

PRELIMINARY DRAFT

SEWRPC Planning Report No. 15 (2nd Edition) A Jurisdictional Highway System Plan for Walworth County

Chapter V

RECOMMENDED WALWORTH COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN

The following text was written assuming Walworth County Jurisdictional Highway Planning Committee approval of the final recommended year 2035 Walworth County jurisdictional highway system plan, including:

- Retaining the planned extension of the USH 12 freeway between the Cities of Elkhorn and Whitewater;
- Retaining the planned widening of STH 50 between IH 43 and CTH F (south) from two to four traffic lanes;
- Retaining the reservation of right-of-way along STH 50 between CTH F (south) and STH 67 to accommodate possible future widening of the facility with additional lanes beyond the design year 2035 of the plan;
- Retaining the reservation of right-of-way along USH 14 between the Rock County line and the Illinois State line to accommodate possible future improvement and some realignment of the facility beyond the design year 2035 of the plan; and
- Retaining the planned jurisdiction of CTH K and CTH C between USH 14 and STH 67 as a County arterial.

The Commission staff recommends that action be taken by the Committee to approve the preliminary recommended year 2035 Walworth County jurisdictional highway system plan as the final recommended year 2035 Walworth County jurisdictional highway system plan. This text will need to be revised should the Committee approve the final recommended year 2035 Walworth County jurisdictional highway system

plan with changes discussed and agreed upon by the Committee to the preliminary recommended jurisdictional highway system plan.

INTRODUCTION

This chapter describes the recommended year 2035 Walworth County jurisdictional highway system plan approved by the Walworth County Jurisdictional Highway Planning Committee. The plan recommends the arterial street and highway system required to meet existing and forecast future traffic demands at an adequate level of service, and also recommends the level of government—State, county, or local—which should have responsibility for the design, construction, maintenance, and operation of each segment of the arterial street and highway system in Walworth County. The recommended jurisdictional highway system plan constitutes a refinement and amendment of the functional improvements recommended in the regional transportation plan in Walworth County, and is intended to be a functional, as well as jurisdictional, arterial street and highway system plan for Walworth County to the design year 2035. In addition, this chapter attempts to identify the actions required to implement the recommended year 2035 Walworth County jurisdictional highway system plan.

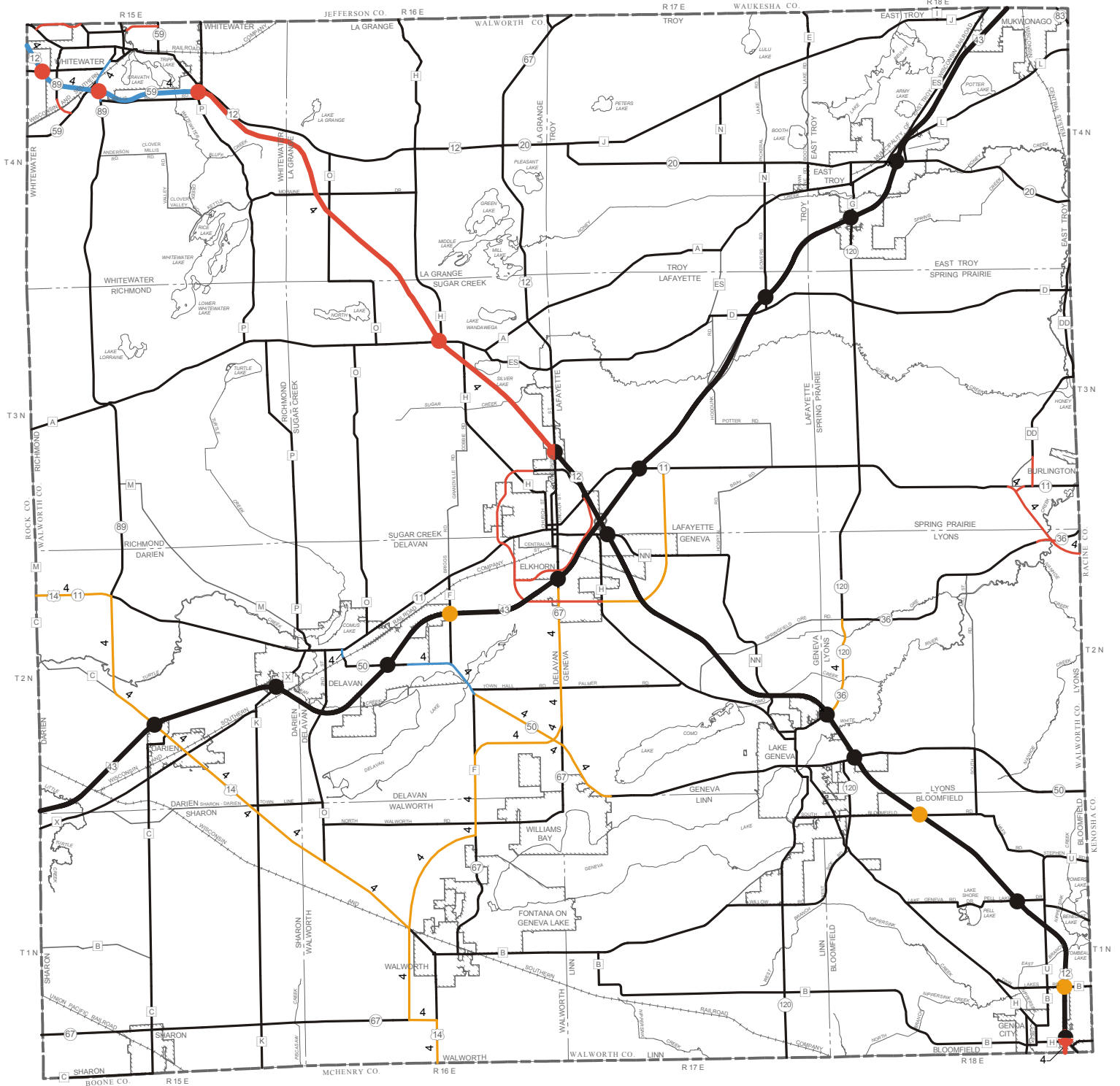
FUNCTIONAL IMPROVEMENT RECOMMENDATIONS FOR WALWORTH COUNTY

The functional, or capacity, improvements recommended under the year 2035 Walworth County jurisdictional highway system plan as considered and approved by the Walworth County Jurisdictional Highway Planning Committee are displayed in Map 13 and Table 11. Of the total 485 miles of planned arterial system in Walworth County, a total of 450 miles would require only preservation, or resurfacing and reconstruction; 8 miles would require improvement, or widening to provide additional traffic lanes; and 27 miles would consist of new facilities.

RECOMMENDED JURISDICTIONAL HIGHWAY SYSTEM PLAN FOR WALWORTH COUNTY

The recommended year 2035 Walworth County jurisdictional highway system plan considered and

**FUNCTIONAL IMPROVEMENTS RECOMMENDED IN THE FINAL RECOMMENDED
YEAR 2035 WALWORTH COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN**

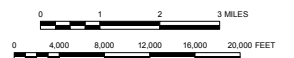


ARTERIAL STREET OR HIGHWAY

- NEW
- WIDENING AND/OR OTHER IMPROVEMENT TO PROVIDE SIGNIFICANT ADDITIONAL CAPACITY
- RESERVE RIGHT-OF-WAY TO ACCOMMODATE FUTURE IMPROVEMENT (ADDITIONAL LANES OR NEW FACILITY)
- RESURFACING OR RECONSTRUCTION TO PROVIDE ESSENTIALLY THE SAME CAPACITY
- 4** NUMBER OF LANES (2 WHERE UNNUMBERED)

FREEWAY INTERCHANGE

- NEW
- ◐ NEW HALF
- EXISTING
- RESERVE RIGHT-OF-WAY TO ACCOMMODATE FUTURE IMPROVEMENT (POTENTIAL NEW INTERCHANGE)



- 2b -

Table 11

**FUNCTIONAL IMPROVEMENTS IN WALWORTH COUNTY RECOMMENDED IN THE FINAL RECOMMENDED
YEAR 2035 WALWORTH COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN**

Recommended Jurisdiction	Improvement Type	Facility	Termini	Improvement Description
State	Widening	USH 12 STH 50 STH 50 STH 89	Rock County line to CTH P STH 11 to Washington Street North Shore Drive to CTH F Willis Ray Road to Janesville Street	Widen from two to four traffic lanes Widen from two to four traffic lanes Widen from two to four traffic lanes Widen from two to four traffic lanes
	Expansion	USH 12 extension USH 12 extension STH 11/36 (Burlington Bypass)	STH 67 to CTH P CTH H to Illinois State line CTH DD to Racine County line	Construct four lanes on new alignment Construct four lanes on new alignment Construct four lanes on new alignment
County	Expansion	CTH DD relocation CTH 36 relocation	STH 11 to CTH DD CTH 36 to STH 11/36 (Burlington Bypass)	Construct two lanes on new alignment Construct two lanes on new alignment
		West Market Street extension	Voss Road to CTH H	Construct two lanes on new alignment
Local	Widening	Janesville Street	STH 59 to Whitewater Street	Widen from two to four traffic lanes
	Expansion	East Market Street extension	Planned New Facility ("outer" ring road) to STH 11	Construct two lanes on new alignment
		Indian Mound Parkway extension	Walworth Street and STH 59	Construct two lanes on new alignment
		New Facility	Main Street to Tratt Street	Construct two lanes on new alignment
		New Facility ("outer" ring road)	Planned East Market Street Extension to CTH H (south)	Construct two lanes on new alignment
		Starin Street extension	Fremont Street to Newcomb Street (STH 59)	Construct two lanes on new alignment
		West Market Street extension	CTH H (north) to Planned East Market Street Extension	Construct two lanes on new alignment

Source: SEWRPC

approved by the Walworth County Jurisdictional Highway Planning Committee is shown on Map 14. Map 15 shows the changes in jurisdictional responsibility that would need to occur to implement the recommended jurisdictional highway system plan over the next 25 years. Table 12 provides a comparison of the arterial and nonarterial street and highway mileage in Walworth County under existing year 2005 conditions and under the recommended year 2035 Walworth County jurisdictional highway system plan. The recommended arterial street and highway system would include approximately 485 miles, or about 32 percent of the expected 1,532-mile year 2035 total street and highway system in Walworth County. The State arterial element of the recommended jurisdictional plan would include 211 miles of arterial facilities, or about 44 percent of the 485 mile planned arterial system. This represents a reduction of 2 miles in the existing state trunk highway system in Walworth County. The county arterial element of the recommended jurisdictional plan would include 190 miles of arterial facilities, or about 39 percent of the 485 mile planned arterial system. This represents a decrease of three miles in the existing county trunk highway system in Walworth County. The local arterial element of the recommended jurisdictional plan would include 84 miles of arterial facilities, or about 17 percent of the 485 mile planned arterial system. Table 13 presents the distribution of planned arterial street and highway mileage within Walworth County in 2035 by State, county, and local jurisdictional classification.

PLAN IMPLEMENTATION

Recommended plan actions are listed in the following paragraphs by level of government concerned.

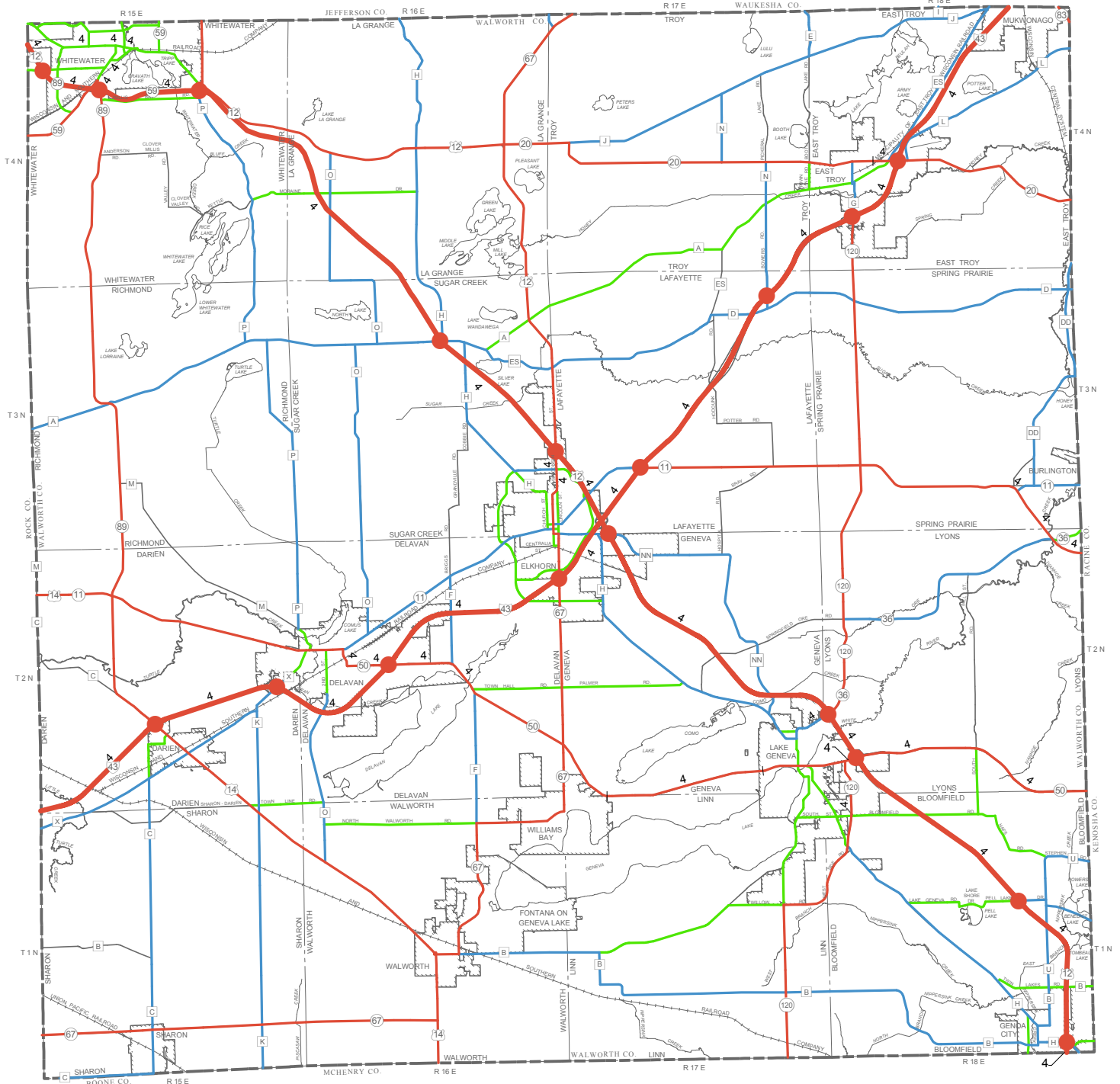
Local Level

Walworth County Board of Supervisors

It is recommended that the Walworth County Board, upon recommendation of the Public Works Committee of the Walworth County Board of Supervisors, do the following:

1. Adopt the recommended jurisdictional highway system plan as a guide to future highway facility development within the County.
2. Seek, in cooperation with the Wisconsin Department of Transportation and local units of government, the implementation of the jurisdictional transfers with respect to the state trunk, county trunk, and local trunk systems, as recommended in the jurisdictional highway system plan.
3. Proceed with right-of-way acquisition and facility construction as necessary to implement

FINAL RECOMMENDED YEAR 2035 WALWORTH COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN



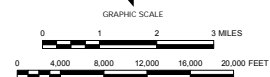
FREEWAY

- STATE TRUNK HIGHWAY
- INTERCHANGE

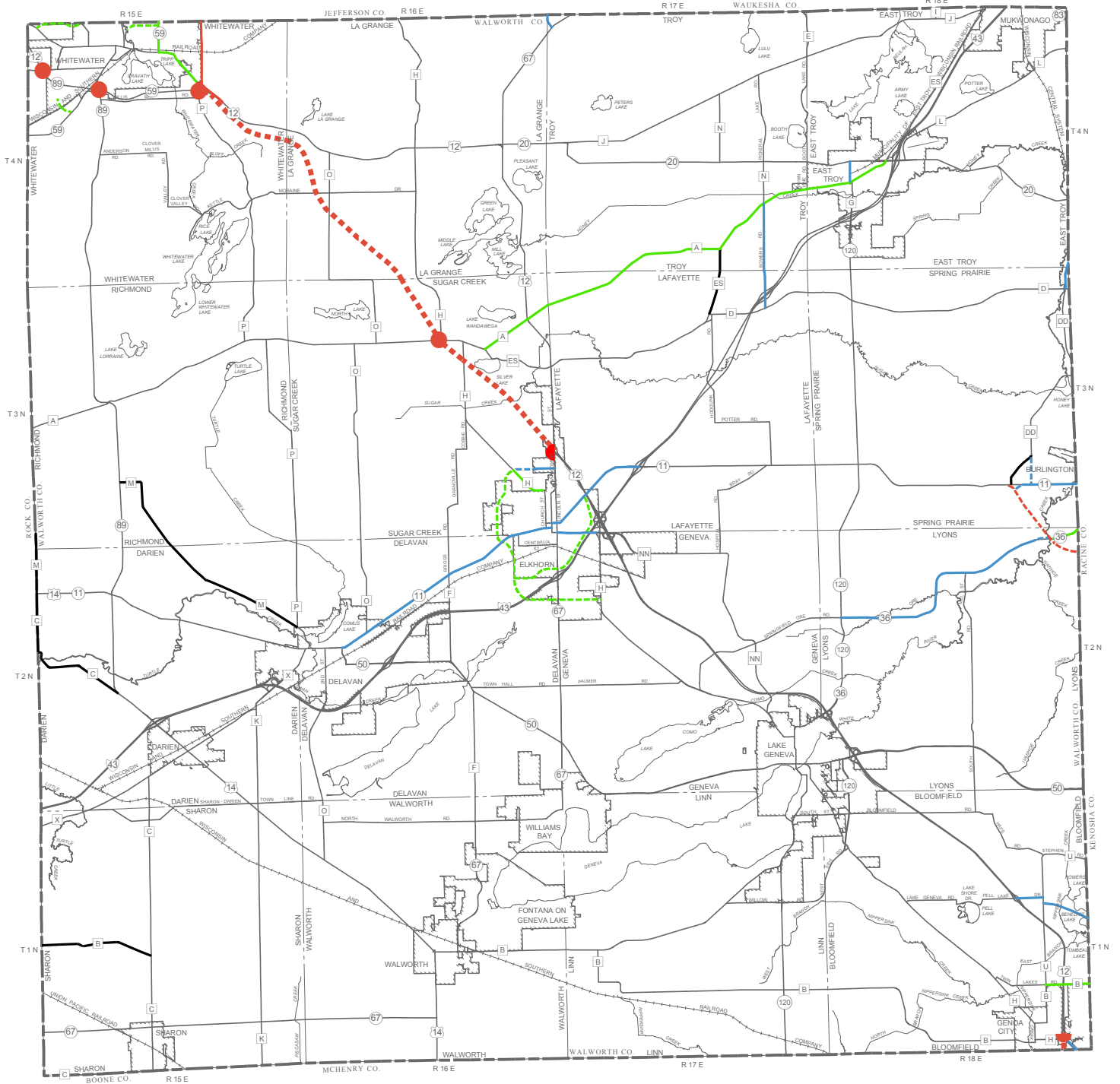
STANDARD ARTERIAL

- STATE TRUNK HIGHWAY
- COUNTY TRUNK HIGHWAY
- LOCAL TRUNK HIGHWAY

4
NUMBER OF LANES
(2 WHERE UNNUMBERED)



**CHANGES IN JURISDICTIONAL RESPONSIBILITY UNDER THE FINAL
RECOMMENDED YEAR 2035 WALWORTH COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN**

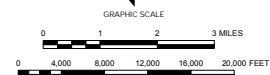


TRANSFER TO:

- STATE TRUNK HIGHWAY SYSTEM
- COUNTY TRUNK HIGHWAY SYSTEM
- LOCAL TRUNK HIGHWAY SYSTEM
- LOCAL (NON-ARTERIAL) SYSTEM

NEW FACILITY:

- - - STATE TRUNK HIGHWAY SYSTEM
- - - COUNTY TRUNK HIGHWAY SYSTEM
- - - LOCAL TRUNK HIGHWAY SYSTEM
- FULL INTERCHANGE
- ◐ HALF INTERCHANGE



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Table 12

**COMPARISON OF WALWORTH COUNTY STREET AND HIGHWAY MILEAGE UNDER
EXISTING YEAR 2005 CONDITIONS AND UNDER THE FINAL RECOMMENDED YEAR 2035
WALWORTH COUNTY JURISDICTIONAL HIGHWAY SYSTEM**

Year	State ^a Arterial	County			Local			Total		
		Arterial	Nonarterial	Total	Arterial	Nonarterial	Total	Arterial	Nonarterial	Total
2005	213	168	25	193	78	1,023	1,101	459	1,048	1,507
2035	211	190	0	190	84	1,047 ^b	1,131	485	1,047 ^b	1,532

^a Includes Interstate, United States, State Trunk and connecting highways under state jurisdiction.

^b Does not include new nonarterial roadway constructed after existing year 2005.

Source: Wisconsin Department of Transportation and SEWRPC

Table 13

**ARTERIAL STREET AND HIGHWAY MILEAGE BY JURISDICTION UNDER THE FINAL
RECOMMENDED YEAR 2035 WALWORTH COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN**

Jurisdiction	Planned Arterial Miles			
	State	County	Local	Total
City of Delavan.....	8.4	1.8	2.2	12.4
City of Elkhorn.....	10.3	5.3	9.9	25.5
City of Lake Geneva.....	5.1	1.5	6.6	13.2
City of Whitewater.....	3.3	0.0	11.6	14.9
Village of Darien.....	1.5	1.3	1.0	3.8
Village of East Troy.....	5.6	2.1	2.2	9.9
Village of Fontana on Lake Geneva....	1.5	0.6	0.0	2.1
Village of Genoa City.....	0.0	2.6	1.4	4.0
Village of Mukwonago.....	1.4	0.7	0.0	2.1
Village of Sharon.....	1.0	1.6	0.0	2.6
Village of Walworth.....	2.6	0.2	0.0	2.8
Village of Williams Bay.....	1.6	0.0	0.0	1.6
Town of Bloomfield.....	9.9	17.5	11.0	38.4
Town of Darien.....	18.2	8.3	1.3	27.8
Town of Delavan.....	8.1	13.1	3.6	24.8
Town of East Troy.....	8.4	13.0	0.1	21.5
Town of Geneva.....	13.1	12.5	2.9	28.5
Town of La Grange.....	16.5	9.8	3.0	29.3
Town of Lafayette.....	11.7	8.6	1.9	22.2
Town of Linn.....	4.9	7.0	5.3	17.2
Town of Lyons.....	12.1	5.8	1.7	19.6
Town of Richmond.....	6.4	11.3	0.0	17.7
Town of Sharon.....	6.6	13.8	0.6	21.0
Town of Spring Prairie.....	12.2	13.1	0.0	25.3
Town of Sugar Creek.....	7.7	19.5	3.1	30.3
Town of Troy.....	8.0	10.7	5.1	23.8
Town of Walworth.....	10.2	3.6	3.7	17.5
Town of Whitewater.....	14.8	4.7	5.7	25.2
Total	211.1	190.0	83.9	485.0

Source: SEWRPC

functional improvements recommended under the jurisdictional highway system plan.

4. Establish, with the approval of the municipalities as they are affected, a modified “official” map, pursuant to Section 80.64 of the Wisconsin Statutes, identifying the location and necessary right-of-way of all planned state and county trunk highways.

City Common Councils, Village Boards, and Town Boards

It is recommended that the city common councils, village boards, and town boards in Walworth County, upon recommendations, as appropriate, of their plan commissions and boards of public works, do the following:

1. Endorse the recommended jurisdictional highway system plan as a guide to highway system development within their area of jurisdiction. It is further suggested that the respective local plan commissions endorse and integrate the recommended jurisdictional highway system plan into the local comprehensive plans and recommend plan adoption to their local governing body.
2. Act to approve a county official map prepared in conformance with the recommended jurisdictional highway system plan, and establish local official maps including the state, county, and local trunk highway facilities.
3. Proceed with right-of-way acquisition and facility construction to implement the functional improvements recommended under the jurisdictional highway system plan.
4. Seek, in cooperation with the Walworth County Board and the Wisconsin Department of Transportation, the implementation of the jurisdictional transfers with respect to the state, county, and local trunk systems as recommended in the jurisdictional highway system plan.

Regional Level

Regional Planning Commission

It is recommended that the Southeastern Wisconsin Regional Planning Commission act to formally adopt the recommended jurisdictional highway system plan as an integral part of the master plan for the Region, constituting an amendment to the regional transportation plan.

State Level

Wisconsin Department of Transportation

It is recommended that the Wisconsin Department of Transportation do the following:

1. Endorse and integrate the recommended jurisdictional highway system plan into the state long-range highway system plan.
2. Seek, in cooperation with the Walworth County Board of Supervisors and appropriate local officials, the implementation of the jurisdictional transfers with respect to the state trunk, county trunk, and local trunk systems, as recommended in the jurisdictional highway system plan.
3. Proceed with right-of-way acquisition and facility construction to implement the functional improvements recommended under the jurisdictional highway system plan.

Federal Level

U.S. Department of Transportation, Federal Highway Administration

It is recommended that the U.S. Department of Transportation, Federal Highway Administration acknowledge the recommended jurisdictional highway system plan for Walworth County.

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