I-10 Bypass Study Follow Up

Tucson Metropolitan Area
DRAFT REPORT
October 16, 2008

Prepared for
Multimodal Planning Division
Prepared by
URS
History

• January 2008 - State Transportation Board accepted *I-10 Phoenix-Tucson Bypass Study Final Report*

• March 2008 – STB requested Follow-up Study
  – No action
  – Other improvements
  – Further study alternatives C-1, D-1, D-2, & H
Currently Programmed and Planned
No Action

- Tucson metro area is only metro area along I-10 without a loop/bypass
- Traffic volumes will exceed capacity
- Travel time increases
- Arterials become congested
- Peak periods extended
- Increased noise and air pollution
Other Actions Reviewed

• Parallel routes
• Phoenix to Tucson High Speed Rail
• Rail freight
• Increased cost of gasoline
Double Deck in Metro Area

- East of I-19 TI to Prince Road
  - 2 elevated lanes with shoulders
- Function as Express / HOV lanes
  - Limited access
- Higher cost
  - $700 to $900 million
- Additional Height, Noise, and Air Pollution
Potential Corridor

• Several routes studied in the *I-10 Phoenix-Tucson Bypass Study*
• Alternative route allows I-10 to serve interstate travel function
• Alternative route in case of severe blockage
• Consistent with State Planning Routes
  – SR 982 (Sahurita Road) and;
  – SR 989 (Sandario)
Potential Corridor
Questions??