

RETAIN TOLL FREE RAMPS TO SR 1 BRIDGE ALL ALTERNATIVES

301 US 301 Project Development



Description

- Retain Southbound SR 1 off-ramp to Lorewood Grove Road at current location (no change)
- Relocate on-ramp from US 13 to northbound SR 1, approximately 3000' to south

Advantages

- Improve merge between toll free ramp and SR 1. The long northbound down grade on the toll free ramp allows vehicles ample distance to accelerate
- Better balance of traffic lanes, volumes and speeds between SR 1 Highway Speed EZ Pass, Cash/NB Toll Free Ramp and new US 301 lanes
- US 301 joins SR 1 as a lane addition, rather than merging into an existing lane

Disadvantages

- Concern about the length of the left turn lane from northbound US 13 to northbound SR 1.
- Reduces EZ Pass to 1 lane (volumes show this OK)
- Poor level of service (D/E) where cash lanes and toll free northbound on-ramp traffic merge into one lane

PROJECT TEAM RECOMMENDATION

- Incorporate into all Alternatives - will operate for short- and mid-term, but long-term safety of the northbound toll free on-ramp to SR 1 may require changes in the future

