

Mizner Drain

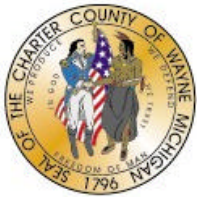
**Wayne County
Department of Public
Services**

**Butler Benton
Wayne County
Drain Commissioner**

**Kerreen Conley
Wayne County
Deputy Drain
Commissioner**

Project Engineer:
Spicer Group, Inc.

Project Contractors:
Davenport Construction



Wayne County Department of
Public Services
Drain Field Office
3501 Henry Ruff
Westland, MI 48186
734-326-4500

Project Location:
City of Taylor
City of Romulus

Cost of Project:
Project Cost
\$2,072,000

Actual Cost
On Budget



Project Status:

1. Board of Determination: Completed
2. Design: Completed
3. Bid Letting and Day of Review: Completed
4. Construction - In progress estimated completion Summer 2009

Project Description:

The Mizner Drain is an established county drain under the jurisdiction of the Wayne County Drain Commissioner. The Mizner drain was established in 1865 in the cities of Romulus and Taylor and travels thru sections 25,26 and 36 in the city of Romulus and section 31 in the City of Taylor. The drain is primarily an open channel approximately 5.5 miles long. The Mizner Drain crosses major roads such as Middlebelt and Eureka roads in the City of Romulus, then crosses Inkster road and enters the City of Taylor. Ultimately the Mizner drain outlets into the Blakely drain in section 31 in the City of Taylor.

A Board of Determination meeting was convened in December 2006, at which time the Board heard testimony from property owners in the Drainage District. The testimony included problems with excessive vegetation, standing water and stagnant water and mosquito problems. Based on the testimony at the meeting the Board determined the need to move forward with a drainage improvement project.

Wayne County hired Spicer Group Inc. to design and provide construction administration services for the Mizner Drainage Improvement Project. The design includes brushing and clearing of the drain, excavation of the open channel, replacement of many crossings and restoration of disturbed areas.

The project was designed and was put out to bid in the spring of 2008.

Prior to bidding the work, Wayne County and Spicer Group presented the proposed project to the property owners in the Mizner Drainage District at a public meeting at the Taylor Municipal Building on March 25, 2008 . The proposed construction plans, cost estimates and construction schedule were reviewed and discussed. Based on feedback provided at the public meeting, plans were finalized for bidding and letting.

The Mizner Drain Project was competitively Bid in the Spring of 2008 and Davenport Brothers Construction was awarded the contract as the low bidder. In May of 2008 a Day of Review was held at the Wayne County Department of Public Services Field Office to review the apportionment of benefits and the lands comprised within the Mizner Drain Drainage District.

Improvements to the Mizner Drain included over 12,000 linear feet of open channel excavation and approximately 700 feet of enclosed drain. The improvements included; clearing of brush and trees from the drain bottom and side slopes, excavating the drain to a 4-foot ditch bottom with 2 on 1 side slopes and replacement of failing and/or undersized crossings. In addition, long term erosion and sediment control measures were implemented including: riprap and grass spillways, riprap toe of slope protection, cobblestone splash pads on drain inlets, surface outlet tubes and daily seeding. After completion of the channel construction all disturbed areas were cleaned and lawn areas restored.

The following pages provide before and after pictures along the drain. Construction on the drain was started in July 2008 and will be completed in October 2009. Wayne County and Spicer Group oversaw construction of the drains and coordinated with property owners, utility companies, and local governments to minimize disruptions and inconvenience during construction and to ensure proper restoration upon completion.

Brushing Clearing, Channel and Bank Restoration



Before



After

Culvert Replacement and Drain Bank Stabilization



Before



After

Drain Cleaning at Wayne County Airport



Before



After

Middlebelt Road Work and Culvert Replacement

