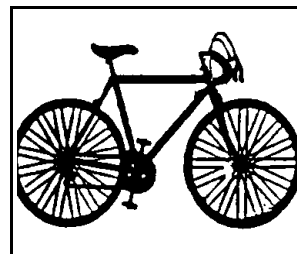
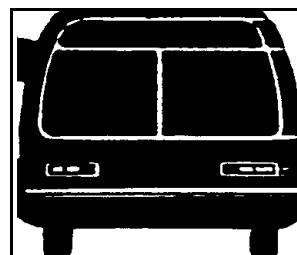
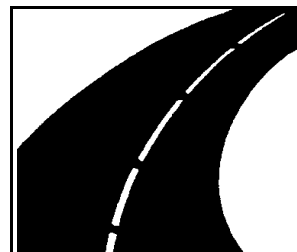
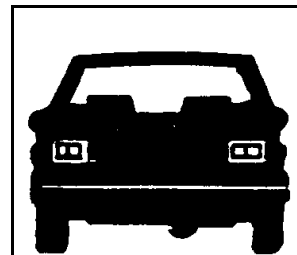


JANESVILLE AREA 2005-2035 LONG RANGE TRANSPORTATION PLAN



STREETS & HIGHWAYS: APPENDIX

May 10, 2006

TABLE OF CONTENTS

LIST OF FIGURES.....	ii
LIST OF TABLES	ii
STATE AND TRUNK HIGHWAYS.....	1
ROCK COUNTY AND MILTON	1
JANESVILLE.....	2
STATE HIGHWAY 26 REALIGNMENT	3
CORRIDORS 2020 HIGHWAYS	6
CORRIDORS 2030 HIGHWAYS	7
AVERAGE DAILY TRAFFIC.....	8
Janesville	8
Milton	10
CRASH DATA.....	11
Major Crash Locations	11
Fatality Crashes	12
Injury Crashes.....	13
RECOMMENDED PROJECTS	14
RECOMMENDED PROJECTS	14
Committed Projects	15
Planned Projects	15
Expansion Projects	15
Preservation Projects	15
Projects Under Study.....	15
Recommended for Study	16
Future Action.....	16
RECOMMENDED PLANNED EXPANSION PROJECTS.....	22
RECOMMENDED PLANNED PRESERVATION PROJECTS	24
FINANCIAL PLAN	26
HISTORICAL STREET AND HIGHWAY SPENDING	37
HIGHWAY IMPROVEMENT TYPE DEFINITIONS.....	39
STATEWIDE AVERAGE HIGHWAY IMPROVEMENT COSTS.....	41

2003 ORIGIN-DESTINATION SURVEY.....	42
DEFICIENCY DEVELOPMENT.....	45
Deficiency Analysis.....	45
LOS.....	53

LIST OF FIGURES

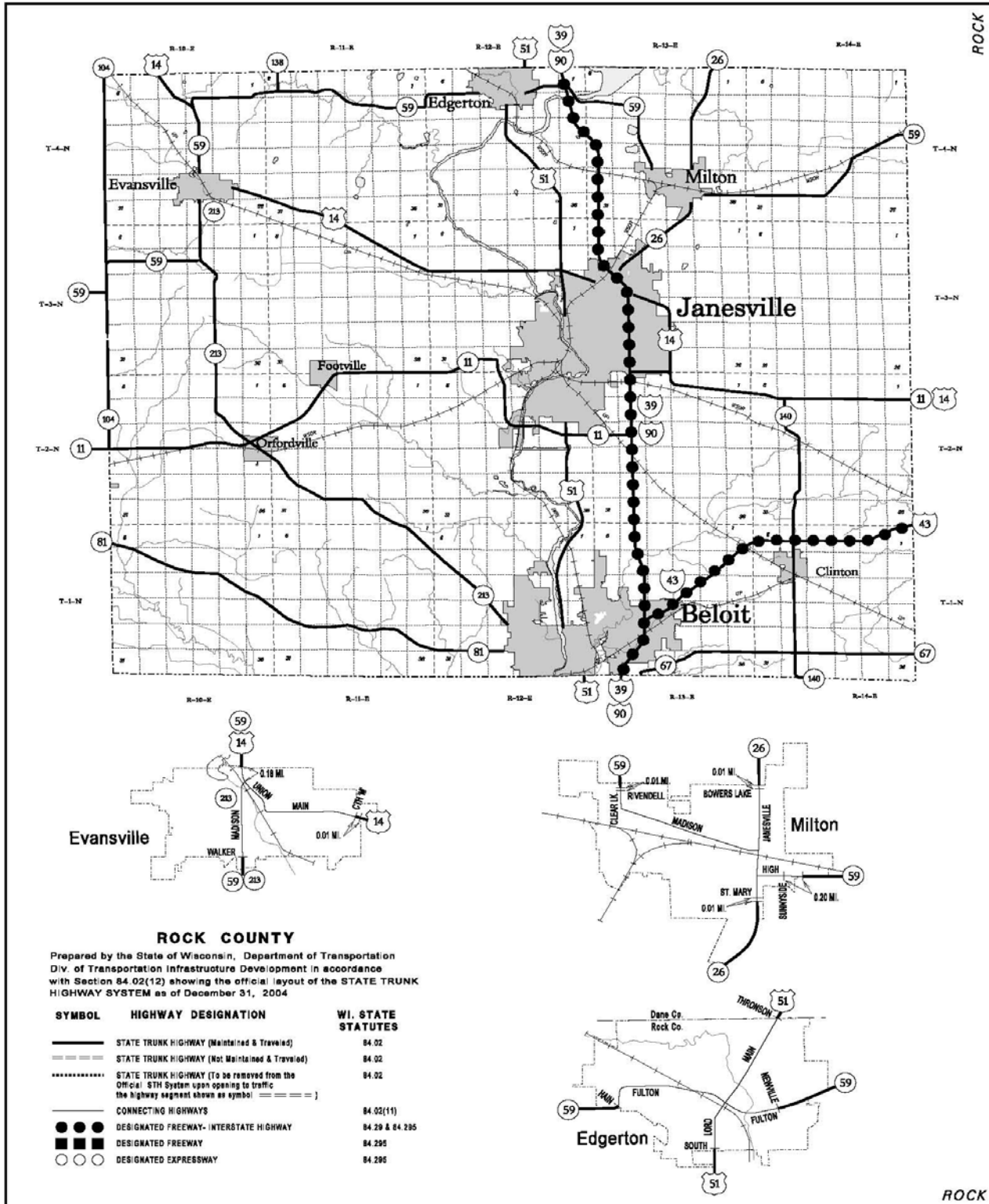
FIGURE 1 STH 26 REALIGNMENT	4
FIGURE 2 STH 26 REALIGNMENT	5
FIGURE 3 RECOMMENDED PROJECTS	17

LIST OF TABLES

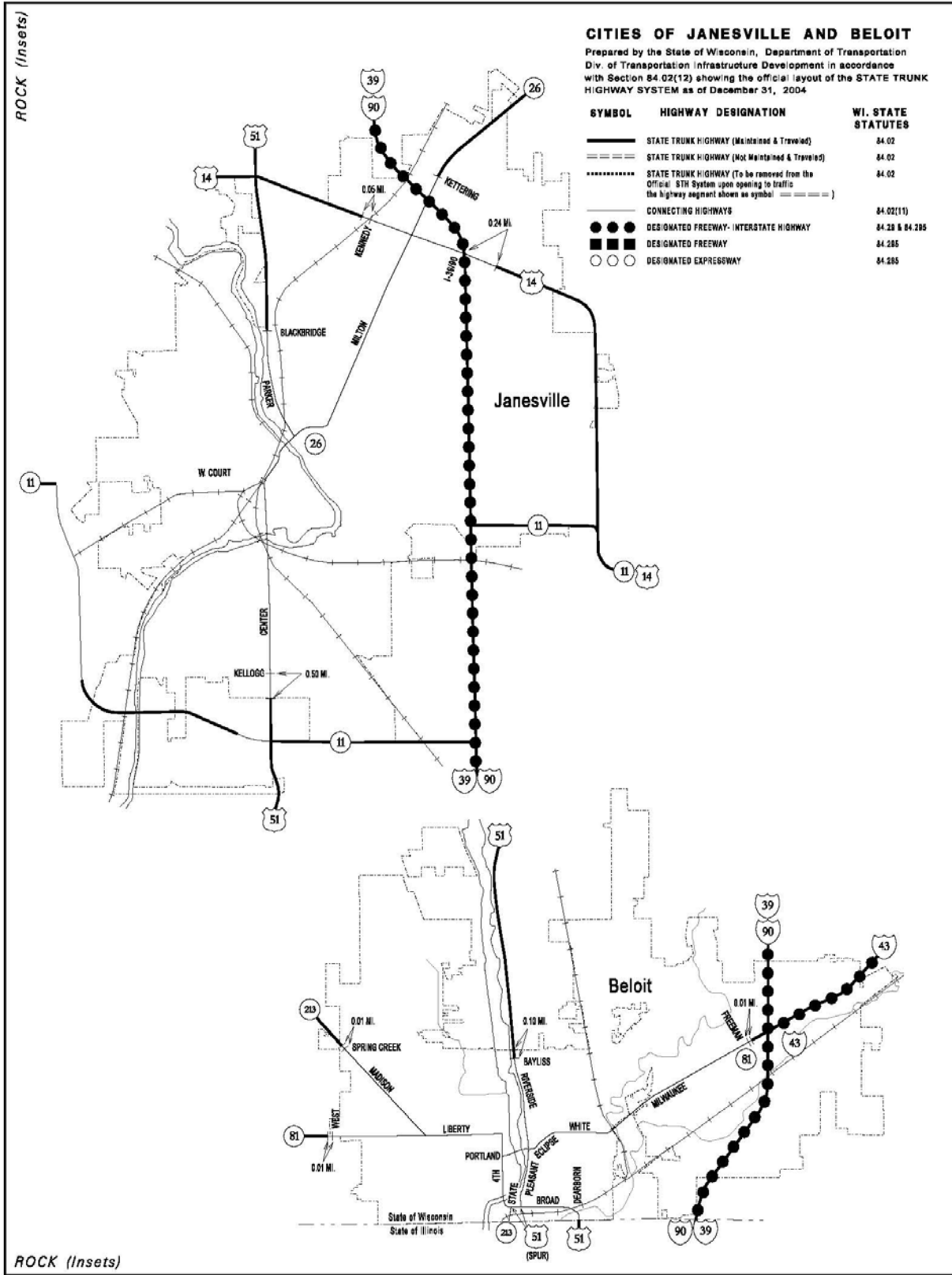
TABLE 1 STH 26 PROJECTS.....	3
TABLE 2 COMMITTED EXPANSION PROJECTS	19
TABLE 3 SHORT RANGE PLANNED PRESERVATION	20
TABLE 4 RECOMMENDED EXPANSION PROJECTS & STUDIES.....	21
TABLE 5 LONG RANGE PLANNED PRESERVATION PROJECTS.....	25
TABLE 6 30-YEAR REVENUE AND COST SUMMARY	26
TABLE 7 ESTIMATED AVAILABLE FUNDS & EXPENDITURES.....	28
TABLE 8 WISDOT’S FUNDING PROJECTIONS	29
TABLE 9 ADDITIONAL LOCAL FUNDS	29
Table 10 O & M Preservation Projects (LR Preservation).....	33
TABLE 12 HISTORICAL O & M AND TOTAL SPENDING.....	37
TABLE 13 INFLATION FACTOR	38

STATE AND TRUNK HIGHWAYS

ROCK COUNTY AND MILTON



JANESVILLE



STATE HIGHWAY 26 REALIGNMENT

TABLE 1 STH 26 PROJECTS

STH 26 Projects	Construction Year	Cost
Phase 1	2009	\$ 1,700,000
STH 26----STH 59 Relocation-		
Phase 2	2012	\$ 3,000,000
STH 26----CTH Y to Town line Road		
---Pedestrian/bike Overpass just south of CTH Y		
---CTH Y to Woodcrest Drive Frontage Roads		
---McCormick Drive Intersection		
---Harmony Town Hall Road Interchange		
Phase 3	2012-2013	\$ 12,540,000
STH 26----Townline Road to CTH N		
---STH 26 new 4 lanes, grading and structures		
---Town Hall Road extension		
---Town line Road improvements and overpass		
---Henke Road extension and overpass		
---CTH M relocation to STH 59		
Phase 4	2013-2014	\$ 10,150,000
STH 26----CTH N to South Fort Interchange		
---Grading and structures		
Phase 5	2014	\$ 11,980,000
STH 26----Townline Road to South Fort Interchange		
---Base and pavement		

FIGURE 1 STH 26 REALIGNMENT

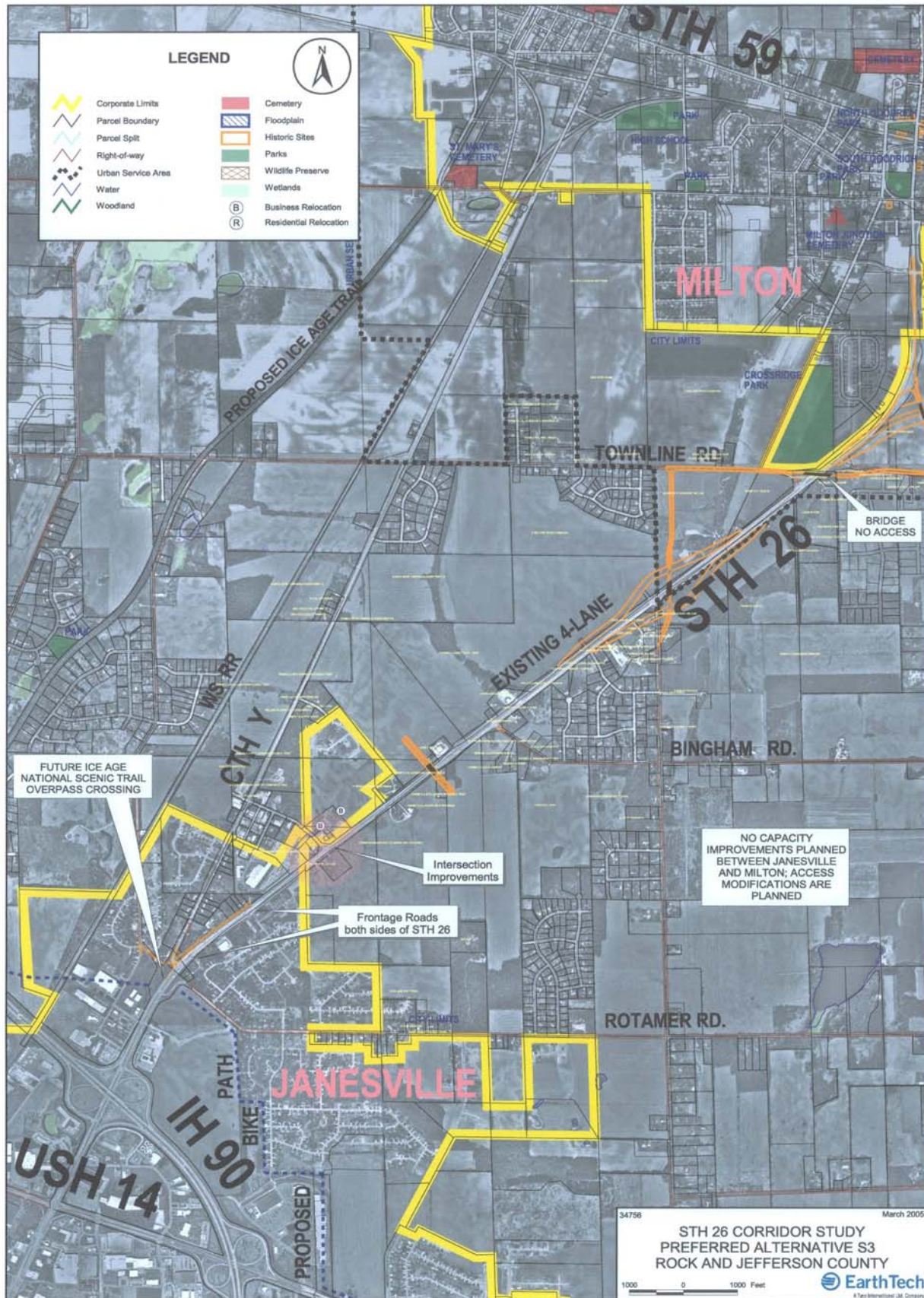
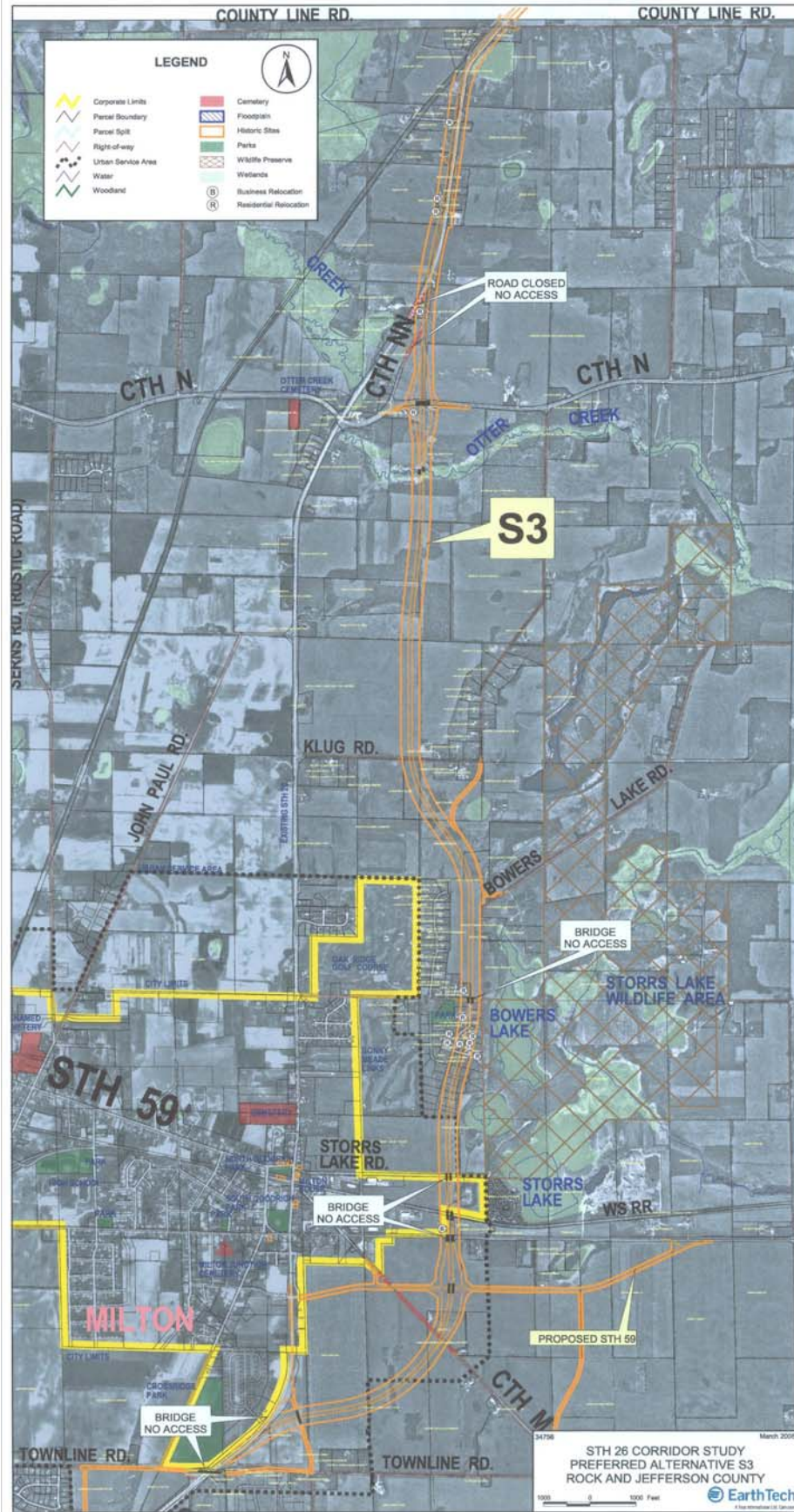
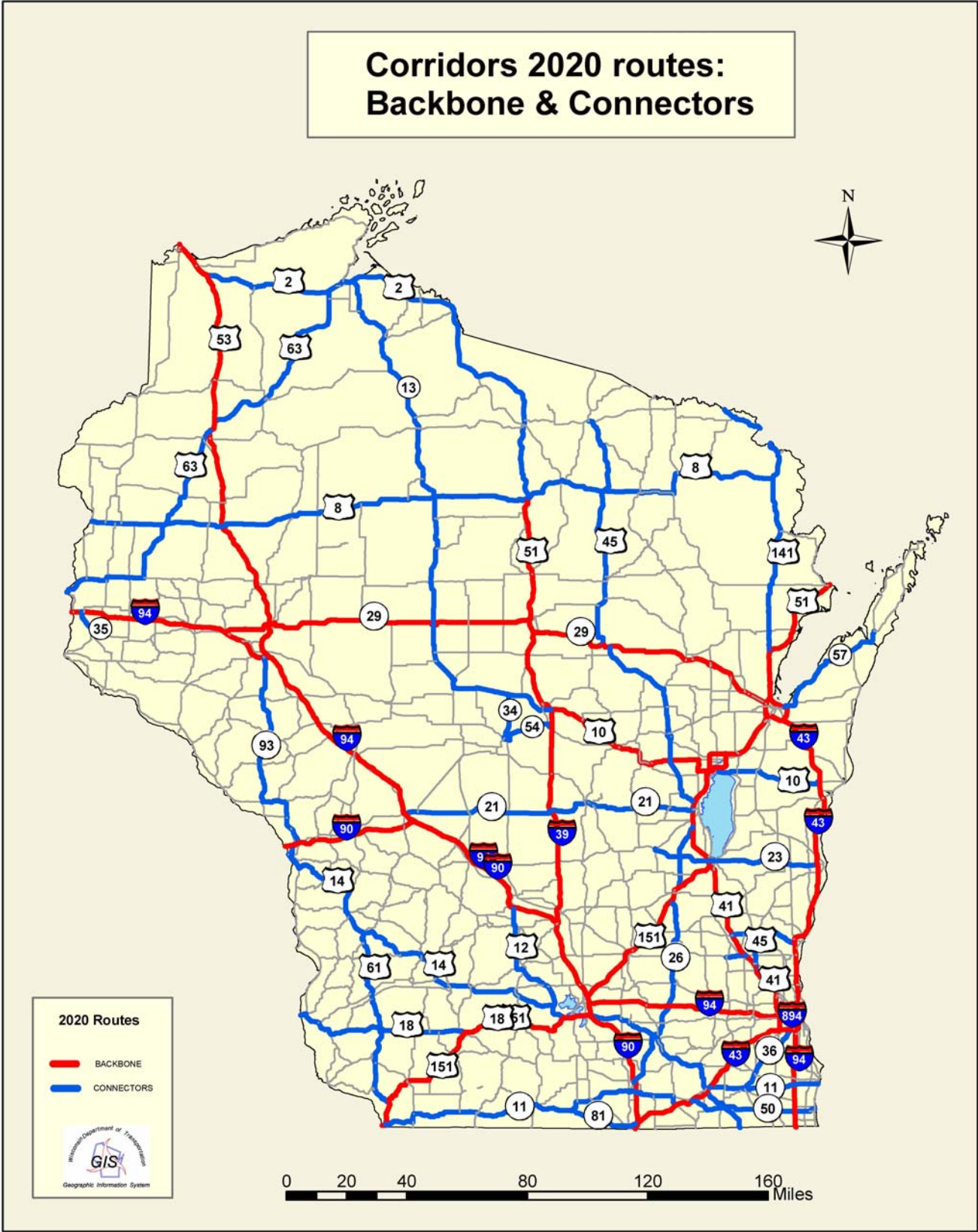


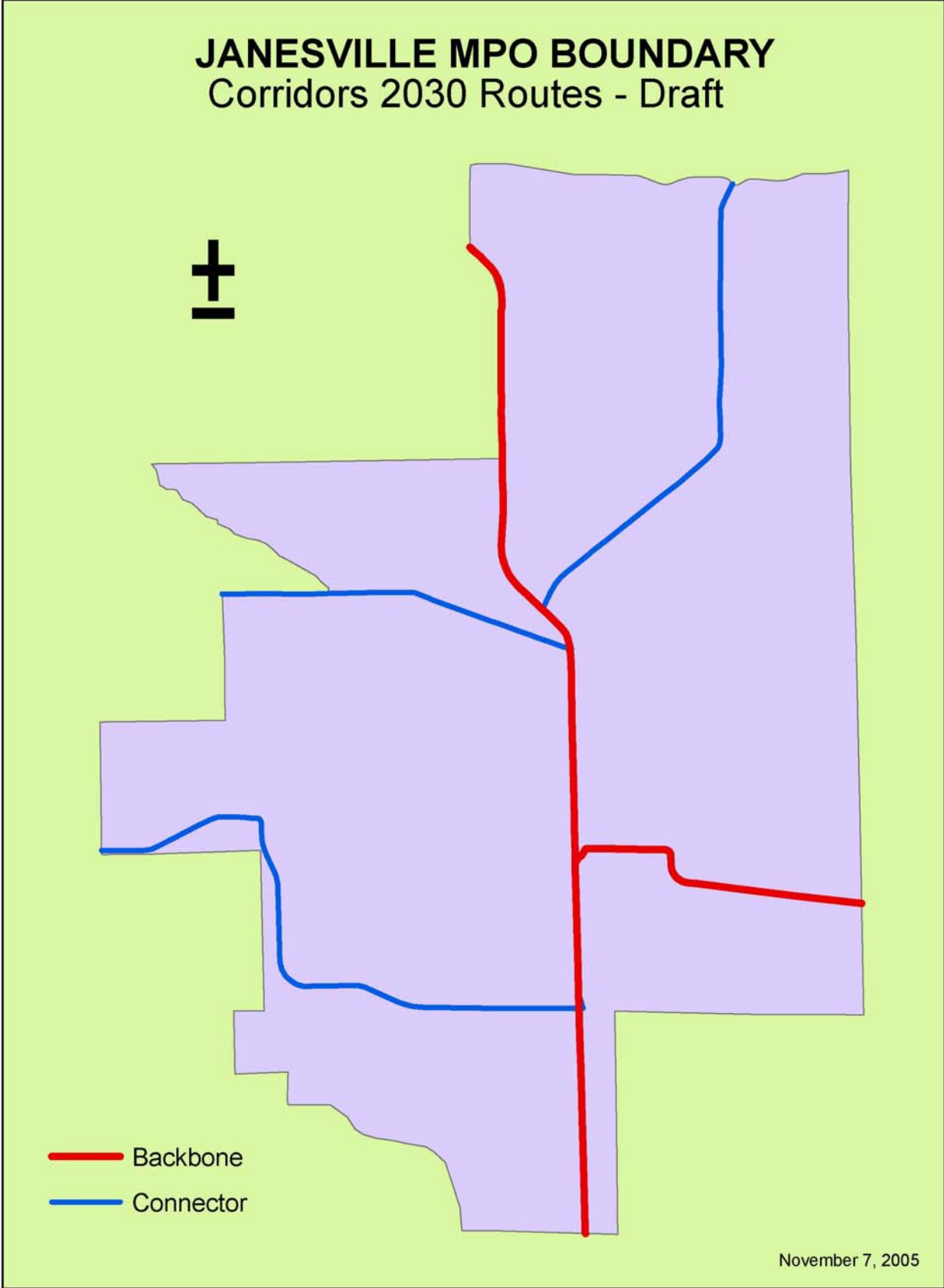
FIGURE 2 STH 26 REALIGNMENT



CORRIDORS 2020 HIGHWAYS



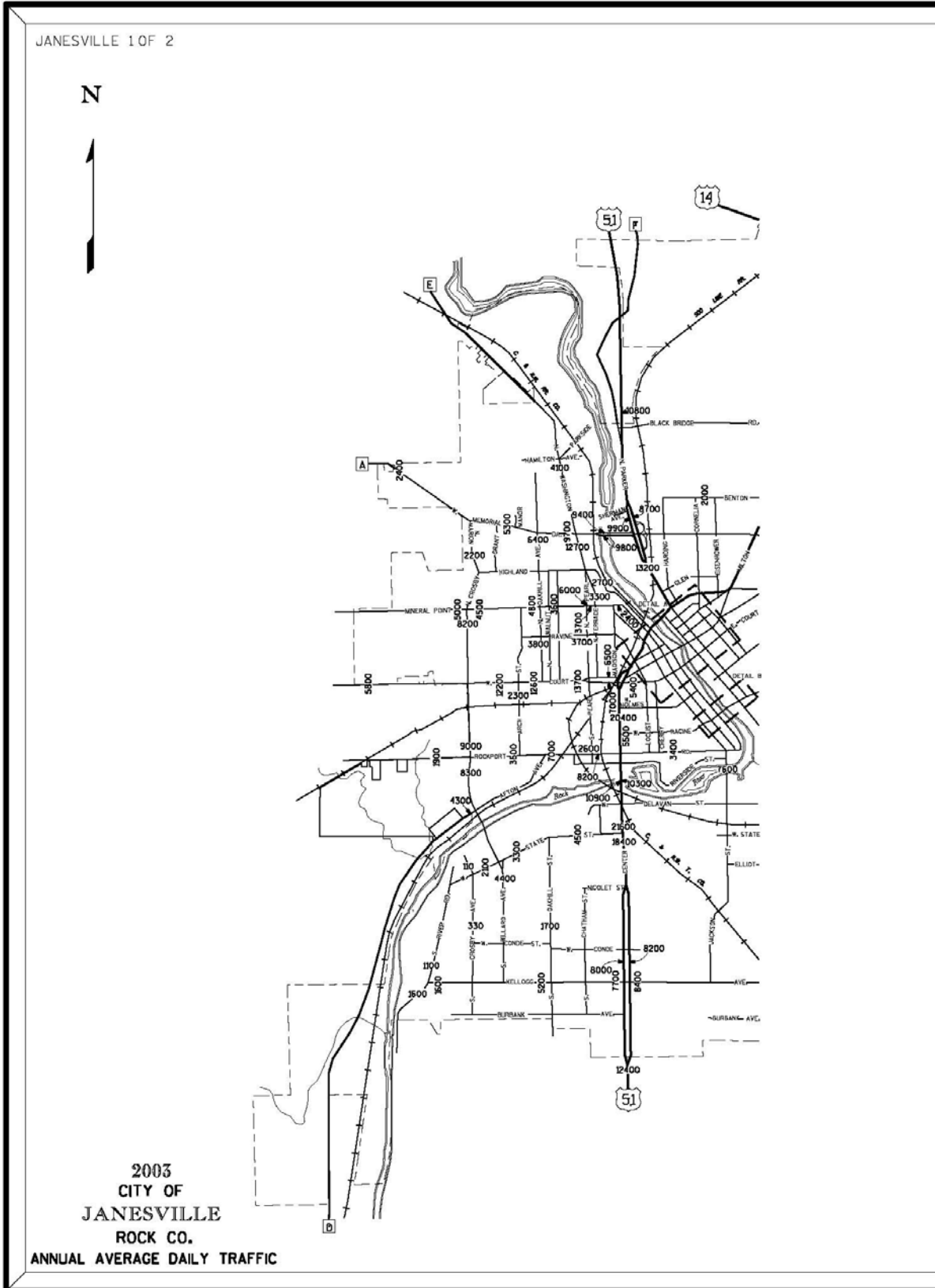
CORRIDORS 2030 HIGHWAYS



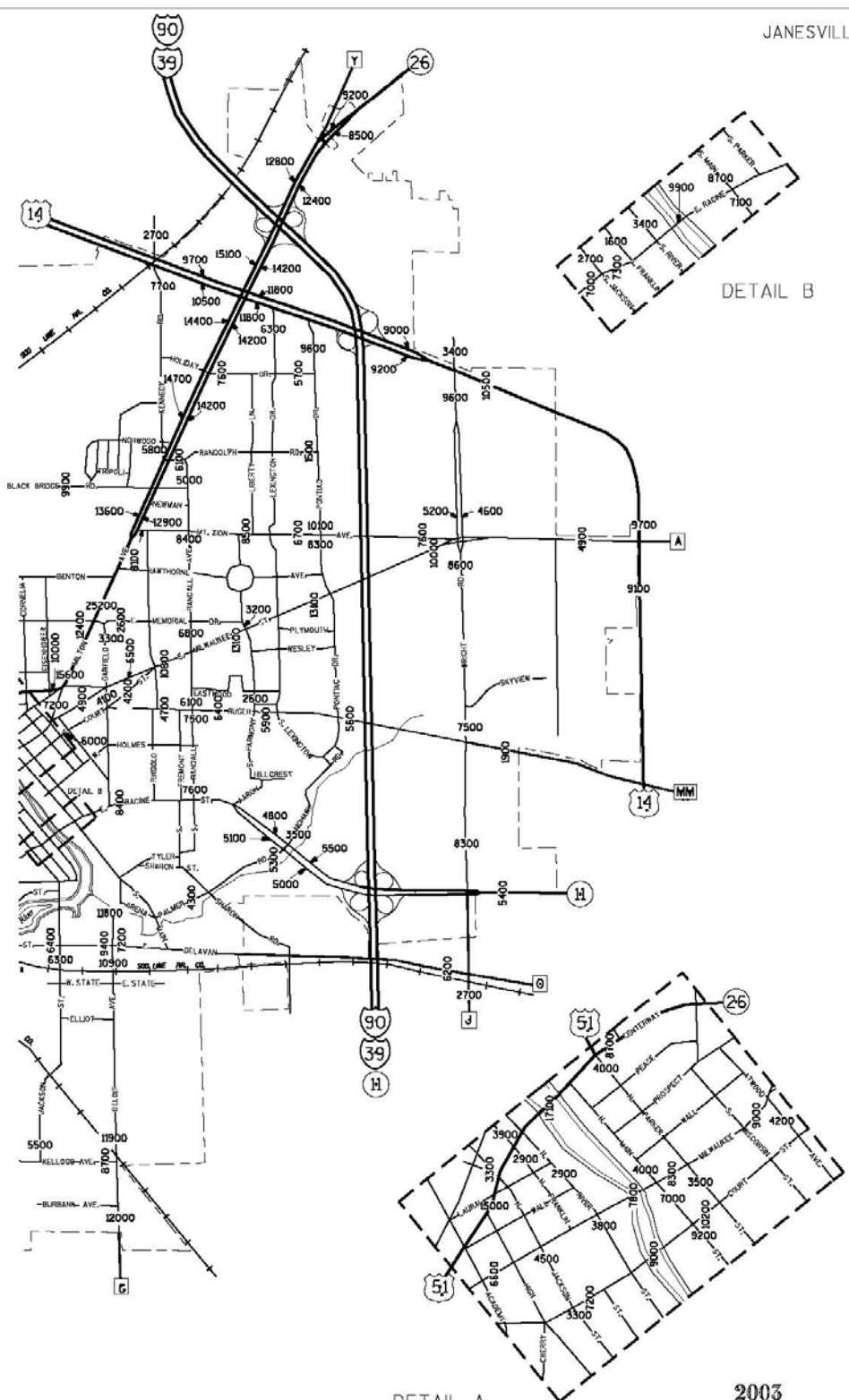
Source: WisDOT

AVERAGE DAILY TRAFFIC

Janesville

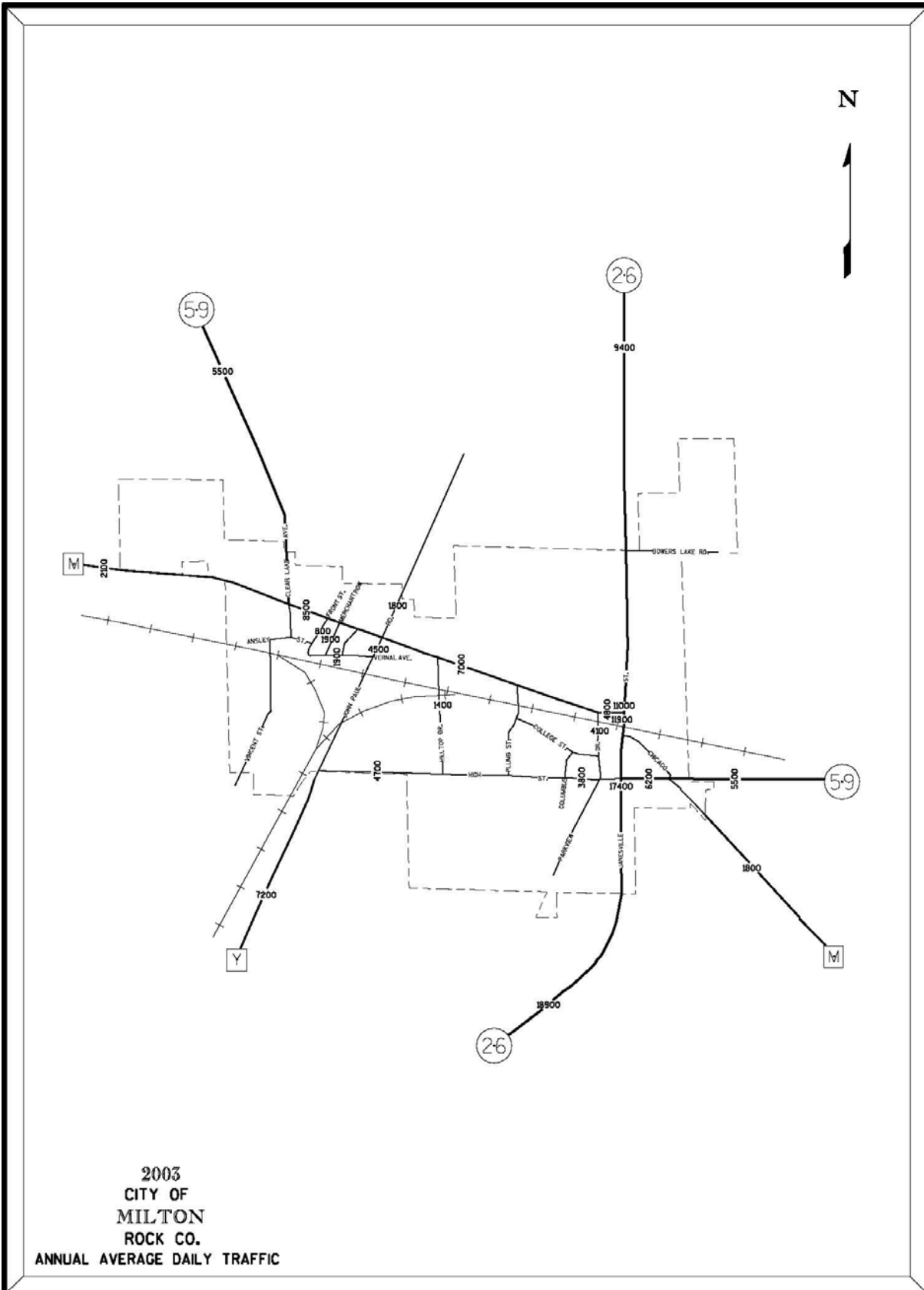


N



2003
 CITY OF
 JANESVILLE
 ROCK CO.
 ANNUAL AVERAGE DAILY TRAFFIC

Milton



CRASH DATA

Major Crash Locations

Location	Fatality	Injury	Property Damage	Total	Total Yearly Average
Grand Total	30	2070	4074	6174	205.8
I 90 & STATE HIGHWAY 26		26	51	77	26
I 90 & STATE HIGHWAY 11	1	17	41	59	20
I 90 & US HIGHWAY 14	1	14	31	46	15
US HIGHWAY 51 & STATE HIGHWAY 11	1	12	22	35	12
I 90 & KENNEDY RD		11	23	34	11
US HIGHWAY 14 & US HIGHWAY 51		8	24	32	11
HUMES RD & N PONTIAC DR		16	13	29	10
MILTON AVE & HUMES RD		7	22	29	10
US HIGHWAY 51 & US HIGHWAY 14		13	14	27	9
HUMES RD & N LEXINGTON DR		15	11	26	9
MILTON AVE & MORSE ST		8	18	26	9
STATE HIGHWAY 26 & COUNTY ROAD N	1	11	14	26	9
CENTER AVE & ROCKPORT RD		8	17	25	8
I 90 & PALMER DR		9	16	25	8
STATE HIGHWAY 11 & COUNTY ROAD G	1	7	17	25	8
MILTON AVE & HOLIDAY DR		10	13	23	8
HOLIDAY DR & MILTON AVE		5	17	22	7
I 90 & COUNTY ROAD O		5	16	21	7
HUMES RD & DEERFIELD DR		6	14	20	7
I 90 & E RACINE ST		8	11	19	6
I 90 & NEWVILLE RD		5	14	19	6
MILTON AVE & RANDOLPH RD		12	7	19	6
US HIGHWAY 14 & COUNTY ROAD MM		10	9	19	6
BELOIT AVE & KELLOGG AVE		8	10	18	6
I 90 & WOODMAN RD		6	11	17	6
MILTON AVE & BLACKBRIDGE RD		5	12	17	6
MILTON AVE & LODGE DR		5	12	17	6
CENTER AVE & RIVERSIDE ST		7	9	16	5
HOLIDAY DR & LIBERTY LN		7	9	16	5
MILTON AVE & KETTERING ST		5	11	16	5
US HIGHWAY 14 & N RIVER RD	1	5	10	16	5
US HIGHWAY 51 & COUNTY ROAD F		3	13	16	5
US HIGHWAY 51 & STATE ROAD 351		9	7	16	5
CENTER AVE & W STATE ST		6	9	15	5
I 90 & AVALON RD		6	9	15	5
I 90 & MANOGUE RD		2	13	15	5
CENTER AVE & KELLOGG AVE		4	10	14	5
COUNTY ROAD G & STATE HIGHWAY 11	1	3	10	14	5
COUNTY ROAD J & E AVALON RD		7	7	14	5
I 90 & COUNTY ROAD M		5	9	14	5
I 90 & MONOGUE RD		7	7	14	5

Fatality Crashes

Location	Fatality	Total Accidents at Site
Grand Total	30	6174
COUNTY ROAD A & N HENKE RD	3	8
W ROCKPORT RD & S CROSBY AVE	1	3
W ROCKPORT & S WILLING RD	1	1
W HAPPY HOLLOW R & S RIVER RD	1	7
US HIGHWAY 51 & W AIRPORT RD	1	7
US HIGHWAY 51 & STATE HIGHWAY 11	1	35
US HIGHWAY 14 & NEWVILLE RD	1	3
US HIGHWAY 14 & N RIVER RD	1	16
STATE HIGHWAY 26 & COUNTY ROAD NN	1	10
STATE HIGHWAY 26 & COUNTY ROAD N	1	26
STATE HIGHWAY 59 & CLEAR LAKE RD	1	2
STATE HIGHWAY 11 & S READ RD	1	2
STATE HIGHWAY 11 & COUNTY ROAD G	1	25
S MAIN ST & ST LAWRENCE AVE	1	2
PARKSIDE DR & PARKHILL DR	1	1
NORTH RIVER RD & N SUNNY SHORES R	1	1
MILTON AVE & BLAINE AVE	1	5
JANESVILLE ST & ARTHUR DR	1	4
I 90 & US HIGHWAY 14	1	46
I 90 & STATE HIGHWAY 11	1	59
I 90 & ROGER AVE	1	1
COUNTY ROAD Y & E ROVI DR	1	6
COUNTY ROAD MM & N TARRANT RD	1	1
COUNTY ROAD G & STATE HIGHWAY 11	1	14
COUNTY ROAD G & DETROIT ST	1	1
COUNTY ROAD D & W 6TH ST	1	1
COUNTY ROAD D & CROSBY AVE	1	1
AFTON RD & FAWN LN	1	2

Injury Crashes

Location	Injuries	Total Accidents at Site
Grand Total	2070	6174
I 90 & STATE HIGHWAY 26	26	77
I 90 & STATE HIGHWAY 11	17	59
HUMES RD & N PONTIAC DR	16	29
HUMES RD & N LEXINGTON DR	15	26
I 90 & US HIGHWAY 14	14	46
US HIGHWAY 51 & US HIGHWAY 14	13	27
US HIGHWAY 51 & STATE HIGHWAY 11	12	35
MILTON AVE & RANDOLPH RD	12	19
STATE HIGHWAY 26 & COUNTY ROAD N	11	26
I 90 & KENNEDY RD	11	34
MILTON AVE & HOLIDAY DR	10	23
US HIGHWAY 14 & COUNTY ROAD MM	10	19
I 90 & PALMER DR	9	25
US HIGHWAY 51 & STATE HIGHWAY 351	9	16
US HIGHWAY 14 & US HIGHWAY 51	8	32
MILTON AVE & MORSE ST	8	26
CENTER AVE & ROCKPORT RD	8	25
I 90 & E RACINE ST	8	19
BELOIT AVE & KELLOGG AVE	8	18
CENTER AVE & DELAVAN DR	8	13
STATE HIGHWAY 11 & COUNTY ROAD G	7	25
MILTON AVE & HUMES RD	7	29
CENTER AVE & RIVERSIDE ST	7	16
HOLIDAY DR & LIBERTY LN	7	16
COUNTY ROAD J & E AVALON RD	7	14
I 90 & MONOGUE RD	7	14
STATE HIGHWAY 11 & I 90	7	13
CENTER AVE & W COURT ST	7	12
HUMES RD & BELL ST	7	12
W COURT ST & PEARL ST	7	8
HUMES RD & DEERFIELD DR	6	20
I 90 & WOODMAN RD	6	17
CENTER AVE & W STATE ST	6	15
I 90 & AVALON RD	6	15
CENTER AVE & CONDE ST	6	13
HUMES RD & MILTON AVE	6	13
HUMES RD & KENNEDY RD	6	12
HUMES RD & N WRIGHT RD	6	12
S MAIN ST & E COURT ST	6	10

RECOMMENDED PROJECTS

Sixty-one potential projects were included in the long range plan; 36 of the projects are already listed in the 2006-2011 TIP and 26 are new projects. The recommended projects were developed through evaluating the deficiency levels projected for 2035 the entire MPO, as indicated by WisDOT's transportation demand model, the insights of MPO Staff, the recommendations of the participating jurisdictions and the expected funding availability.

RECOMMENDED PROJECTS

The recommended projects were developed through evaluating the deficiency levels projected for 2035, should no major improvements occur to the street network, beyond the realignment of Highway 26, and the conversion of Jackson and Franklin to two-way streets. The expected funding availability was also incorporated into the decision making process.

Recommended preservation and capacity expansion projects for the Janesville Area MPO are listed in Tables 2 through 5. Projects have been divided into committed and planned projects. Committed projects have been identified in the first three years of the 2006-2011 TIP. The MPO realizes that needs and priorities may change over the course of this 30-year plan. Therefore, the construction dates shown within this plan are tentative. The MPO's actual needs and funding availability will govern when recommended projects are constructed.

Preservation projects, both committed and planned, include the reconstruction, rehabilitation, resurfacing, and reconditioning of roadways and bridges, as well as signal installation and rail-crossing improvements. Capacity expansion projects include the complete rebuilding of an existing roadway to improve geometrics or create additional travel lanes, or the construction of a new alignment to provide additional capacity or access. Several of the projects have the potential to address safety through the reconstruction of roadway, or the alleviation of congestion on existing corridors.

NOTES:

The MPO, and all those jurisdictions participating within its boundary, realize that needs may change overtime. The final prioritization and implementation schedule will be based upon the MPO's current needs, and funding availability. Projects will be subject to the requirements of the National Environmental Policy Act (NEPA), which may affect the implementation of a project. The timelines shown, funding sources, projects scopes, and the projects themselves may change significantly, projects may be added and deleted between the time this plan is published and the implementation of projects.

All project cost estimates are based on 2005 constant dollars. Listing any portion of a project, design, study, etc. indicates the MPO's intention to implement the project in its entirety.

The alignments shown in Figure 3 are for illustrative purposes only. Early in the design phase, the responsible jurisdiction will provide the final alignment. For projects in the design, study and planned phases only proposed alignments are shown.

Committed Projects

Any project with committed funding in the *2006 TIP*, *2005 STIP*, or the *State 2004 -2009 Six-year Highway Improvement Plan* is listed as committed in the *2005-2035 Long Range Transportation Plan*.

Planned Projects

The planned projects fall within five subcategories: planned expansion, preservation (short and long range), under study, recommended for study and future action. The recommendations for planned projects were drawn from several sources including: project recommendations from the *1987-2005 Traffic Circulation Plan*, the *Urban Corridors Needs Study*, local roads inventory listings, and recommendations from the State, County, participating jurisdictions, and the results of the transportation model.

Expansion Projects

Expansion projects add capacity to the network by adding additional lanes to an existing roadway, or creating a new roadway. Table 4 lists recommended planned expansion projects and their projected costs. In the table the projects are separated into capacity expansion projects, projects that add capacity to an existing alignment, and new roadway projects.

For expansion projects, it was assumed that any additional lanes could be added to the existing roadway. Project costs were estimated using the project type, new road or expansion, the number of lanes being added and the projects lineal feet. The type of project, expansion or new roadway, dictated the per lane cost used. The per lane costs used are listed in the *Recommended Planned Expansion Projects* section.

Preservation Projects

Annually, each jurisdiction will determine the projects that best serve their community, based on the available funds and current needs. Some of the projects will be resurfacing and some reconstruction; the combined activities create the rehabilitation activities for each jurisdiction.

Short Range Preservation

Short range preservation is a listing of projects that are expected to occur in the near future. These projects have already been identified in the *2006-2011 TIP*, but they do not have committed funding; they are in the outyears.

Long Range Preservation

Long range preservation is scheduled to occur in 2012-2035. Specific projects were not identified due to the difficulty associated with identifying preservation projects that far in the future. For the Cities of Janesville and Milton the average rehabilitation budget and the average per mile rehabilitation costs within each municipality was used to calculate the number of miles that they can reasonably expect to rehabilitate in the next 30 years, shown in Table 3. The average roadway lifecycle of 22 years was used to divine the miles that will need to be rehabbed yearly within each of the remaining jurisdictions. The average rehabilitation cost was based on the roadways jurisdiction, town, county or State Highway. The methodology used to identify the average mileage for each jurisdiction and the costs applied is provided in the *Recommended Planned Preservation* section.

Projects Under Study

Some of the planned projects are under study. A study is to determine need, feasibility and once warranted, the projects description, such as its scope and alignment.

The following projects are Major Projects under study:

*Janesville Area Long Range Transportation Plan
Streets & Highways: Appendix*

- The I-39 corridor from the Illinois Stateline to Madison.
- The HWY 11/14 corridor would potentially extend from Highway 14 on Janesville's west side to Highway 43 to the east. As a part of this project, a new alignment would be created between the Highway 11 bypass and Highway 14.

The realignment of Highway 26 is a Majors project that has been approved for construction.

Recommended for Study

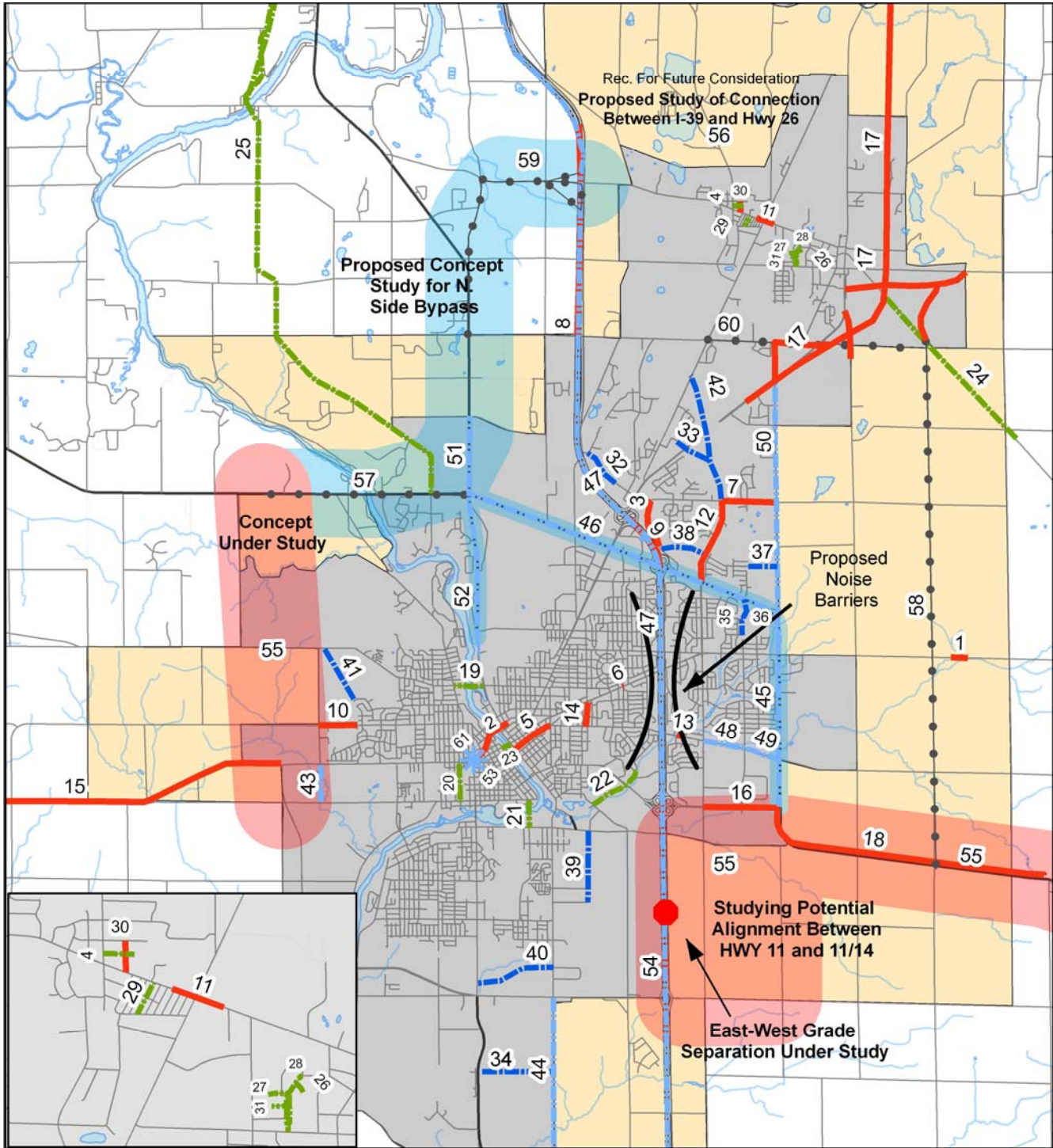
These are state projects that require further action, such as a study.

Future Action

These are projects that do not have an identified project scope, such as the 5 Points project, or are thought to be outside of the current planning period. To aid in efficient regional growth, many of these projects need to be in our thoughts as corresponding plans are updated. By identifying the projects early, benefits and costs can be evaluated in a timely manner, and, should the project be justified, funding gathered. The potential regional impact of these projects makes early and thorough discussion and planning especially important.

The projects that are under study, and recommended for future action were not included in the financial analysis.

FIGURE 3 RECOMMENDED PROJECTS



Recommended Projects	— Plan. Exp. - Add Capacity	Boundaries	Studies *
— Committed	● Rec. For Future Consideration	■ MPO Boundary	● Under Study
— Planned SR Preservation	5 Project Number	■ Urban Area	● Recommended For Study
— Plan. Exp. - New Road			

*Projects under or proposed for study have not been approved, nor has their final alignment been identified. The colored area indicates the potential location of the corridor, should the project be approved.

**2005 - 2035 Janesville Area
Transportation Plan**

**PROPOSED STREET
& HIGHWAY PROJECTS**

S:\Projects\2005 LRP - Streets planned projects 8 x 11.mxd