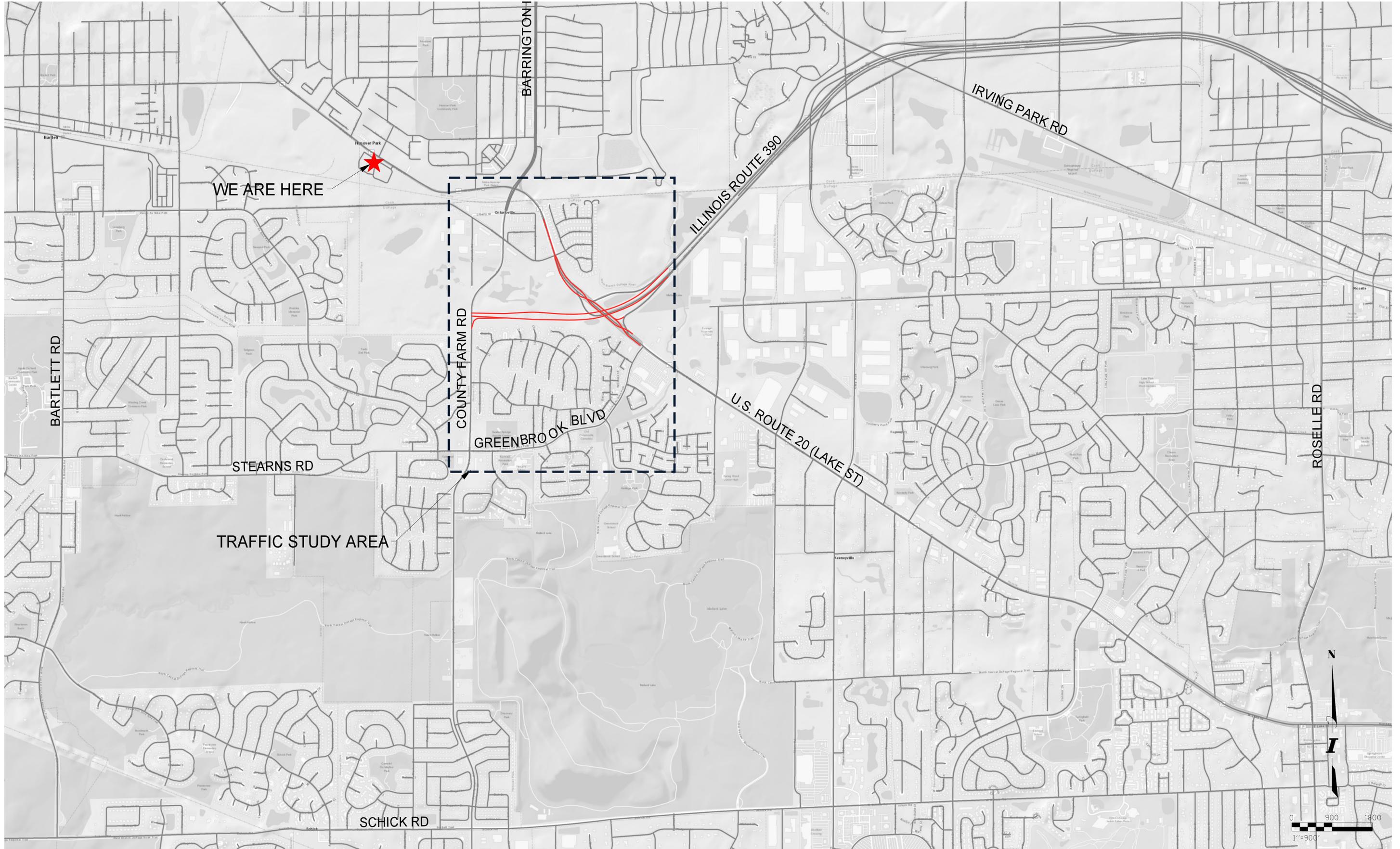


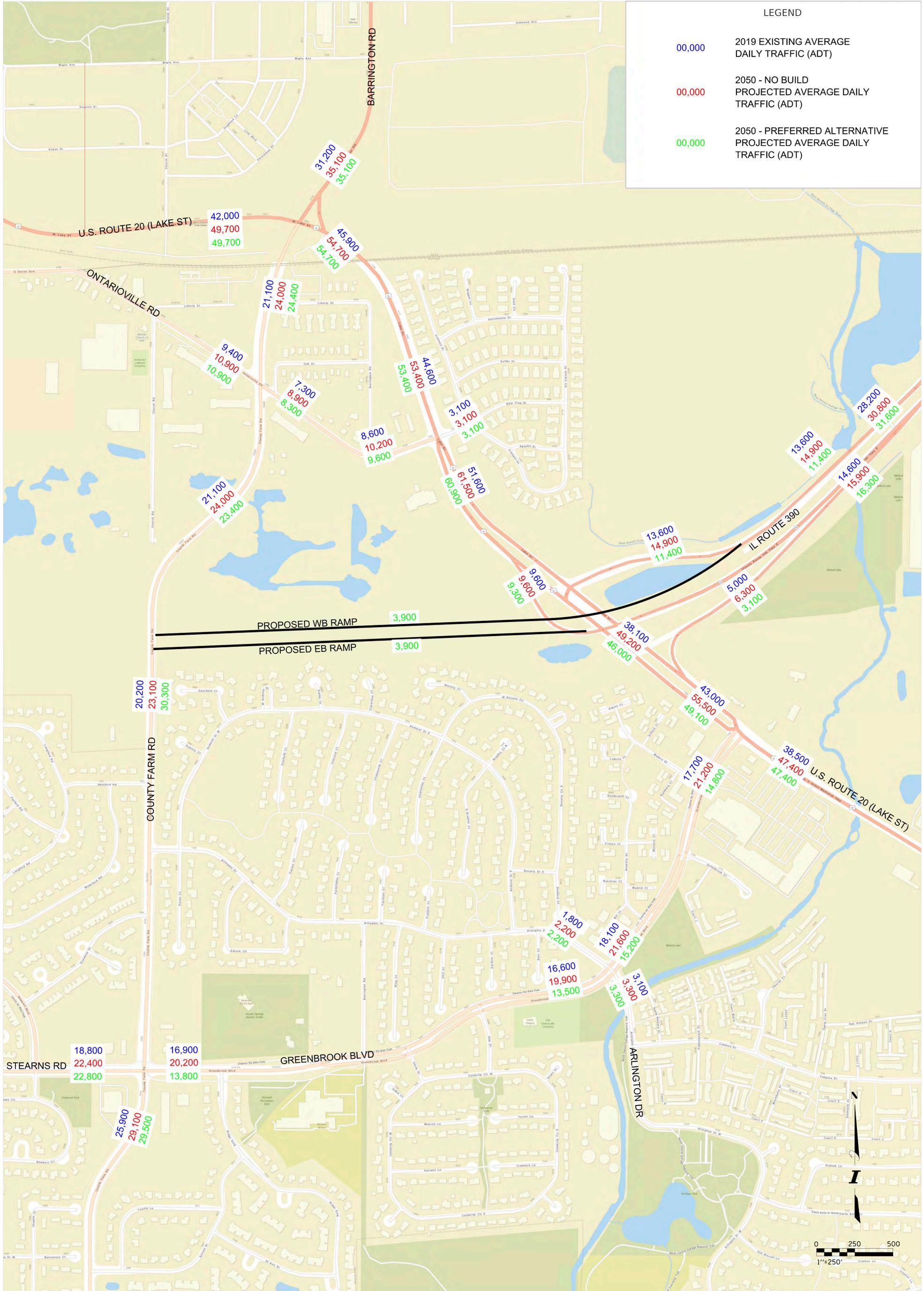


**ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY
U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD
PROJECT LOCATION MAP**





ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD TRAFFIC EXHIBIT



LEGEND

- 00,000 2019 EXISTING AVERAGE DAILY TRAFFIC (ADT)
- 00,000 2050 - NO BUILD PROJECTED AVERAGE DAILY TRAFFIC (ADT)
- 00,000 2050 - PREFERRED ALTERNATIVE PROJECTED AVERAGE DAILY TRAFFIC (ADT)





**ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY
U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD
POTENTIAL INTERCHANGE ALTERNATIVES**



DUAL LEFT TURN LANES ALTERNATIVE

LEGEND

- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- EXISTING RAMP REMOVAL
- WETLAND AREA
- TRAFFIC SIGNAL

0' 100' 200' 300'



LEGEND

- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- EXISTING RAMP REMOVAL
- WETLAND AREA
- TRAFFIC SIGNAL

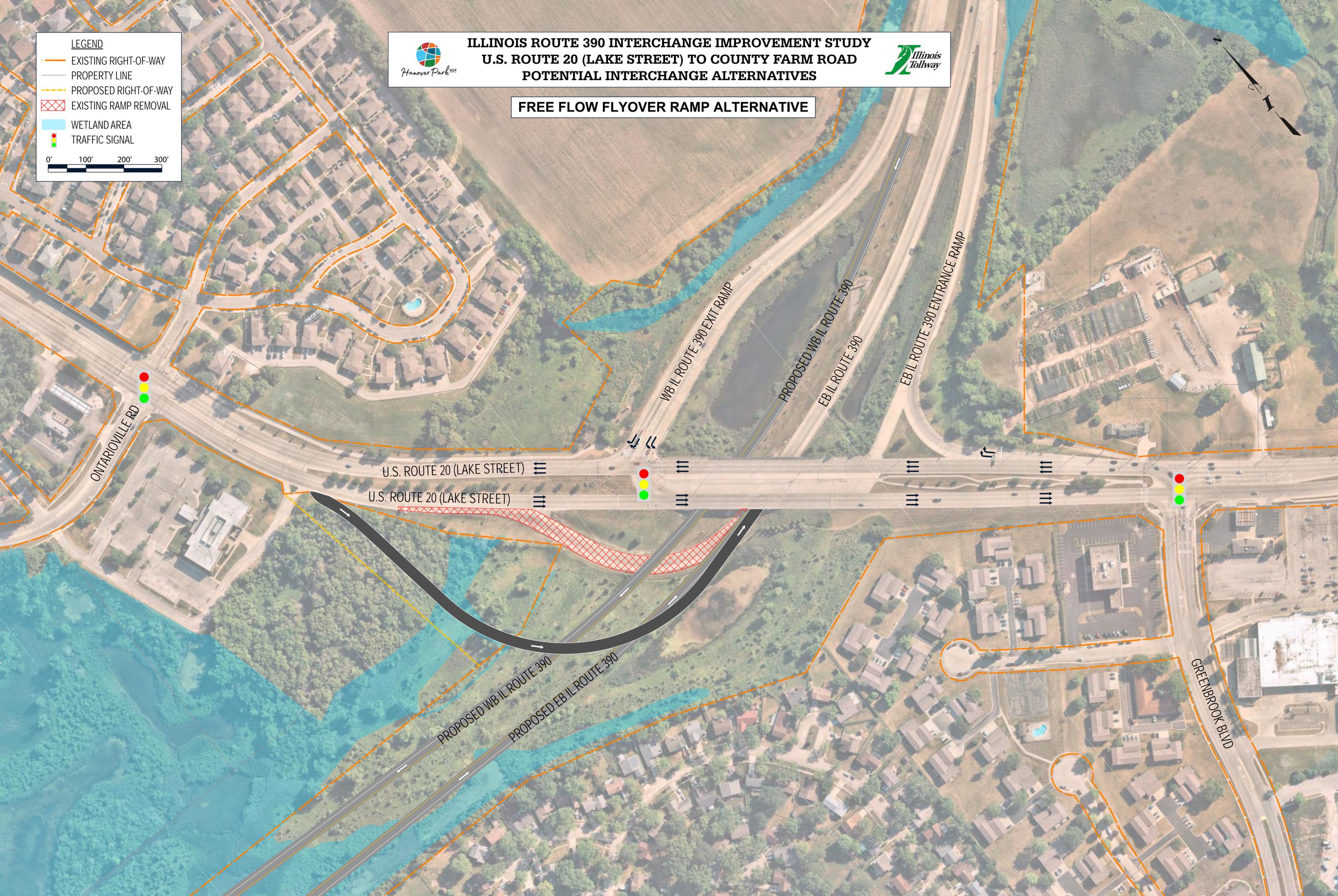
0' 100' 200' 300'



**ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY
U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD
POTENTIAL INTERCHANGE ALTERNATIVES**



FREE FLOW FLYOVER RAMP ALTERNATIVE





**ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY
U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD
POTENTIAL INTERCHANGE ALTERNATIVES**

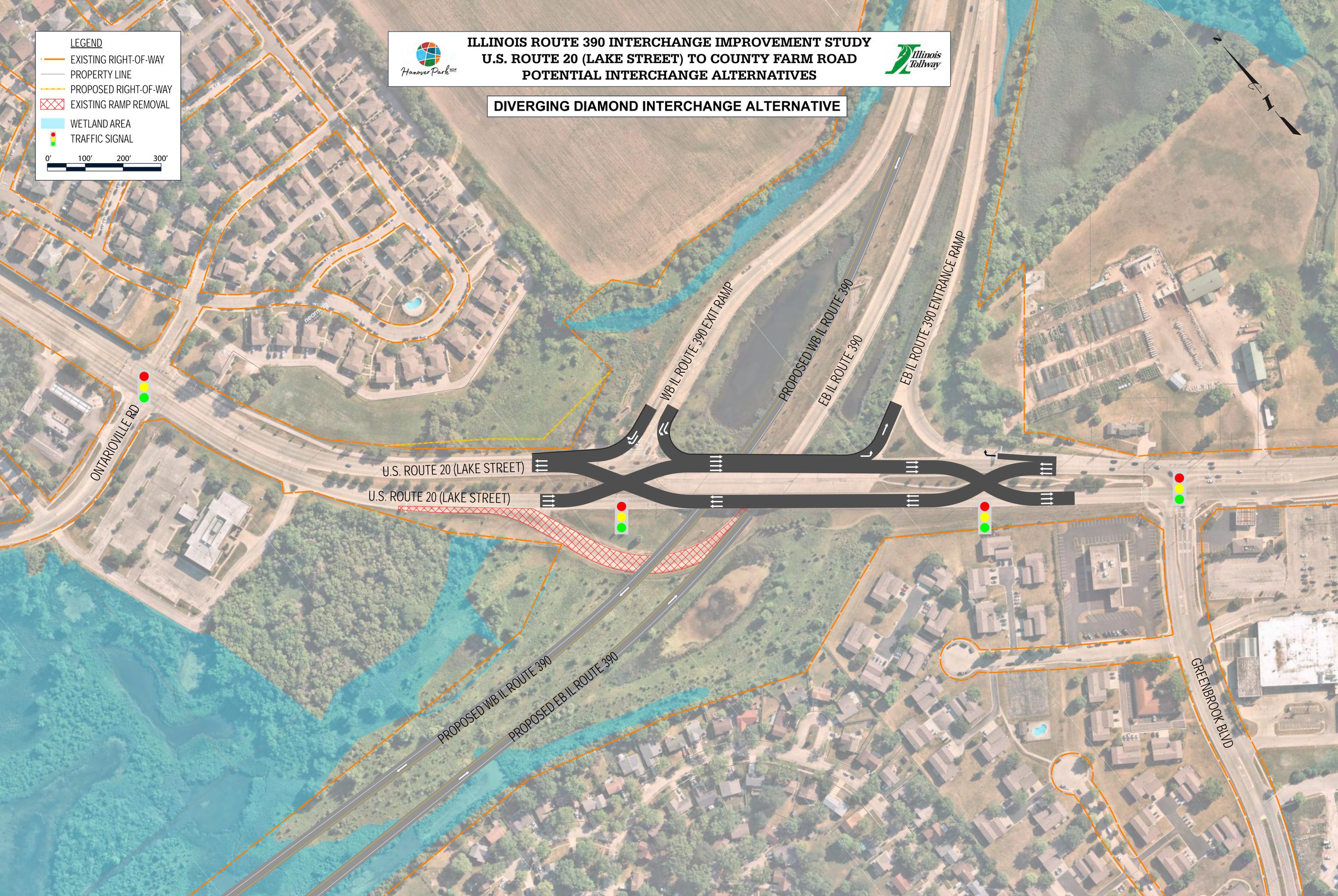


DIVERGING DIAMOND INTERCHANGE ALTERNATIVE

LEGEND

- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- EXISTING RAMP REMOVAL
- WETLAND AREA
- TRAFFIC SIGNAL

0' 100' 200' 300'



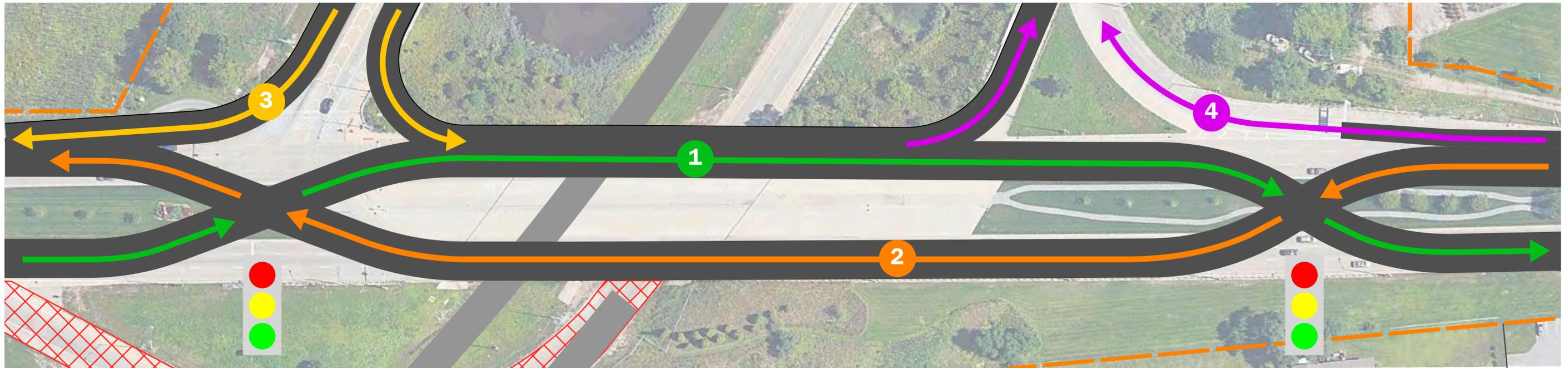
To extend Illinois Route 390 ramps to County Farm Road alterations to the eastbound U.S. Route 20 (Lake Street) to eastbound Illinois Route 390 are required. Three alternatives were considered with varying costs and impacts.

Alternatives	Dual Left Turn Lanes from EB US20 to EB IL390	Free Flow Flyover Ramp from EB US20 over IL390 and under US20 to EB390	Diverging Diamond Interchange (DDI)
Construction Cost of Alternative	▲	▼	▲
Right-of-Way Acquisition	▲	▼	▲
Proximity to Residents	▲	▼	▲
Impact to Wetlands	▲	▼	▲
Potential Traffic and Safety Impacts	▼	▲	▲

LEGEND: BEST ALTERNATIVE ▲ ▲ ● ▼ ▼ **WORST ALTERNATIVE**



**ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY
U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD
BENEFITS AND HOW TO DRIVE A DIVERGING DIAMOND INTERCHANGE (DDI)**



The preferred alternatives provide numerous safety and accessibility benefits, including:

- Potentially fewer turning, rear end, and right angle crashes
- Slower intersection speeds
- Eliminates left-turn conflicts
- Potentially shorter construction duration
- Simpler truck accessibility and maneuvering

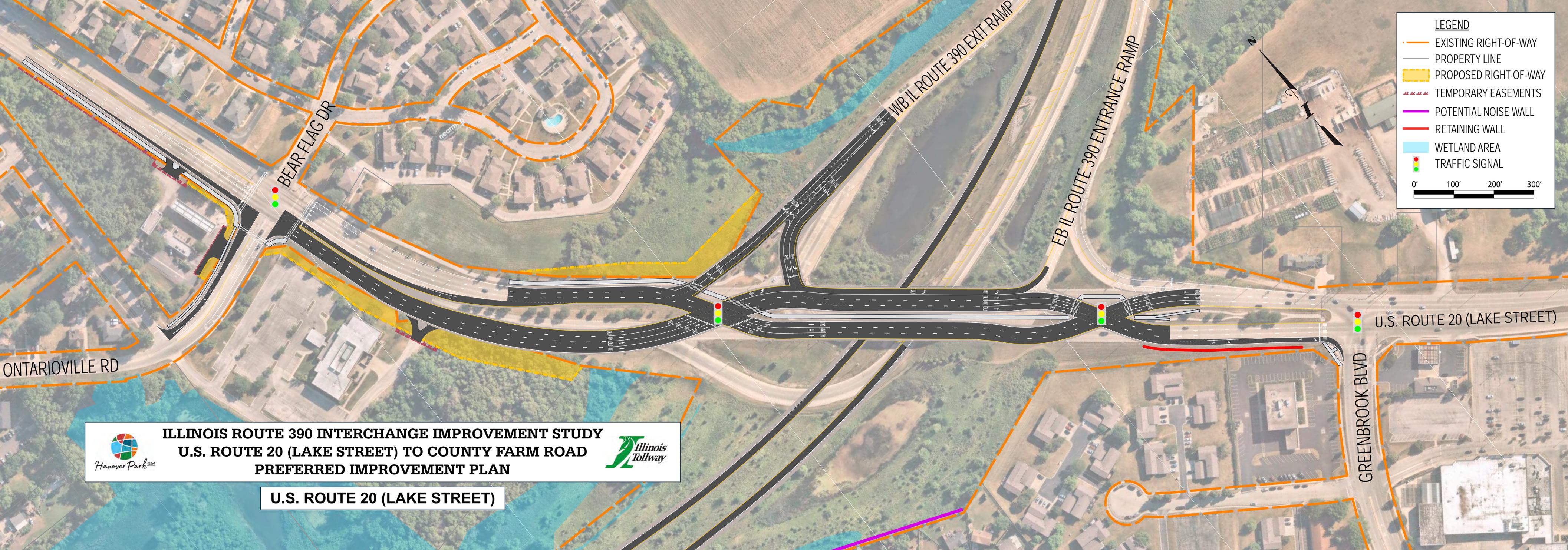
Existing DDI's in Chicagoland:
Illinois Route 59 at I-88 in Naperville
Elmhurst Road at I-90 in Des Plaines

1 Approaching the traffic signal, eastbound U.S. Route 20 (Lake Street) traffic will curve to the left. Traffic will be guided through the intersection and crossed to the left side of the road with opposing traffic now on the right side. Through traffic will curve back through to the right after the second signal of the interchange. Opposing traffic will now be back on the left.

2 Approaching the traffic signal, westbound U.S. Route 20 (Lake Street) traffic will curve to the left. Traffic will be guided through the intersection and crossed to the left side of the road with opposing traffic now on the right side. Through traffic will curve back through to the right after the second signal of the interchange. Opposing traffic will now be back on the left.

3 Westbound Illinois Route 390 traffic exiting at U.S. Route 20 (Lake Street) will have the option of turning eastbound or westbound onto U.S. Route 20 (Lake Street). Right turns onto U.S. Route 20 (Lake Street) will remain similar to the existing interchange, but left turn movements will now turn onto the left side of the road, eliminating left turn conflicts at the intersection.

4 U.S. Route 20 (Lake Street) traffic entering eastbound Illinois Route 390 will now make these left turn movements onto Illinois Route 390 from the left side of the road. Right turns from westbound U.S. Route 20 (Lake Street) onto the eastbound Illinois Route 390 Ramp will remain similar to the existing interchange.



LEGEND

- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- TEMPORARY EASEMENTS
- POTENTIAL NOISE WALL
- RETAINING WALL
- WETLAND AREA
- TRAFFIC SIGNAL

0' 100' 200' 300'


ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY
U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD
PREFERRED IMPROVEMENT PLAN


U.S. ROUTE 20 (LAKE STREET)



ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY
U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD
PREFERRED IMPROVEMENT PLAN



LEGEND

- EXISTING RIGHT-OF-WAY
- PROPERTY LINE
- PROPOSED RIGHT-OF-WAY
- TEMPORARY EASEMENTS
- POTENTIAL NOISE WALL
- RETAINING WALL
- WETLAND AREA
- TRAFFIC SIGNAL

0' 100' 200' 300'



ILLINOIS ROUTE 390

WB IL ROUTE 390 EXIT RAMP

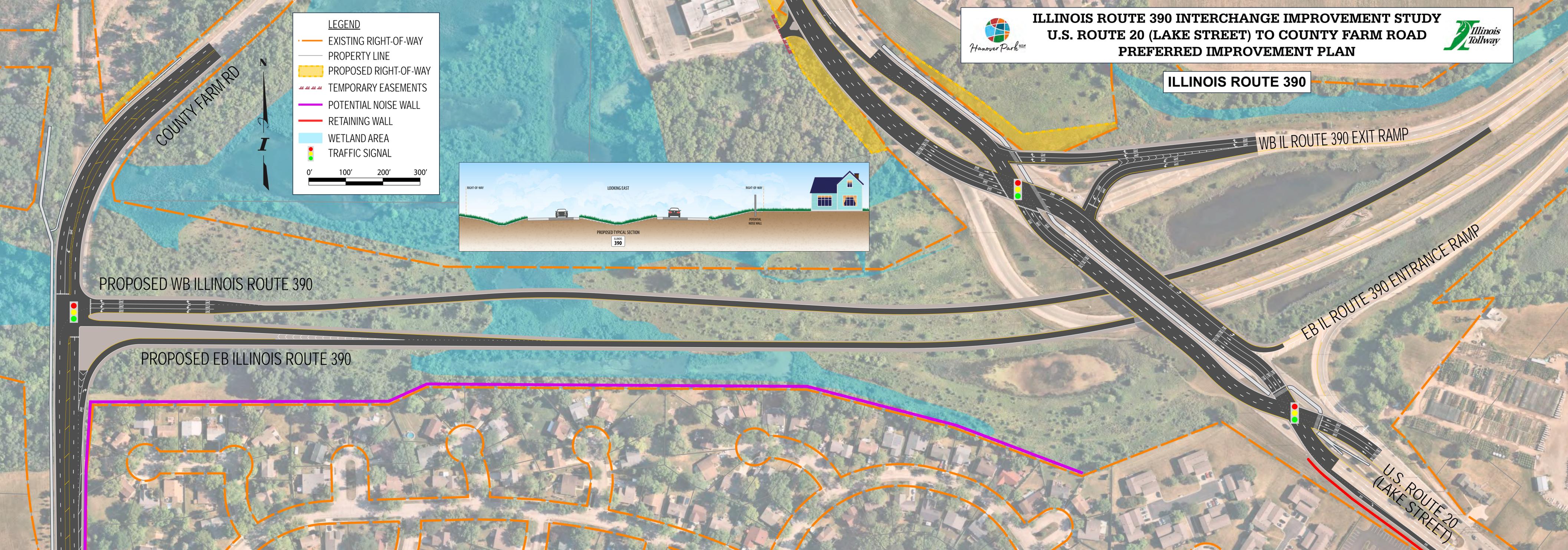
EB IL ROUTE 390 ENTRANCE RAMP

U.S. ROUTE 20
(LAKE STREET)

COUNTY FARM RD

PROPOSED WB ILLINOIS ROUTE 390

PROPOSED EB ILLINOIS ROUTE 390

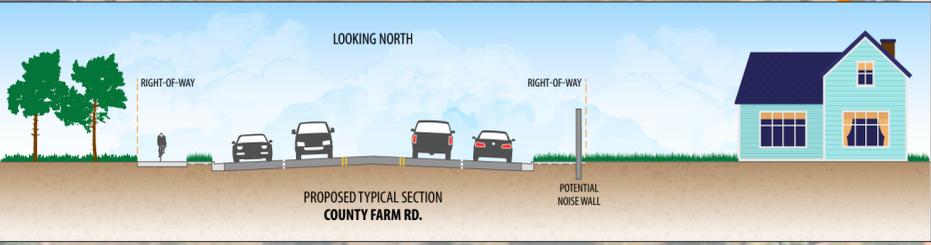
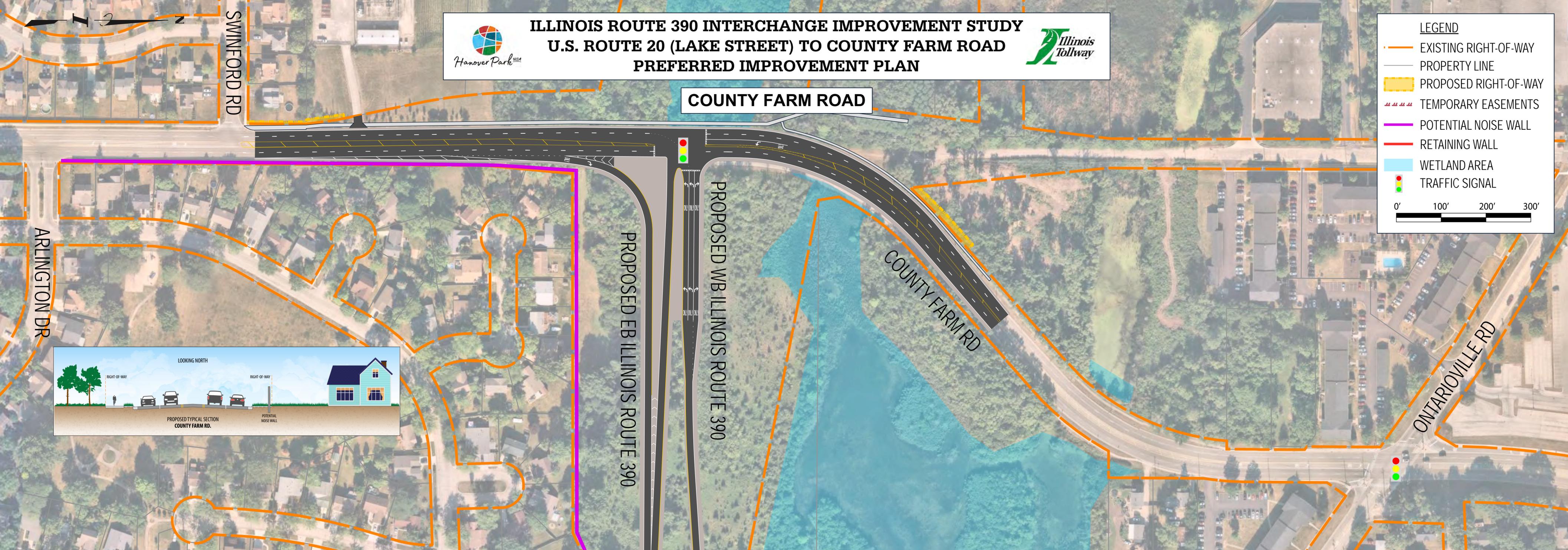



ILLINOIS ROUTE 390 INTERCHANGE IMPROVEMENT STUDY
U.S. ROUTE 20 (LAKE STREET) TO COUNTY FARM ROAD
PREFERRED IMPROVEMENT PLAN


LEGEND

-  EXISTING RIGHT-OF-WAY
-  PROPERTY LINE
-  PROPOSED RIGHT-OF-WAY
-  TEMPORARY EASEMENTS
-  POTENTIAL NOISE WALL
-  RETAINING WALL
-  WETLAND AREA
-  TRAFFIC SIGNAL

0' 100' 200' 300'

Conclusion of traffic noise study conducted in accordance with IDOT Noise Policy:

- 8' high wall along County Farm Road from Arlington Drive to Illinois Route 390
- 11' high wall along Illinois Route 390 from County Farm Road to west of U.S. Route 20 (Lake Street)

Below are some examples of recently constructed noise walls in the area:

