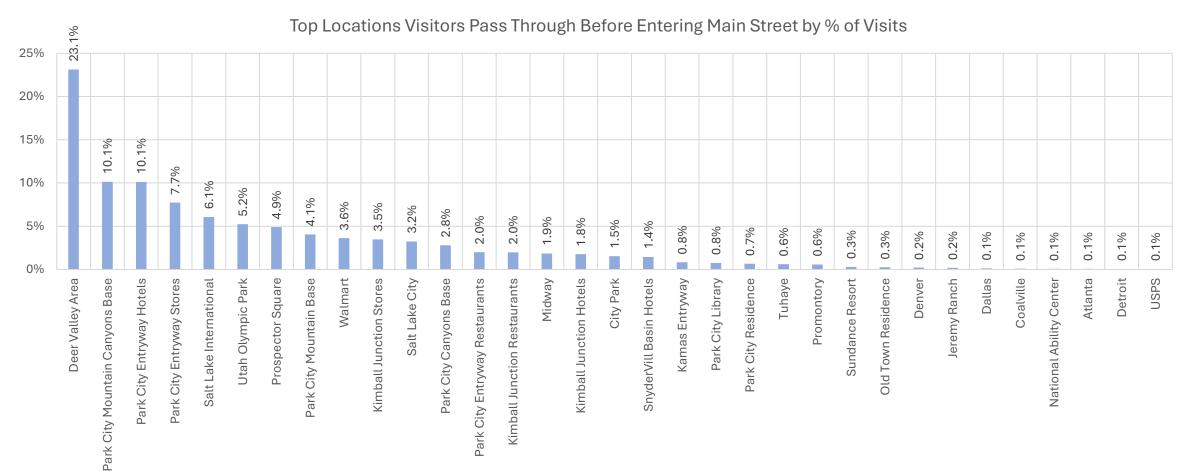
Prior to entering Main Street, significant visitor volumes pass through SLC International, ski areas, and Deer Valley.





### Visitor Journey

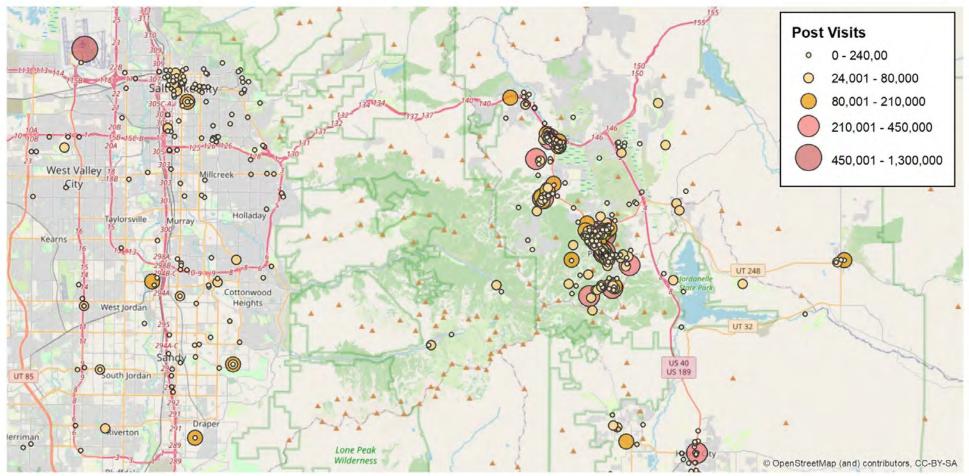
Prior to entering Main Street, significant visitor volumes pass through Deer Valley, Park City Mountain, entryway stores, and SLC International.





### Visitor Journey

After leaving Main Street, visitors frequently go to Deer Valley, PC grocers, and SLC International.



ΖP

ZIONS PUBLIC FINANCE, INC.

Source: Zions Public Finance, Placer.ai. As of April 2024.

After leaving Main Street, visitors frequently go to Deer Valley, SLC International, and Park City entryway stores and grocers.

#### 25% 16.7% 20% 12.8% 15% 10.4% 10.1% 8.1% 6.5% 10% 4.5% 4.5% 3.1% 3.0% 2.9% 2.8% 2.6% 1.9% 1.7% 5% 1.2% 1.1% 0.8% 0.7% 0.7% 0.6% 0.5% 0.4% 0.4% 0.4% 0.4% 0.2% 0.2% 0.2% 0.2% 0.1% 0.1% 0.1% 0.0% 0% Tuhaye Sandy Walmart Park City Entryway Restaurants Midway Salt Lake International Park City Entryway Stores Park City Mountain Canyons Base Park City Entryway Hotels Kimball Junction Stores Prospector Square Park City Mountain Base Utah Olympic Park Salt Lake City Park City Canyons Base Kimball Junction Restaurants Kimball Junction Hotels SnyderVill Basin Hotels City Park Pinebrook Restaurants Sundance Resort Old Town Residence South Jordan Park City Ice Arena Coalville Jeremy Ranch San Diego Deer Valley Area Promontory Park City Library PC MARC Park City Residence Heber City Kamas Entryway

ZP

ZIONS PUBLIC FINANCE, INC.

Top Locations Visitors Pass Through After Leaving Main Street by % of Visits

#### Recent Revenue Trends

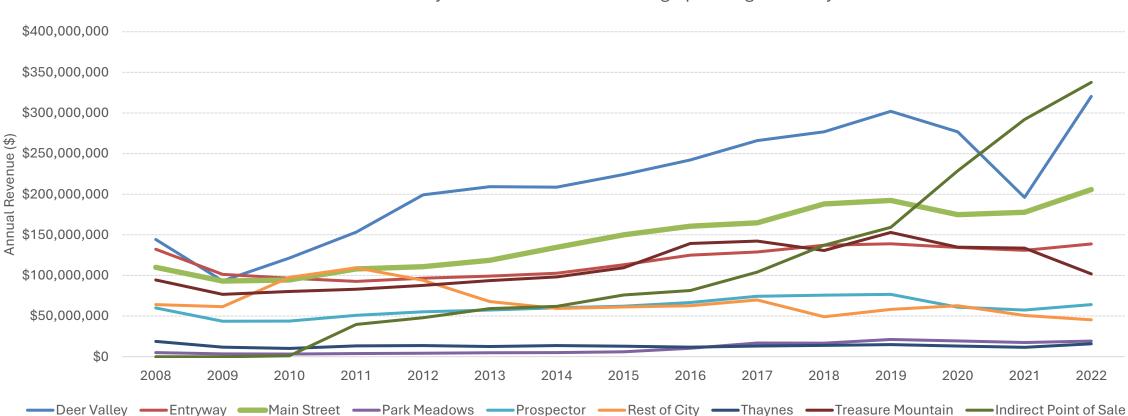
Value of a visitor to Main Street has remained stable in recent history, but is changing.



ZIONS PUBLIC FINANCE, INC.

#### Recent Revenue Trends

Additionally, Main Street is losing market share to Deer Valley and Online Retail.



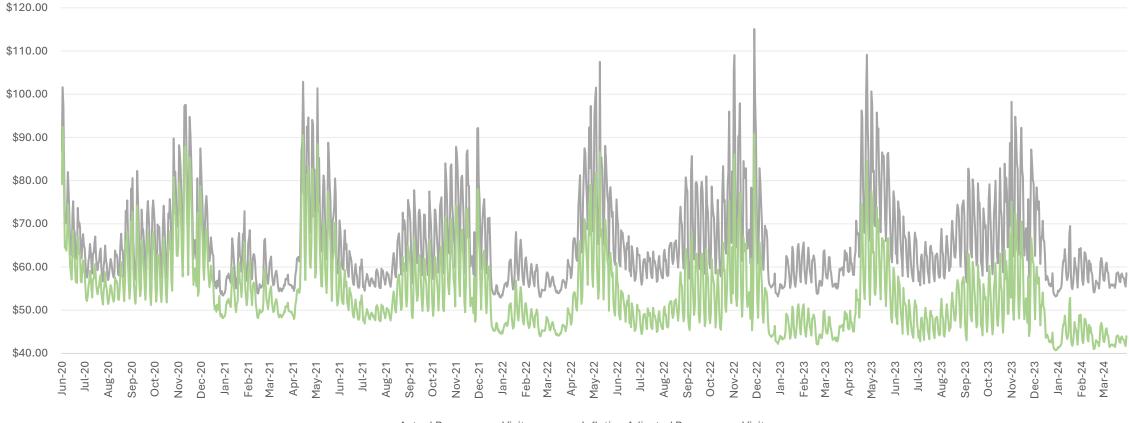
Annual Revenue By PCMC Fiscal Year and Geographic Region of City



#### Recent Revenue Trends

#### The recent era of inflation is eroding visitor's real buying power.





— Actual Revenue per Visit ——

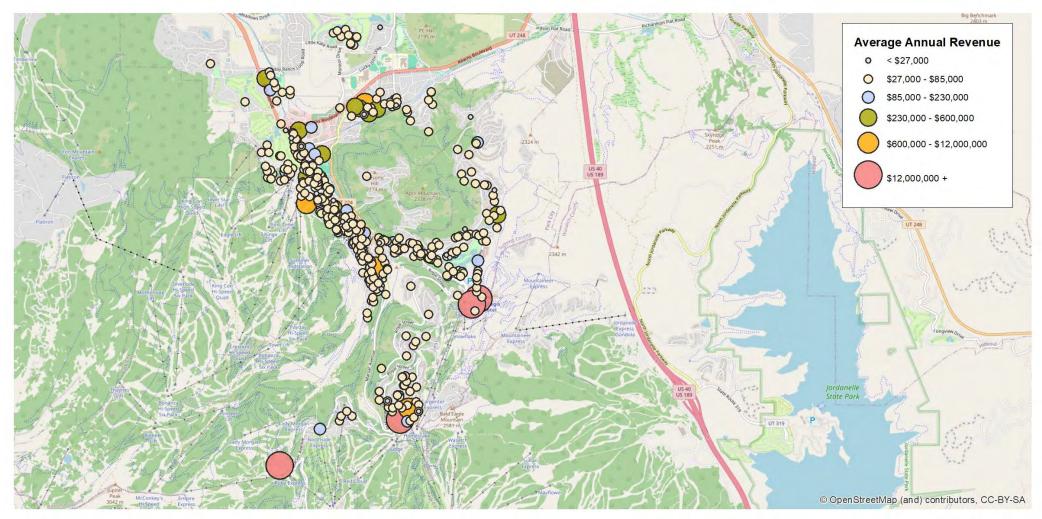
------ Inflation Adjusted Revenue per Visit





### Lodging Performance

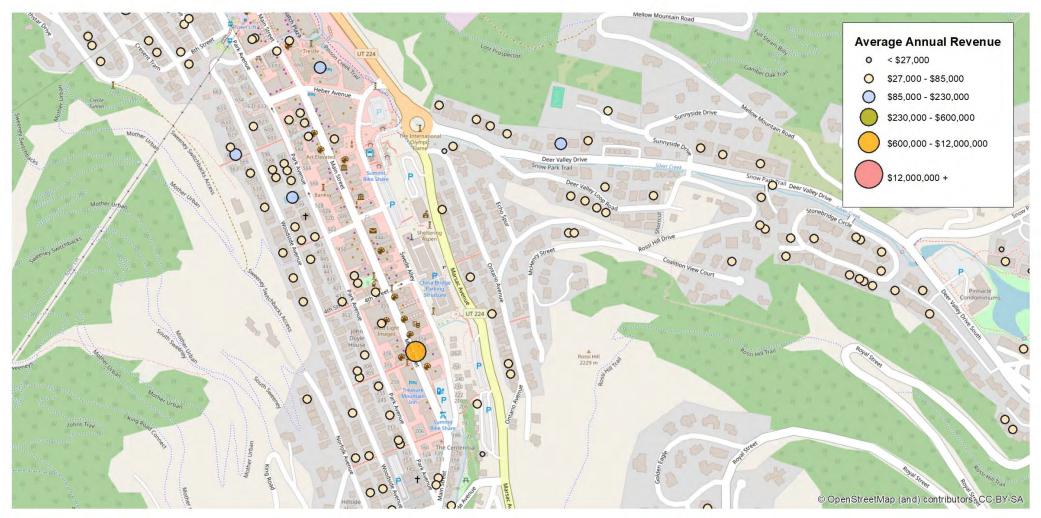
Deer Valley region is dominant and serves as Main Street's #1 customer.





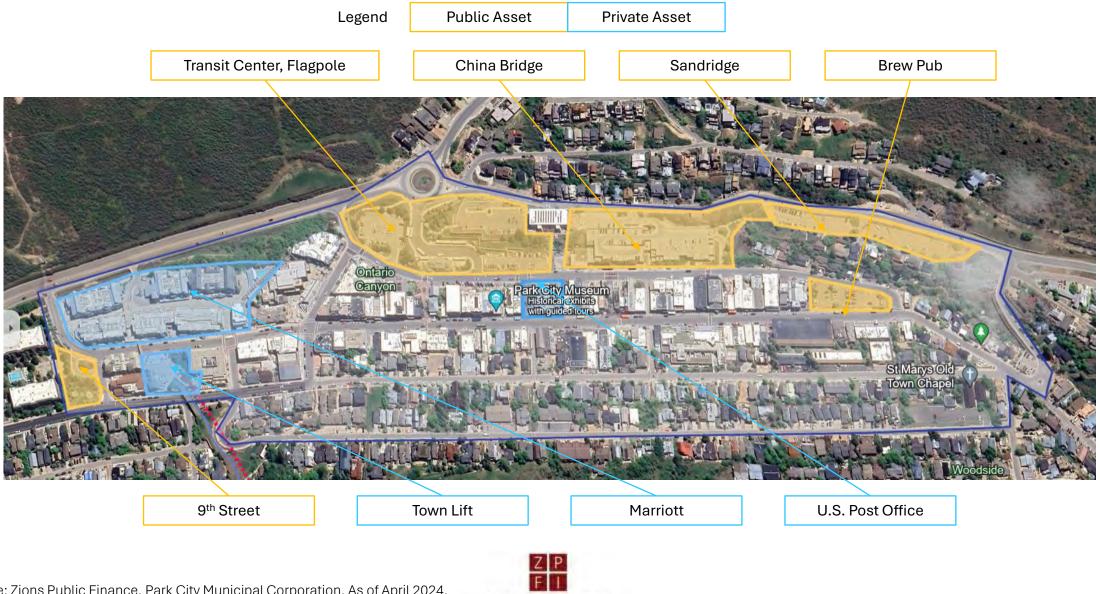
### Lodging Performance

#### Zooming in on the study area – most operators are nightly rentals.





### May 2024 Walking Tour



Source: Zions Public Finance, Park City Municipal Corporation. As of April 2024.

Park City Main Street Area Plan

# 

# **Scenarios and Transportation**

**Kimley»Horn** 

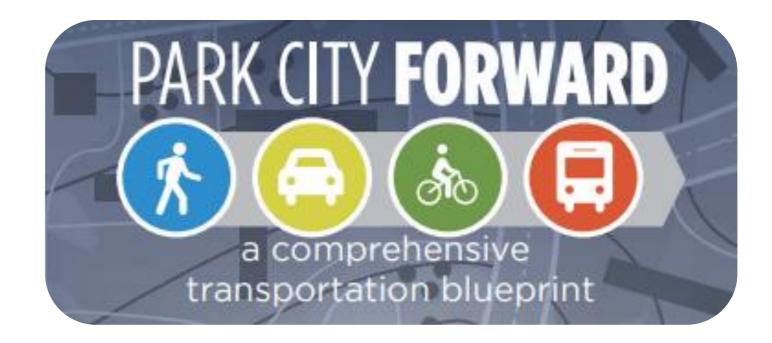
#### Agenda

- Park City, City-Wide Transportation Goals and Objectives •
- **Transportation Existing Conditions** •
- **Potential Cross-Sections Scenarios**  $\bullet$

# Park City Forward

# **Guiding Principles**

- **Develop** a Park Once community
- **Collaborate** with regional partners on longrange transportation solutions
- Identify, manage, and mitigate traffic during peak conditions
- **Expand** our world-class biking and walking infrastructure
- Proactively review and analyze disruptive transportation and transit ideas and innovation
- Continue to **develop and improve** the • internal Park City Transit system

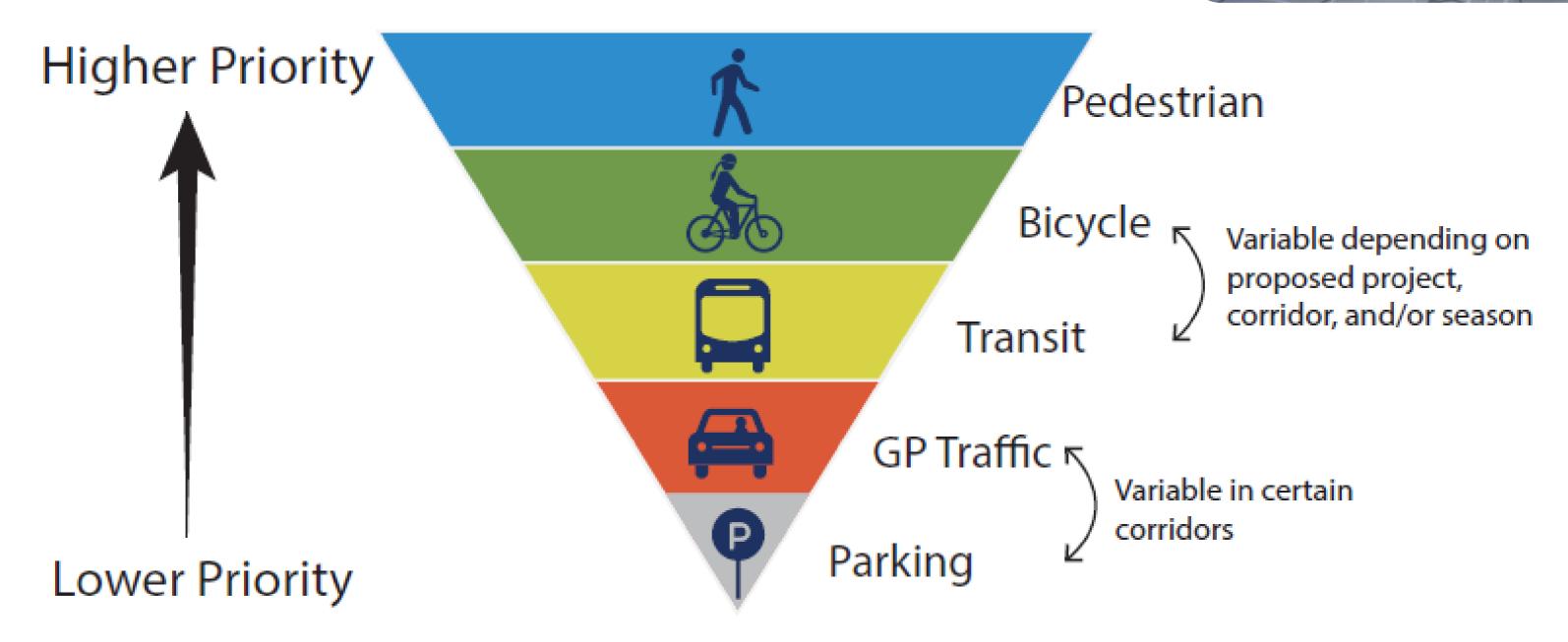


**KimleyHorn** 

**TRANSPORTATION GOALS** AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS

# **Existing City Policy –** Modal Priority for Decision Making

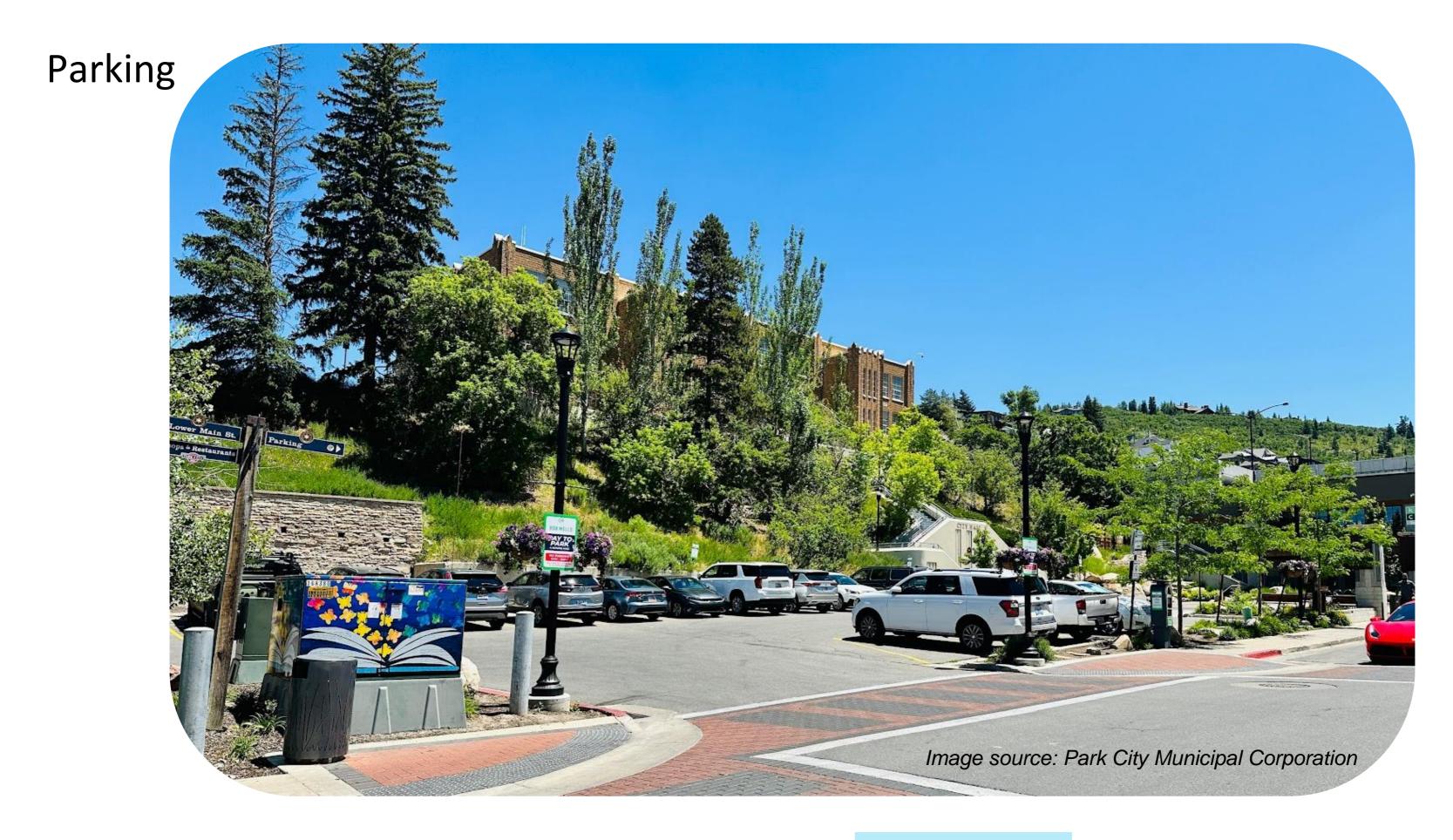


**Kimley»Horn** 

**TRANSPORTATION GOALS** AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS





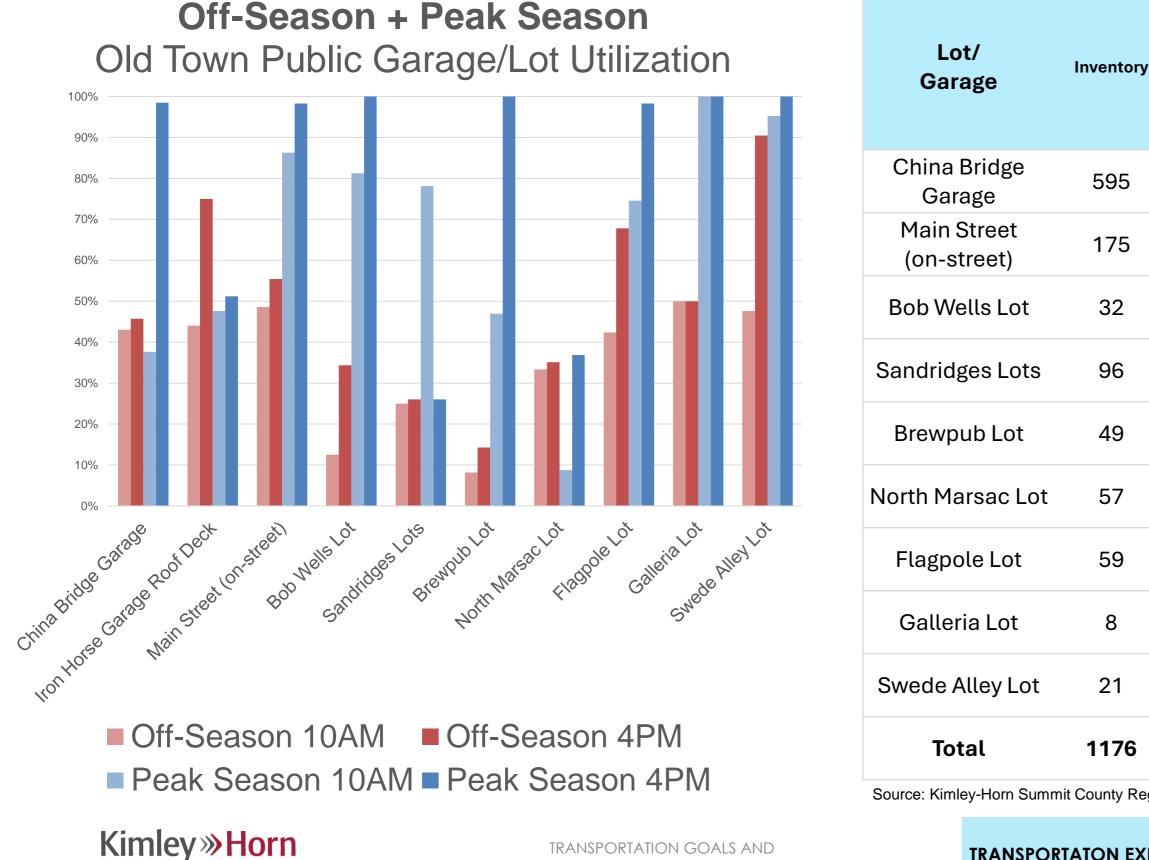


TRANSPORTATION GOALS AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS



# Summit County and Park City Regional Park and Ride Study



**OBJECTIVES** 

**TRANSPORTATON EXISTING** CONDITIONS

595

175

32

96

49

57

59

8

21

1176

**Off-Season** Peak Ski Season (4PM) (4 PM) Occupancy % Occupancy % Occupancy Occupancy spaces spaces <mark>46%</mark> 272 586 98% <mark>55%</mark> 97 172 98% <mark>34%</mark> 11 32 100% <mark>26%</mark> <mark>26%</mark> 25 25 <mark>14%</mark> 7 49 100% <mark>35%</mark> <mark>37%</mark> 20 21 <mark>68%</mark> 40 58 98% <mark>50%</mark> 100% 4 <u>8</u> 19 21 **90**% 100% <mark>47%</mark> 558 1015 86%

Source: Kimley-Horn Summit County Regional Park & Ride Analysis & Strategies Report (2024)

# Summit County and Park City Regional Park and Ride Study

### The study collected occupancy data in Old Town during the Summer/Fall Off-Season and Peak Ski Season period.



Source: Kimley-Horn Summit County Regional Park & Ride Analysis & Strategies Report (2024)

#### **Kimley»Horn**

TRANSPORTATION GOALS AND **OBJECTIVES** 

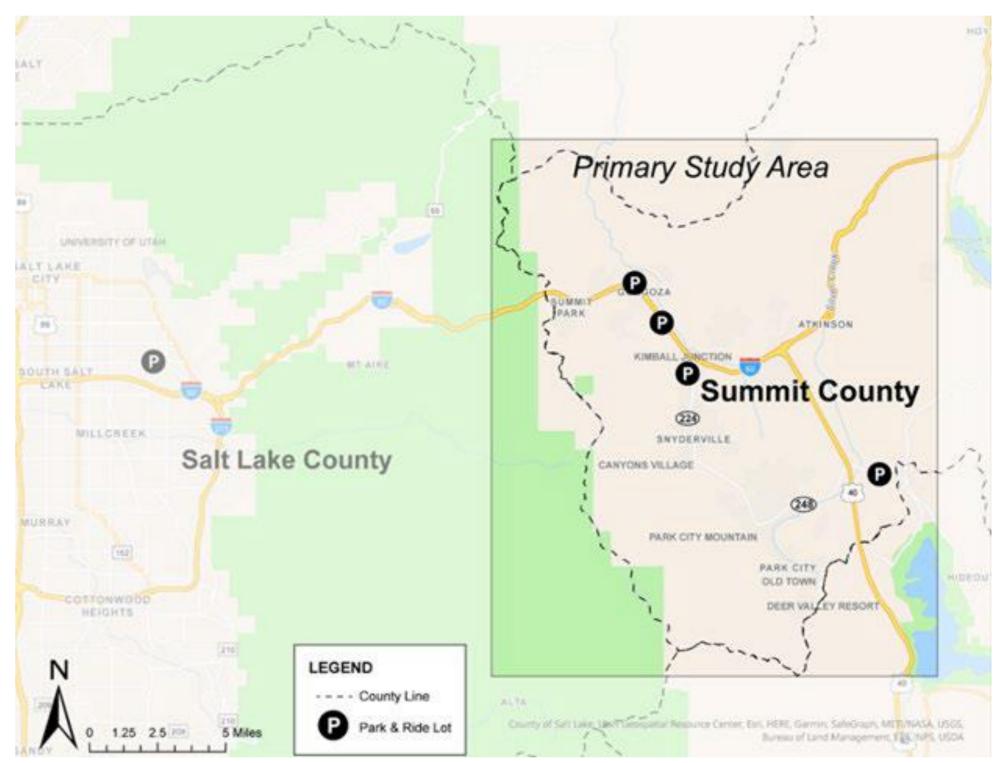
#### **TRANSPORTATON EXISTING CONDITIONS**



# Summit County and Park City Regional Park and Ride Study

# **Recommendations to maximize** regional Park & Ride (PnR) system:

- **Expand** Kimball Junction PnR with a parking garage
- **Build** new PnR lot at Quinn's Junction
- **Establish** long-term parking lease agreement with exiting SLC-area PnR near I-80 OR build new permanent SLC-area PnR near I-80 to replace exiting short-term lease lot
- Work with Wasatch County to build a PnR in central Heber City



Source: Kimley-Horn Summit County Regional Park & Ride Analysis & Strategies Report (2024)

TRANSPORTATON EXISTING CONDITIONS

# Transit





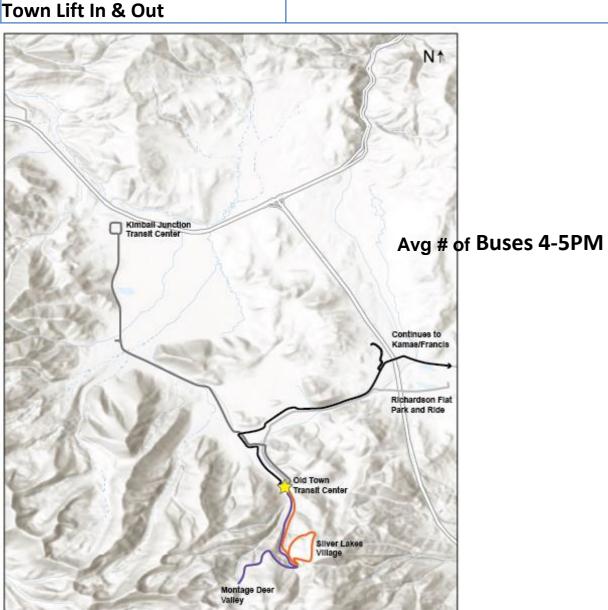
TRANSPORTATION GOALS AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS



# Old Town Transit Center – Existing Routes

Stop	Avg Boardings/Alightings 4-5PM
Old Town Transit Center	576
Town Lift In & Out	121
Total	698
Δ	Avg # of Buses 4-5PM
Old Town Transit Center	77
Town Lift In & Out	18



Town Lift Main Street Old

Town

Empire Lodge/Montage

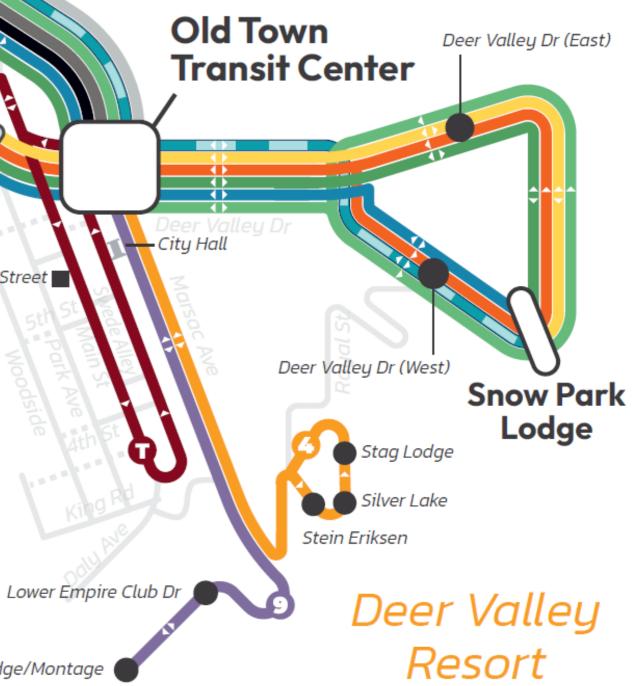
Source: Park City Transit Rider's Guide (Spring/Summer/Fall 2024)

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TRANSPORTATION GOALS AND **OBJECTIVES** 

#### **TRANSPORTATON EXISTING** CONDITIONS

#### **9 PC Transit Routes 3 HV Transit Routes**



# Potential Transit Center Changes

- Relocate Old Town Transit Center
- **Remove** end of line (EOL) facilities





TRANSPORTATION GOALS AND **OBJECTIVES** 

**TRANSPORTATON EXISTING** CONDITIONS

## Potential Transit Center Changes



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TRANSPORTATION GOALS AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS



# Vehicle Circulation and Access

### To/From North:

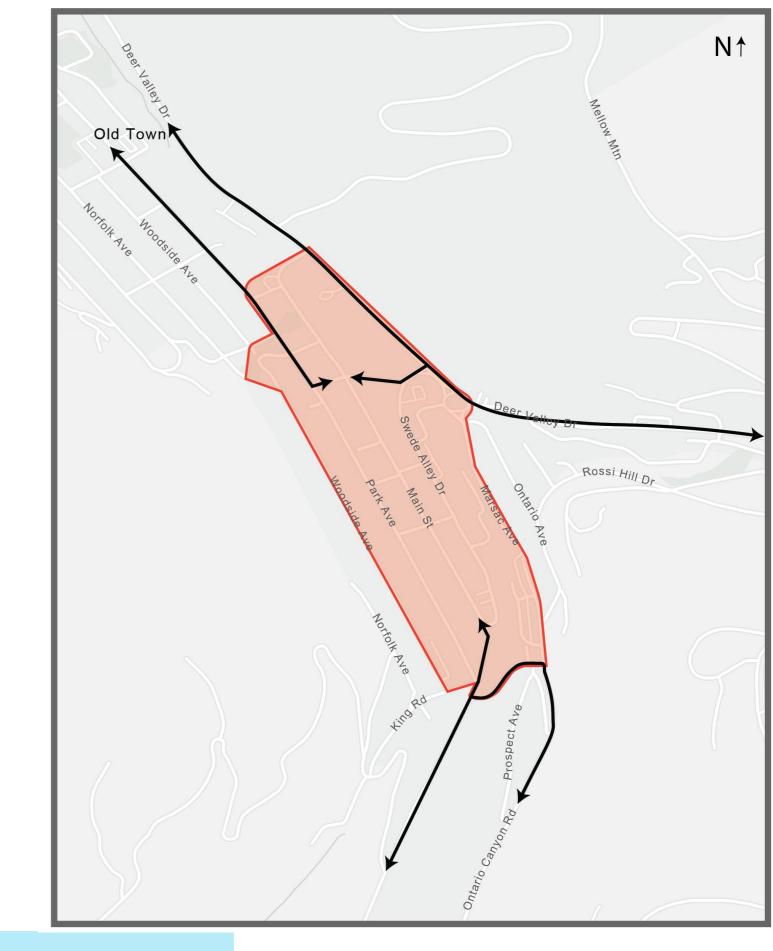
- Park Avenue
- SR 224 (via Heber Avenue)

### To/From South:

- Daly Avenue
- Marsac Avenue / SR 224 (via Hillsdale Avenue)

To/From East:

• SR 248 (via Heber Avenue)



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TRANSPORTATION GOALS AND OBJECTIVES

#### TRANSPORTATON EXISTING

CONDITIONS

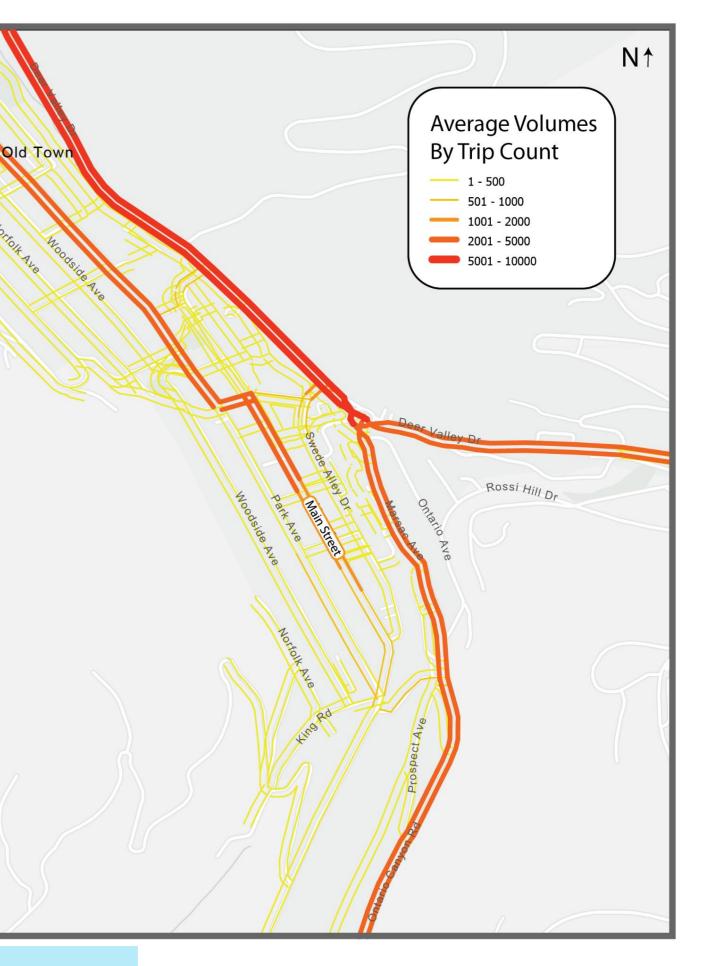
# Existing Average Saturday Traffic Volume

Roadway	Segment	Daily Volumes (one-direction) 1,500 - 2,700 300 - 1,600			
Main St	North of 4 <sup>th</sup> St South of 4 <sup>th</sup> St				
Swede Alley	North of 4 <sup>th</sup> St South of 4 <sup>th</sup> St	200 - 800 100 - 300			
Park Ave	North of Heber Ave South of Heber Ave	2,500 - 3,000 300 - 700			
Daly Ave	South of Hillsdale Ave	100 – 300			
Deer Valley Dr	East of SR-224	2,800 - 3,000			
SR-224	North of Deer Valley Dr	6,500 - 9,500			
Marsac Ave/ SR-224	South of Deer Valley Dr	4,200 - 4,400			

Source: Replica (2023)

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TRANSPORTATON EXISTING CONDITIONS



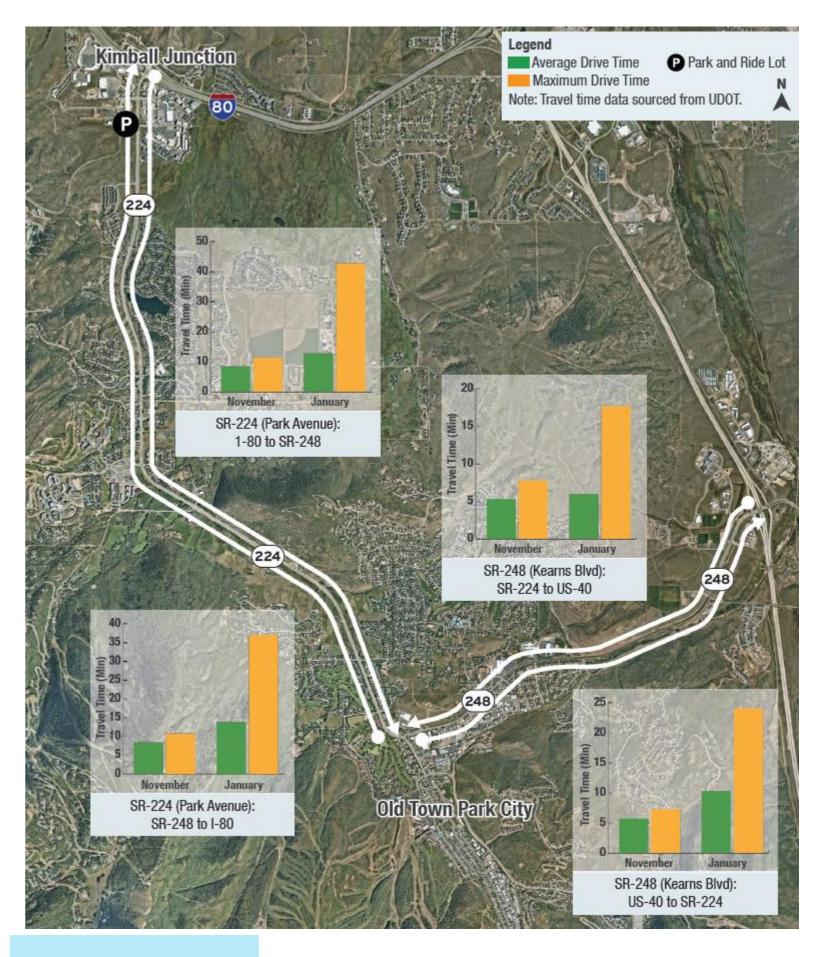
# Travel Time (minutes) on SR-224 and SR-248

Devite		Nove	ember	January			
Route	Direction	Avg.	Max.	Avg.	Max.		
SR-248 (Kearns Blvd): SR-224 to US-40	EB	5.31	7.80	6.00	17.69		
SR-248 (Kearns Blvd): US-40 to SR-224	WB	5.75	10.31	7.27	24.13		
SR-224 (Park Ave): I-80 to SR-248	SB	8.43	12.74	11.32	42.71		
SR-224 (Park Ave): SR-248 to I-80	NB	8.42	13.76	10.77	37.03		

Source: Kimley-Horn Summit County Regional Park & Ride Analysis & Strategies Report (2024)



TRANSPORTATION GOALS AND OBJECTIVES

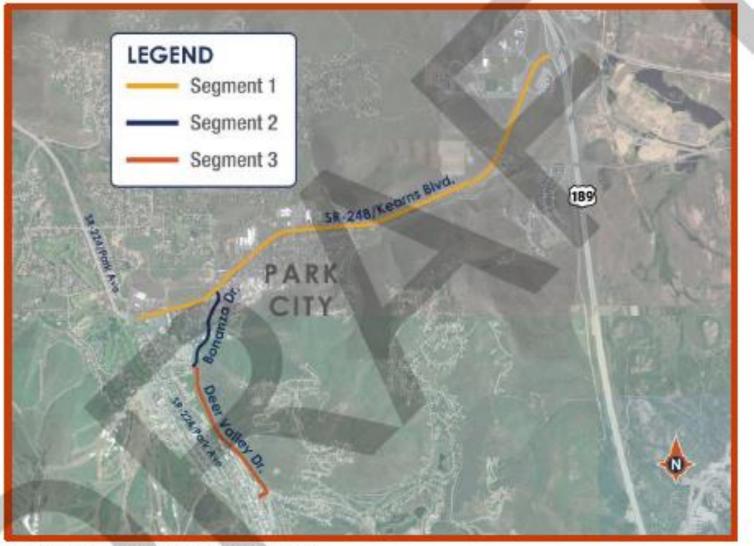


TRANSPORTATON EXISTING CONDITIONS

# Addressing Traffic and Congestion

- SR-224 Bus Rapid Transit will add a dedicated lane in each direction of SR-224 exclusively for use by transit vehicles, completed by late 2028.
- SR 248 Alternative Analysis ("Recreate 248") explores transit opportunities to connect travelers from east Summit County to Park City
  - Develop SR-248 as a transit-focused corridor
  - Initial alternatives expected in early 2025
- Park City Forward
  - Phase 1: increase bus transit via transit express shoulder lanes
  - Phase 2: Corridor Mobility Improvement Project
- Short-Range Transit Plan (SRTP)
  - New transit service on SR-248





**Kimley»Horn** 

Figure 1. Recreate SR-248 Study Area Map

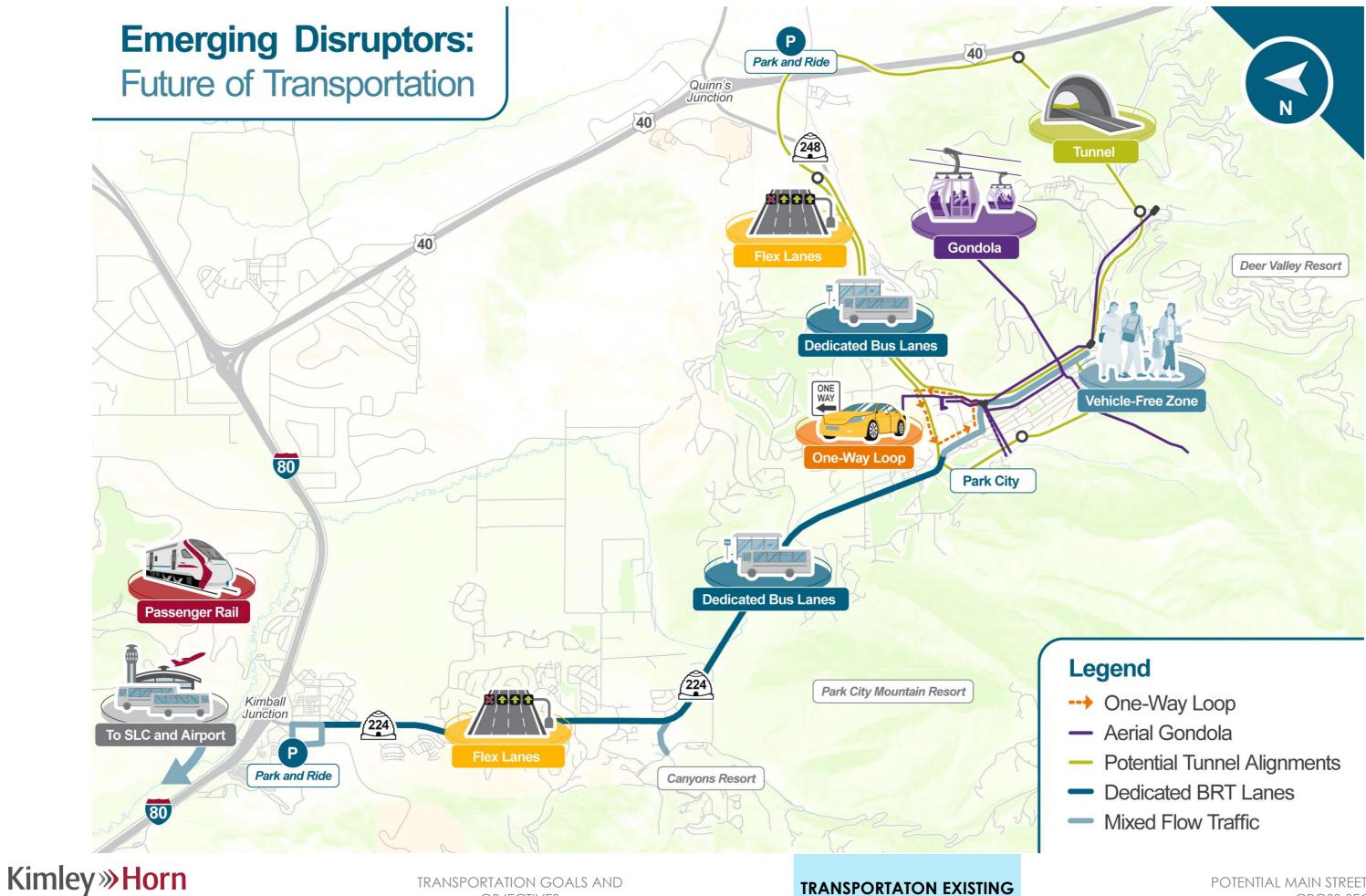
## Aerial Gondola, Old Town to Deer Valley



#### Kimley **»Horn**

TRANSPORTATION GOALS AND **OBJECTIVES** 

TRANSPORTATON EXISTING CONDITIONS



OBJECTIVES

CONDITIONS

Disruptor		Recommendation	Cost	Challenges
	Aerial Gondola	Not supported in isolation; would support if reduced travel time over vehicles, provides new entry points to town	\$\$\$	<ul> <li>Demand</li> <li>ROW acquisition</li> <li>Environmental consideration</li> </ul>
	SLC Airport Connection	Supported, if strategic partners are included and there is a plan for first/last mile connections	\$	<ul> <li>Strategic partner support</li> <li>First/last mile connections</li> <li>Logistics</li> </ul>
	Tunnels	Supported, pending feasibility studies	\$\$\$	<ul> <li>Cost</li> <li>Efficiency/effectiveness</li> <li>Feasibility</li> </ul>
	Dedicated Bus Lanes/Transit Way	Supported if repurpose existing lanes and no ROW acquisition or roadway expansion is required	\$\$	<ul><li>ROW acquisition</li><li>Roadway expansion</li></ul>
	Passenger Rail	Supported, as a regional pursuit with UTA and UDOT as service to perimeter of Park City (not internal)	\$\$\$	<ul> <li>Cost</li> <li>ROW acquisition</li> <li>Environmental consideration</li> <li>Regional support</li> </ul>
	Reversible Flex Lanes	Supported, if analysis shows increased capacity and/or reduced congestion; and if does not require roadway expansion or new ROW	\$\$	<ul> <li>Extensive community outre and education (residents, and business owners)</li> </ul>
ONE WAY	One-Way Loop	Defer to Park City Engineering to determine if would like to consider further	\$	<ul> <li>Significant public educatio campaign (residents and business owners)</li> <li>UDOT coordination</li> </ul>
	Car-Free Zones	Supported, as a permanent reconfiguration (not a temporary)	\$	<ul> <li>Do not tie to events</li> <li>Business owner education</li> <li>Public education</li> </ul>

	Next Steps
tions	<ul> <li>Park City-led review of potential locations and routes, logical termini and ridership demand evaluation</li> </ul>
S	<ul> <li>Park City-led effort to engage stakeholders - SLC International Airport, resorts, hotels, airline providers, Chamber of Commerce, Regional Convening working group to gauge interest</li> </ul>
	<ul> <li>Park City-led feasibility study: geotechnical, environmental, alignment; determine if The Boring Company would provide these studies</li> <li>Meet with other locations (Las Vegas)</li> </ul>
	Engage regional partners to conduct feasibility study
tions	<ul> <li>Engage regional partners in discussions to evaluate interest, conduct preliminary screening analysis (logical termini and ridership evaluation)</li> </ul>
reach , visitors,	<ul> <li>Engage regional partners (UDOT) to conduct feasibility study of potential corridor(s)</li> </ul>
on	<ul> <li>Defer to Park City Engineering to determine interest in loop concept</li> </ul>
'n	<ul> <li>Defer to Park City Planning to conduct feasibility and concept study of Main Street; determine infrastructure changes needed; Assess applicability to other locations</li> </ul>

**Potential Cross-Sections** 

# Main Street



TRANSPORTATION GOALS AND OBJECTIVES

# Use Case Considerations



**Transit Rider** 



**Bicyclist** 







Vehicle











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**TRANSPORTATION GOALS** AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS

# **Freight/Delivery**

# Taxi/Hotel Shuttle/Uber/Lyft

# **Emergency and City Services**

# **ADA/Short-Term/Drop-Off**

### Main Street Cross-Section Options

	Main Street Scenario	Benefits
Status Quo	No Changes to Main Street	<ul> <li>Minimizes disruption</li> </ul>
Option 1	Curbless Pedestrian Priority Street	<ul> <li>Provides more space for walking, street furniture, benches, terraces, landscape/ streetscape/ greenery, art, games</li> <li>Offers option to regularly open the street for pedestrians and kiosks, either short-term or long-term</li> <li>Offers option for flex zone vehicles (some ADA, deliveries,</li> <li>Some on-street parking, etc.</li> </ul>
	Curbless Permanent Pedestrian Plaza	<ul> <li>Same as curbless pedestrian priority, but with greater ability to optimize street for high-quality pedestrian experience</li> </ul>
Option 2	One-Way Street	<ul> <li>Allows vehicles</li> <li>Some on-street parking</li> <li>Some space for walking and socializing, street furniture, landscape, streetscape, greenery, etc.</li> </ul>
Option 3	One Way Street with Transit Lane	<ul><li>Some on-street parking</li><li>Transit service on Main Street</li></ul>

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#### Disadvantages

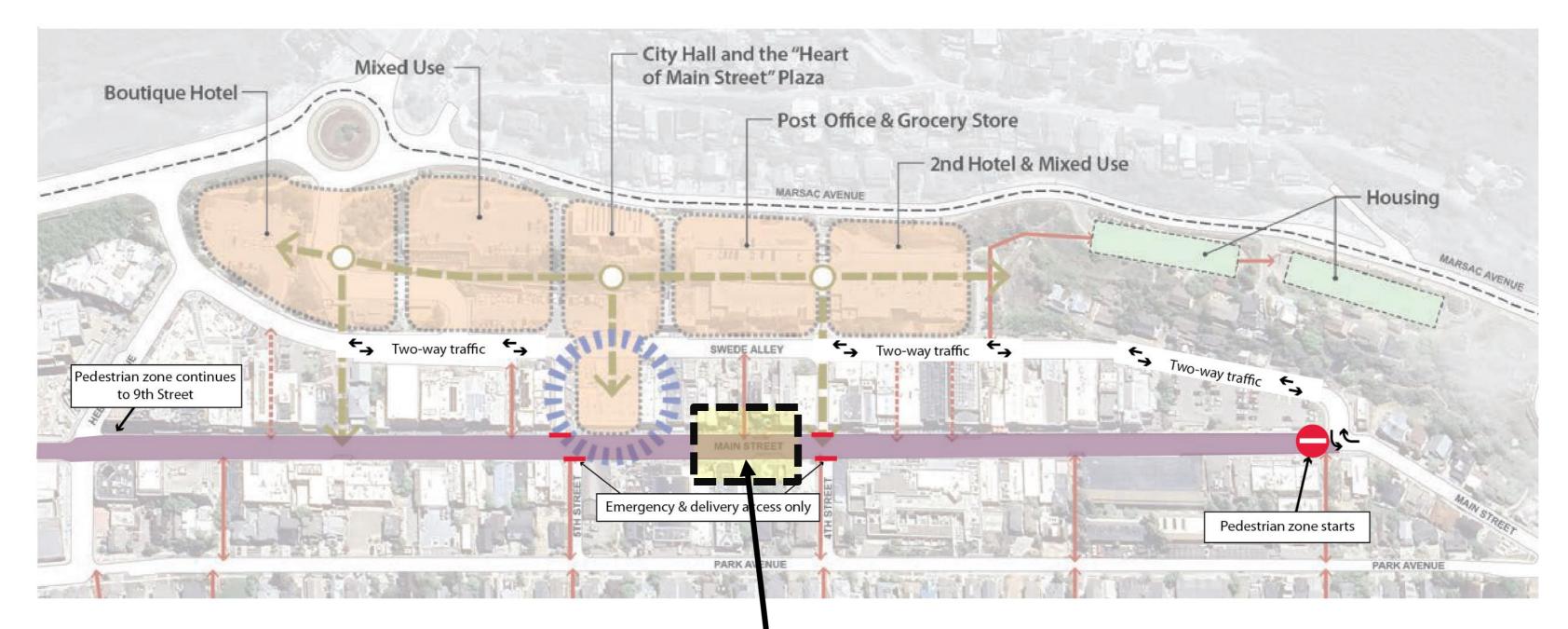
- Does not meet accessibility standards
- Little space for pedestrian traffic to grow •
- Pedestrians often feel cramped

Less on-street parking than existing

- No on-street parking •
- No flexibility to allow cars (except delivery vehicles) •
- Less on-street parking than existing

Less on-street parking than existing •

#### $\bigcirc$ Main Street: 5<sup>th</sup> Street to Swede Alley BIG IDEA OPTION #1: Curbless Pedestrian Priority Street



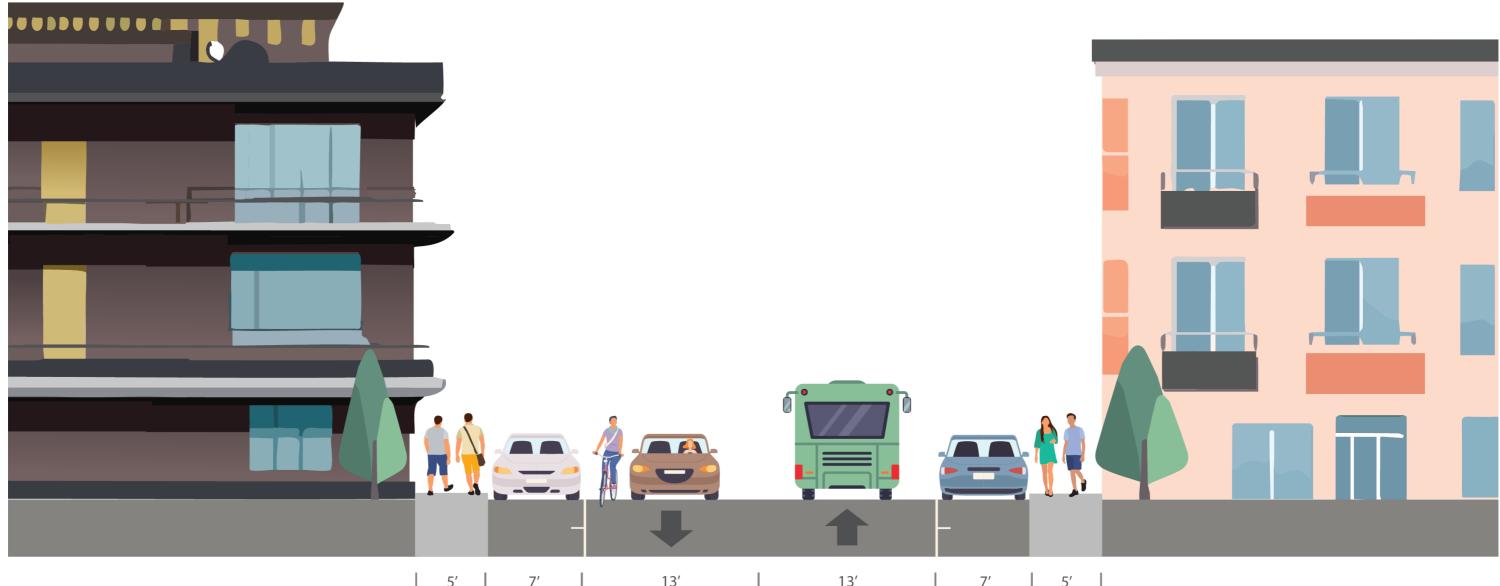
Section Cut: 5<sup>th</sup> Street to Swede Alley

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TRANSPORTATION GOALS AND **OBJECTIVES** 

**TRANSPORTATON EXISTING** CONDITIONS

### $\bigcirc$ Main Street: 5<sup>th</sup> Street to Swede Alley **EXISTING:** 50' Right of Way Cross Section



5′ 13′ 5′ 13′ parking lane sidewalk sidewalk parking lane drive lane drive lane

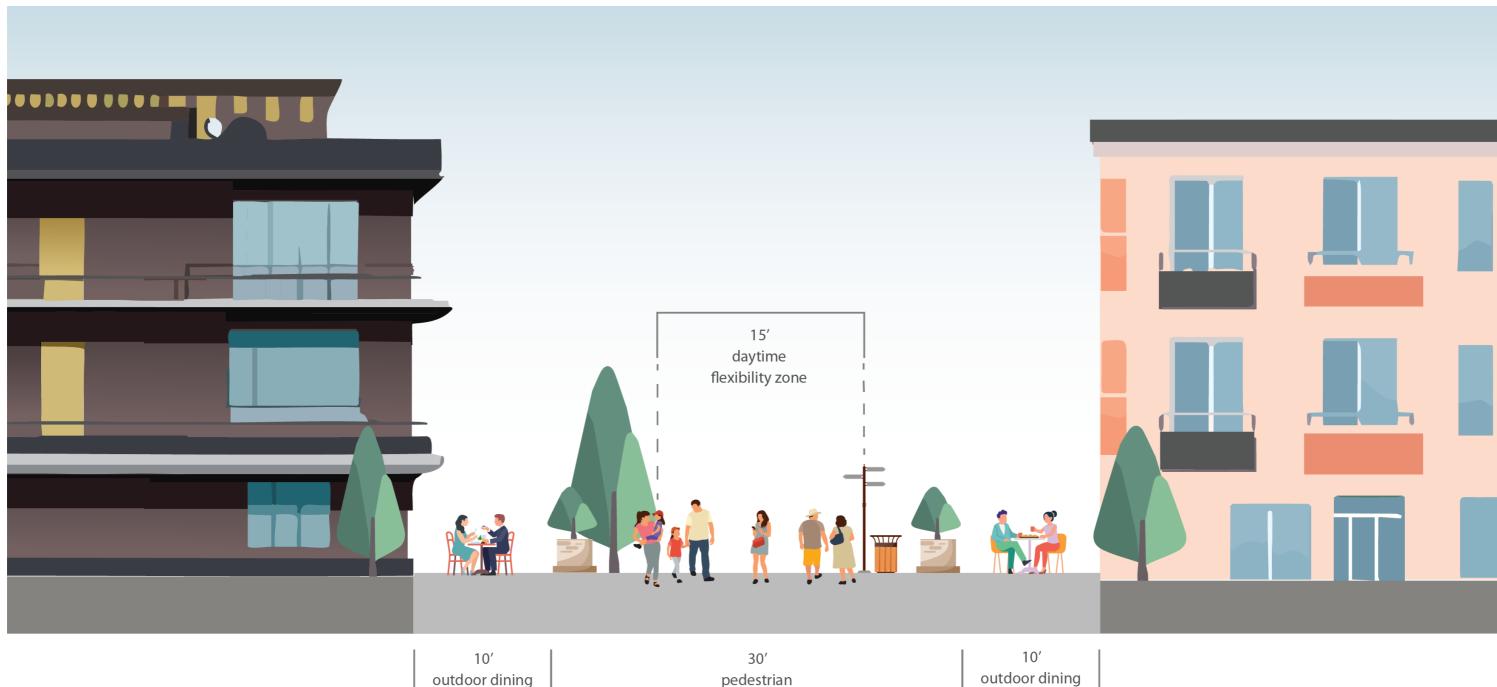
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TRANSPORTATION GOALS AND **OBJECTIVES** 

TRANSPORTATON EXISTING CONDITIONS

#### $\bigcirc$ Main Street: 5<sup>th</sup> Street to Swede Alley

**BIG IDEA OPTION #1:** Curbless Pedestrian Priority Street



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TRANSPORTATION GOALS AND **OBJECTIVES** 

TRANSPORTATON EXISTING CONDITIONS

#### $\bigcirc$ Main Street: 5<sup>th</sup> Street to Swede Alley

**BIG IDEA OPTION #1:** Curbless Pedestrian Priority Street – Delivery Zone Use



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TRANSPORTATION GOALS AND **OBJECTIVES** 

TRANSPORTATON EXISTING CONDITIONS

### Additional Use Cases: Curbless Pedestrian Priority Street



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TRANSPORTATION GOALS AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS



## **Curbless Pedestrian Priority Street**

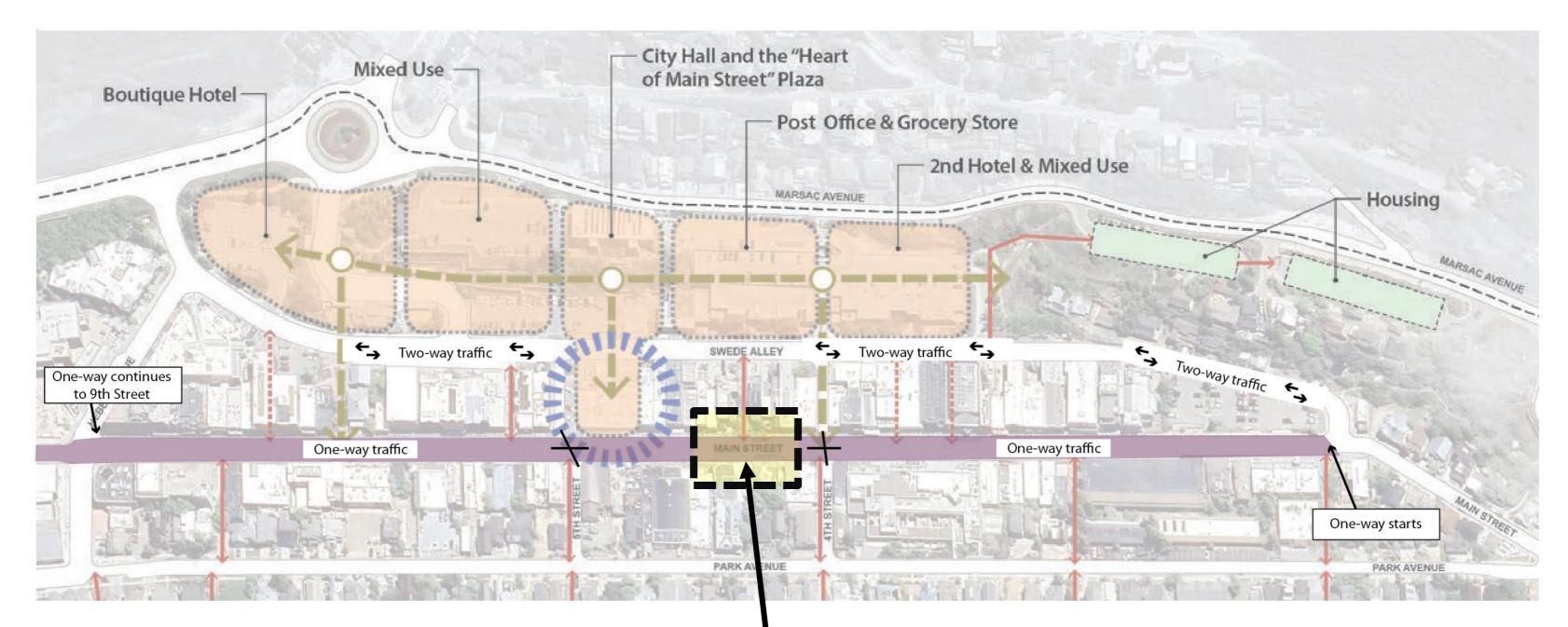


#### Kimley **»Horn**

TRANSPORTATION GOALS AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS

#### $\bigcirc$ Main Street: 5<sup>th</sup> Street to Swede Alley **OPTION #2**: One Way Option and **OPTION #3**: One Way with Transit Lane



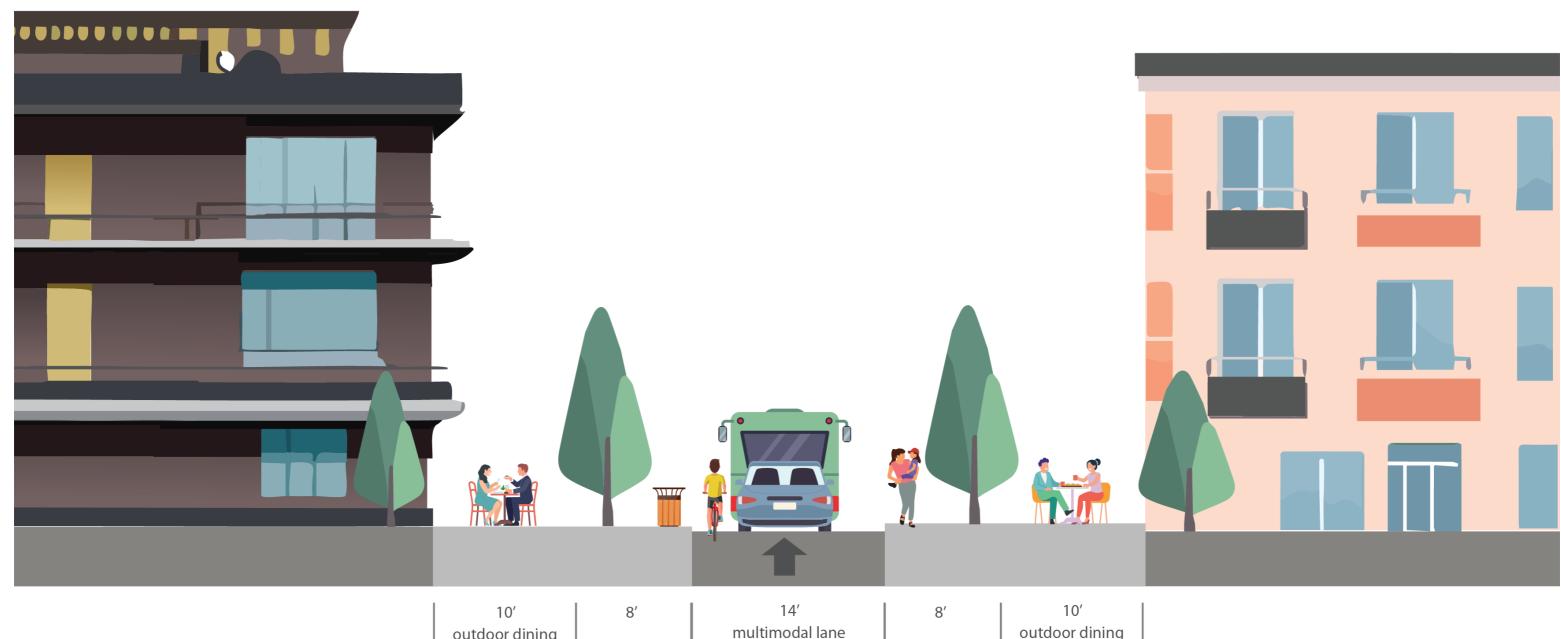
#### Section Cut: 5<sup>th</sup> Street to Swede Alley

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TRANSPORTATION GOALS AND **OBJECTIVES** 

**TRANSPORTATON EXISTING CONDITIONS** 

#### $\bigcirc$ Main Street: 5<sup>th</sup> Street to Swede Alley **OPTION #2**: 50' Right of Way, One Way Option



TRANSPORTATION GOALS AND **OBJECTIVES** 

outdoor dining

Kimley **»Horn** 

outdoor dining

#### $\bigcirc$ Main Street: 5<sup>th</sup> Street to Swede Alley **OPTION #3**: 50' Right of Way, One Way with Transit Lane





8′ sidewalk

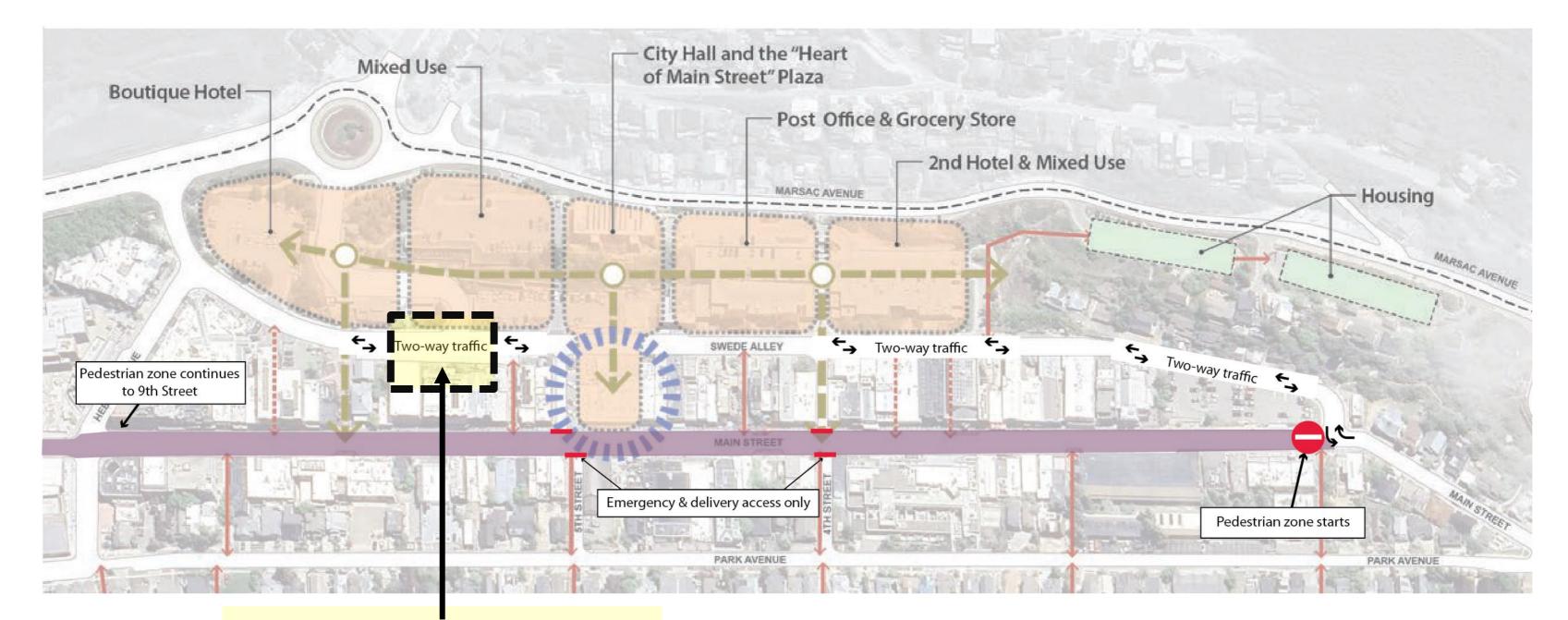
**Potential Cross-Sections** 

# ♥ Swede Alley



TRANSPORTATION GOALS AND OBJECTIVES

### **Swede Alley: Heber Ave to 5th Street**



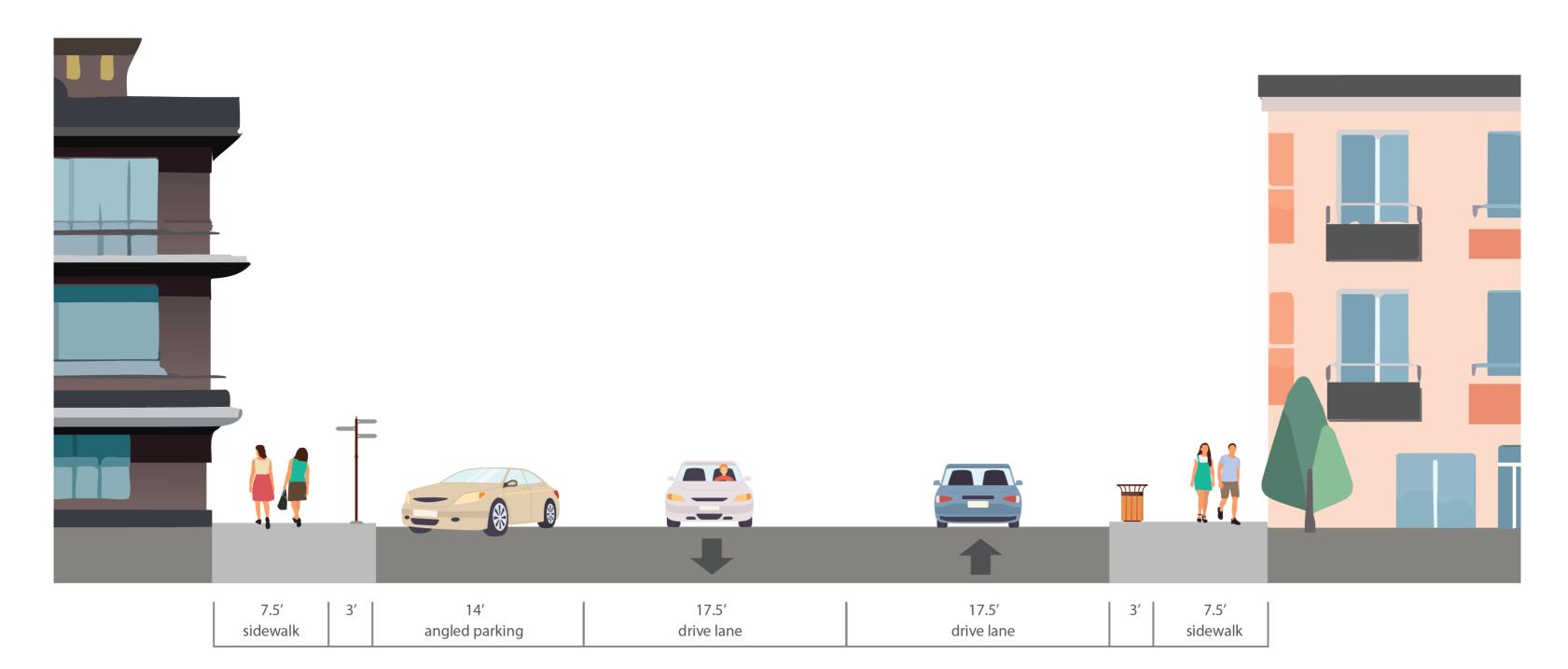
Section Cut: Heber Ave to 5<sup>th</sup> Street

Kimley **»Horn** 

TRANSPORTATION GOALS AND OBJECTIVES

TRANSPORTATON EXISTING CONDITIONS

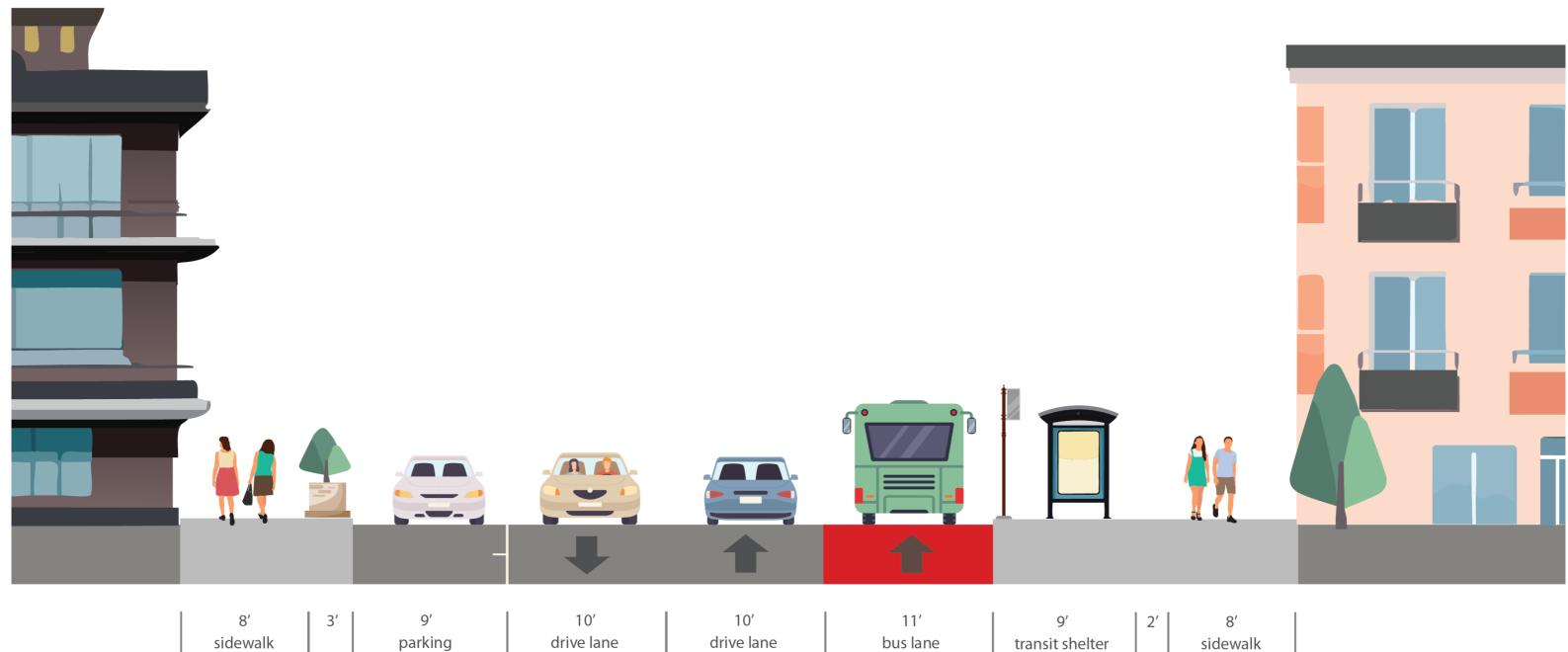
#### $\bigcirc$ Swede Alley: Heber Ave to 5<sup>th</sup> Street **EXISTING:** 70' Right of Way Cross Section



Kimley **»Horn** 

TRANSPORTATION GOALS AND OBJECTIVES

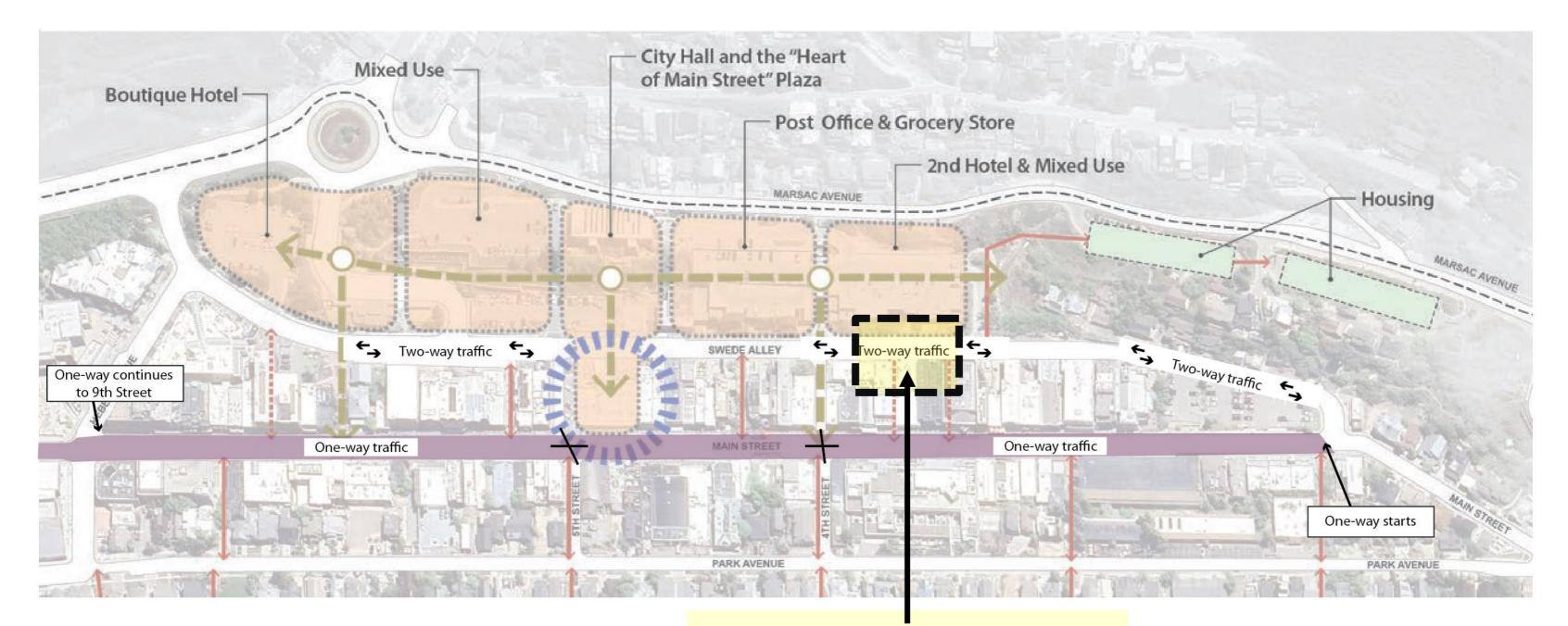
#### $\bigcirc$ Swede Alley: Heber Ave to 5<sup>th</sup> Street **BIG IDEA**: 70' Right of Way, Transit



Kimley **»Horn** 

TRANSPORTATION GOALS AND OBJECTIVES

## Swede Alley: 5<sup>th</sup> Street to Main Street



Section Cut: 5<sup>th</sup> Street to Main Street

#### Kimley **»Horn**

TRANSPORTATION GOALS AND OBJECTIVES

#### TRANSPORTATON EXISTING CONDITIONS

#### $\bigcirc$ Swede Alley: 5<sup>th</sup> Street to Main Street **EXISTING:** 40' Right of Way Cross Section



16′ 8′ 16′ sidewalk drive lane drive lane

Kimley **»Horn** 

TRANSPORTATION GOALS AND OBJECTIVES

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### $\bigcirc$ Swede Alley: 5<sup>th</sup> Street to Main Street **BIG IDEA**: 40' Right of Way, Wide Sidewalks



Kimley **»Horn** 

TRANSPORTATION GOALS AND OBJECTIVES

sidewalk