



**Meeting:** Village Board  
**Meeting Date:** 05/13/13  
**Agenda Item:** 5h

**Mission Statement**  
 Delivering quality services in a courteous, cost-effective and efficient manner.

## VILLAGE BOARD MEETING STAFF REPORT

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**REPORT TO:** Burt R. McIntyre, President  
 Village Board of Trustees

**REPORT FROM:** Geoffrey Farr, PE, Director of Public Works

**AGENDA ITEMS:** Review and take action on awarding the 2013 Asphalt Resurfacing contract to Northeast Asphalt, Inc.

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**POLICY ISSUE**

Should the Village Board award the asphalt resurfacing contact and increase program spending?

**BACKGROUND INFORMATION**

The 2012 asphalt resurfacing project mainly consists of:

	<u>Base bid</u>	<u>Alternate</u>
• Surfacing of a portion of Glendale (west of Red Oak)	X	
• Surfacing a portion of Woodale (east of Rockwell)	X	
• Surfacing of Hazel Court	X	
• Resurfacing of a portion of Hillcrest (Woodale to Sunray)	X	
• Resurfacing of a portion of Rockwell (Woodale to Sunray)	X	
• Resurfacing of a portion of Russet Court (Cul-de-sac to O'Conner)	X	
• Resurfacing of Salscheider Court	X	
• Resurfacing of Red Oak Drive		#1, \$19,403.00
• Resurfacing of West Hill, Sunridge and the west 850' of Windover		#2, \$70,805.10
• Resurfacing of the west lane of Military Av (south of Lenwood)		#3, \$54,177.40
• Resurfacing of Meadow Wood Court		#4, \$29,197.00

The 2013 base resurfacing project bid totaled \$413,691.15.

The 2013 Village Budget included \$525,000 for pavement resurfacing. As you may recall the Village currently has 105 miles of roadway pavement that will continue to increase with development. At the current funding level the Village is replacing pavements at the rate of 1.75 to 2 miles per year or roughly once every 50 years. The industry standard is to plan for pavement replacement every 15 to 20 years. Village staff strongly encourages the replacement of no less than 4.5 miles of pavement per year at an average cost of \$300,000 per mile or \$1.3 million per year. If this investment is not made the average pavement condition will decline. That in turn will increase annual short-term pavement repair costs and negatively affect the Village's ability to resurface pavements. If the Village Board wishes, additional resurfacing budget funds could be taken from unspent 2012 budget funds.

If the Village wishes to increase funding, I would suggest awarding the base project with alternates #1, 2 and 3 totaling \$558,076.65, plus add \$36,000 in base gravel and a 10% contingency which

would bring the total to approximately \$653,400. Because the Russet Court pavement was removed for utility construction \$28,000 or more will be charged to the Sewer Utility, bringing the 2013 resurfacing project to \$625,400. If even more resurfacing work is desired staff would bring additional streets to the Board at a future meeting.

Village staff will perform portions of site preparation work in advance of contracted asphalt paving.

**PRIOR ACTION/REVIEW**

The 5-year resurfacing program was reviewed by the Village Board on January 28, 2013. The resurfacing program is adjusted each year based upon relevant factors including pavement condition, traffic volumes and street classification.

**FISCAL IMPACT:**

- |                              |  |
|------------------------------|--|
| 1. Is There A Fiscal Impact? | <u>Yes</u>                             |
| 2. Is it Currently Budgeted? | <u>Yes</u>                             |
| 3. If Budgeted, Which Line?  | <u>Capital Street</u><br><u>Budget</u> |
| 4. <u>Amount:</u>            | <u>\$525,000</u>                       |

**RECOMMENDED ACTION**

Village staff recommends that the Village Board approve the 2013 asphalt resurfacing project with alternates #1, 2 and 3.

If the Village Board were in favor of this policy action, the following motion could be made:

***“Motion to approve the award of the 2013 Asphalt Resurfacing Project including alternates #1, 2 and 3 to Northeast Asphalt Inc., for \$558,076.65, contingent upon Attorney review of the contracts”.***

**POLICY ALTERNATIVE(S)**

The Village Board could take the following actions:

- Approve the project
- Not approve the project, and let Village road system decline.

**ATTACHED INFORMATION**

- I. Bid Summary
- II. Project Location Map
- III. Specifications and Plans (available at the meeting should you wish to see them)

**COPIES FORWARDED TO:**

- I. None

# VILLAGE OF HOWARD BROWN COUNTY, WISCONSIN PLAN OF PROPOSED IMPROVEMENT 2013 ASPHALT RESURFACING PROJECT

## INDEX OF SHEETS

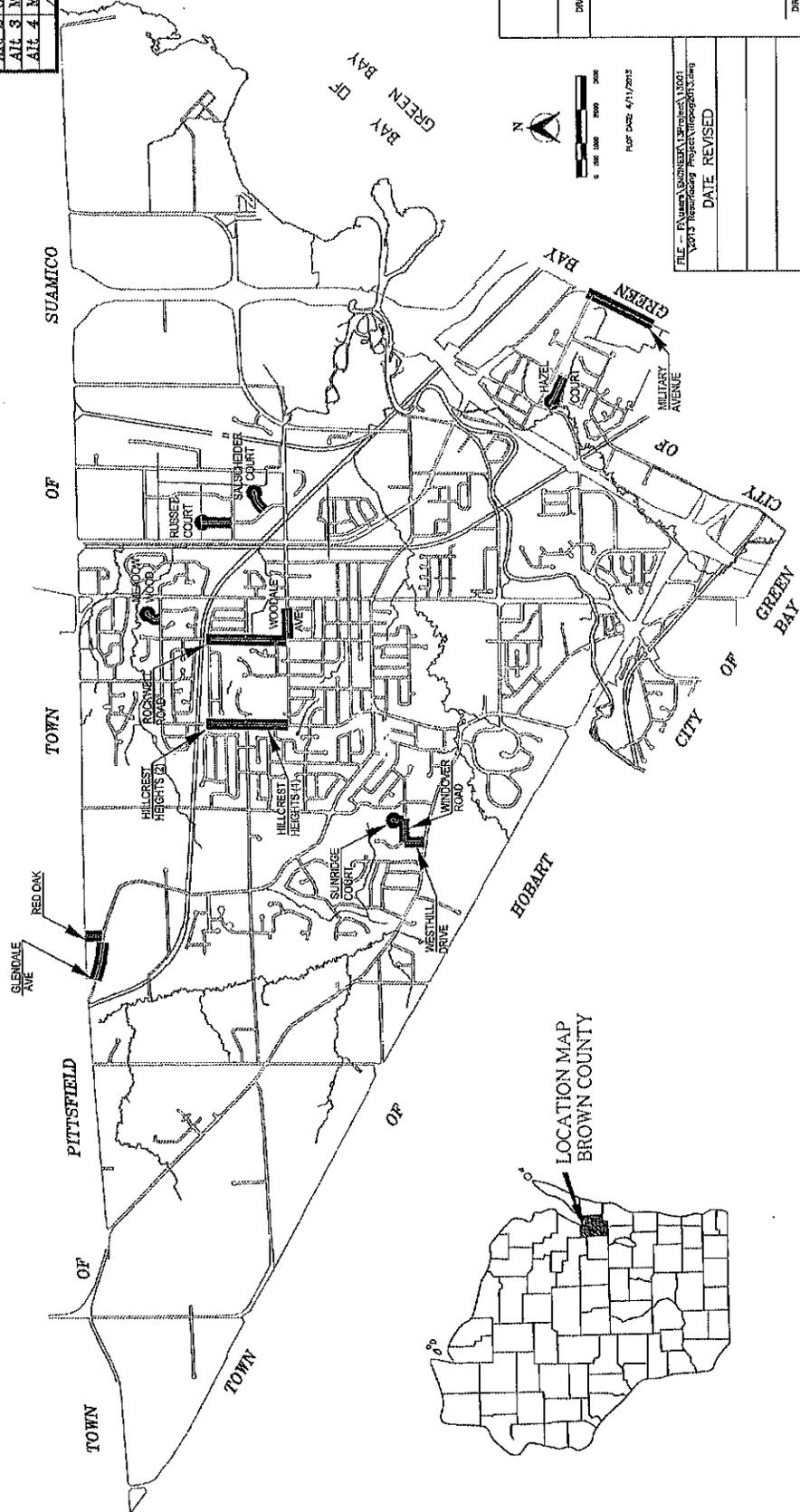
Sheet No.	Title
1	Typical Sections and Details
2	Estimate of Quantities
3	Military Ave. Traffic Control
4	

TOTAL SHEETS = 4

## AREAS OF IMPROVEMENT

PROPOSAL SCHEDULES
Sch. 1 Glendale Av
Sch. 1 Woodale Av
Sch. 1 Hazel Ct
Sch. 1 Rockwell Rd
Sch. 1 Hillcrest Heights (1)
Sch. 1 Hillcrest Heights (2)
Sch. 1 Salscheider Ct
Sch. 1 Russet Ct
Alt. 1 Red Oak
Alt. 2 Windover/Westhill
Alt. 2 Sunridge
Alt. 3 Military Ave
Alt. 4 Meadow Wood

AREAS OF IMPROVEMENT  
Project No. 13001



LOCATION MAP  
BROWN COUNTY

VILLAGE OF HOWARD  
ENGINEERING DEPARTMENT

DRAWN BY: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_

DATE REVISIONS: \_\_\_\_\_

DIRECTOR OF PUBLIC WORKS

FILE - P:\Village\GIS\Projects\13001  
2013 Resurfacing Project\13001.dwg

DATE REVISIONS: \_\_\_\_\_

2013 Asphalt Resurfacing Project

#13001

ITEM	QUANTITY	UNIT	DESCRIPTION	NEA		MCC	
				PRICE	TOTAL	PRICE	TOTAL
1-B-1	155	S.Y.	Remove Asphalt Surface	\$0.01	\$1.55	\$4.95	\$767.25
1-B-2	2,650	C.Y.	Excavation, Filling & Compaction (as ordered)	\$8.00	\$21,200.00	\$8.00	\$21,200.00
1-B-3	355	TON	Crushed Aggregate Base Course/Shouldering	\$14.00	\$4,970.00	\$14.00	\$4,970.00
1-B-4	2,005	GAL	Asphaltic Material or Tack Coat	\$2.00	\$4,010.00	\$2.02	\$4,050.10
1-B-5	4,100	TON	Asphaltic E mix lower layer	\$47.85	\$196,185.00	\$53.85	\$220,785.00
1-B-6	3,050	TON	Asphaltic E mix upper layer	\$50.60	\$154,330.00	\$56.23	\$171,501.50
1-B-7	32	EA.	Adjusting manholes	\$180.00	\$5,760.00	\$150.46	\$4,814.72
1-B-8	1	L.S.	Traffic Control	\$8,325.00	\$8,325.00	\$2,300.00	\$2,300.00
1-B-9	1,660	L.F.	Sawing Existing Pavement	\$1.00	\$1,660.00	\$0.78	\$1,294.80
1-B-10	29,780	S.Y.	Pulverizing Existing Asphalt & CABC	\$0.32	\$9,529.60	\$0.47	\$13,996.60
1-B-11	10	HR	Erosion Control Maintenance Personnel (as ordered)	\$60.00	\$600.00	\$60.00	\$600.00
1-B-12	10	HR	Erosion Control Maintenance Equipment (as ordered)	\$75.00	\$750.00	\$75.00	\$750.00
1-B-13	495	S.F.	6" concrete Driveway	\$6.00	\$2,970.00	\$6.00	\$2,970.00
1-B-14	400	TON	Crushed Aggregate Base Course (as-ordered)	\$8.50	\$3,400.00	\$8.50	\$3,400.00
Total for Schedule No. 1 - Base Bid				\$	413,691.15	\$	453,399.97

2013 Asphalt Resurfacing Project

#13001

ITEM	QUANTITY	UNIT	DESCRIPTION	NEA		MCC	
				PRICE	TOTAL	PRICE	TOTAL
1-1	25	CY	Excavation, Filling & Compaction	\$14.60	\$365.00	\$8.78	\$219.50
1-2	120	TON	Crushed Aggregate Base Course/Shouldering	\$14.00	\$1,680.00	\$14.00	\$1,680.00
1-3	80	GAL.	Asphaltic Material or Tack Coat	\$2.00	\$160.00	\$2.00	\$160.00
1-4	205	TON	Asphaltic E mix lower layer	\$51.10	\$10,475.50	\$55.64	\$11,406.20
1-5	115	TON	Asphaltic E mix upper layer	\$53.50	\$6,152.50	\$57.83	\$6,650.45
1-6	1	LS	Traffic Control	\$400.00	\$400.00	\$250.00	\$250.00
1-7	170	LF	Sawing Existing Pavement	\$1.00	\$170.00	\$1.14	\$193.80
Total for Alternate No. 1				\$	19,403.00	\$	20,559.95

2013 Asphalt Resurfacing

#13001

ITEM	QUANTITY	UNIT	DESCRIPTION	NEA		MCC	
				PRICE	TOTAL	PRICE	TOTAL
2-1	25	C.Y.	Excavation, Filling & Compaction	\$14.60	\$365.00	\$11.28	\$282.00
2-2	175	TON	Crushed Aggregate Base Course/Shouldering	\$14.00	\$2,450.00	\$14.00	\$2,450.00
2-3	235	GAL	Asphaltic Material or Tack Coat	\$2.00	\$470.00	\$2.00	\$470.00
2-4	620	TON	Asphaltic E mix lower layer	\$48.50	\$30,070.00	\$54.45	\$33,759.00
2-5	350	TON	Asphaltic E mix upper layer	\$53.50	\$18,725.00	\$56.99	\$19,946.50
2-6	1	L.S.	Traffic Control	\$900.00	\$900.00	\$450.00	\$450.00
2-7	365	L.F.	Sawing Existing Pavement	\$1.00	\$365.00	\$0.86	\$313.90
2-8	4,655	S.Y.	Pulverizing Existing Asphalt & CABC	\$0.32	\$1,489.60	\$0.54	\$2,513.70
2-9	10	HR	Erosion Control Maintenance Personnel (as ordered)	\$60.00	\$600.00	\$60.00	\$600.00
2-10	10	HR	Erosion Control Maintenance Equipment (as ordered)	\$75.00	\$750.00	\$75.00	\$750.00
2-11	2,565	S.F.	6" Concrete Driveway	\$5.70	\$14,620.50	\$5.70	\$14,620.50
Total for Alternate No. 2				\$	70,805.10	\$	76,155.60

2013 Asphalt Resurfacing

#13001

ITEM	QUANTITY	UNIT	DESCRIPTION	NEA		MCC	
				PRICE	TOTAL	PRICE	TOTAL
3-1	25	C.Y.	Excavation, Filling & Compaction	\$14.60	\$365.00	\$8.15	\$203.75
3-2	190	TON	Crushed Aggregate Base Course/Shouldering	\$14.00	\$2,660.00	\$14.00	\$2,660.00
3-3	205	GAL	Asphaltic Material or Tack Coat	\$2.00	\$410.00	\$2.00	\$410.00
3-4	600	TON	Asphaltic E mix lower layer	\$46.10	\$27,660.00	\$55.89	\$33,534.00
3-5	350	TON	Asphaltic E mix upper layer	\$49.00	\$17,150.00	\$55.15	\$19,302.50
3-6	1	L.S.	Traffic Control	\$2,820.00	\$2,820.00	\$2,500.00	\$2,500.00
3-7	460	L.F.	Sawing Existing Pavement	\$1.00	\$460.00	\$1.01	\$464.60
3-8	4,070	S.Y.	Pulverizing Existing Asphalt & CABC	\$0.32	\$1,302.40	\$0.54	\$2,197.80
3-9	10	HR	Erosion Control Maintenance Personnel (as ordered)	\$60.00	\$600.00	\$60.00	\$600.00
3-10	10	HR	Erosion Control Maintenance Equipment (as ordered)	\$75.00	\$750.00	\$75.00	\$750.00
Total for Alternate No. 3				\$	54,177.40	\$	62,622.65

2013 Asphalt Resurfacing

#13001

ITEM	QUANTITY	UNIT	DESCRIPTION	NEA		MCC	
				PRICE	TOTAL	PRICE	TOTAL
4-1	25	C.Y.	Excavation, Filling & Compaction	\$14.60	\$365.00	\$9.79	\$244.75
4-2	125	GAL.	Asphaltic Material or Tack Coat	\$2.00	\$250.00	\$2.00	\$250.00
4-3	330	TON	Asphaltic E mix lower layer	\$48.70	\$16,071.00	\$58.94	\$19,450.20
4-4	180	TON	Asphaltic E mix upper layer	\$52.90	\$9,522.00	\$61.80	\$11,124.00
4-5	2	EA.	Adjusting manholes	\$180.00	\$360.00	\$201.77	\$403.54
4-6	1	L.S.	Traffic Control	\$425.00	\$425.00	\$250.00	\$250.00
4-7	70	L.F.	Sawing Existing Pavement	\$1.00	\$70.00	\$1.07	\$74.90
4-8	2450	S.Y.	Pulverizing Existing Asphalt & CABC	\$0.32	\$784.00	\$0.53	\$1,298.50
4-9	10	HR	Erosion Control Maintenance Personnel (as ordered)	\$60.00	\$600.00	\$60.00	\$600.00
4-10	10	HR	Erosion Control Maintenance Equipment (as ordered)	\$75.00	\$750.00	\$75.00	\$750.00
Total for Alternate No. 4				\$	29,197.00	\$	34,445.89

2013 Asphalt Resurfacing

#13001

NEA	MCC
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Total for Schedule No 1-Base Bid	413,691.15	453,399.97
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Total for Alternate 1	19,403.00	20,559.95
Total for Alternate 2	70,805.10	76,155.60
Total for Alternate 3	54,177.40	62,622.65
Total for Alternate 4	29,197.00	34,445.89