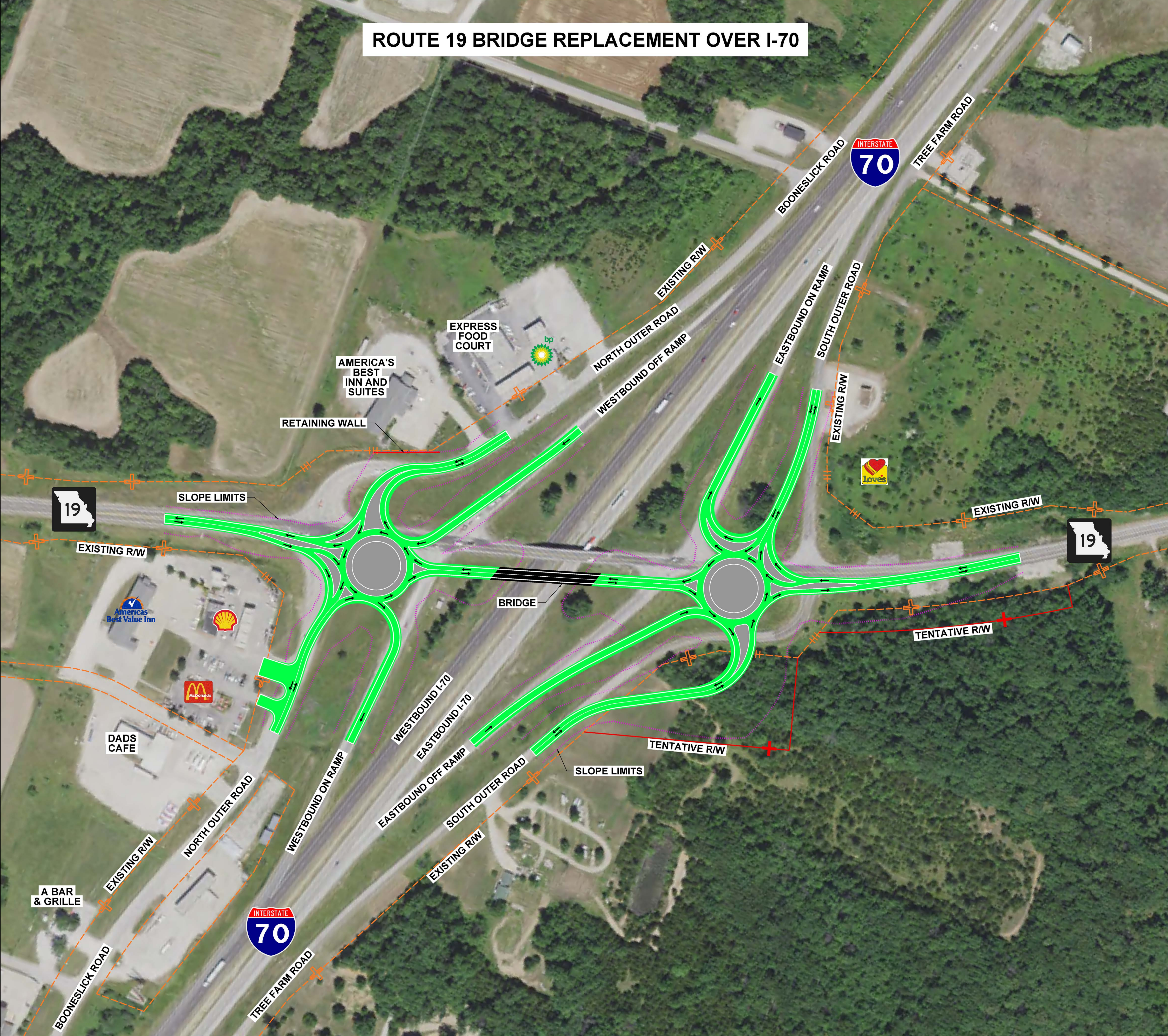


ROUTE 19 BRIDGE REPLACEMENT OVER I-70



RECOMMENDED
GREEN OPTION

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

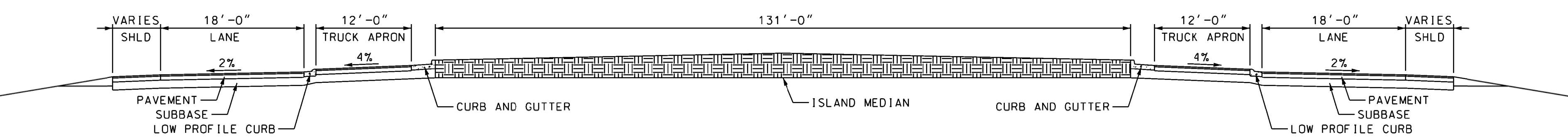
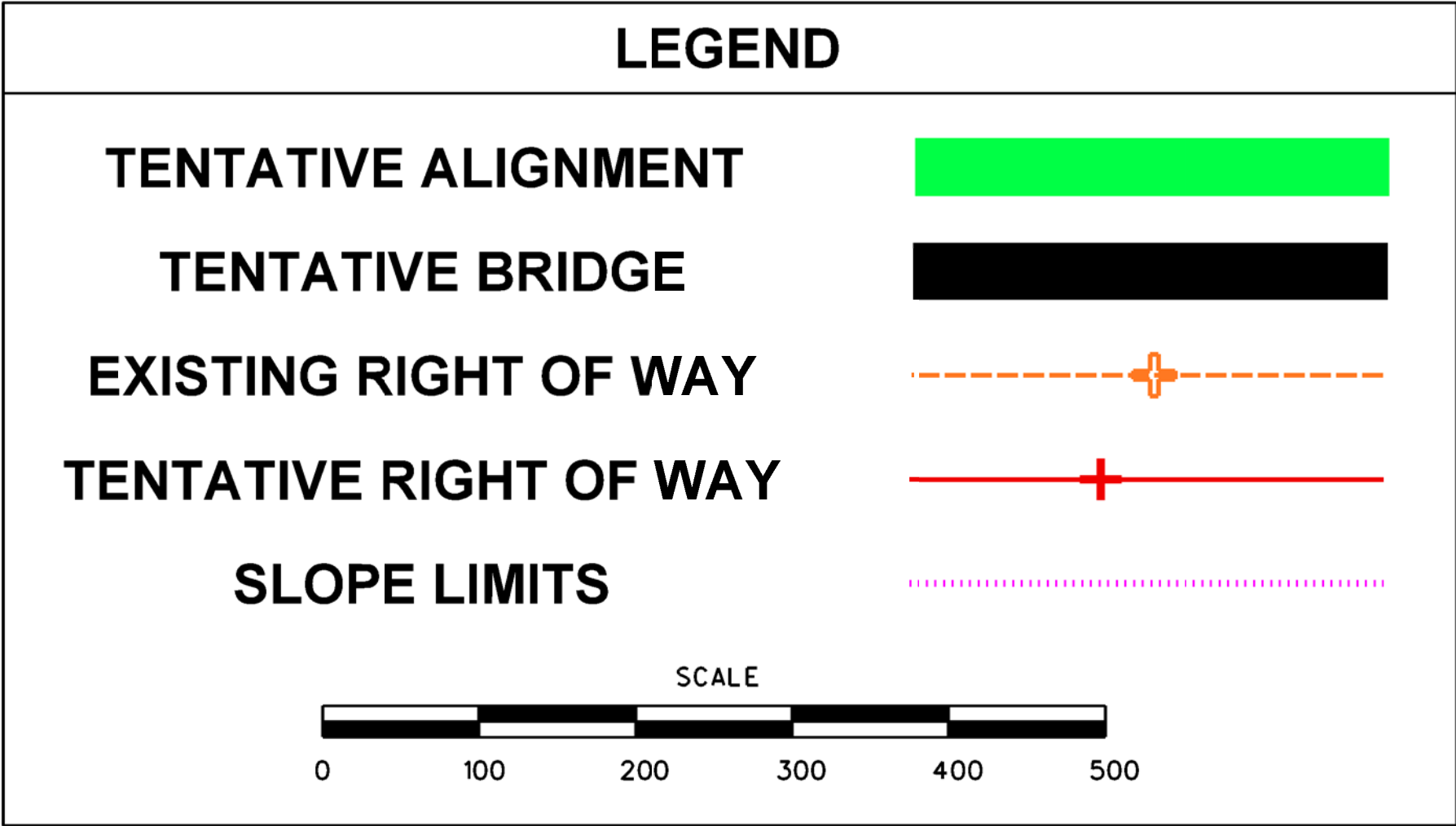
- DESCRIPTION OF IMPROVEMENTS:
- REALIGN ROUTE 19 TO THE WEST
 - CONSTRUCT 6-LEG ROUNDABOUT AT WESTBOUND I-70 RAMPS AND NORTH OUTER ROAD (BOONESLICK ROAD)
 - CONSTRUCT 6-LEG ROUNDABOUT AT EASTBOUND I-70 RAMPS AND SOUTH OUTER ROAD (TREE FARM ROAD)
 - 36' WIDE BRIDGE TO PROVIDE TWO TRAFFIC LANES

- 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

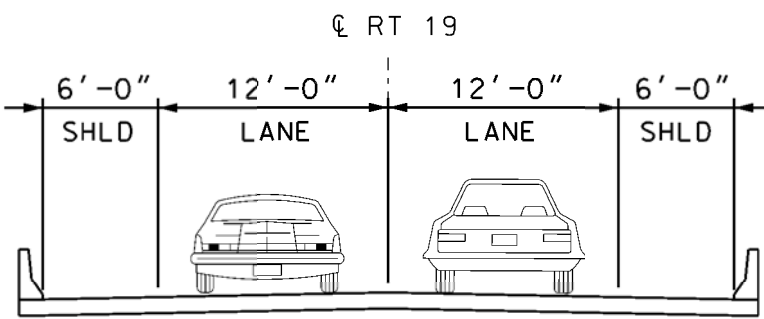
- DISADVANTAGES:
- LEARNING CURVE FOR DRIVERS TO BECOME FAMILIAR WITH 6-LEG ROUNDABOUTS

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)