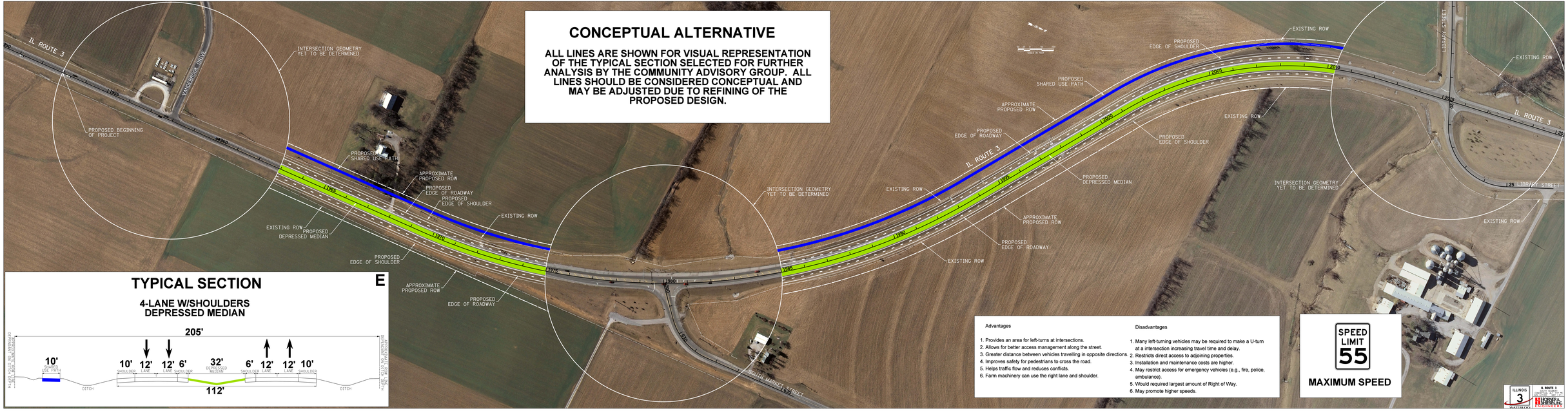

CONCEPTUAL ALTERNATIVE

ALL LINES ARE SHOWN FOR VISUAL REPRESENTATION OF THE TYPICAL SECTION SELECTED FOR FURTHER ANALYSIS BY THE COMMUNITY ADVISORY GROUP. ALL LINES SHOULD BE CONSIDERED CONCEPTUAL AND MAY BE ADJUSTED DUE TO REFINING OF THE PROPOSED DESIGN.

TYPICAL SECTION

E

4-LANE W/SHOULDERS DEPRESSED MEDIAN

Advantages

1. Provides an area for left-turns at intersections.
2. Allows for better access management along the street.
3. Greater distance between vehicles travelling in opposite directions.
4. Improves safety for pedestrians to cross the road.
5. Helps traffic flow and reduces conflicts.
6. Farm machinery can use the right lane and shoulder.

Disadvantages

1. Many left-turning vehicles may be required to make a U-turn at a intersection increasing travel time and delay.
2. Restricts direct access to adjoining properties.
3. Installation and maintenance costs are higher.
4. May restrict access for emergency vehicles (e.g., fire, police, ambulance).
5. Would required largest amount of Right of Way.
6. May promote higher speeds.

SPEED LIMIT 55

MAXIMUM SPEED

ILLINOIS 3 WATERLOO

IL ROUTE 3 CONCEPTUAL ALTERNATIVE

HORNER & SHIFRIN ENGINEERING