

City of Sartell

2015 Annual Engineering Report



Engineering Services Review

Presented to:

City of Sartell
125 Pinecone Road
Sartell, MN 56377

By:

WSB & Associates, Inc.
4140 Thielman Lane
Suite 204
St. Cloud, MN 56301
Phone: 320.252.4900
Fax: 320.252.3100
www.wsbeng.com



Contacts:

Mike Nielson, PE
City Engineer
Phone: 320.534.5940
E-mail: mike@sartellmn.com

Jeff Row, PE
Engineering Assistant
Phone: 320-534-5955
E-mail: jrow@wsbeng.com

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SARTELL CORE TEAM

Mike Nielson, PE
City Engineer
534.5940
320.293.2989 (mobile)
mike@sartellmn.com

Jeff Row, PE
Assistant City Engineer
320.534.5955
jrow@wsbeng.com

Chuck Rickart, PE, PTOE
Transportation & Traffic Engineer
612.287.7183/612.360.1283(mobile)
CRickart@wsbeng.com

Gina Dullinger
Design Services
320.534.5955
gdullinger@wsbeng.com

Shawn Williams
Wetland Services
763.287.8531
swilliamns@wsbeng.com

CONSTRUCTION

Jack Vogt
Survey Representative
612.366.4120
JVogt@wsbeng.com

Jack Nelson
Field Representative
320.534.5941
jnelson@wsbeng.com

Shannon Gwost
Field Representative
320.241.9330
sgwost@wsbeng.com

ADMINISTRATION ASSISTANCE

Amy Rein
Administration
320.252.4900
arein@wsbeng.com

Summary of Services

- Purpose

The WSB Engineering Model provides a team of individuals chosen based on their background, skill set, and relationships with the community and other governmental agencies to effectively plan for future growth and provide guidance on infrastructure management development review through leadership, experience, and expertise.



- WSB's Responsibilities

We provide comprehensive engineering services to the City of Sartell. We work together with City Staff to accomplish:

- > Infrastructure management
- > State Aid projects
- > Facility improvements
- > Long-range planning
- > Development Review
- > Rehabilitation projects
- > Transportation projects
- > Environmental clean-up/compliance
- > Grant Funding Reviews
- > Ordinance & Development Guideline Reviews

- Improvement Projects

Together with City Staff, WSB is involved in every aspect of the infrastructure projects in Sartell. Design focuses on life cycle costs which not only include construction costs, but also include longevity and ongoing maintenance costs. Our focus is on sustainability through design, material selection and construction management.



The following is a list of the projects that were initiated or bid in 2015.

City Initiated Ordinance Changes and Projects

- **Development Standards** for new plats – The final ordinance revisions were adopted by the City Council in 2014. Avalon 8 and the Providence addition were the first developments required to use the new standards for groundwater and surface water separation. The new standards were applied on these challenging parcels providing lots that will provide quality building lots with significantly reduced flooding potential.
- **2015 Seal Coat Project** – Council approved the completion of annual Chip Seal project which completed 92,000 SY of chip sealing on collector and residential streets. Approximately 3.9 miles of roadway were completed with the 2015 project. The 2015 projects included placing a fog seal over the chip seal as an experiment to reduce complaint from flying chips and to reduce the amount of sweeping required in the following year. The results were favorable and fog sealing will become the norm on collector streets in the future.
- **Pinecone Road Phase 1** – This project included the construction of a roundabout at Pinecone Road and 2nd Street S and the resurfacing of the roadway from 2nd Street S. to 700' south of 7th Street N. In addition to the roadway improvements the project included resurfacing of the bituminous trail and completing ADA compliant pedestrian ramps throughout the length of the project. The improvements were completed by JR Ferche Companies.
- **Pinecone Road Phase 2** – This project included the construction of roundabouts on Pinecone Road at Scout Drive and Heritage Drive. The improvements were completed by JR Ferche Companies.
- **50th Avenue S Preliminary Design and Right-of-Way Acquisition** – The preliminary design has been completed and the right-of-way needs determined. The appraisals have been completed and offers made for parcels north of Heritage Drive. The final design has been started for the segment of roadway from Heritage Drive to 4th Street S. The construction is scheduled to begin in the spring of 2017. ROW acquisition will continue for the parcels south of Heritage Drive in 2016.
- **Safe Routes to School** : - Bids were received and rejected in 2015. The project was re-bid in February of 2016 and construction is scheduled to begin in May of 2016. This project involves the construction of a 7-foot wide sidewalk on the south side of 2nd Street S from Pinecone Road to 4th Avenue S. This project is funded with 80% federal funds through the HSIP Grant Program and 20% local funds.

Developer Initiated Improvement Projects

Avalon 8- 6th Street North & Knights Court

The municipal improvements were complete for the extension of 6th Street North and Knights Court. The final lift of bituminous was placed in 2015 to complete the required improvements of Avalon Village 8. These improvements provided services for seventeen additional single family homes.

8th Street S & 19th Avenue S Improvements

Jason Ferche requested improvements to 8th Street S and 19th Avenue S to accommodate the development of the St. Bens/Centra Care facility located south of Scout Drive. These improvements included roadway, storm sewer, and sanitary sewer and watermain improvements. These improvements were constructed in 2015 and the sidewalk and final lift of bituminous will be completed in 2016.

5th Street S Improvements

Marty Reker requested improvements to 5th Street S from Victory Avenue S to approximately 500' east to allow the proposed development in the Grandview 3 addition. The improvements included the extension of sanitary sewer and watermain and the construction of street, storm sewer and sidewalk. The project was substantially completed in 2015 with the final lift of bituminous being completed in 2016

Providence Trail

Improvements for Phase 1 of the Providence Plat were started in the fall of 2015. Due to a wet fall the improvement progress was suspended for the year. The sanitary sewer and water mains were installed and some grading work was completed. The work will resume in the spring of 2016 with an anticipated completion in June. This improvement project will extend 13th Avenue N from Central Park Boulevard to the north where the roadway will turn into Providence Trail. The improvements will allow the construction of 15 single family lots.

Solar Garden

WSB has been working the Solarstone to complete a feasibility study for locating a solar garden in the old sewage lagoons. Soil borings will be completed in the spring of 2016 to further identify the sites suitability for construction.

Other Project Involvement

Developer Inquiries - Requests for information regarding potential single family, multi-family or commercial development sites including the availability of sanitary sewer, water and storm are processed as received. There were over 20 requests for information regarding potential development.

Preliminary Plat Review – Preliminary Plat applications were reviewed for conformance to city standards including roadway, sanitary sewer, water, and stormwater requirements. There were a total of 2 preliminary plat applications reviewed and approved in 2015 including the following;

- Arbor Trails
- Providence

Final Plat Review – Final Plat applications were reviewed for conformance to city standards including roadway, sanitary sewer, water, and stormwater requirements. There were a total of 5 final plat applications reviewed and approved in 2015 including the following;

- Avalon Village 9 -18 lots
- Savannah Oaks 2nd – 2 lots
- Grandview Crossing – 2 Lots
- Arbor Trails – 19 Lots
- Providence – 15 lots

Site Plan Review – Site plan reviews include review of grading, drainage, stormwater treatment , driveway access and utility services to insure they meet city standards. A total of 2 site plans were reviewed and approved including:

- Grandview Crossing – 124 units multi-family housing
- Kwik Trip – Commercial

Council Goals

- **Comprehensive Pedestrian /Trail Plan-** Discussions regarding a comprehensive trail connection map was presented to the council with the consensus to apply for grant funding to complete these connections as funding is received or to complete sections as development occurs. Trail maintenance for the near future will be completed with roadway construction project as current funding levels allow.
 - Pinecone Road Phase 1 - Trail Improvements – Approximately 1.06 miles of bituminous trail was replaced or resurfaced and pedestrian ramps were replaced to meet current ADA requirements. The project included trail from 700' south of 2nd Street S to 700' south of 7th Street N.
 - Pinecone Road Phase 2 – Trail Improvements – Approximately 1200 lineal feet of trail was added to the north side of 6th Street S from Victory Avenue S to the Heritage Drive.
- **Sauk River Park** – The parking lot is substantially complete with the final lift of bituminous to be placed in the spring of 2015. The council decided that restrooms were not required at this time.
- **Transportation Related Goals** - A major goal was to set a long term budget for both collector and local streets. This effort has been temporarily suspended due the number of major projects that need to be completed in the next several years and the unknown cost for each of these projects. The temporary goal is to secure the needed funding for projects that federal funding or have been required by Benton and Stearns County including
 - 2016- CSAH 1/Heritage/LeSauk Dr/Evergreen Dr.
 - 2017 – 4th Avenue S Extension
 - 2018 – Benton CSAH 29 Resurfacing
 - 2018 Stearns Co. CSAH 1
 - Pinecone Road N/ 27th Street Improvements

Due to the unknown costs for these projects, budgeting for other local street projects has been difficult. As soon as we have a better understanding of the city cost share for the proposed county projects we will be able to move forward with budgeting for local street improvements.