Welcome!

Thank you for attending tonight’s open house. The purpose of the meeting is to give you an opportunity to:

- Review the proposed design for the Linder and Deer Flat intersection.
- Give us your input.
Description

**Turn Lanes**
- Right turn lanes at intersection and into Reed Elementary & Kuna High School.
- Dual left turn lanes on southbound Linder Road.

**Access**
Controlled access on the north leg of Linder Road and the west leg of Deer Flat Road with raised curb.

**Sidewalk**
- Curb, gutter, and sidewalk at intersection.
- Sidewalk will extend to match existing sidewalks on the east leg of Linder Road and the south leg of Deer Flat Road.

PROJECT PURPOSE
- Improve safety.
- Increase capacity.
- Improve pedestrian connectivity.
Background

High Priority
Since 2010, the City of Kuna has identified the Linder Road/Deer Flat Road intersection as a high priority for improvements.

In 2014, this project was listed as a near-term need by COMPASS*

Federal Funding
ACHD received federal funding in 2012 to develop the concept design for this project.

High Crash Rate
This intersection has been on ACHD’s High Crash Location list due to its high crash rate. Minor improvements have been made in the past, but more are needed for the safety of all users - motorists, pedestrians and bicyclists.

Signalized Intersection Concept
Based on public opinion gathered in 2014, the ACHD Commission adopted Alternative 1 – Signalized Intersection in February 2015.

*Community Planning Association of Southwest Idaho
Time Line

2014
- Concept design & public outreach

2015
- ACHD Commission adopts Alternative 1 – Signalized Intersection
- Community invited to review and comment on design

2016
- Design begins

2018*
- Purchase right-of-way

2020+
- Construction

*In process of moving task from 2020 to 2018.
+New construction year.
Project Considerations

SAFETY FIRST!

Safety for pedestrians, bicyclists, and motorists

Pedestrian & bicyclist connectivity

Property & neighborhood impacts

Impacts to traffic flow

Reed Elementary & Kuna High schools
Traffic Volumes

The numbers below represent the approximate number of vehicles entering the Linder Road and Deer Flat Road intersection during the peak hours.

**Morning | 7-8 a.m.**
- **EXISTING**: 1,290 Vehicles/peak hour
- **2040 PROJECTIONS**: 2,300 Vehicles/peak hour

**Evening | 5-6 p.m.**
- **EXISTING**: 1,170 Vehicles/peak hour
- **2040 PROJECTIONS**: 2,500 Vehicles/peak hour
Crash History

Between 2009 and 2015, 34 intersection related crashes were reported.

53% Rear end
17% Left turn
15% Angle
9% Vehicle struck object
3% Collision with bike
3% Backed into

53% of crashes involved a driver 18 years of age or younger.
35% of crashes involved at least one injury.

Between 2009 and 2015, 34 intersection related crashes were reported.
Why control access?

Safety! Raised curb and other access management tools decrease the potential number of accidents for motorists, pedestrians and cyclists.

Reducing left turns increases safety

Approximately 72 percent of crashes at a driveway involve a left-turning vehicle. Reducing/eliminating left turns at driveways, combined with reduced conflict points enhances safety.*

Vehicle conflicts decrease

By adding a median or raised curb, conflicts decrease from 11 conflict points to 2 points.

*Federal Highway Administration's (FHWA) "Access in the Vicinity of Intersections" Technical Summary
What’s Next?

• ACHD will review and address the comments received from the public.

• Right-of-way purchases will begin in 2018* with construction in 2020.

Comments are due by December 1, 2016.

*In process of moving task from 2020 to 2018.

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Thank you for attending our open house!

All displays and handouts will be posted to ACHD’s website for review and comment.