Northwest Foothills Transportation Study

The Ada County Highway District Commission, on December 22, 2008, adopted the Northwest Foothills Transportation Study findings and recommendations.

Adoption of this study means that:

• The Commission supports future requirements for compliance with the roadway network, lane configuration map, and intersection configurations identified as part of this study. If land-use projections change dramatically in the future, amendments to the plan may be required.

• ACHD will require ROW dedication in accordance with lane configuration maps and/or the corridor preservation map.

• ACHD will require right-of-way improvements from development without compensation until a policy is adopted for an Extraordinary Impact Fee District for the project area.

“Special Notification” - Policy of ACHD Commission

Adopted as part of the Northwest Foothills Transportation Study

As instructed by the ACHD Commission during the December 22, 2008 Commission meeting

• Developers may be limited on their density of development if planned concepts materially change, assumptions in plans materially change, the BLM does not allow easements for road connections or State facility improvements do not materialize in the project area, due to lack of funding or other reasons.

• Consideration of design elements for pedestrian, bicycle, equestrian and wildlife will be included as roadway developments are submitted and specific alignments are considered.

• ACHD will proceed to consider an extraordinary impact fee district for the study area and identify projects for inclusion.

• A corridor preservation map that is consistent with the Northwest Foothills study findings is included in the final report.
## Table of Contents

**EXECUTIVE SUMMARY**
- Project Background ................................................................. I
- Agencies Involved in the Study .................................................. II
- Policy Coordination ................................................................. III
- Policy Decision # 1 Funding State Infrastructure Improvements is Essential .................................................... III
- Policy Decision #2 – Corridor Preservation is Vital ......................... III
- Policy Guidance – Include Transit Opportunities ................................ III
- Study Findings ........................................................................ IV
- Additional Needs ....................................................................... V
- Public Involvement ................................................................. V
- Existing Conditions Environmental Scan...................................... VI
- Roadway Network Evaluation ..................................................... VII
- Traffic Analysis ........................................................................ VIII
- DRAFT Extraordinary Impact Fee Area ....................................... XII
- Corridor Preservation ................................................................ XII

**SECTION 1 PROJECT BACKGROUND**
- Introduction ............................................................................... 1
- Purpose of the Northwest Foothills Study ..................................... 2
- Study Process ........................................................................... 3
- Other Studies Conducted in the Northwest Foothills Area .............. 4
- Agencies Involved in the Study .................................................. 5

**SECTION 2 PUBLIC INVOLVEMENT**
- Public Involvement Approach .................................................. 6
- Stakeholder Interviews .............................................................. 7
- Findings of the August 14, 2008 Open House ................................ 8
- Findings of the October 2, 2008 Open House ............................... 9
- Findings of the November 13, 2008 Open House ......................... 10
- Common Public Opinions for the Northwest Foothills .................. 10
- Transportation Study .............................................................. 10

**SECTION 3 ENVIRONMENTAL SCAN**
- Environmental Resources ......................................................... 11
- Resource Agency Coordination ................................................ 11
- Findings on Floodways or Floodplains ........................................ 12
- Findings on Rivers, Lakes, or Streams ........................................ 12
- Fish and Wildlife Habitat or Movement Corridor Findings ............. 13
- Migratory Bird Findings .......................................................... 14
- Findings on State and Federal Lands .......................................... 14
- Wetland Findings ................................................................. 15
- Findings on Threatened, Endangered, or Sensitive Species ........... 15
- Cultural Resource Findings ..................................................... 16
- Hazardous Materials ................................................................ 16
- Recommendations of the Environmental Scan ............................ 17

**SECTION 4 LAND USE PROJECTIONS AND FUTURE DENSITIES**
- Traffic Forecasting & Travel Demand Modeling ......................... 19
- Future Development Densities ................................................... 19
- Demographic Projections for Properties Without Development Plans ............................................................. 20
# Table of Figures

- Preferred Network Alternative Lane Configurations .......................................................................................................................... IX
- Preferred Network Alternative Intersection Configurations .................................................................................................................. X
- Preferred Network Alternative Intersection Operations ...................................................................................................................... XI
- Preferred Network Alternative Corridor Preservation Map .................................................................................................................. XIII
- Roadway Environmental Issues ................................................................................................................................................................. - 18 -
- All Roadway Network Alternatives Considered ........................................................................................................................................- 27 -
- Alternatives Evaluation Matrix ................................................................................................................................................................. - 28 -
- Alternatives Carried Forward ................................................................................................................................................................. - 30 -
- Existing Intersection and Lane Configurations ........................................................................................................................................ - 39 -
- Preferred Network Intersection Performance and Lane Configurations Table .......................................................................................... - 42 -
- Preferred Network Alternative Lane Configuration and Intersection Operation ................................................................................ - 43 -
- Preferred Network Alternative Intersection Operations Map ................................................................................................................ - 44 -
- Preferred Network Alternative Intersection Configurations Map ........................................................................................................ - 45 -
- Preferred Network Alternative Corridor Preservation Map ................................................................................................................ - 55 -

* Please note that all smaller maps in the report are also in the appendix at a greater scale