## Corridors Considered in Level 2 Screening

J-Line (West O'Hare to IKEA)

J-Line (West O'Hare to Schaumburg)

Star Line Connection to West Terminal

CTA Blue Line Extension to West Terminal

J-Line (IL 83 West O'Hare to Aurora and Naperville)

Mid-City Transitway

Golf (Evanston to Woodfield)

Dempster (East O'Hare to Yellow Line Skokie)

Mannheim (East Airport to I-55)

Irving Park (East Airport to West Airport)

I-94 Yellow Line Transfer (Jefferson Park to Yellow Line Skokie)

1-294 (East O'Hare to Ogden Ave.)

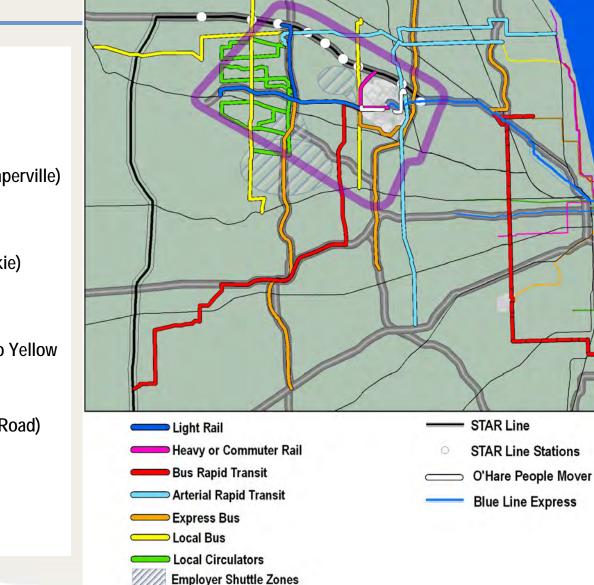
1-294 (East O'Hare to Lake Co.-Lake Cook Road)

I-355 (Higgins Rd. To II-55)

York Road Shuttle (UPNW to UPW)

Golf West (NWTC to Elgin)

Roselle Road (Palatine to Glen Ellyn)



3.5

Miles

Lake

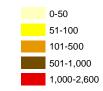
Michigan



- O'Hare People Mover (includes west terminal expansion)
- Light Rail
- Heavy or Commuter Rail
- Bus Rapid Transit
- Arterial Rapid Transit
- ------ Express Bus
- ------ Local Bus
- ------ Local Circulators

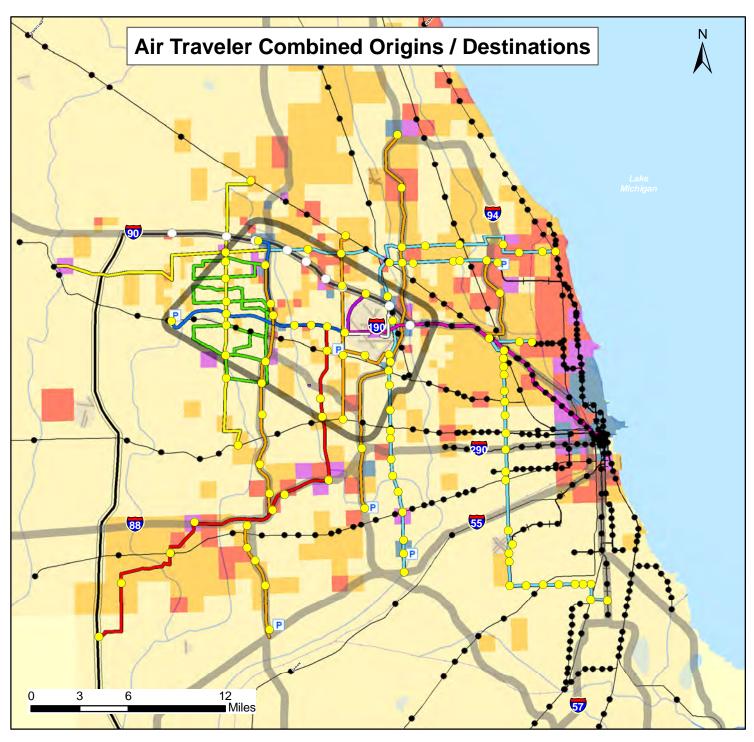
- Proposed Stops and Station Locations
- STAR Line
- STAR Line Stations
- Existing CTA and Metra Stations
- Existing CTA and Metra Stations
- Park and Ride

#### Number of Residents Density Per Square Mile



Source: Census Transportation Planning Package Decennial Census 2000





- O'Hare People Mover (includes west terminal expansion)
- Light Rail
- Heavy or Commuter Rail
- Bus Rapid Transit
- Arterial Rapid Transit
- Express Bus
- ------ Local Bus
- Local Circulators

- Proposed Stops and Station Locations
- STAR Line
- STAR Line Stations
- Existing CTA and Metra Stations
- Existing CTA and Metra Stations
- Park and Ride

#### Daily Trip Density Per Square Mile



Source: Airport Express Ridership Forecast Study 2003, Wilbur Smith Assoc.

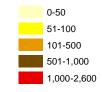




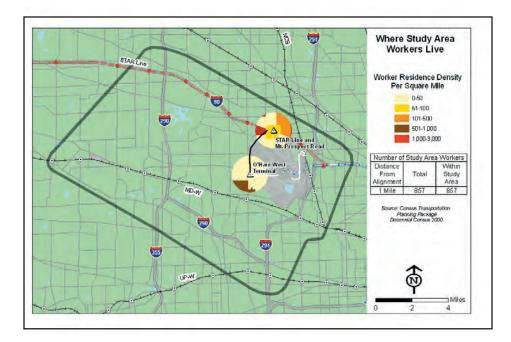
- O'Hare People Mover (includes west terminal expansion)
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- ----- Local Circulators

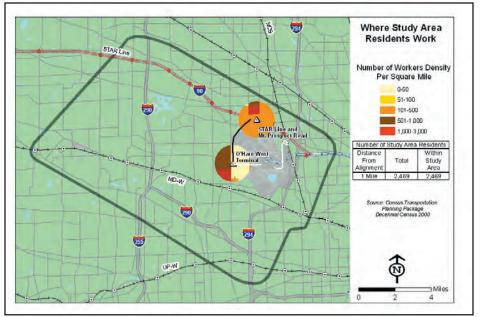
- Proposed Stops and Station Locations
- STAR Line
- STAR Line Stations
- Existing CTA and Metra Stations
- Existing CTA and Metra Stations
- Park and Ride

#### Number of Workers Density Per Square Mile

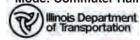


Source: Census Transportation Planning Package Decennial Census 2000

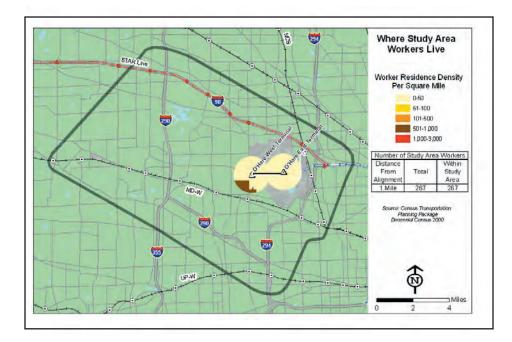


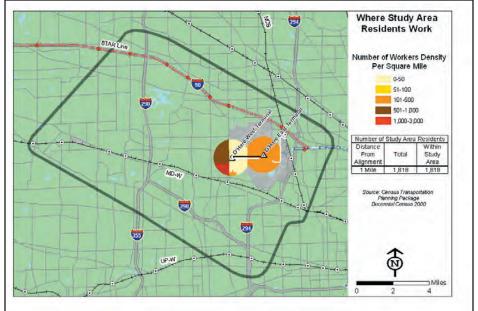


Elgin O'Hare - West Bypass Route: STAR Line Connection to West Terminal <u>Mo</u>de: Commuter Rail





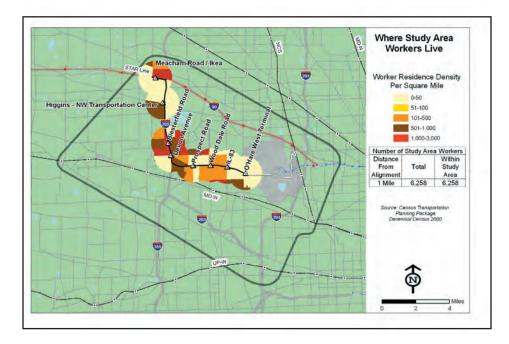


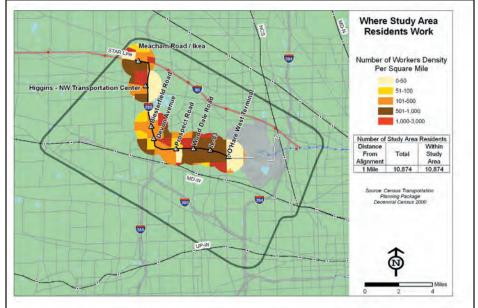


Elgin O'Hare - West Bypass Route: Blue Line Extension to West Terminal Mode: Heavy Rail Rapid Transit





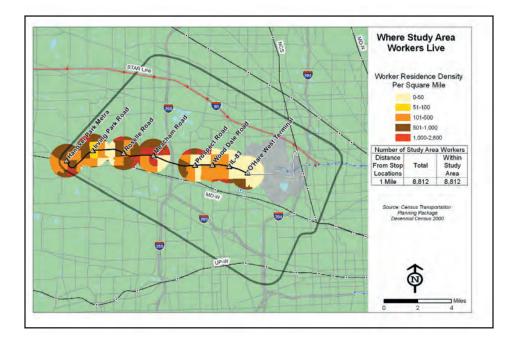


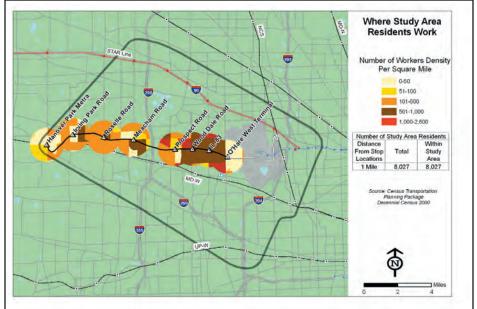


Elgin O'Hare - West Bypass Route: J-Line (West O'Hare to IKEA) Mode: Light Rail Transit



Illinois Department

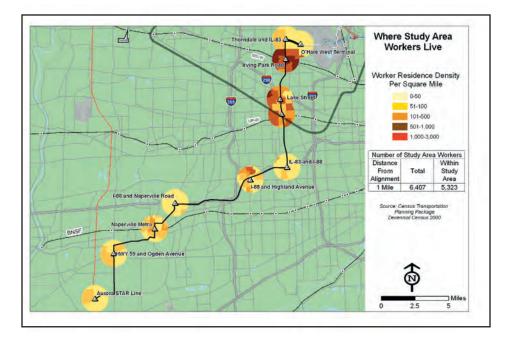


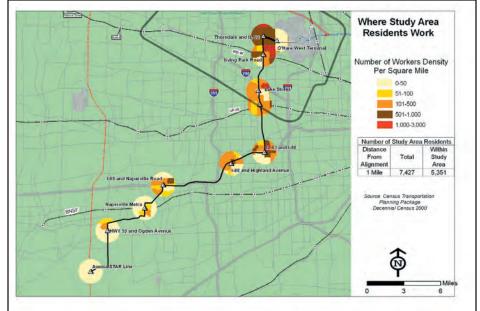


Elgin O'Hare - West Bypass Route: J Line (West O'Hare to Hanover Park) Mode: Light Rail Transit

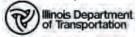




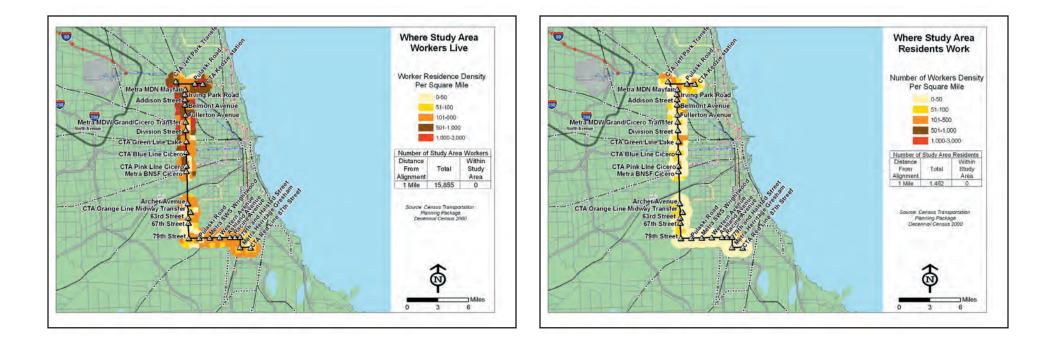




Elgin O'Hare - West Bypass Route: J Line (IL 83, West O'Hare to Aurora) Mode: Bus Rapid Transit



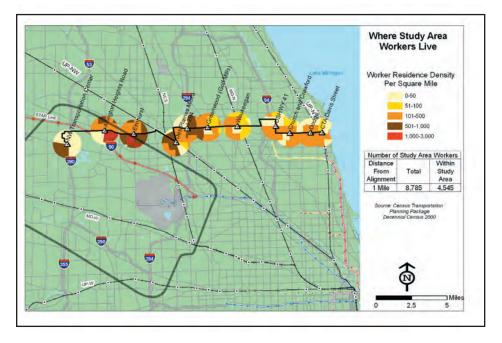




Elgin O'Hare - West Bypass **Route: Mid-City Transitway** Mode: Bus Rapid Transit



Illinois Department of Transportation

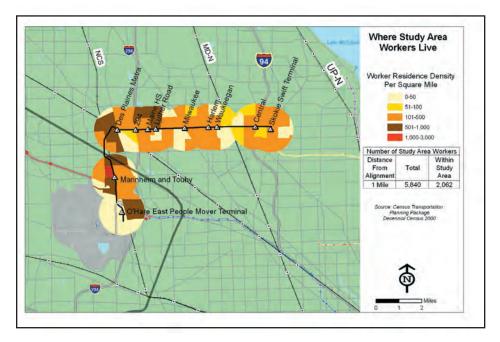


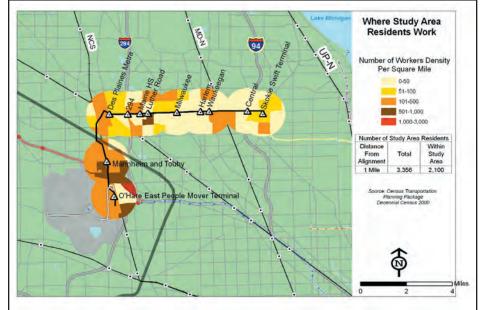


Elgin O'Hare - West Bypass Route: Golf East (Evanston to Woodfield) Mode: Arterial Rapid Transit





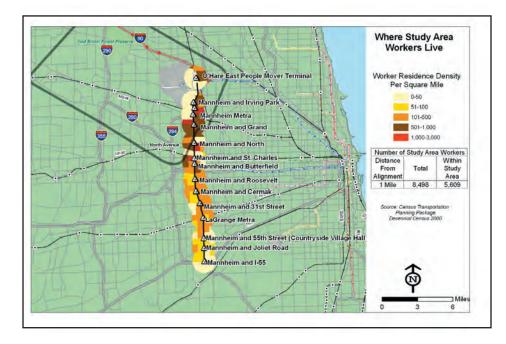


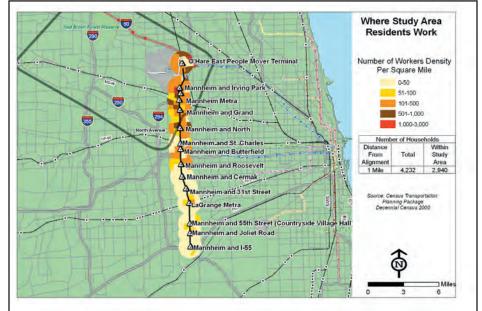


Elgin O'Hare - West Bypass Route: Dempster (East O'Hare to Yellow Line Skokie) Mode: <u>Art</u>erial Rapid Transit





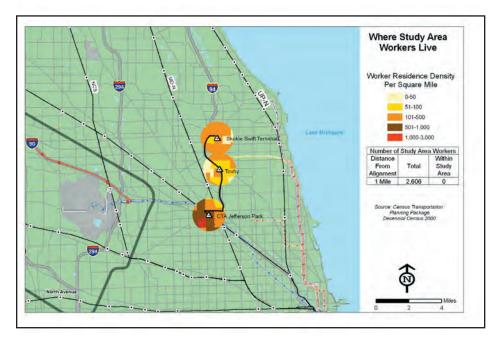


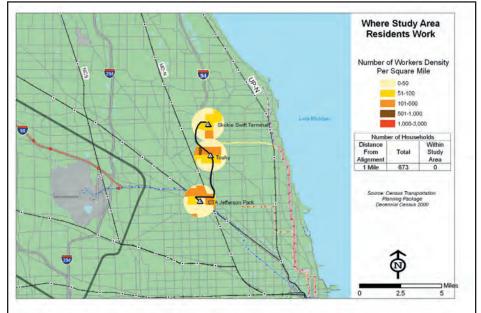


Elgin O'Hare - West Bypass Route: Mannheim (East O'Hare to I-55) Mode: Arterial Rapid Transit





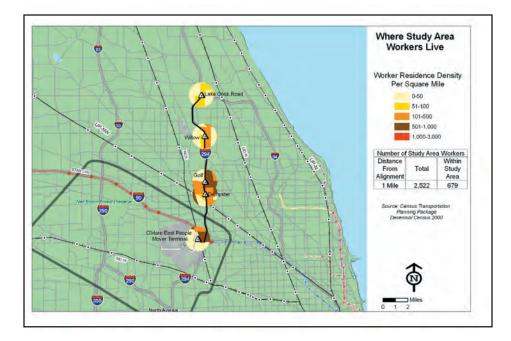


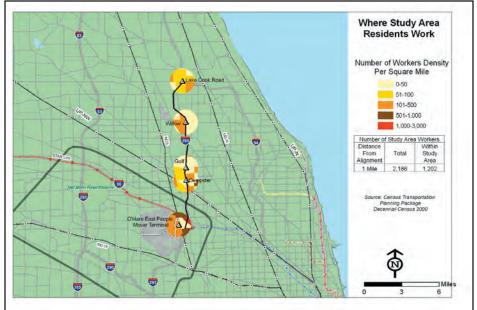


Elgin O'Hare - West Bypass Route: I-94 Edens Express (Jefferson Park to Yellow Line Skokie)





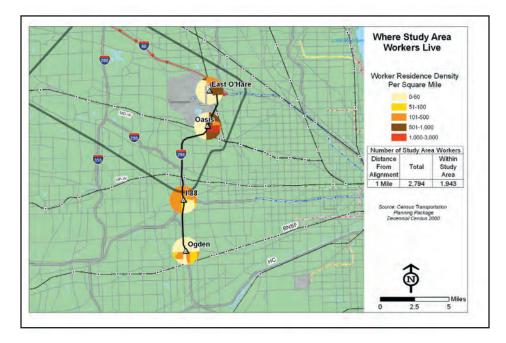


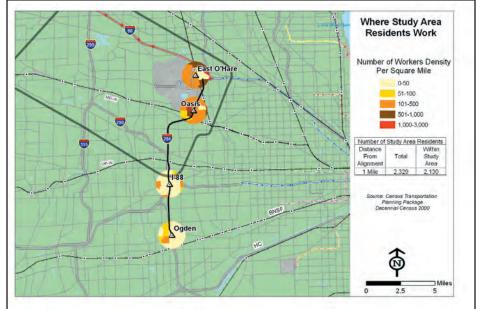


Elgin O'Hare - West Bypass Route: I-294 North (East O'Hare to Lake Cook Road)





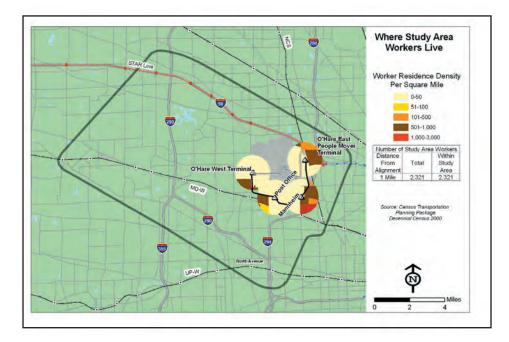


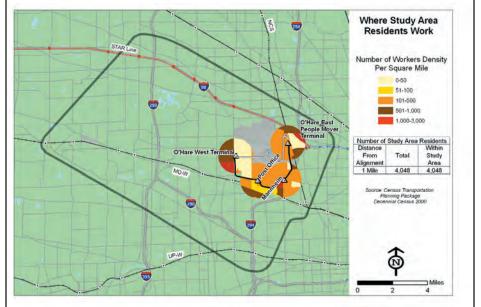


Elgin O'Hare - West Bypass Route: I-294 South (East O'Hare to Ogden Ave) Mode: Express Bus

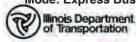




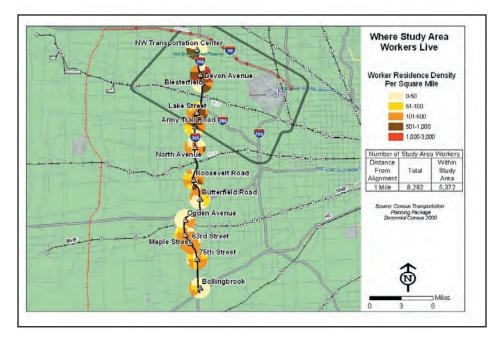


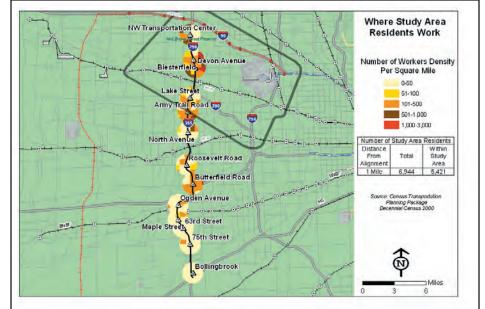


Elgin O'Hare - West Bypass Route: Irving Park: East Airport to West Airport Mode: Express Bus





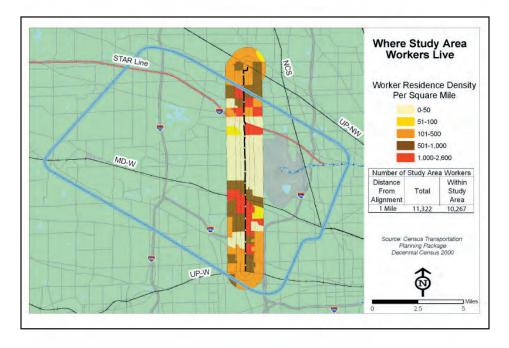


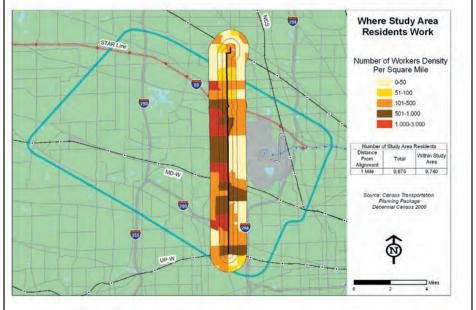


Elgin O'Hare - West Bypass Route: I-355 (NW Transportation Center to Bolingbrook)

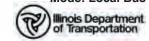








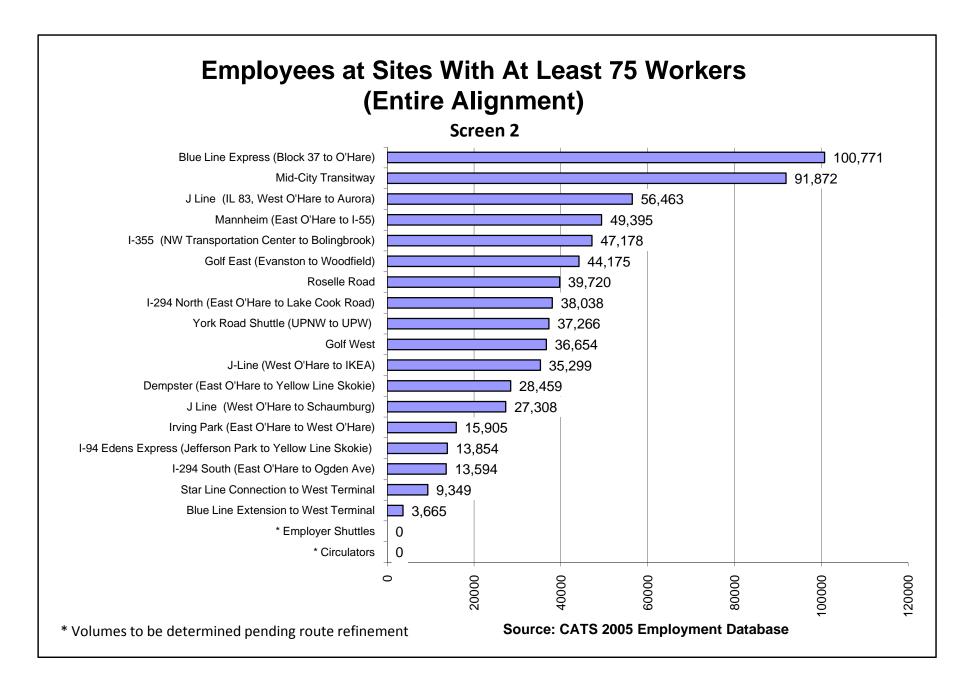
Elgin O'Hare - West Bypass Route: York Road Shuttle (UPNW to UPW) Mode: Local Bus





#### **Screen 2 Evaluation Measures**

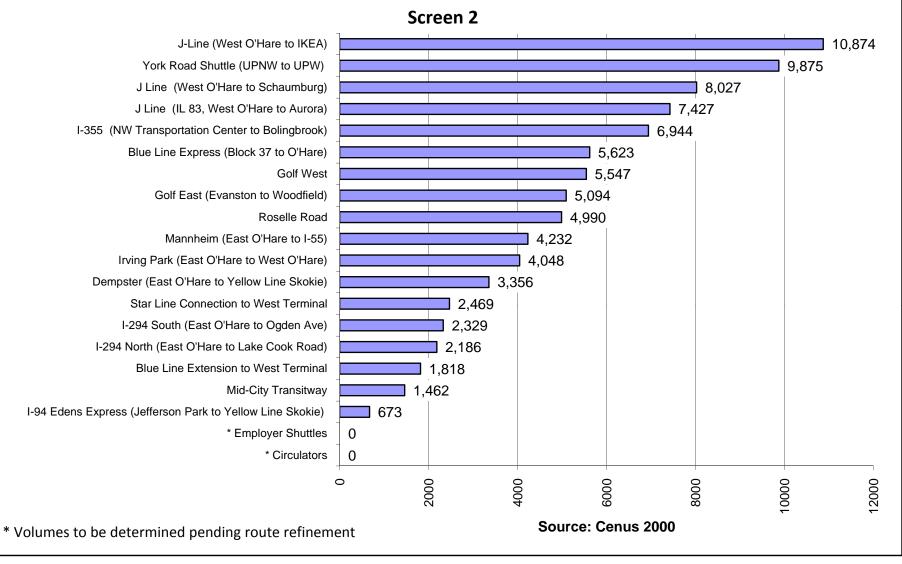
|    |   | Employees at Sites<br>With At Least 75<br>Workers |                    | Where Study Area<br>Residents Work |                    | Where O'Hare Air<br>Traveler Trips Begin<br>or End - 2020 Daily<br>Trips |                    | Where Study Area<br>Workers Live |                   |
|----|---|---|--------------------|------------------------------------|--------------------|--|--------------------|----------------------------------|-------------------|
|    |   | Entire<br>Alignment                               | Study Area<br>Only | Entire<br>Alignment                | Study Area<br>Only | Entire<br>Alignment  | Study Area<br>Only | Entire<br>Alignment              | Study Are<br>Only |
| 1  | Star Line Connection to West Terminal                     | 9,349   | 9,349              | 2,469                              | 2,469              | 150  | 150                | 857                              | 857               |
| 2  | Blue Line Extension to West Terminal                      | 3,665   | 3,665              | 1,818                              | 1,818              | 503  | 503                | 267                              | 26                |
| 3  | Blue Line Express (Block 37 to O'Hare)                    | 100,771   | 80                 | 5,623                              | 634                | 11,922   | 472                | 2,512                            | (                 |
| 4  | J-Line (West O'Hare to IKEA)                              | 35,299  | 35,299             | 10,874                             | 10,874             | 2,737  | 2,737              | 6,258                            | 6,258             |
| 5  | J Line (West O'Hare to Schaumburg)                        | 27,308  | 27,308             | 8,027                              | 8,027              | 807  | 807                | 8,812                            | 8,812             |
| 6  | J Line (IL 83, West O'Hare to Aurora)                     | 56,463  | 16,604             | 7,427                              | 5,351              | 2,448  | 449                | 6,407                            | 5,323             |
| 7  | Mid-City Transitway                                       | 91,872  | 0                  | 1,462                              | 0                  | 1,961  | 0                  | 15,855                           | (                 |
| 8  | Golf East (Evanston to Woodfield)                         | 44,175  | 14,873             | 5,094                              | 3,929              | 3,587  | 1,567              | 8,785                            | 4,54              |
| 9  | Dempster (East O'Hare to Yellow Line Skokie)              | 28,459  | 9,265              | 3,356                              | 2,100              | 3,721  | 2,550              | 5,840                            | 2,062             |
| 10 | Mannheim (East O'Hare to I-55)                            | 49,395  | 21,832             | 4,232                              | 2,940              | 3,384  | 1,645              | 8,498                            | 5,60              |
| 11 | I-94 Edens Express (Jefferson Park to Yellow Line Skokie) | 13,854  | 0                  | 673                                | 0                  | 1,199  | 0                  | 2,606                            | (                 |
| 12 | I-294 North (East O'Hare to Lake Cook Road)               | 38,038  | 4,632              | 2,186                              | 1,202              | 2,696  | 1,346              | 2,522                            | 67                |
| 13 | I-294 South (East O'Hare to Ogden Ave)                    | 13,594  | 10,489             | 2,329                              | 2,130              | 1,842  | 1,473              | 2,794                            | 1,94              |
| 14 | Irving Park (East O'Hare to West O'Hare)                  | 15,905  | 15,905             | 4,048                              | 4,048              | 1,504  | 1,504              | 2,321                            | 2,32              |
| 15 | I-355 (NW Transportation Center to<br>Bolingbrook)        | 47,178  | 16,579             | 6,944                              | 5,421              | 2,828  | 1,586              | 8,292                            | 5,37              |
| 16 | Golf West   | 36,654  | 16,072             | 5,547                              | 4,633              | 3,151  | 2,070              | 14,090                           | 5,18              |
| 17 | Roselle Road  | 39,720  | 16,706             | 4,990                              | 2,316              | 1,675  | 717                | 18,054                           | 10,70             |
| 18 | York Road Shuttle (UPNW to UPW)                           | 37,266  | 33,460             | 9,875                              | 9,740              | 1,417  | 1,218              | 11,322                           | 10,26             |
| 19 | Circulators   | *   | *                  | *                                  | *                  | *  | *                  | *                                | *                 |
| 20 | Employer Shuttles   | *   | *                  | *                                  | *                  | *  | *                  | *                                | *                 |



## Employees at Sites With At Least 75 Workers (Study Area Only)

Screen 2 J-Line (West O'Hare to IKEA) 35,299 33,460 York Road Shuttle (UPNW to UPW) 27,308 J Line (West O'Hare to Schaumburg) 21,832 Mannheim (East O'Hare to I-55) **Roselle Road** 16,706 16,604 J Line (IL 83, West O'Hare to Aurora) I-355 (NW Transportation Center to Bolingbrook) 16,579 16,072 Golf West Irving Park (East O'Hare to West O'Hare) 15,905 Golf East (Evanston to Woodfield) 14,873 10,489 I-294 South (East O'Hare to Ogden Ave) 9,349 Star Line Connection to West Terminal Dempster (East O'Hare to Yellow Line Skokie) 9,265 4,632 I-294 North (East O'Hare to Lake Cook Road) Blue Line Extension to West Terminal 3.665 Blue Line Express (Block 37 to O'Hare) 80 \* Employer Shuttles 0 Mid-City Transitway 0 I-94 Edens Express (Jefferson Park to Yellow Line Skokie) 0 \* Circulators 0 5000 10000 15000 20000 25000 30000 35000 40000 0 Source: CATS 2005 Employment Database \* Volumes to be determined pending route refinement

## Where Study Area Residents Work (Entire Alignment)

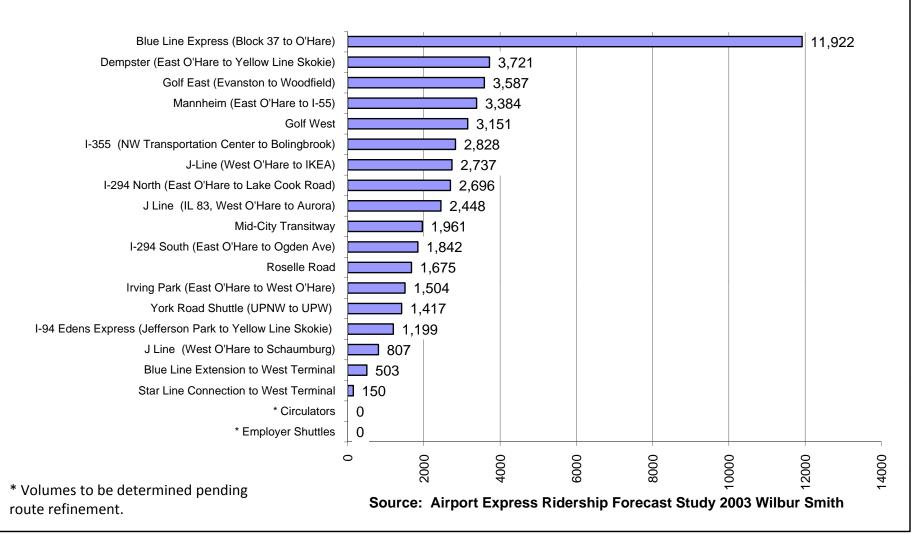


## Where Study Area Residents Work (Study Area Only)

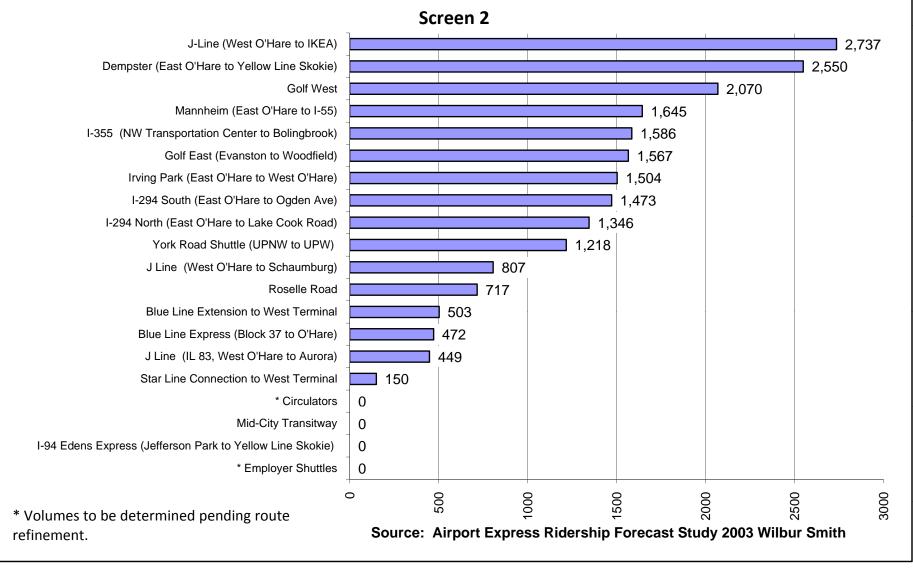
Screen 2 J-Line (West O'Hare to IKEA) 10,874 9,740 York Road Shuttle (UPNW to UPW) 8,027 J Line (West O'Hare to Schaumburg) I-355 (NW Transportation Center to Bolingbrook) 5,421 J Line (IL 83, West O'Hare to Aurora) 5,351 4,633 Golf West Irving Park (East O'Hare to West O'Hare) 4,048 3,929 Golf East (Evanston to Woodfield) 2,940 Mannheim (East O'Hare to I-55) Star Line Connection to West Terminal 2,469 Roselle Road 2,316 2,130 I-294 South (East O'Hare to Ogden Ave) Dempster (East O'Hare to Yellow Line Skokie) 2,100 Blue Line Extension to West Terminal 1,818 I-294 North (East O'Hare to Lake Cook Road) 1,202 Blue Line Express (Block 37 to O'Hare) 634 0 \* Circulators Mid-City Transitway 0 I-94 Edens Express (Jefferson Park to Yellow Line Skokie) 0 \* Employer Shuttles 0 2000 4000 6000 8000 10000 12000 0 Source: Cenus 2000 \* Volumes to be determined pending route refinement

## Where O'Hare Air Traveler Trips Begin or End - 2020 Daily Trips (Entire Alignment)

Screen 2

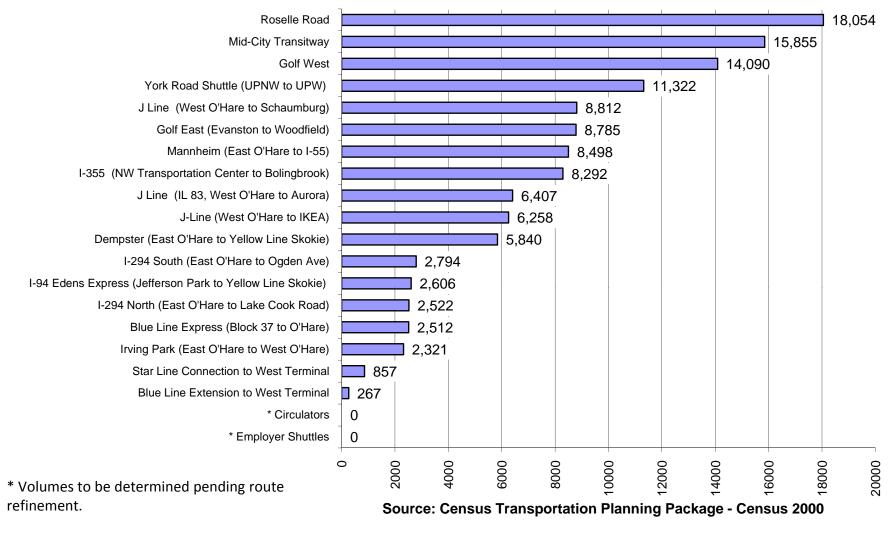


# Where O'Hare Air Traveler Trips Begin or End - 2020 Daily Trips (Study Area Only)



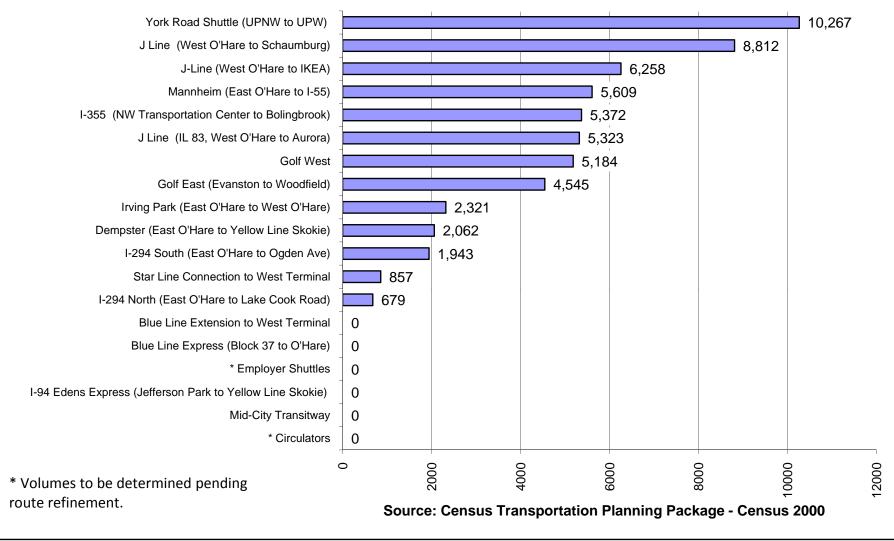
### Where Study Area Workers Live (Entire Alignment)

Screen 2

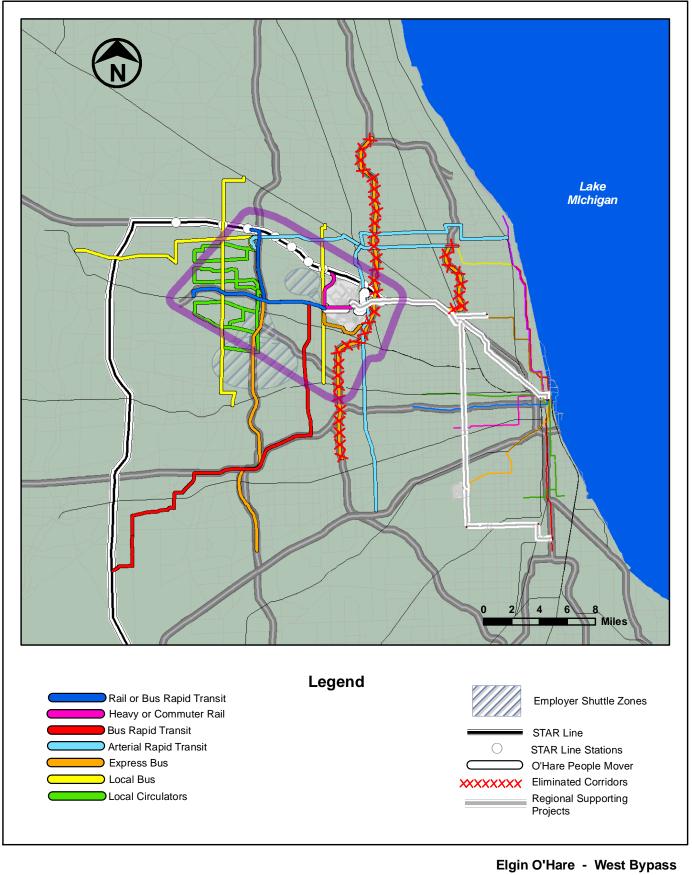


### Where Study Area Workers Live (Study Area Only)

Screen 2



| Screen 2  |         |  |  |  |  |  |
|---|---------|--|--|--|--|--|
| Corridor  | In RTP? |  |  |  |  |  |
| Golf (Evanston to Woodfield)  | Y       |  |  |  |  |  |
| Dempster (East O'Hare to Yellow Line Skokie)                                |         |  |  |  |  |  |
| I-94 Yellow Line Transfer (Jefferson Park to Yellow Line Skokie)            | Ν       |  |  |  |  |  |
| 1-294 to Lake Co (East O'Hare to Lake Cook Road)                            | Y       |  |  |  |  |  |
| 1-294 (East O'Hare to Ogden Ave.)   | Y       |  |  |  |  |  |
| Mannheim (East Airport to I-55)   | Y       |  |  |  |  |  |
| J Line (West Airport to IKEA)   | Y       |  |  |  |  |  |
| Irving Park (East Airport to West Airport)                                  | Ν       |  |  |  |  |  |
| J Line IL 83 (West O'Hare to Aurora and Naperville)                         | Y       |  |  |  |  |  |
| I-355 (Higgins to I-55)   | Y       |  |  |  |  |  |
| York Metra Connection Shuttle   | Ν       |  |  |  |  |  |
| Star Line Connection to West Terminal                                       | Ν       |  |  |  |  |  |
| Mid-City Connector  | Y       |  |  |  |  |  |
| Blue Line Extension to West Terminal  | Y       |  |  |  |  |  |
| CTA Blue Line Express Track   | Y       |  |  |  |  |  |
| Golf West   | Ν       |  |  |  |  |  |
| Roselle Road  | Ν       |  |  |  |  |  |
| J Line (West Airport to Schaumburg)   | Ν       |  |  |  |  |  |
| Local Circulators   | Ν       |  |  |  |  |  |
| Employment Shuttles   | Ν       |  |  |  |  |  |
| Corridors listed in <b>RED</b> have been eliminated from further screening. |         |  |  |  |  |  |



**Results of Level Two Transit Screening** 

Exhibit 5-30

