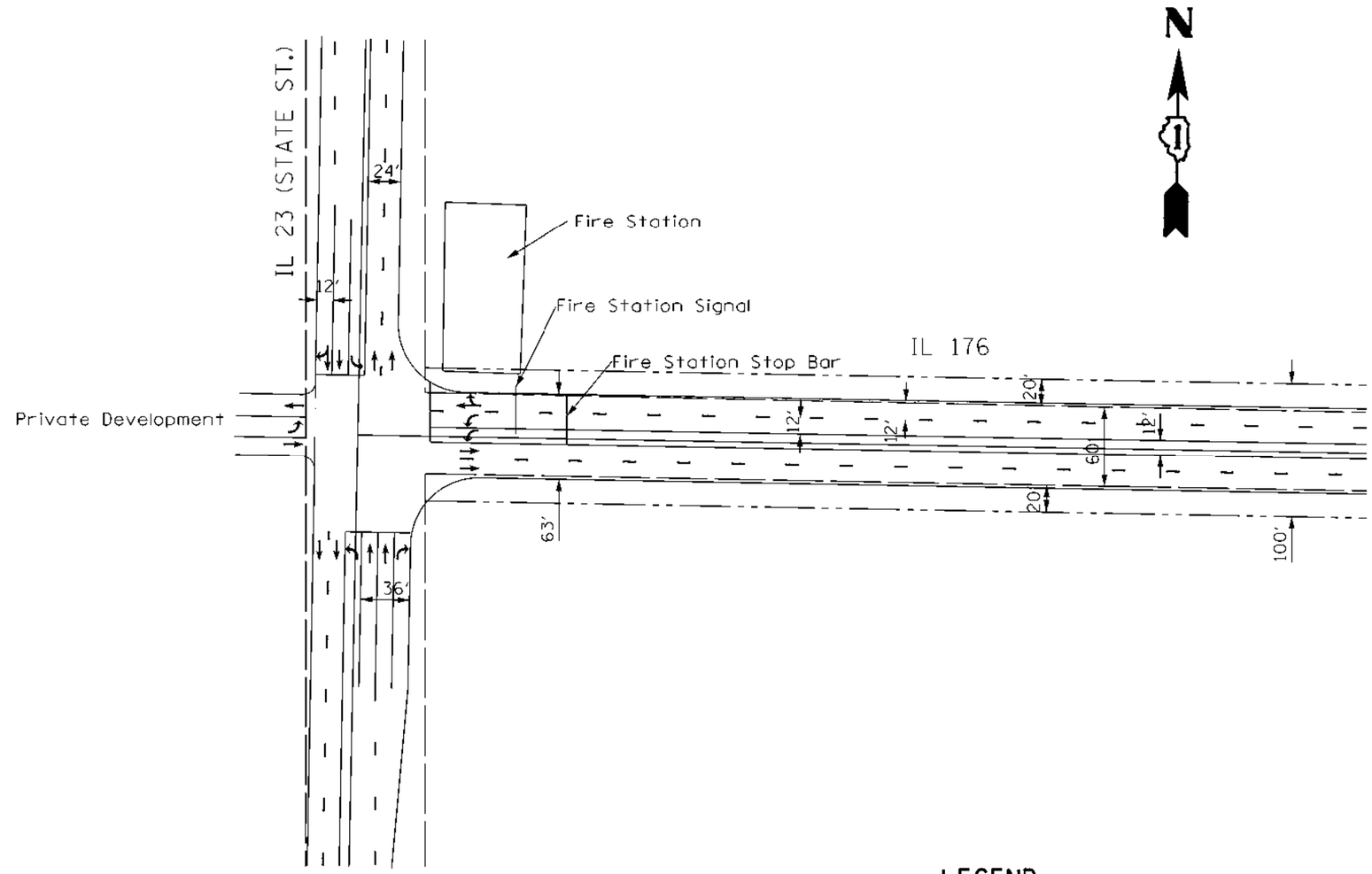
Exhibit D

Intersection Schematics



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

IL 23 (STATE ST.) /IL 176 INTERSECTION DETAIL

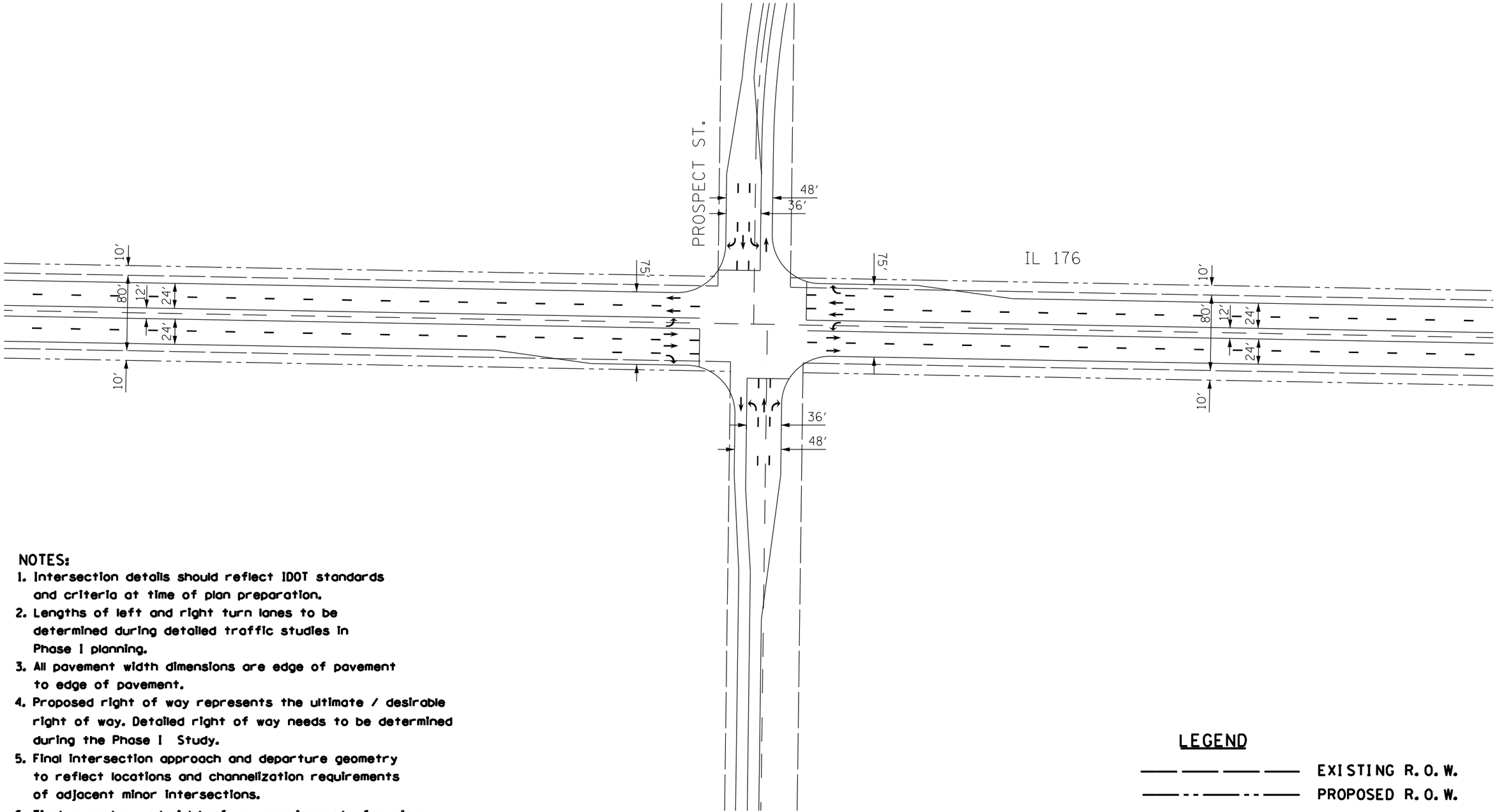
STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–01



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.

PROPOSED R.O.W.

PROPOSED ℄

PROSPECT ST. / IL 176 INTERSECTION DETAIL

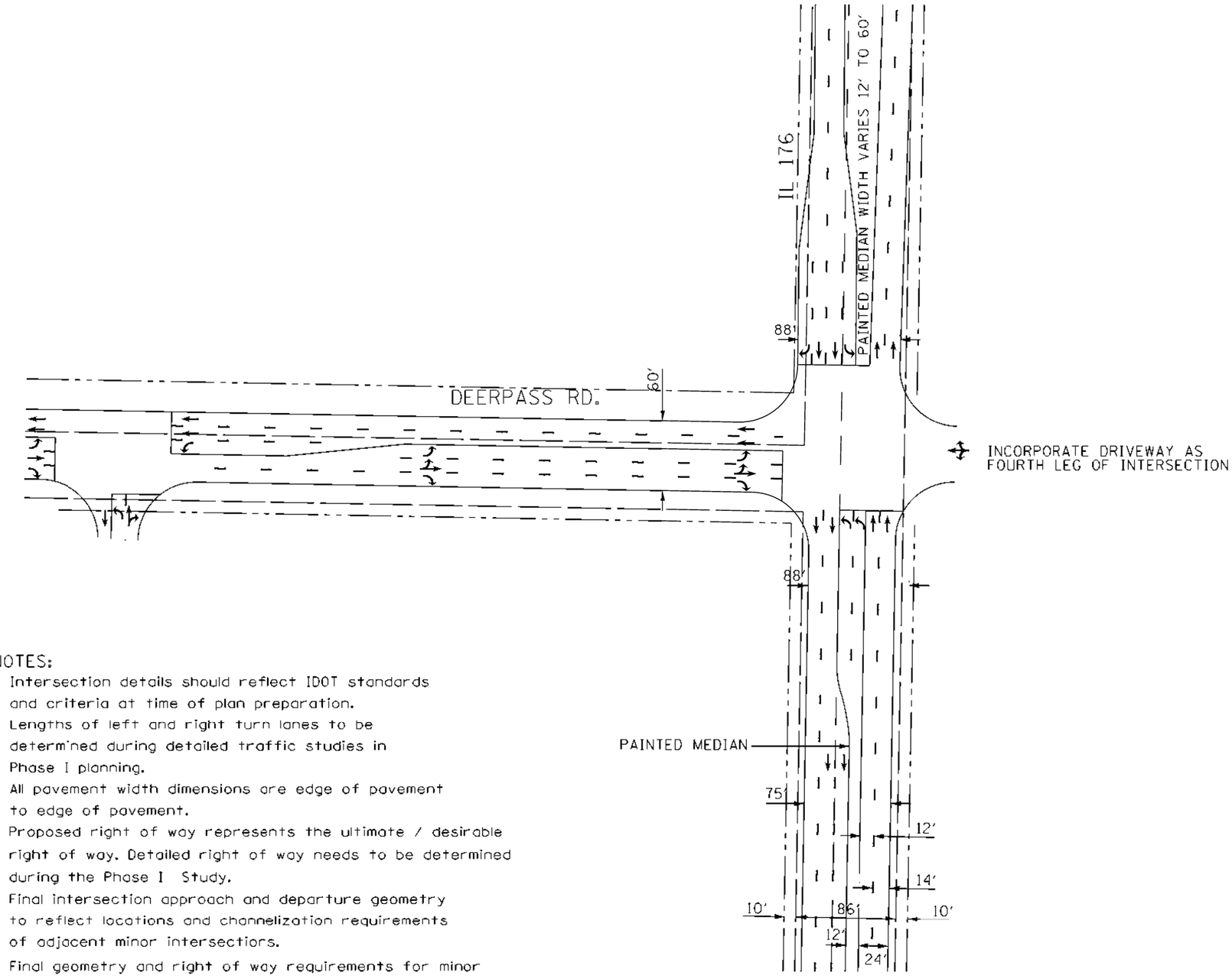
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–02



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.
PROPOSED R. O. W.
PROPOSED ℄

DEERPASS RD. / IL 176 INTERSECTION DETAIL

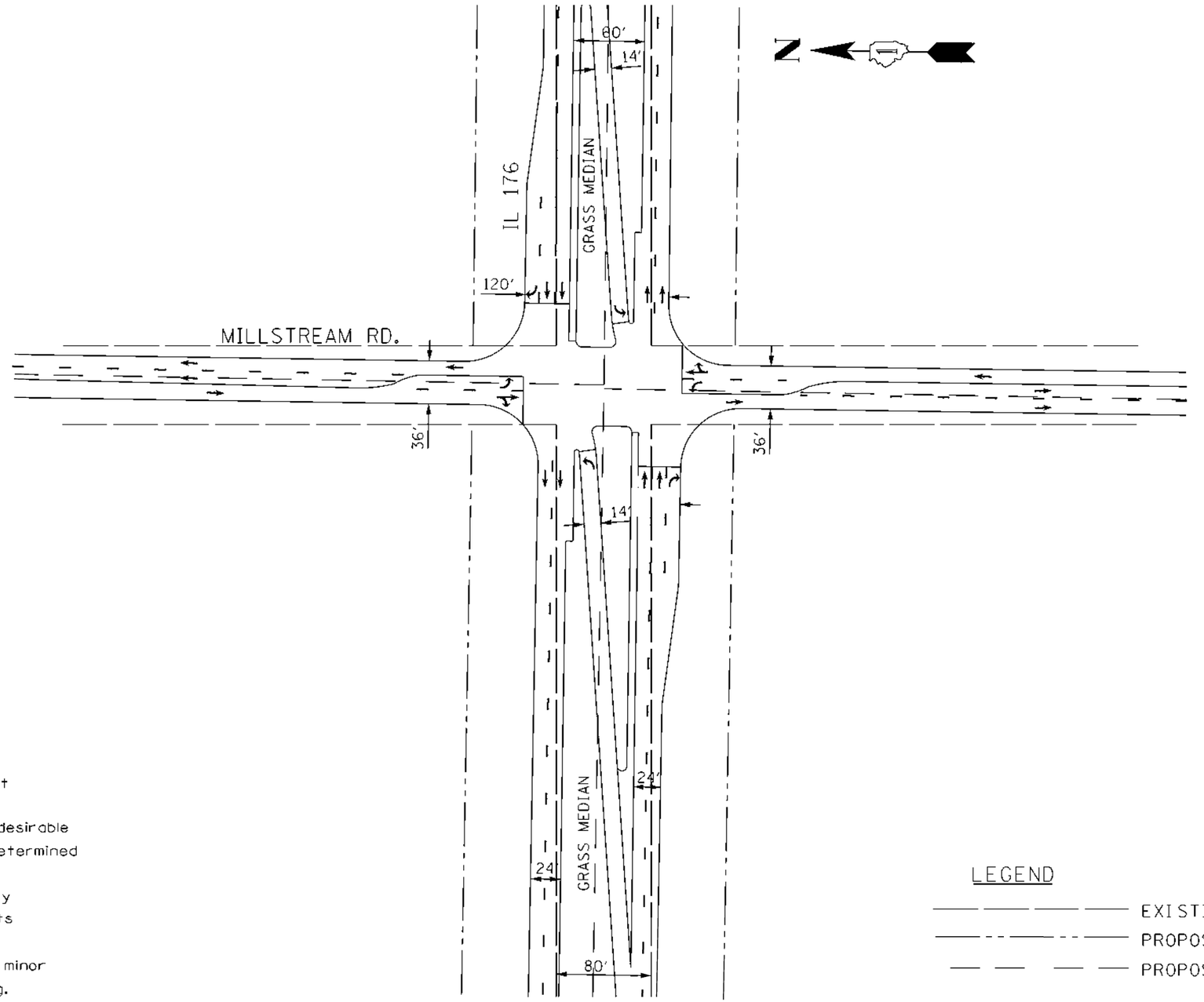
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–03



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

MILLSTREAM RD. / IL 176 INTERSECTION DETAIL

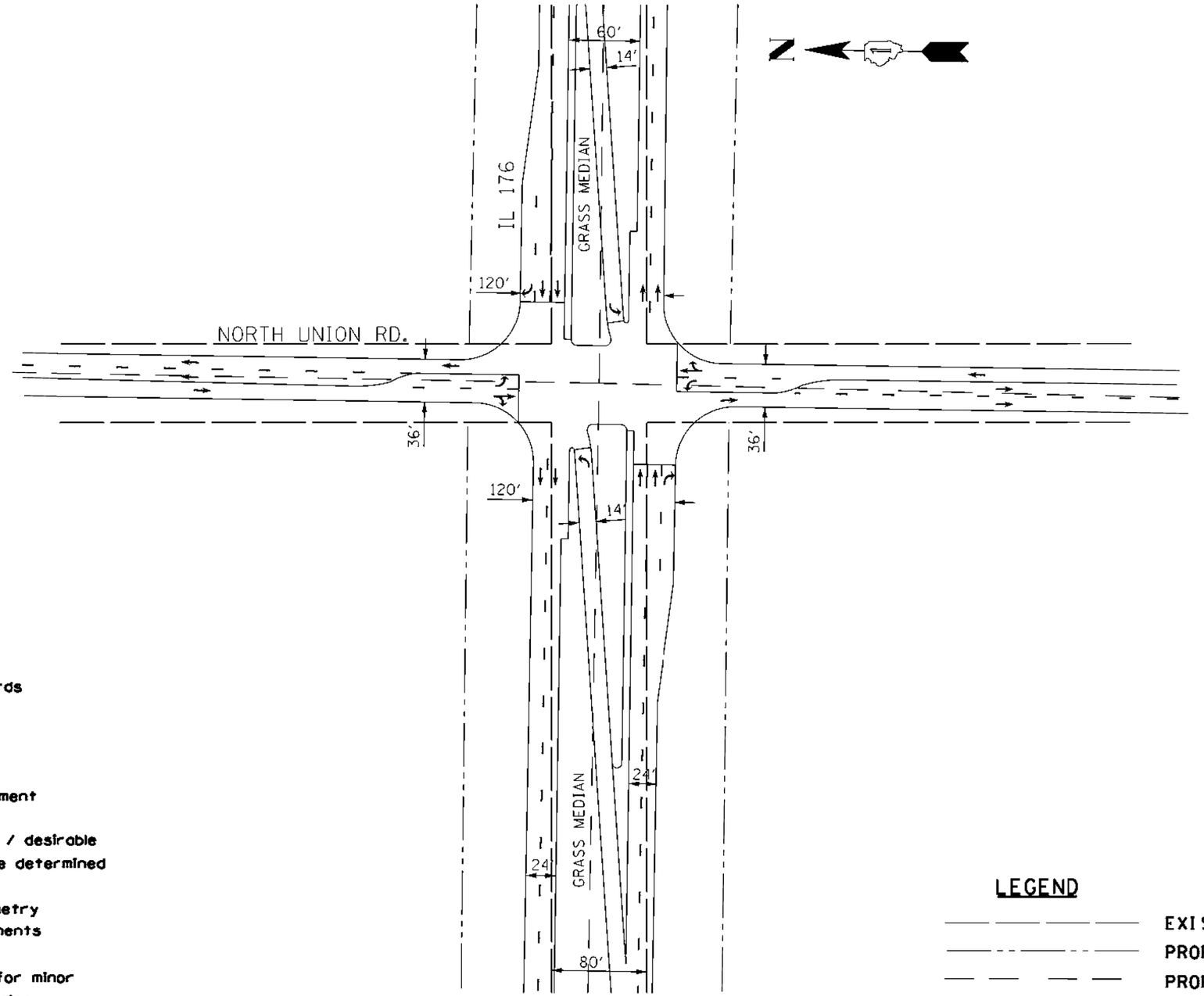
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–04



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.
PROPOSED R. O. W.
PROPOSED ℄

NORTH UNION RD. / IL 176 INTERSECTION DETAIL

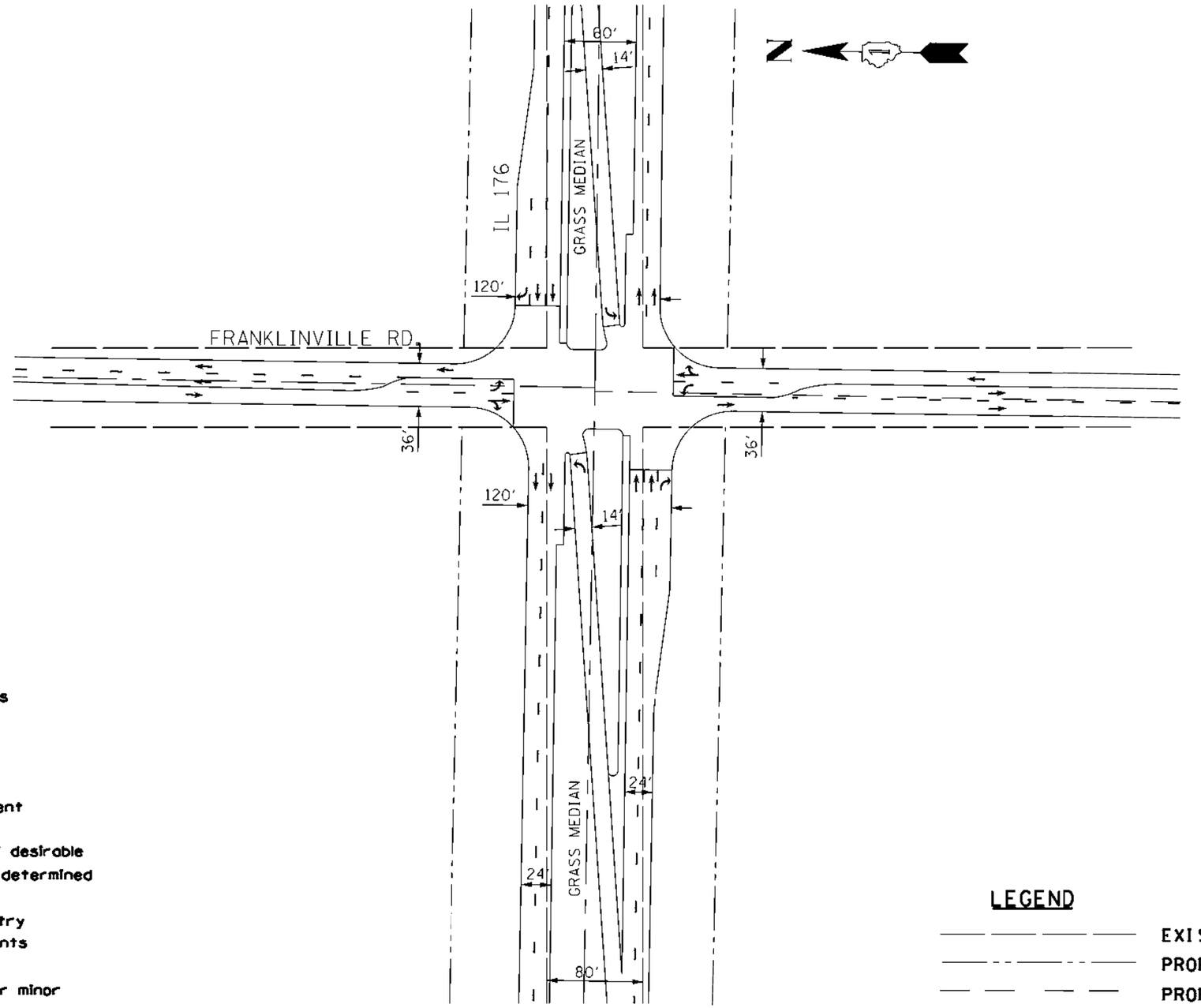
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–05



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

FRANKLINVILLE RD. / IL 176 INTERSECTION DETAIL

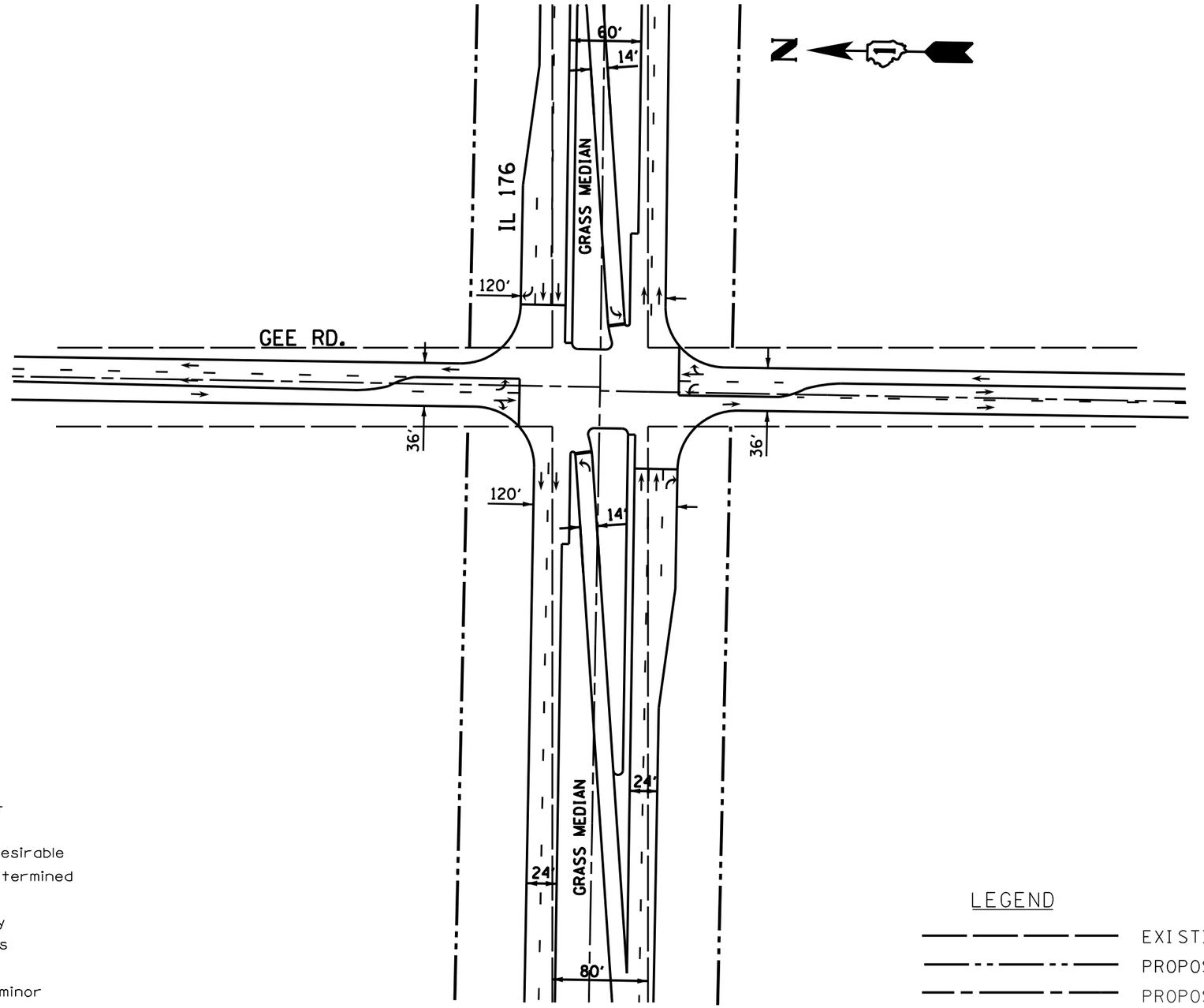
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–06



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.
PROPOSED R.O.W.
PROPOSED ℄

GEE RD. / IL 176 INTERSECTION DETAIL

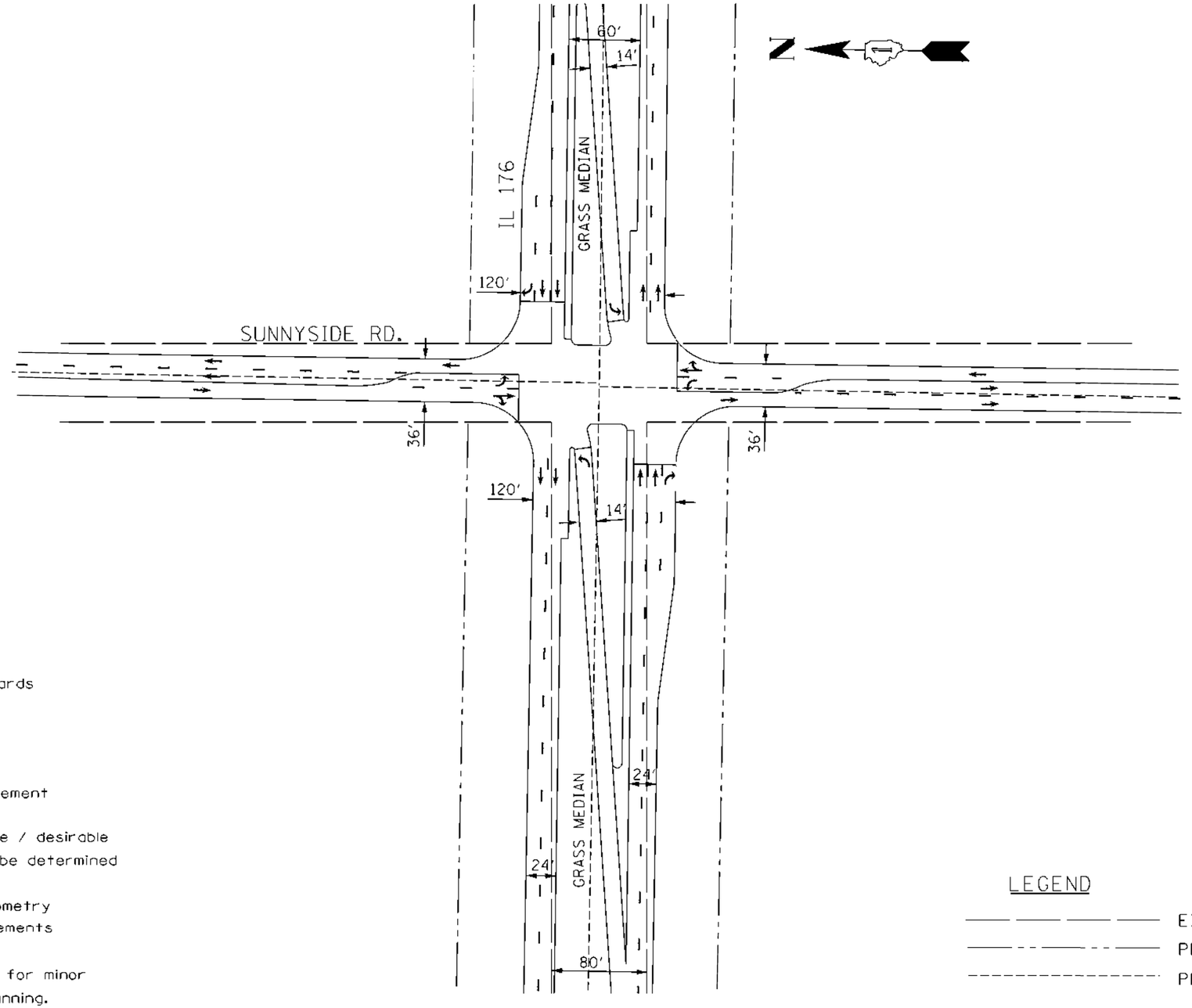
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–07



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

SUNNYSIDE RD. / IL 176 INTERSECTION DETAIL

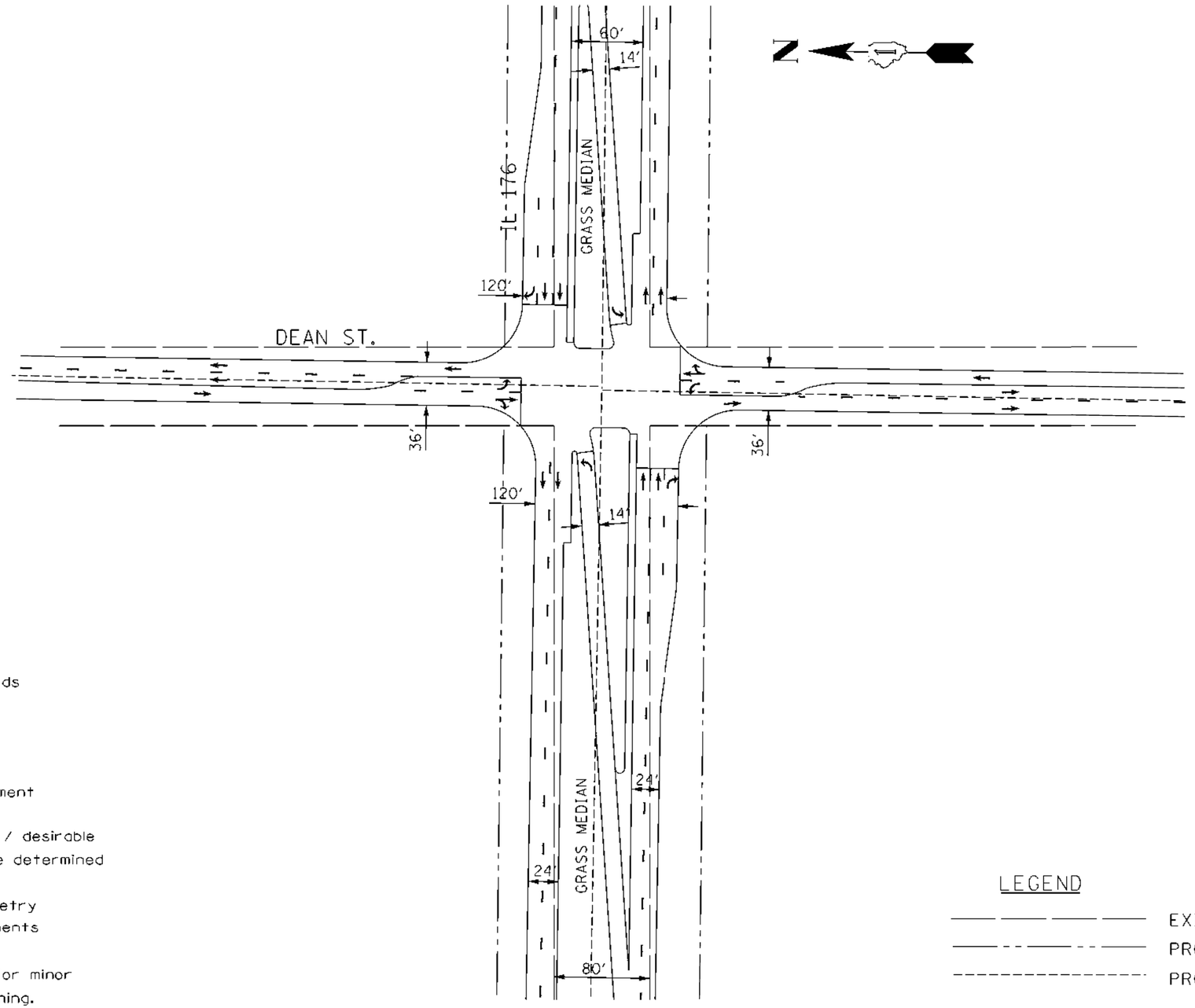
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–08



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

DEAN ST. / IL 176 INTERSECTION DETAIL

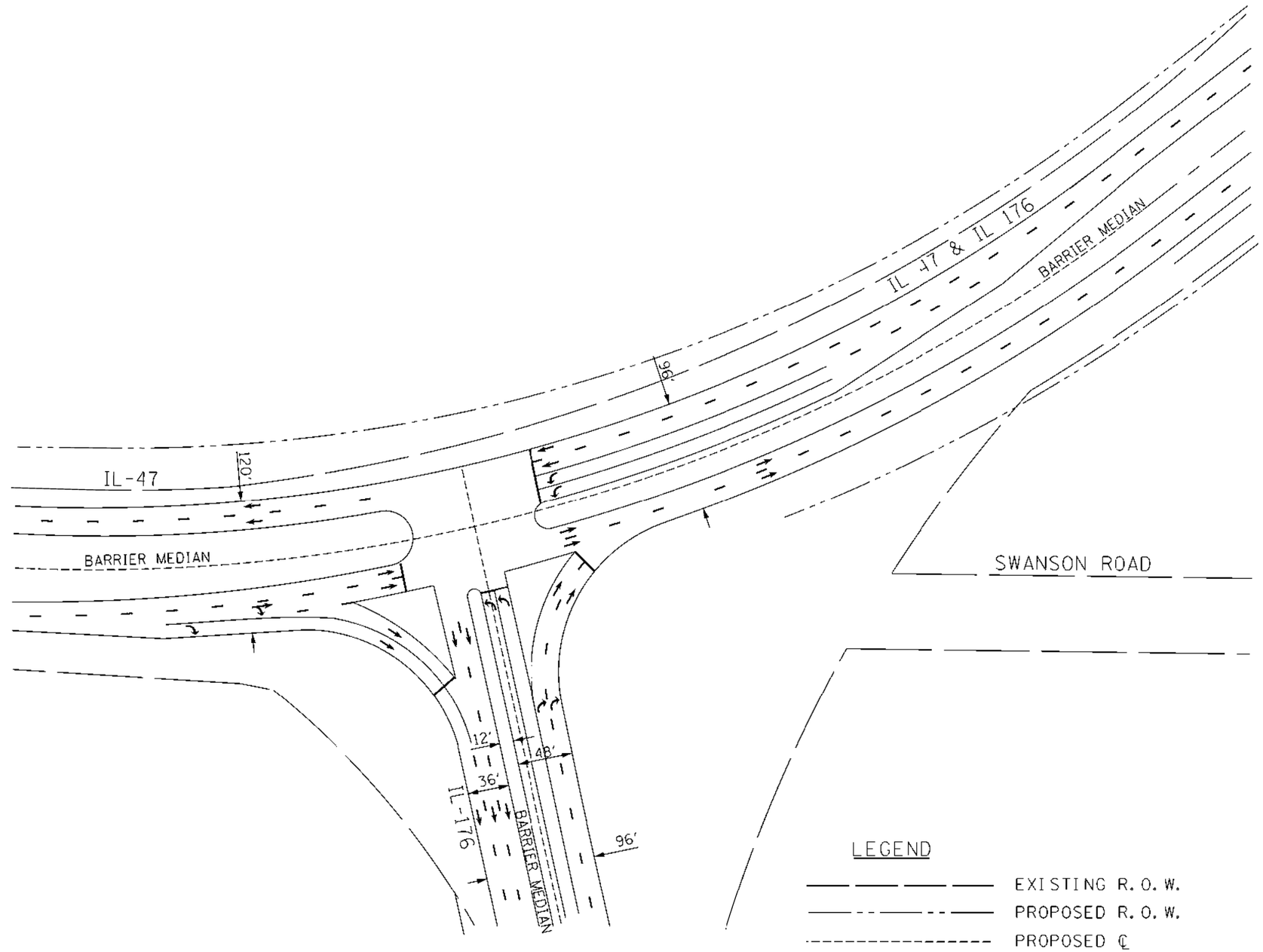
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–09



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.
PROPOSED R. O. W.
PROPOSED ℄

IL 47 / IL 176 INTERSECTION DETAIL (NORTH)

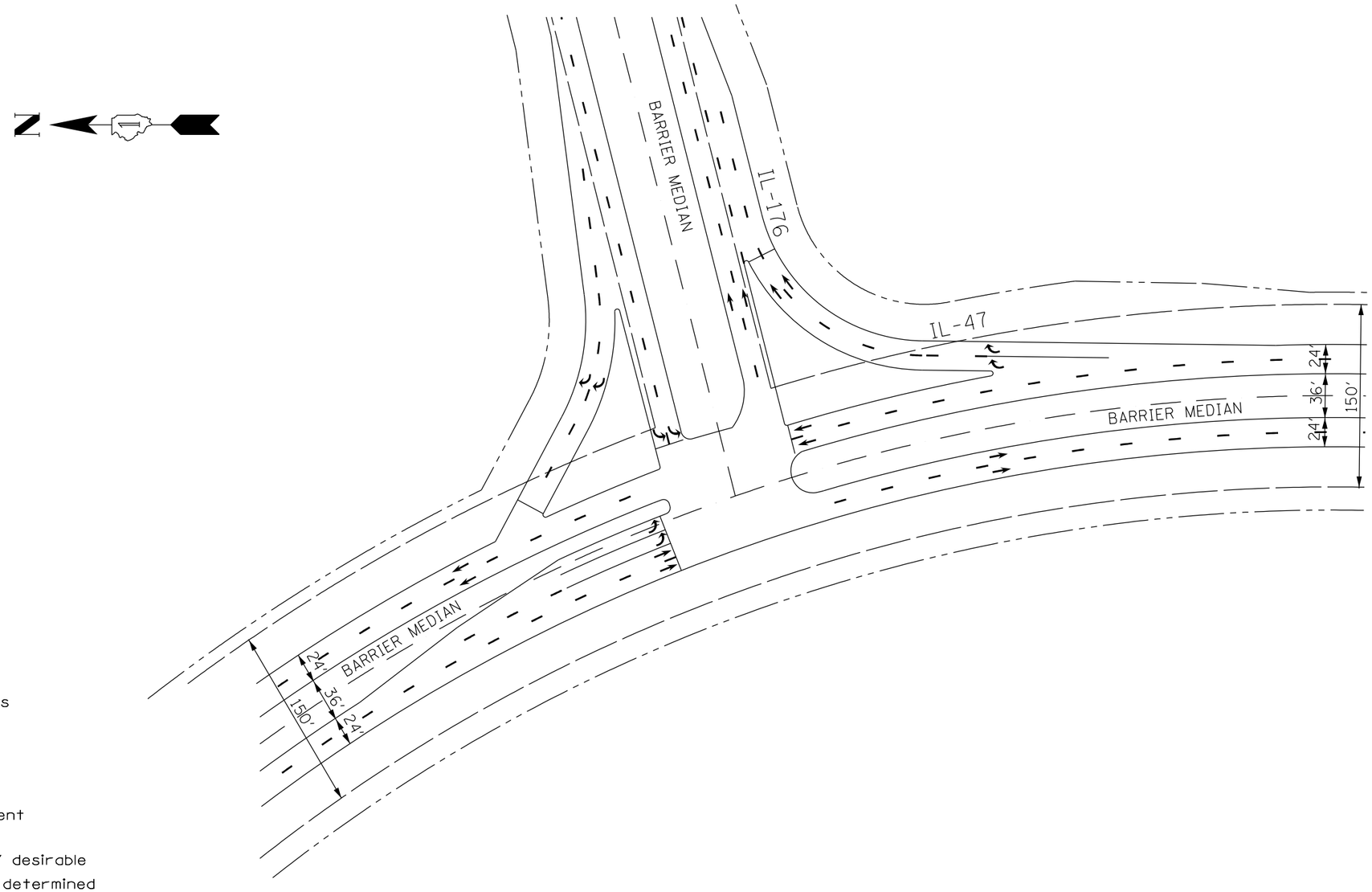
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–10



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.

PROPOSED R.O.W.

PROPOSED ℄

IL 47 / IL 176 INTERSECTION DETAIL (SOUTH)

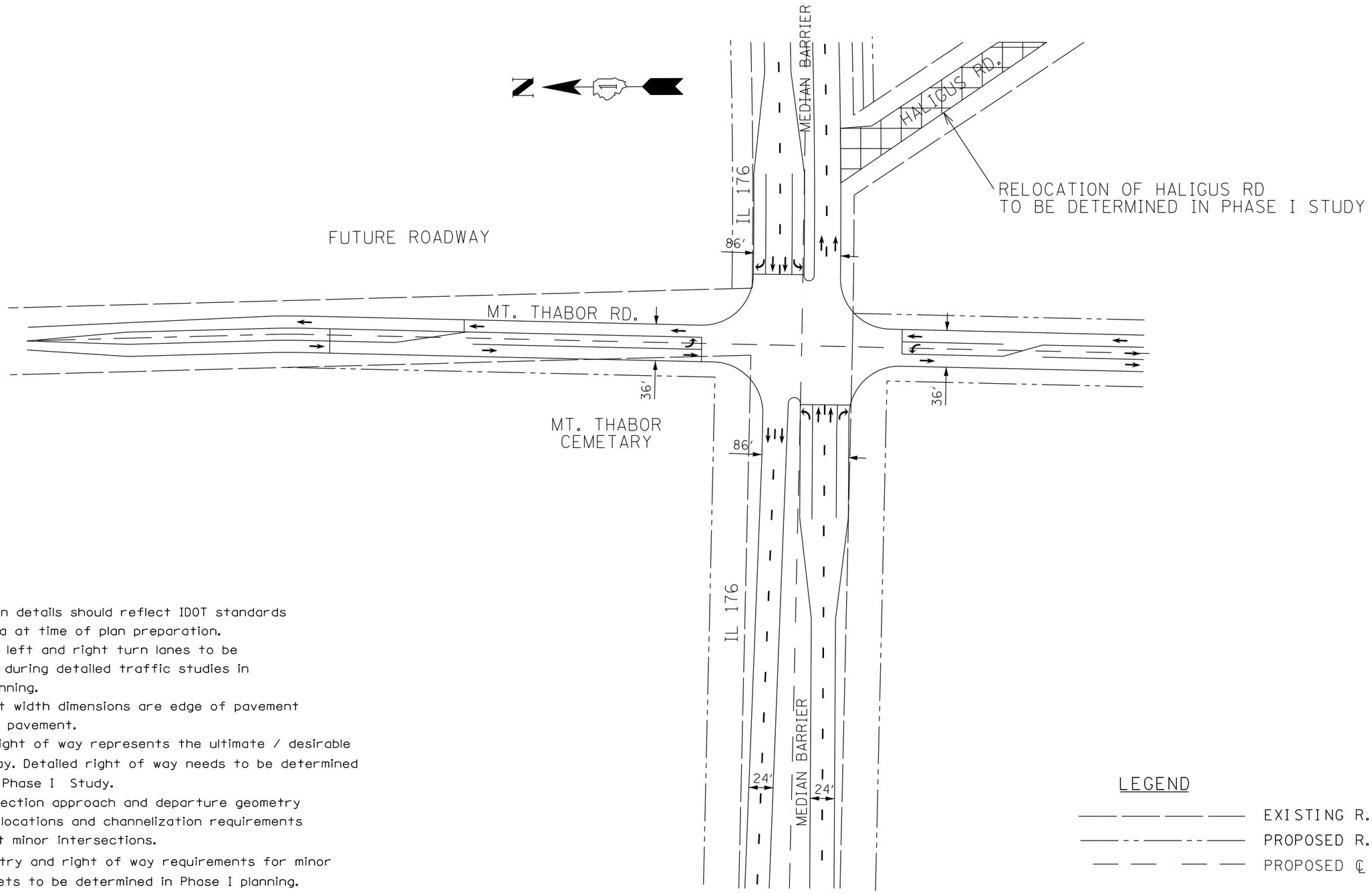
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–11



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.
PROPOSED R.O.W.
PROPOSED ℄

MT. THABOR RD. / IL 176 INTERSECTION DETAIL

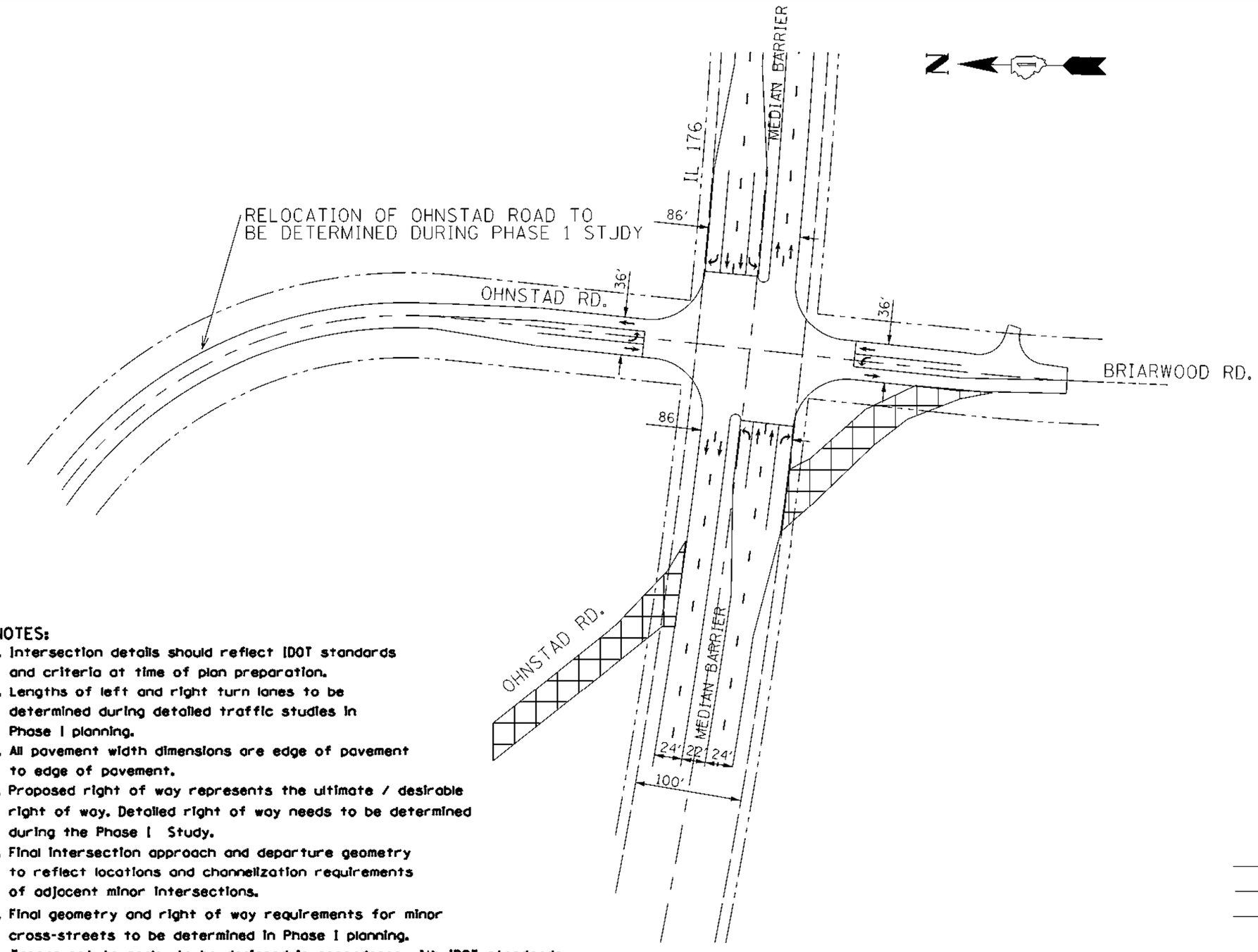
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–12



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.
PROPOSED R. O. W.
PROPOSED ℄

OHNSTAD RD. / IL 176 INTERSECTION DETAIL

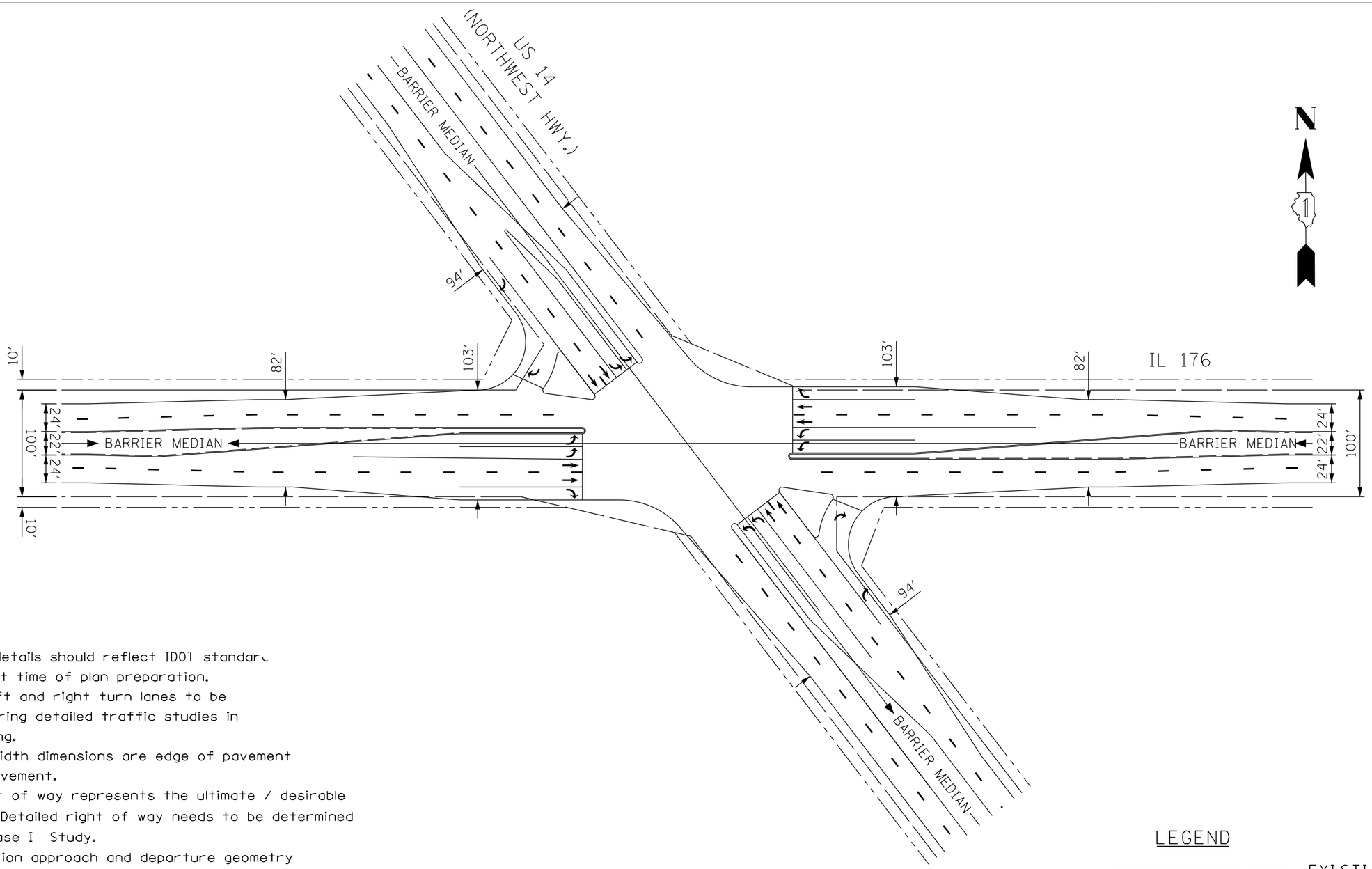
STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–13



1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.
PROPOSED R.O.W.
PROPOSED ℄

IL 176 / US 14 (NORTHWEST HWY.) INTERSECTION DETAIL

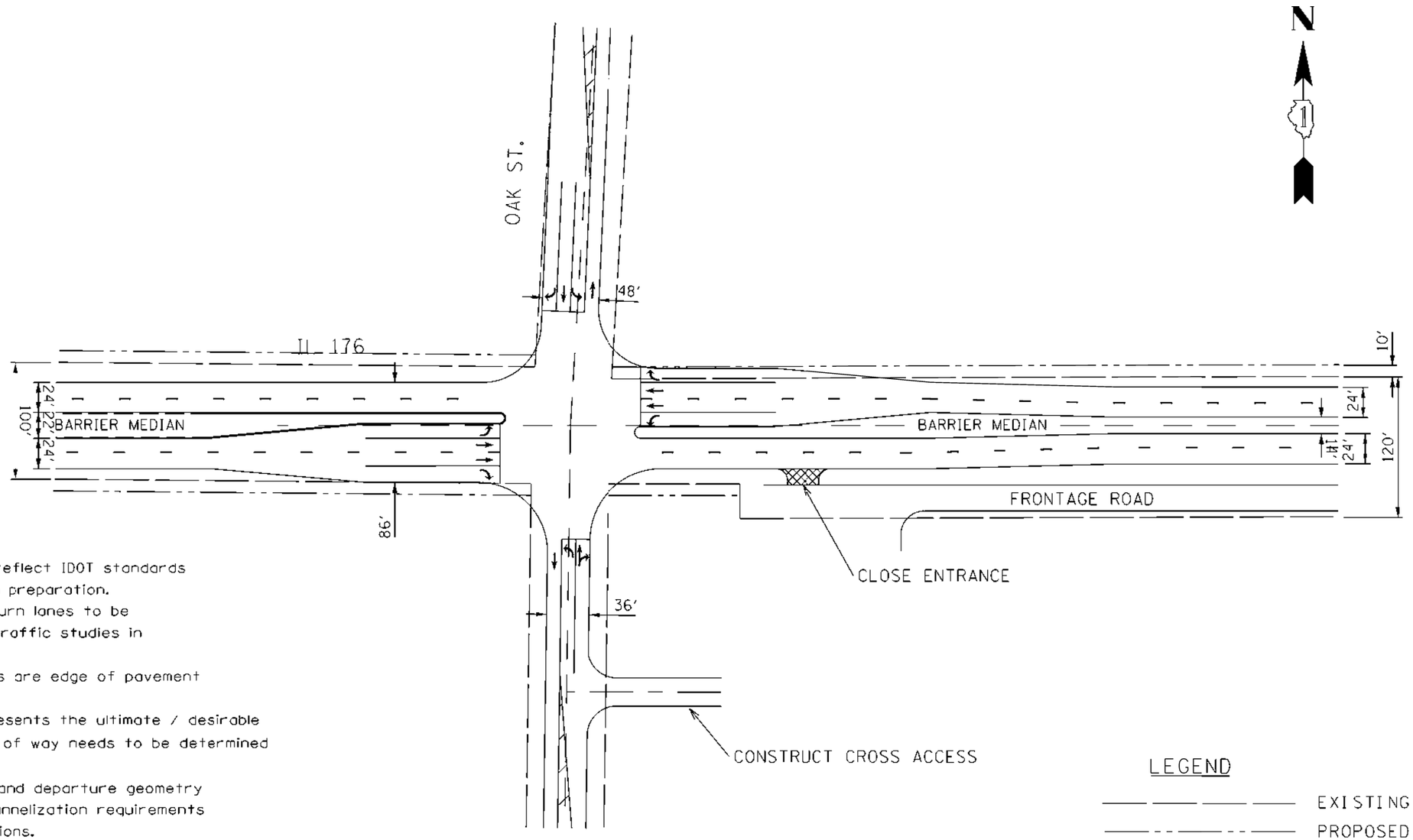
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–14



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

IL 176 / OAK ST. INTERSECTION DETAIL

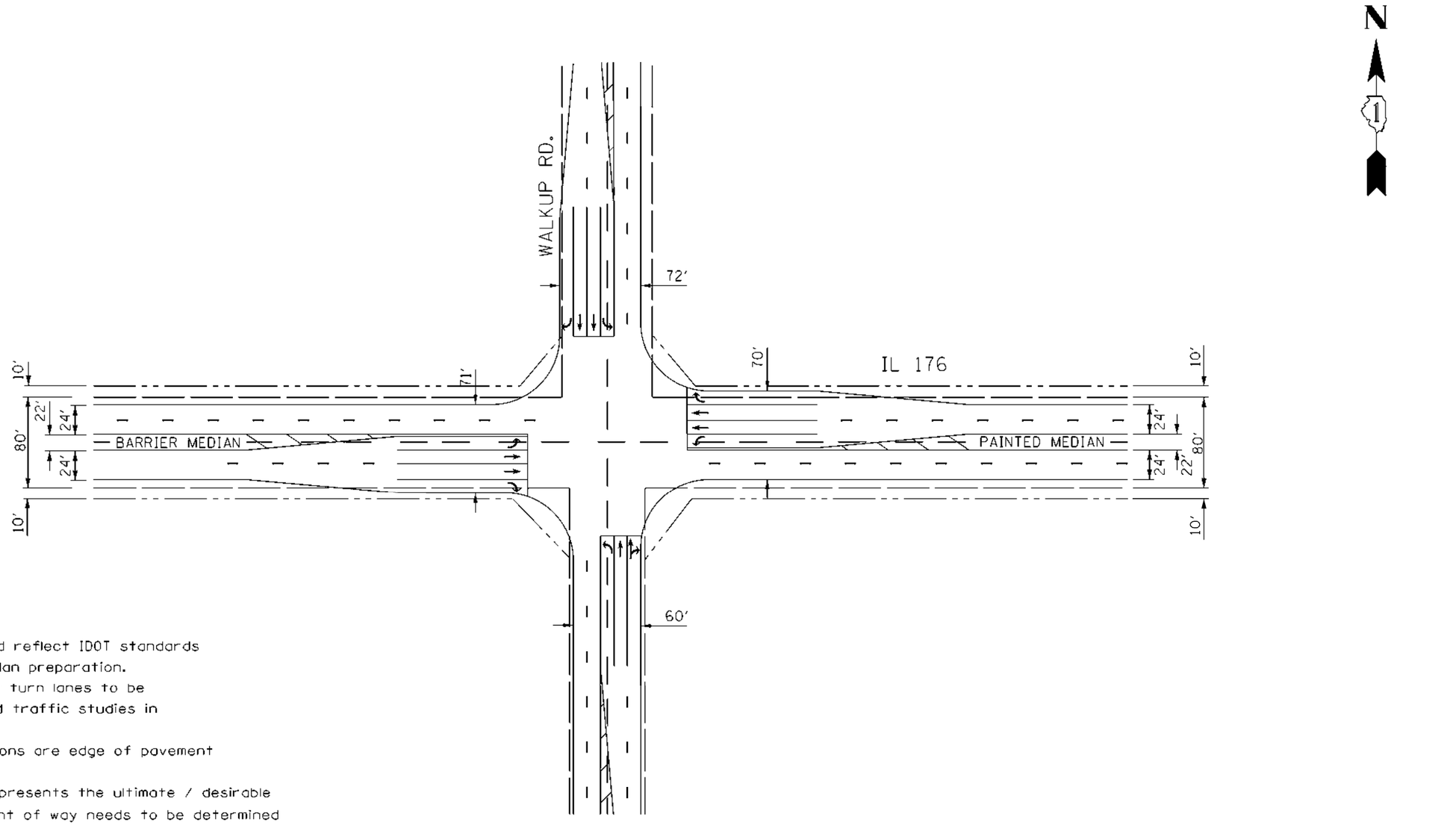
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–15



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

IL 176 / WALKUP RD. INTERSECTION DETAIL

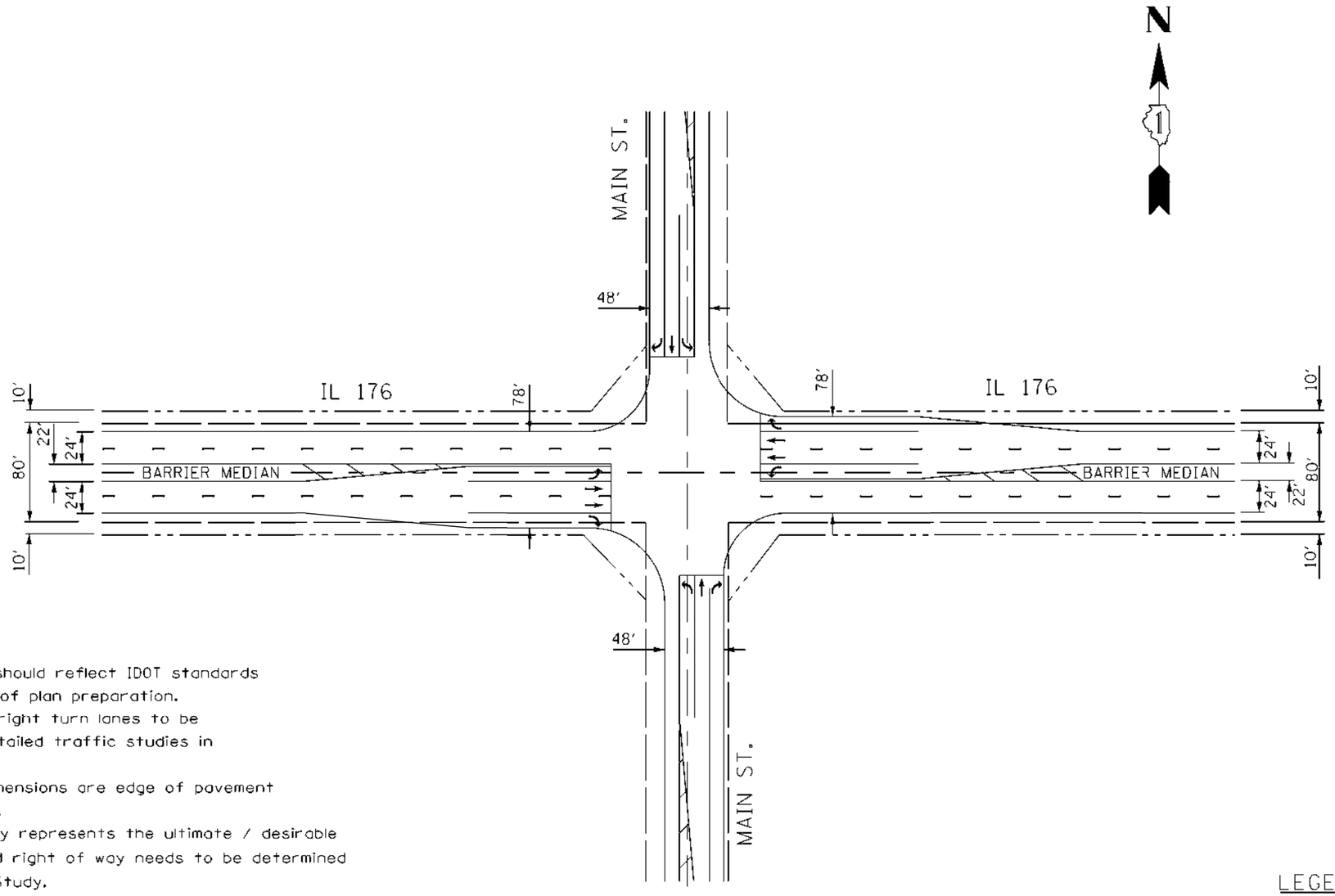
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–16



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

IL 176 / MAIN STREET INTERSECTION DETAIL

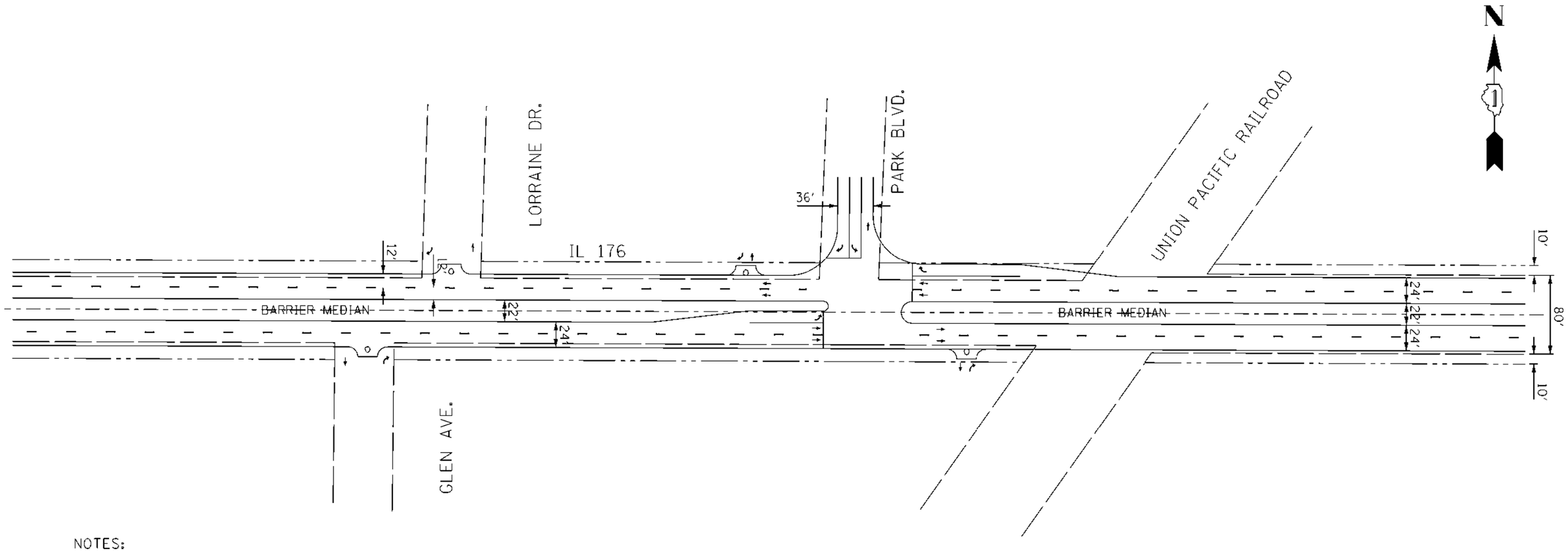
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–17



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

IL 176 / PARK BLVD. INTERSECTION DETAIL

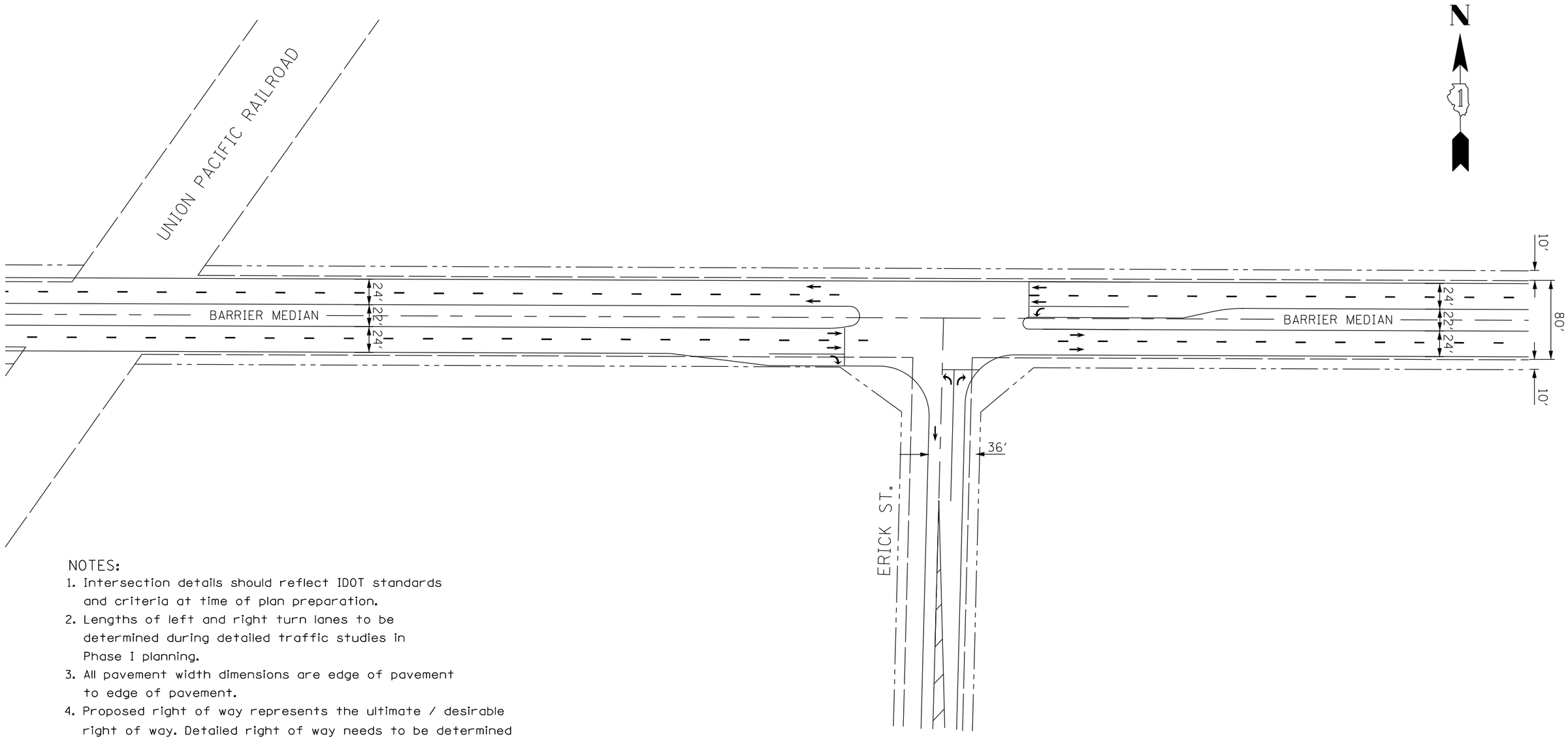
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–18



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.

PROPOSED R.O.W.

PROPOSED ℄

ERICK ST. / IL 176 INTERSECTION DETAIL

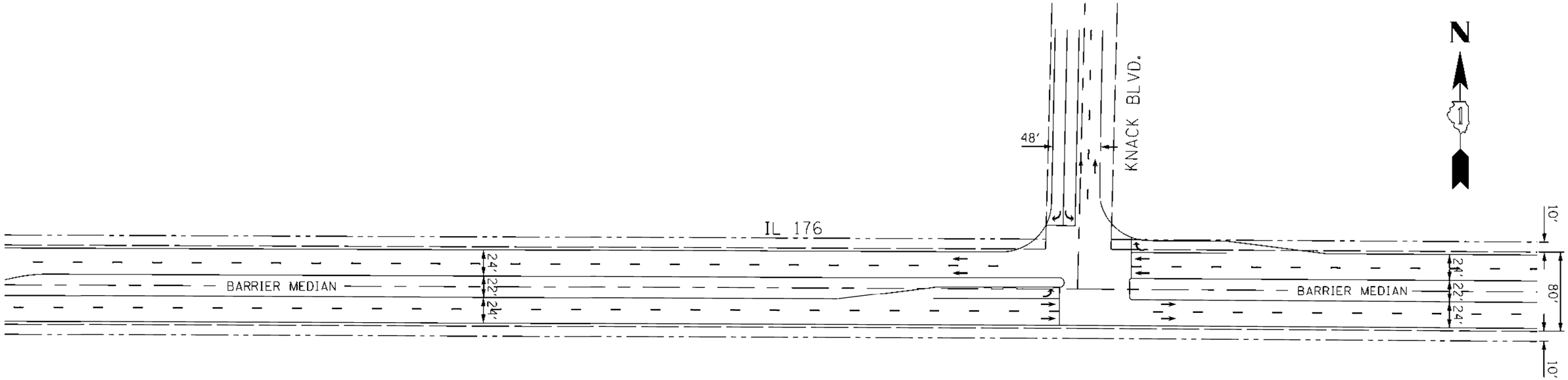
STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–19



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

KNACK BLVD / IL 176 INTERSECTION DETAIL

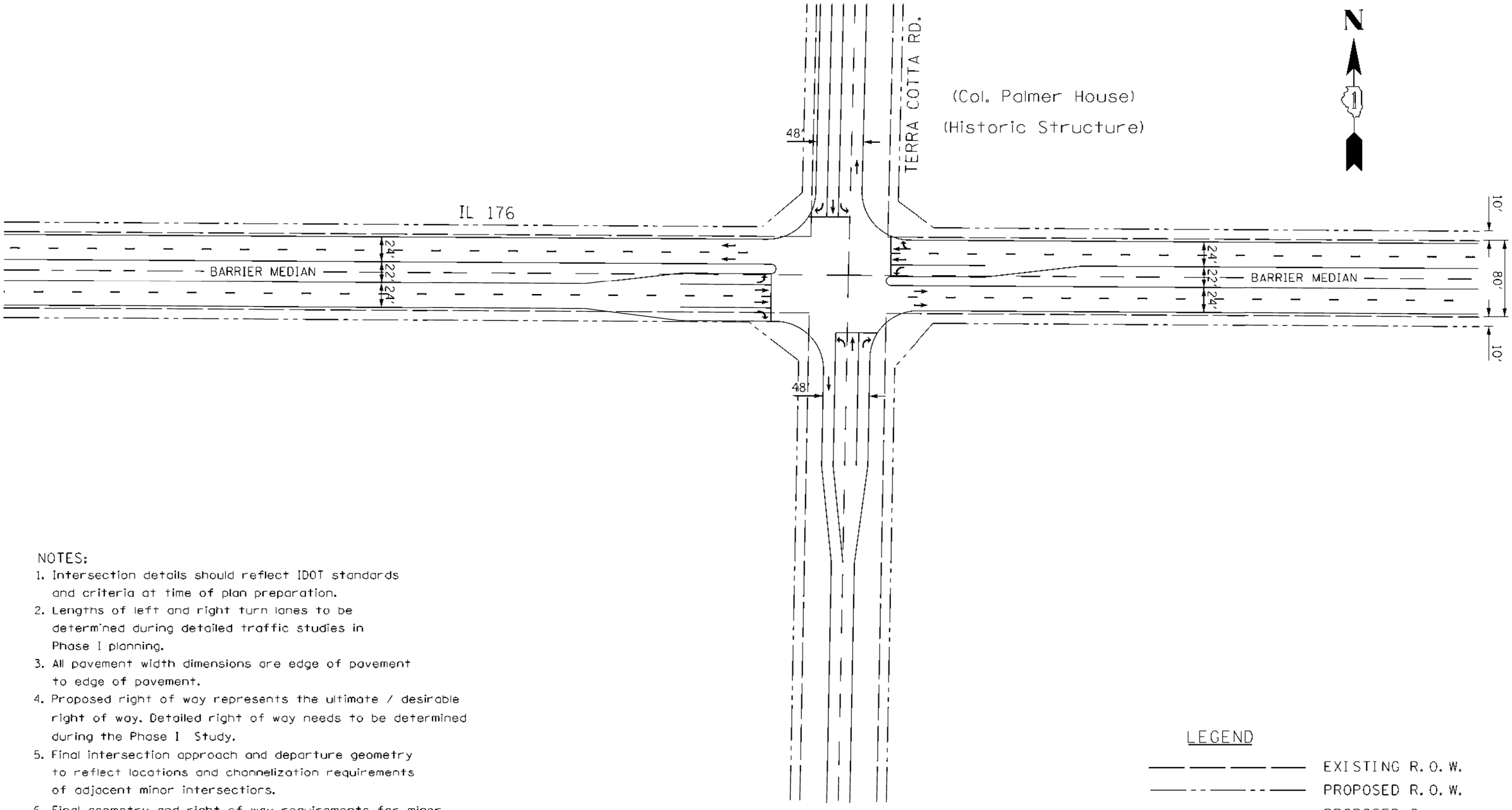
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–20



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

TERRA COTTA ROAD / IL 176 INTERSECTION DETAIL

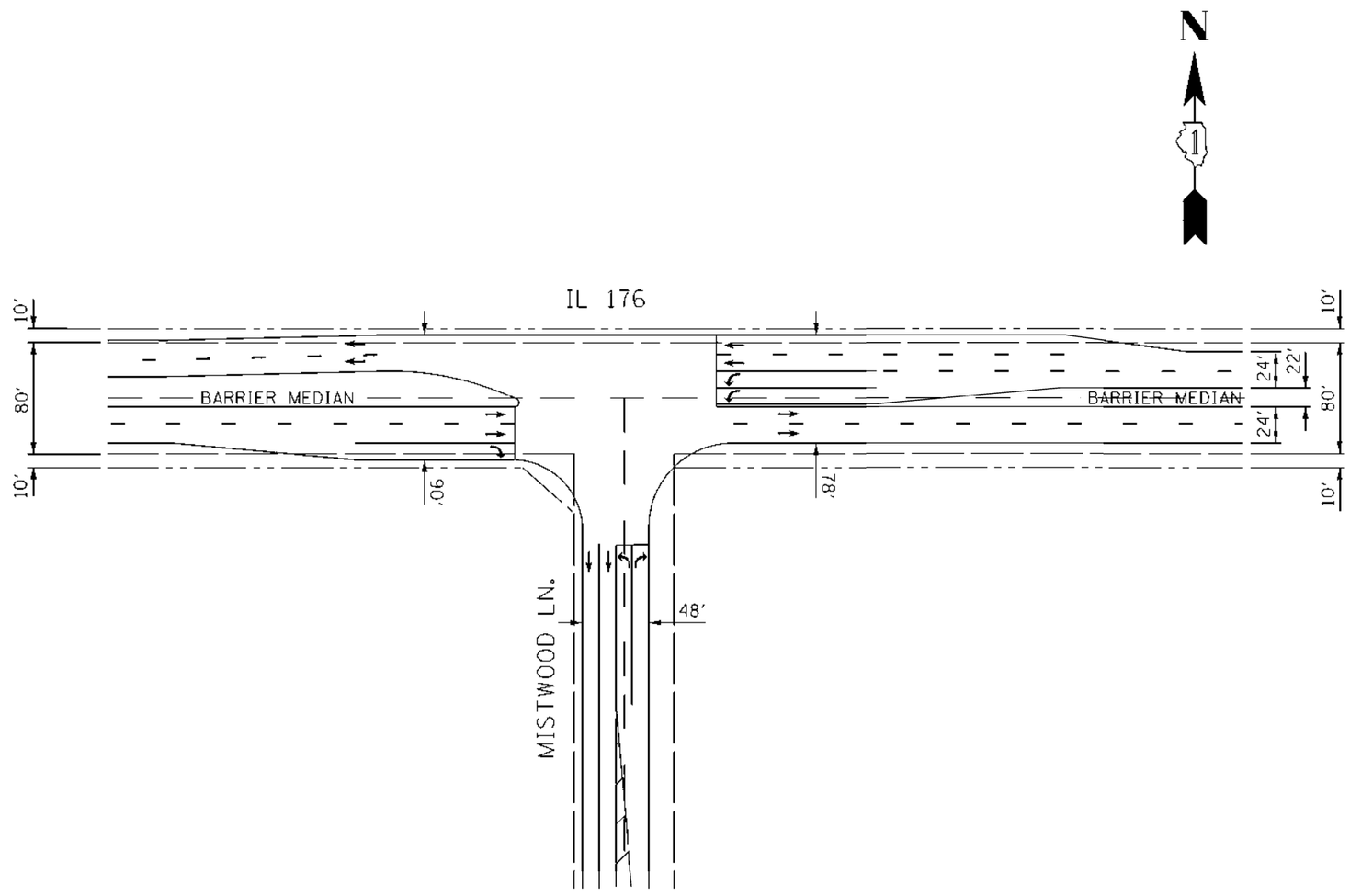
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–21



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

IL 176 / MISTWOOD LN. INTERSECTION DETAIL

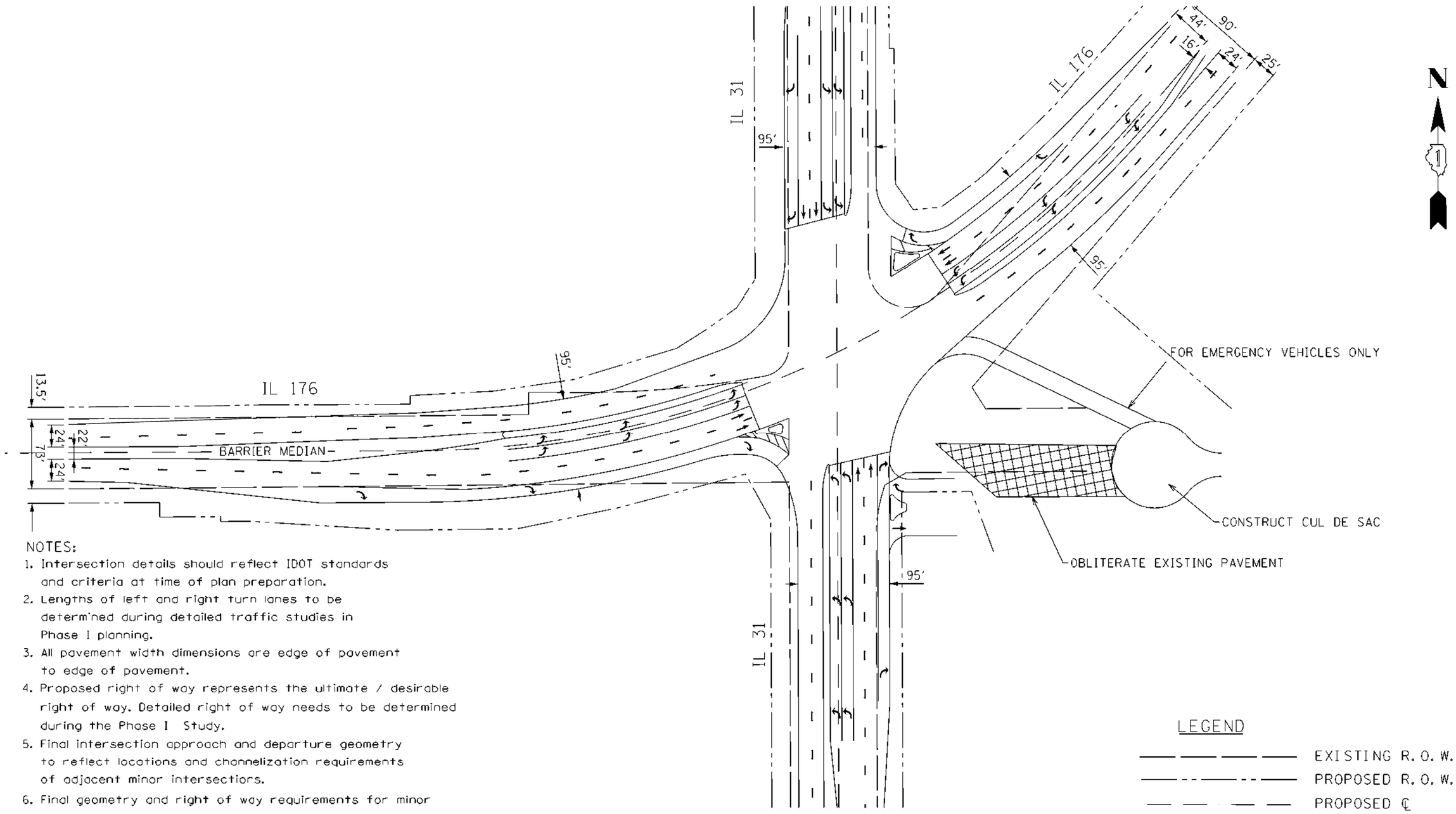
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–22



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

IL 31 / IL 176 INTERSECTION DETAIL

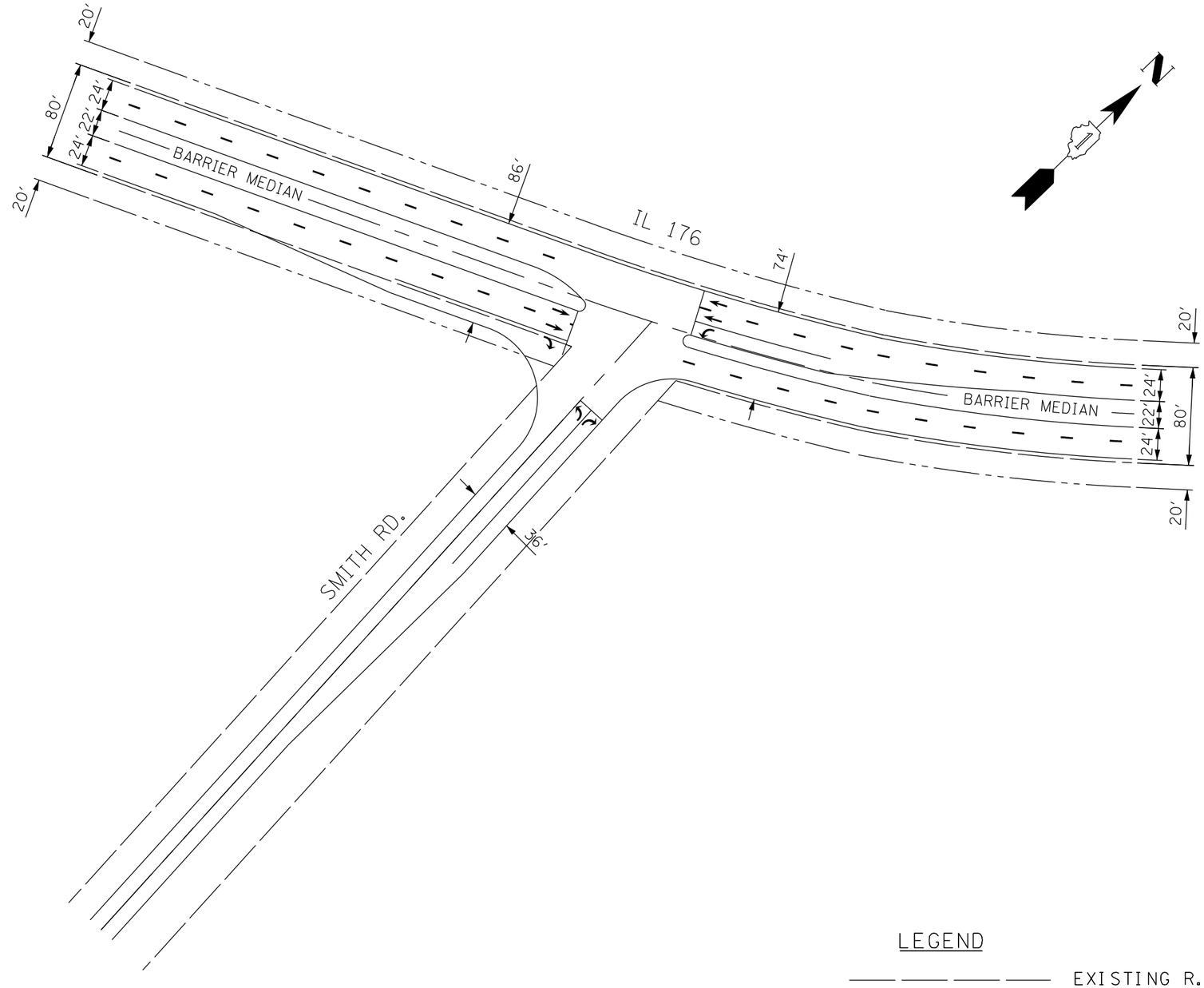
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–23



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.
PROPOSED R.O.W.
PROPOSED ℄

IL 176 / SMITH RD. INTERSECTION DETAIL

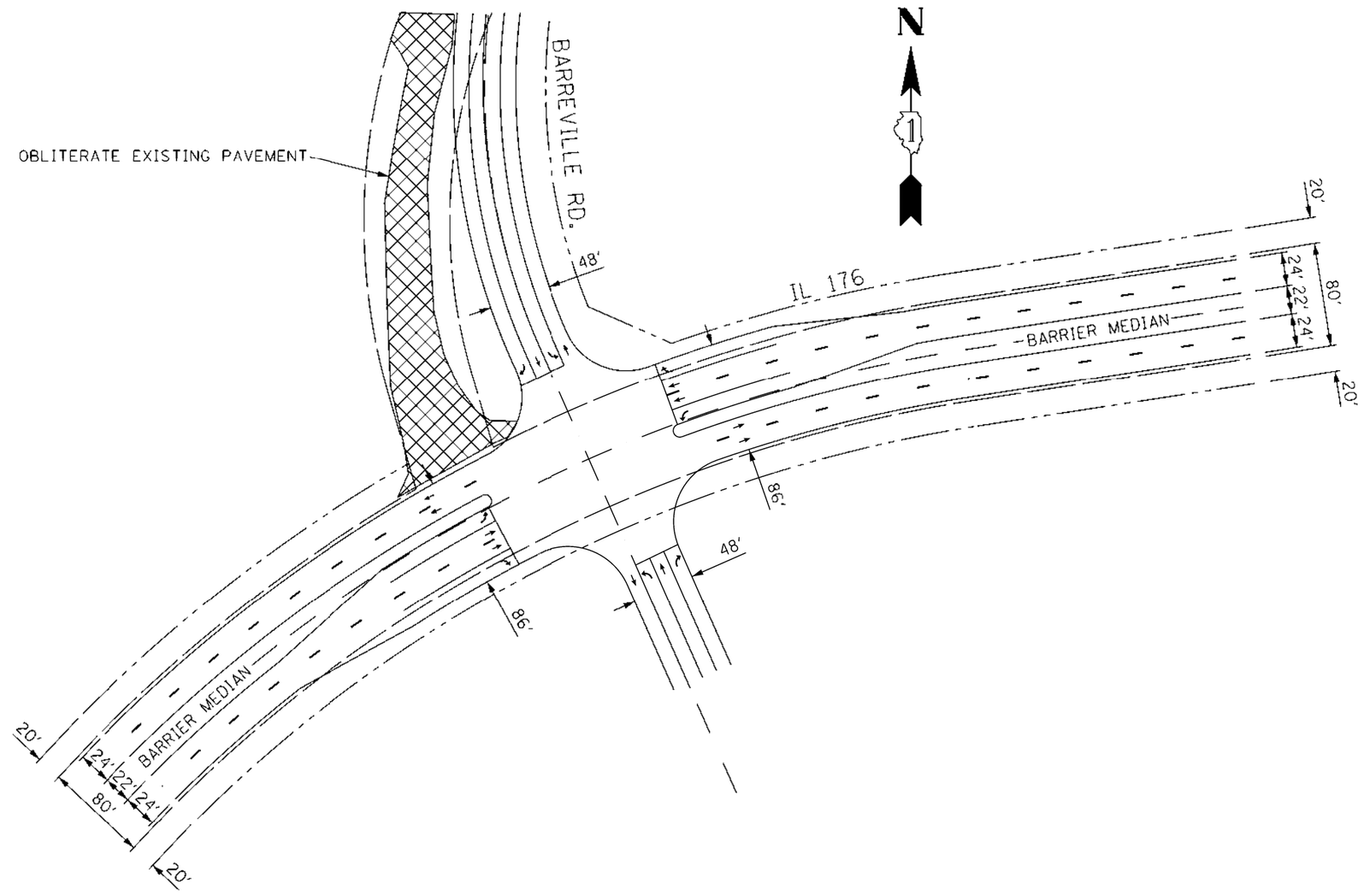
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D– 23A



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

BARREVILLE RD. / IL 176 INTERSECTION DETAIL

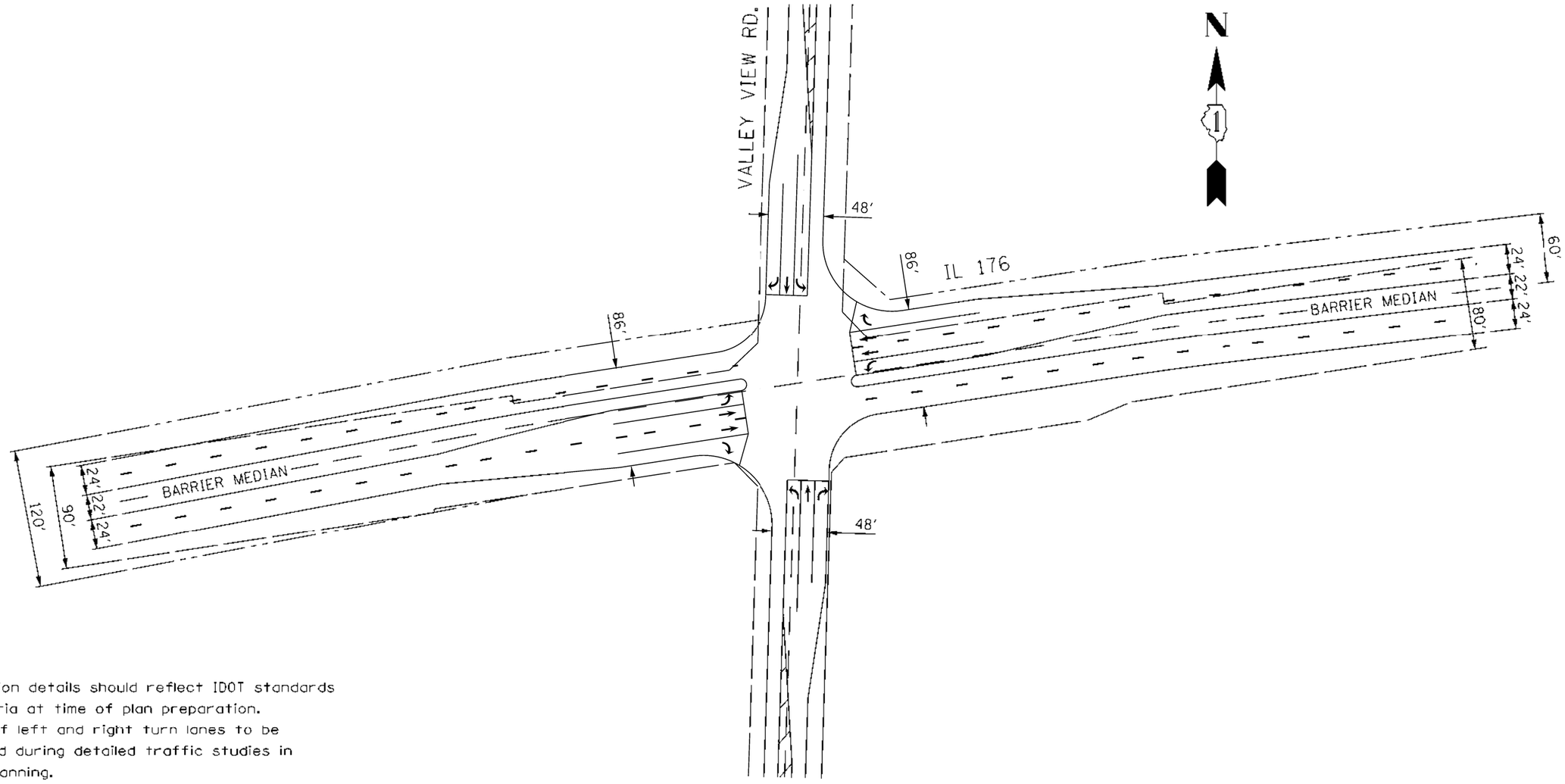
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–24



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

VALLEY VIEW RD /IL 176 INTERSECTION DETAIL

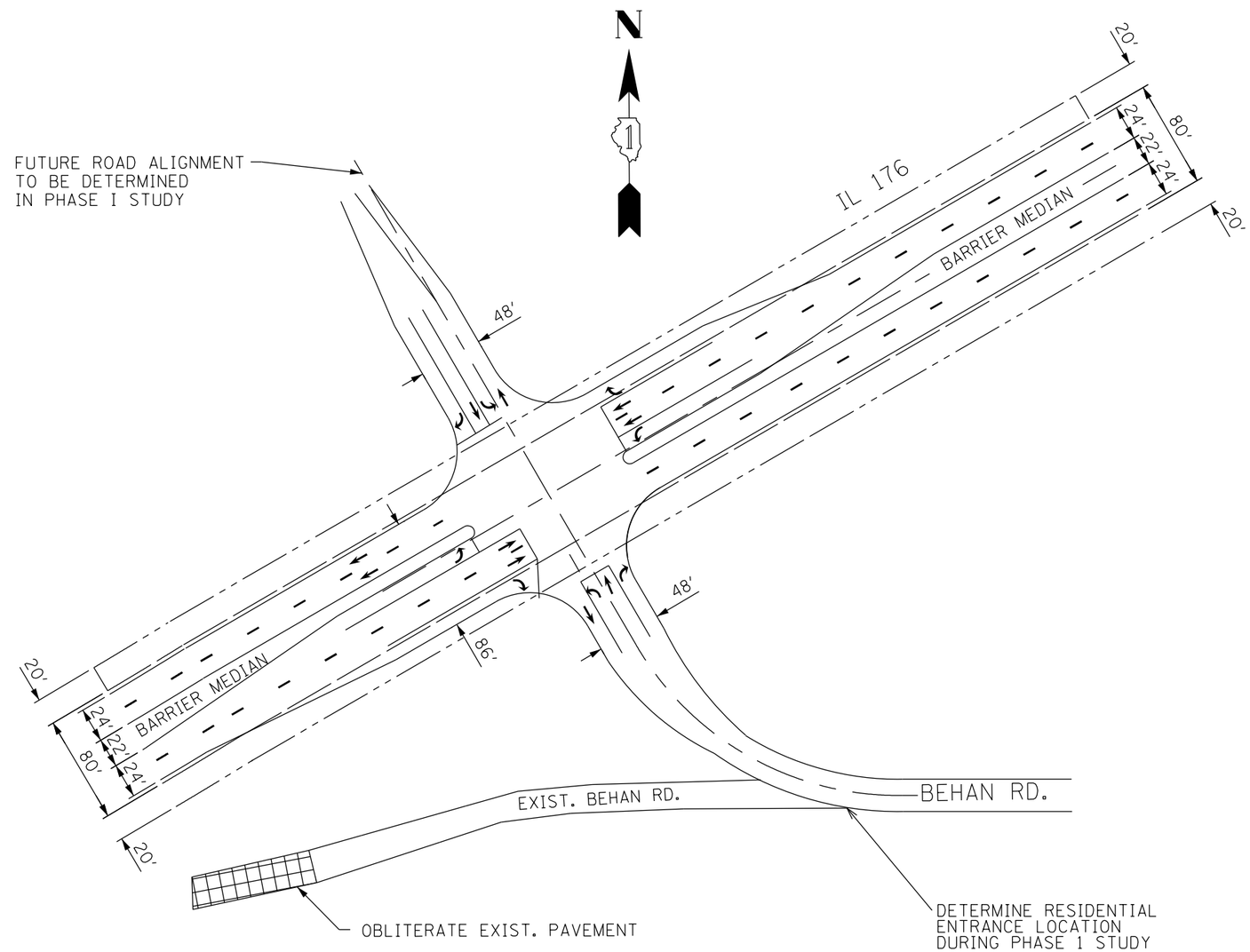
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–25



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.
PROPOSED R.O.W.
PROPOSED ℄

BEHAN RD. / IL 176 INTERSECTION DETAIL

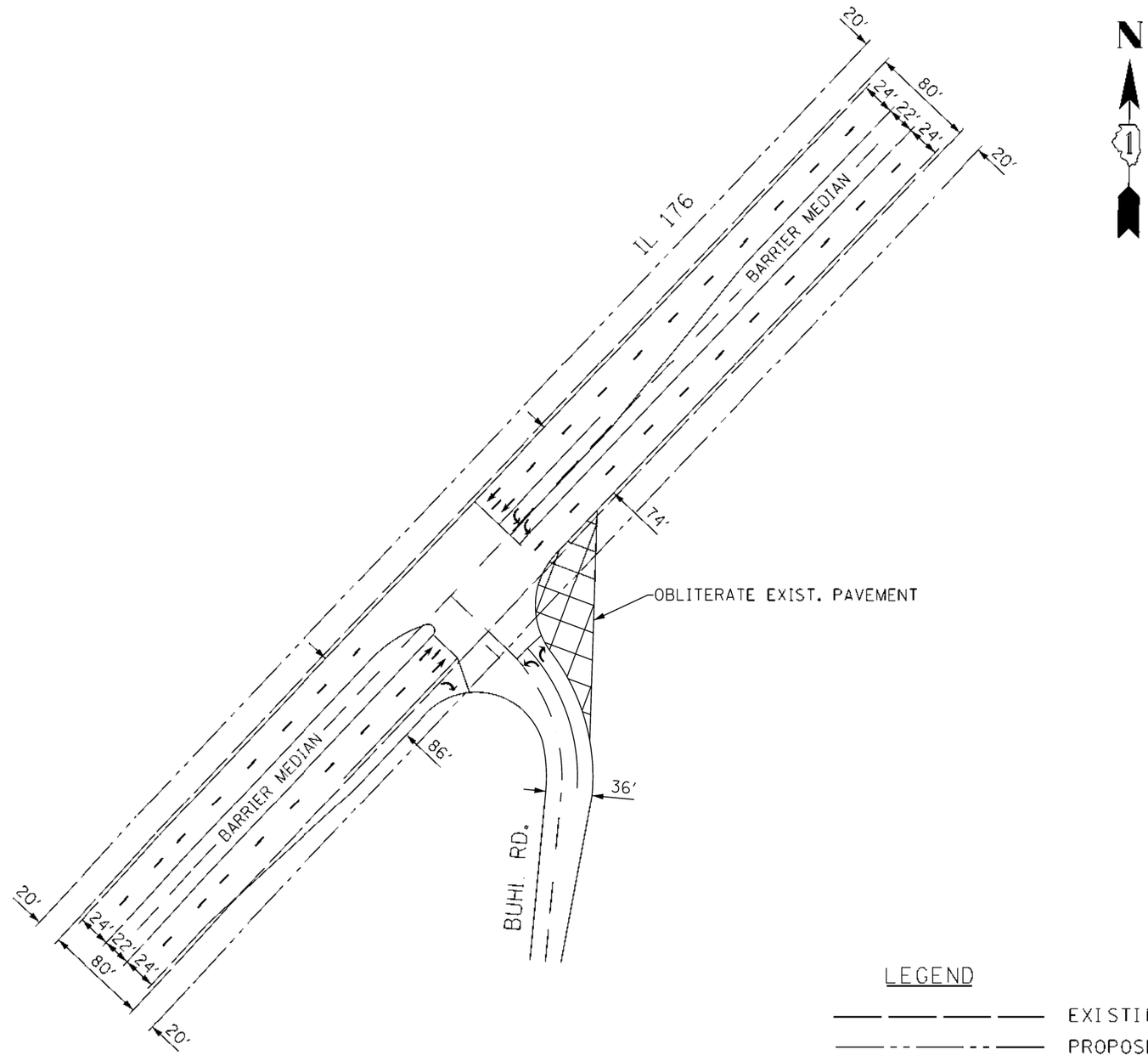
STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–26



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

BUHL RD. / IL 176 INTERSECTION DETAIL

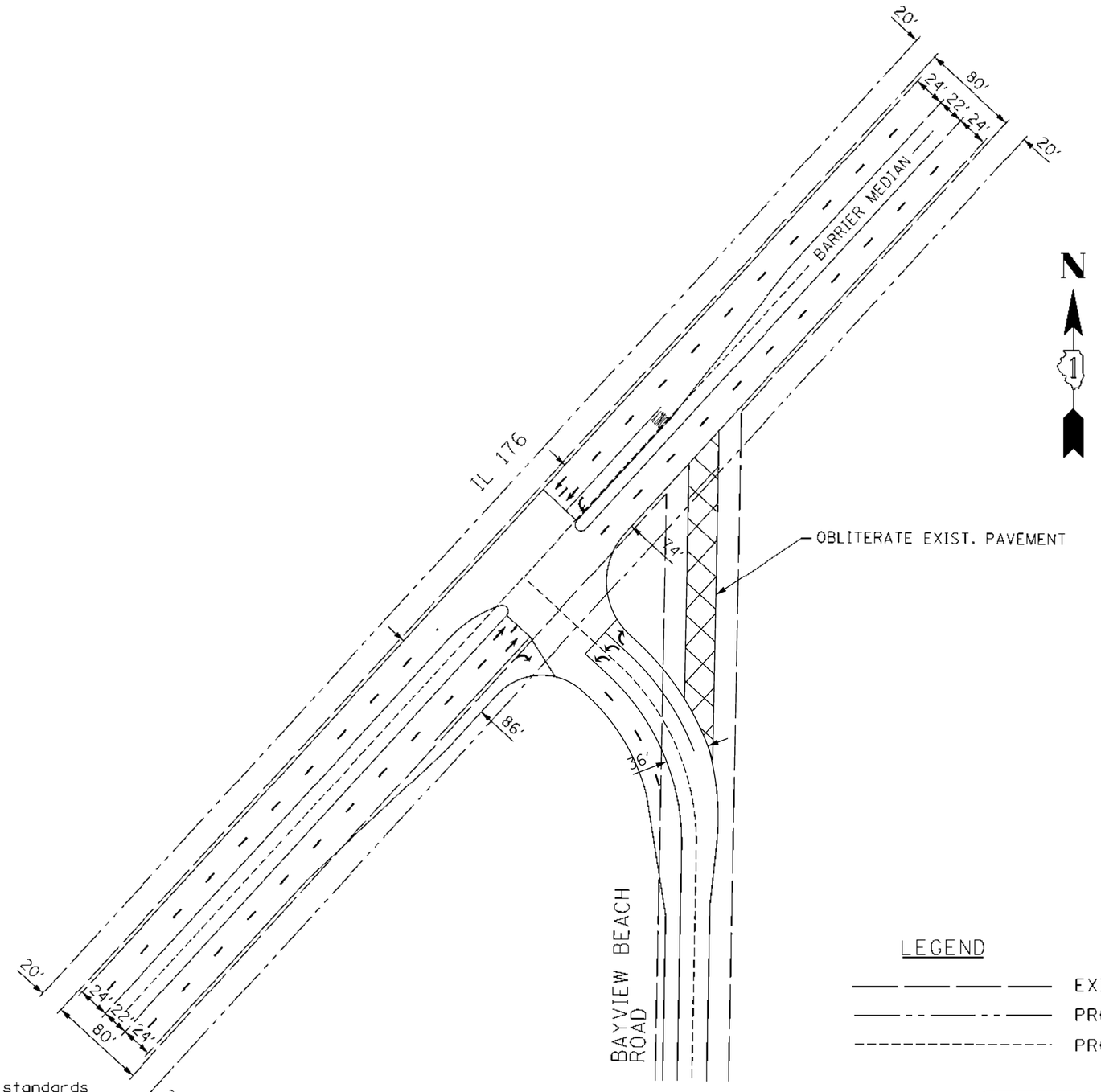
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–27



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

BAYVIEW BEACH RD / IL 176 INTERSECTION DETAIL

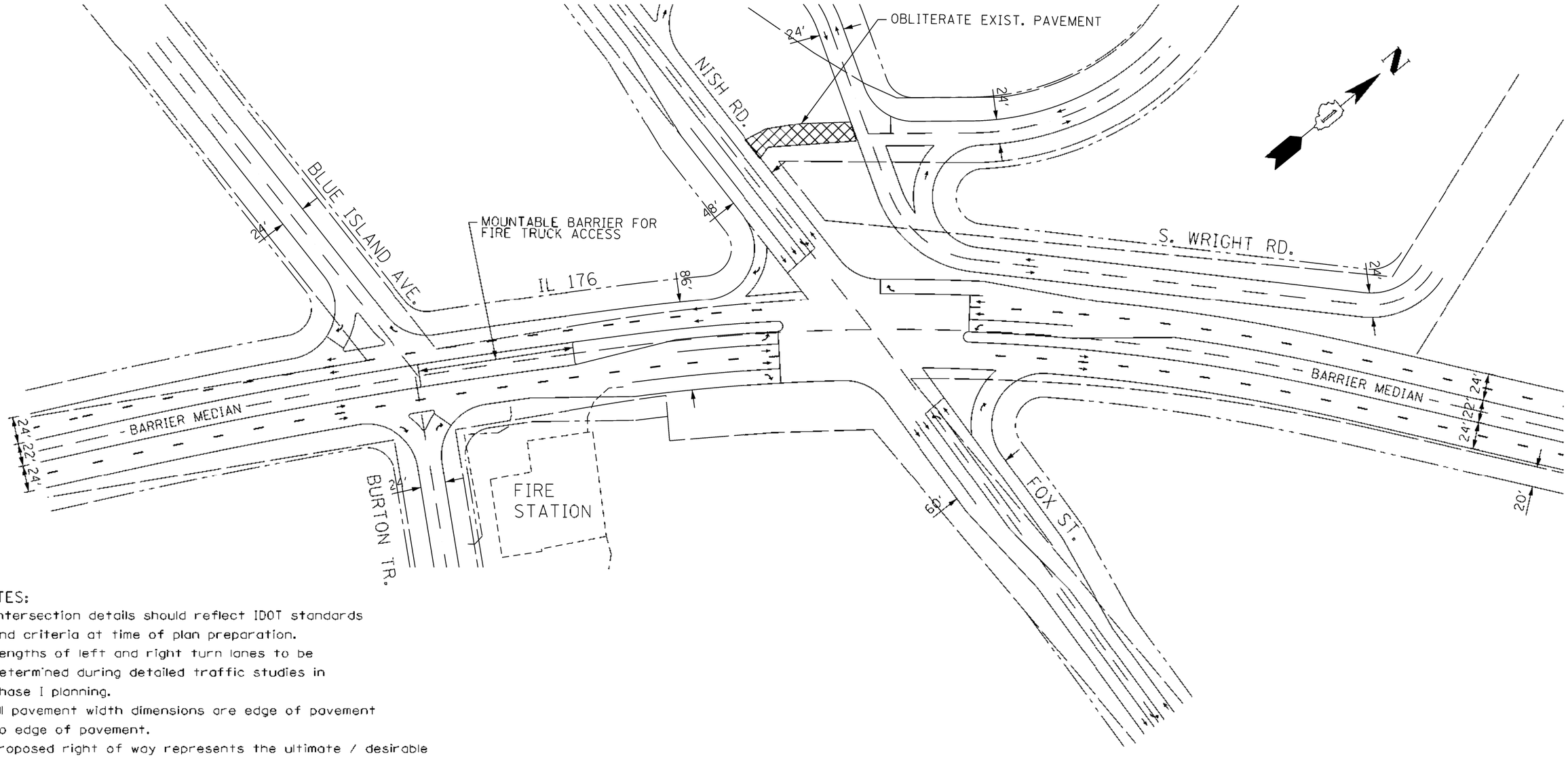
STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–28



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.
PROPOSED R. O. W.
PROPOSED ℄

BLUE ISLAND AVE. AND NISH RD. / IL 176 INTERSECTION DETAIL

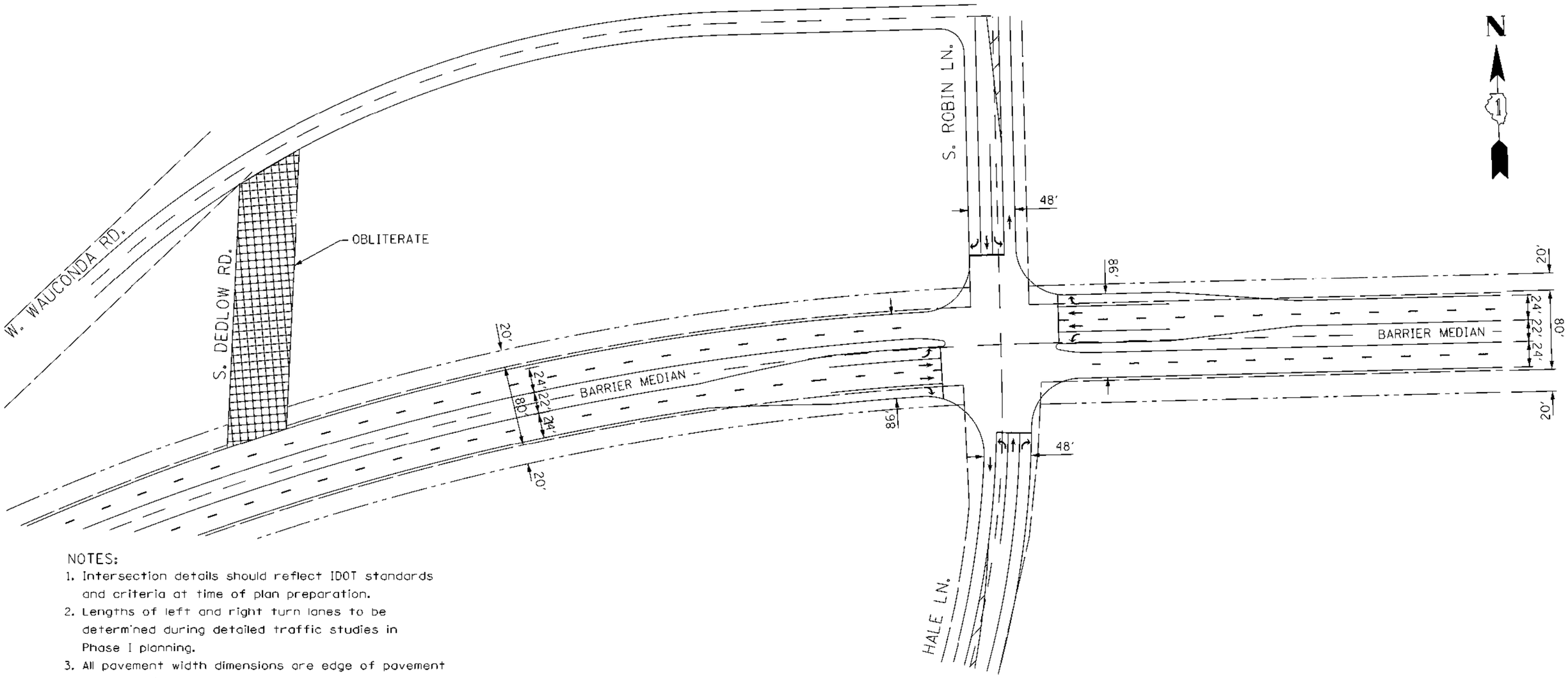
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–29



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

HALE _N. / IL 176 INTERSECTION DETAIL

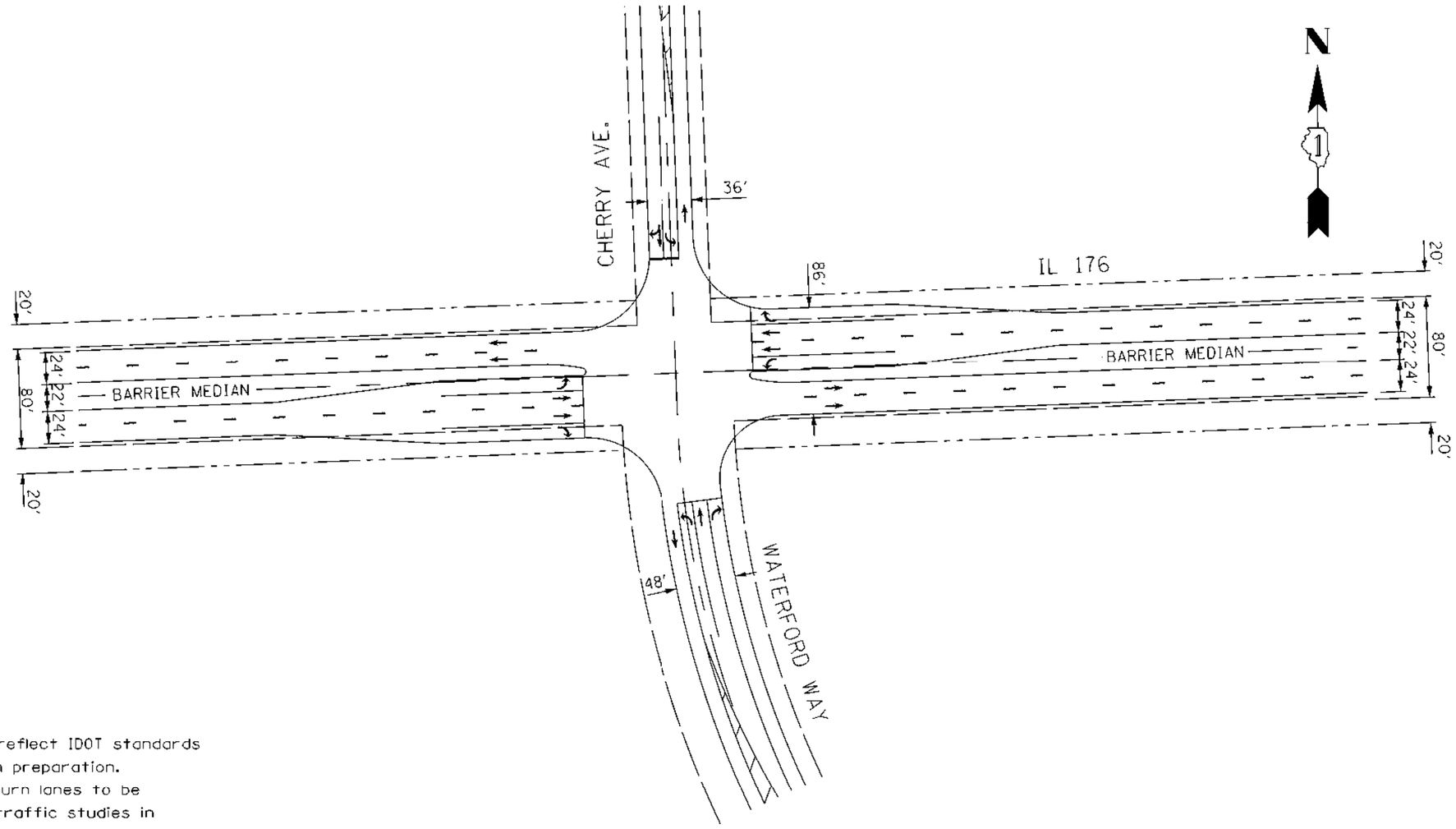
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–30



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

IL 176 / CHERRY AVE. INTERSECTION DETAIL

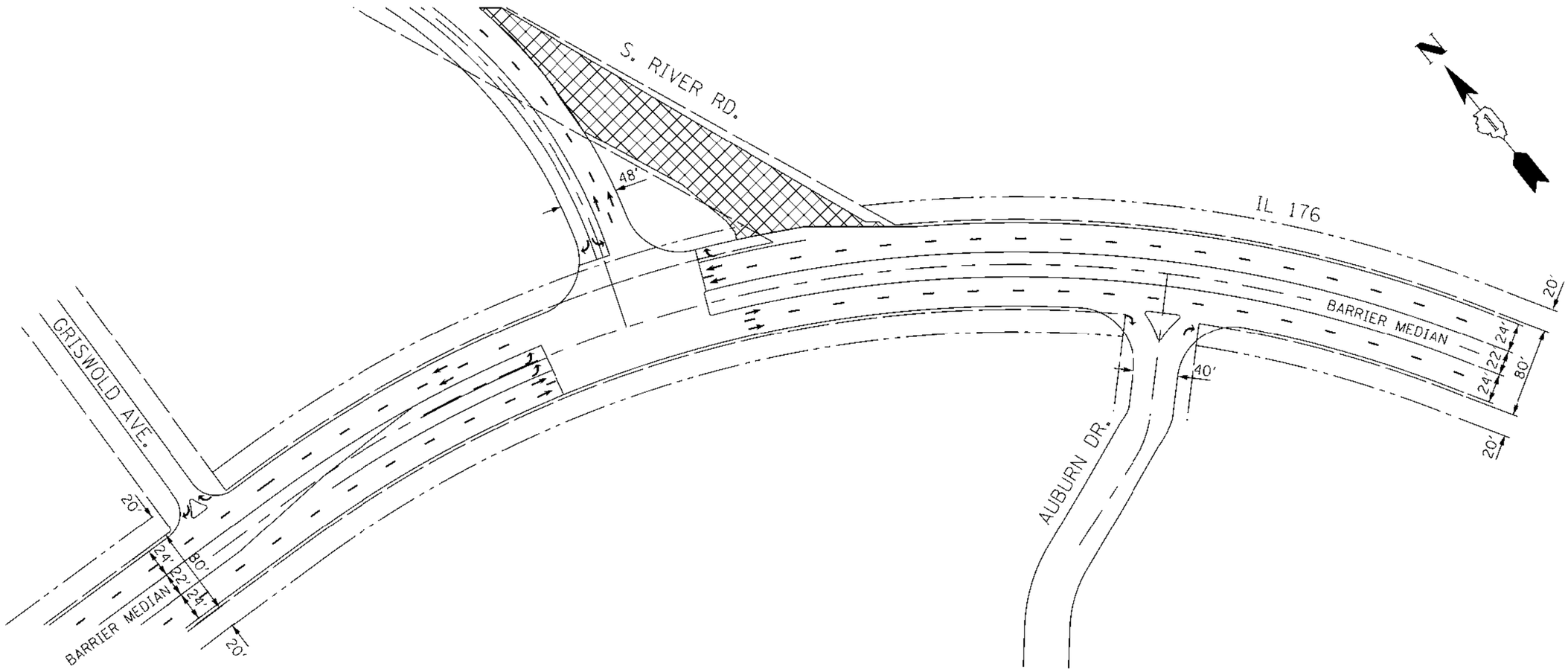
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–31



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

RIVER RD. / IL 176 INTERSECTION DETAIL

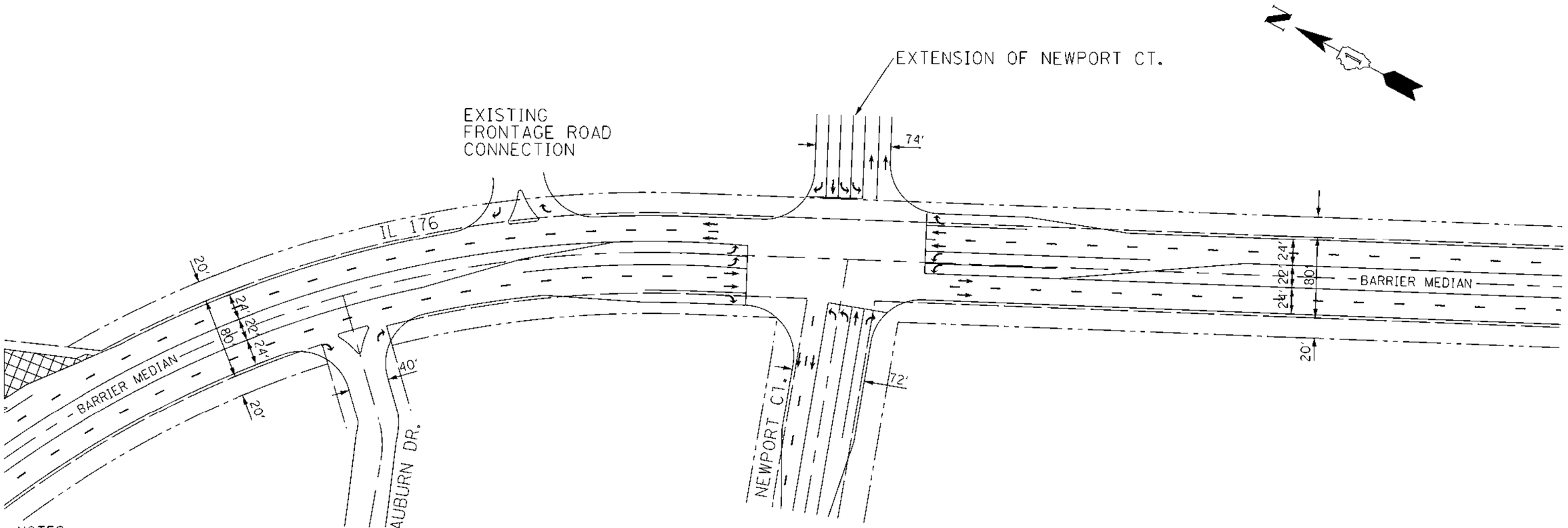
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–32



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

NEWPORT CT. / IL 176 INTERSECTION DETAIL

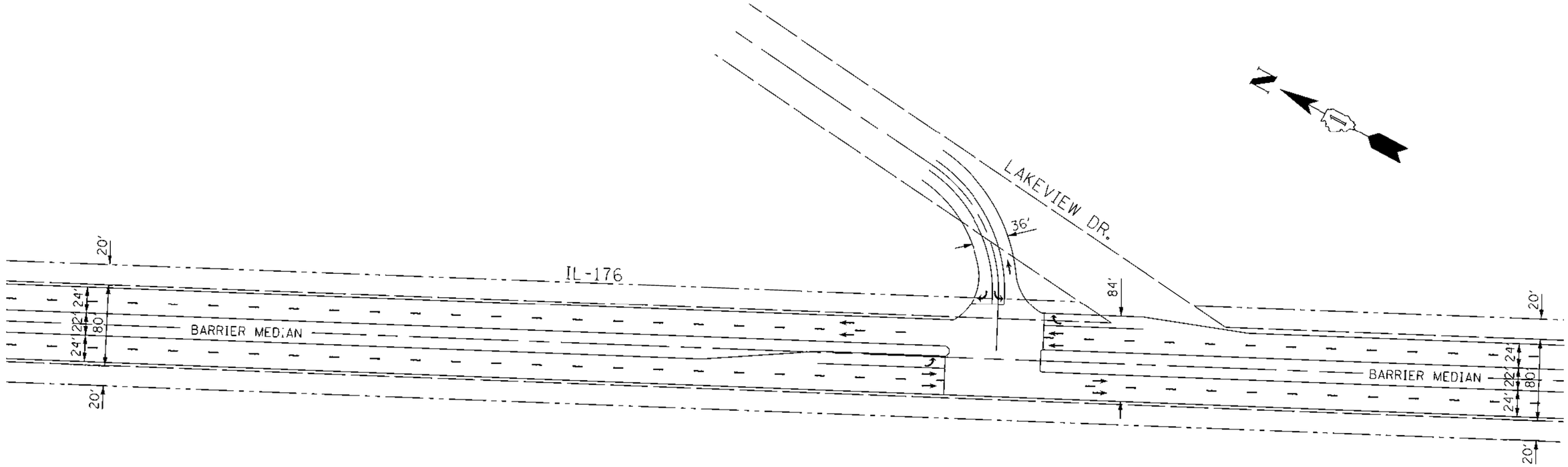
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–33



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

LAKEVIEW DR. / IL 176 INTERSECTION DETAIL

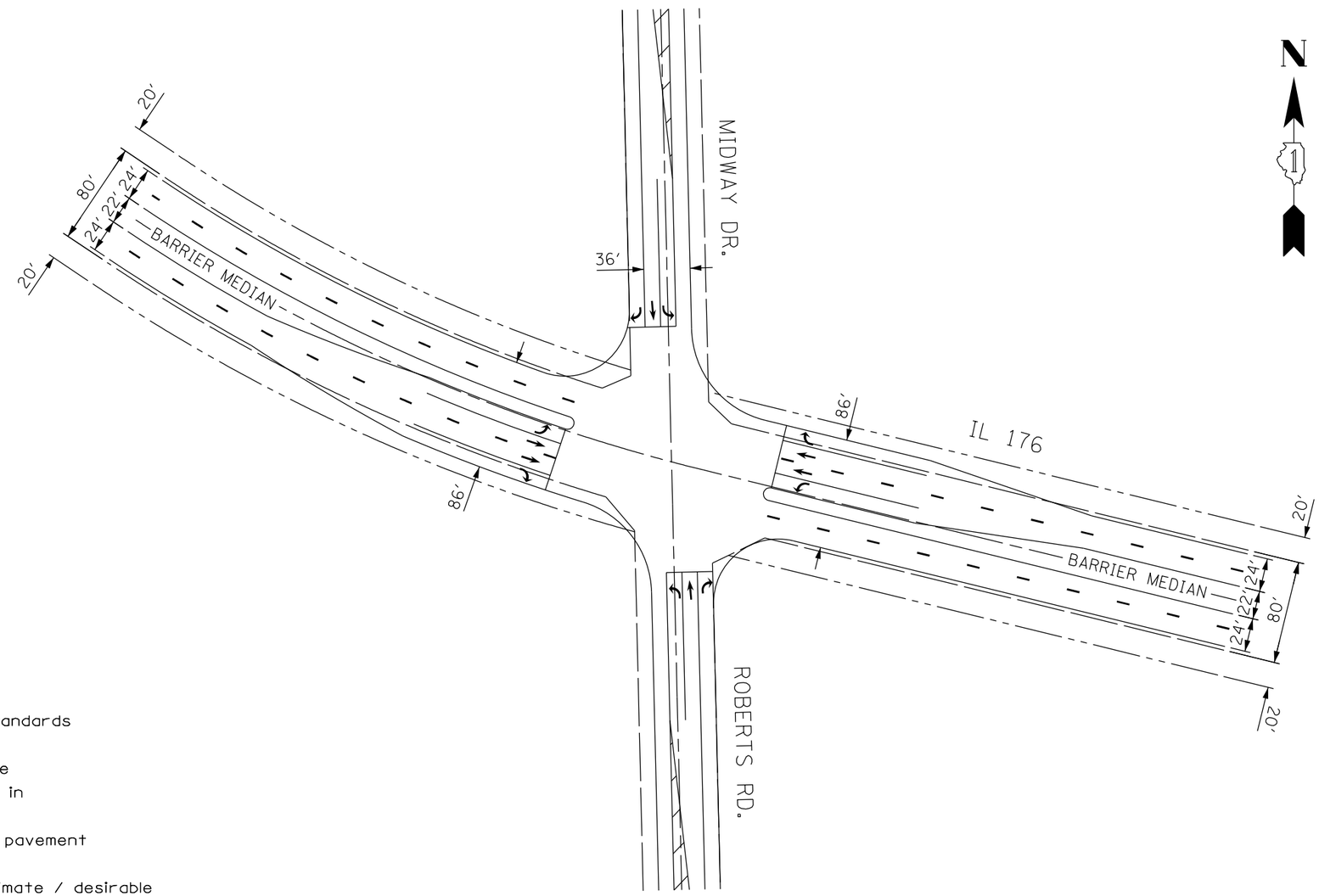
STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–34



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.
PROPOSED R.O.W.
PROPOSED ℄

MIDWAY DRIVE / IL 176 INTERSECTION DETAIL

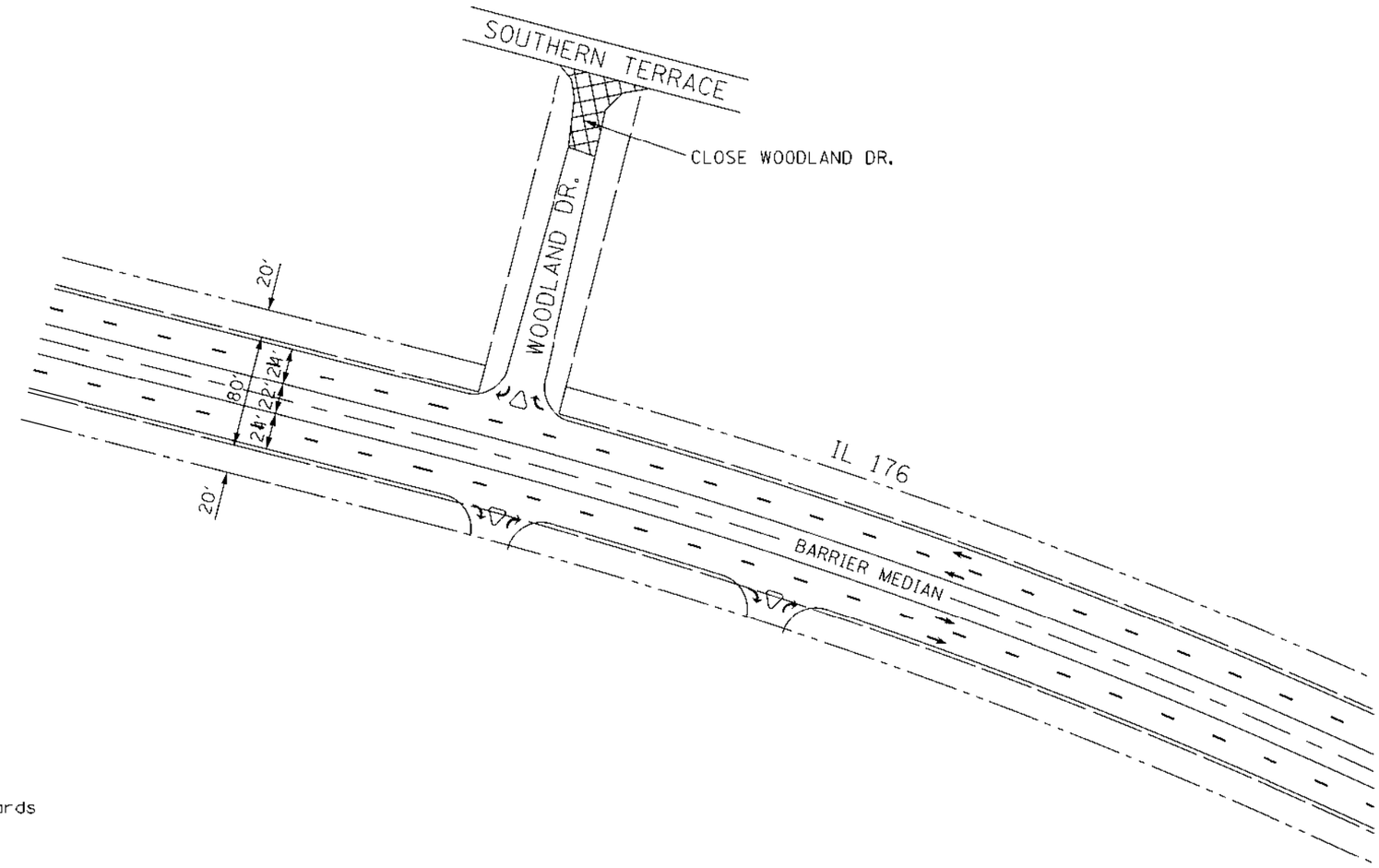
STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–35



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

WOODLAND DRIVE / IL 176 INTERSECTION DETAIL

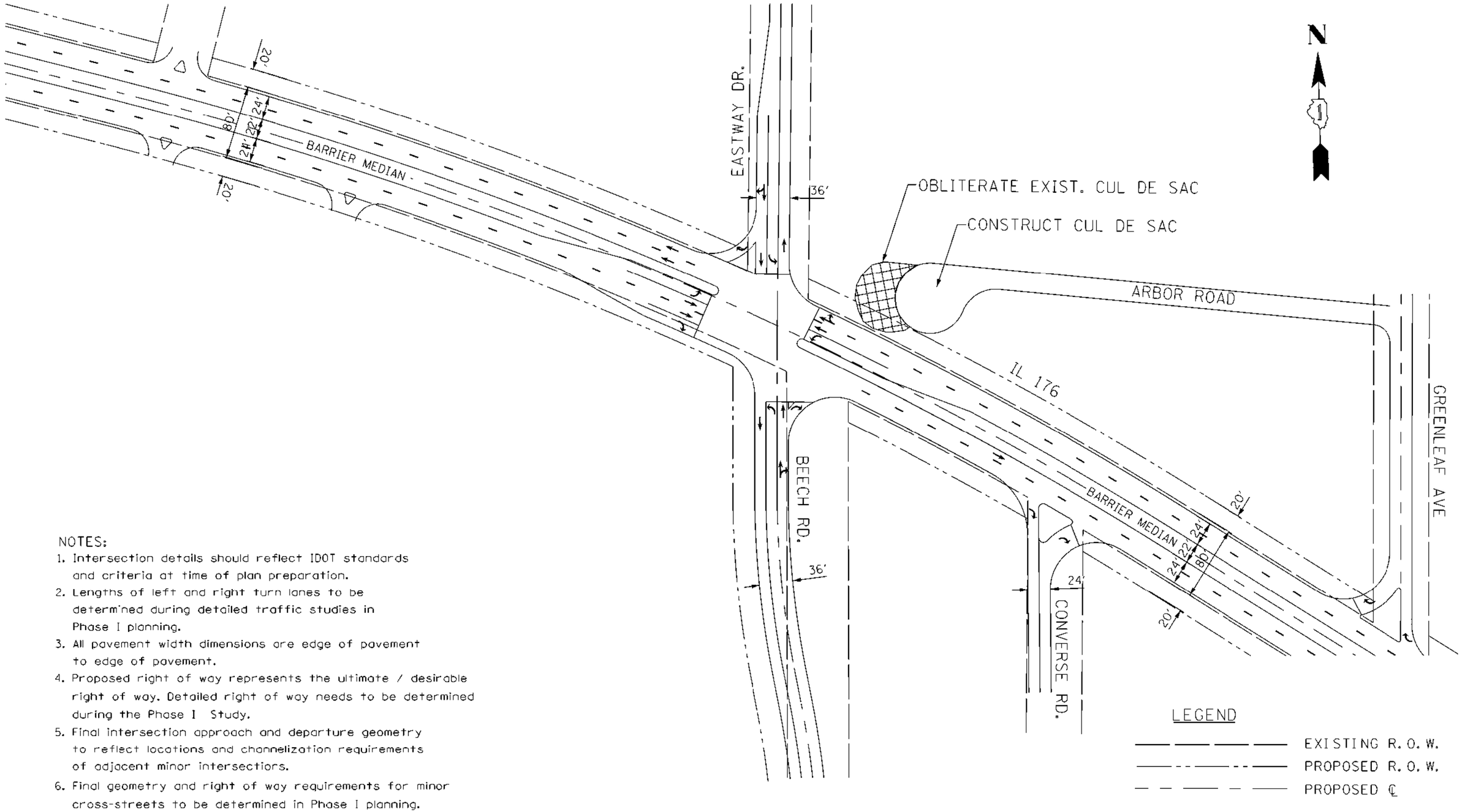
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–36



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

EASTWAY DR. / IL 176 INTERSECTION DETAIL

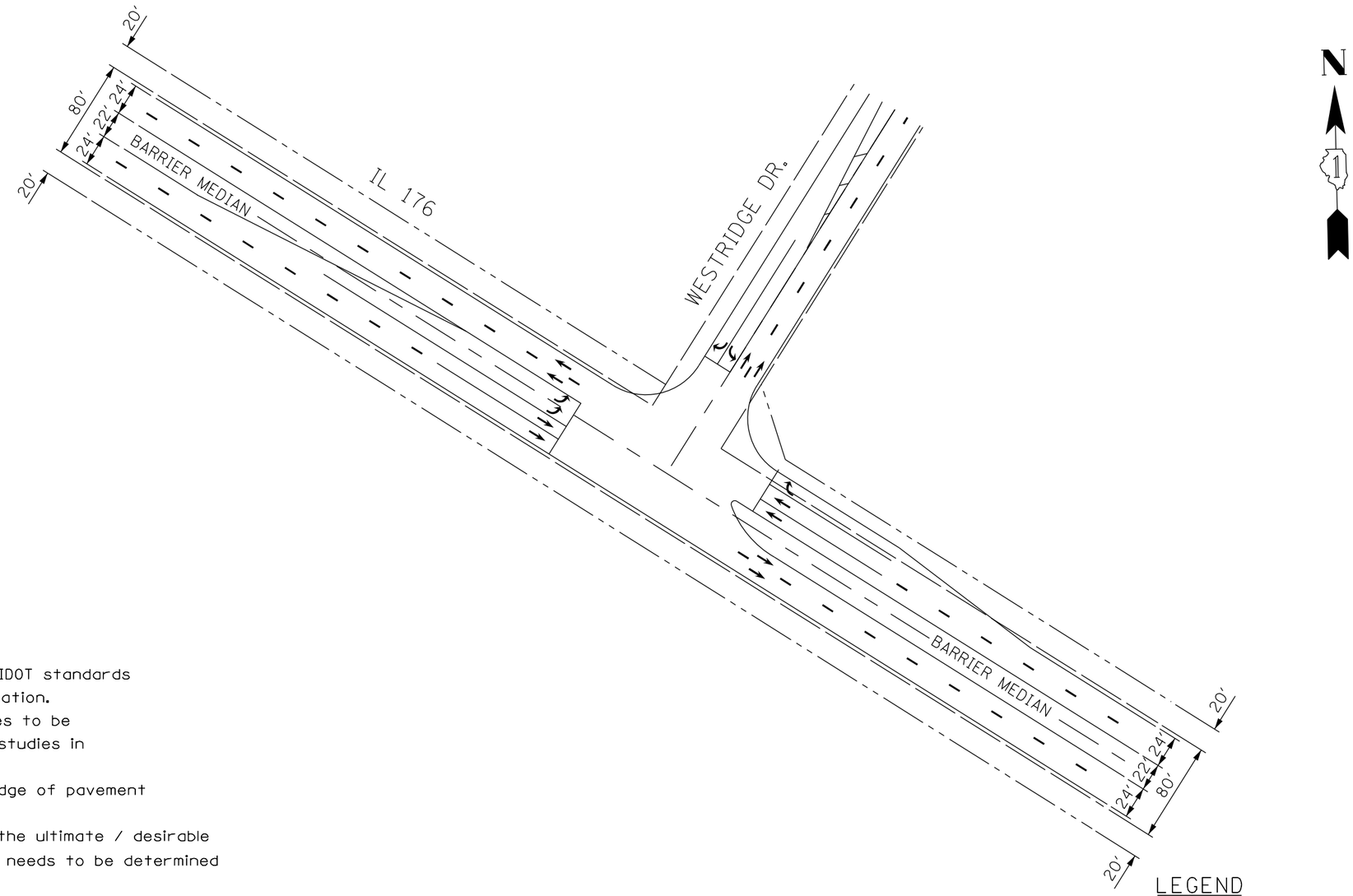
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–37



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.
PROPOSED R.O.W.
PROPOSED ℄

WESTRIDGE DRIVE / IL 176 INTERSECTION DETAIL

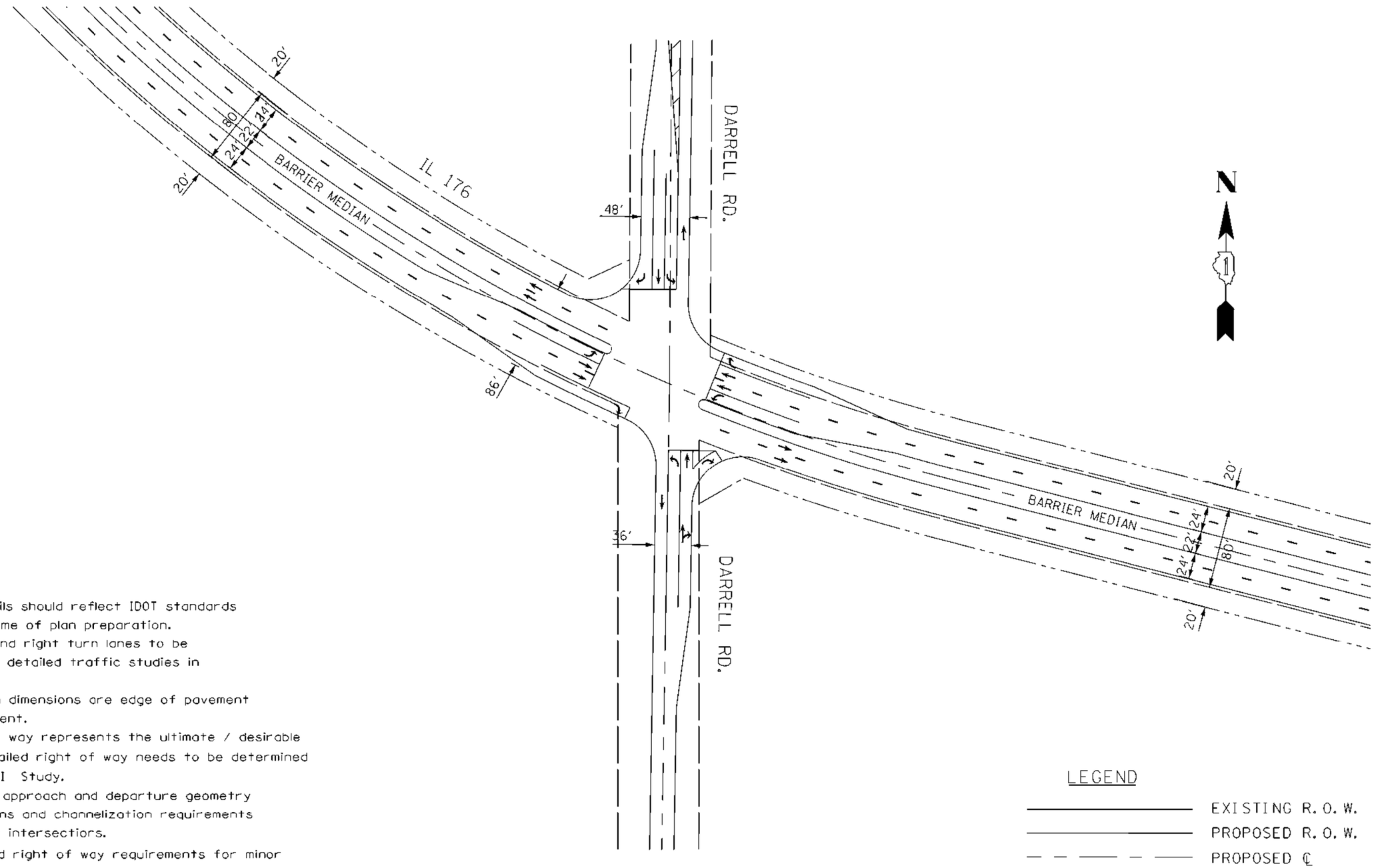
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–38



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

DARREL RD. / IL 176 INTERSECTION DETAIL

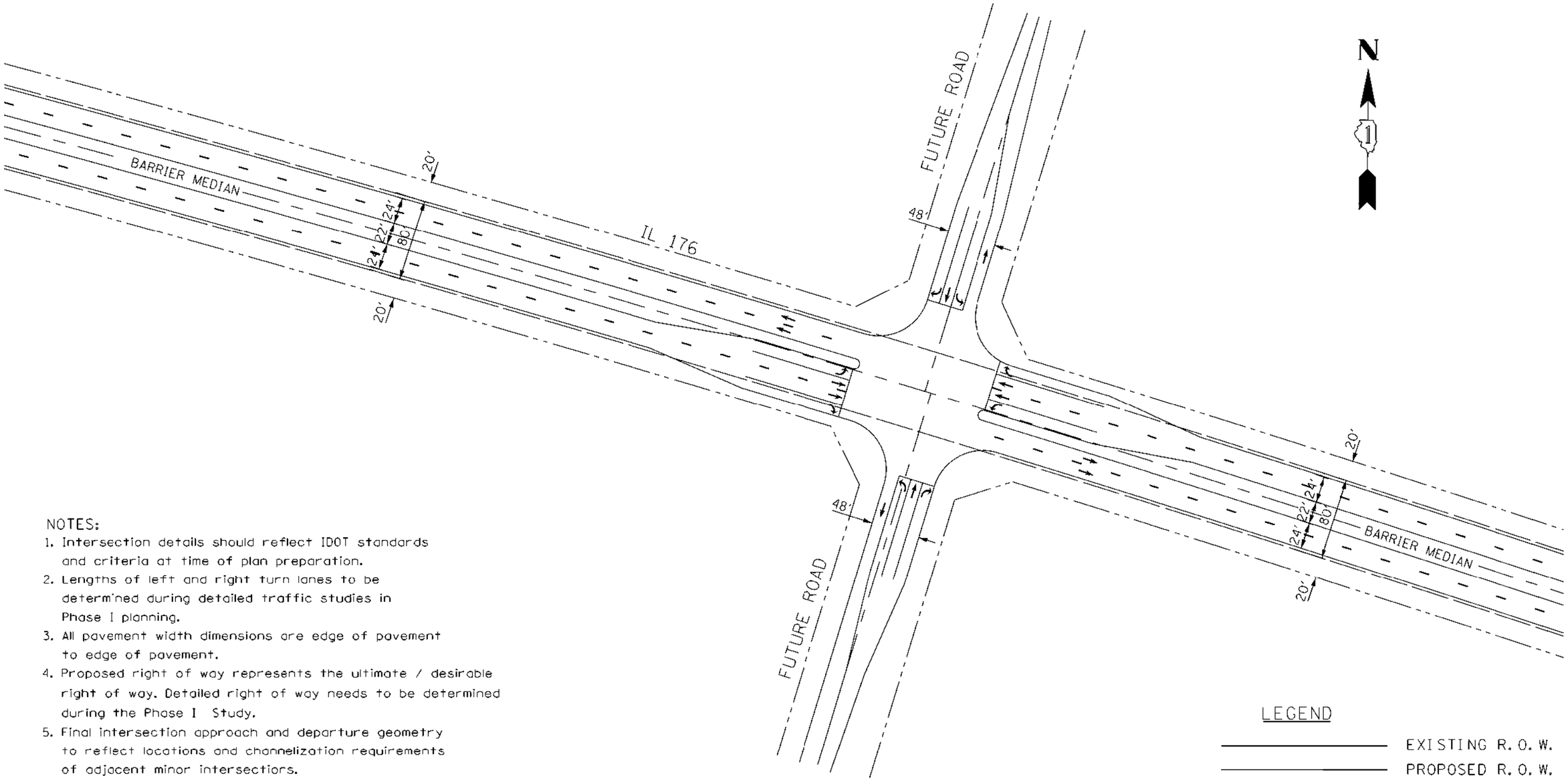
Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–39



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R. O. W.

PROPOSED R. O. W.

PROPOSED ℄

IL 176 / FUTURE INTERSECTION DETAIL (1 MILE EAST OF DARREL RD.)

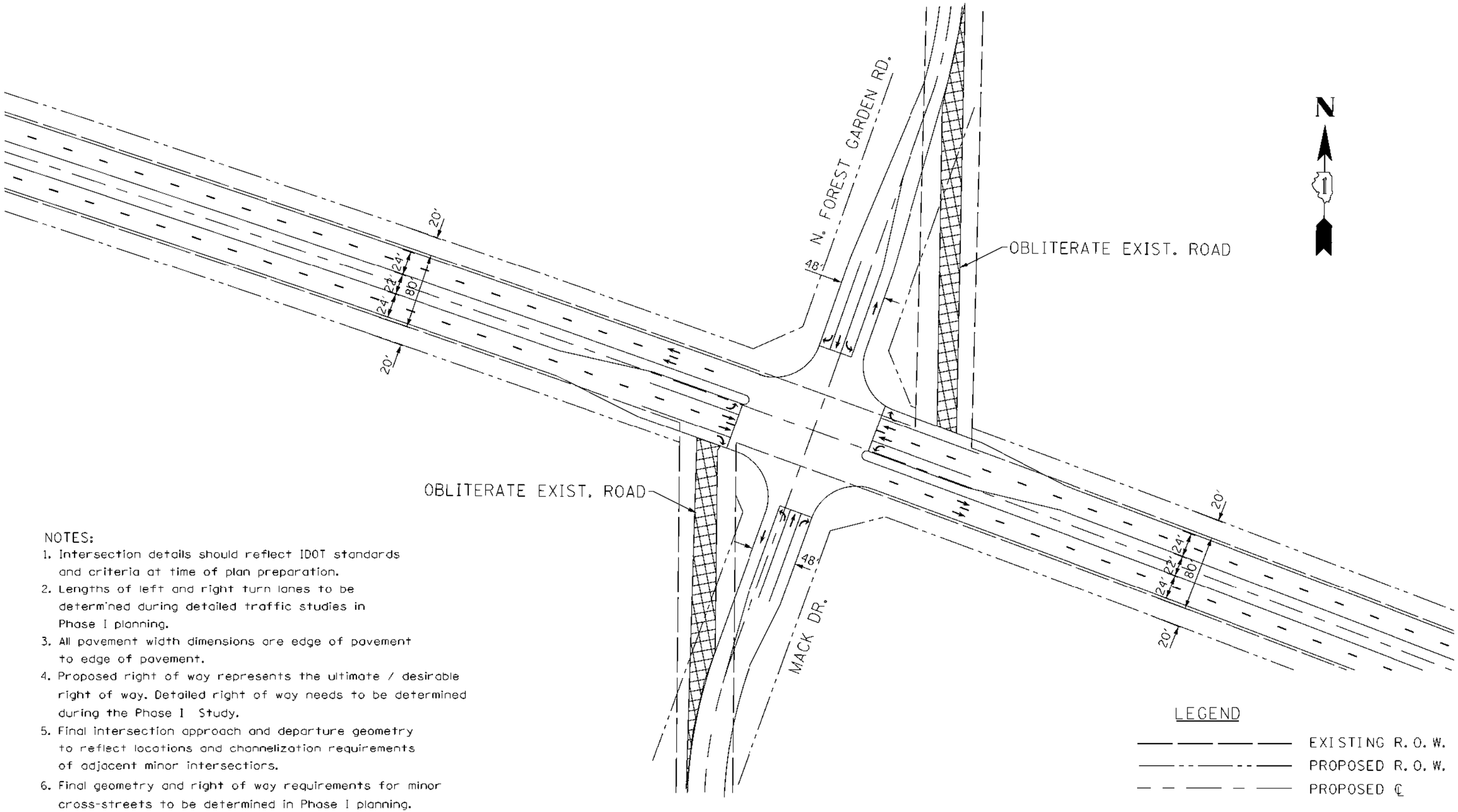
SRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–40



NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

N. FOREST GARDEN RD. / IL 176 INTERSECTION DETAIL

STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200
SCALE IN FEET

EXHIBIT D–41

OBLITERATE EXIST. CUL DE SAC

CONSTRUCT CUL DE SAC

W. SLOCUM LAKE RD.

N. ANDERSON RD.

LARKDALE ROAD

IL-176/W. LIBERTY ST.

48'

48'

20'

24'

22'

24'

80'

20'

REALIGNMENT TO BE INVESTIGATED IN PHASE I STUDY

N

NOTES:

1. Intersection details should reflect IDOT standards and criteria at time of plan preparation.
2. Lengths of left and right turn lanes to be determined during detailed traffic studies in Phase I planning.
3. All pavement width dimensions are edge of pavement to edge of pavement.
4. Proposed right of way represents the ultimate / desirable right of way. Detailed right of way needs to be determined during the Phase I Study.
5. Final intersection approach and departure geometry to reflect locations and channelization requirements of adjacent minor intersections.
6. Final geometry and right of way requirements for minor cross-streets to be determined in Phase I planning.
7. Tapers not to scale, to be designed in accordance with IDOT standards

LEGEND

EXISTING R.O.W.

PROPOSED R.O.W.

PROPOSED ℄

LARKDALE ROAD / IL 176 INTERSECTION DETAIL

STRA Strategic Regional Arterial Planning Study

Prepared by: WILBUR SMITH ASSOCIATES In Association with:
DB Sterlin Consultants, Inc., Diane Korling and Associates and Planning Resources, Inc.

Illinois Department of Transportation

0 50 100 200

SCALE IN FEET

EXHIBIT D–42