

HIGHLIGHTS

2nd STREET SW TRANSIT AND STREET RECONSTRUCTION - ROCHESTER, MINNESOTA



2nd Street, Rochester, MN

The 2nd Street SW corridor through the heart of downtown Rochester is the city's busiest multi-modal corridor. The world-renowned Mayo Clinic is a major traffic generator along the corridor, with high volumes of bus riders using the Rochester City Lines transit hub. The outdated corridor was lacking in pedestrian amenities and visual appeal. In 2008, the City of Rochester received federal funding for reconstruction of both the bus shelters and the street, and began the planning and design process.

From a technical perspective, this project was much more challenging than most urban reconstruction projects. From the design

team's view, the most difficult issue was designing the corridor to be more functional for the large number of buses, vehicles and pedestrians while implementing the new design with a minimal amount of disturbance during construction. Specific design issues that needed to be addressed included limited shelter capacity, lack of signal interconnection, deficient pavement condition, pedestrian and utility tunnels located close to the finished surface, narrow sidewalks, presence of historic buildings, and a cluttered streetscape lacking green space.

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2nd Street Transit Shelter

YAGGY COLBY ASSOCIATES *Celebrating 40 Years*

Yaggy Colby Associates is celebrating its 40th anniversary this year. The firm was founded in 1970 by Ron Yaggy in Rochester, Minnesota, as Yaggy Associates, Inc., a civil engineering consulting firm.

Over the years the firm has grown with the addition of Land Development and Surveying in 1977, Community Planning in 1979, and

Economic Development in 1984. In late 1987 Yaggy Associates, Inc. merged with a Rochester architectural firm owned by Christopher Colby. The company name changed to Yaggy Colby Associates. Transportation Engineering was added in 1991 and Geotechnical Engineering and Environmental Engineering in 1994.

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YAGGY
COLBY

ASSOCIATES

ENGINEERS

LANDSCAPE
ARCHITECTS

SURVEYORS

PLANNERS

DECEMBER 2010

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WHITEFISH BAY, WI - CONSTRUCTION SERVICES

Whitefish Bay's 2010 Fairmount Avenue project was a major reconstruction effort involving the replacement of 6,000 lineal feet of urban roadway with a concrete paving surface, as well as all utilities, sidewalk, and driveway approaches.



Fairmount Avenue, Whitefish Bay, WI

Fairmount Avenue runs through established neighborhoods and is lined by mature trees; therefore, great care was taken to protect both the trees and residents' properties. Construction

efforts also had to be phased to maintain access to residences and the local high school. In addition, the existing utilities were several decades old and there was very little clearance between the storm sewer and sanitary sewer piping in a number of places.

Contract and construction services were especially complex. The project was designed and publicly bid as three separate contracts, with Yaggy Colby Associates providing services for all three contracts. At times the firm was observing six different crews that were spread throughout the project area working different schedules.

Yaggy Colby Associates' multi-disciplinary design and construction services resulted in successful execution of a very difficult project for the Village of Whitefish Bay.

CEDAR RIVER COMPLEX - OSAGE, IA

In 2006, a unique partnership was formed with the vision of creating the Cedar River Complex in Osage, Iowa. This partnership includes the Mitchell County Agricultural Society, Mitchell County Historical Society, City of Osage, Osage Municipal Utilities, Osage Community Schools and the Educational Foundation.

The complex includes a regional event center, recreation center with indoor aquatic facilities, state-of-the-art auditorium, historical museum, improved and enlarged weight room at the new high school, a new bus barn for the school district, and new parking areas. Project fundraising began with a Challenge Grant of \$5 million issued by Robert and Patricia Kern. Robert is a 1943 Osage High School graduate.

In just over two years the fundraising goal was met and exceeded with help

from private donors and partner organizations, as well as a \$1.7 million Vision Iowa Grant. To date, over \$17 million has been raised for the project.



Project design began in 2007 with the initial construction of the event center, and culminated with completion of all improvements in April 2009. The grand opening was held in April 2010. Yaggy Colby Associates is proud to have provided survey and civil design services for this regional asset.

NEW PROJECTS

MINNESOTA

*2010 Pavement Reconstruction
Water Reclamation Plant
Rochester, Minnesota*



*2011 Street Improvements
Wabasha, Minnesota*



*2nd Street SW Phase II Reconstruction
Rochester, Minnesota*



*Willow Creek Stabilization Pond
Rochester, Minnesota*



*Winona County Flood Projects
Winona, Minnesota*



*TH 10 Microsurfacing Construction
Observation
Sherburne County, Minnesota*

IOWA

*Facility Plan for Wastewater Collection
and Treatment Center
Colwell, Iowa*



*Winnebago Sanitary Sewer Extension
Lake Mills, Iowa*

*Grant Street 2010 Storm Sewer
Improvements
Manly, Iowa*



*2010 Roadway Improvements
Franklin County, Iowa*



*Hwy 105 / Main Street Resurfacing Project
Lake Mills, Iowa*



*Lake Panora Association -
Water System Improvements
Panora, Iowa*

WISCONSIN

*Milwaukee Public Schools -
Maryland Montessori School
Milwaukee, WI*



*Oconomowoc Area School District -
High School Athletic Fields
Oconomowoc, WI*



*WDNR SE Region Boat Launches
State of Wisconsin*



*Meadows of Prairie Creek
Oconomowoc, WI*

WisDOT PROJECT INSPECTIONS



Wisconsin Avenue, Waukesha, WI

Yaggy Colby Associates provided construction services for two WisDOT Southeast Region projects this past year. Both projects were part of the ARRA local program, commonly referred to as “stimulus funding”.

The Lake County Trail project in Waukesha County involved the reconstruction of seven miles of a multi-use path between Oconomowoc and Pewaukee. Yaggy Colby Associates provided coordination between the design firm, the county, and the WisDOT Soils Unit. A number

of design challenges were encountered in the field, including very poor sub-grade soils, drainage issues, steep side slopes, alignment problems, and obstruction conflicts.

The Wisconsin Avenue project, running through the City of Waukesha’s downtown, involved a heavily urbanized roadway. This WisDOT project consisted of HMA pavement, concrete base, curb and gutter, storm sewer work, and street lighting. In addition, the project also contains sensitive archaeological areas, which required coordination with the Wisconsin Historical Society.

Yaggy Colby Associates provided construction inspection, construction administration, coordination of materials testing and oversight of support staff. The firm is very pleased to have contributed to the success of both of these challenging projects.

40th ANNIVERSARY

(continued from page 1)

The company has grown to include the corporate office, which is located in Rochester, MN and three regional offices located in Burnsville, MN; Mason City, IA; and Delafield, WI (Milwaukee area).

In May 2010, Yaggy Colby Associates announced the creation of CRW architecture+design group, a spin-off of its architecture and interior design department. CRW and Yaggy Colby continue to partner on projects and with clients.

Yaggy Colby Associates, with approximately 100 employees, continues to offer multi-disciplinary services in engineering, planning, landscape architecture and surveying to public and private clients throughout the upper Midwest.



*Celebrating 40 Years
of Excellence
1970 - 2010*

ROCHESTER USES “ONE OFFICE” SOFTWARE FOR INSPECTIONS

During the 2010 construction season, Yaggy Colby Associates began using a computer software program called “One Office” to increase the efficiency of providing project observation and contract administration to our clients.

Construction observation involves keeping a daily journal of activity, including items such as weather, temperature, contractor and subcontractors on the site, work activity being performed, and issues or problems encountered, etc.

Once a bid has been accepted by a client, the bid items for the project and their price, whether lump sum or per unit, are entered into the One Office program. The resident project representative has the information and the One Office program on a laptop

at the job site, and can enter daily journal recordings directly into the computer. This process is more efficient and accurate than writing it in a logbook and transferring the information later.

The resident project representative can also use the program to log and track the quantity of bid items, which is useful for processing contractor pay requests based on the quantities of items used and work completed. Again, this process eliminates the manual transfer of data into a pay request. The pay request can be emailed directly to the client which also increases efficiency.

The electronic data from the laptop is “synced” to the computer server in the office, which creates a backup of the data collected. This also gives project engineers in the office access

to current field data, which they can use to track project progress, proactively make adjustments, and answer any questions that may arise.

Yaggy Colby Associates has utilized One Office on several projects this year, including:

- 7th Street in Lake City, MN
- Oak Street in Lake City, MN
- 2010 CIP Projects in Stewartville, MN



Street Project, Stewartville, MN

2nd STREET SW *(continued from page 1)*

Yaggy Colby Associates' project team worked closely with city staff and the Mayo Clinic to design a visually appealing corridor that provides comfort, safety and convenience to the wide variety of users. The corridor remained open to all users while the project was constructed in 2010, and the result is a functional

and aesthetically pleasing corridor that includes new bus shelters, pavement, sidewalks, streetscape amenities, lighting, and signals. This updated corridor provides a more pedestrian friendly link to the nearby Annenberg Plaza and Peace Plaza in downtown Rochester.

YAGGY COLBY ASSOCIATES RELOCATES MINNEAPOLIS / ST. PAUL, MINNESOTA OFFICE

On October 1, 2010, Yaggy Colby Associates moved its Minneapolis/St. Paul, Minnesota office from Eagan to 201 West Travelers Trail in Burnsville, which is near Burnsville's "Heart of the City". Dave Holman of Millersburg Properties, LLC, the building's owner, stated the building has been home to engineering and surveying firms for over 20 years and is very pleased to see that tradition continue. The building will now be known as the "Yaggy Colby Building". Joel West,

Yaggy Colby Associates' Department Head of Planning and Landscape Architecture and Burnsville Office Manager, states that he is very familiar with the established building and is excited about the firm's new tenancy near the "Heart of the City".

WELCOME ABOARD...

Rochester Office
Lalith Galagedera, PE

HIGHLIGHTS DECEMBER 2010

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Join us on the web located at: www.yaggy.com
The site includes an overview of the firm and its services. Current projects, site photographs, and employment opportunities are also presented.



**YAGGY
COLBY**

ASSOCIATES

*Celebrating 40 Years
of Excellence*

1970 - 2010

ENGINEERS

LANDSCAPE ARCHITECTS

SURVEYORS • PLANNERS

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