

# NM 599 Phase B Interchange Corridor Study

Transportation Policy Board Meeting  
December 10, 2009



# Study Process

- Phase A Initial Evaluation of Alternatives
  - Evaluate Existing Conditions and Constraints
  - Determine Need for Project
  - Public Involvement
  - Identify Feasible Alternatives
  - Alternatives from original study, design team, public
- Phase B Detailed Evaluation of Alternatives
  - Additional Evaluation of Feasible Alternatives
  - Priority Plan for Public Funding





# Statement of Purpose & Need

- NM 599 must continue to function as a relief route for the City of Santa Fe and as an alternative route for hazardous waste transport from Los Alamos around the populated areas of Santa Fe. Improved access to or across NM 599 is needed for all modes of travel as the area continues to develop. There is public perception that improvements are needed to address safety concerns, particularly at existing at-grade intersections.
- The purpose of the project is to develop a prioritization plan that addresses the access issues and supports economic development, regional transportation and long range planning goals.



## Next Steps

- TPB Meeting 12-10-09
- Draft Priority Plan for Public Funding
- Public Information Meeting on Preferred Alternatives and Priority Plan by February 2010
- Final Phase B and Priority Plan

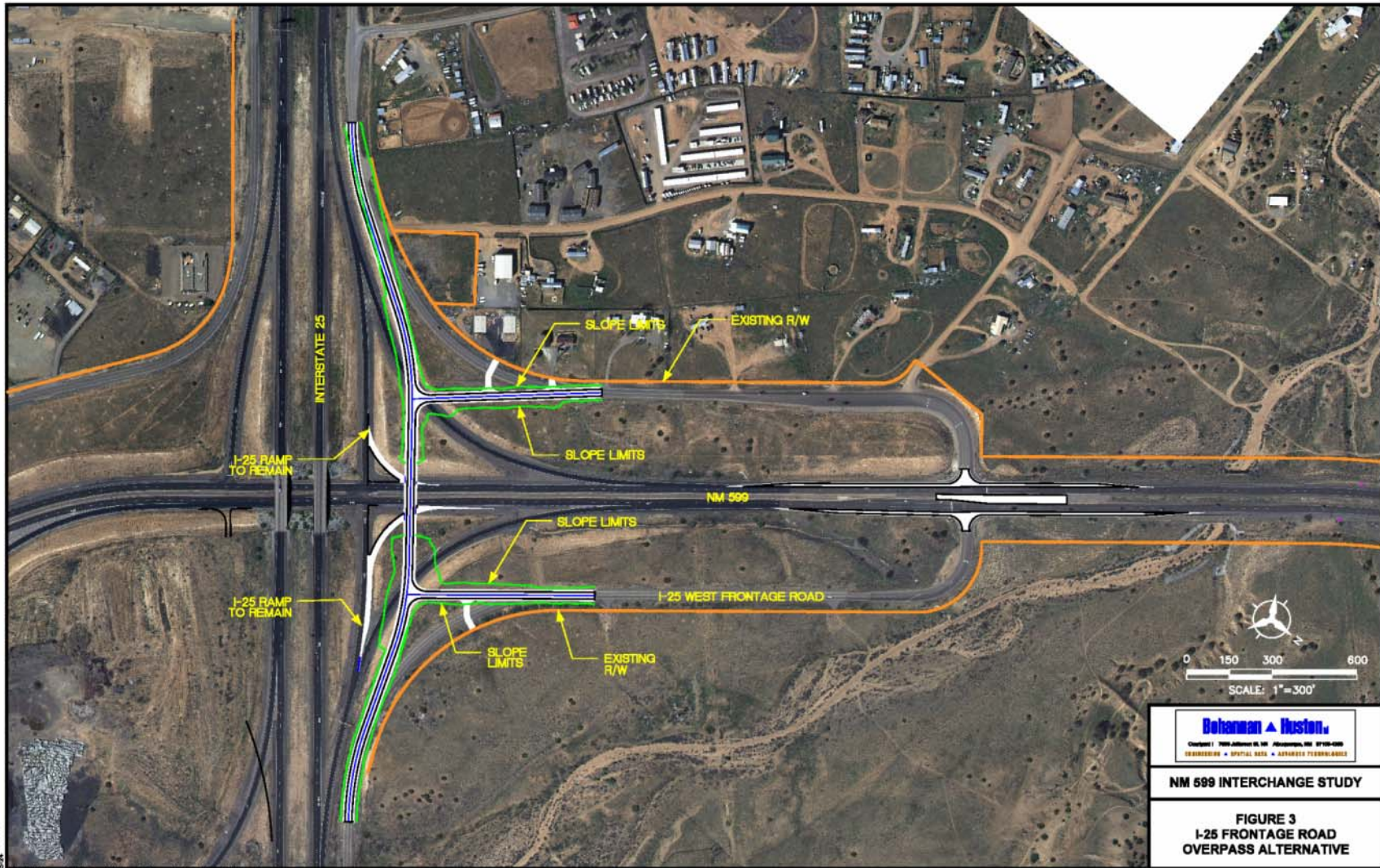


# Traffic Projections

Table 1 – Scenario 1 and 4 Impacts

Location	Scenario 1 Impact	Scenario 4 Impact
NM 599	7 to 43% increase	4 to 40% decrease
Northbound I-25 north of NM 599	7 to 15% decrease	13 to 15% increase
St. Francis Drive	5 to 7% decrease	5 to 10% increase
Cerrillos Road north of I-25	2 to 5% decrease	No significant change

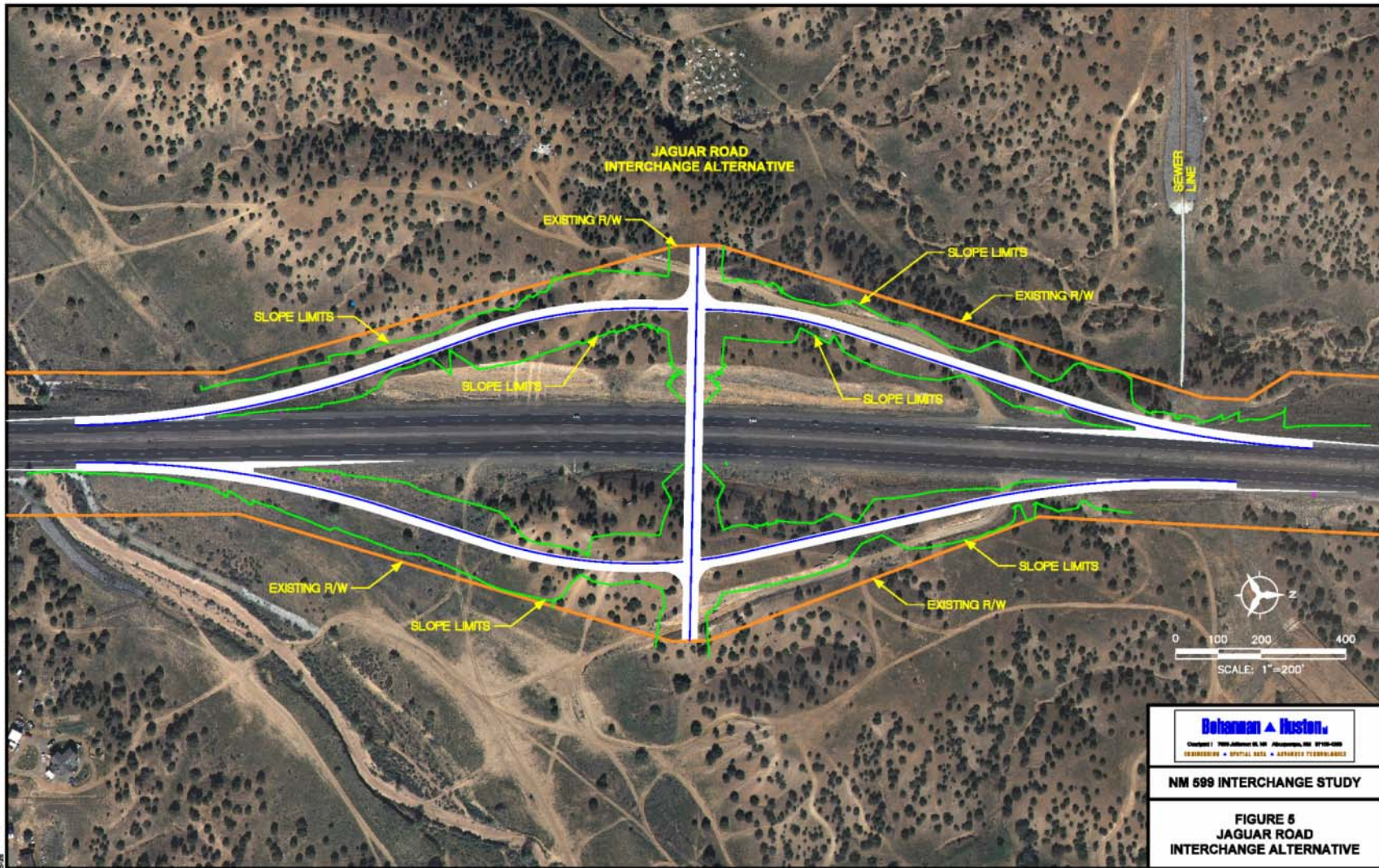




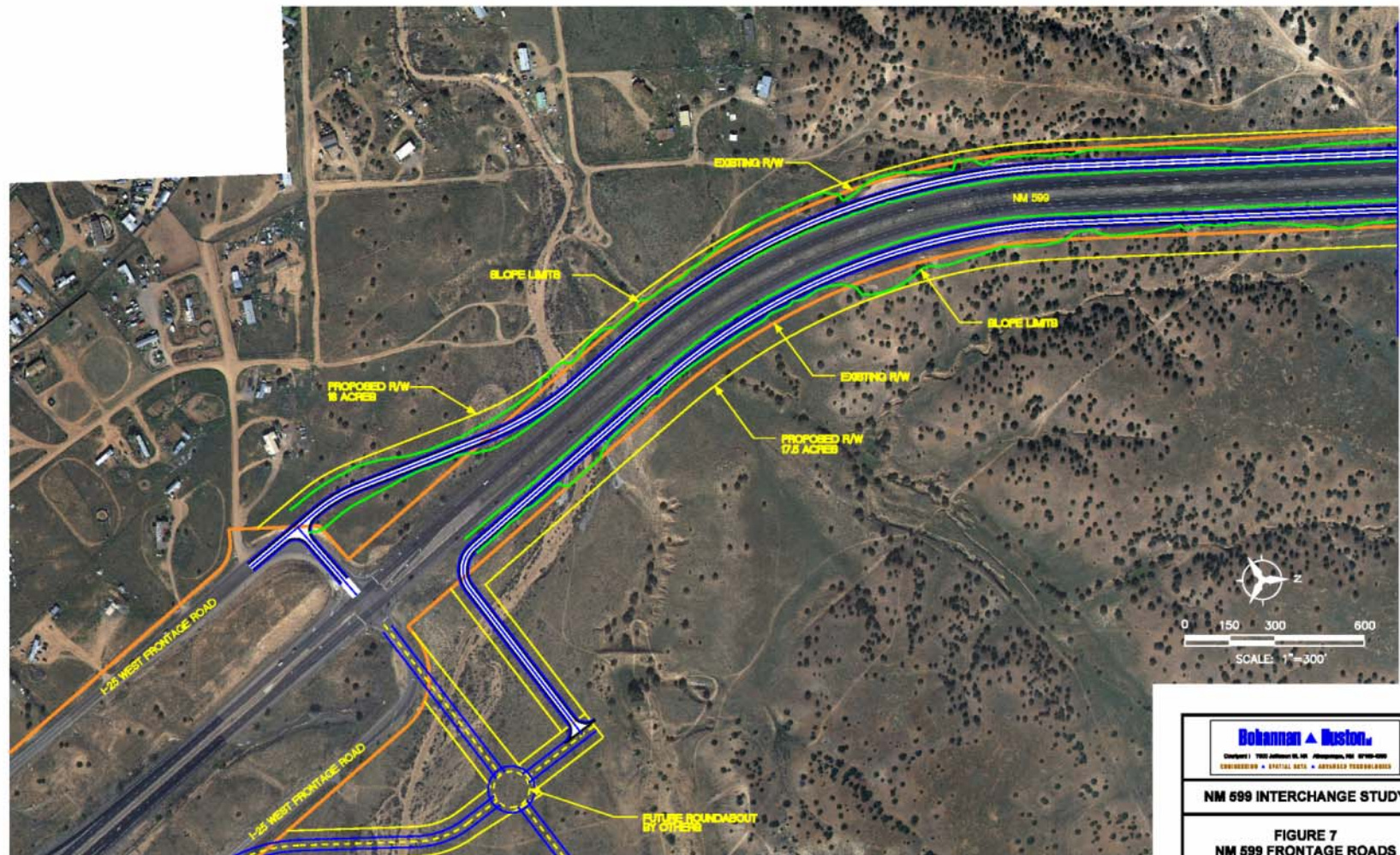
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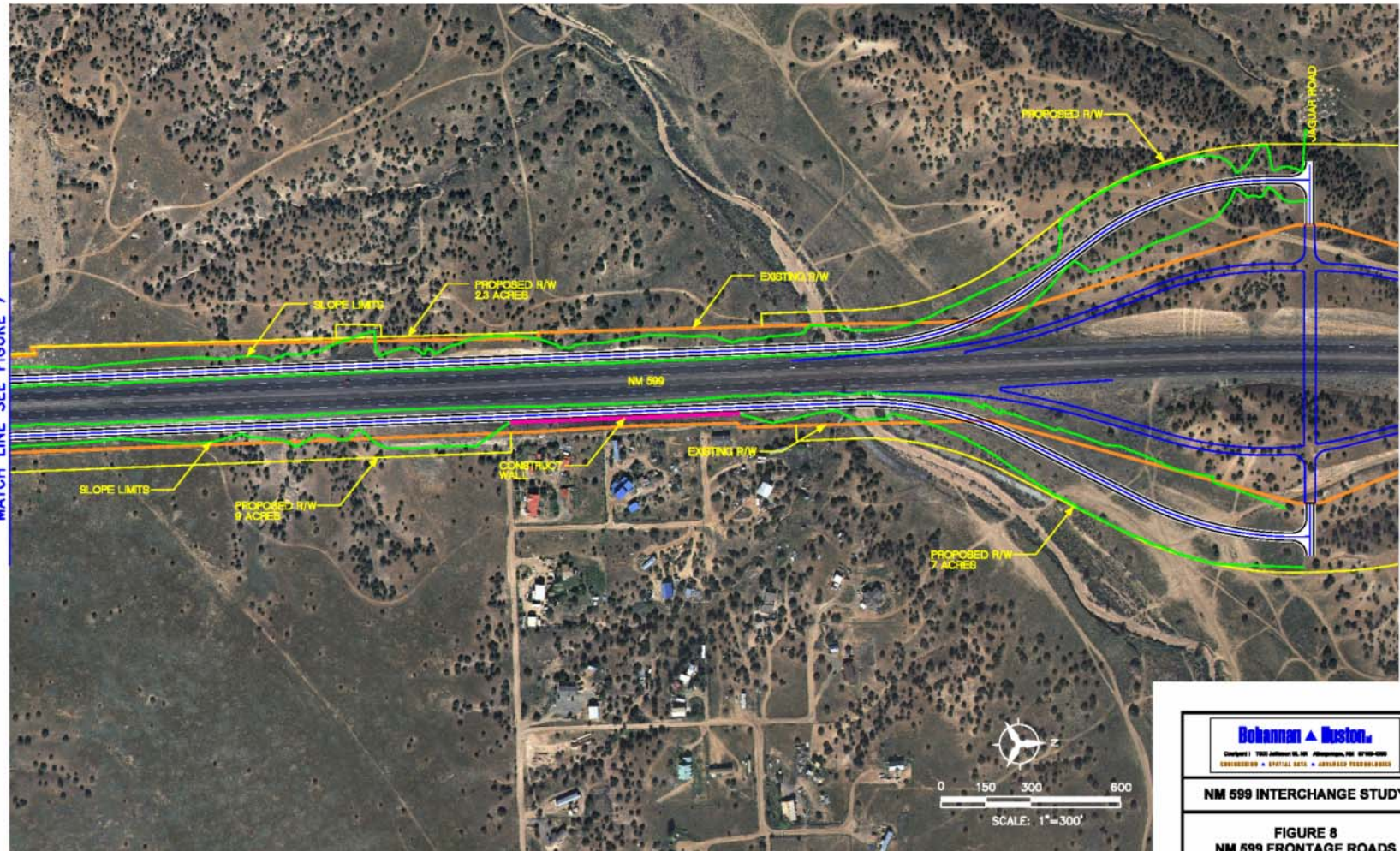
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**NM 599 INTERCHANGE STUDY**

**FIGURE 7  
 NM 599 FRONTAGE ROADS  
 I-25 TO JAGUAR ROAD**



MATCH LINE SEE FIGURE 7



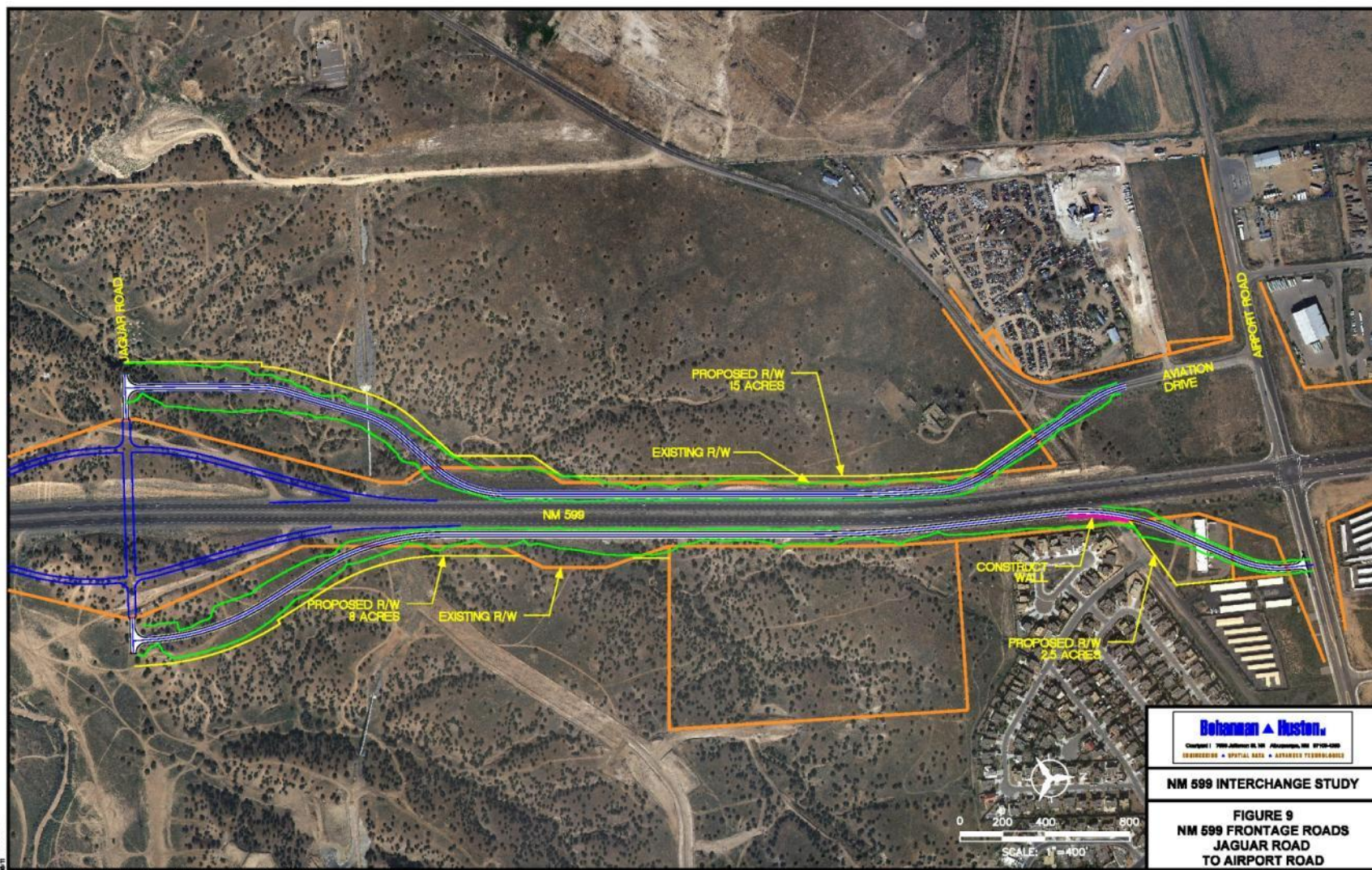
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**NM 599 INTERCHANGE STUDY**

**FIGURE 8  
NM 599 FRONTAGE ROADS  
I-25 TO JAGUAR ROAD**



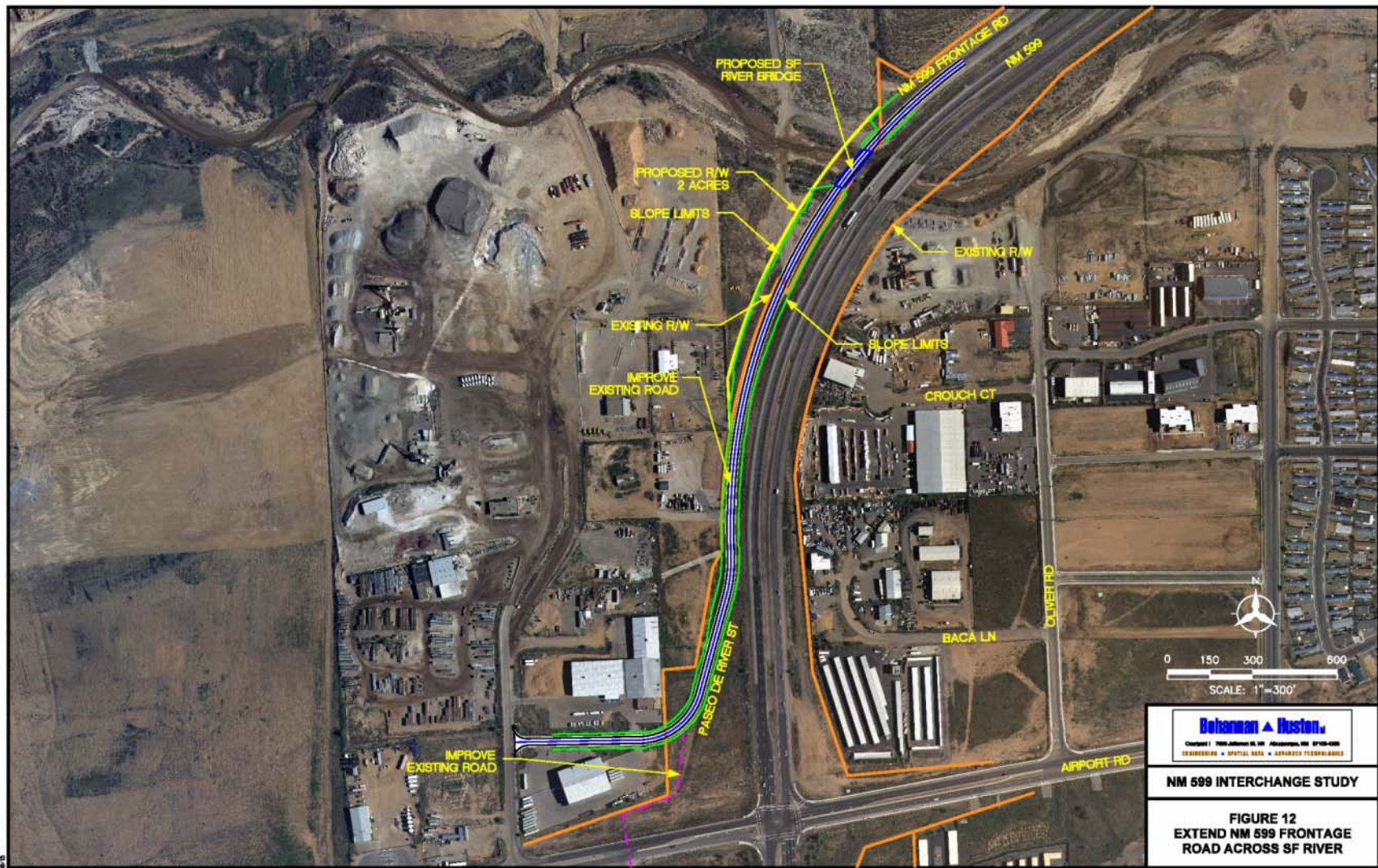




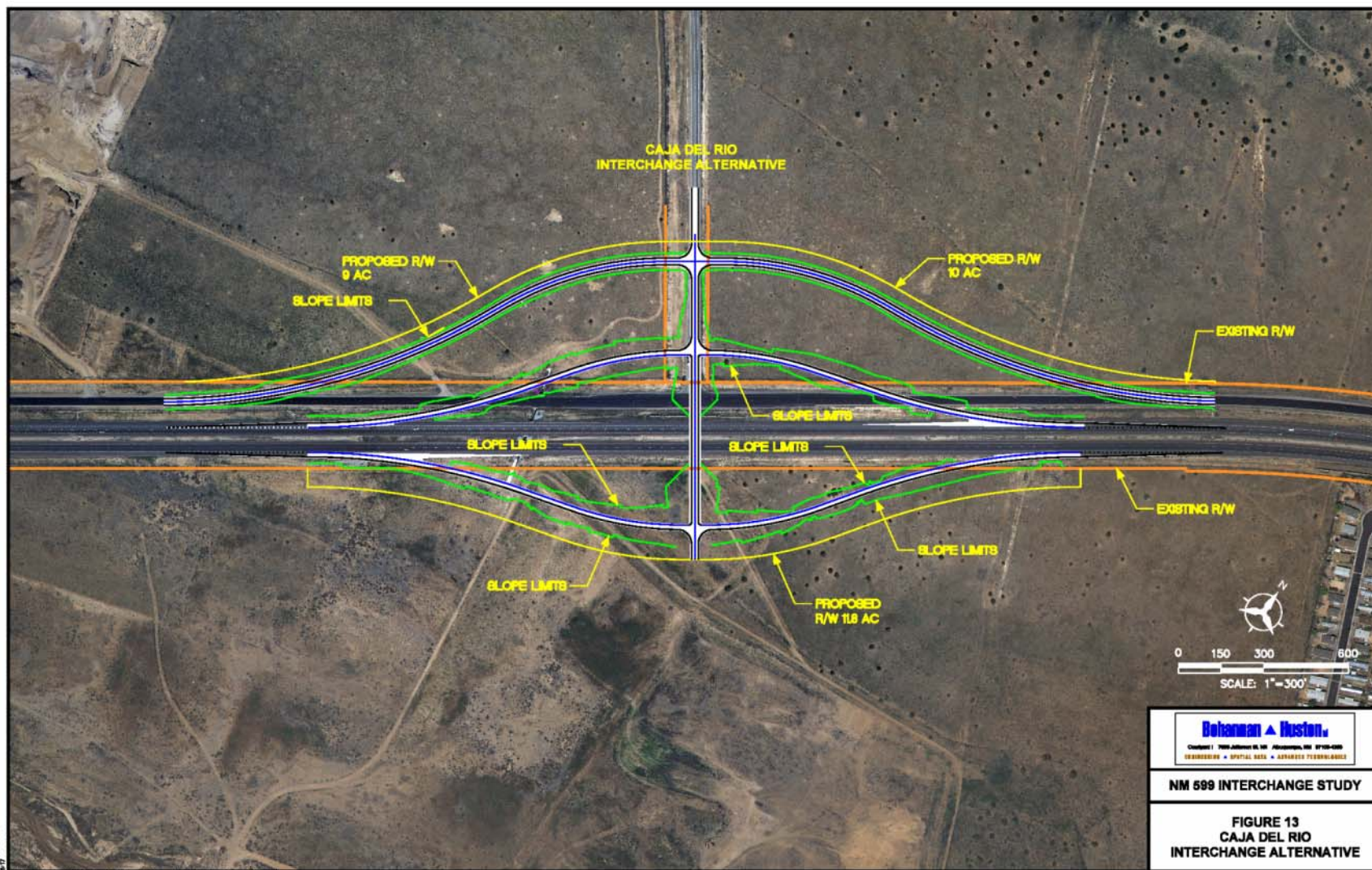


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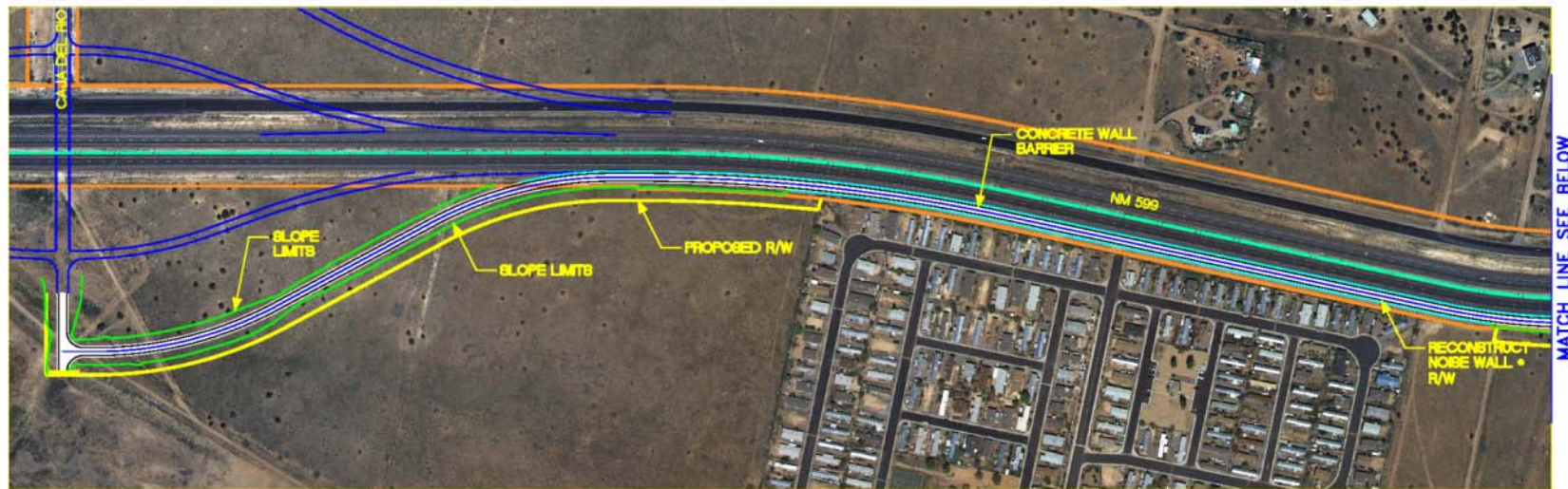












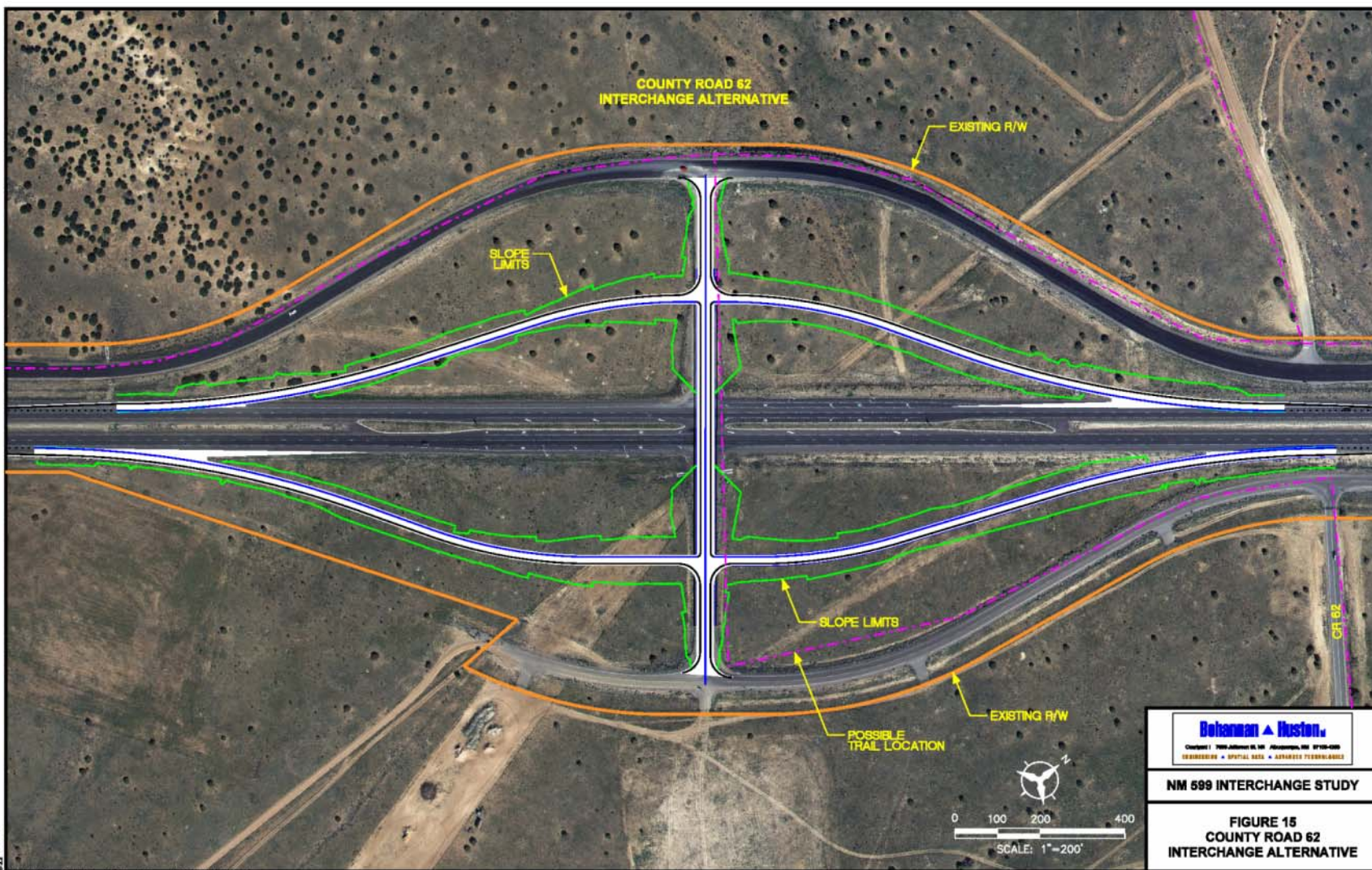
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**NM 599 INTERCHANGE STUDY**

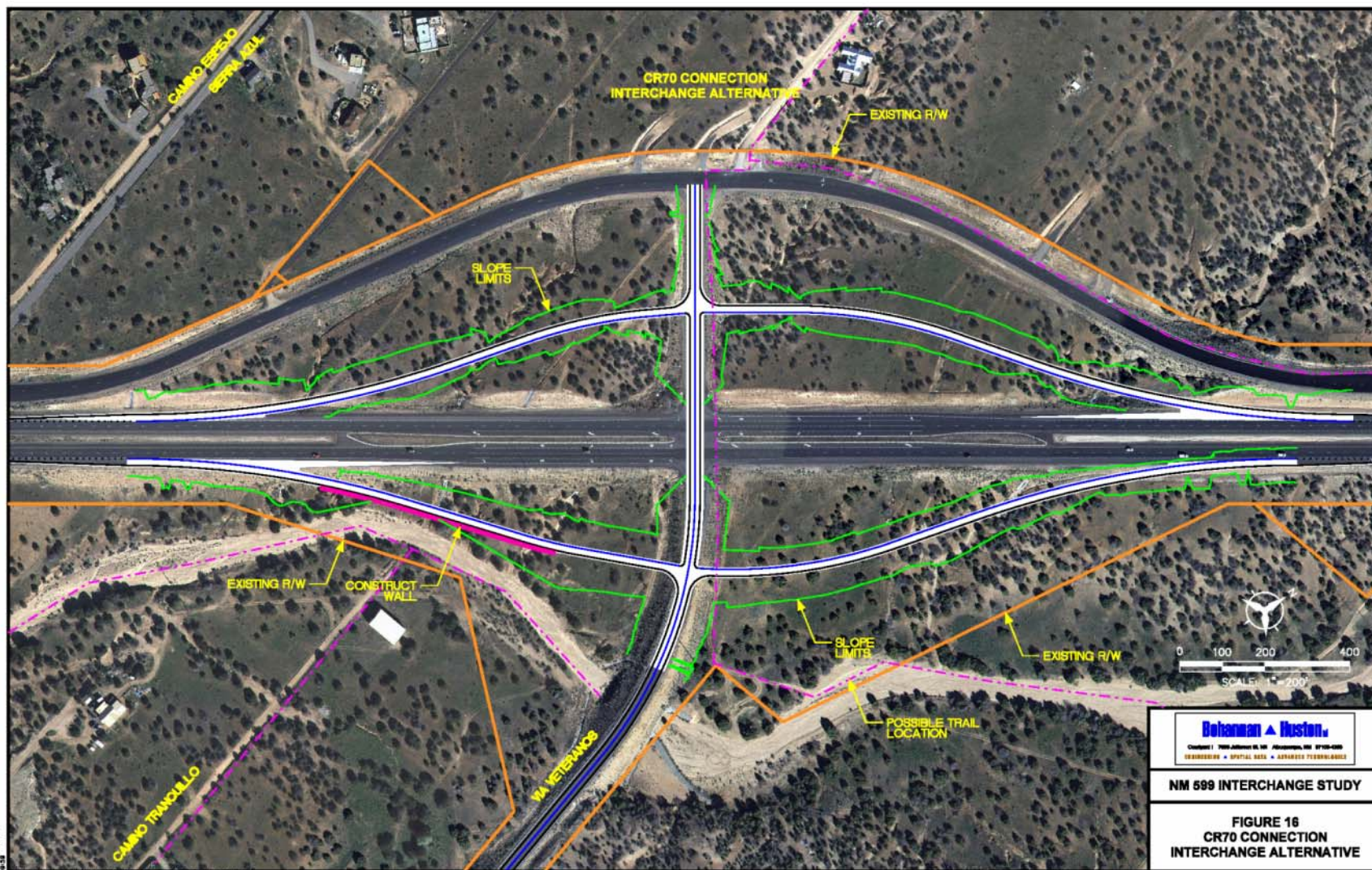
**FIGURE 14**  
**NM 599 S. FRONTAGE RD**  
**FROM CR 62 TO CAJA DEL RIO**





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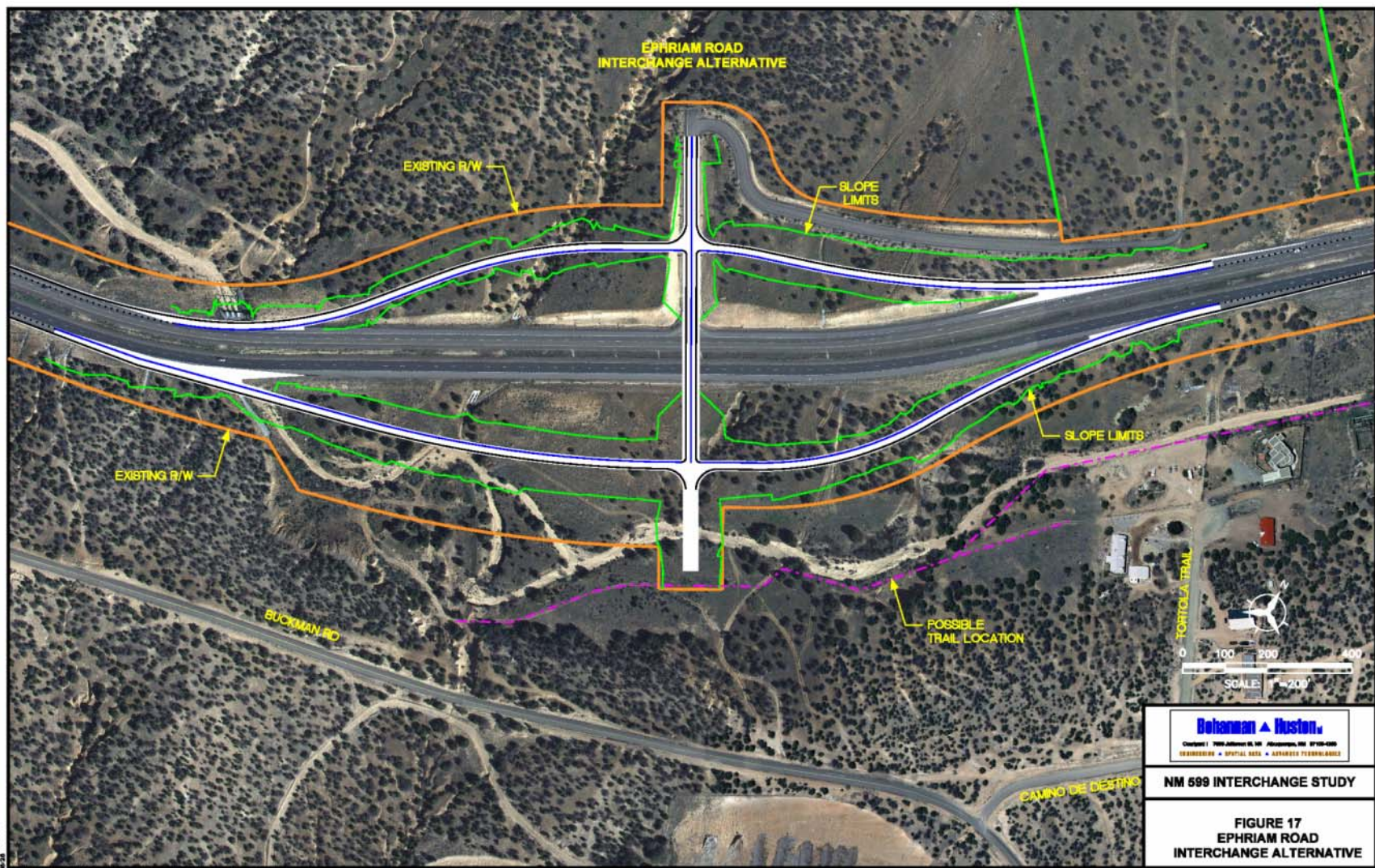
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**NM 599 INTERCHANGE STUDY**

**FIGURE 16  
CR70 CONNECTION  
INTERCHANGE ALTERNATIVE**

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**NM 599 INTERCHANGE STUDY**

**FIGURE 17  
EPHRIAM ROAD  
INTERCHANGE ALTERNATIVE**

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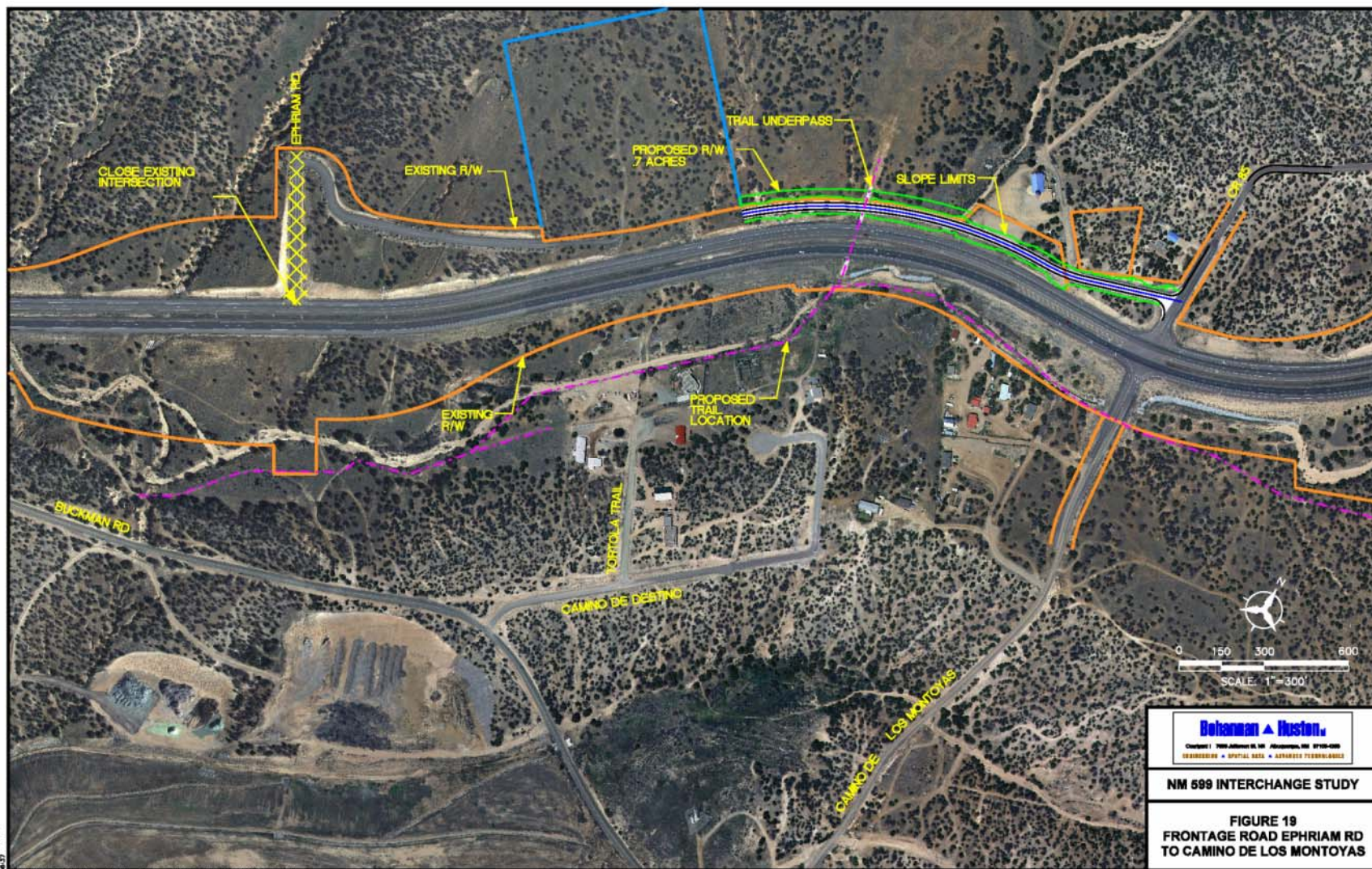




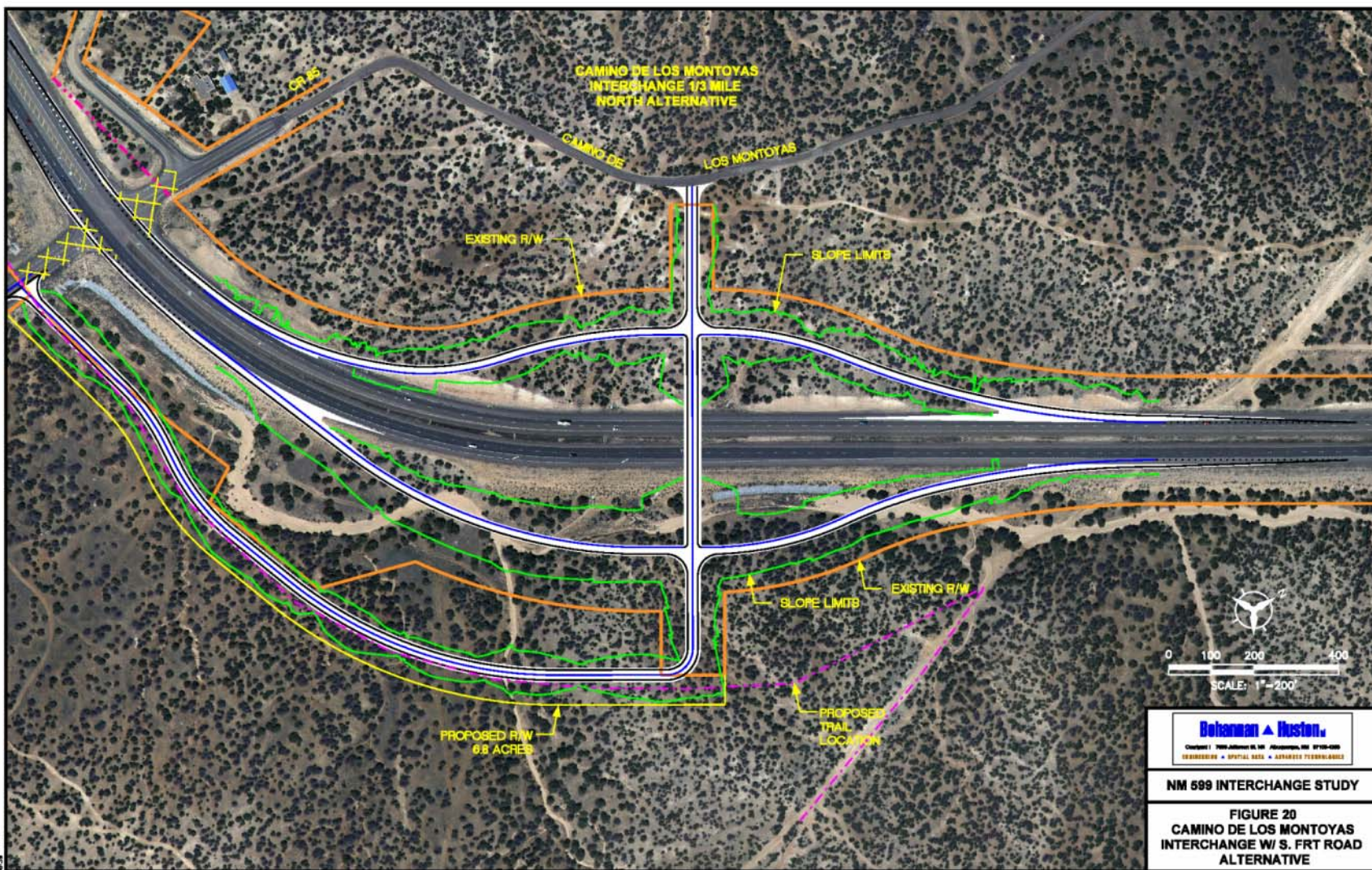
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<b>NM 599 INTERCHANGE STUDY</b>	
<b>FIGURE 18</b> <b>EPHRIAM ROAD</b> <b>OVERPASS ALTERNATIVE</b>	

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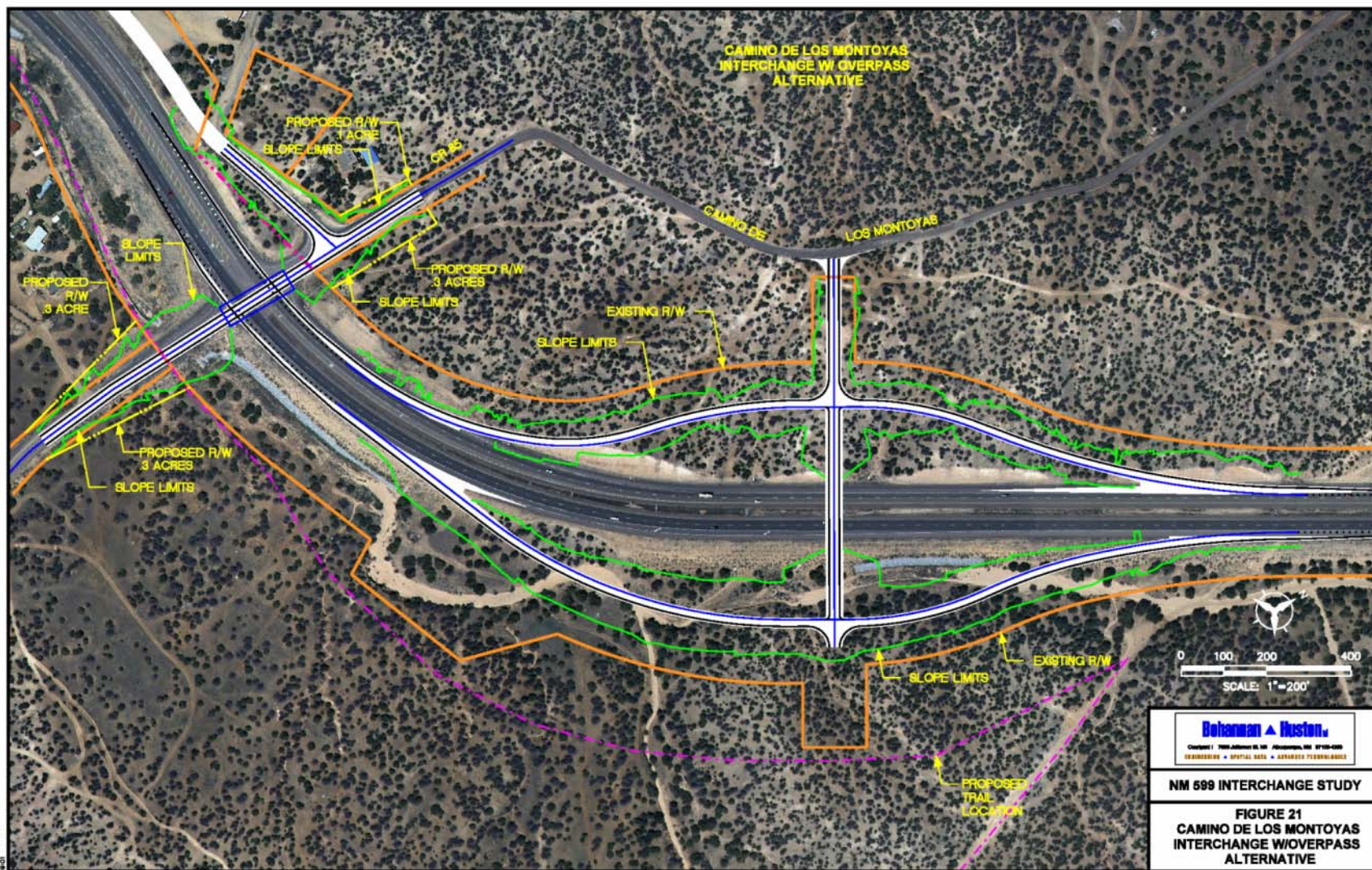




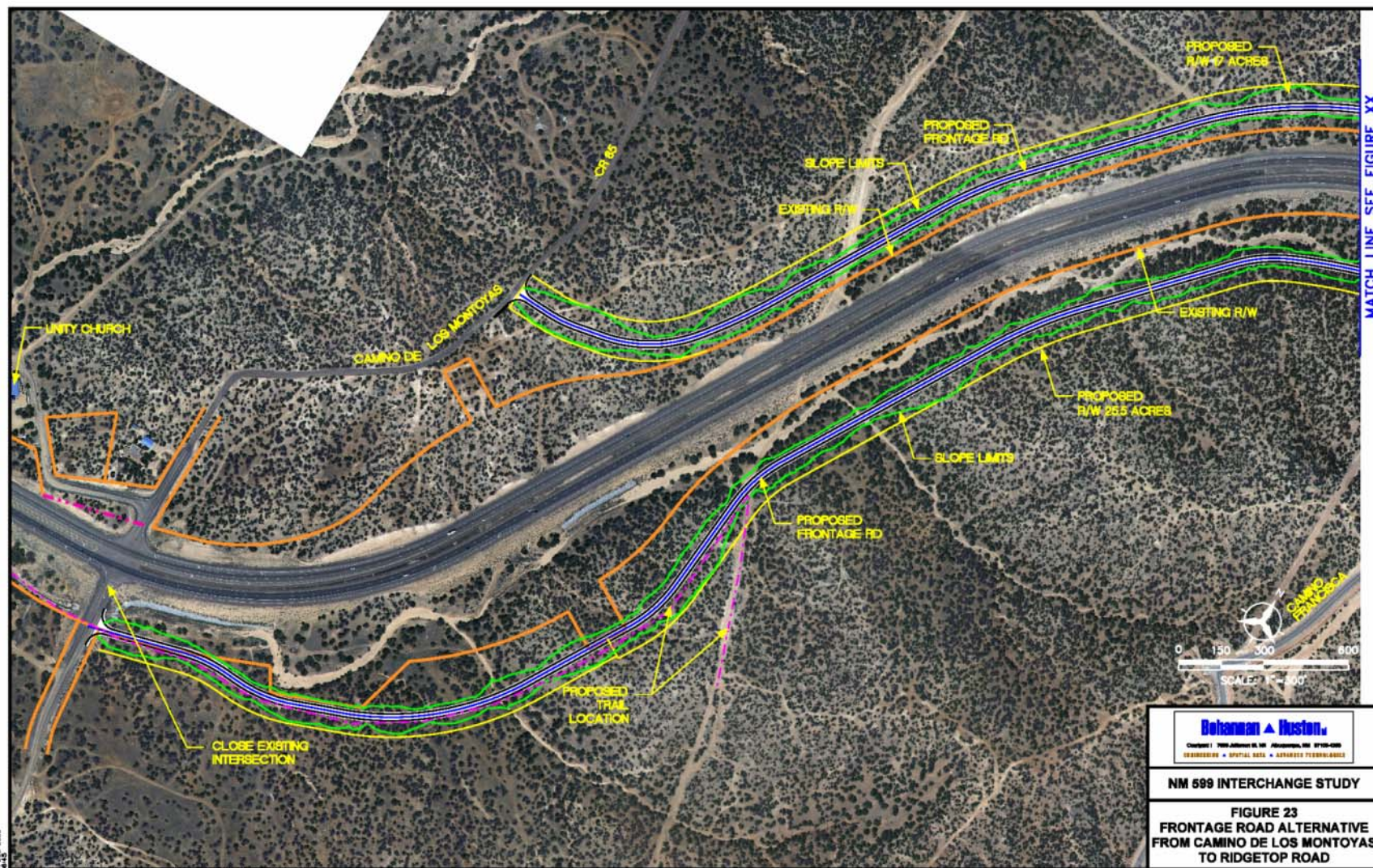












MATCH LINE SEE FIGURE XX



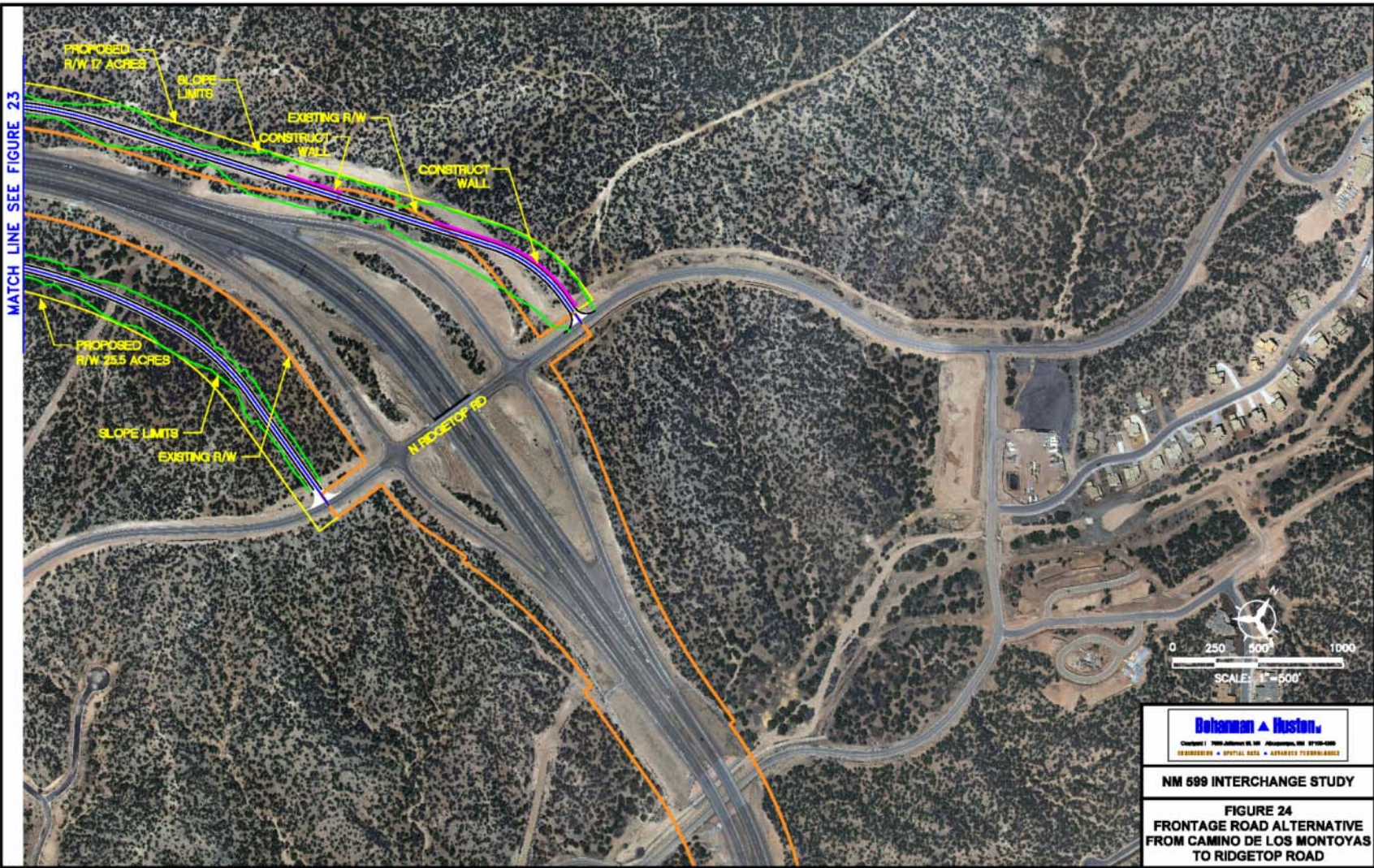




Table 42 – Summary of Alternative Evaluation									
Interchange Location	Fig	Right-of-way required (acres) <sup>1</sup>	Construction Cost not incl. Right-of-way	Relocations Required	Improves Safety at existing intersections <sup>2</sup>	Existing Intersection LOS = F	Removes traffic from adjacent intersections <sup>3</sup>	Environmental Impact	Preferred Alternative
No Build	n/a	0	\$0	0	n/a	No	n/a	None	No
I-25 Frontage Road Overpass	3	0	\$6,000,000	0	5	No	1	Low	Yes
Jaguar Rd									
Interchange at Jaguar	5	0	\$8,000,000	0	n/a	No	3	Low	Yes
NM 599 W. Frt Rd to I-25	7&8	18 acres \$2,700,000	\$6,500,000	0	n/a	No	3	Med	No
NM 599 E. Frt Rd to I-25	7&8	17.5 acres \$2,625,000	\$7,500,000	0	n/a	No	3	Med	Yes
NM 599 W. Frt Jaguar to Airport	9	15 acres \$2,250,000	\$5,000,000	1	n/a	No	3	Med	No
NM 599 E. Frt Jaguar to Airport	9	10.5 acres \$1,575,000	\$4,500,000	0	n/a	No	3	Med	No
Airport Rd	10	0	\$11,000,000	0	5	No	2	Low	Yes
Caja del Rio									
Extend Frontage Rd across Santa Fe River	12	2 acres \$300,000	\$4,000,000	0	n/a	No	3	Med	Yes
Interchange at Caja del Rio	13	31 acres \$4,650,000	\$8,000,000	0	n/a	No	5	Med	Yes
NM 599 S Frt Rd Caja to CR 62	14	15.5 acres \$2,325,000	\$8,000,000	0	n/a	No	1	Low	No
CR 62	15	0	\$6,500,000	0	5	Yes	5	Low	Yes



Table 42 – Summary of Alternative Evaluation

Interchange Location	Fig	Right-of-way required (acres) <sup>1</sup>	Construction Cost not incl. Right-of-way	Relocations Required	Improves Safety at existing intersections <sup>2</sup>	Existing Intersection LOS = F	Removes traffic from adjacent intersections <sup>3</sup>	Environmental Impact	Preferred Alternative
CR 70 Connection	16	0	\$8,000,000	0	3	Yes	5	Low	Yes
Ephriam Rd									
Ephriam Rd Interchange	17	0	\$8,000,000	0	1	No	1	Med	Yes
Ephriam Rd Overpass	18	1.5 acres \$225,000	\$5,000,000	0	1	No	1	Med	No
N Frt Rd Ephriam to Camino de los Montoyas	19	.7 acres \$105,000	\$3,000,000	0	1	No	5	Med	No
Camino de los Montoyas									
Interchange w/ Frt Rd	20	7 acres \$1,050,000	\$10,000,000	0	1	Yes	1	Med	Yes
Interchange w/ Overpass	21	1 acres \$150,000	\$12,500,000	0	1	Yes	1	Med	No
Overpass w/ Frt Rd to Ephriam	22	1.7 acres \$255,000	\$7,500,000	0	1	Yes	1	Med	No
W Frt Rd CR 85 to Ridgetop	23	17 acres \$2,550,000	\$5,500,000	0	1	Yes	3	Low	No
E Frt Rd CR 85 to Ridgetop	24	25.5 acres \$3,825,000	\$4,000,000	0	1	Yes	3	Med	No