Juan Tabo Connectivity Study

Virtual Public Meeting #1
Introductions

City of Albuquerque
- Petra Morris, AICP – Council Planning Manager
- Melissa Lozoya, PE – DMD Deputy Director
- Tom Menicucci – City Council Policy Analyst
- Tim Brown, PE – Traffic Engineering Manager
- Laura Rummler – Councilor Harris Policy Analyst

Wilson & Company
- Audra Gallegos, PE
- Ben Bachwirtz
Study Area
Study Area
Tijeras Bio-Zone

• Bio-Zone – an area of high concentration of natural resources that are protected and preserved.

• City of Albuquerque Resource Management Plan for Tijeras Arroyo Biological Zone
Photos
Juan Tabo Boulevard Connectivity Study

Juan Tabo Boulevard

[Images of the road with signs and landscape]
Juan Tabo Boulevard Connectivity Study

Constraints
Constraints
Traffic
Juan Tabo Boulevard Connectivity Study

Existing MRCOG Traffic Data
• Volume-to-capacity (v/c) ratio is a measurement of roadway congestion

\[
v/c = \frac{\text{volume of roadway}}{\text{capacity of roadway}}
\]
Willow Wood Cut-Through Data

- December 19, 2019 and January 30, 2020 by COA Traffic Division
- Approximately 60% of traffic was cut-through during the AM peak hour
Crash Data
Hot Spot Analysis – Total Crashes

- 2014 – 2018 crashes
- Hot Spots:
  - Eubank & Southern (90)
  - Elizabeth & Southern (23)
  - Eubank & Innovation (16)
  - Eubank & Gibson (18)
  - 46 crashes along Juan Tabo Boulevard within study area, 70% north of bridge
Hot Spot Analysis – Severity

- No fatal crashes
- 4 serious crashes:
  - Eubank & Southern
  - Eubank & La Entrada
  - Juan Tabo & Herman Roser
  - Juan Tabo & Pompano
Proposed Alternatives
Alternative D will be analyzed but is not a viable option due to the large impact to homes.
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**Alternative A**

**Pros**
- Existing roadway easement
- Edge of Tijeras Arroyo Bio-Zone
- No home relocations

**Cons**
- Tijeras Arroyo crossing
- Ties into residential street in Juan Tabo Hills West community – cut-through traffic
- Possible utility conflicts
- Expensive – bridge
- Edge of old landfill
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**Alternative B**

### Pros
- Ties into collector roadways
- No cut-through traffic
- No home relocations

### Cons
- Tijeras Arroyo crossing
- Within Bio-Zone
- Possible utility conflicts
- Expensive – bridge
- Old landfill
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**Alternative C**

**Pros**
- Ties into collector roadways
- No cut-through traffic
- No home relocations
- Not within landfill

**Cons**
- Tijeras Arroyo crossing
- Within Bio-Zone
- Possible utility conflicts
- Expensive – retaining walls, earthwork
# Alternative D

## Pros
- Ties into collector roadways
- No cut-through traffic
- Not within Bio-Zone
- Not within landfill

## Cons
- Home relocations
- Possible utility conflicts

*This alternative will be analyzed but is not a viable option due to the large impact to homes.*
## Alternative E – No-Build

### Pros
- Least expensive alternative
- Not within landfill
- Not within Bio-Zone
- No home relocations

### Cons
- Connectivity
- Traffic
Public Input
Questions/Comments

- Survey after the presentation
- Email comments to audra.gallegos@wilsonco.com
- Deadline for comments December 15, 2020
- Next public meeting tentatively January 19, 2020
Thank you!