



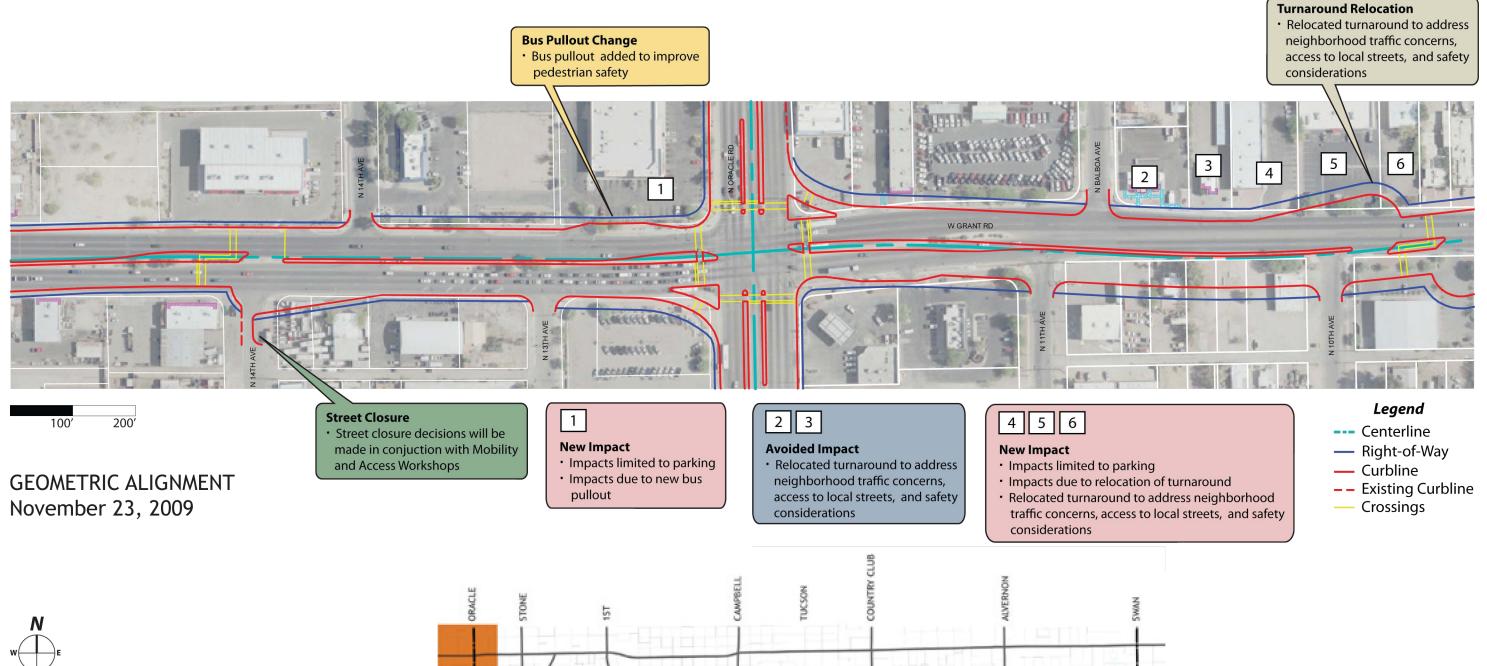


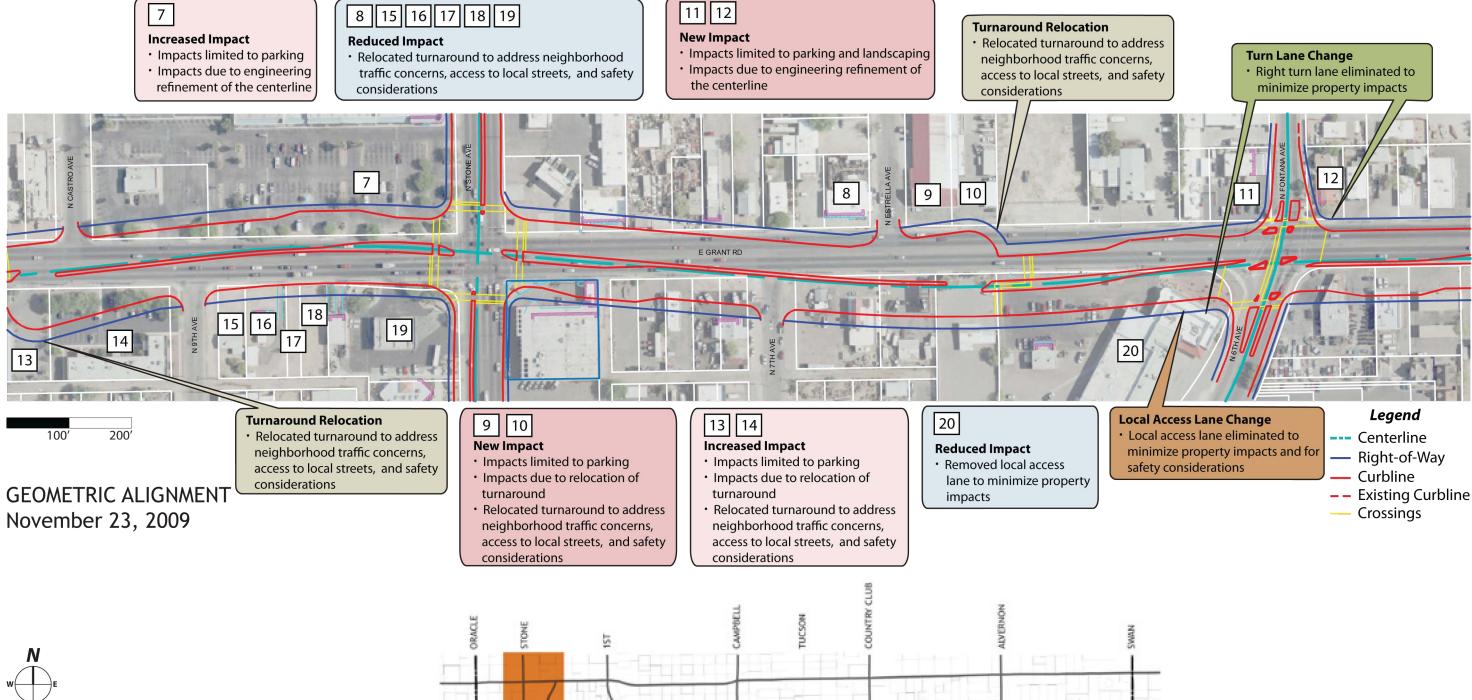
COMPARISON OF GEOMETRIC ALIGNMENT AND MAYOR AND COUNCIL APPROVED ALIGNMENT

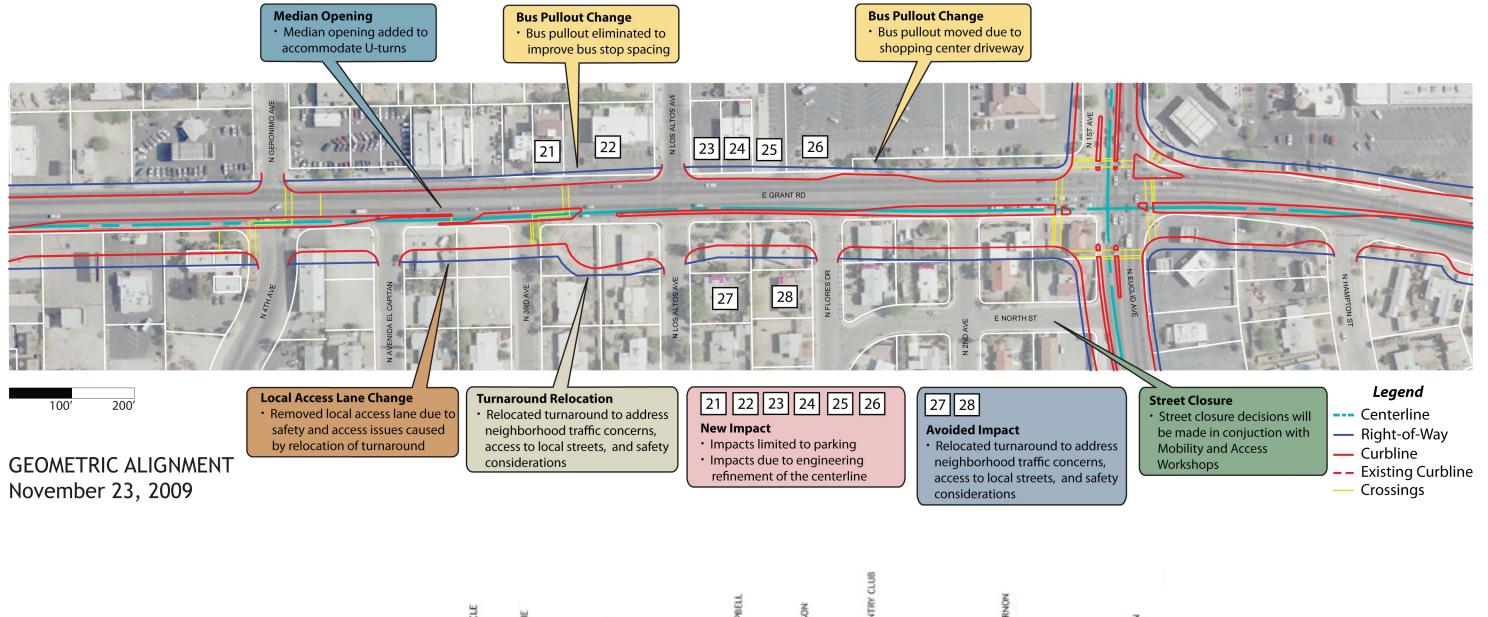
There may be minor differences between the alignment maps shown here and the Design Concept Report (October 2010).

Please refer to the 30% Design Plans in the Design Concept Report for the most accurate roadway design details.

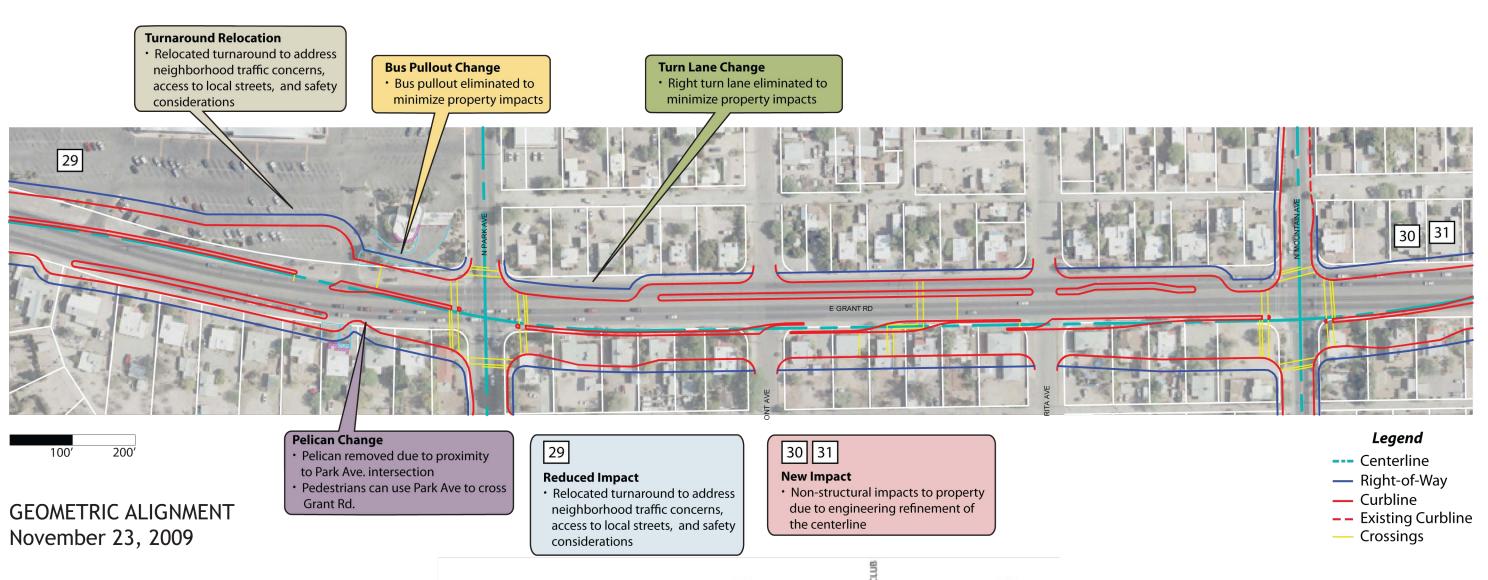
Grant Road - Oracle Road to Swan Road November 23, 2009



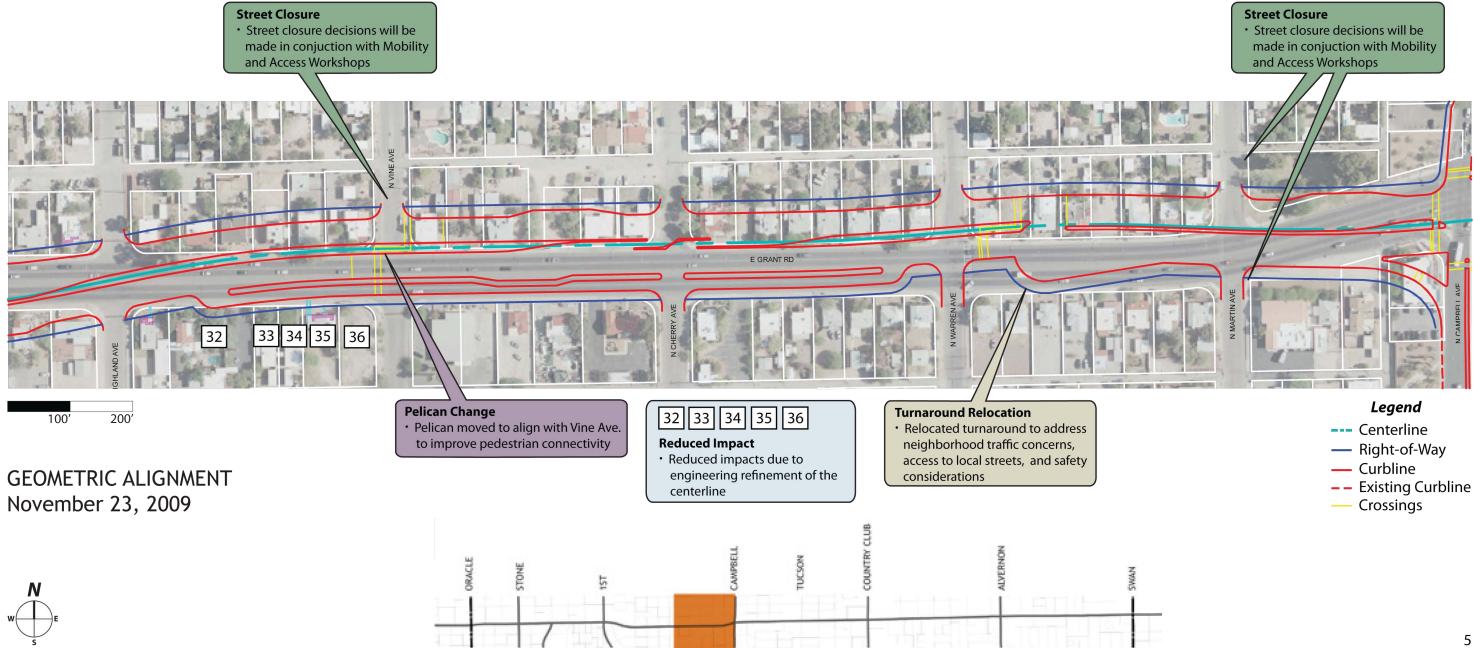


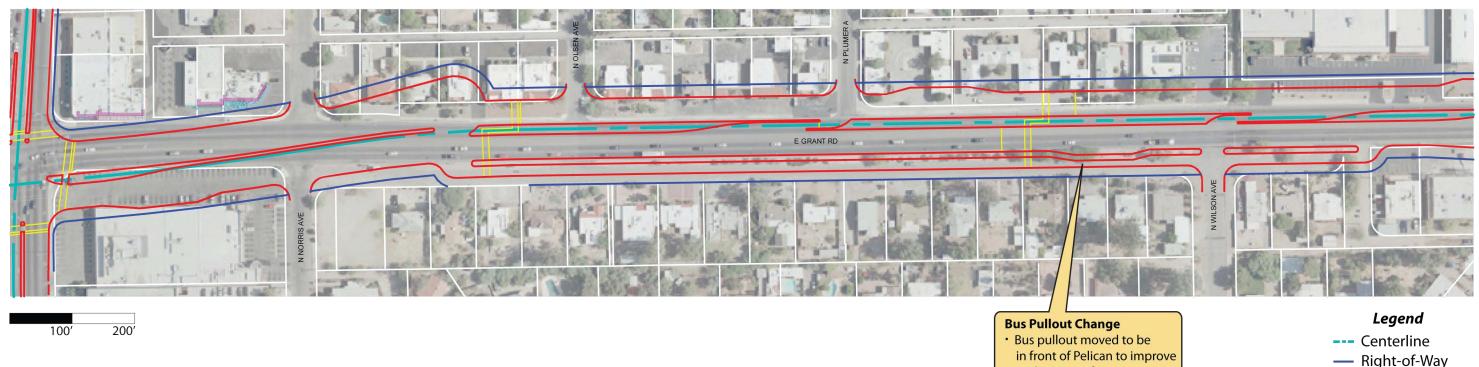












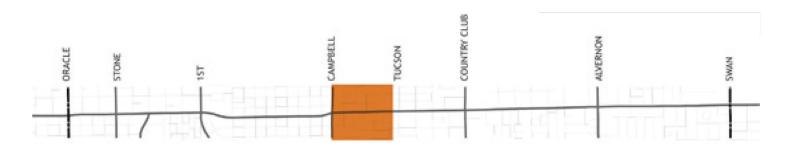
pedestrian safety

— Right-of-Way

Curbline

– Existing Curbline— Crossings





Bus Pullout Change

 Bus pullout eliminated to minimize property impacts



200′

GEOMETRIC ALIGNMENT November 23, 2009

37

Increased Impact

• Impacts to structure due to engineering refinement of intersection geometry

- --- Centerline
- Right-of-Way
- Curbline
- Existing CurblineCrossings





· Relocated turnaround to address **Bus Pullout Change Median Opening** neighborhood traffic concerns, Bus pullout moved to Median opening added to accommodate access to local streets, and safety improve pedestrian safety U-turns considerations 38 E GRANT RD Legend 39 38 200′

GEOMETRIC ALIGNMENT November 23, 2009

Reduced Impact

- Reduced impact to Boy's and Girl's Club parking lot due to relocated turnaround
- Relocated turnaround to address neighborhood traffic concerns, access to local streets, and safety considerations

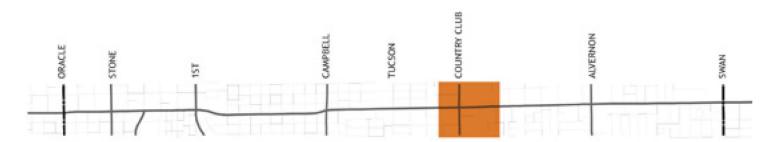
New Impact

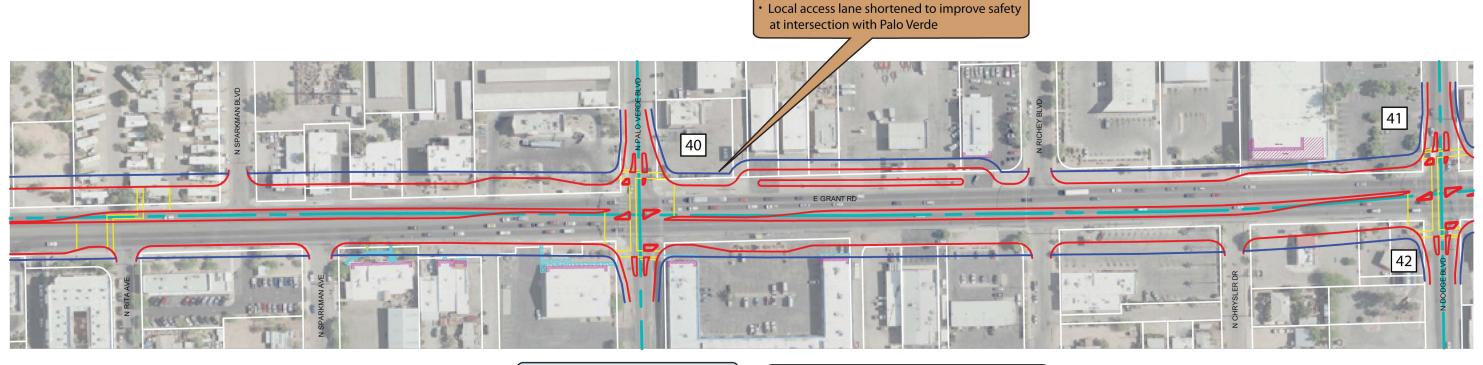
Turnaround Relocation

- · Impacts are limited to landscaping
- · Impacts due to engineering refinement of the centerline

- --- Centerline
- Right-of-Way
- Curbline
- Existing Curbline
- Crossings







200′

40

Reduced Impact

 Reduced impact due to safety and access considerations to local access lane 41 42

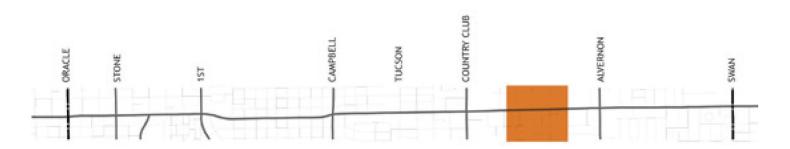
Increased Impact

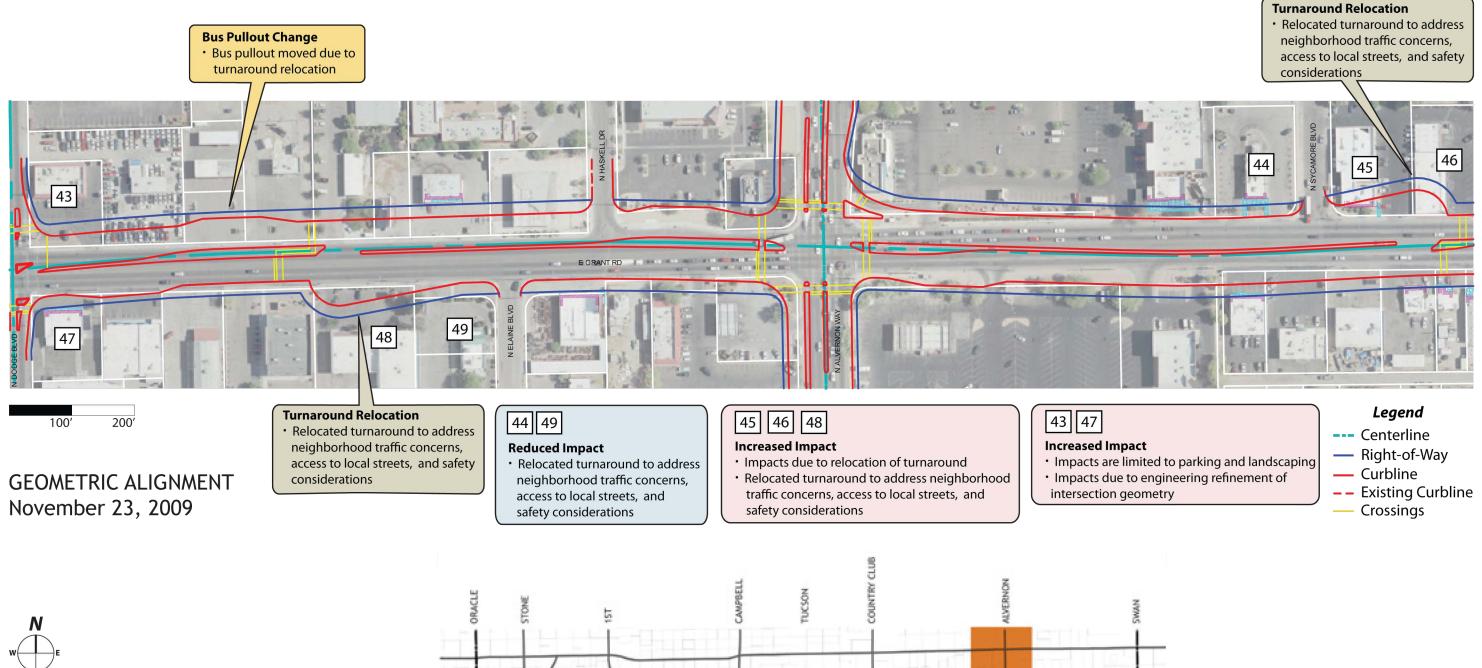
Local Access Lane Change

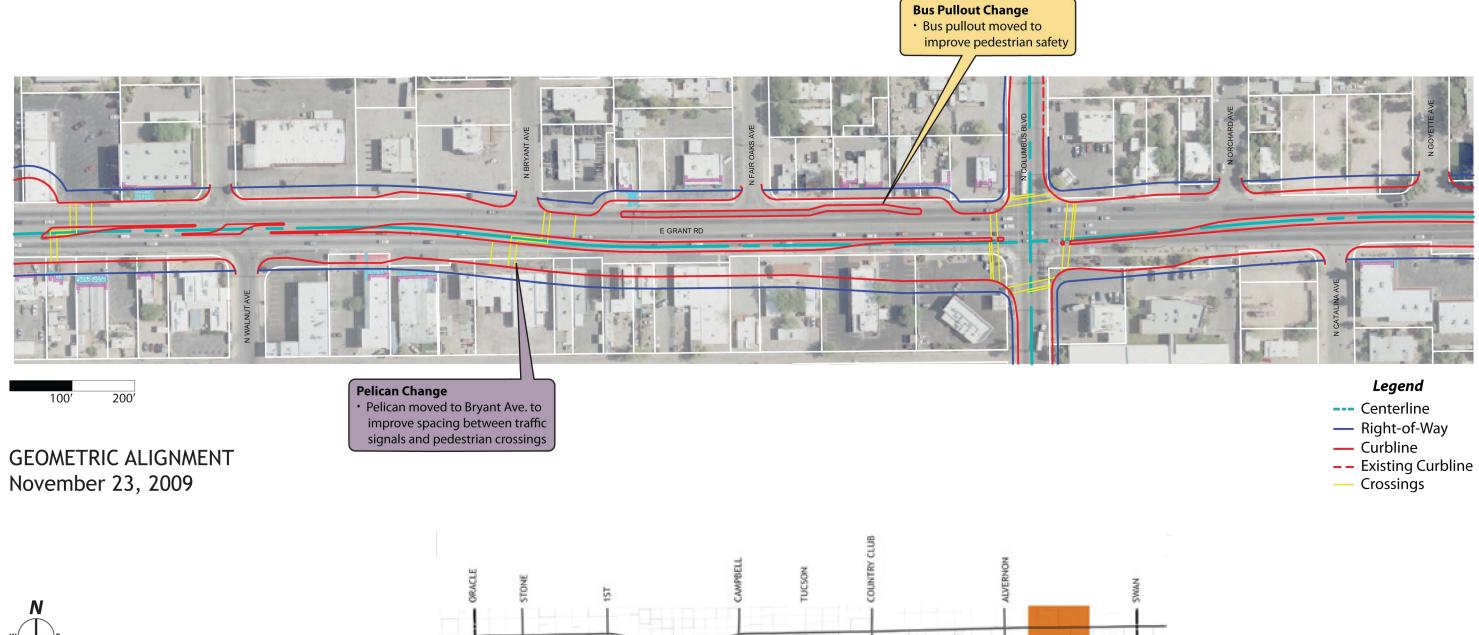
- Impacts are limited to parking and landscaping
- Impacts due to engineering refinement of intersection geometry

- --- Centerline
- Right-of-Way
- Curbline
- Existing Curbline
- Crossings

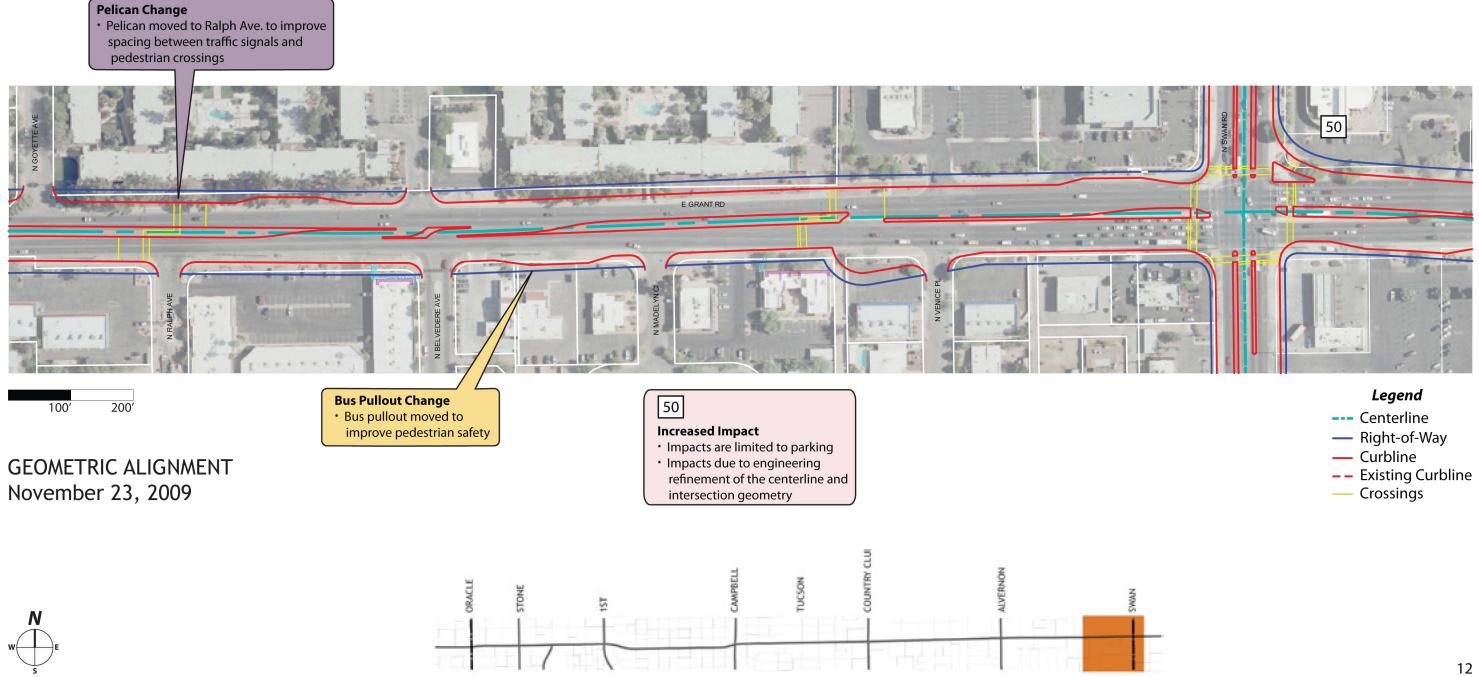


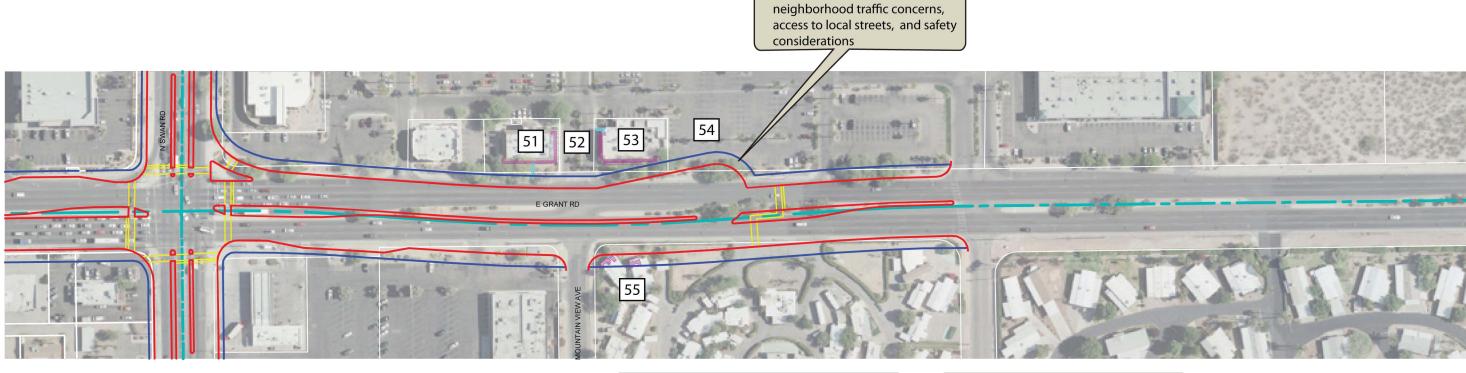












Turnaround Relocation

Relocated turnaround to address

GEOMETRIC ALIGNMENT November 23, 2009

200′

51 52

Avoided Impact

 Relocated turnaround to address neighborhood traffic concerns, access to local streets, and safety considerations 53 54

New Impact

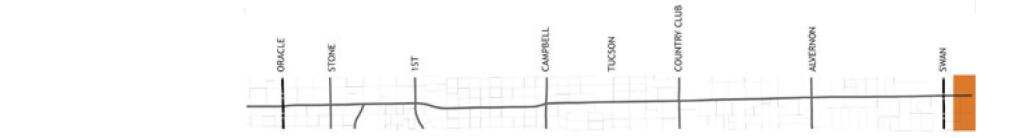
- Impacts limited to parking and landscaping
- · Impacts due to relocation of turnaround
- Relocated turnaround to address neighborhood traffic concerns, access to local streets, and safety considerations

55

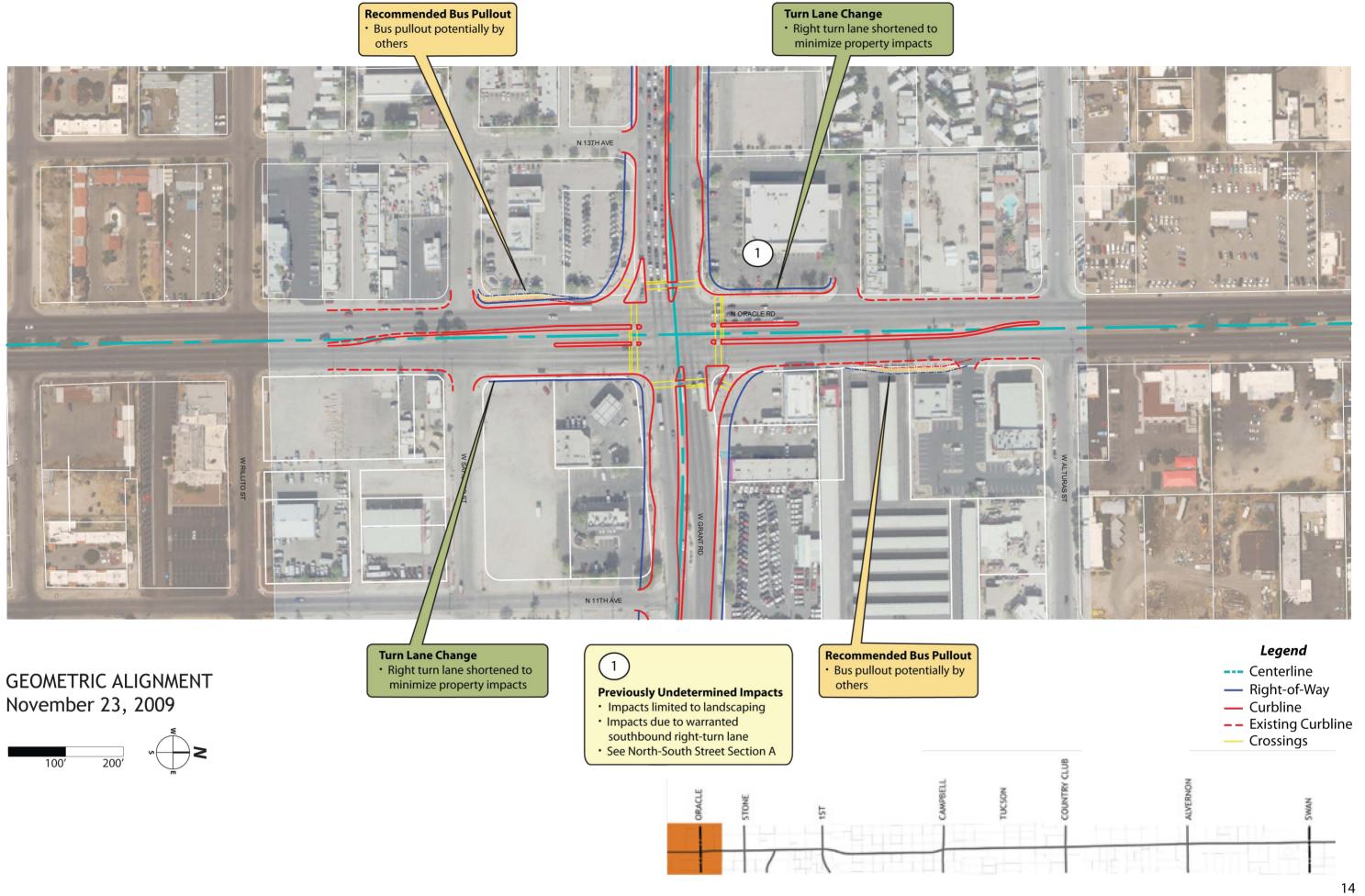
Increased Impact

 Impacts to structure due to engineering refinement of centerline geometry

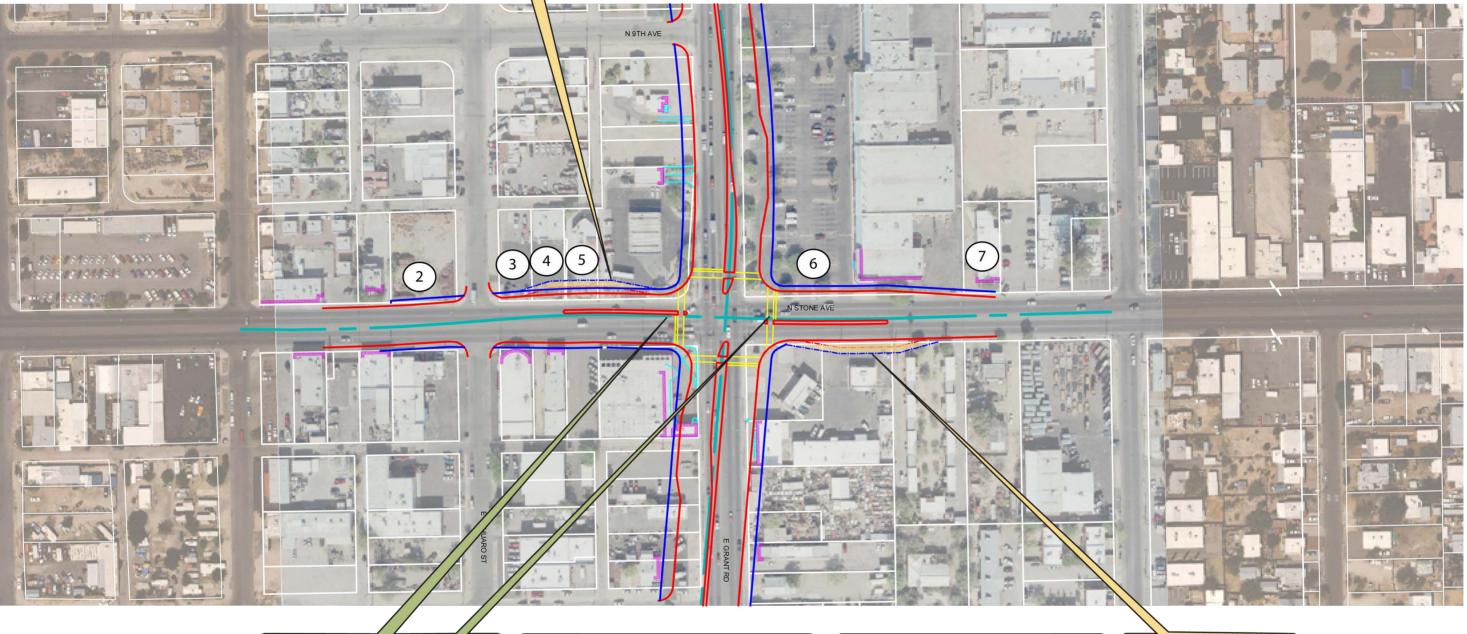
- --- Centerline
- Right-of-Way
- Curbline
- Existing Curbline
- Crossings







Recommended Bus Pullout • Bus pullout potentially by others



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Turn Lane Change

 Single left turn lane provided instead of recommended dual left turn lanes to minimize property impacts

2 3 4 5

Previously Undetermined Impacts

- Impacts limited to parking and landscaping
- Impacts due to the Red Flag property avoidance on the southeast corner of intersection
- See North-South Street Section B

67

Previously Undetermined Impacts

- · Impacts limited to parking and landscaping
- Impacts due to intersection approach improvements
- · See North-South Street Section B

Recommended Bus Pullout

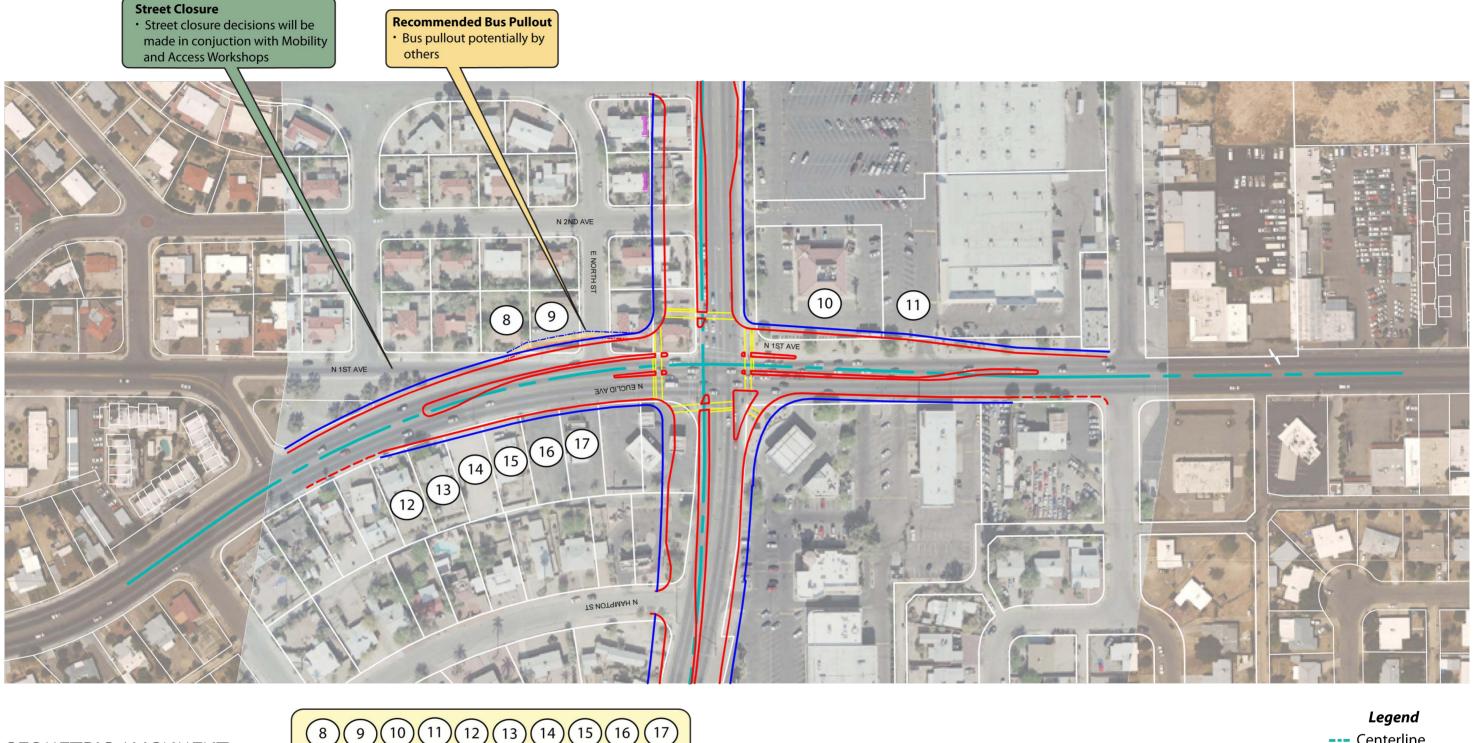
Bus pullout potentially by others

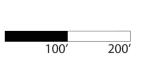
Legend

- --- Centerline
- Right-of-Way
- Curbline
- Existing Curbline
- Crossings



1 4





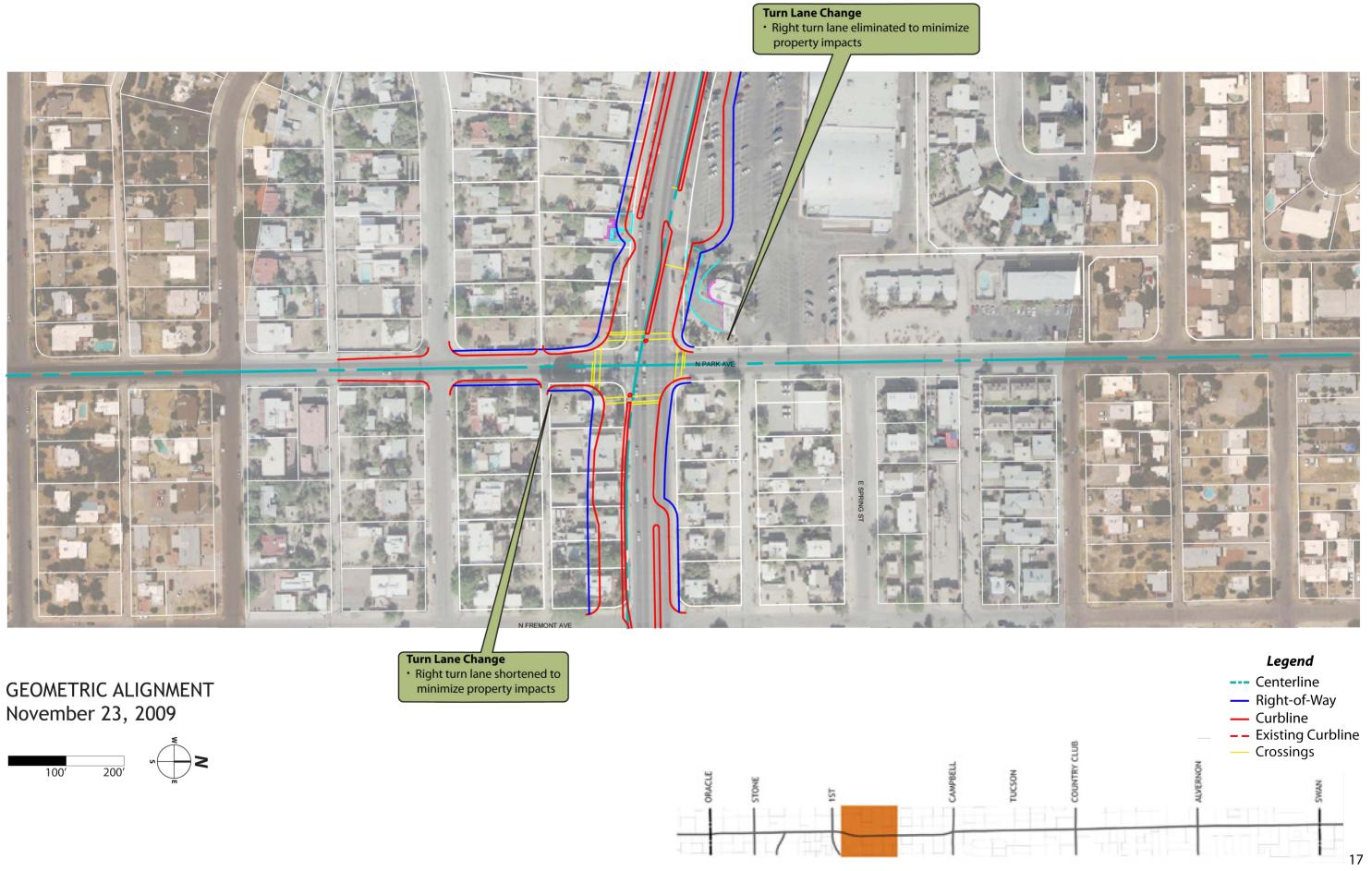


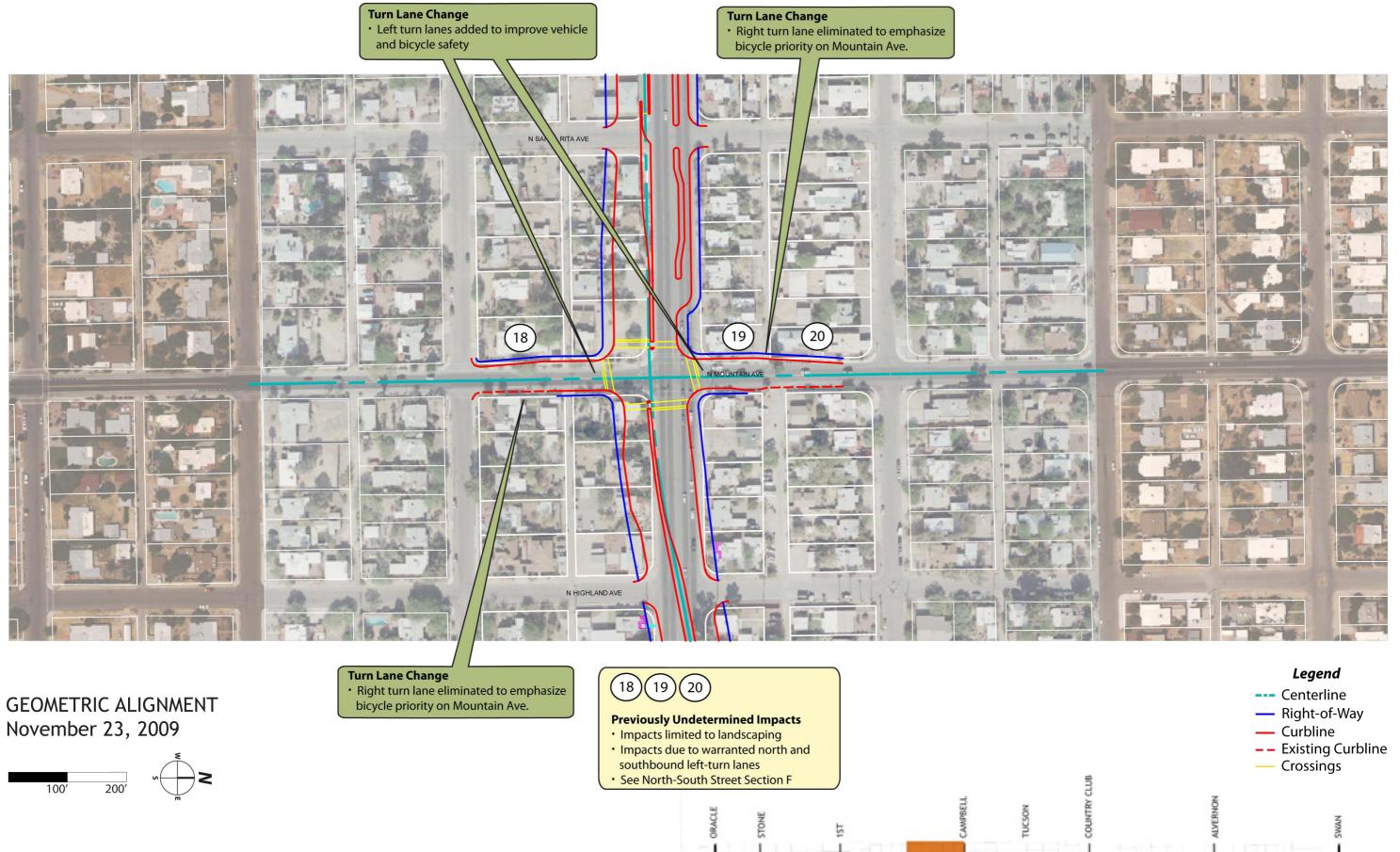
10 11 12 13 14 15 16 17

Previously Undetermined Impacts

- · Impacts limited to parking and landscaping
- · Impacts due to intersection approach improvements
- See North-South Street Section C

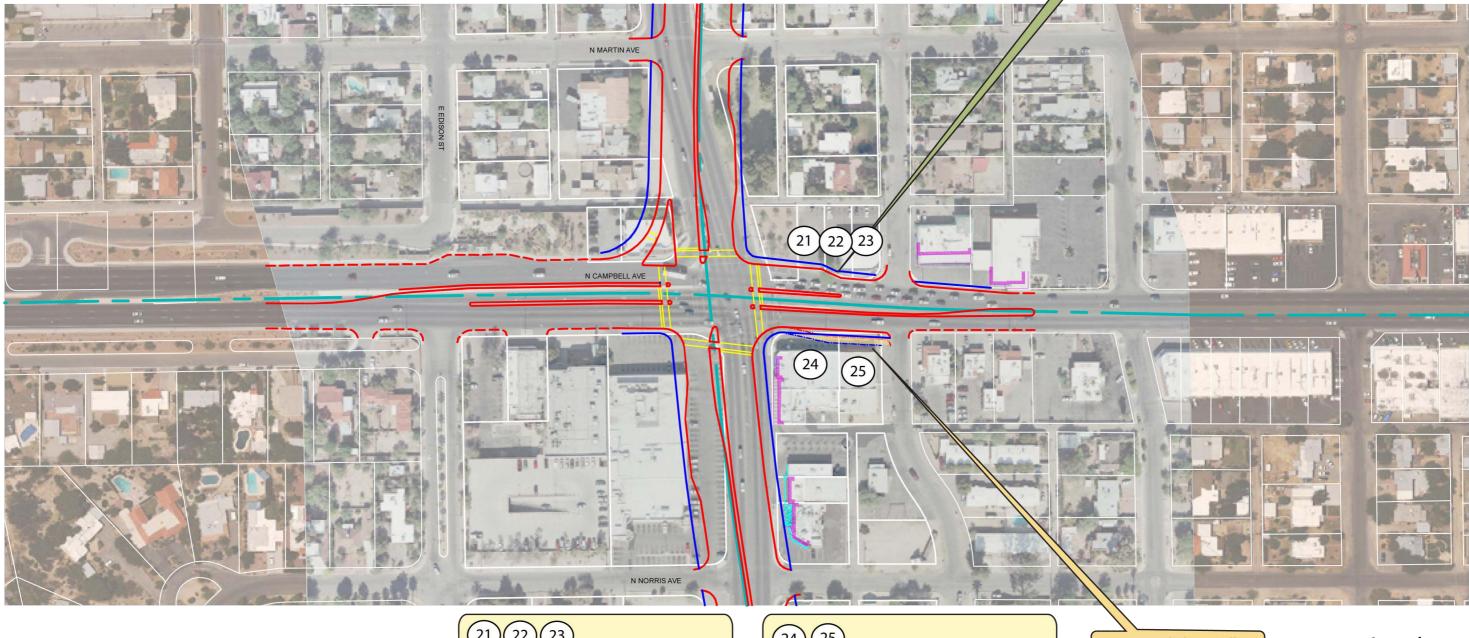






Turn Lane Change

· Right turn lane taper shortened from previously shown alignment to minimize property impacts



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22 23

Previously Undetermined Impacts

- Impacts limited to parking and landscaping
- · Impacts due to intersection approach improvements
- See North-South Street Section C

24 25

Previously Undetermined Impacts

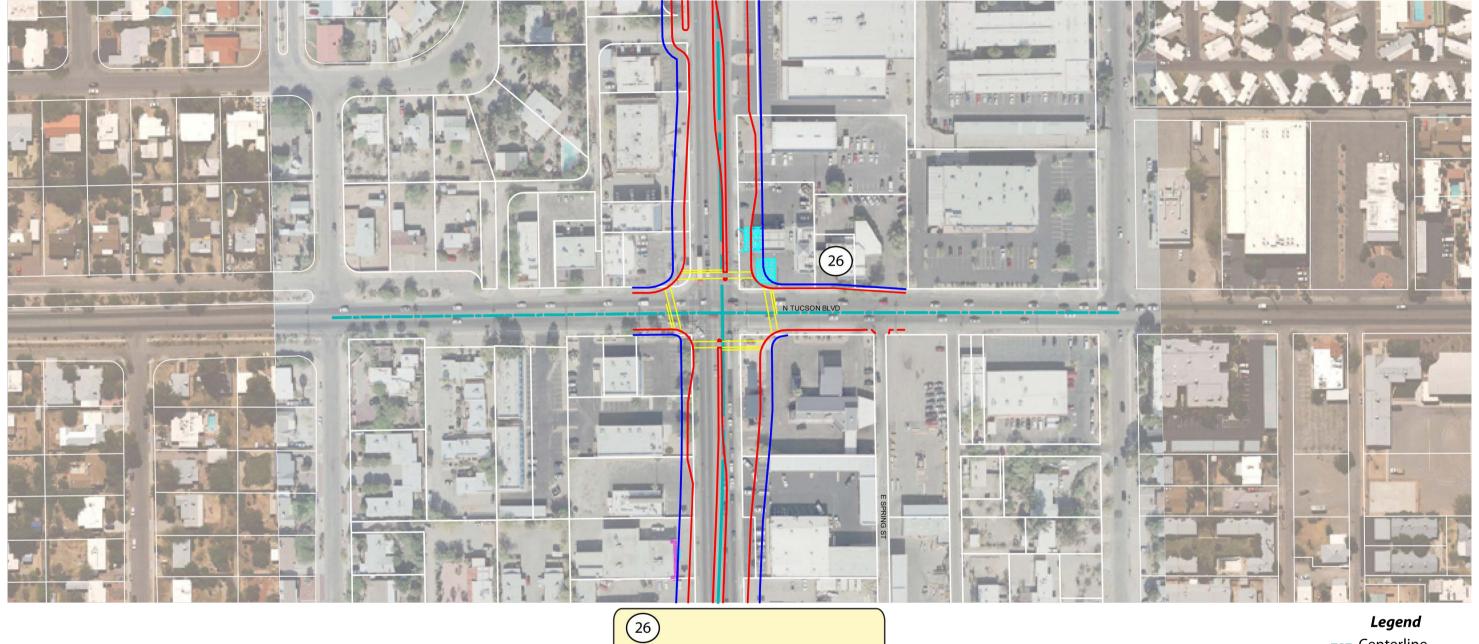
- · Impacts limited to parking and landscaping
- Impacts due to avoidance of structure on westside of Campbell Ave.
- · See North-South Street Section C

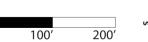
Recommended Bus Pullout

· Bus pullout potentially by others

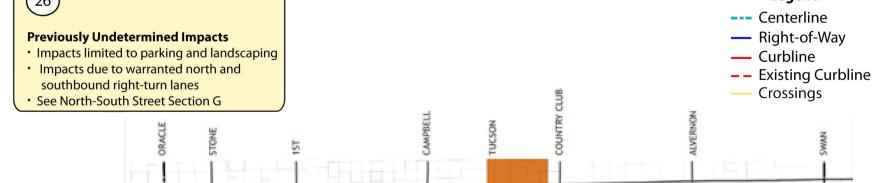
- --- Centerline
- Right-of-Way
- Curbline
- Existing Curbline
- Crossings

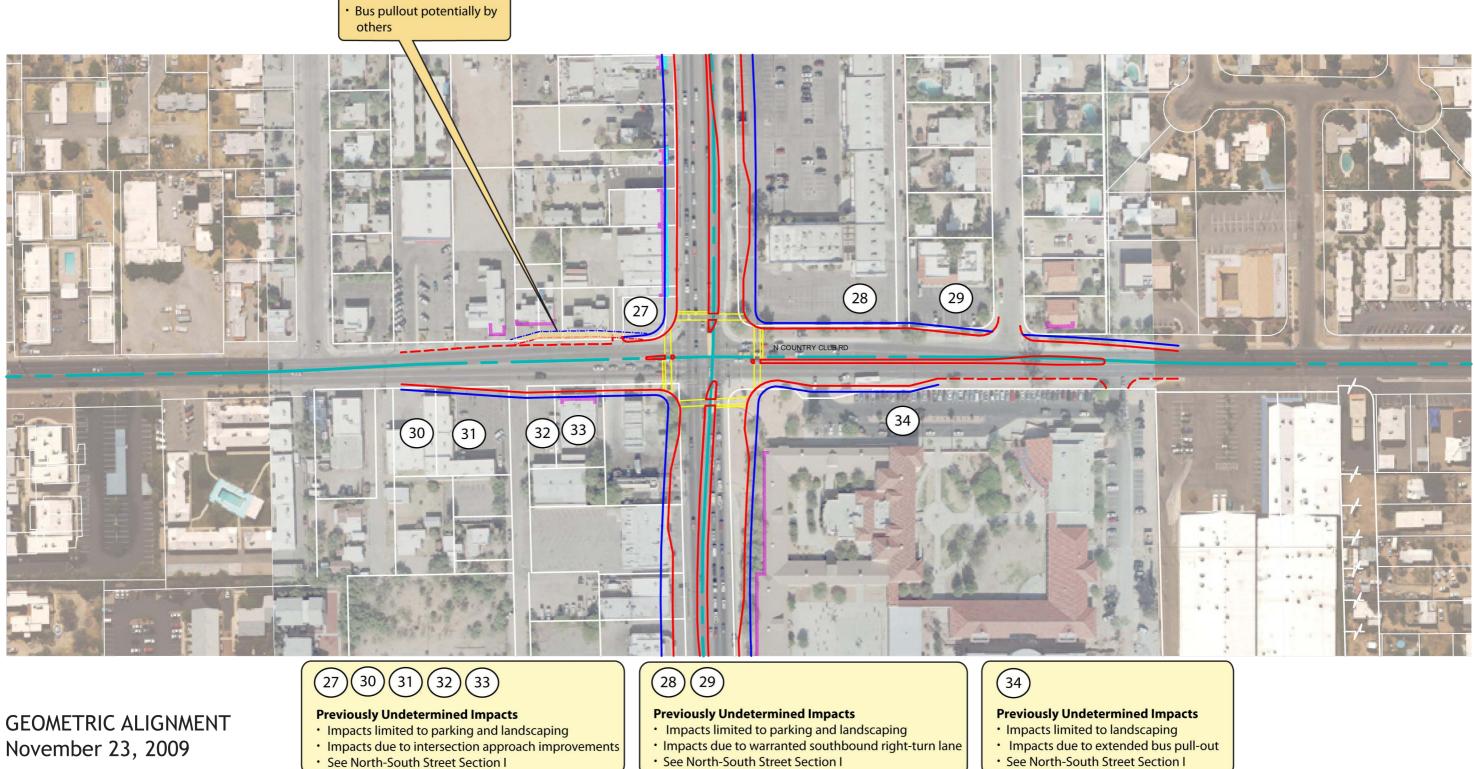










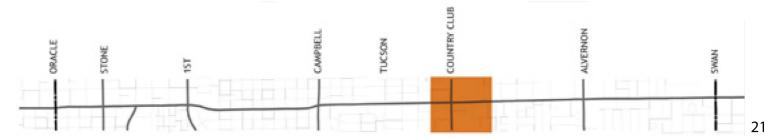


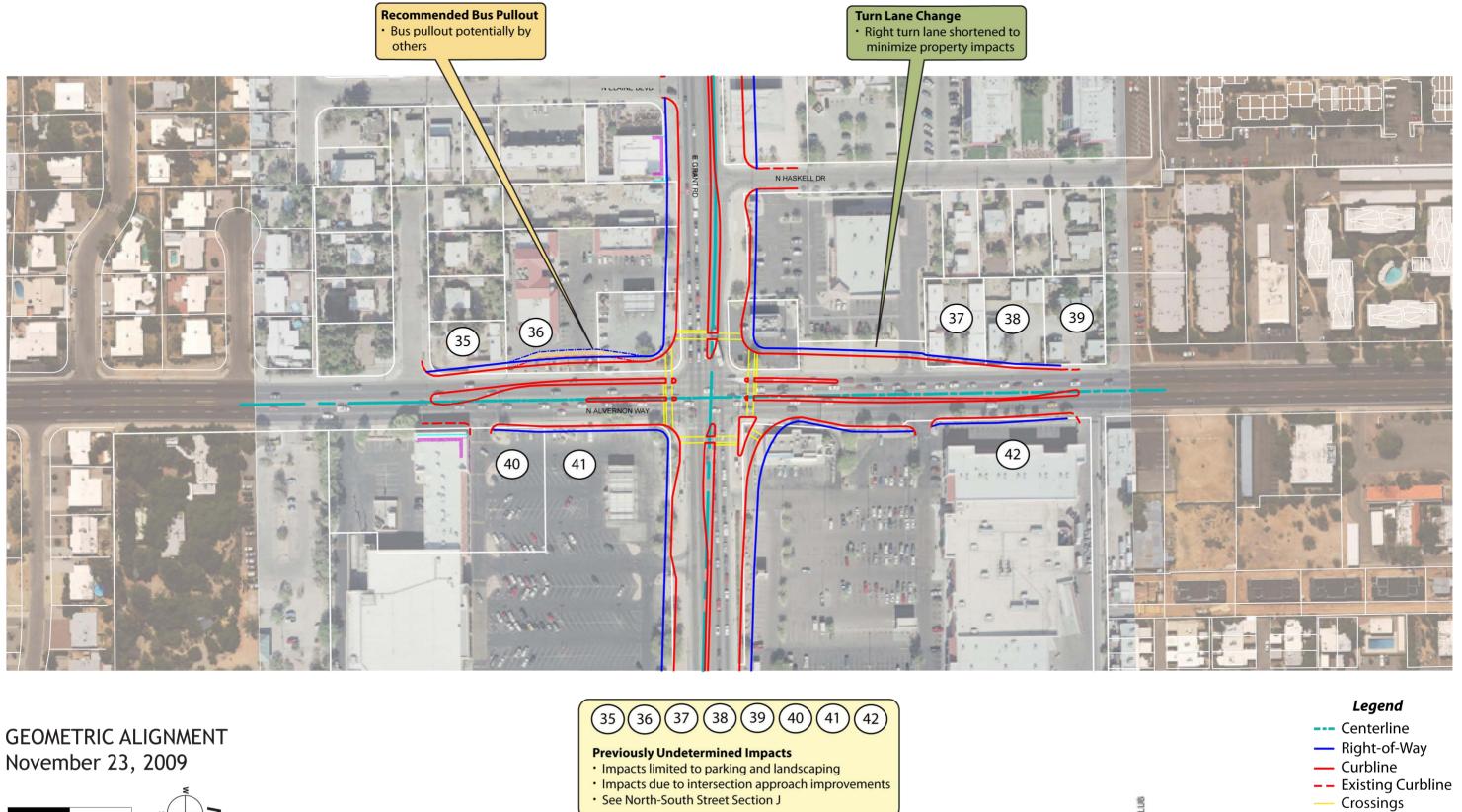
Recommended Bus Pullout

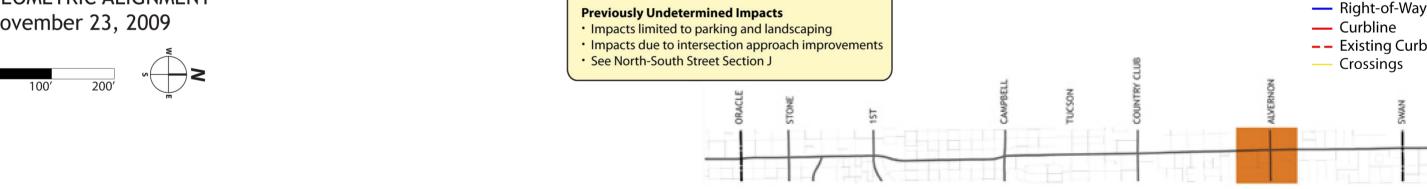
November 23, 2009

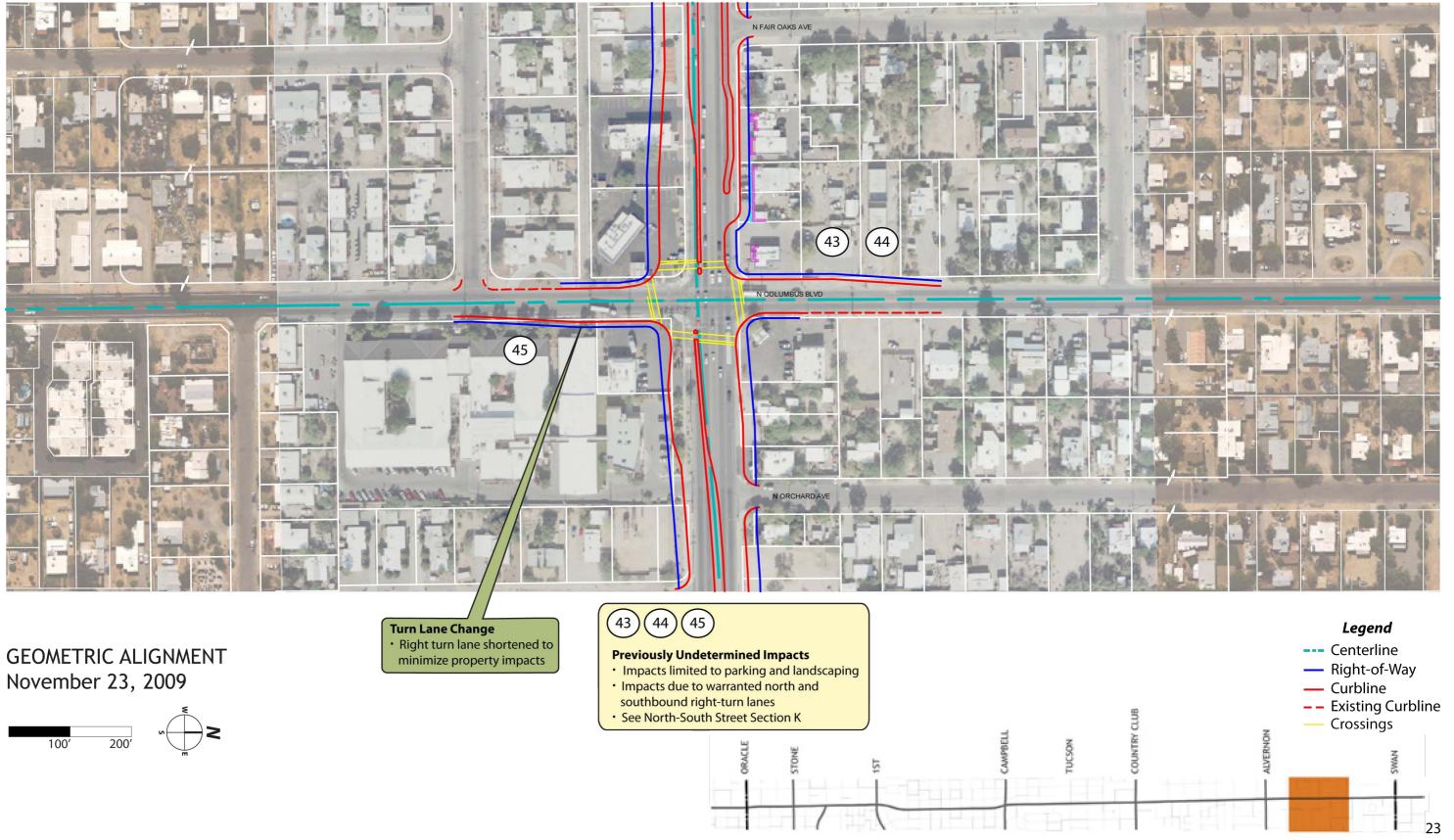


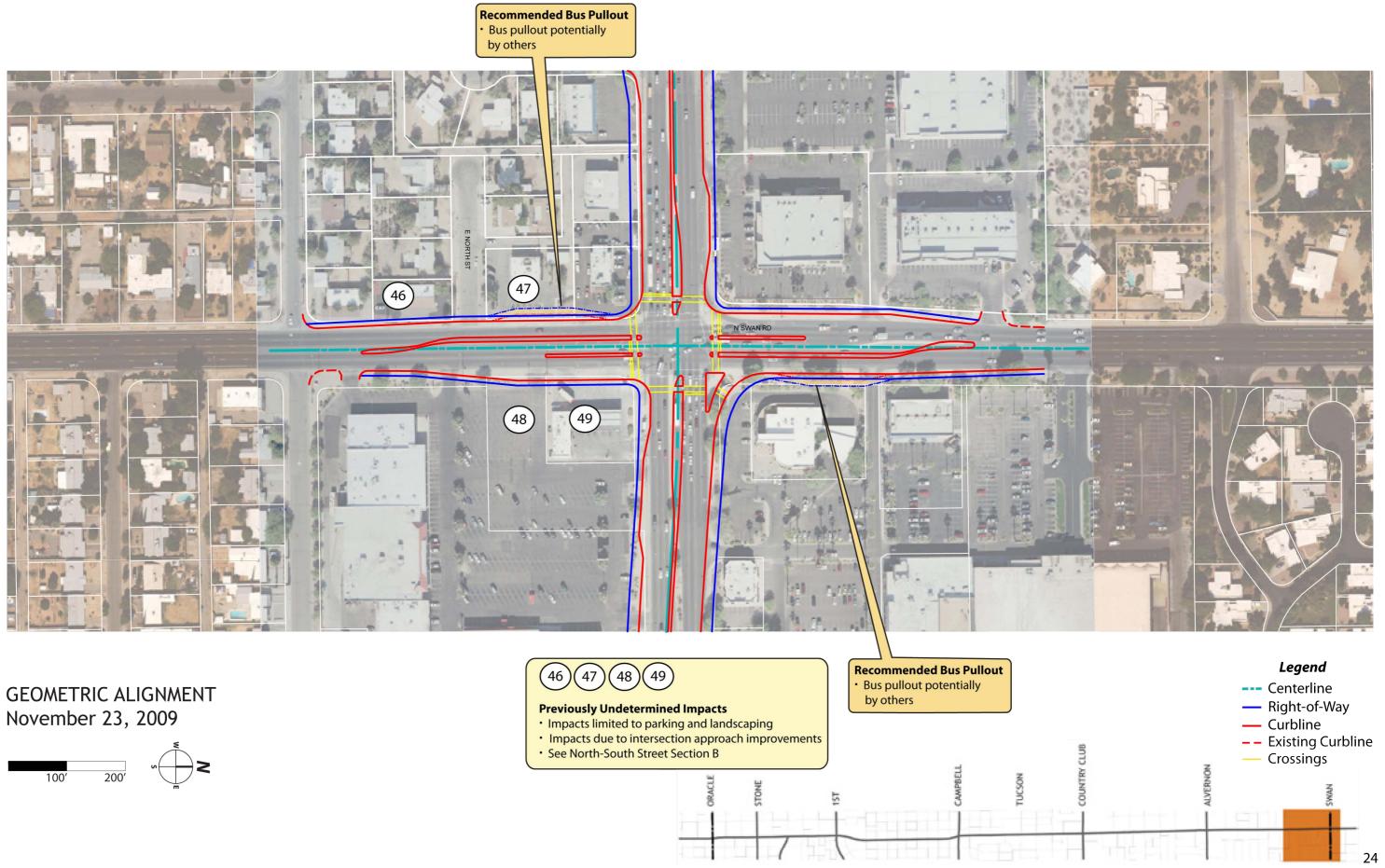






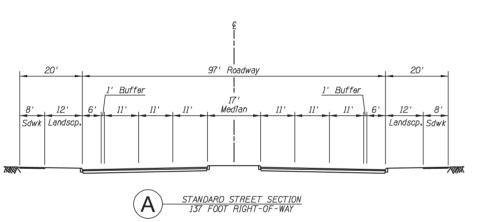






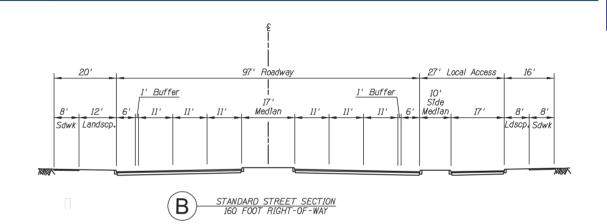






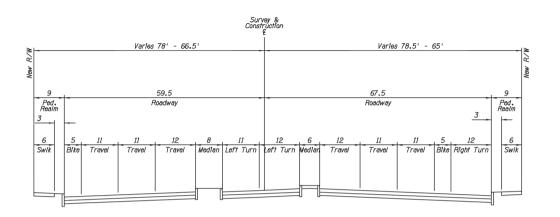
GRANT ROAD STREET SECTIONS

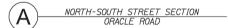
November 23, 2009

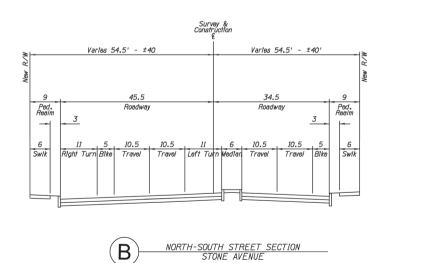


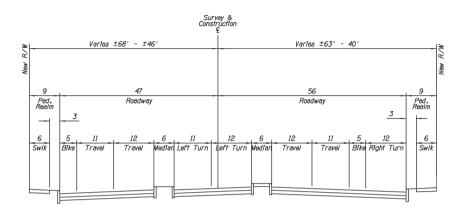




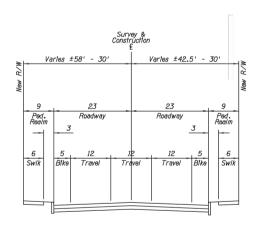


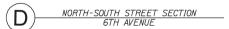


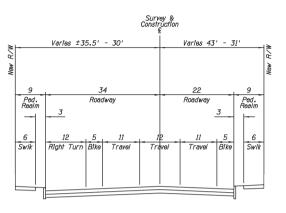




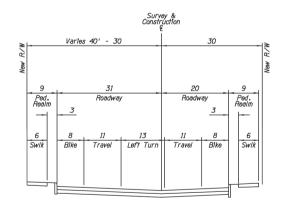














NORTH-SOUTH STREET SECTIONS

November 23, 2009





Survey & Construction

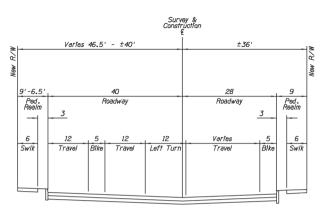
Varies 43' - 31

Roadway

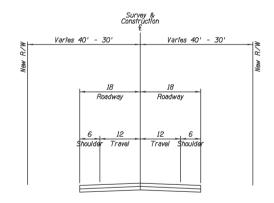
Varies 43' - 38

Right Turn Bike Travel

Ped. Realm







NORTH-SOUTH STREET SECTION
TREAT AVENUE / PALO VERDE BOULEVARD / DODGE BOULEVARD

