PROJECT BACKGROUND

» Six intersections along Amity Road were looked at as part of the Ada County Roundabout Study.

» Ten Mile & Amity was one of four intersections identified as a viable location for a roundabout because:

• Amity Road corridor is frequently used as a parallel access to Interstate 84.

• A roundabout will increase traffic flow & improve safety.

• It is close in proximity to the Idaho Transportation Department’s future Ten Mile Interchange (currently scheduled for construction in 2009/2010).

• A roundabout will accommodate projected growth in the area.

» June 2007 - A public open house was held to share study information and conceptual plans for a roundabout at Ten Mile & Amity.

» January 2008 - ACHD Commissioners adopted the recommendations from the “Ada County Roundabout Study: Amity Road Intersections.”
PROJECT
DESCRIPTION & FEATURES

• Single lane roundabout with option for expansion to 2 lanes in the future

• 12-14 foot wide travel lanes

• 5 foot gravel shoulder

• 20 mph advisory speed limit through roundabout

• Large trucks/vehicles may use “truck apron” around perimeter of roundabout if needed

• Center portion will include colored, patterned concrete
ROUNDABOUT SAFETY

Roundabouts can significantly reduce most accidents at intersections -- right angle and head-on collisions.

STUDIES HAVE SHOWN
ROUNDABOUTS HAVE:

- 48% fewer accidents than signalized intersections
- 77% fewer injury crashes than signalized intersections
- Fewer vehicle conflict points than a “traditional” intersection

*Statistics from the National Cooperative Highway Research Program.
PROJECT DESIGN

P/L = Property Line
R/W = Right-of-Way
EG = Edge of Gravel
EP = Edge of Pavement
X = Fencing
F/O = Fiber Optics

Note: Preliminary project design.
HOW TO USE A ROUNDBOUT

IF YOU ARE DRIVING

• Slow down
• Yield to pedestrians & motorists already in roundabout
• Once in the roundabout, you have the right-of-way

IF YOU ARE CYCLING

• Use the traffic lane
• Obey the same rules as vehicles
NEXT STEPS

Thursday, April 2nd, 2009
• Written public comments due

Spring 2009
• Public input will be compiled and will help in further refining the roundabout design

• Finalize preliminary plans for roundabout

2010-2011
• Design will be finalized

• Based on the currently adopted 2009-2013 ACHD Five-Year Work Plan*:
  » Right-of-way: 2010
  » Construction: 2011

*Years are subject to change based on the ACHD Commission’s adoption of the 2010-2014 Five-Year Work Plan.