

LEVEL 2a SCREENING



38 Preliminary Alternatives



Screened Against Study Goals

38 evaluation measures in four groups:

- Mobility (14)
- Environmental (13)
- Safety (7)
- Cost (4)

Rated on how well each alternative was able to achieve study goals

Level 2 Qualitative Rating System

Rating	Meaning	Score
++	Substantial positive effects	2
+	Some positive effects	1
0	Neutral effects	0
-	Some negative effects	-1
--	Substantial negative effects	-2

Scores Tallied



Grouped into Categories



PRIMARY ALTERNATIVES - have the potential to substantially address the study goals as stand-alone alternatives

Highway Build

- Main Lane Widening
- Collector/Distributor Roads
- Interchange Improvements

I-30 Bridge

- I-30 Arkansas River Bridge Replacement

COMPLEMENTARY ALTERNATIVES - address the study goals when combined with the Primary Alternatives

Highway Build

- Main Lane Pavement Rehabilitation
- Auxiliary Lanes
- Frontage Road Improvements
- Intersection Improvements
- Ramp Consolidation/Elimination
- Roadway Shoulder Improvements
- Horizontal/Vertical Curve Improvements
- Bottleneck Removal

Congestion Management

- Information Systems/Advanced Traveler Information
- Ramp Metering
- Travel Demand Management
- Transportation System Management
- Wayfinding/Signage
- Arterial Improvements

Other Modes

- Arterial Bus Transit
- I-30 Express Bus Transit
- Bus on Shoulder

Non-Recurring Congestion Management

- Crash Investigation Sites
- Roadside/Motorist Assist Enhancements
- Improvements to Detour Routes
- Variable Speed Limits
- Queue Warning

Arterial Bus Lanes

- Arterial Bus Rapid Transits
- Bicycle/Pedestrian

ALTERNATIVES SCREENED OUT - did not adequately address the study goals

- Bypass Route
- I-30 Arkansas River Bridge Rehabilitation
- Commuter Rail
- Light Rail
- Managed Lanes
- Reversible Lanes
- Hard Shoulder Running
- Land Use Policy