

SEPTEMBER 19, 2016

JASON SOUDEN, PE

VAL RACICH, PE



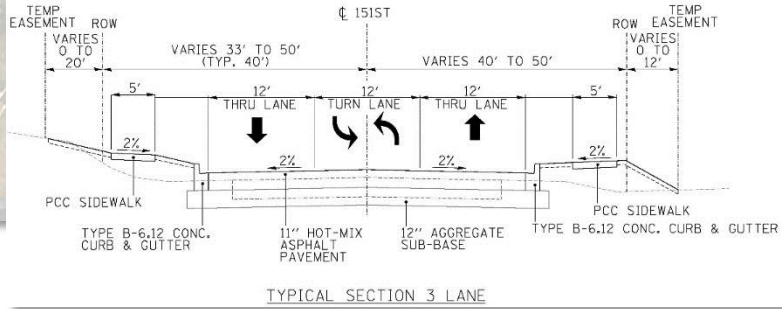
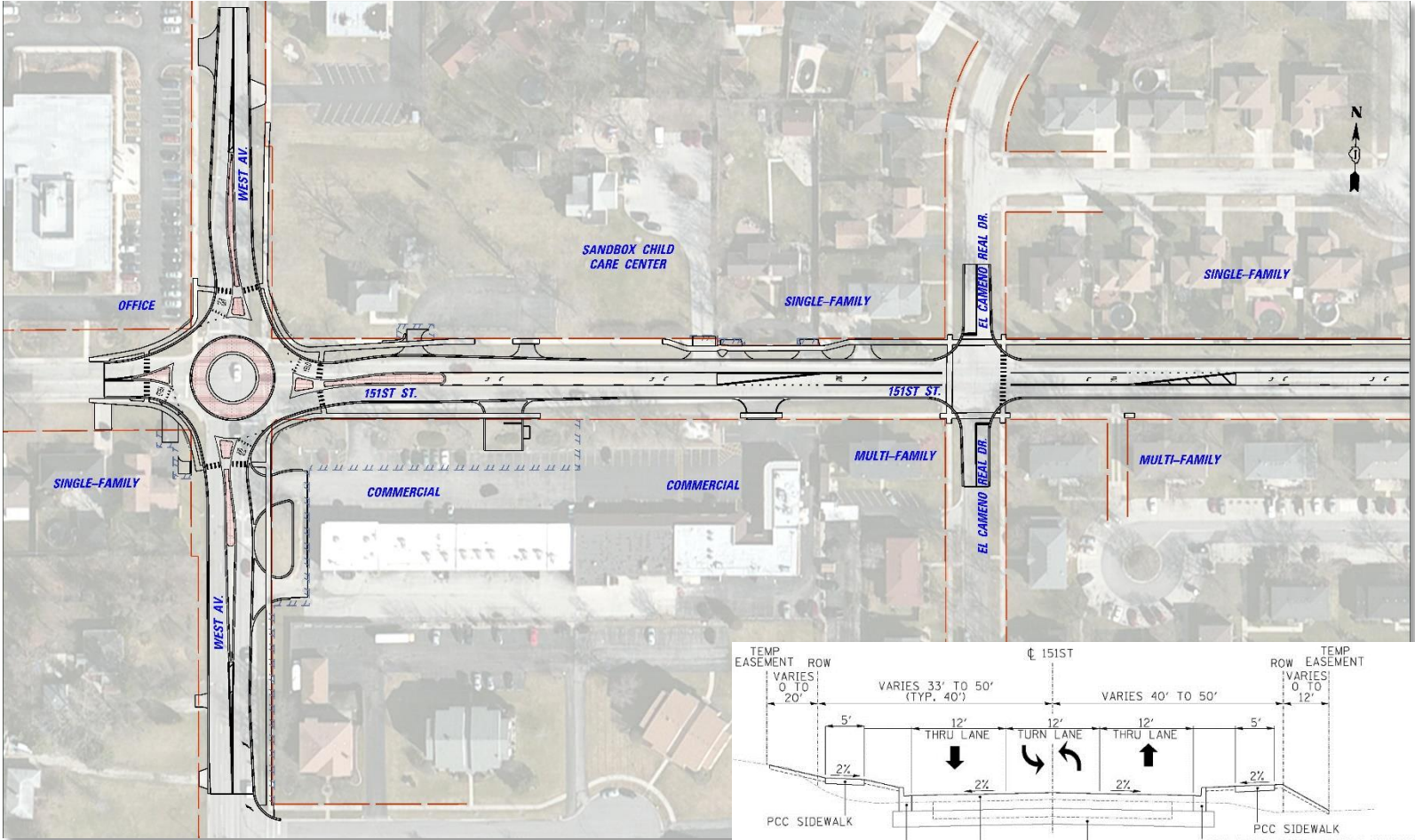
151st STREET & WEST AVENUE

PROPOSED ROUNDABOUT

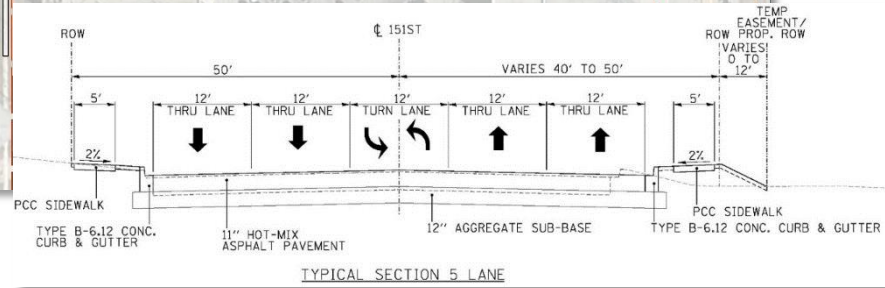
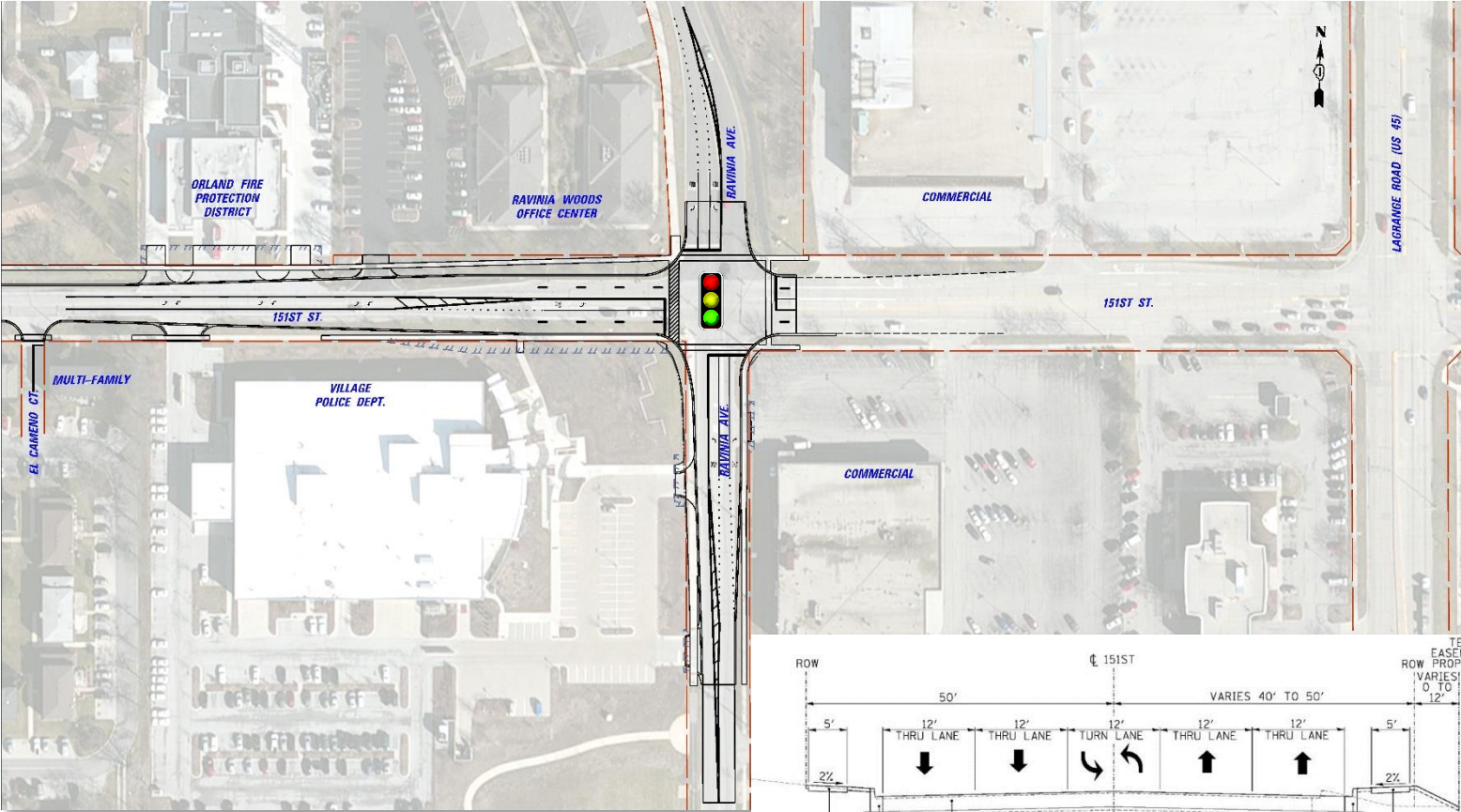
PROJECT HISTORY

- ❑ **PROJECT WAS ORIGINALLY INITIATED IN 2004 (151ST STREET FROM WEST AVENUE TO LAGRANGE ROAD)**
- ❑ **PROJECT WAS PAUSED DURING IDOT'S RECONSTRUCTION OF LAGRANGE ROAD (AND SEVERAL BLOCKS OF 151ST STREET)**
- ❑ **IN 2013 THE VILLAGE WAS AUTHORIZED TO UTILIZE FEDERAL STP FUNDS FOR CONSTRUCTION**
- ❑ **TO UTILIZE STP FUNDS, DESIGN APPROVAL BY IDOT IS REQUIRED**
- ❑ **IN 2014 PUBLIC WORKS REPAIRED 151ST WITH AN ASPHALT OVERLAY**
- ❑ **VILLAGE HIRED CBEL TO COMPLETE A PHASE I STUDY FOR A ROUNDABOUT AT WEST AVENUE IN APRIL, 2015**
- ❑ **IDOT PHASE I DESIGN APPROVAL FOR A 3-LANE ROADWAY (5 LANES AND NEW SIGNALS AT RAVINIA) AND EXISTING STOP CONTROLLED INTERSECTION WAS RECEIVED ON SEPT. 1, 2015**
- ❑ **ONCE ROUNDABOUT PHASE I IS APPROVED BY IDOT (NOVEMBER 2016) CBEL WILL COMBINE THE ROUNDABOUT WITH THE OTHER 151ST IMPROVEMENTS TO RAVINIA AVENUE INTO ONE SET OF CONTRACT DOCUMENTS**
- ❑ **TARGET LETTING IS JANUARY 2018**

151ST - WEST AVE TO EL CAMINO REAL DR



151st AT RAVINIA AVENUE



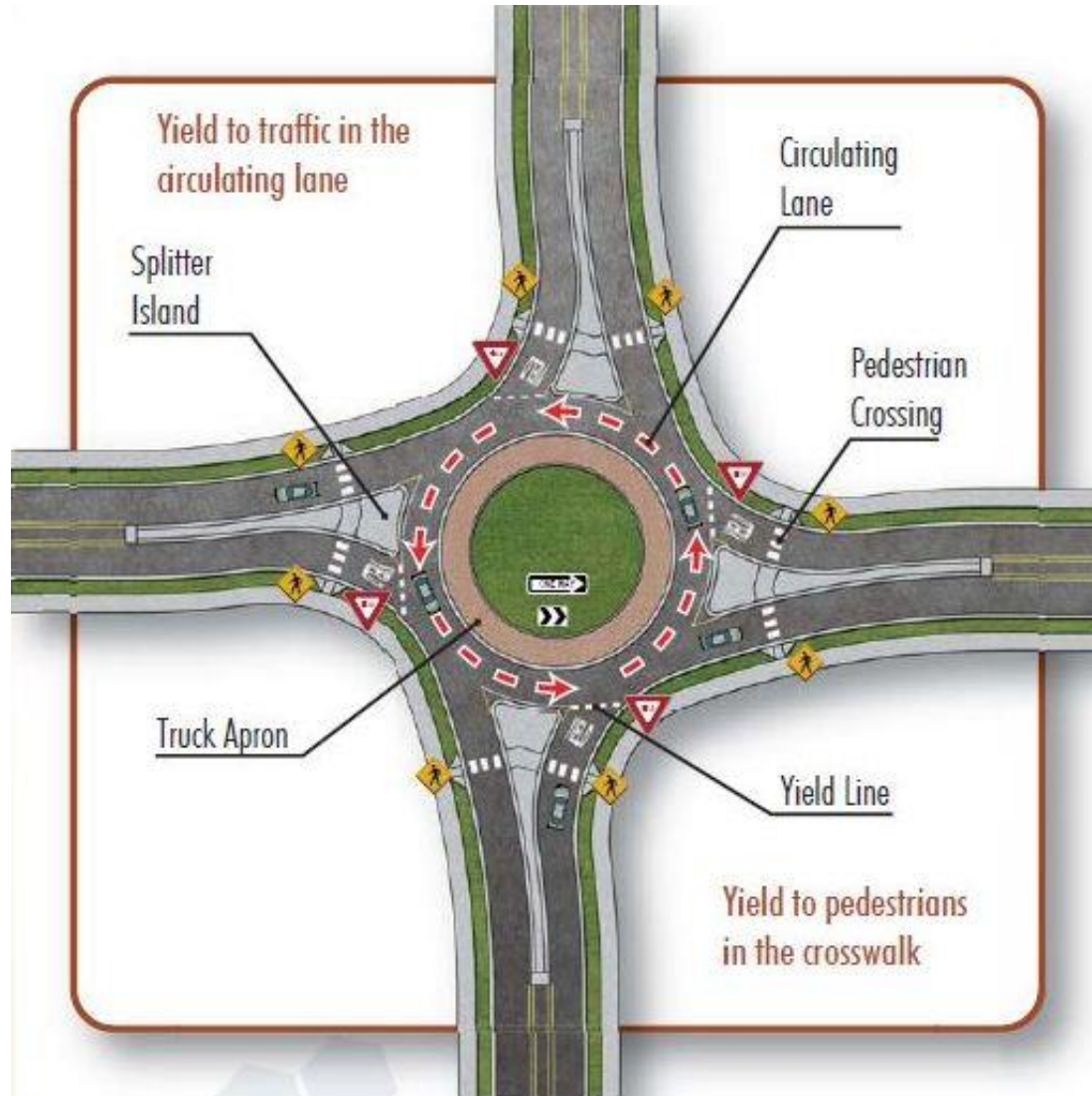
ROUNDBOUT IMPLEMENTATION

United States	2,400
Wisconsin	269
Indiana	86
Illinois	9

FHWA Goal is 1,000
Constructed per Year



MODERN ROUNDABOUT FEATURES



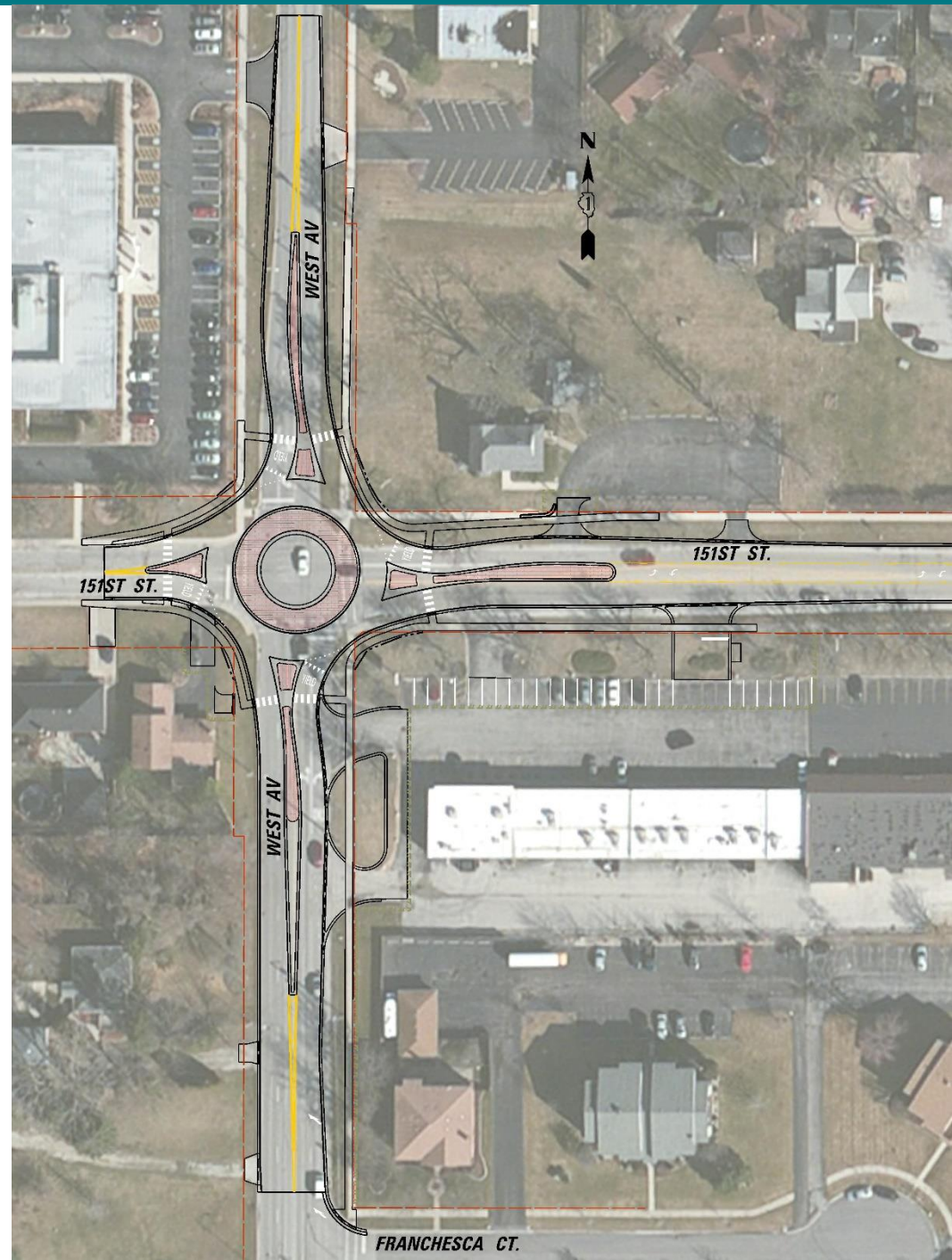
MODERN ROUNDAABOUT

PROS:

- Improves Traffic Flow (average vehicle delay drops from today's 73 seconds, to 12 seconds)
- Reduce Noise, Fuel Consumption and Air Pollution
- Improves Safety
- Accommodates all Vehicle Traffic

CONS:

- Large Footprint (Requires ROW)
- Initial Cost



COST ESTIMATE

TOTAL ESTIMATED CONSTRUCTION COST =	\$5,800,000.00
FEDERAL PARTICIPATION	\$2,600,000.00
VILLAGE SHARE	\$3,200,000.00

Cost Estimate is for the entire 151st Street Project including the roundabout construction.

QUESTIONS
