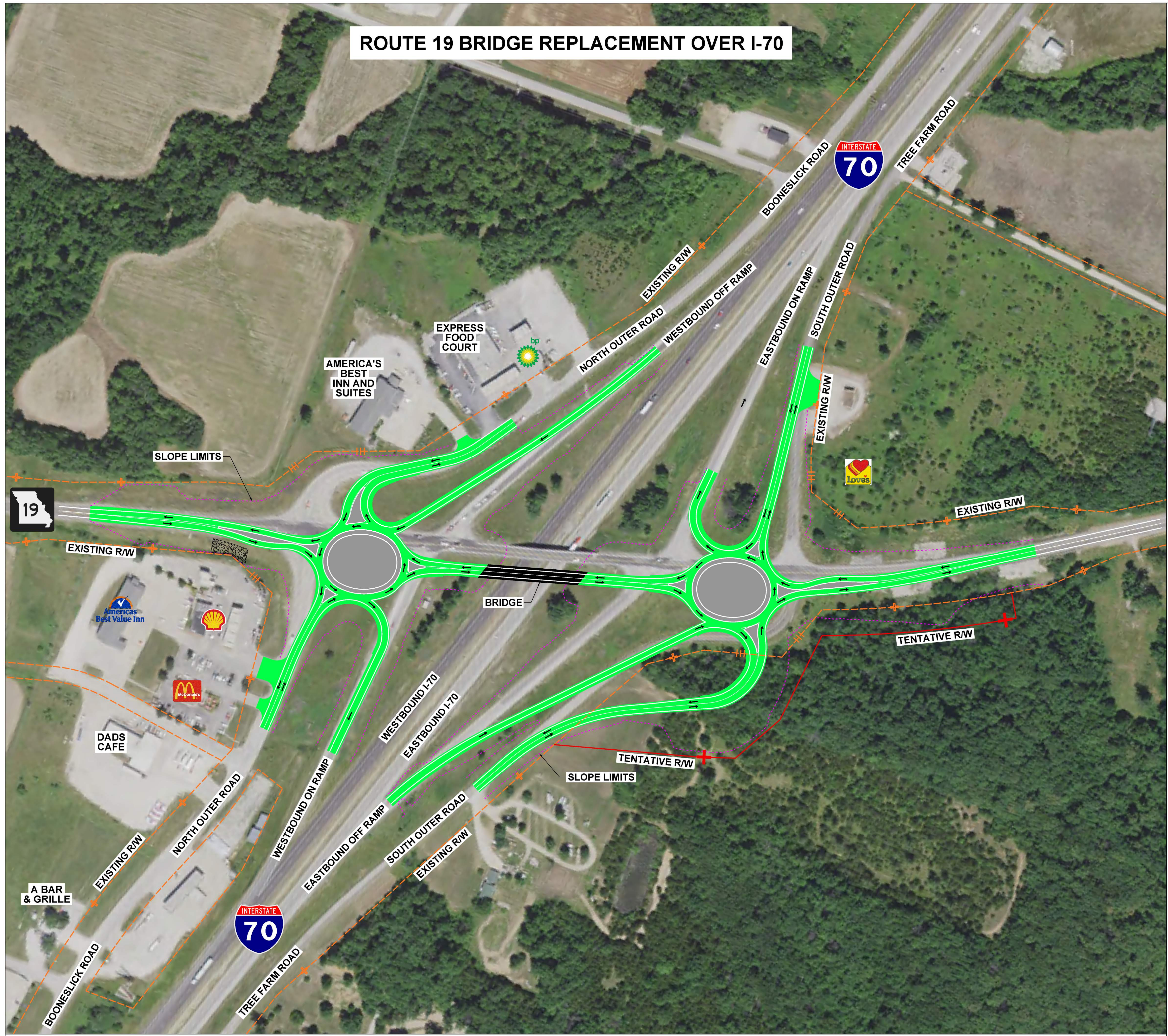


# ROUTE 19 BRIDGE REPLACEMENT OVER I-70



## RECOMMENDED GREEN OPTION

REALIGN ROUTE 19 TO THE WEST WITH DUAL 6-LEG ROUNDABOUTS  
 COST: \$9.72 Million

- DESCRIPTION OF IMPROVEMENTS:**
- REALIGN ROUTE 19 TO THE WEST
  - CONSTRUCT 6-LEG ROUNDABOUT AT WESTBOUND I-70 RAMPS AND NORTH OUTER ROAD (BOONESLICK ROAD)
  - CONSTRUCT 6-LEG ROUNDABOUT AT EASTBOUND I-70 RAMPS AND SOUTH OUTER ROAD (TREE FARM ROAD)
  - 36' WIDE BRIDGE TO PROVIDE TWO TRAFFIC LANES

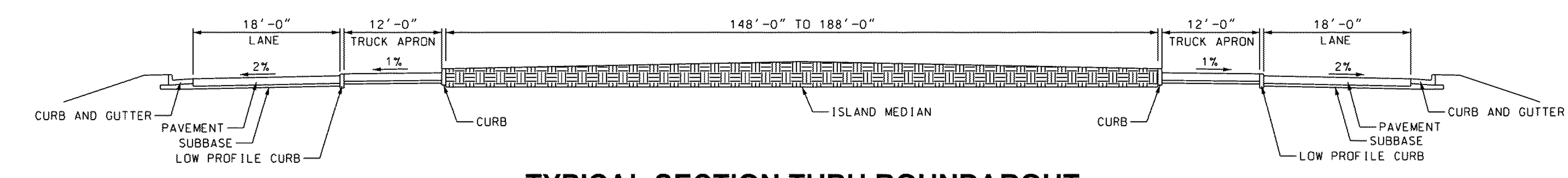
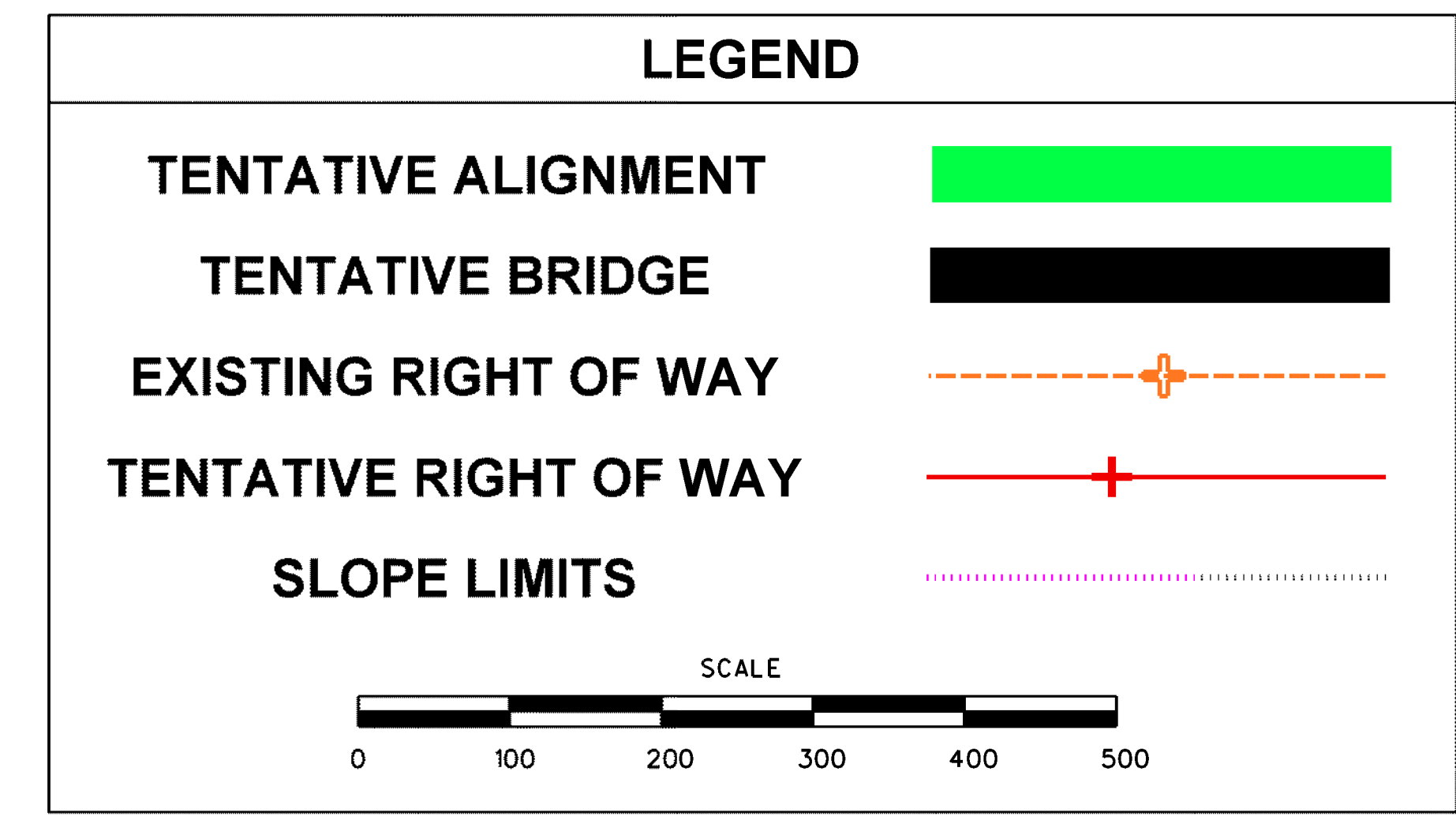
- ADVANTAGES:**
- FREE FLOWING TRAFFIC THROUGH INTERCHANGE
  - SECOND LOWEST COST
  - NO TURN LANE REQUIRED ON BRIDGE = NARROWER / MORE ECONOMICAL BRIDGE
  - ELIMINATES TRAFFIC SIGNAL = NO TRAFFIC SIGNALS TO MAINTAIN
  - HIGHEST PREDICTED CRASH REDUCTION DESIGN
  - ROUNDABOUTS DECREASE PROBABILITY AND SEVERITY OF CRASHES
  - ELIMINATES TWO INTERSECTIONS
  - LEAST AMOUNT OF RIGHT OF WAY ACQUISITION
  - MINIMAL ENVIRONMENTAL IMPACTS

- DISADVANTAGES:**
- LEARNING CURVE FOR DRIVERS TO BECOME FAMILIAR WITH 6-LEG ROUNDABOUTS

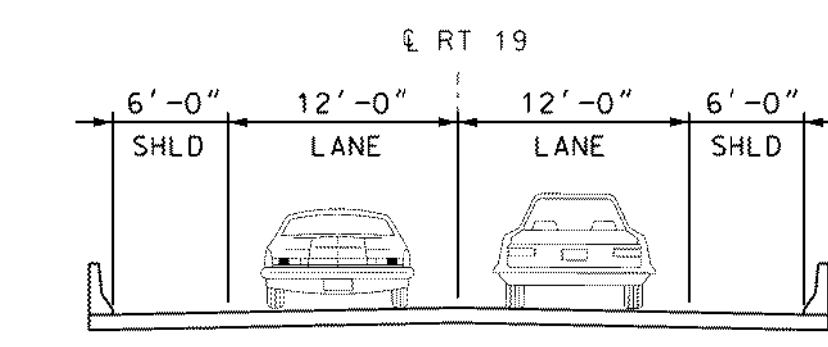
### INTERSECTION PERFORMANCE

A TO F GRADING SCALE (A=EXCELLENT; D=ACCEPTABLE; F=FAILURE)

INTERSECTION	CURRENT (2021)	FUTURE (2041)
6-LEG NORTH ROUNDABOUT	B	C
6-LEG SOUTH ROUNDABOUT	A	B



TYPICAL SECTION THRU ROUNDABOUT (NOT TO SCALE)



TYPICAL SECTION ON BRIDGE (NOT TO SCALE)