

Photo Credit: Datema Media, LLC

CAPITAL IMPROVEMENT PLAN 2020-2025

OTSEGO COUNTY, MICHIGAN

Approved by the Planning Commission on 11/18/2019
Adopted by the Board of Commissioners on 11/26/2019



TABLE OF CONTENTS

INTRODUCTION _____	3
MICHIGAN PLANNING ENABLING ACT _____	3
CAPITAL IMPROVEMENTS _____	4
LIMITATION ON AUTHORITY _____	5
PROCEDURES _____	6
PROJECT PRIORITIZING _____	7
CAPITAL PROJECTS _____	8
OTSEGO COUNTY PUBLIC SAFETY COMPLEX _____	8
IRON BELLE TRAIL GAYLORD GATEWAY TRAILHEAD _____	9
OTSEGO LAKE OUTLET STRUCTURE REPLACEMENT _____	10
GAYLORD REGIONAL AIRPORT BOX HANGAR _____	11
GAYLORD REGIONAL AIRPORT REHABILITATE RUNWAY 9-27 _____	12
OCRC MARLETTE ROAD FROM SHERMAN ROAD TO FANTASY DRIVE PROJECT _____	13
OCRC KRYS ROAD RESURFACING PROJECT _____	14
OCRC MARLETTE ROAD FROM OLD 27 TO SHERMAN ROAD PROJECT _____	15
OCRC MURNER ROAD PROJECT _____	16
OCRC WILKINSON ROAD PROJECT _____	17
OCRC HALLOCK ROAD PROJECT _____	18

INTRODUCTION

MICHIGAN PLANNING ENABLING ACT

The Michigan Planning Enabling Act requires local municipalities that have adopted a master plan to annually prepare a capital improvements program. This language is contained in Article IV, Section 65, subparts (1) and (2), which reads:

- (1) To further the desirable future development of the local unit of government under the master plan, a planning commission, after adoption of a master plan, shall annually prepare a capital improvements program of public structures and improvements, unless the planning commission is exempted from this requirement by charter or otherwise. If the planning commission is exempted, the legislative body either shall prepare and adopt a capital improvements program, separate from or as a part of the annual budget, or shall delegate the preparation of the capital improvements program to the chief elected official or a nonelected administrative official, subject to final approval by the legislative body. The capital improvements program shall show those public structures and improvements, in the general order of their priority that in the commission's judgment will be needed or desirable and can be undertaken within the ensuing 6-year period. The capital improvements program shall be based upon the requirements of the local unit of government for all types of public structures and improvements. Consequently, each agency or department of the local unit of government with authority for public structures or improvements shall upon request furnish the planning commission with lists, plans, and estimates of time and cost of those public structures and improvements.
- (2) Any township may prepare and adopt a capital improvement program. However, subsection (1) is only mandatory for a township if the township, alone or jointly with 1 or more other local units of government, owns or operates a water supply or sewage disposal system.

CAPITAL IMPROVEMENTS

Capital Improvements are generally additions to the County's assets, including the construction or purchase of land, buildings or facilities or major renovations of the same, and are long lasting and involve a substantial investment. For purposes of this Capital Improvement Program (CIP), only the following type of projects that meet this definition of a capital improvement, are included in the program, such as:

- New and expanded physical facilities.
- The acquisition of land for a community facility.
- Major renovation or replacement of existing facilities costing over \$200,000.

Inclusion of a project in this Plan fulfills the requirements of MCL 125.3861.



LIMITATION ON AUTHORITY

This CIP is not meant to appropriate the power of the Otsego County Board of Commissioners in their duty to regulate the expenditure of County funds, but merely to provide guidance and recommendations to projects that may have a long-term impact on the community. To that end, the following limitations on authority will be observed:

- A. The Otsego County Board, its departments, and agencies have every right and an obligation to make emergency repairs without prior comment from the Otsego County Planning Commission. Information on such emergency repairs, will however, be submitted as soon as practicable to the Chairperson of the Planning Commission.

- B. Grant Applications that are attempting to obtain funds for projects that would fall under the CIP guidelines will be presented to the Planning Commission as soon as practicable.



PROCEDURES

- A. The Capital Improvements Program Committee is charged with gathering project information for inclusion into the CIP. The Committee consists of the Chairperson of the Otsego County Planning Commission or his/her designee; the Otsego County Land Use Services Director; the Otsego County Planning/Zoning Director, the Otsego County Board Chairperson or his/her designee, an additional representative of the Otsego County Planning Commission; and the Otsego County Administrator. The Otsego County Planning/Zoning Director will act as the CIP Coordinator, with the responsibility of coordinating data gathering.
- B. The CIP Committee will create a draft CIP.
- C. The draft CIP will be sent to the Otsego County Planning Commission for comment/changes each year.
- D. The Planning Commission will conduct a public hearing on the draft CIP each year.
- E. Planning Commission will forward draft CIP, along with recommendation, to the Otsego County Board each year.
- F. Otsego County Board will adopt, modify, or reject with reasons, the CIP.
- G. The Capital Improvements Program Committee will annually update the CIP, and follow the above process.



PROJECT PRIORITIZING

Projects will be prioritized using the following categories:

A. Urgent (imperative, must do)

- Satisfies a legal obligation (legal mandate)
- Corrects a condition dangerous to public health or safety
- Alleviates an emergency service disruption or deficiency
- Prevents irreparable damage to a valuable public facility

B. Important (essential, should do)

- Rehabilitates or replaces an obsolete public facility or attachment to the facility
- Stimulates economic growth and private capital investment
- Reduces future operating and maintenance costs
- Leverages available state or federal funds

C. Desirable (important, could do)

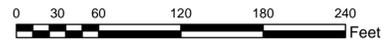
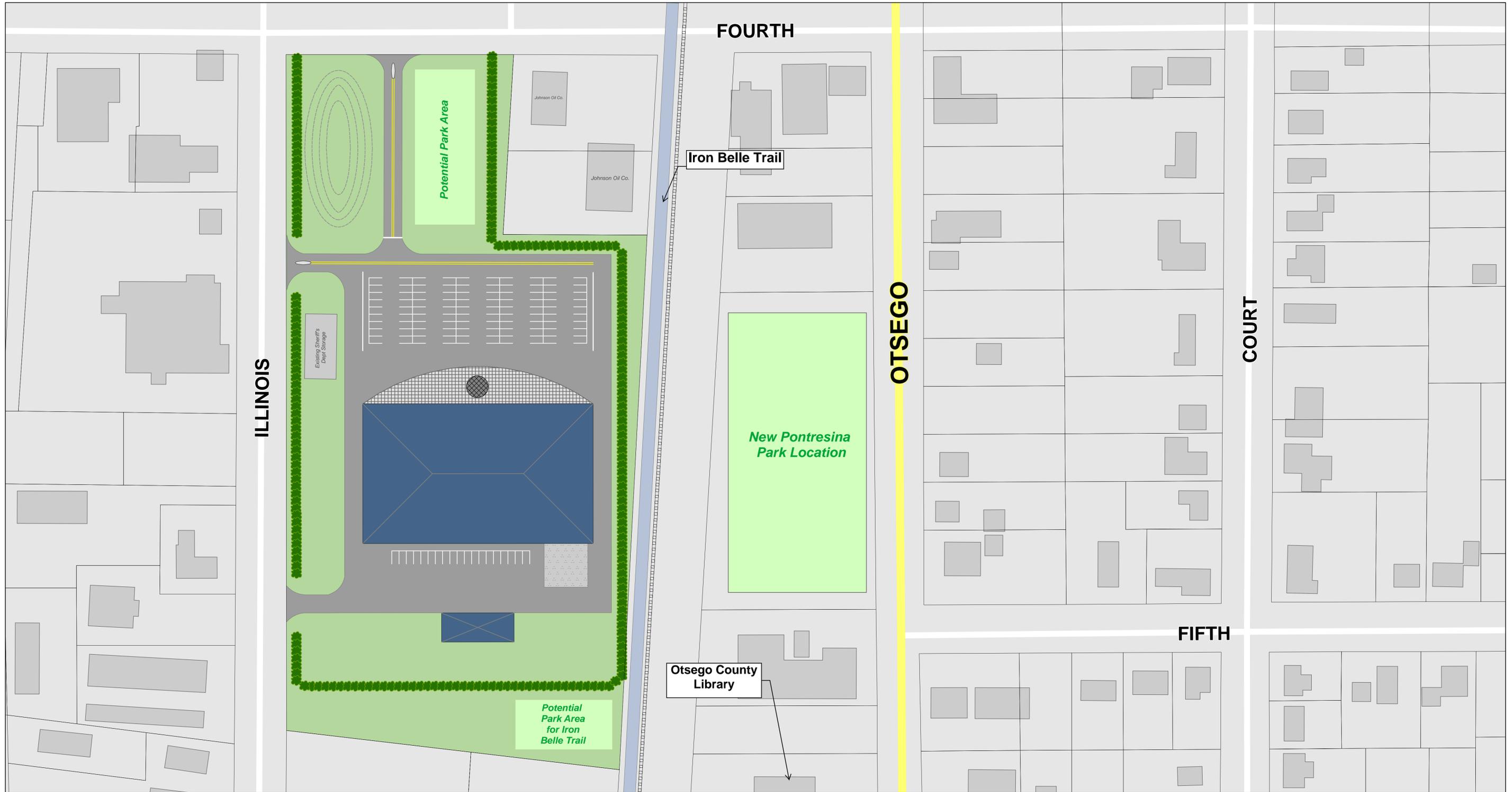
- Provides a new or expanded level of service
- Promotes intergovernmental cooperation
- Enhances cultural or natural resources

CAPITAL PROJECTS

OTSEGO COUNTY PUBLIC SAFETY COMPLEX

- Agency: Otsego County
- Project Type: New Construction
- Year(s) of Project: 2020-2021
- Project Description:
 - The proposed complex would consist of a detention facility (jail), office space, and courtrooms. It would house the Sheriff's Department Road Patrol, the court system, prosecutor's office, court administration, probation/parole, and the work camp program. Preliminary analysis suggests the need for a 61,000 ft² building.
- Schedule:
 - Design: Spring 2020
 - Construction: Spring 2021
- Estimated Cost: TBD
- Basis of Cost Estimate: TBD
- Alternative Financing:
 - Funding would likely have to come from a dedicated jail millage, which has not been passed at this time.
- Agency Reported Priority: Urgent
- Planning Commission Reported Priority: **Urgent**





Otsego County Public Safety Complex

Preliminary Design Concept

Legend

- Railroad
- Park
- Iron Belle Trail
- Existing Bldgs
- Contours
- Proposed Bldgs
- Roof Line
- Flag Center
- Island
- Loading Dock
- Plaza
- Trees
- Parking Lot



Sheet No.
1 of 1

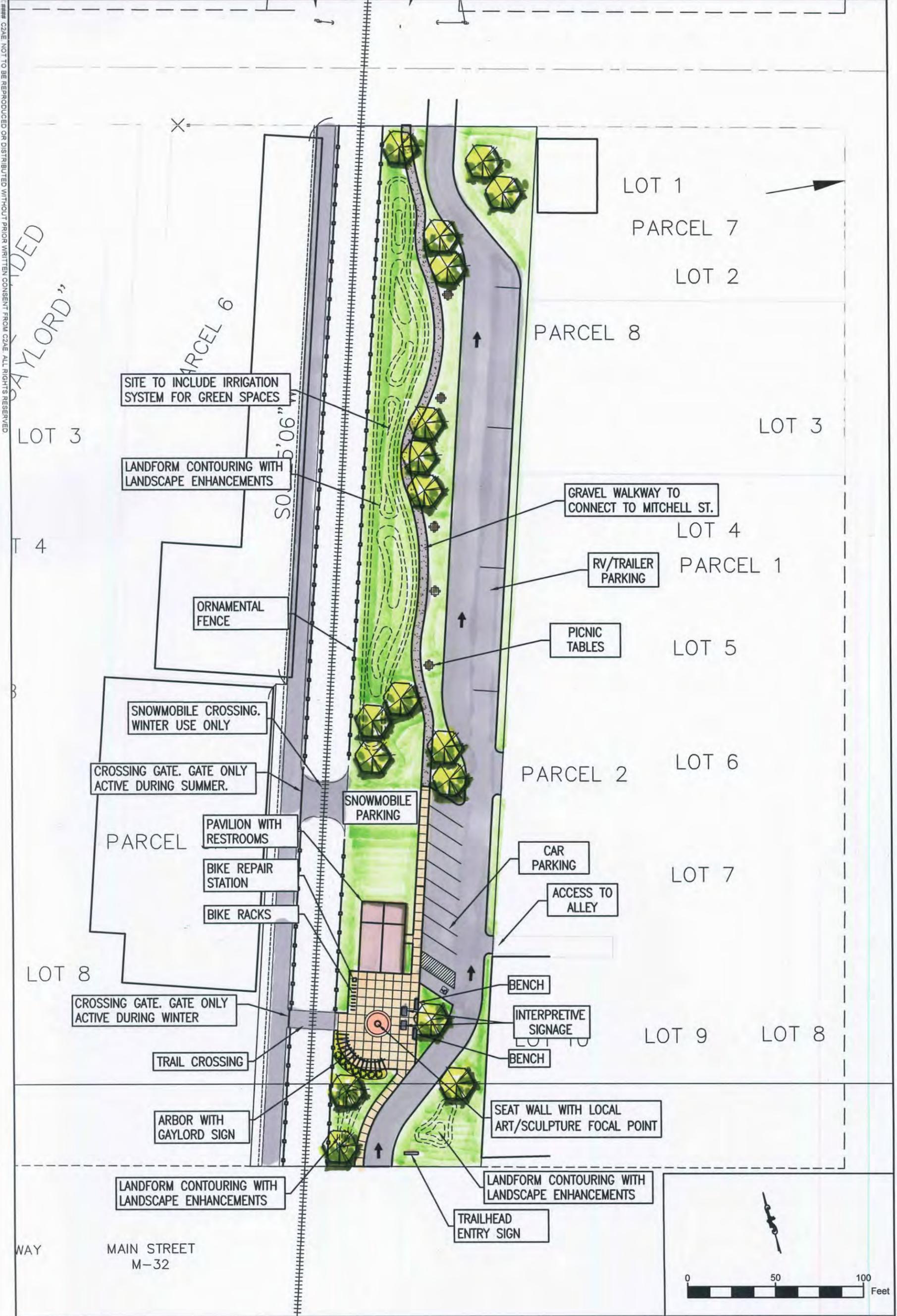
Otsego County Planning & Zoning

Drawn By: C. Churches
 Checked by:
 Date: 03/29/2019

IRON BELLE TRAIL GAYLORD GATEWAY TRAILHEAD



- Agency: Otsego County
- Project Type: New Construction
- Year(s) of Project: 2020
- Project Description:
 - The Iron Belle Trailhead will be built on the east side of the railroad tracks between Main and Mitchell streets. The project is part of the Iron Belle Trail expansion and will include a pavilion with outdoor seating and restrooms, an area for parking, landscaping, and bike racks. The preliminary design incorporates key design elements from both the City Streetscape Project and the County Lawn Project. The entrance to the trailhead would be on Main and exit on Mitchell. The project is estimated to start in Spring 2020, with a completion date of Fall 2020.
- Schedule: Spring 2020
- Estimated Cost: \$1,110,000
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - Michigan Dept. of Natural Resources Trust Fund Grant (27% share): \$300,000
 - Michigan Dept. of Natural Resources Trails Program (41% share): \$450,000
 - Michigan Economic Development Corporation (27% share): \$300,000
 - Local Funds (5% share): \$ 60,000
- Agency Reported Priority: Urgent
- Planning Commission Reported Priority: **Urgent**



C2AE NOT TO BE REPRODUCED OR DISTRIBUTED WITHOUT PRIOR WRITTEN CONSENT FROM C2AE. ALL RIGHTS RESERVED.

"GAYLORD"

OTSEGO LAKE OUTLET STRUCTURE REPLACEMENT

- Agency: Otsego County
- Project Type: New Construction
- Year(s) of Project: 2020
- Project Description:
 - This project involves the replacement of Otsego Lake's outlet control structure located on the east side of Otsego Lake. The structure is responsible for controlling the lake level and preventing excess lake level rise during the spring. The current structure was installed in the late 1970s and has extensive damage due to ice and old age.
- Schedule: TBD
- Estimated Cost: \$200,000
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - Michigan Dept. of Agriculture and Rural Development Grant: TBD
 - Local Funds: TBD
- Agency Reported Priority: Urgent
- Planning Commission Reported Priority: **Urgent**



GAYLORD REGIONAL AIRPORT BOX HANGAR

- Agency: Otsego County
- Project Type: New Construction
- Year(s) of Project: 2020
- Project Description:
 - The project consists of construction of a new 60' x 80' box hangar large enough to allow for storage of a Caravan, King Air, or Citation II plane.
- Schedule: 2020
- Estimated Cost: \$670,000.00
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - FAA Non-Primary Entitlement Grants (91% share): \$ 609,700
 - State Funds (4.5%): \$ 30,150.00
 - Local Funds (4.5%): \$ 30,150.00
- Agency Reported Priority: Important
- Planning Commission Reported Priority: **Important**



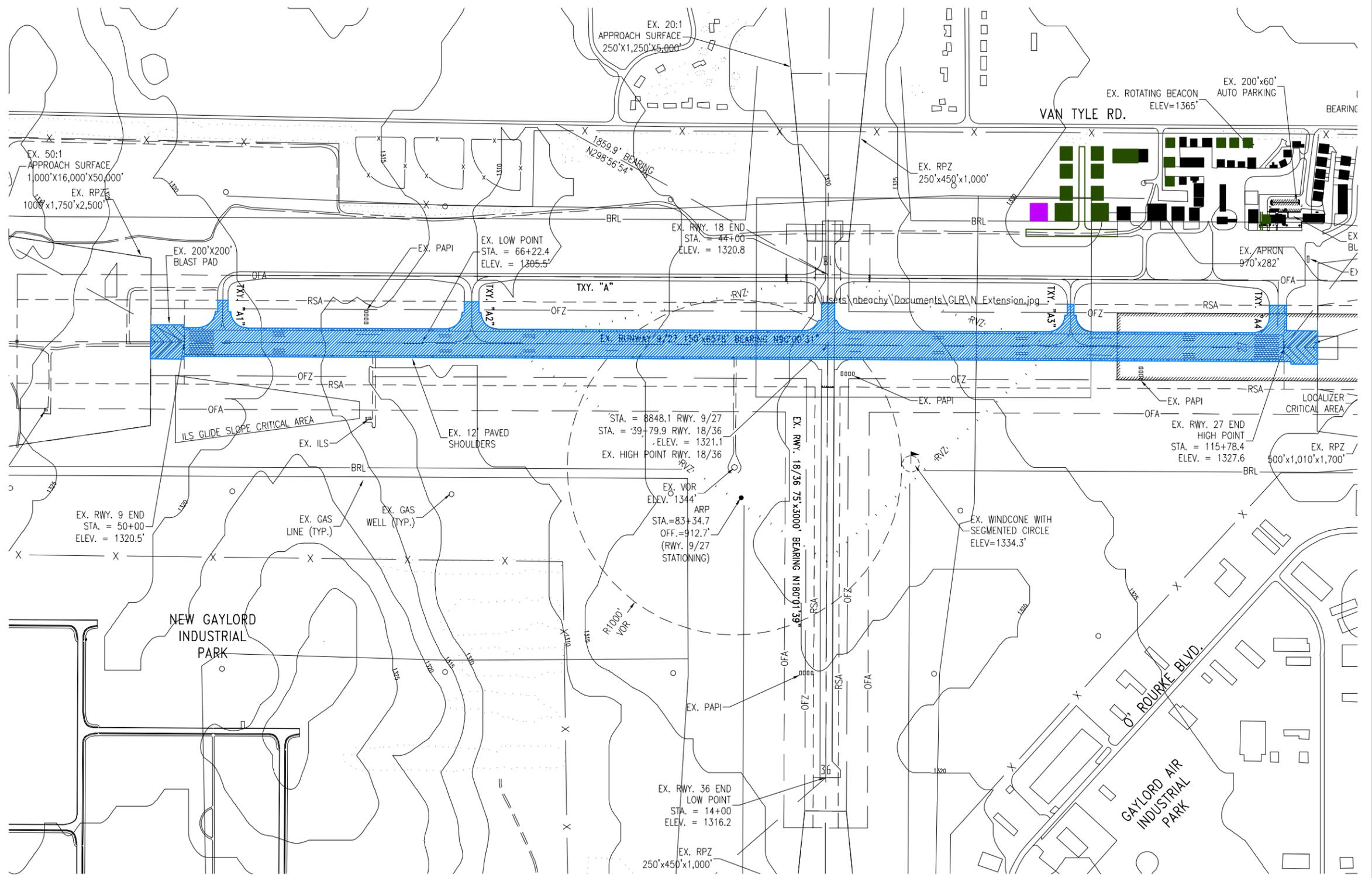
GAYLORD REGIONAL AIRPORT

REHABILITATE RUNWAY 9-27



- Agency: Otsego County
- Project Type: New Construction
- Year(s) of Project: 2023
- Project Description:
 - This project is to rehabilitate the bituminous pavement of Runway 9-27. The existing runway is 6,579' x 150'. The existing pavement was last rehabilitated in 2002 and will be 21 years old at the time of this project. According to the PCI data taken in 2015, the existing pavement was listed at 73. The reports indicate low to medium severity longitudinal/transverse cracking and low severity weathering, but no significant structural concerns. The PCI for Runway 9-27 is forecasted to be at 59 in 2023. The rehabilitation will consist of a 4-inch mill and fill with full depth crack repair. Also included in this project will be the rehabilitation of the shoulders, blast pads, and existing taxiway connectors from Runway 9-27 to the hold lines. A full airfield remarking is included.
- Schedule: TBD
- Estimated Cost: \$5,650,000.00
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - FAA Non-Primary Entitlement Grants (3.17% share): \$ 179,105
 - FAA Federal Apportionment (86.83% share): \$ 4,905,895
 - State Funds (5.0% share): \$ 282,500
 - Local Funds (5.0% share): \$ 282,500
- Agency Reported Priority: Important
- Planning Commission Reported Priority: **Important**

- 2019/20-BOX HANGAR
- 2022/23-RUNWAY 9-27 REHAB



Gaylord Regional Airport
Gaylord, MI

ACIP
2019-2023

PREPARED BY:
Prein & Newhof
Engineers • Surveyors • Environmental • Laboratory
1220 AIRPORT ACCESS RD.
TRAVERSE CITY, MI, 49649 (231) 946-2394

OCRC MARLETTE ROAD FROM SHERMAN ROAD TO FANTASY DRIVE PROJECT

- Agency: Otsego County Road Commission
- Project Type: Major Renovation
- Year(s) of Project: 2020
- Project Description:
 - The Otsego County Road Commission plans to reconstruct Marlette Road from Sherman Road to Fantasy Drive. This will be a crush and shape project with new HMA surface and lane widening as well as vertical grade improvements.
- Schedule: TBD
- Estimated Cost: \$704,555.00
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - Federal Funds (53% share): \$ 376,176
 - Local Funds (47% share): \$ 328,379
- Agency Reported Priority: Important
- Planning Commission Reported Priority: **Important**



Marlette Rd from Sherman Rd to Fantasy Dr Project

Otsego County Road Commission

Legend

-  Project Start/End
-  Project Limits



OCRC KRYS ROAD RESURFACING PROJECT

- Agency: Otsego County Road Commission
- Project Type: Major Renovation
- Year(s) of Project: 2021
- Project Description:
 - Work will include resurfacing Krys Road from Johnson Road to Charles Brink Road, approximately 2.5 miles. Improvements will include new HMA surface, lane widening, paved shoulders, and recessed pavement markings.
- Schedule: TBD
- Estimated Cost: \$450,000.00
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - Federal Funds (80% share): \$ 360,000
 - Local Funds (20% share): \$ 90,000
- Agency Reported Priority: Important
- Planning Commission Reported Priority: **Important**

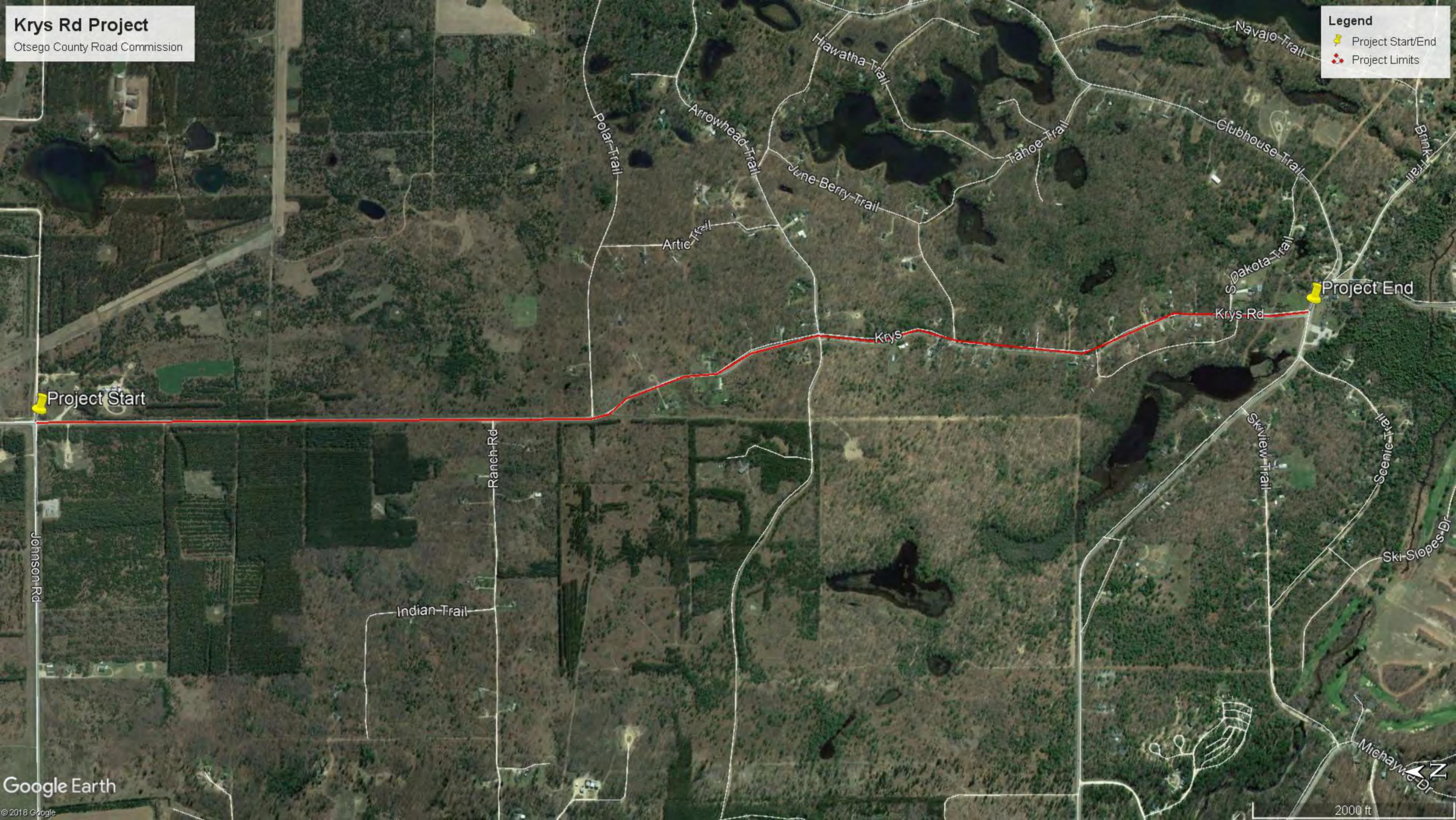


Krys Rd Project

Otsego County Road Commission

Legend

-  Project Start/End
-  Project Limits



Project Start

Project End

Johnson Rd

Ranch Rd

Indian Trail

Polar Trail

Arrowhead Trail

June-Berry Trail

Arctic Trail

Hiawatha Trail

Tahoe Trail

Glubhouse Trail

S Dakota Trail

Krys Rd

Krys

Skinew Trail

Scenic Trail

Ski Slopes Dr

Michayke-Dr

OCRC MARLETTE ROAD FROM OLD 27 TO SHERMAN ROAD PROJECT

- Agency: Otsego County Road Commission
- Project Type: Major Renovation
- Year(s) of Project: 2022
- Project Description:
 - Work will include crush and shape with new HMA surface from Old 27 South to Sherman Road. Improvements will include lane widening and paved shoulders.
- Schedule: TBD
- Estimated Cost: \$756,000.00
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - Federal Funds (50% share): \$ 376,176
 - Local Funds (50% share): \$ 379,824
- Agency Reported Priority: Important
- Planning Commission Reported Priority: **Important**

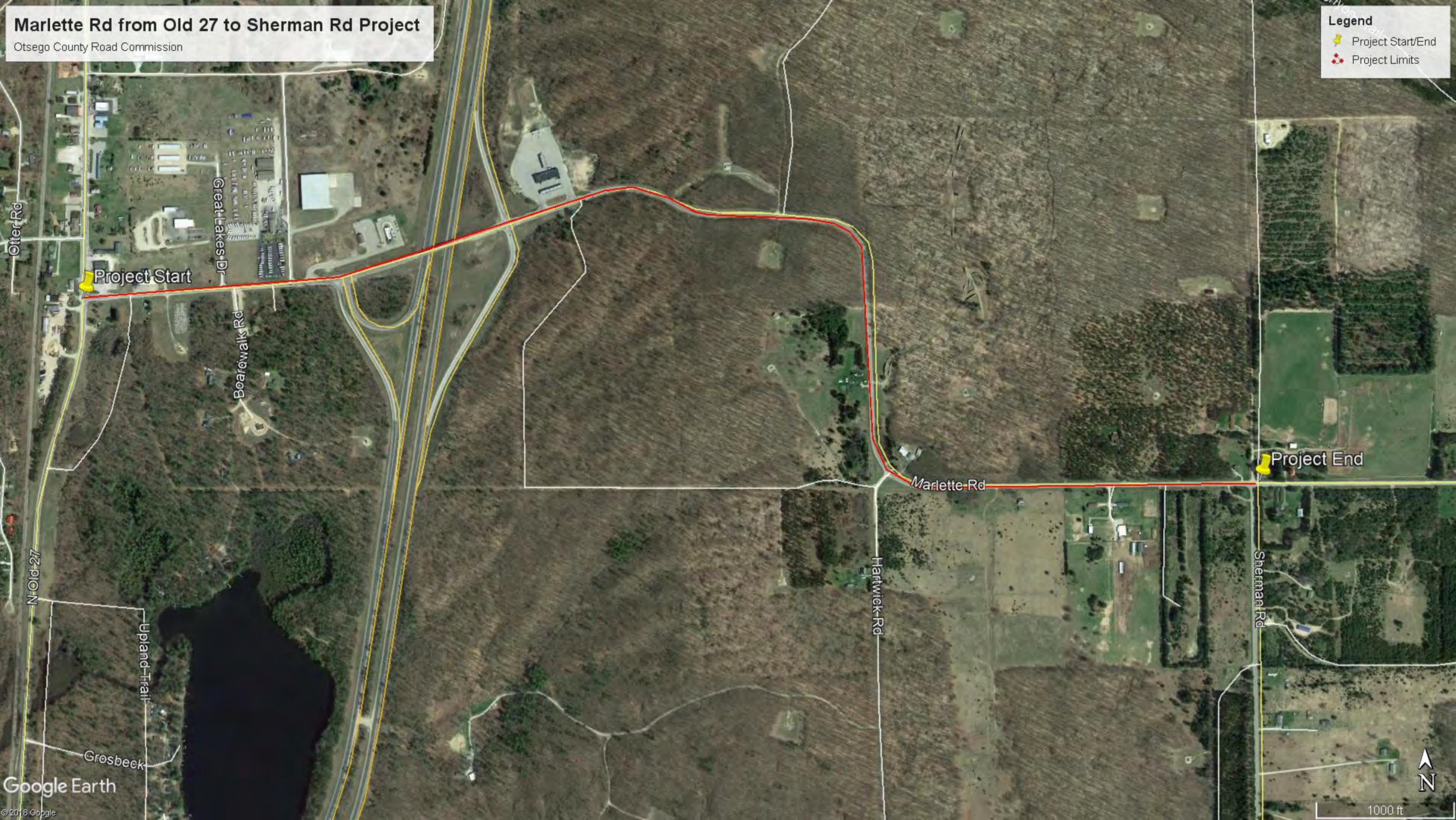


Marlette Rd from Old 27 to Sherman Rd Project

Otsego County Road Commission

Legend

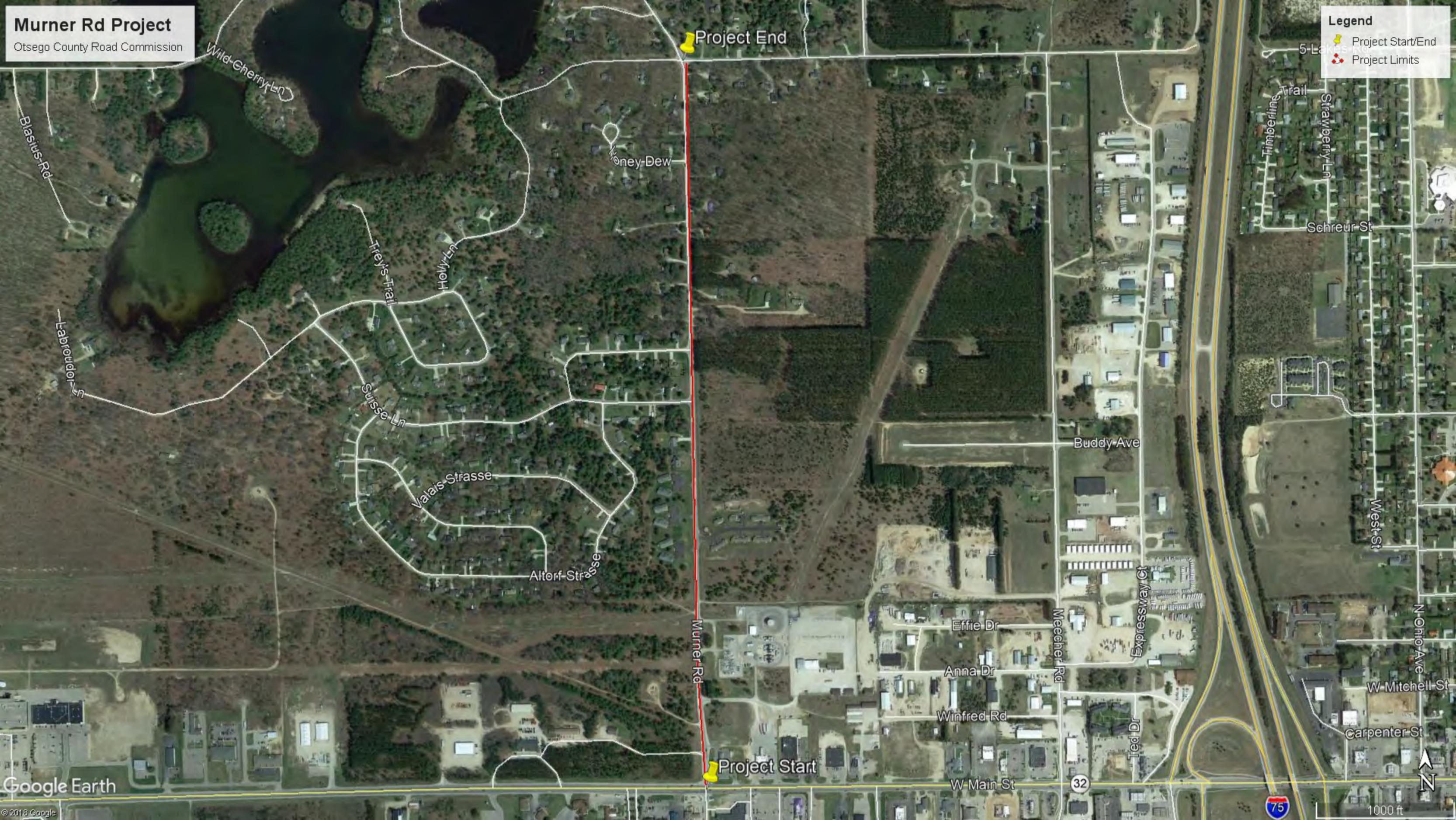
- Project Start/End
- Project Limits



OCRC MURNER ROAD PROJECT

- Agency: Otsego County Road Commission
- Project Type: Major Renovation
- Year(s) of Project: 2022
- Project Description:
 - This will be a crush and shape project on Murner Road from M-32 West to Five Lakes Road. The improvements will include strengthening the aggregate base, paving shoulders, and resurfacing with HMA.
- Schedule: TBD
- Estimated Cost: \$595,000.00
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - Federal Funds (63% share): \$ 375,000
 - Local Funds (37% share): \$ 220,000
- Agency Reported Priority: Important
- Planning Commission Reported Priority: **Important**





OCRC WILKINSON ROAD PROJECT

- Agency: Otsego County Road Commission
- Project Type: Major Renovation
- Year(s) of Project: 2024
- Project Description:
 - This will be primarily a crush and shape project from M-32 East to Marquardt Road. The existing pavement will be crushed and paved with two courses of HMA. At some locations, the top layer of existing pavement may be milled and resurfaced with a single course of HMA. Additional improvements may include paved shoulders, guardrail upgrades, and curb and gutter at intersections.
- Schedule: Spring 2024
- Estimated Cost: \$1,515,000.00
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - Federal Funds (25% share): \$ 376,176
 - Local Funds (75% share): \$ 1,138,824
- Agency Reported Priority: Important
- Planning Commission Reported Priority: **Important**

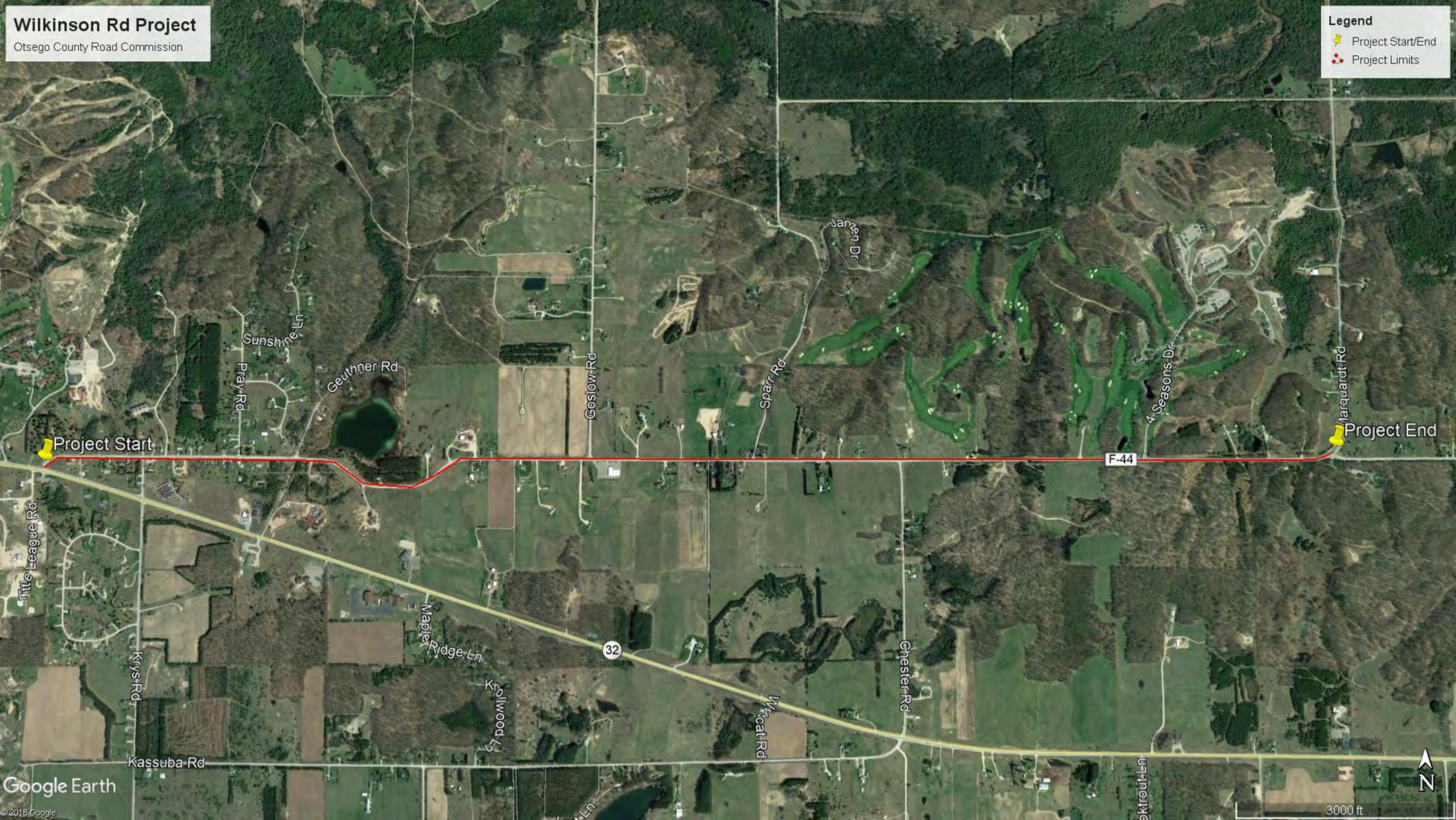


Wilkinson Rd Project

Otsego County Road Commission

Legend

-  Project Start/End
-  Project Limits

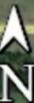


Project Start

Project End

F-44

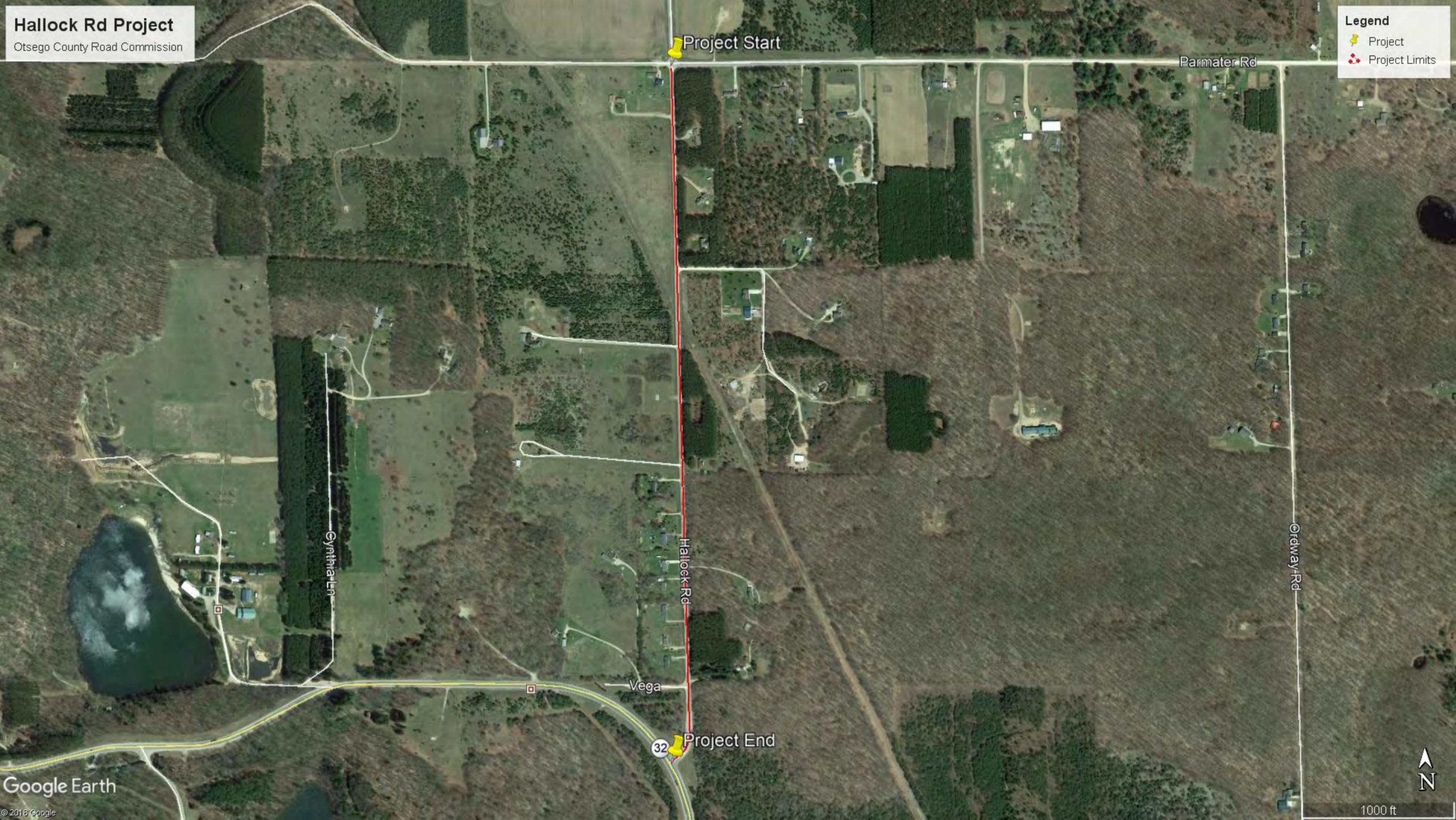
32



OCRC HALLOCK ROAD PROJECT

- Agency: Otsego County Road Commission
- Project Type: Major Renovation
- Year(s) of Project: 2025
- Project Description:
 - This project will be a crush and shape project on Hallock Road from M-32 to Theisen Road. The project will include strengthening the aggregate base, drainage improvements, and new HMA surface.
- Schedule: Spring 2025
- Estimated Cost: \$825,000.00
- Basis of Cost Estimate: Engineer Estimate
- Alternative Financing:
 - Federal Funds (46% share): \$ 376,176
 - Local Funds (54% share): \$ 448,825
- Agency Reported Priority: Important
- Planning Commission Reported Priority: **Important**





Project Start

Parmater Rd

Gynthia Ln

Hallock Rd

Vega

32 Project End

Oreway Rd



Otsego County Six Year Capital Improvement Plan - Appendix A

Project Name	Agency	Project Type	Funding Source(s)	Estimated Cost	P.C. Priority	2020	2021	2022	2023	2024	2025
Otsego County Public Safety Complex	Otsego County	New Construction	TBD	TBD	Urgent	TBD	TBD				
Iron Belle Trail Downtown Gaylord Trailhead	Otsego County	New Construction	State 96%; Local 4% (Capital Improvement Fund)	\$1,110,000	Urgent	\$ 1,110,000					
Otsego Lake Outlet Structure Replacement	Otsego County	New Construction	TBD	\$200,000	Urgent	\$ 200,000					
Gaylord Regional Airport Box Hangar	Otsego County	New Construction	Federal 91%; State 4.5%; Local 4.5% (Airport Capital Projects Fund)	\$670,000	Important	\$ 670,000					
Gaylord Regional Airport Rehabilitate Runway 9-27	Otsego County	New Construction	Federal 90%; State 5.0%; Local 5.0% (Airport Capital Projects Fund)	\$5,650,000	Important				\$5,650,000		
Marlette Road From Sherman Road To Fantasy Drive Project	OC Road Commission	Major Renovation	Federal 53%; Local 47%	\$704,555	Important	\$ 704,555					
Krys Road Resurfacing Project	OC Road Commission	Major Renovation	Federal 80%; Local 20%	\$450,000	Important		\$ 450,000				
Marlette Road From Old 27 To Sherman Road Project	OC Road Commission	Major Renovation	Federal 50%; Local 50%	\$756,000	Important			\$ 756,000			
Murner Road Project	OC Road Commission	Major Renovation	Federal 63%; Local 37%	\$595,000	Important			\$ 595,000			
Wilkinson Road Project	OC Road Commission	Major Renovation	Federal 80%; Local 20%	\$1,515,000	Important					\$ 1,515,000	
Hallock Road Project	OC Road Commission	Major Renovation	Federal 46%; Local 54%	\$825,000	Important						\$ 825,000
Total Costs: \$11,165,555						\$ 1,374,555	\$ 450,000	\$ 1,351,000	\$ 5,650,000	\$ 1,515,000	\$ 825,000