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of New Mexico

Intelligent Transportation Systems (ITS) Within the Albuquerque Metropolitan Planning Area (AMPA)
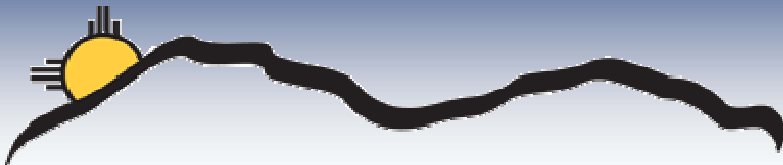
Nathan Masek, AICP
ITS Committee

What is ITS?

◆ ITS Defined:

Intelligent Transportation System (ITS) means electronics, communications, or information processing used singly or in combination to improve the efficiency or safety of a surface transportation system

◆ ITS Purpose:

➔ *Improved Flow, Safety, System Efficiency*

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Planning and Deployment in the AMPA:

- ◆ 2030 Metropolitan Transportation Plan (MTP), *ITS Element*
  - ◆ Identifies Regional ITS Priorities
  - ◆ Total $116 million
- ◆ Regional ITS Architecture
- ◆ ITS Projects in TIP
  - ◆ $44.4 million in ITS Projects
  - ◆ City of Albuquerque Municipal Development –Traffic Management System
  - ◆ ABQRide – Security, Dispatch, and Bus Stop improvements
  - ◆ NMDOT ITS Deployment – Freeway and Traffic Management Center

- ◆ *ITS Project Planning and Deployment Framework is in place*

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Who Gets to Decide?

◆ ITS Project Priorities are Determined By:
  ◆ Metropolitan Transportation Board (MTB)
◆ Recommendations Made By:
  ◆ Transportation Coordinating Committee (TCC)
  ◆ ITS Committee

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Intelligent Transportation System (ITS)

2030 Metropolitan Transportation Plan (MTP)

for the
Albuquerque Metropolitan Planning Area (AMPA)

AMPA ITS Priority Phasing
- Near Term (2015)
- Long Term (2030 MTP Horizon)
- Long Term, Unfunded

Recommended ITS Elements
- ★ Joint Operations Center
- ● Agency Operations Center
- ● Closed Circuit Television
- ■ Dynamic Message Sign
- ◉ Detector
- ■ Ice Sensor
- ● Roadway Weather Information Station
- ● Ramp Meter
- ● Signal Coordination
- ● Trailblazer
- ⋯ Fiber Ring
- ⬚ AMPA Boundary

0   2   4   8 Miles

N

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Map Prepared by
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