



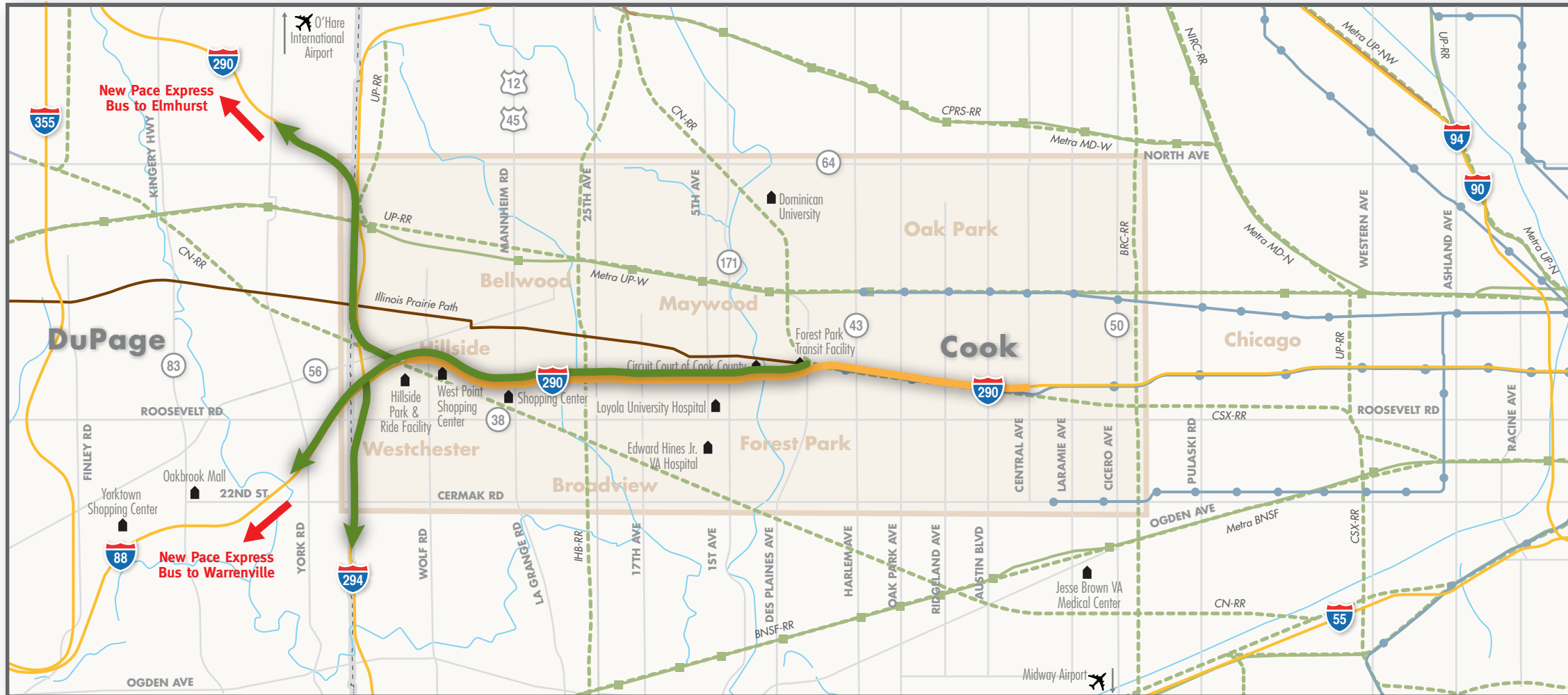
I-290 PHASE I STUDY

Round 2

Initial Combo Alternatives Descriptions



GP + EXP > General Purpose Add Lane & Express Bus Service



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- General Purpose Add Lanes
- Express Bus Operating on Shoulder
- New Pace Express Bus Route

GP Lanes

- > Add 2 Lanes (1 in each direction) along I-290 from I-88/290 Split to Central Avenue.
- > 7.5 miles

Express Bus:

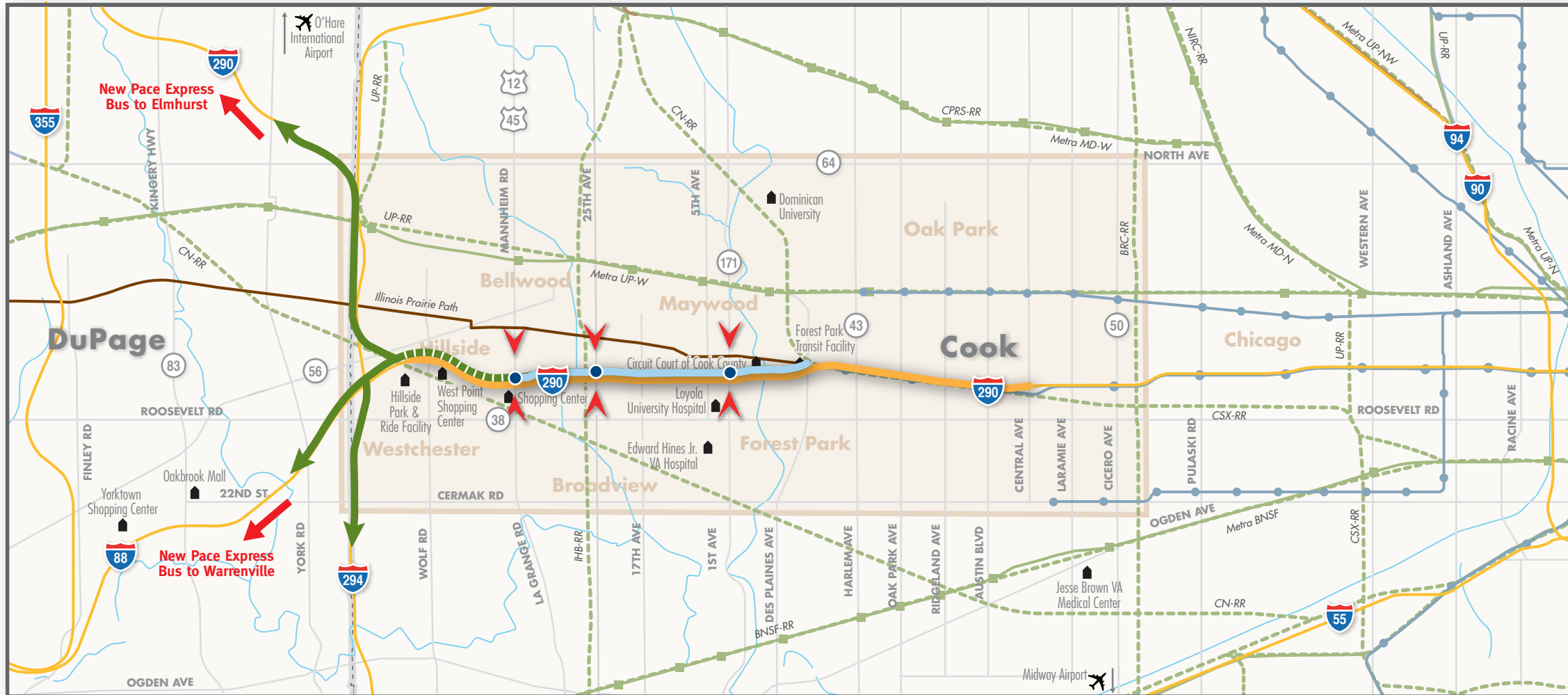
- > Express Bus Service on I-88 & I-290 to CTA Forest Park Terminal.
- > Enhanced local bus routes to run express to CTA Forest Park Terminal.
- > Express Bus service to use I-290 Shoulder.

*Not to scale



GP + HCT + EXP > General Purpose Add Lane & High Capacity Transit & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- General Purpose Add Lanes
- HCT (At-Grade)
- Existing and New Express Bus
- Express Bus Operating on Shoulder
- New HCT Station
- New Pace Express Bus Route
- Local Bus Service Enhancement

*Not to scale

GP Lanes:

- > Add 2 Lanes (1 in each direction) along I-290 from I-88/290 Split to Central Avenue.
- > 7.5 miles

High Capacity Transit (HCT):

- > HCT as Blue Line Extension (HRT) or Bus Rapid Transit (BRT).
- > Add HCT from CTA Forest Park Terminal to Mannheim Road in I-290 Median.

High Capacity Transit (HCT): (con't)

- > 3 New HRT/BRT stations – Mannheim Road, 25th Avenue, 1st Avenue.
- > 3.5 miles

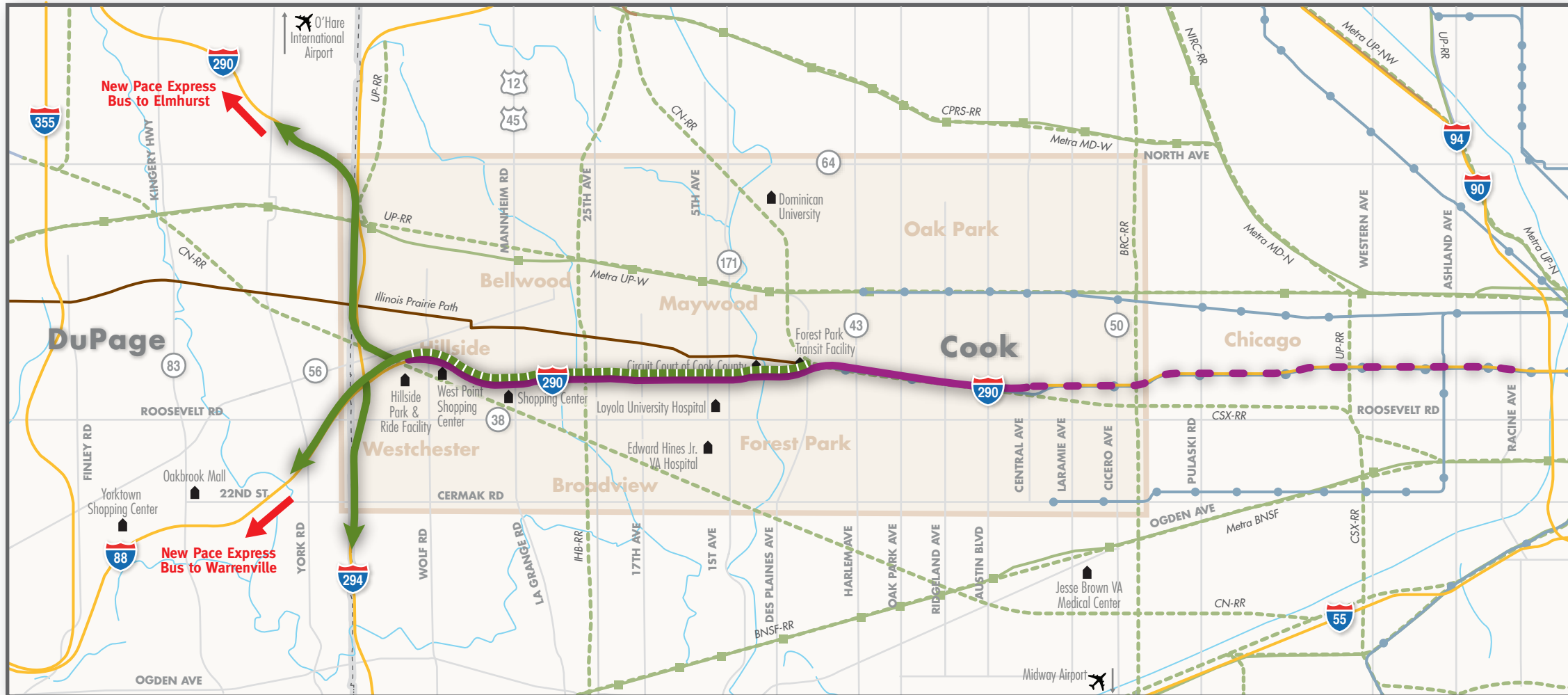
Express Bus:

- > Express Bus Service on I-88 & I-290 to CTA Forest Park Terminal.
- > Enhanced local bus routes to run express to CTA Forest Park Terminal.
- > Express Bus service to use I-290 Shoulder.



HOV + EXP > High Occupancy Vehicle Lanes (HOV) 2+ Occupants & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- HOV 2+ Add Lanes
- HOV 2+ Lane Conversion
- Existing and New Express Bus
- Express Bus Operating in HOV Lanes
- New Pace Express Bus Route

*Not to scale

HOV 2+:

- > Add 2 HOV lanes (1 lane in each direction) on I-290 from I-88/290 Split to Central Avenue.
- > Convert 2 existing General Purpose lanes to HOV (1 lane in each direction) from Central Avenue to Racine Avenue.
- > HOV lane restricted to vehicles with two or more occupants (no toll).
- > 13 miles

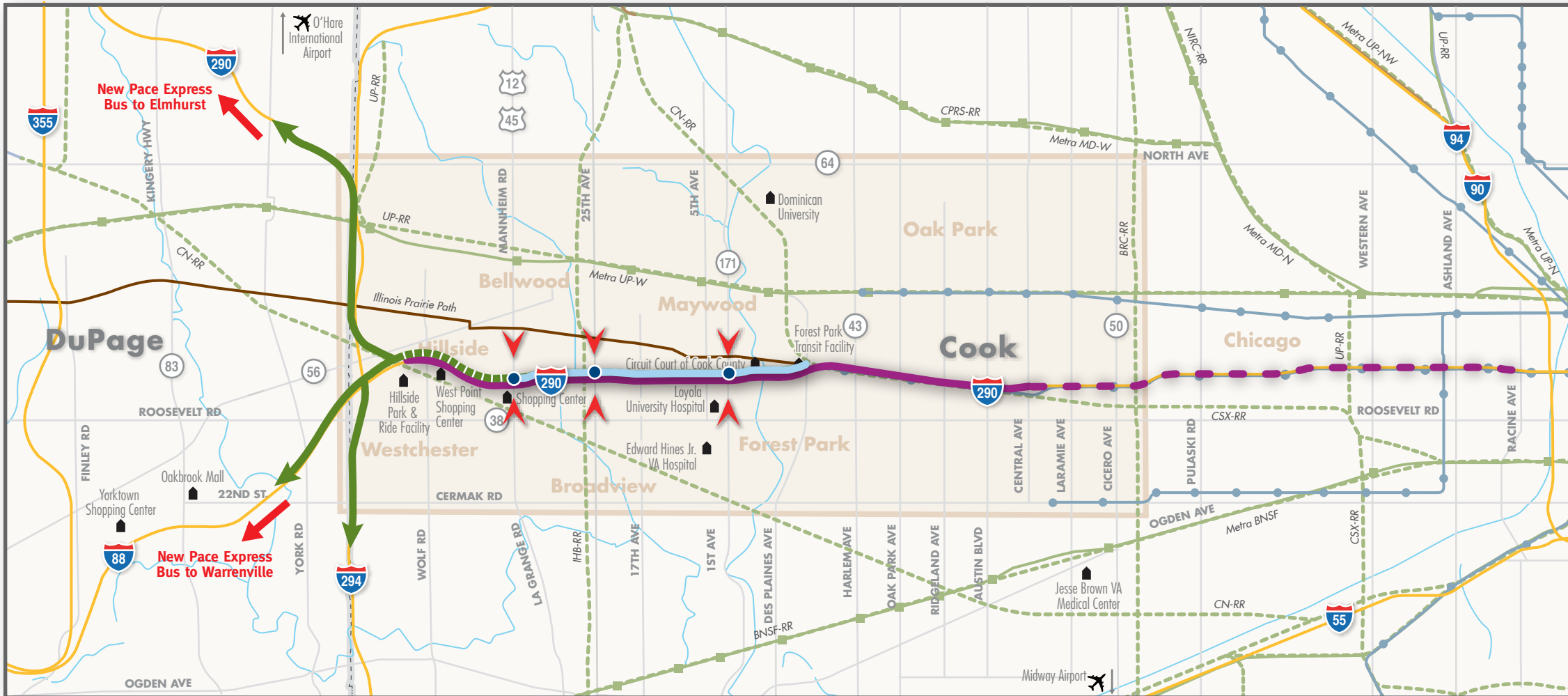
Express Bus:

- > Express Bus Service on I-88 & I-290 to CTA Forest Park Terminal.
- > Enhanced local bus routes to run express to CTA Forest Park Terminal.
- > Express Bus Service to use HOV lanes.



HOV + HCT + EXP > High Occupancy Vehicle Lanes (HOV) 2+ Occupants & High Capacity Transit (HCT) & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- HOV 2+ Add Lanes
- HOV 2+ Lane Conversion
- HCT (At-Grade)
- Existing and New Express Bus
- Express Bus Operating in HOV Lanes
- New HCT Station
- New Pace Express Bus Route
- Local Bus Service Enhancement

- HOV 2+:**
- > Add 2 HOV lanes (1 lane in each direction) on I-290 from I-88/290 Split to Central Avenue.
 - > Convert 2 existing General Purpose lanes to HOV (1 lane in each direction) from Central Avenue to Racine Avenue.
 - > HOV lane restricted to vehicles with two or more occupants (no toll).
 - > 13 miles

- High Capacity Transit (HCT):**
- > HCT as Blue Line Extension (HRT) or Bus Rapid Transit (BRT).

- High Capacity Transit (HCT): (con't)**
- > Add HCT from CTA Forest Park Terminal to Mannheim Road in I-290 Median.
 - > 3 New HRT/BRT stations – Mannheim Road, 25th Avenue, 1st Avenue.
 - > 3.5 miles

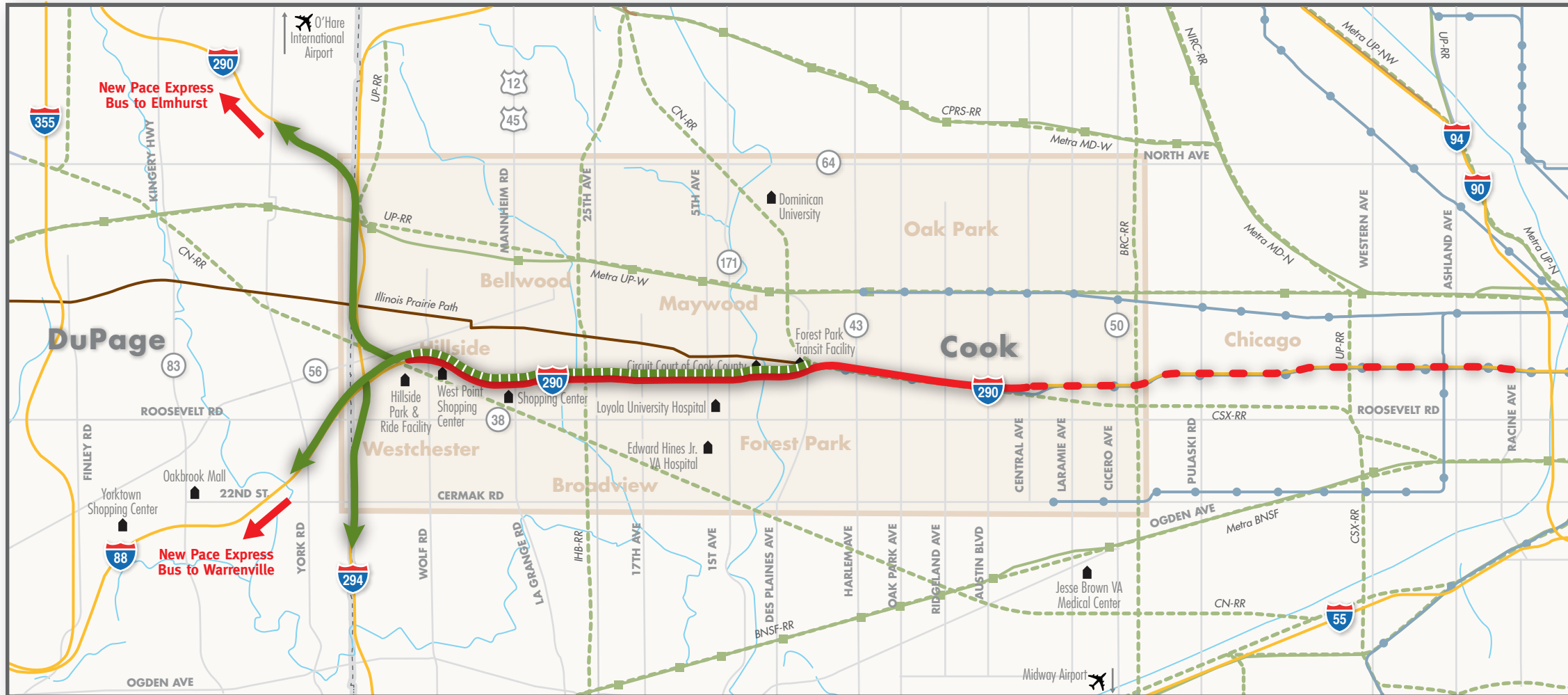
- Express Bus:**
- > Express Bus Service on I-88 & I-290 to HRT/BRT Mannheim Station.
 - > Enhanced local bus routes to run express to HRT/BRT Mannheim Station.
 - > Express Bus Service to use HOV lanes.

*Not to scale



HOT + EXP > High Occupancy Toll Lane (3+) & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- HOT 3+ Add Lanes
- HOT 3+ Lane Conversion
- Existing and New Express Bus
- Express Bus Operating in HOT Lanes
- New Pace Express Bus Route

*Not to scale

HOT 3+:

- > Add 2 HOT lanes (1 lane in each direction) on I-290 from I-88/290 Split to Central Avenue.
- > Convert 2 existing General Purpose lanes to HOT (1 lane in each direction) from Central Avenue to Racine Avenue.
- > Single and double occupancy vehicles pay toll to enter HOT lane, 3 or more occupancy vehicles ride free.
- > 13 miles

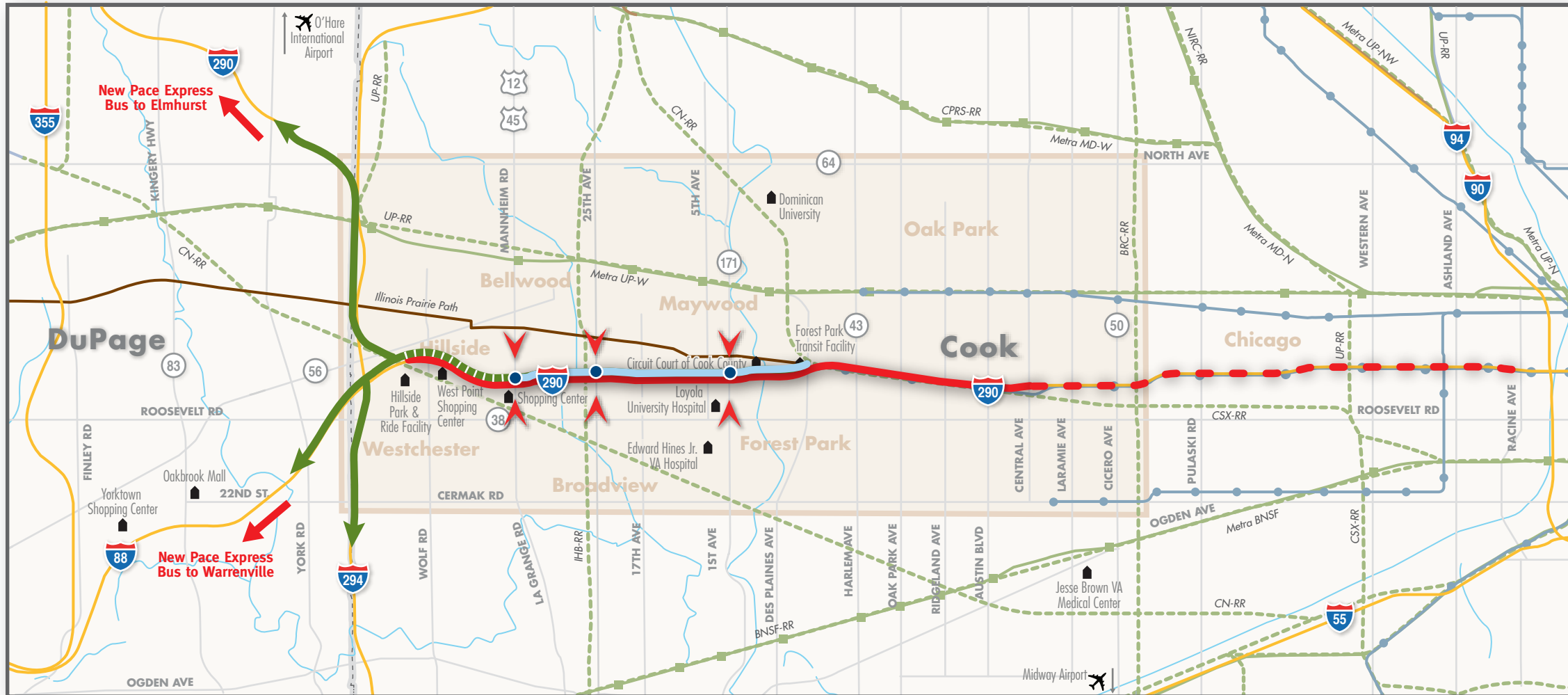
Express Bus:

- > Express Bus Service on I-88 & I-290 to CTA Forest Park Terminal.
- > Enhanced local bus routes to run express to CTA Forest Park Terminal.
- > Express Bus Service to use HOT lanes at no charge.



HOT + HCT + EXP > High Occupancy Toll Lanes (HOT) 3+ Occupants & High Capacity Transit & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- HOT 3+ Add Lanes
- HOT 3+ Lane Conversion
- HCT (At-Grade)
- Existing and New Express Bus
- Express Bus Operating in HOT Lanes
- New HCT Station
- New Pace Express Bus Route
- Local Bus Service Enhancement

HOT 3+:

- > Add 2 HOT lanes (1 lane in each direction) on I-290 from I-88/290 Split to Central Avenue.
- > Convert 2 existing General Purpose lanes to HOT (1 lane in each direction) from Central Avenue to Racine Avenue.
- > Single and double occupancy vehicles pay toll to enter HOT lane, 3 or more occupancy vehicles ride free.
- > 13 miles

High Capacity Transit (HCT):

- > HCT as Blue Line Extension (HRT) or Bus Rapid Transit (BRT).

High Capacity Transit (HCT): (con't)

- > Add HCT from CTA Forest Park Terminal to Mannheim Road in I-290 Median.
- > 3 New HRT/BRT stations – Mannheim Road, 25th Avenue, 1st Avenue.
- > 3.5 miles

Express Bus:

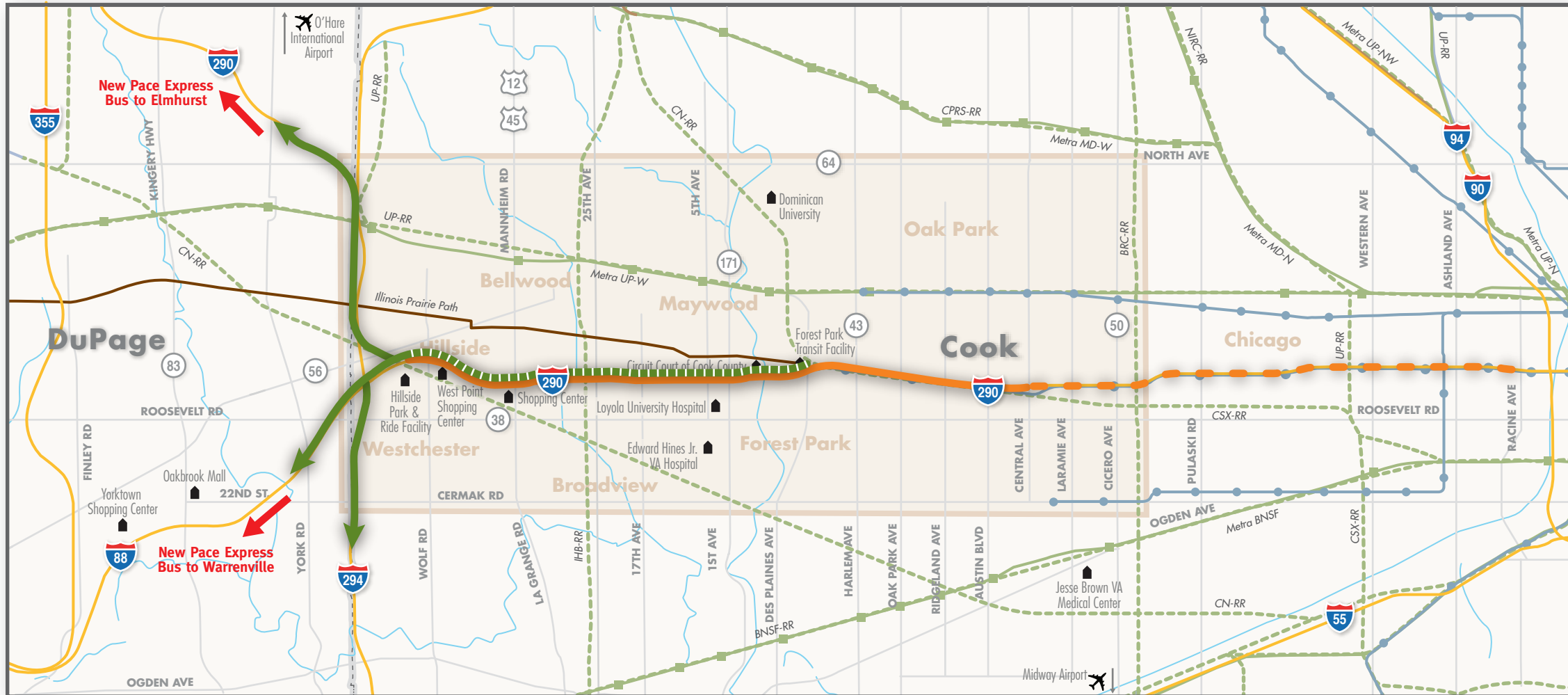
- > Express Bus Service on I-88 & I-290 to HRT/BRT Mannheim Station.
- > Enhanced local bus routes to run express to HRT/BRT Mannheim Station.
- > Express Bus Service to use HOT lanes at no charge.

*Not to scale



TOLL + EXP > Toll Add Lanes & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- - - Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- Tolloed Add Lanes
- - - Tolloed Lane Conversion
- Existing and New Express Bus
- - - Express Bus Operating in Toll Lanes
- ← New Pace Express Bus Route

N

*Not to scale

Toll Lanes:

- > Add 2 Toll Lanes (1 lane in each direction) on I-290 from I-88/290 Split to Central Avenue.
- > Existing 3 Lanes between I-88/290 Split and Central to remain free.
- > Convert 2 existing General Purpose lanes to Toll Lanes (1 lane in each direction) from Central Avenue to Racine Avenue.
- > 13 miles

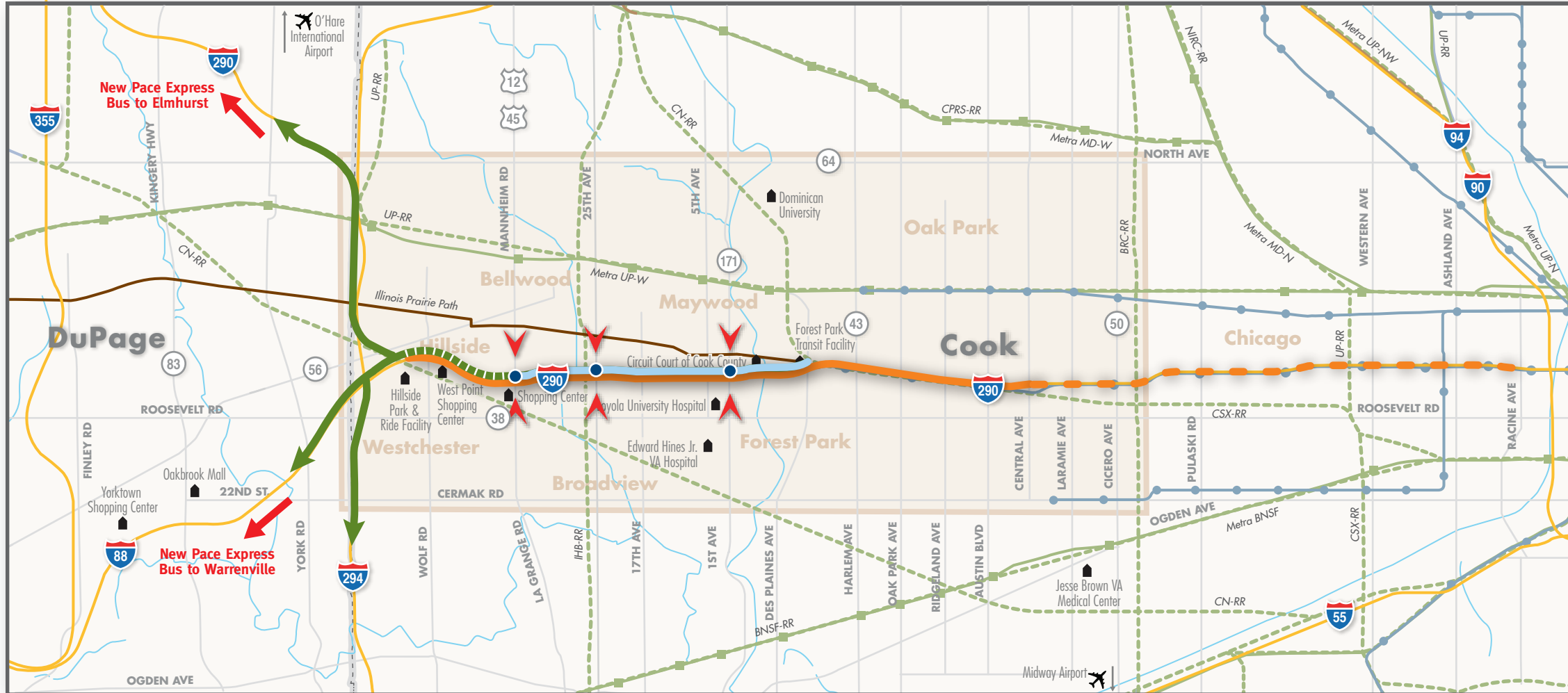
Express Bus:

- > Express Bus Service on I-88 & I-290 to CTA Forest Park Terminal.
- > Enhanced local bus routes to run express to CTA Forest Park Terminal.
- > Express Bus Service to use HOT lanes at no charge.



TOLL + HCT + EXP > Toll Add Lanes & High Capacity Transit & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- Tolled Add Lanes
- Tolled Lane Conversion
- HCT (At-Grade)
- Existing and New Express Bus
- Express Bus Operating in Toll Lanes
- New HCT Station
- New Pace Express Bus Route
- Local Bus Service Enhancement

Toll Lanes:

- > Add 2 Toll Lanes (1 lane in each direction) on I-290 from I-88/290 Split to Central Avenue.
- > Existing 3 Lanes between I-88/290 Split and Central to remain free.
- > Convert 2 existing General Purpose lanes to Toll Lanes (1 lane in each direction) from Central Avenue to Racine Avenue.
- > 13 miles

High Capacity Transit (HCT):

- > HCT as Blue Line Extension (HRT) or Bus Rapid Transit (BRT).

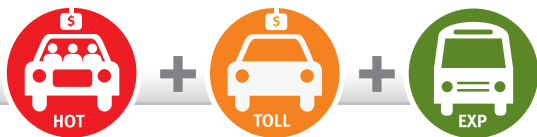
High Capacity Transit (HCT): (con't)

- > Add HCT from CTA Forest Park Terminal to Mannheim Road in I-290 Median.
- > 3 New HRT/BRT stations – Mannheim Road, 25th Avenue, 1st Avenue.
- > 3.5 miles

Express Bus:

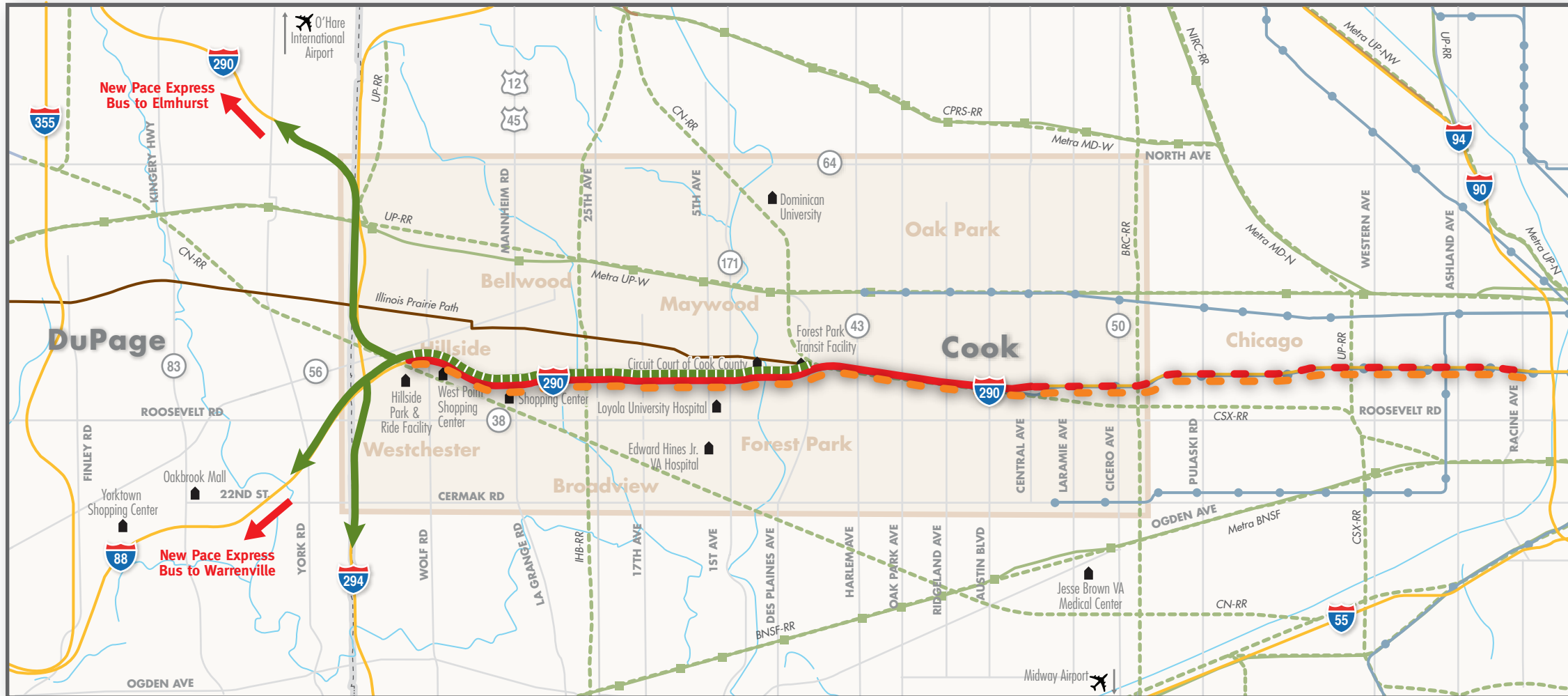
- > Express Bus Service on I-88 & I-290 to HRT/BRT Mannheim Station.
- > Enhanced local bus routes to run express to HRT/BRT Mannheim Station.
- > Express Bus Service to use toll lanes at no charge.

*Not to scale



HOT + TOLL + EXP > HOT Lanes & Toll All Existing Lanes & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- HOT 3+ Add Lanes
- HOT 3+ Lane Conversion
- Tolled Lane Conversion
- Existing and New Express Bus
- Express Bus Operating in HOT Lanes
- New Pace Express Bus Route

*Not to scale

HOT Lanes:

- > Add 2 HOT lanes (1 lane in each direction) on I-290 from I-88/290 Split to Central Avenue.
- > Convert 2 existing General Purpose lanes to HOT (1 lane in each direction) from Central Avenue to Racine Avenue.
- > Single and double occupancy vehicles pay toll to enter HOT lane, 3 or more occupancy vehicles ride free.
- > 13 miles

Toll Lanes:

- > Toll existing lanes from I-290/I-88 Split to Racine Avenue.
- > 13 miles

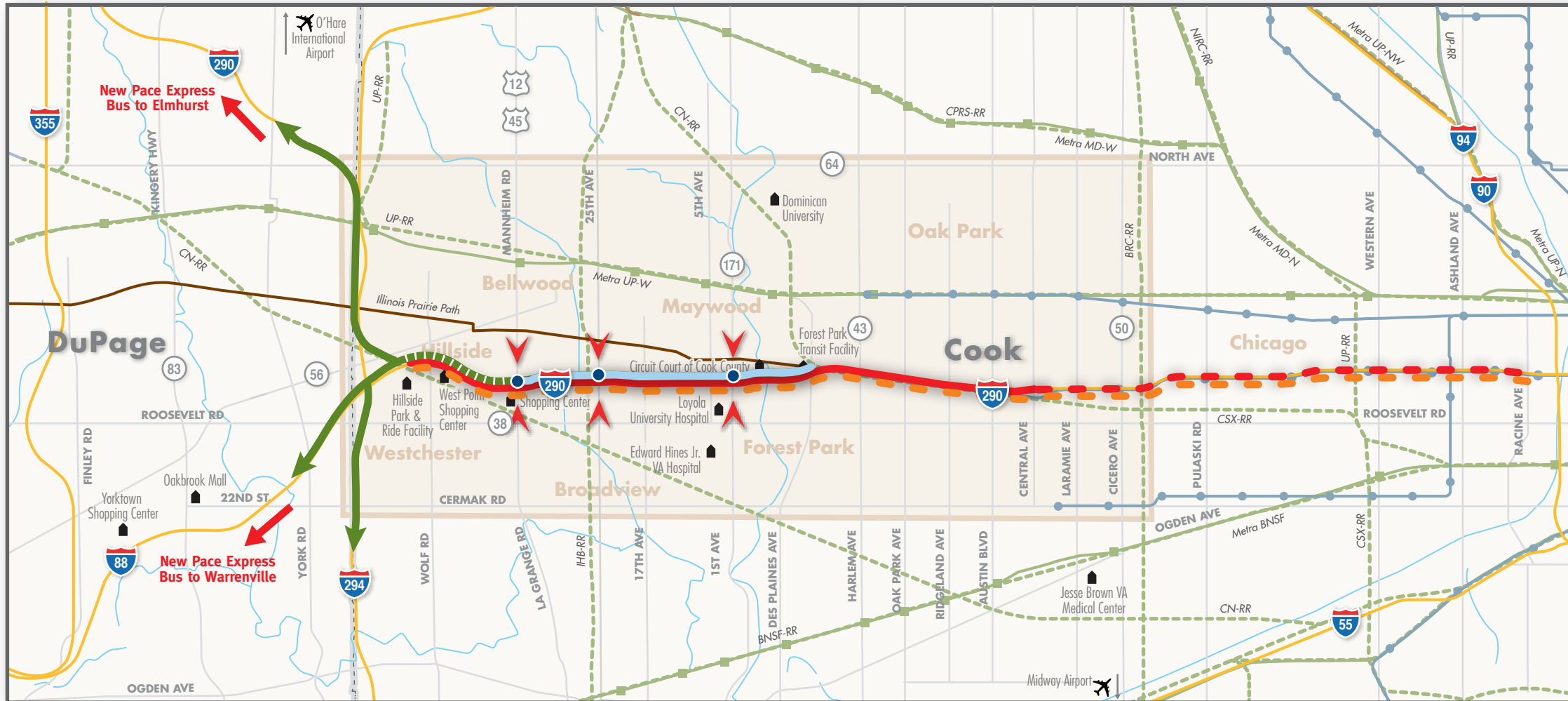
Express Bus:

- > Express Bus Service on I-88 & I-290 to CTA Forest Park Terminal.
- > Enhanced local bus routes to run express to CTA Forest Park Terminal.
- > Express Bus Service to use HOT lanes at no charge.



HOT + TOLL + HCT + EXP > HOT Lanes & Toll All Existing Lanes & High Capacity Transit & Express Bus Service

I-290 PHASE I STUDY ROUND 2 September 29, 2011



Legend

- Interstate
- Metra Line/Station
- Existing CTA Rail /Station Access
- IL Prairie Path Multi-Use Trail
- Railroad
- I-290 Study Area
- County Boundary
- River

Alternative

- HOT 3+ Add Lanes
- HOT 3+ Lane Conversion
- Tolled Lane Conversion
- HCT (At -Grade)
- Existing and New Express Bus
- Express Bus Operating in HOT Lanes
- New HCT Station
- New Pace Express Bus Route
- Local Bus Service Enhancement

*Not to scale

HOT Lanes:

- > Add 2 HOT lanes (1 lane in each direction) on I-290 from I-88/290 Split to Central Avenue.
- > Convert 2 existing General Purpose lanes to HOT Lanes (1 lane in each direction) from Central Avenue to Racine Avenue.
- > Single and double occupancy vehicles pay toll to enter HOT lane, 3 or more occupancy vehicles ride free.
- > 13 miles

Toll Lanes:

- > Toll existing lanes from I-290/I-88 Split to Racine Avenue.
- > 13 miles

High Capacity Transit (HCT):

- > HCT as Blue Line Extension (HRT) or Bus Rapid Transit (BRT).
- > Add HCT from CTA Forest Park Terminal to Mannheim Road in I-290 Median.
- > 3 New HRT/BRT stations – Mannheim Road, 25th Avenue, 1st Avenue.
- > 3.5 miles

Express Bus:

- > Express Bus Service on I-88 & I-290 to HRT/BRT Mannheim Station.
- > Enhanced local bus routes to run express to HRT/BRT Mannheim Station.
- > Express Bus Service to run on HOT Lanes at no charge.