



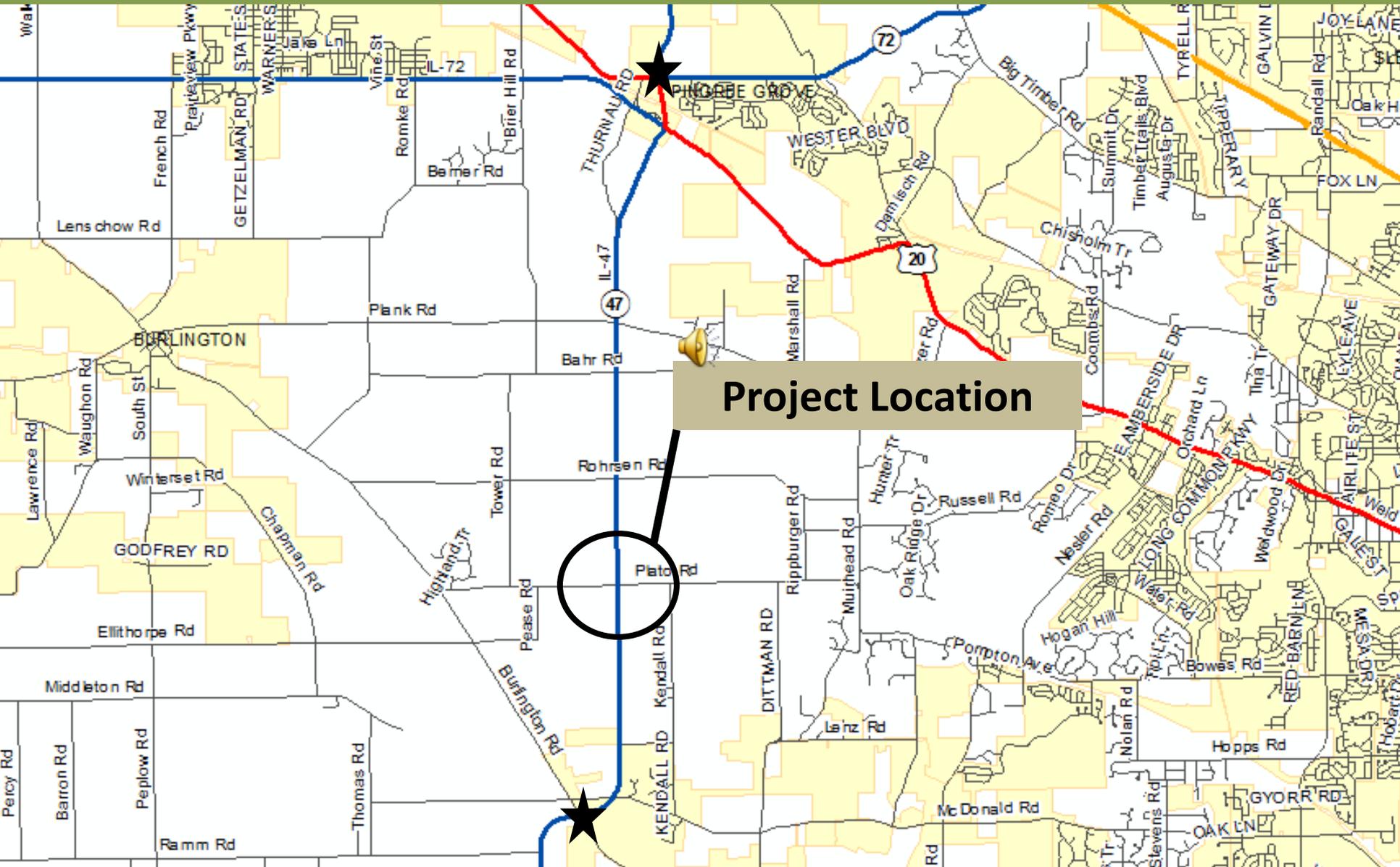
ILLINOIS ROUTE 47 at PLATO ROAD INTERSECTION IMPROVEMENT

Public Meeting
December 10, 2013



PROJECT LOCATION

Illinois Route 47 at Plato Road



EXISTING CONDITIONS-SAFETY

Illinois Route 47 at Plato Road





EXISTING CONDITIONS-TRAFFIC

Illinois Route 47 at Plato Road



Project Purpose

- Improve Safety and Operations

Transportation Need

- Safety
 - Rear End and Angle Crashes
 - Injuries
 - Fatalities
- Operations
 - Travel Times



ALTERNATIVES CONSIDERED

Illinois Route 47 at Plato Road

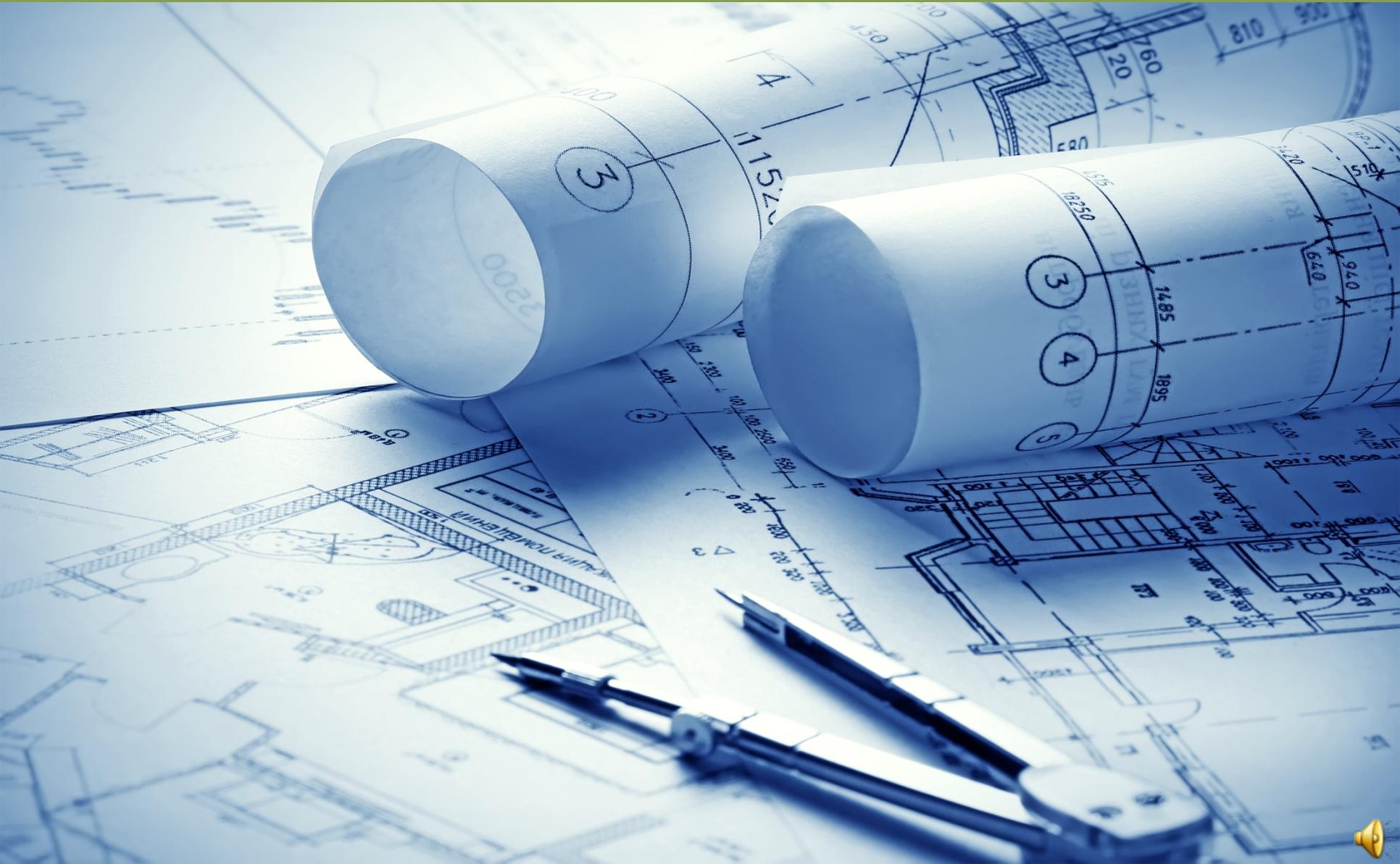
- ~~No Build/Do Nothing~~
- ~~Traffic Signal Installation~~
 - Safety issues not addressed
 - Intersection delay will increase
- ~~Modern Roundabout~~
 - Overall, not effective





PROPOSED SCOPE OF WORK

Illinois Route 47 at Plato Road

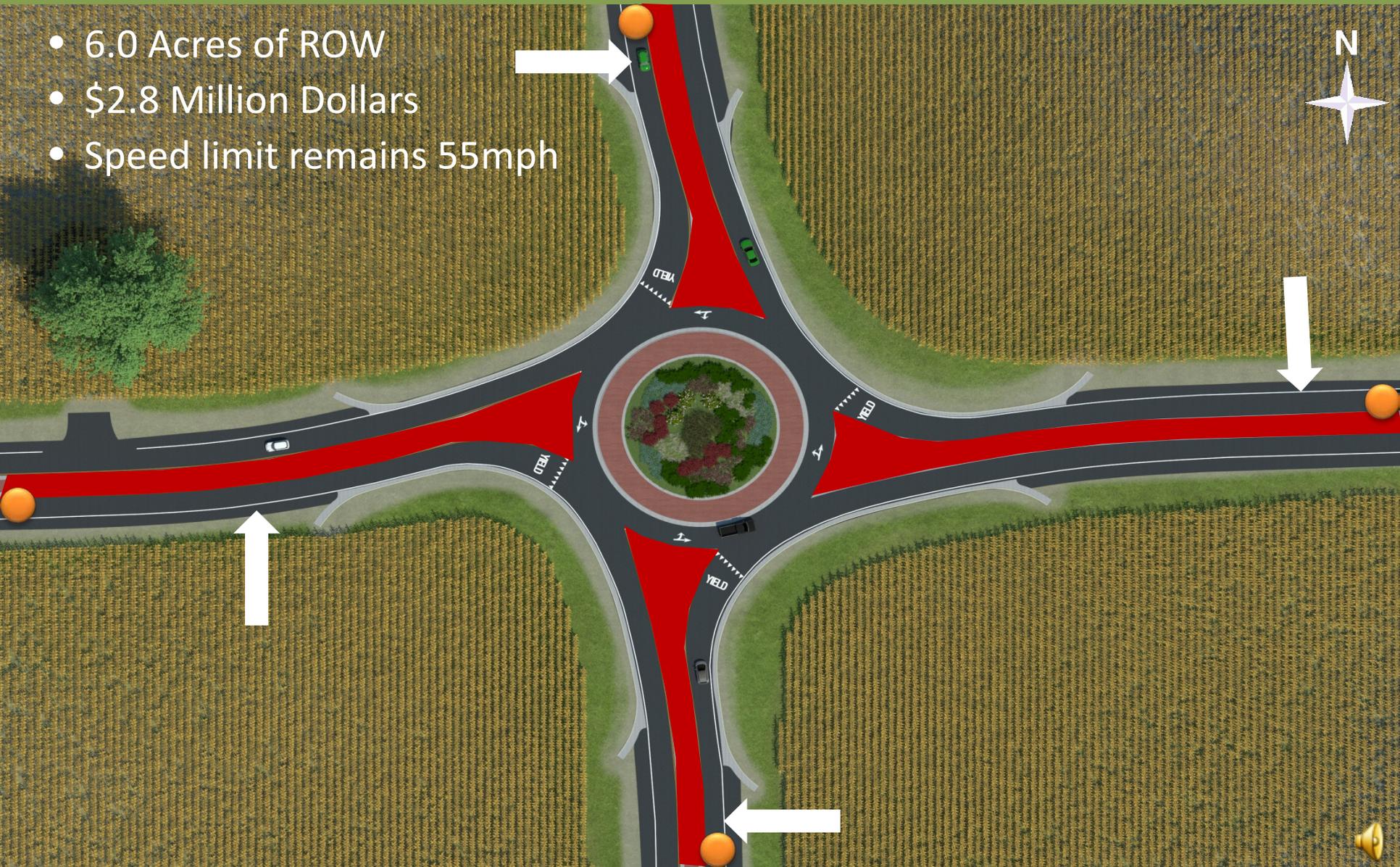


PROPOSED SCOPE OF WORK

ALTERNATIVE 2: MODERN ROUNDABOUT

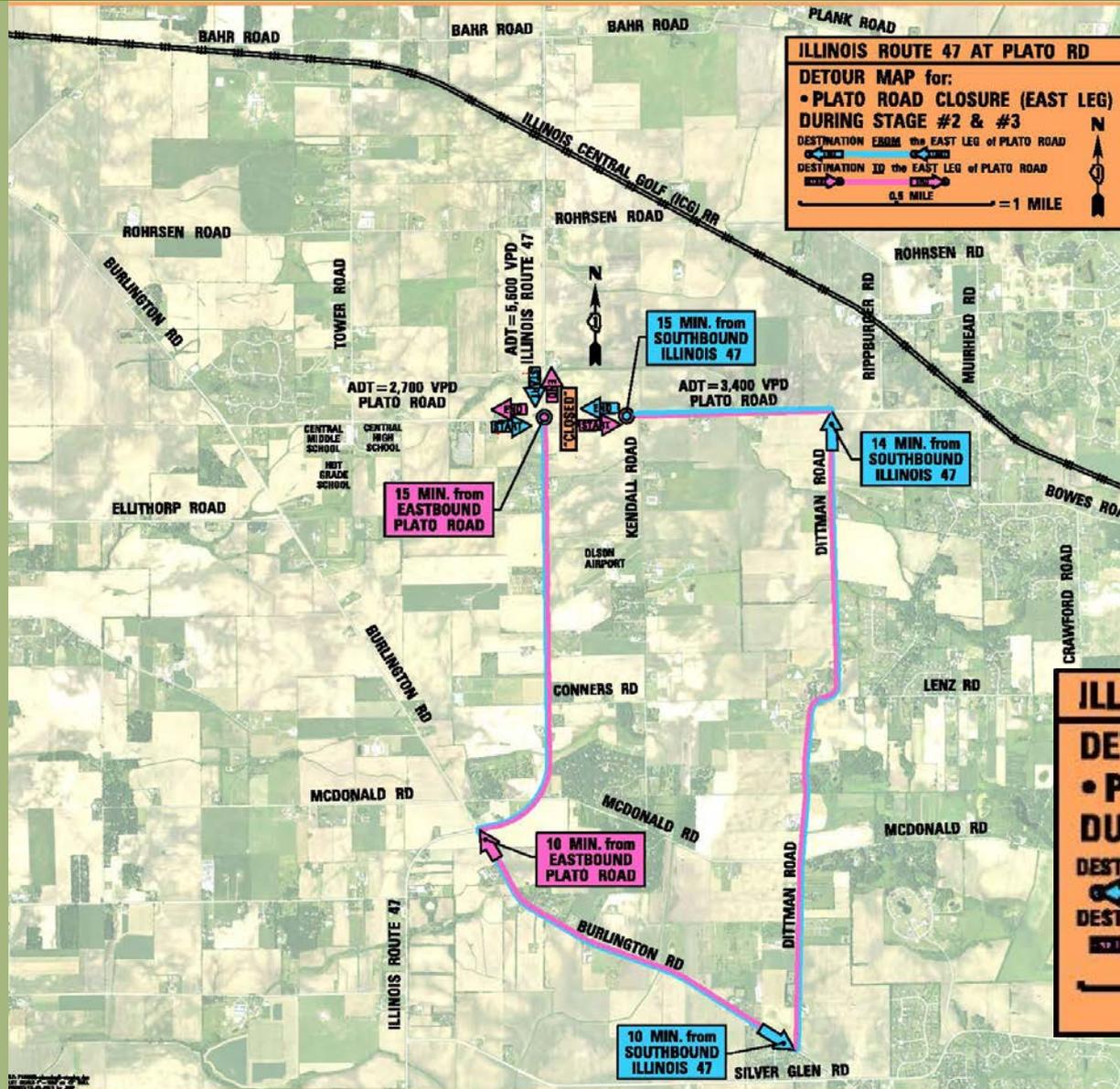
Illinois Route 47 at Plato Road

- 6.0 Acres of ROW
- \$2.8 Million Dollars
- Speed limit remains 55mph



CONSTRUCTION DETOUR

Illinois Route 47 at Plato Road



ILLINOIS ROUTE 47 AT PLATO RD
DETOUR MAP for:
• PLATO ROAD CLOSURE (EAST LEG)
DURING STAGE #2 & #3

DESTINATION FROM the EAST LEG of PLATO ROAD
DESTINATION TO the EAST LEG of PLATO ROAD

0.5 MILE = 1 MILE

ALTERNATIVE COMPARISON

Illinois Route 47 at Plato Road

	SIGNAL	ROUNDBABOUT	NO BUILD
Right Of Way Impact	5.2 Acres	6.0 Acres	N/A
Level of Service (Opening Day)	A (AM) / A (PM)	B (AM) / B (PM)	C (AM) / C (PM)
Construction Cost	± \$2.6 M	± \$2.8 M	\$0
Safety Improved	Yes	Yes	No
Construction Traffic	Staging and Detour	Staging and Detour	N/A
Driver Familiarity	Common in Illinois	New to Illinois	N/A



