



CARSON CITY FREEWAY

April 9, 2014

Nevada Transportation Conference

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Senior Project Manager

Presentation Overview

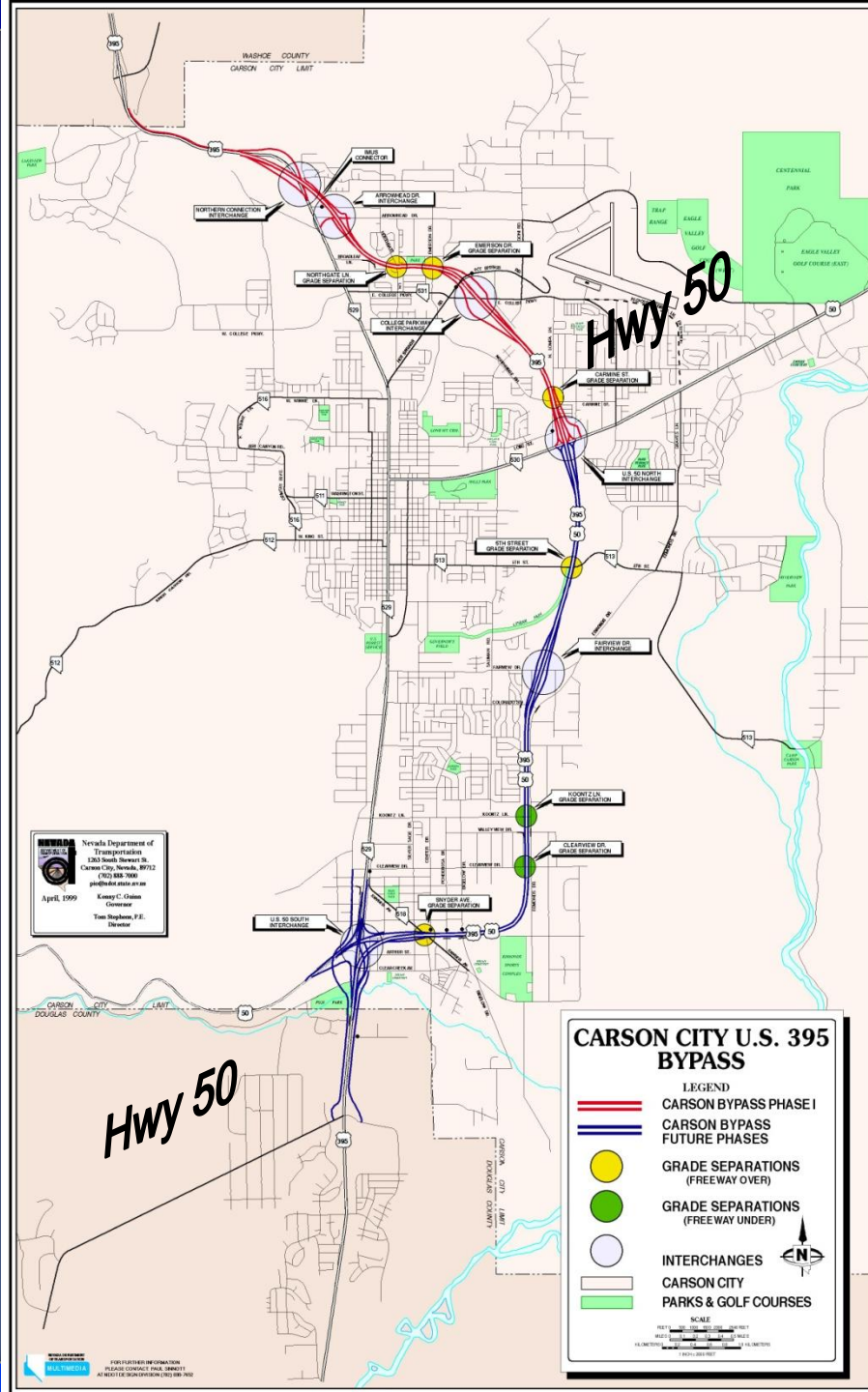


- Carson Freeway Overview
- Construction Phases
- Schedule
- Budget
- Questions



Phase I - Red

Phase II - Blue



Planning Began in the 70's





CARSON CITY FREEWAY PROJECT OVERVIEW

— Phases completed or under construction
— Future Phases

I-580 to Reno



US 50 to
Lake Tahoe

Phase 2B-4

S. Carson St. Interchange
Construction Costs: \$ 26,000,000
Completion: TBD

Phase 2B-2

Snyder Ave. to S. Carson St.
Construction Costs: \$ 10,000,000
Completion: 2014

Phase 2B-1

Koontz Dr. & Clearview Dr.
Construction Costs: \$ 10,000,000
Completion: 2011

Phase 2B-3

Fairview Dr. to US 50/S. Carson St.
Construction Costs: \$ 42,000,000
Completion: TBD

Phase 2A

US 50 to Fairview Dr.
Construction Costs: \$45,000,000
Completion: 2009

Phase 1A

N. Carson St. to US 50
Construction Costs: \$ 17,000,000
Completion: 2002

Carson Street

Carson Street

US 50 to Dayton

Phase 1B

E. Lake Blvd. To US 50
Construction Costs: \$ 69,000,000
Completion: 2006

Construction Phase 1



- Phase 1A: Advanced Bridge Contract
 - Completion: 2002
- Phase 1B: East Lake Blvd. to US50
 - Completion: 2006

Construction Phase 1



- Phase 1A: Advanced Bridge Contract
 - Completion: 2002
- Phase 1B: East Lake Blvd. to US50
 - Completion: 2006

Phase 1A: Advanced Bridge Contract



Construction Phase 1



- Phase 1A: Advanced Bridge Contract
 - Completion: 2002
- Phase 1B: East Lake Blvd. to US50
 - Completion: 2006

Phase 1B: Remainder of Phase 1





CARSON CITY FREEWAY PROJECT OVERVIEW

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US 50 to
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Phase 2B-4

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Phase 2A

US 50 to Fairview Dr.
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Completion: 2009

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Carson Street

Carson Street

US 50 to Dayton

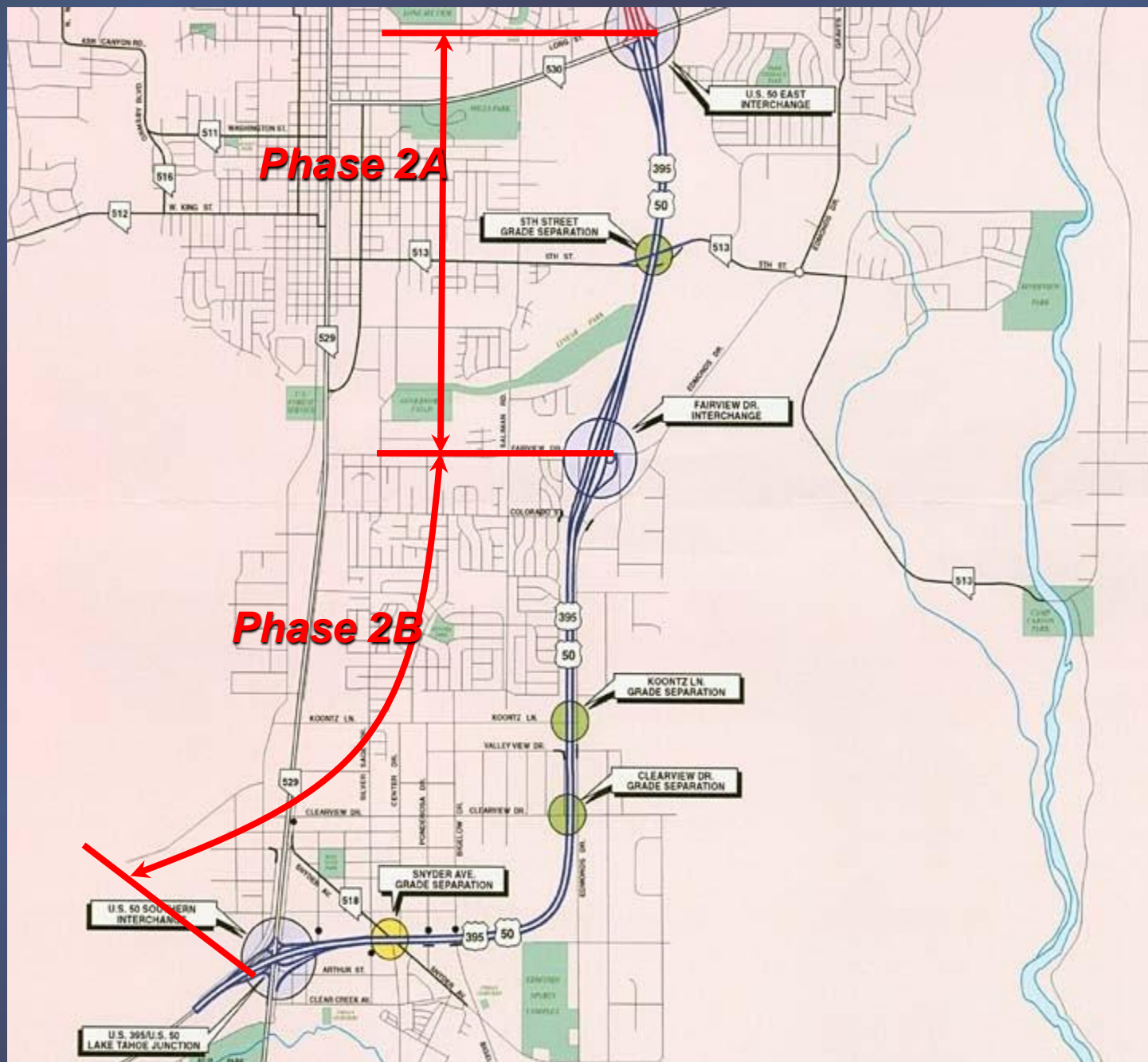
Phase 1B

E. Lake Blvd. To US 50
Construction Costs: \$ 69,000,000
Completion: 2006

Construction Phase 2



- Phase 2A: US50 to Fairview Dr.
 - Completion: 2009
- Phase 2B: Fairview Dr. to S. Carson St.
 - Broken down into 4 phases



Construction Phase 2



- Phase 2A: US50 to Fairview Dr.
 - Completion: 2009
- Phase 2B: Fairview Dr. to S. Carson St.
 - Broken down into 4 phases

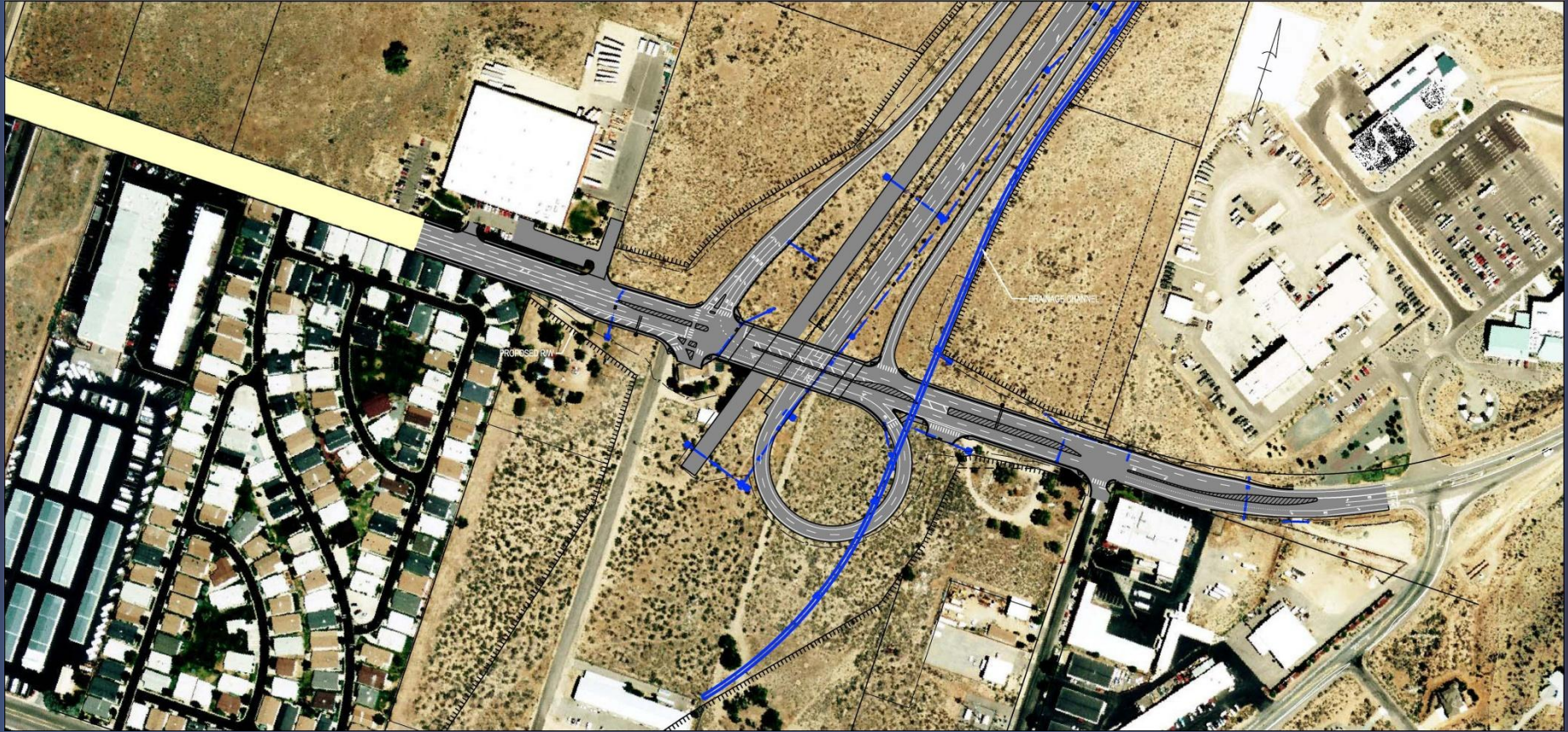
Phase 2A Elements



- 2 Miles – 4 Lanes access controlled Freeway
- Fairview Drive Interchange (Partial)
- Fifth Street Bridge
- Kings Canyon Channel Bridge
- Multi Use Path
- Drainage Facilities
 - Concrete Lined Channels and Box Culverts
 - Water Quality Basin
- Landscaping and Aesthetic Treatments
- Utility Relocation of:
 - Carson City Sanitary Sewer, Water and Reclaimed Water
 - Southwest Gas, Sierra Pacific Power, Charter Cable and AT&T

Construction Cost \$45 Million

Fairview Drive Partial Interchange



Construction Phase 2



- Phase 2A: US50 to Fairview Dr.
 - Completion: 2009
- Phase 2B: Fairview Dr. to S. Carson St.
 - Broken down into 4 phases

Phase 2B



Phase 2B Elements



- 4 Lanes access controlled Freeway – Fairview Dr. to S. Carson St.
- South Carson Street Interchange
- Completion of Fairview Drive Interchange
- Snyder Avenue Bridge
- Clearview Drive Bridge
- Koontz Avenue Bridge
- Sound walls – 5 miles
- Earthwork – 1.4 million cubic yards of excavation
- Drainage Facilities
 - Concrete Lined Channels, Box Culverts and Offsite Conveyance System
 - Detention Basins
- Landscaping and Aesthetic Treatments
- Utility Relocation of:
 - Carson City Sanitary Sewer, Water and Reclaimed Water
 - Southwest Gas, NV Energy, Charter Cable, Frontier, and AT&T

Approximate cost: \$100-\$110 Million

Phasing Plan



- Phase 2B to be constructed in 4 phases
- Phasing Considerations
 - Local Access and Connectivity
 - Constructability
 - Funding Availability
 - Design Constraints
 - Utility Relocations
 - Structures
 - Drainage
 - Earthwork
 - Sound Walls

Construction Phases 2B



- Phase 2B-1: Bridges/Drainage
 - Completion 2011
- Phase 2B-2: Snyder Ave. to S. Carson St.
 - Completion Early Summer 2014
- Phase 2B-3: Fairview Dr. to S. Carson St.
 - Begin Construction Early 2015
- Phase 2B-4: Interchange at S. Carson St.
 - Pending Funding TBD

Construction Phases 2B



- Phase 2B-1: Bridges/Drainage
 - Completion 2011
- Phase 2B-2: Snyder Ave. to S. Carson St.
 - Completion Early Summer 2014
- Phase 2B-3: Fairview Dr. to S. Carson St.
 - Begin Construction Early 2015
- Phase 2B-4: Interchange at S. Carson St.
 - Pending Funding TBD

Phase 2B-1



- × **Scope:** Construct Koontz & Clearview Structures, Edmonds Channel, and Utility Relocations
- × **Costs:** \$9 Million
- × Awarded to Q&D in Early 2010
- × Completed Construction in October 2011



Construction Phases 2B



- Phase 2B-1: Bridges/Drainage
 - Completion 2011
- Phase 2B-2: Snyder Ave. to S. Carson St.
 - Completion Early Summer 2014
- Phase 2B-3: Fairview Dr. to S. Carson St.
 - Begin Construction Early 2015
- Phase 2B-4: Interchange at S. Carson St.
 - Pending Funding TBD

Phase 2B-2

- × **Scope:** Construct Snyder Avenue Structure, Grading, Drainage, and Utility Relocations
- × **Costs:** \$10 Million
- × Awarded to Granite in Early 2013
- × Anticipated Completion in Early Summer 2014



Construction Phases 2B

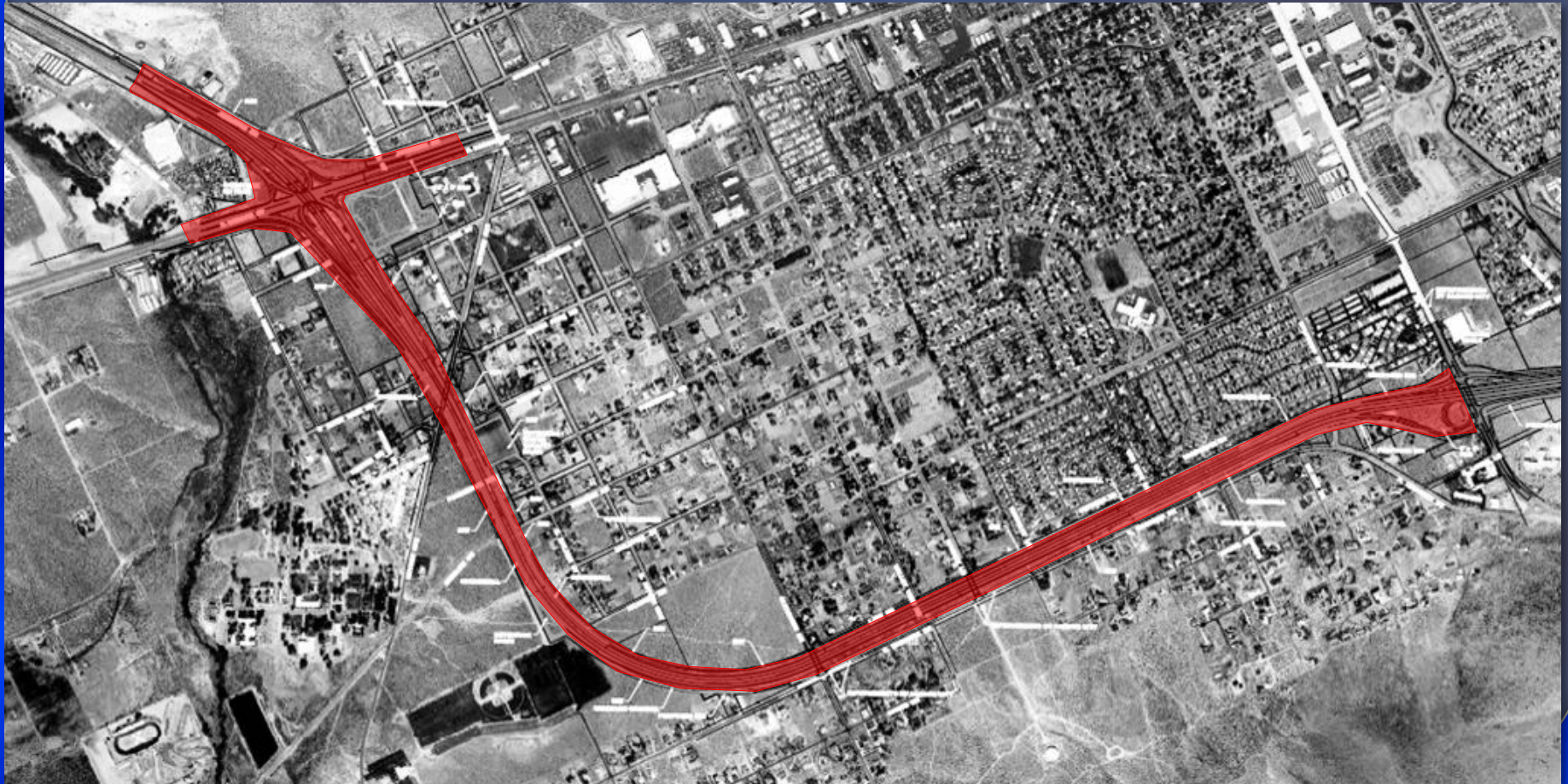


- Phase 2B-1: Bridges/Drainage
 - Completion 2011
- Phase 2B-2: Snyder Ave. to S. Carson St.
 - Completion Early Summer 2014
- Phase 2B-3: Fairview Dr. to S. Carson St.
 - Begin Construction Early 2015
- Phase 2B-4: Interchange at S. Carson St.
 - Pending Funding TBD

Phase 2B-3



- × Scope: Remainder of Fairview Structure, Interim Connection to the US 50/S. Carson Street Signal, Earthwork, Sound Walls, L&A, Paving Mainline, Signs, and Lighting.
- × Costs: \$40 - \$43 Million
- × Project Advertisement: 2014 - 2015



Construction Phases 2B

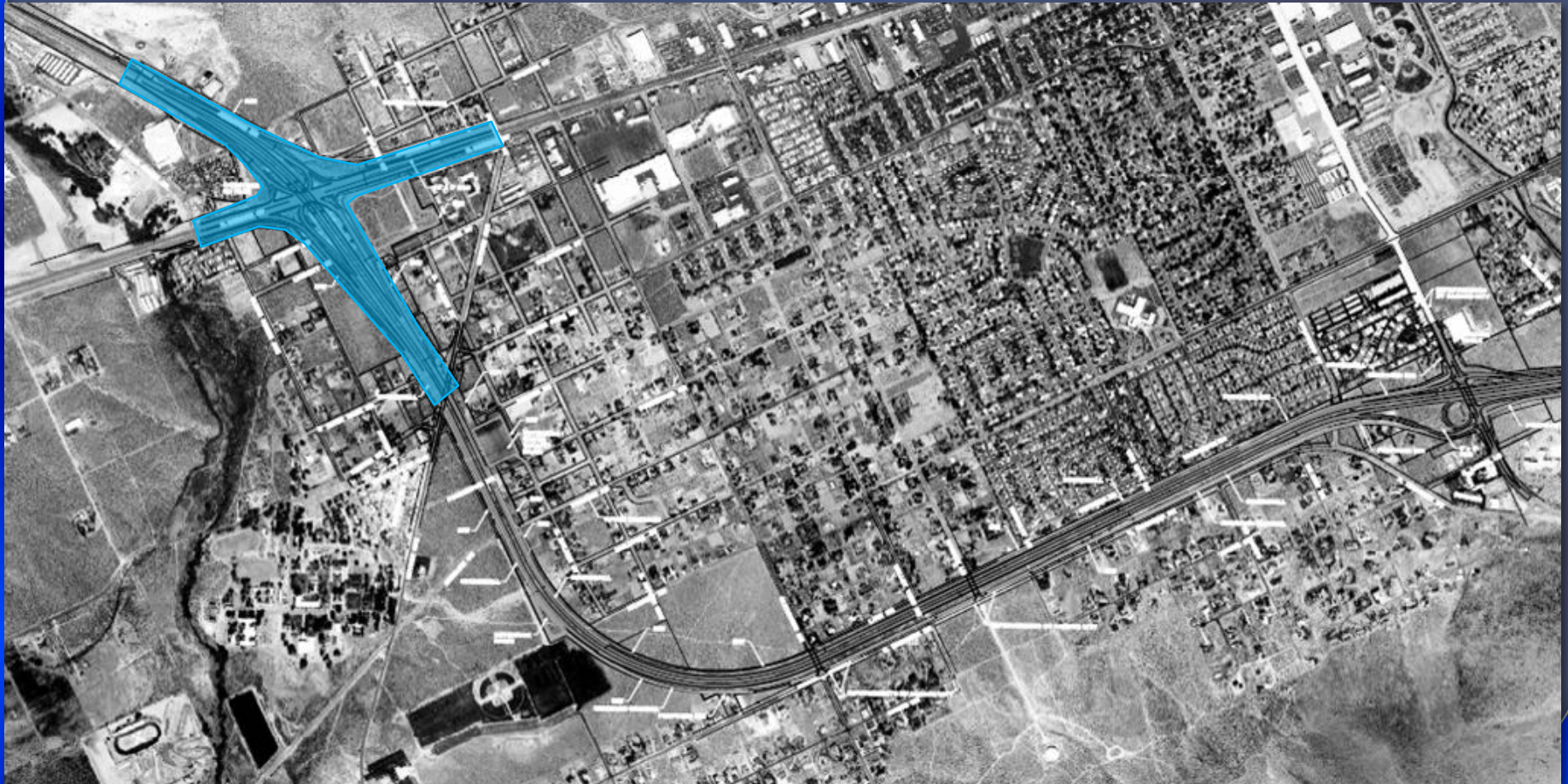


- Phase 2B-1: Bridges/Drainage
 - Completion 2011
- Phase 2B-2: Snyder Ave. to S. Carson St.
 - Completion Early Summer 2014
- Phase 2B-3: Fairview Dr. to S. Carson St.
 - Begin Construction Early 2015
- Phase 2B-4: Interchange at S. Carson St.
 - Pending Funding TBD

Phase 2B-4



- × **Scope: S. Carson Street Interchange and Final Freeway Configuration**
- × **Costs: \$27 - \$30 Million**
- × **Project Advertisement: 2020 or later**





Carson Freeway

S. Carson St.

**Voltaire
Detention
Basin**

Arthur St.

Clear Creek Ave.

To Minden

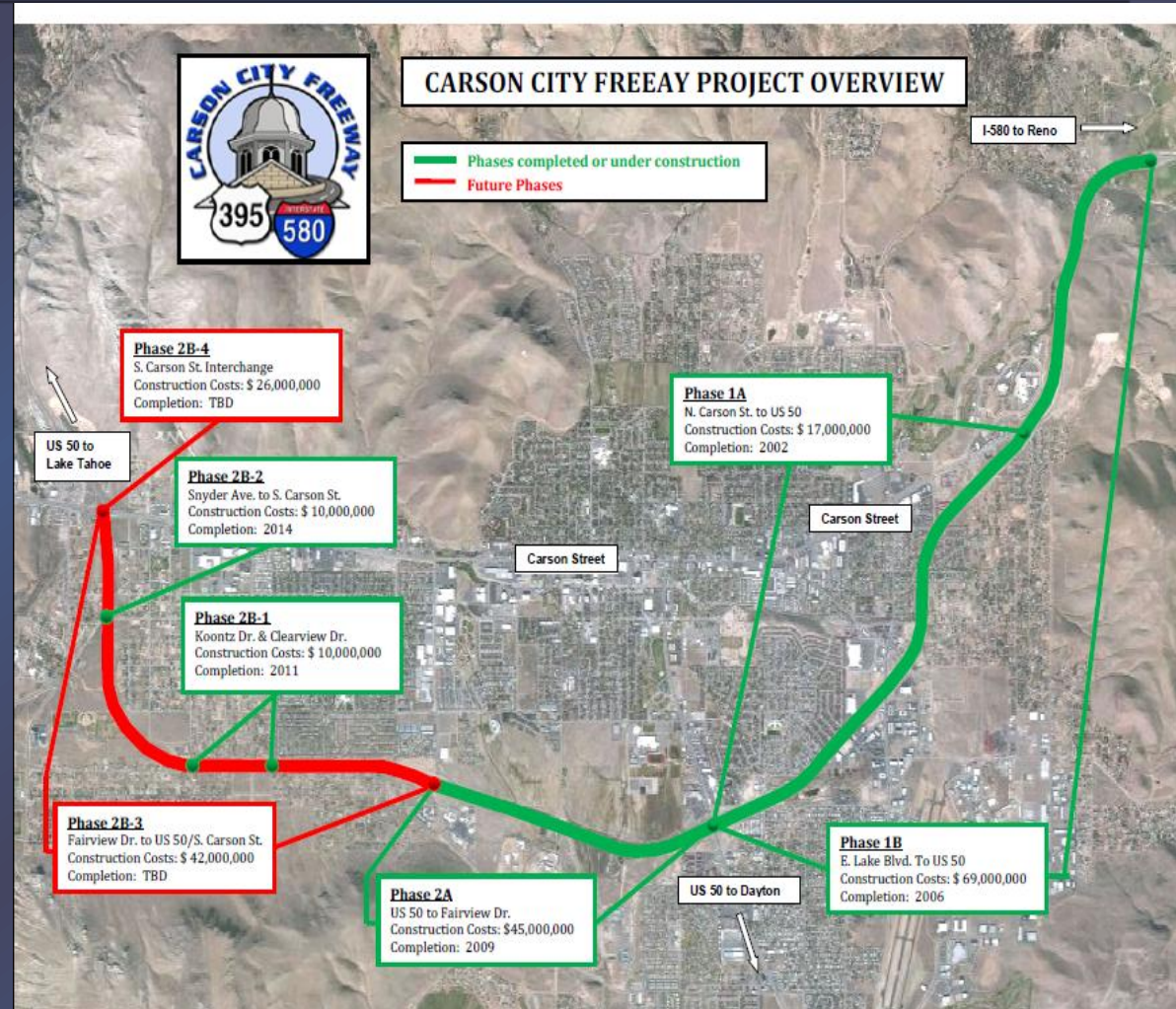
Old Clear Creek Rd.

Budget



- Phase 1A: \$17
- Phase 1B: \$69
- Phase 2A: \$44
- Phase 2B-1: \$10
- Phase 2B-2: \$10
- Phase 2B-3: \$42
- Phase 2B-4: \$30

Total: \$222



Schedule



- Phase 2B-1: Completed October, 2011
- Phase 2B-2: Anticipated Completion Early Summer 2014
- Phase 2B-3: Anticipated Start of Construction Spring 2015
- Phase 2B-4: To Be Determined; Pending Funding Availability

2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
	<i>Phase 2B-2</i>									
			<i>Phase 2B-3</i>							
								<i>Phase 2B-4*</i>		

***Date subject to available funding**



QUESTIONS

CARSON CITY FREEWAY
WWW.CCFREEWAY.COM

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