# City of Marshfield, Wisconsin

# Capital Improvement Program

2010 thru 2014

## PROJECTS & FUNDING SOURCES BY DEPARTMENT

Department	Project#	Priority	2010	2011	2012	2013	2014	Total
Storm Water	 ]							
Lincoln Ave - Adler Road to McMillan - Storm Sewer	SW-G-6704	2				606,000		606,000
7th-Central to Chestnut - Storm Sewer	SW-G-6708	2	23,000					23,000
Lincoln Avenue - 5th to Adler - Storm Sewer	SW-G-6724	2			100,000			100,000
Spruce Ave - 5th to 7th - Storm Sewer w/Paving	SW-G-6726	2		112,000				112,000
Alley - Central/Maple & 3rd/4th - Storm Sewer	SW-G-6728	2	31,000					31,000
E 29th St Galvin to City Limits - Storm Sewer	SW-G-6730	2	499,000					499,000
S.J. Miller Detention Basin - Wet Pond Conversion	SW-G-6736	1	50,000					50,000
Fig Avenue Detention Basin - Wet Pond Conversion	SW-G-6737	1	47,000					47,000
8th St & Veterans Pkwy - New Wet Detention Basin	SW-G-6738	1					40,000	40,000
Hume Ave & Veterans Pkwy - New Wet Detention Basi	n SW-G-6739	1			50,000		350,000	400,000
Hume Ave & 29th Street - New Wet Detention Basin	SW-G-6740	1					75,000	75,000
Braem Park - New Wet Detention Basin	SW-G-6741	1		230,000				230,000
W 17th St - Locust to Zoo Lot - Storm Replacement	SW-G-6746	1	164,000					164,000
Westview Drive - Adams to 450' East - Storm Sewer	SW-G-6747	1	40,000					40,000
Maple (N of Harrison) Central to Cedar - Storm Sew	SW-G-6748	1	265,000					265,000
E 29th St - Washington to Vets Pkwy - Storm Recons	SW-G-6750	3					120,000	120,000
SLAMM Model Update and BMP Feasibility Study	SW-G-6752	1			75,000			75,000
13th Street - Central to Chestnut - Storm Sewer	SW-H-6709	2	17,000					17,000
Felker - Tremmel Ct to 24th & 24th - Storm Sewer	SW-H-6710	2			124,000			124,000
Arnold St - Chestnut to St Joseph - Storm Sewer	SW-H-6719	2		166,000				166,000
E 2nd Street - Maple to Vine - Storm Sewer	SW-H-6732	1	114,000					114,000
Balsam Ave - Kalsched to Upham - Storm Sewer	SW-H-6733	2			42,000			42,000
Alley - Central/Maple & 4th/5th - Storm Sewer	SW-H-6744	2			28,000			28,000
E 21st Street - Washington to Aspen - Storm Sewer	SW-H-6745	2			97,000			97,000
	Storm Water	Total	1,250,000	508,000	516,000	606,000	585,000	3,465,000
Borrowed - Taxes on Incremental Va	lue		932,000		28,000			960,000
<b>Borrowed Funds - Recurring Projects</b>			221,000	508,000	413,000	606,000	585,000	2,333,000
Operating Funds			97,000		75,000			172,000
	Storm Water	Total	1,250,000	508,000	516,000	606,000	585,000	3,465,000
	Grand	_ Total	1,250,000	508,000	516,000	606,000	585,000	3,465,000

2010 thru 2014

City of Marshfield, Wisconsin

Project # SW-G-6704

Project Name Lincoln Ave - Adler Road to McMillan - Storm Sewer

Type N/A Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level II

Department Storm Water

Contact Dan Knoeck

ssessable Project No

mpanion Project Yes

#### Description

Construction of new storm sewer in conjunction with concrete paving project.

#### Justification

Storm sewer is required with new curb & gutter.

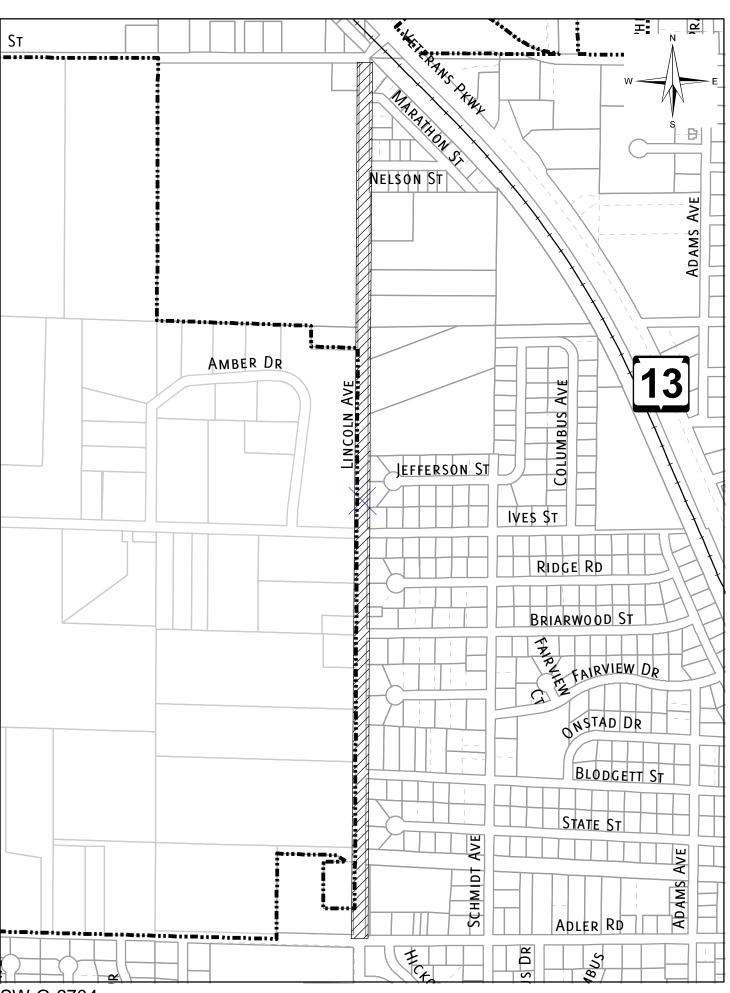
Expenditures	2010	2011	2012	2013	2014	Total
Construction				551,000		551,000
Engineering				55,000		55,000
	Total			606,000		606,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr				606,000		606,000
Total				606,000		606,000

#### **Budget Impact/Other**

Maintenance will increase as facilities age.

Companion Projects: EN-B-1841 (Street Reconstruction), EN-J-1758 (Sanitary Sewer - Force Main), EN-J-1917 (Sanitary Sewer Replacement and EN-N-1918 (Sidewalk)



2010 thru 2014

**Department** Storm Water

Contact Dan Knoeck

Type N/A
Useful Life 50

Category G - Storm Sewer - Trunk

**Priority** Level II

City of Marshfield, Wisconsin

Project # SW-G-6708

**Project Name** 7th-Central to Chestnut - Storm Sewer

ssessable Project No

mpanion Project Yes

#### **Description**

Reconstruction of storm sewer on existing street in conjunction with street reconstruction

#### Justification

The existing storm sewer has served it's useful life and must be replaced before constructing a new street surface above it.

Expenditures		2010	2011	2012	2013	2014	Total
Construction		20,000					20,000
Engineering		3,000					3,000
	Total	23,000					23,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed - Taxes on Increme	23,000					23,000
Total	23,000					23,000

#### **Budget Impact/Other**

Initially maintenance will decrease but will then increase as facilities age.

Companion Projects: EN-C-1847 (Street Reconstruction) and EN-J-1848 (Sanitary Sewer)



2010 thru 2014

City of Marshfield, Wisconsin

SW-G-6724 Project #

Project Name Lincoln Avenue - 5th to Adler - Storm Sewer

ssessable Project No mpanion Project Yes **Department** Storm Water Contact Dan Knoeck

Type N/A Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level II

#### Description

Construction of new storm sewer in conjunction with concrete paving project.

#### Justification

Storm sewer is required with new curb & gutter.

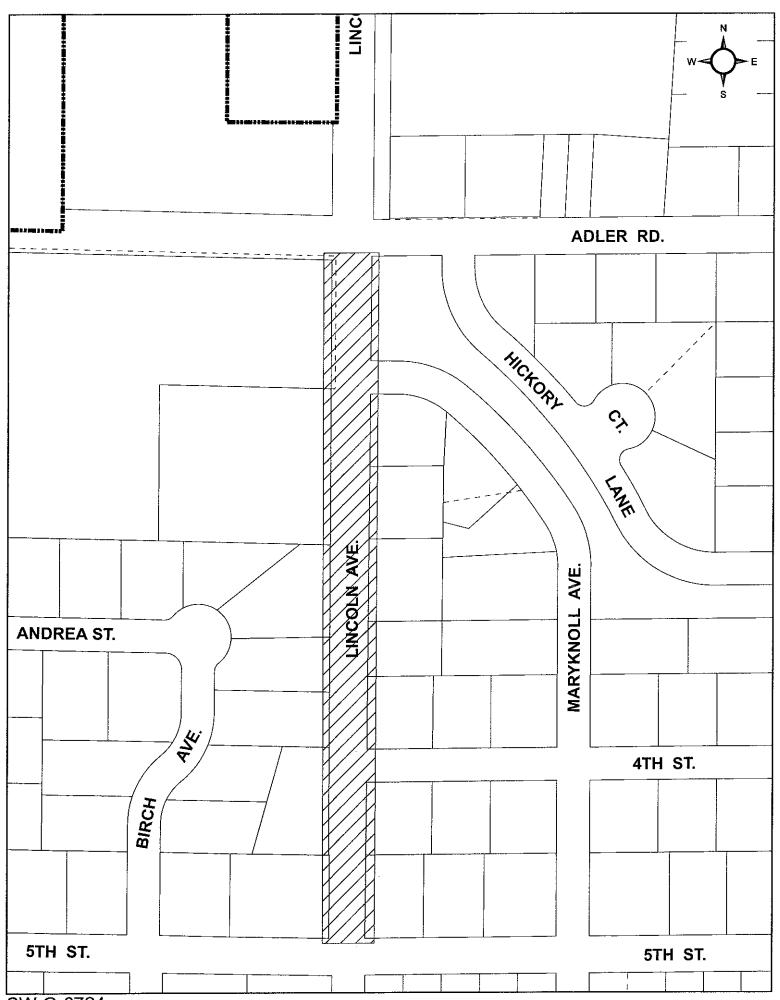
Expenditures	2010	2011	2012	2013	2014	Total
Construction			90,000			
Engineering			10,000	10,000		
	Total		100,000			100,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr			100,000			100,000
Total			100,000			100,000

#### **Budget Impact/Other**

Ditch and culvert maintenance will be reduced with the addition of curb & gutter and storm sewer.

Companion Projects - EN-B-1916 (Street Reconstruction), EN-J-2065 (Sanitary Sewer), EN-N-1935 (Sidewalk), EN-N-2066 (Water Services)



2010 thru 2014

## City of Marshfield, Wisconsin

SW-G-6726 Project #

Project Name Spruce Ave - 5th to 7th - Storm Sewer w/Paving

ssessable Project No

mpanion Project Yes

Department Storm Water Contact Dan Knoeck

Type N/A Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level II

## Description

Construction of new storm sewer in conjunction with paving project.

#### Justification

Storm sewer is required with new curb & gutter.

Expenditures	2010	2011	2012	2013	2014	Total
Construction		102,000				102,000
Engineering		10,000				10,000
	Total	112,000				112,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr		112,000				112,000
Total		112,000				112,000

#### **Budget Impact/Other**

Ditch and culvert maintenance will be reduced with the addition of curb & gutter and storm sewer.

Companion Projects - EN-D-1923 (Street Reconstruction), EN-J-1924 (Sanitary Sewer)



2010 thru 2014

Department Storm Water

Contact Dan Knoeck

Type N/A
Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level II

## City of Marshfield, Wisconsin

Project # SW-G-6728

Project Name Alley - Central/Maple & 3rd/4th - Storm Sewer

ssessable Project No ompanion Project Yes

#### Description

Construction of new storm sewer in conjunction with alley paving project.

#### Justification

The existing storm sewer has served it's useful life and must be replaced before constructing a new street surface above it.

Expenditures		2010	2011	2012	2013	2014	Total
Construction		28,000					28,000
Engineering		3,000					3,000
	Total	31,000					31,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed - Taxes on Increme	31,000					31,000
Total	31,000					31,000

#### Budget Impact/Other

Initially maintenance will decrease but will then increase as facilities age.

Companion Projects: EN-D-1945 (Alley Reconstruction)



2010 thru 2014

City of Marshfield, Wisconsin

Project # SW-G-6730

Project Name E 29th St. - Galvin to City Limits - Storm Sewer

Type N/A
Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level II

**Department** Storm Water

Contact Dan Knoeck

ssessable Project No

mpanion Project Yes

#### **Description**

Construction of new storm sewer and storm water detention basin in conjunction with concrete paving project.

#### Justification

Storm sewer is required with new curb & gutter.

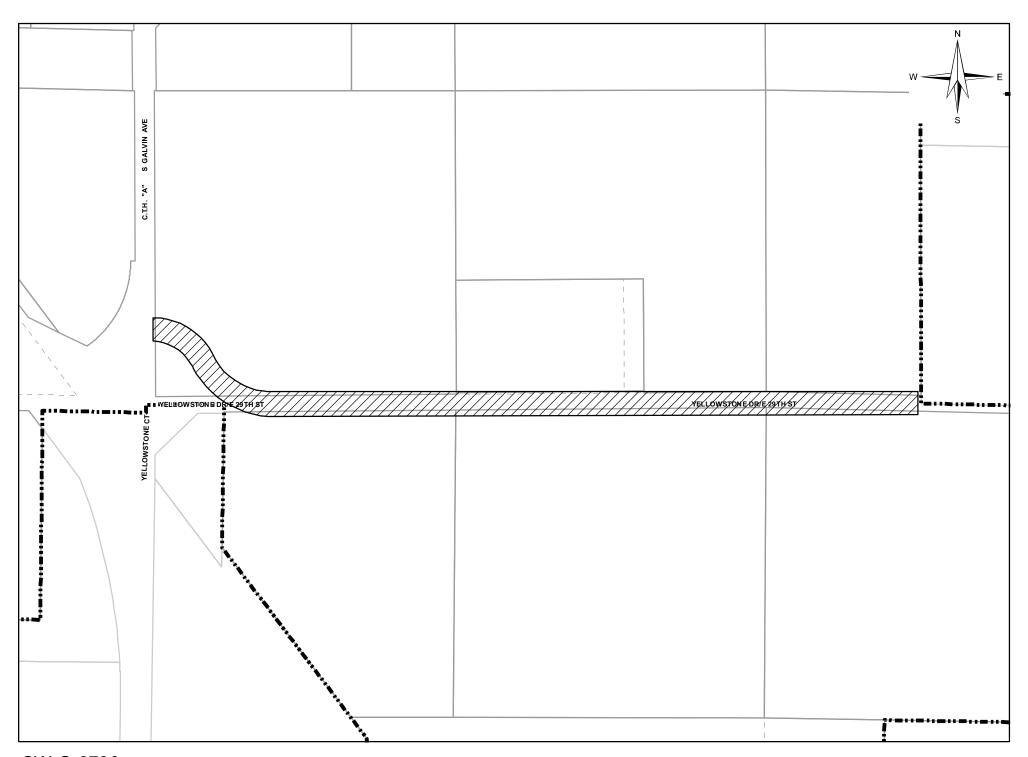
Expenditures		2010	2011	2012	2013	2014	Total
Construction		454,000					454,000
Engineering		45,000					45,000
	Total	499,000					499,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed - Taxes on Increme	499,000					499,000
Total	499,000					499,000

#### **Budget Impact/Other**

Ditch and culvert maintenance will be reduced with the addition of curb & gutter and storm sewer.

Companion Projects: - EN-C-1912 (Street Reconstruction), EN-J-1975 (Sanitary Sewer), EN-N-1976 (Water Main)



2010 thru 2014

## City of Marshfield, Wisconsin

SW-G-6736 Project #

Project Name S.J. Miller Detention Basin - Wet Pond Conversion

mpanion Project Not Applicable

ssessable Project No

**Department** Storm Water Contact Dan Knoeck

Type N/A

Useful Life Unassigned

Category G - Storm Sewer - Trunk

**Priority** Level 1

# Description

Convert the existing dry detention basin to a wet detention basin. Wet basins have a permanent water surface and range in depth from 3 to 5 feet deep.

#### Justification

The City was issued a storm water discharge permit under NR 216 in November of 2006. The permit requires the city to reduce the Total Suspended Solids (TSS) in it's storm water by 20% by 2008 and by 40% by 2013. Converting dry detention basins to wet basins are the most economical means of achieving these reductions. Proposed changes to the stormwater rules will give permitted communities more time to meet the 40% goal.

Expenditures		2010	2011	2012	2013	2014	Total
Construction		45,000					45,000
Engineering		5,000					5,000
	Total	50,000					50,000

<b>Funding Sources</b>		2010	2011	2012	2013	2014	Total
Operating Funds		50,000					50,000
	Total	50,000					50,000

#### **Budget Impact/Other**



2010 thru 2014

## City of Marshfield, Wisconsin

Project # SW-G-6737

Project Name Fig Avenue Detention Basin - Wet Pond Conversion

Type N/A
Useful Life Unassigned

**Department** Storm Water

Contact Dan Knoeck

Category G - Storm Sewer - Trunk

Priority Level 1

ssessable Project No

mpanion Project Not Applicable

#### Description

Convert the existing dry detention basin to a wet detention basin. Wet basins have a permanent water surface and range in depth from 3 to 5 feet deep.

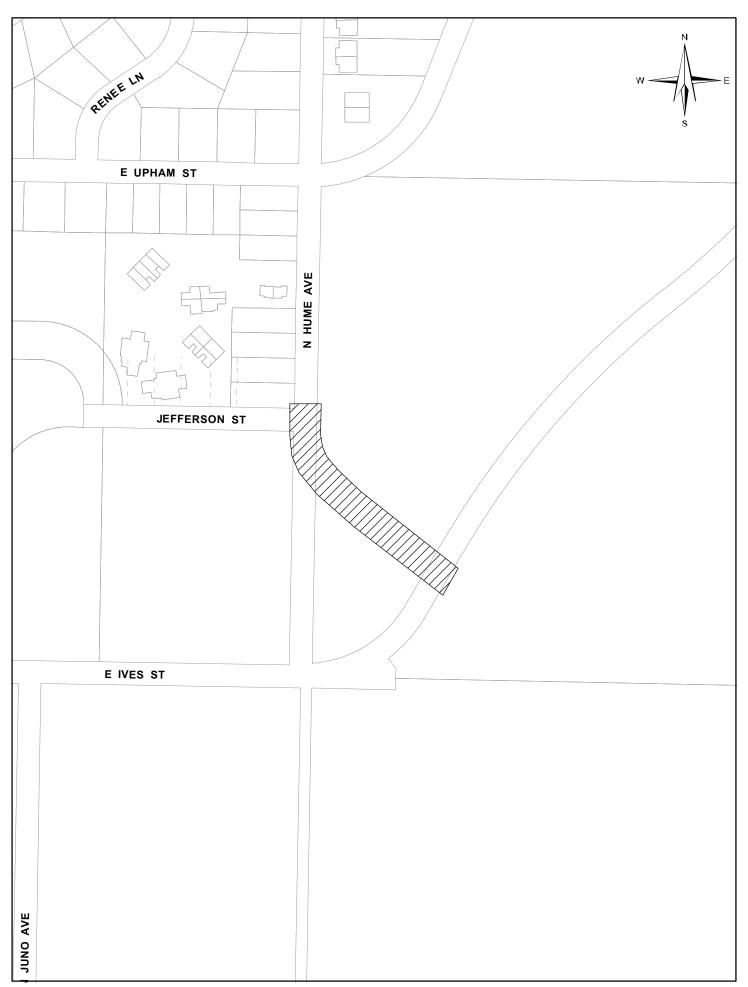
#### Justification

The City was issued a storm water discharge permit under NR 216 in November of 2006. The permit requires the city to reduce the Total Suspended Solids (TSS) in it's storm water by 20% by 2008 and by 40% by 2013. Converting dry detention basins to wet basins are the most economical means of achieving these reductions. Proposed changes to the stormwater rules will give permitted communities more time to meet the 40% goal.

Expenditures		2010	2011	2012	2013	2014	<b>Total</b>
Construction		42,000					42,000
Engineering		5,000					5,000
	Total	47,000					47,000

<b>Funding Sources</b>		2010	2011	2012	2013	2014	Total
Operating Funds		47,000					47,000
	Total	47,000					47,000

#### **Budget Impact/Other**



2010 thru 2014

## City of Marshfield, Wisconsin

Project # SW-G-6738

Project Name 8th St & Veterans Pkwy - New Wet Detention Basin

Type N/A Useful Life 50

Category G - Storm Sewer - Trunk

**Priority** Level 1

**Department** Storm Water

Contact Dan Knoeck

ssessable Project No

mpanion Project Not Applicable

#### Description

Construction of a new wet detention basin. Wet basins have a permanent water surface and range in depth from 3 to 5 feet deep.

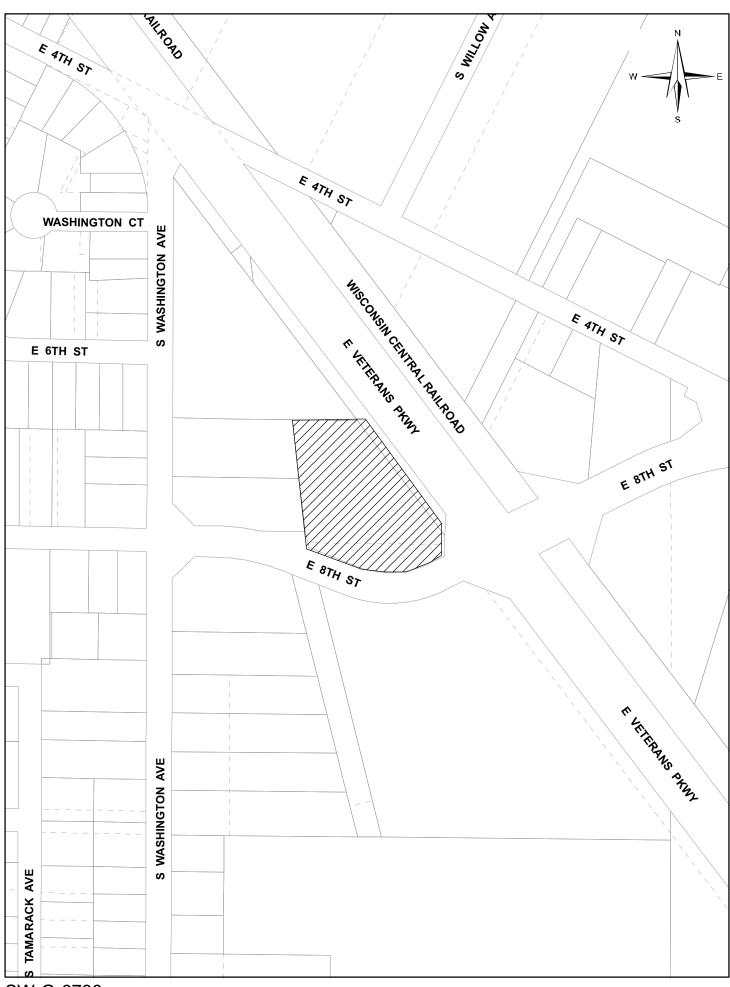
#### Justification

The City was issued a storm water discharge permit under NR 216 in November of 2006. The permit requires the city to reduce the Total Suspended Solids (TSS) in it's storm water by 20% by 2008 and by 40% by 2013. Wet basins are an economical means of achieving these reductions. Proposed changes to the stormwater rules will give permitted communities more time to meet the 40% goal.

Expenditures	2010	2011	2012	2013	2014	Total
Engineering					40,000	40,000
	Γotal				40,000	40,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr					40,000	40,000
Total					40,000	40,000

#### Budget Impact/Other



2010 thru 2014

## City of Marshfield, Wisconsin

Project # SW-G-6739

Project Name Hume Ave & Veterans Pkwy - New Wet Detention Basin

Type N/A
Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level 1

**Department** Storm Water

Contact Dan Knoeck

ssessable Project No

mpanion Project Not Applicable

#### Description

Construction of a new wet detention basin. Wet basins have a permanent water surface and range in depth from 3 to 5 feet deep.

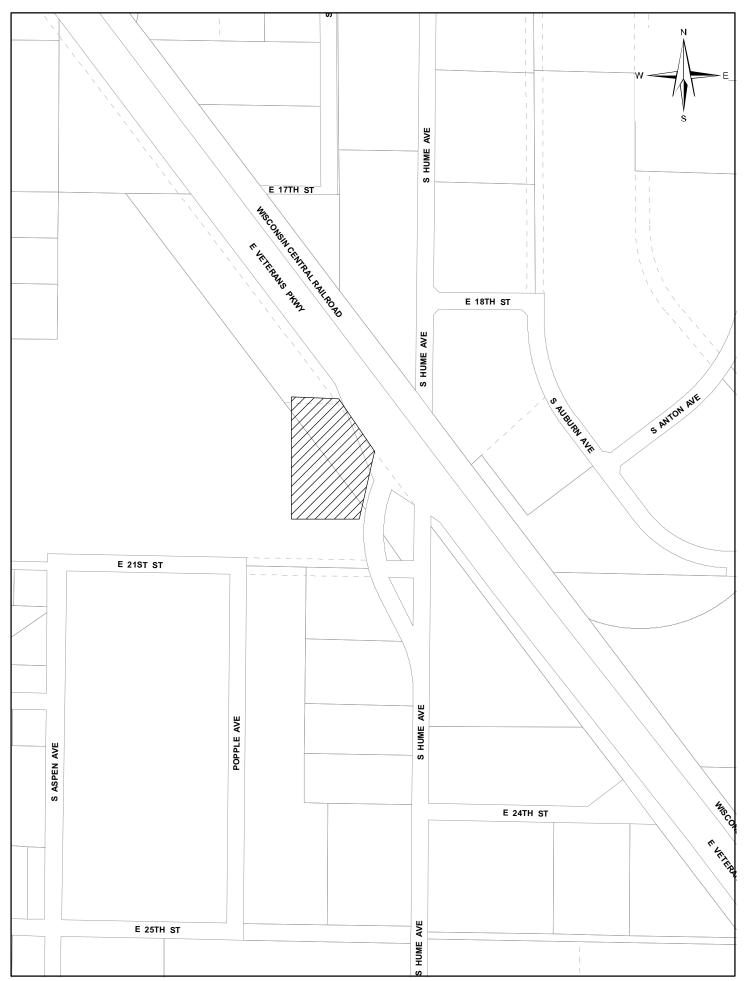
#### Justification

The City was issued a storm water discharge permit under NR 216 in November of 2006. The permit requires the city to reduce the Total Suspended Solids (TSS) in it's storm water by 20% by 2008 and by 40% by 2013. Wet basins are an economical means of achieving these reductions. Proposed changes to the stormwater rules will give permitted communities more time to meet the 40% goal.

Expenditures	2010	2011	2012	2013	2014	Total
Construction					350,000	350,000
Engineering			50,000			50,000
•	Total		50,000		350,000	400,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr			50,000		350,000	400,000
Total			50,000		350,000	400,000

#### Budget Impact/Other



2010 thru 2014

## City of Marshfield, Wisconsin

Project # SW-G-6740

Project Name Hume Ave & 29th Street - New Wet Detention Basin

Type N/A
Useful Life 50

Category G - Storm Sewer - Trunk

**Priority** Level 1

**Department** Storm Water

Contact Dan Knoeck

ssessable Project No

mpanion Project Not Applicable

#### Description

Construction of a new wet detention basin. Wet basins have a permanent water surface and range in depth from 3 to 5 feet deep.

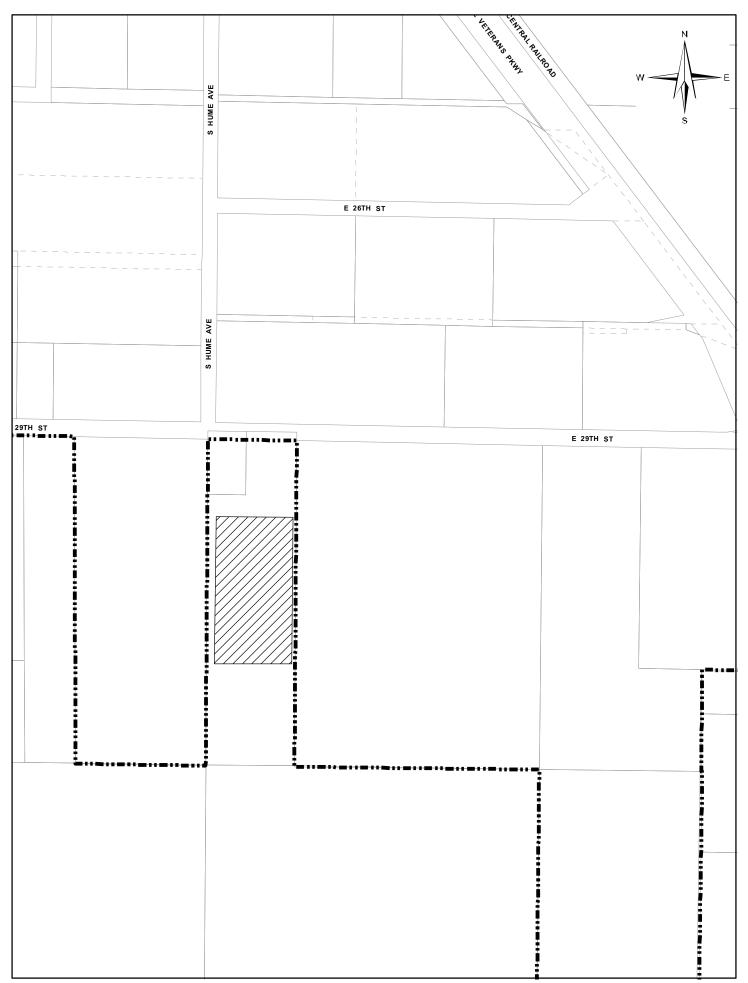
#### Justification

The City was issued a storm water discharge permit under NR 216 in November of 2006. The permit requires the city to reduce the Total Suspended Solids (TSS) in it's storm water by 20% by 2008 and by 40% by 2013. Wet basins are an economical means of achieving these reductions. Proposed changes to the stormwater rules will give permitted communities more time to meet the 40% goal.

Expenditures	2010	2011	2012	2013	2014	<b>Total</b>
Engineering					40,000	40,000
Land					35,000	35,000
	Total				75,000	75,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr					75,000	75,000
Total					75,000	75,000

#### Budget Impact/Other



2010 thru 2014

## City of Marshfield, Wisconsin

Project # SW-G-6741

Project Name Braem Park - New Wet Detention Basin

ssessable Project No

mpanion Project Not Applicable

**Department** Storm Water **Contact** Dan Knoeck

Type N/A
Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level 1

# **Description**Construction of

Construction of a new wet detention basin. Wet basins have a permanent water surface and range in depth from 3 to 5 feet deep.

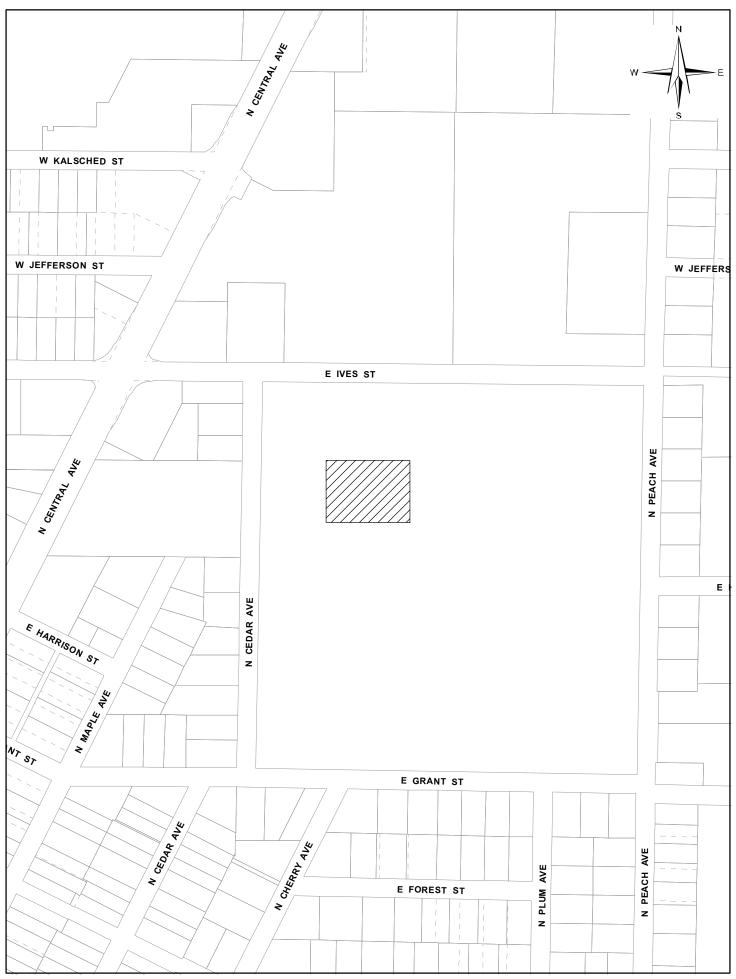
#### Justification

The City was issued a storm water discharge permit under NR 216 in November of 2006. The permit requires the city to reduce the Total Suspended Solids (TSS) in it's storm water by 20% by 2008 and by 40% by 2013. Wet basins are an economical means of achieving these reductions. Proposed changes to the stormwater rules will give permitted communities more time to meet the 40% goal.

Expenditures	2010	2011	2012	2013	2014	Total
Construction		200,000				200,000
Engineering		30,000				30,000
	Total	230,000				230,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr		230,000				230,000
Total		230,000				230,000

#### Budget Impact/Other



2010 thru 2014

**Department** Storm Water

Contact Dan Knoeck

Type N/A
Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level 1

# City of Marshfield, Wisconsin

Project # SW-G-6746

Project Name W 17th St - Locust to Zoo Lot - Storm Replacement

ssessable Project No

mpanion Project Not Applicable

#### Description

Replace existing corrugated metal storm sewer pipe.

#### Justification

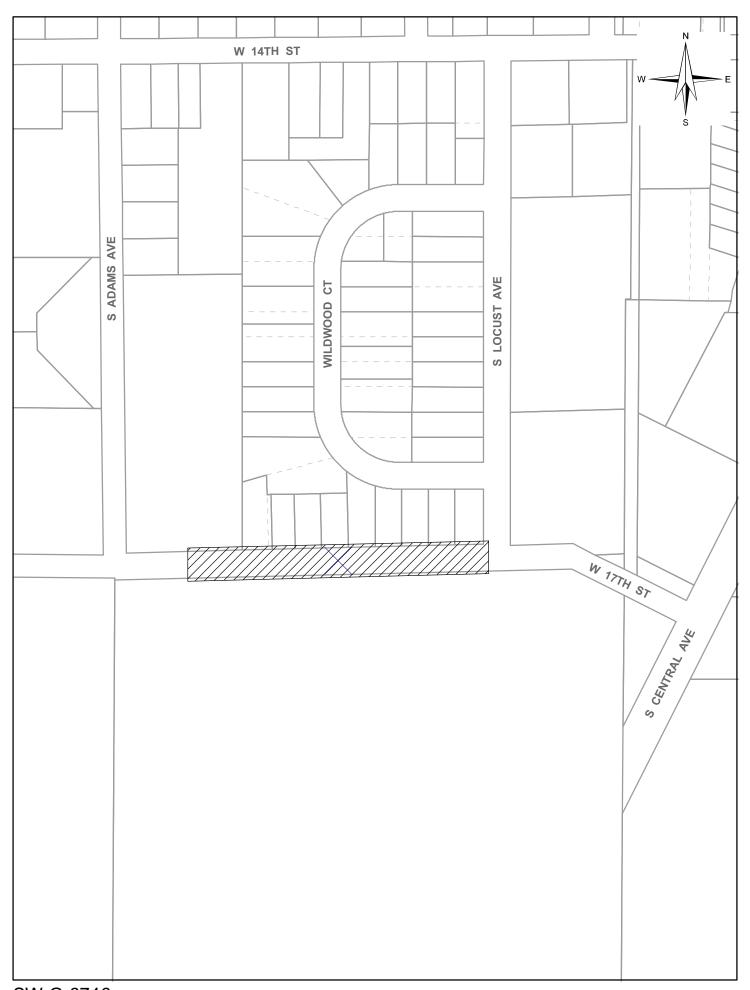
The existing metal pipe is undersized and severly rusted on the bottom.

Expenditures	2010	2011	2012	2013	2014	Total
Construction	149,0	000				149,000
Engineering	15,0	000				15,000
	Total 164,0	000				164,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr	164,000					164,000
Total	164,000					164,000

#### Budget Impact/Other

Initially maintenance will decrease but will then increase as facilities age.



2010 thru 2014

City of Marshfield, Wisconsin

Project # SW-G-6747

Project Name Westview Drive - Adams to 450' East - Storm Sewer

Contact Dan Knoeck

Type N/A

Useful Life 50

Category G - Storm Sewer - Trunk

**Priority** Level 1

**Department** Storm Water

ssessable Project Yes

mpanion Project Not Applicable

#### Description

Construction of new storm sewer trunkline to address neighborhood drainage problem.

#### Justification

Currently storm water flow is piped to the back yards between 1000 and 1002 Westview Drive with no discharge. This system is failing and needs to be replaced.

Expenditures		2010	2011	2012	2013	2014	<b>Total</b>
Construction		36,000					36,000
Engineering		4,000					4,000
	Total	40,000					40,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr	40,000					40,000
Total	40,000					40,000

#### **Budget Impact/Other**

Initially maintenance will decrease but will then increase as facilities age.



2010 thru 2014

**Department** Storm Water

Contact Dan Knoeck

Type N/A Useful Life 50

Category G - Storm Sewer - Trunk

**Priority** Level 1

City of Marshfield, Wisconsin SW-G-6748

Project Name Maple (N of Harrison) Central to Cedar - Storm Sew

ssessable Project No mpanion Project Yes

#### Description

Project #

Replace existing twin 54-inch corrugated metal storm sewer pipe.

#### **Justification**

The existing metal pipe is nearing the end of it's useful life and should be replaced prior to the proposed hotel project on the former Hartl Manor property.

Expenditures		2010	2011	2012	2013	2014	<b>Total</b>
Construction		240,000					240,000
Engineering		25,000					25,000
	Total	265,000					265,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed - Taxes on Increme	265,000					265,000
Total	265,000					265,000

#### **Budget Impact/Other**

Initially maintenance will decrease but will then increase as facilities age.

Companion Project: EN-J-1954 (Sanitary Sewer)



2010 thru 2014

## City of Marshfield, Wisconsin

Project # SW-G-6750

Project Name E 29th St - Washington to Vets Pkwy - Storm Recons

Contact Dan Knoeck

Type N/A

Department Storm Water

Useful Life 50

Category G - Storm Sewer - Trunk

Priority Level III

ssessable Project No

mpanion Project Yes

#### **Description**

Reconstruction and/or repair of storm sewer on existing street in conjunction with street reconstruction.

#### Justification

The existing storm sewer must be repaired before constructing a new street surface above it.

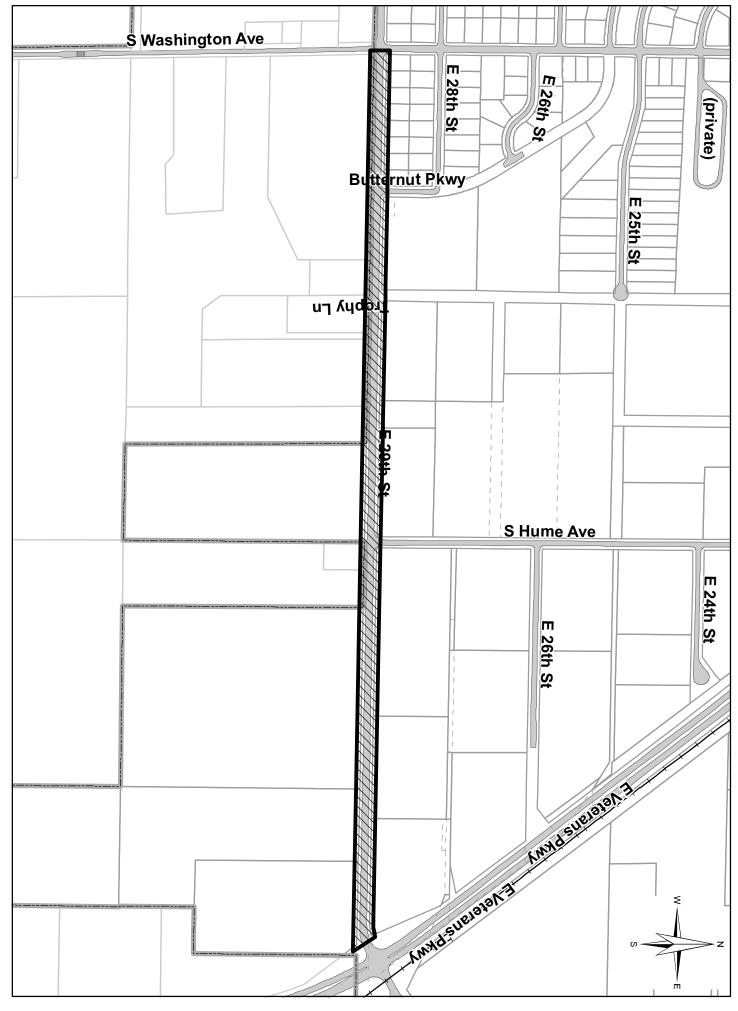
Expenditures	2010	2011	2012	2013	2014	Total
Construction					109,000	109,000
Engineering					11,000	11,000
•	Total				120,000	120,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr					120,000	120,000
Total					120,000	120,000

#### Budget Impact/Other

Initially maintenance will decrease but will then increase as facilities age.

Companion Projects: EN-B-2074 (Street Reconstruction) and EN-N-1988 (New Sidewalk)



2010 thru 2014

## City of Marshfield, Wisconsin

Project # SW-G-6752

Project Name SLAMM Model Update and BMP Feasibility Study

Type N/A Useful Life N/A

 ${\bf Category} \quad {\bf G-Storm\ Sewer-Trunk}$ 

**Priority** Level 1

Department Storm Water

Contact Dan Knoeck

ssessable Project No

mpanion Project Not Applicable

#### Description

Update the city's storm water pollutant loading model which was developed in 2007. This model serves as the basis for establishing pollutant reduction requirements. This project would also evaluate the feasibilty of select Best Management Practices (BMP's) that were identified in the previous implementation plan.

#### Justification

The City has been issued a storm water discharge permit by the Department of Natural Resources under NR 216. The permit requires the city to reduce storm water pollution by 20% by 2008 (which has been achieved) and by 40% by 2013. Proposed changes to the stormwater rules will give permitted communities more time to meet the 40% goal.

Expenditures	2010	2011	2012	2013	2014	Total
Engineering			75,000			75,000
	Total		75,000			75,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Operating Funds			75,000			75,000
То	tal		75,000			75,000

Buo	lget	Impact.	Ot.	her
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None

2010 thru 2014

City of Marshfield, Wisconsin

SW-H-6709 Project #

Project Name 13th Street - Central to Chestnut - Storm Sewer

ssessable Project No mpanion Project Yes **Department** Storm Water Contact Dan Knoeck

Type N/A Useful Life 50

Category H -Storm Sewer - Collector

Priority Level II

## Description

Installation of storm sewer collection system in conjunction with street reconstruction.

#### Justification

Installation of storm sewer will allow for the elimination of ditches and driveway culverts.

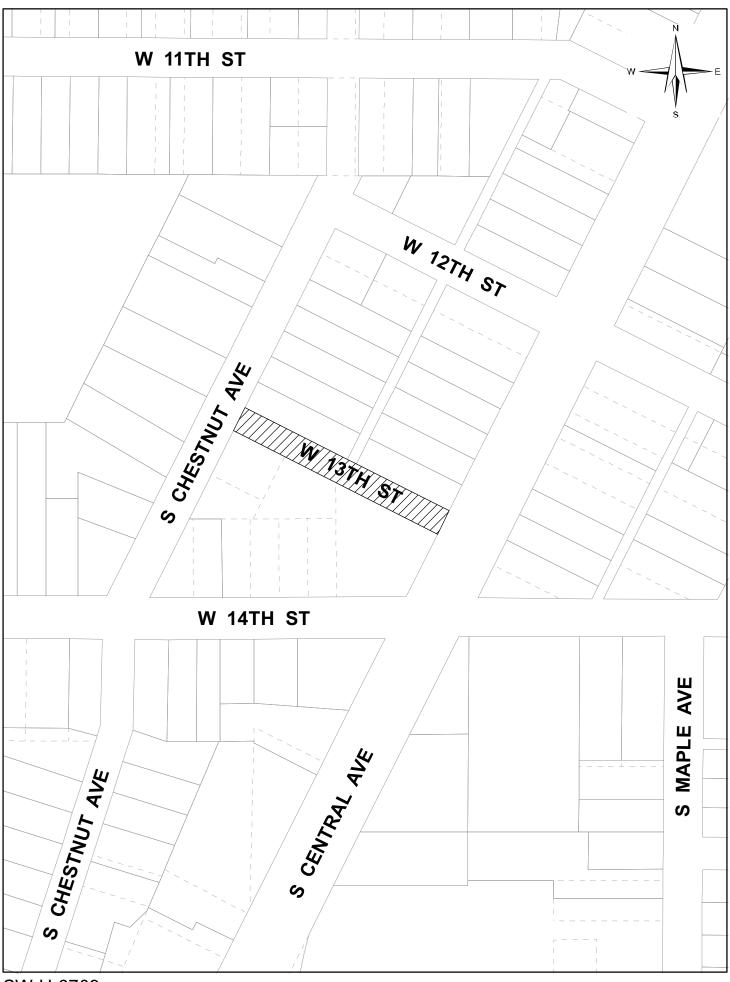
Expenditures		2010	2011	2012	2013	2014	Total
Construction		15,000					15,000
Engineering		2,000					2,000
	Total	17,000					17,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr	17,000					17,000
Total	17,000					17,000

#### **Budget Impact/Other**

Maintenance will increase as facilities age.

Companion Projects: EN-D-1850 (Street Reconstruction)



2010 thru 2014

# City of Marshfield, Wisconsin

Project # SW-H-6710

Project Name Felker - Tremmel Ct to 24th & 24th - Storm Sewer

Type N/A
Useful Life 50

Category H -Storm Sewer - Collector

Priority Level II

Department Storm Water

Contact Dan Knoeck

ssessable Project No

mpanion Project Yes

#### Description

Installation of storm sewer and construction of a detention basin in conjunction with street opening.

#### Justification

Storm sewer is required with new curb & gutter.

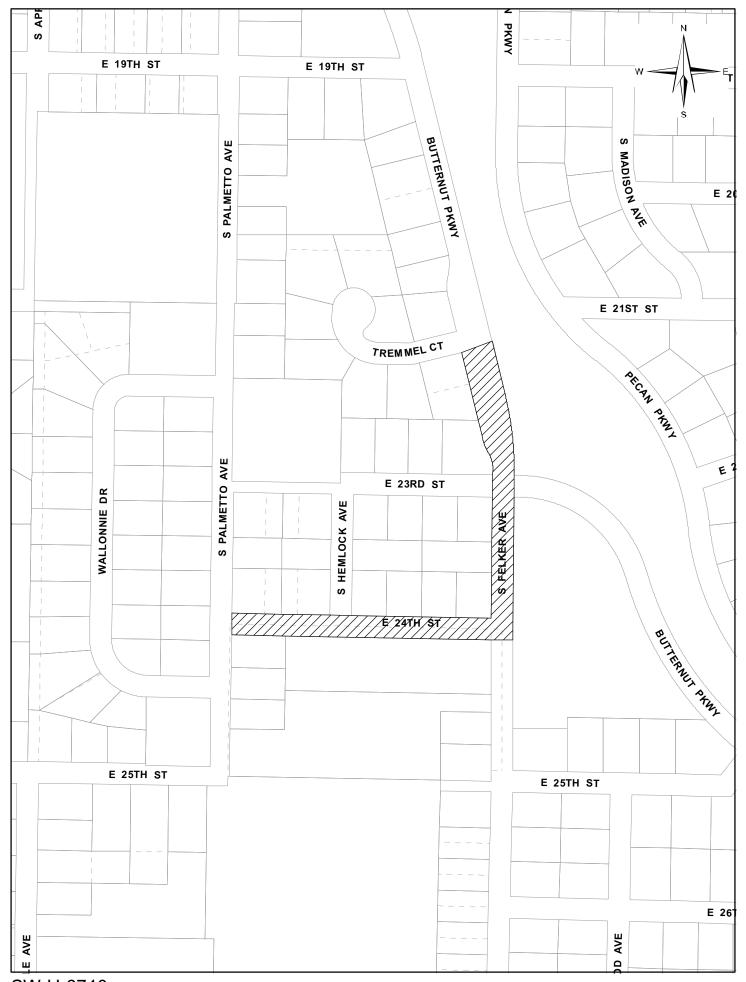
Expenditures	2010	2011	2012	2013	2014	Total
Construction			113,000			113,000
Engineering			11,000			11,000
	Total		124,000			124,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr			124,000			124,000
Total			124,000			124,000

#### **Budget Impact/Other**

Maintenance will increase as facilities age.

Companion Projects: EN-D-1875 (Street Opening), EN-J-1876 (Sanitary Sewer), and EN-N-1877 (Water main)



2010 thru 2014

City of Marshfield, Wisconsin

Project # SW-H-6719

Project Name Arnold St - Chestnut to St Joseph - Storm Sewer

ssessable Project No

mpanion Project Yes

**Department** Storm Water **Contact** Dan Knoeck

Type N/A
Useful Life 50

Category H -Storm Sewer - Collector

Priority Level II

#### Description

Reconstruct existing storm sewer main and catch basins as part of street reconstruction project.

Note: This project was previously numbered EN-H-1792.

#### **Justification**

The existing storm sewer main is vitrified clay. Catch basins and inlets are deteriorating and in need of replacement.

Expenditures	2	010	2011	2012	2013	2014	Total
Construction			151,000				151,000
Engineering			15,000				15,000
	Total		166,000				166,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr		166,000				166,000
Total		166,000				166,000

#### **Budget Impact/Other**

Reduced maintenance costs.

Companion Projects: EN-C-1790 (Street Reconstruction), EN-J-1791 (Sanitary Sewer), EN-N-1952 (Water Services)



2010 thru 2014

City of Marshfield, Wisconsin

Project # SW-H-6732

Project Name E 2nd Street - Maple to Vine - Storm Sewer

ssessable Project No

mpanion Project Yes

**Department** Storm Water **Contact** Dan Knoeck

Type N/A
Useful Life 50

Category H -Storm Sewer - Collector

Priority Level 1

## Description

Replace existing vitrified clay storm sewer in conjunction with sanitary sewer replacement and street reconstruction.

### Justification

The existing storm sewer is in poor condition and in close proximity to the sanitary sewer. As a result, the storm sewer must be replaced at the same time the sanitary sewer is reconstructed.

Expenditures		2010	2011	2012	2013	2014	Total
Construction		104,000					104,000
Engineering		10,000					10,000
	Total	114,000					114,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed - Taxes on Increme	114,000					114,000
Total	114,000					114,000

### Budget Impact/Other

System maintenance will be required as facilities age. Costs are recovered through utility fees.

Companion Projects: EN-D-1981 (Street Reconstruction), EN-J-1836 (Sanitary Sewer) and EN-N-1982 (Water Services)



2010 thru 2014

Department Storm Water

Contact Dan Knoeck

Type N/A
Useful Life 50

Category H -Storm Sewer - Collector

Priority Level II

# City of Marshfield, Wisconsin

Project # SW-H-6733

Project Name Balsam Ave - Kalsched to Upham - Storm Sewer

ssessable Project No ompanion Project Yes

#### **Description**

Install storm sewer in conjunction with street reconstruction.

#### Justification

Storm sewer is required with new curb & gutter.

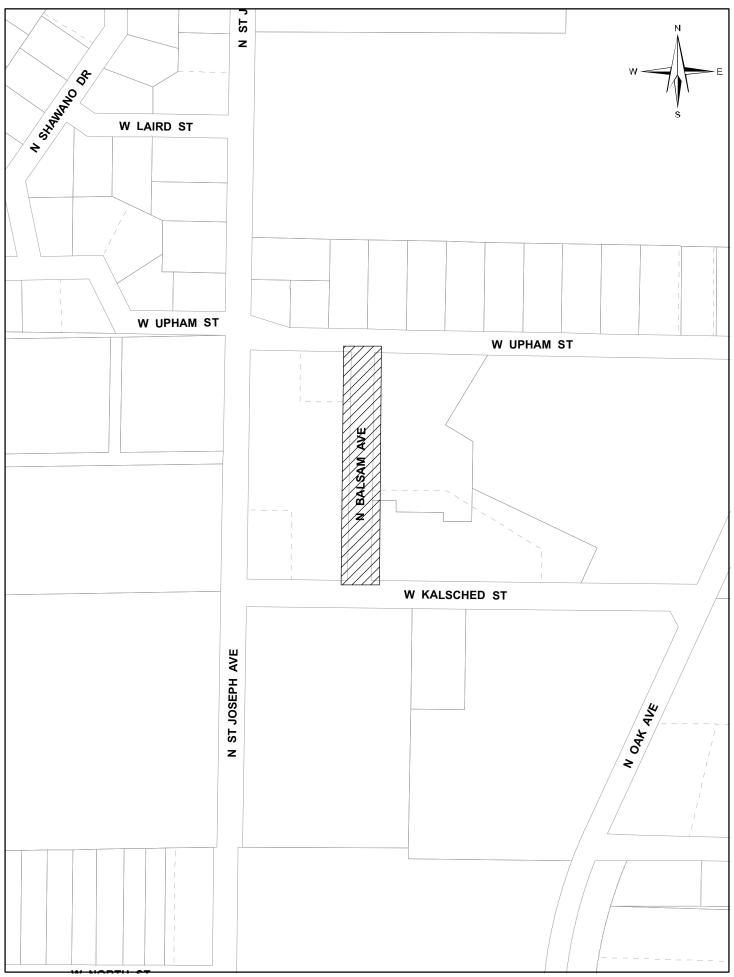
Expenditures	2010	2011	2012	2013	2014	Total
Construction			38,000			38,000
Engineering			4,000			4,000
•	Total		42,000			42,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr			42,000			42,000
Total			42,000			42,000

### **Budget Impact/Other**

System maintenance will be required as facilities age.

Companion Projects: EN-D-1983 (Street Reconstruction)



2010 thru 2014

**Department** Storm Water **Contact** Dan Knoeck

Type N/A
Useful Life 50

Category H -Storm Sewer - Collector

Priority Level II

# City of Marshfield, Wisconsin

Project # SW-H-6744

Project Name Alley - Central/Maple & 4th/5th - Storm Sewer

ssessable Project No ompanion Project Yes

#### Description

Construction of new storm sewer in conjunction with alley paving project.

#### Justification

The existing storm sewer has served it's useful life and must be replaced before constructing a new street surface above it.

Expenditures	2010	2011	2012	2013	2014	Total
Construction			25,000			25,000
Engineering			3,000			3,000
•	Total		28,000			28,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed - Taxes on Increme			28,000			28,000
Total			28,000			28,000

### Budget Impact/Other

Initially maintenance will decrease but will then increase as facilities age.

Companion Project: EN-D-1993 (Alley Reconstruction)



2010 thru 2014

# City of Marshfield, Wisconsin

Project # SW-H-6745

Project Name E 21st Street - Washington to Aspen - Storm Sewer

Type N/A Useful Life 50

Category H -Storm Sewer - Collector

Priority Level II

**Department** Storm Water

Contact Dan Knoeck

ssessable Project No

mpanion Project Yes

### Description

Install storm sewer in conjunction with street opening project.

### Justification

Storm sewer is required with new curb & gutter.

Expenditures	2010	2011	2012	2013	2014	Total
Construction				88,000		
Engineering			9,000			9,000
	Total		97,000			97,000

<b>Funding Sources</b>	2010	2011	2012	2013	2014	Total
Borrowed Funds - Recurring Pr			97,000			97,000
Total			97,000			97,000

#### **Budget Impact/Other**

System maintenance will be required as facilities age.

Companion Projects: EN-D-1977 (Street Opening), EN-J-1978 (Sanitary Sewer), EN-N-1979 (Sidewalk) and EN-N-1980 (Water Main)