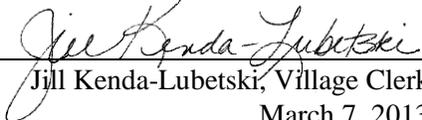


**JOINT MEETING
BROWN DEER SCHOOL DISTRICT
VILLAGE BOARD
Tuesday, March 12, 2013, 6:00 P.M.
Brown Deer School District Administrative Offices
8200 North 60th Street**



PLEASE TAKE NOTICE that a joint meeting of the Brown Deer School District and the Village Board will be held at the Brown Deer School District Administrative Offices, 8200 North 60th Street, Brown Deer, Wisconsin at the above noted time and date, at which the following items of business will be discussed and possibly acted upon:

- I. Roll Call
- II. Persons Desiring to be Heard
- III. New Business Items
 - A) Finalization of the Dean Road Street and Sidewalk Design
 - B) Other Shared Services/Matters
 - C) Schedule Next Meeting
- IV. Adjournment



Jill Kenda-Lubetski, Village Clerk
March 7, 2013

PERSONS REQUIRING SPECIAL ACCOMMODATIONS FOR ATTENDANCE AT THE MEETING SHOULD CONTACT THE VILLAGE CLERK AT LEAST ONE BUSINESS DAY PRIOR TO THE MEETING.



REQUEST FOR CONSIDERATION

COMMITTEE CONSIDERATION: Village/School Board
ITEM DESCRIPTION: Selecting Design Option for Dean Road Sidewalks
PREPARED BY: Nathaniel Piotrowski, Community Development Director 
REPORT DATE: March 6th, 2013
MANAGER'S REVIEW/COMMENTS: <input type="checkbox"/> No additional comments to this report. <input type="checkbox"/> See additional comments attached.

BACKGROUND INFORMATION:

Prior to working with Ayres to finalize construction plans for Dean Road, Staff is seeking the Village and School Board's direction as to what sidewalk design option is preferred. As you may recall there were four different options that were presented initially, however, based on grant funding, feedback to date and Village Board direction this has been narrowed down to the two options (full plan details and costs estimates are included in the packet).

- Option 1** - Sidewalk on the south side of W. Dean Road from N. 55th Street to N. Teutonia Avenue.
- Option 2** - Sidewalk on the north side of W. Dean Road from N. 55th Street to N. 46th Street and sidewalk on the east side of W. Dean Road from N. Meadowside Court to N. Teutonia Avenue.

General "pros and cons" of each option are as follows:

Option 1

Pros: Provides a direct route to/from School Campus (i.e. same side)
Provides shorter crossing at 51st Street
Provides sidewalk adjacent to higher population density

Cons: Most expensive option
Requires more ditch regrading
Impacts more properties (tree, shrub removal)

Option 2

Pros: Less costly option
Impacts far fewer properties
Matches into existing Meadowside sidewalk/path

Cons: Does not line up directly with school campus/ must cross Dean to get to campus
Still requires some ditch regrading and tree, shrub removal

Following a February meeting with the Village Board where this item was presented Staff was directed to answer the following questions:

Can the grant funding be allocated to either Option? Yes, although a scope change request will be needed if Option 2 is selected. The request is fairly routine.

Will residents have to pay for culvert work? Culvert and drive costs would be assessed much like a re-ditching project. However both design options are set up to avoid impacting most driveways or ditches (except two properties under Option 2).

How much will the School District save in terms of busing? How much will the District have to pay for crossing guards? The School District and Police Department will address these questions at the meeting.

Can the sidewalk on the south side be placed closer to the road instead of behind the ditch between 51st and 55th Street? Yes, however such a flip flop may cause issue with drainage flowing across the walk. Also a more southerly ditch would still impact some trees, shrubs etc.

A powerpoint presentation will be given at the meeting to quickly highlight the Options and general questions.

RECOMMENDATION:

Both options achieve significant improvements for pedestrians and meet the requirements of the Safe Routes to School grant however after additional work with the design consultant Option 2 (north side sidewalk) presents more advantages.

Please contact Nate Piotrowski with any questions or comments at 371-3061.

Dean Road Design Joint Village/School Board Meeting

March 12, 2012



Scope of Dean Road 2013

construction?

- **Mill base and relay new asphalt from 46th Street to 55th Street.**
 - The roadway from 46th Street to 55th Street is rated “poor” in the Wisconsin DOT PASER ratings necessitating replacement

 - **Narrow roadway from 36 feet wide to a standard 24 foot width from N. 46th Street to N. 51st Street**
 - Dean Road is extra wide and over engineered for the amount of vehicles it currently carries: approximately 2100 vehicles per day (Wisconsin DOT 2010)

 - **Add curb and gutter section to curve adjacent to Southbranch Creek and Teutonia Avenue.**
 - Enhance safety for vehicles to prevent accidents into the Creek. Help control stormwater runoff to the Creek

 - **Inclusion of sidewalk to enhance pedestrian safety and connect to other sidewalks near the School Campus or Oak Leaf Trail.**
 - School District with Village support received a Wisconsin Safe Routes to School grant totaling \$216,840 for sidewalk related funding (\$196,840 for construction)
-

Sidewalks –Decision Needed

- **Option 1** – Sidewalk on the south side of W. Dean Road from N. 55th Street to N. Teutonia Avenue.
- **Option 2** – Sidewalk on the north side of W. Dean Road from N. 55th Street to N. 46th Street and sidewalk on the east side of W. Dean Road from N. Meadowside Court to N. Teutonia Avenue.
(There is existing sidewalk on the north side of W. Dean Road between N. 46th Street and N. Meadowside Court)

Feedback to Date:

Public Meeting Survey

Option 1: 17 (61%)

Option 2: 6 (21%)

Option 3: 2 (7%)

Option 4: 3 (11%)

Online Survey

Option 1: 43 (25%)

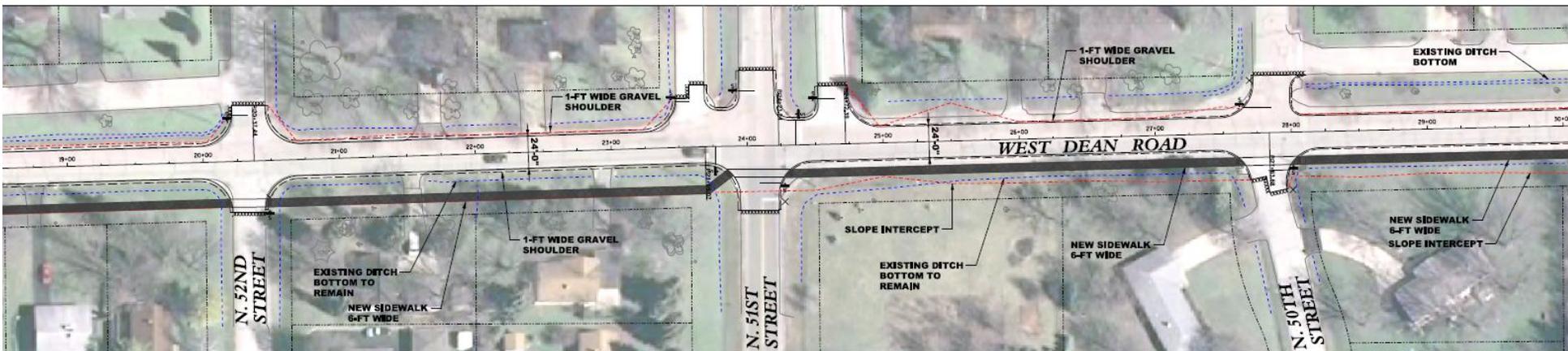
Option 2: 78 (45%)

Option 3: 17 (10%)

Option 4: 36 (21%)

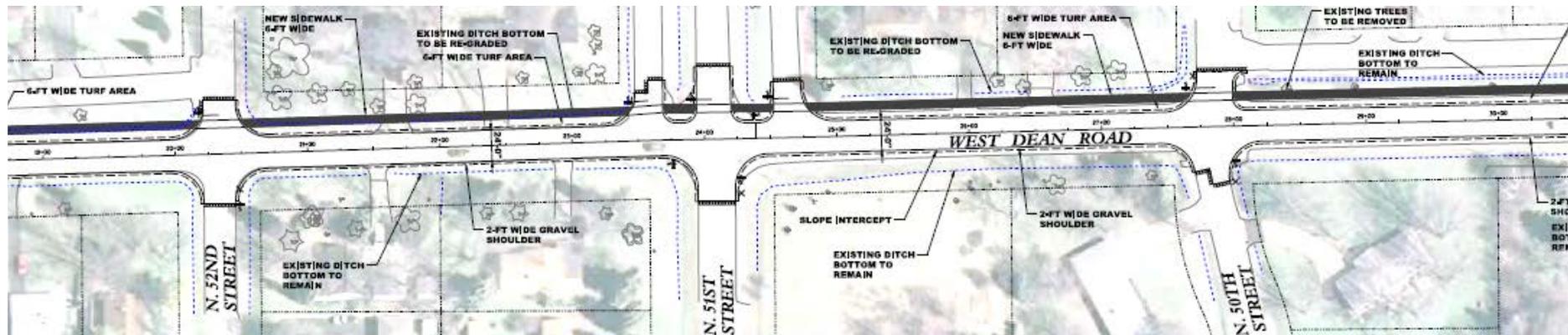
Option 1

Option 1 – Sidewalk on the south side of W. Dean Road from N. 55th Street to N. Teutonia Avenue. Total estimated cost: **\$565,608**



Option 2

Option 2 – Sidewalk on the north side of W. Dean Road from N. 55th Street to N. 46th Street and sidewalk on the east side of W. Dean Road from N. Meadowside Court to N. Teutonia Avenue. (There is existing sidewalk on the north side of W. Dean Road between N. 46th Street and N. Meadowside Court). Total estimated cost: **\$509,856**



Future Timetable

- **Complete construction design documents** (Apr.– Jun. 2013)
 - **Wisconsin DOT review and approval** (Jun. 2013 - ??)
 - **Advertise project for bid** (Jan. 2014 – Feb. 2014)
 - **Award contract** (Apr. 2014)
 - **Begin Construction** (Jun. 2014)
-

Other Questions

- **Will this cost private property owners?**

- At this point there will be no additional cost to private property owners for repaving or sidewalk construction, however there may be a couple of properties assessed for new culverts or drive approaches

- **Will access be prohibited during construction?**

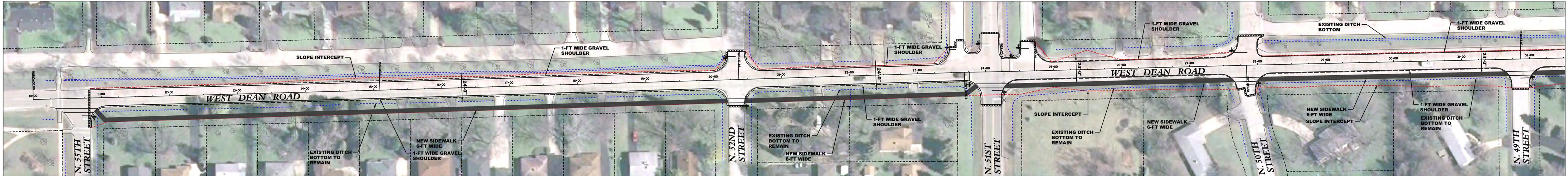
- No. The Village and construction contractor will work to conduct construction to maintain access throughout the project. There may be times where certain portions of property will be blocked and we will coordinate access with owners

- **Who will maintain the sidewalk?**

- The Village will remove snow and maintain/repair the sidewalk

- **How long will construction last?**

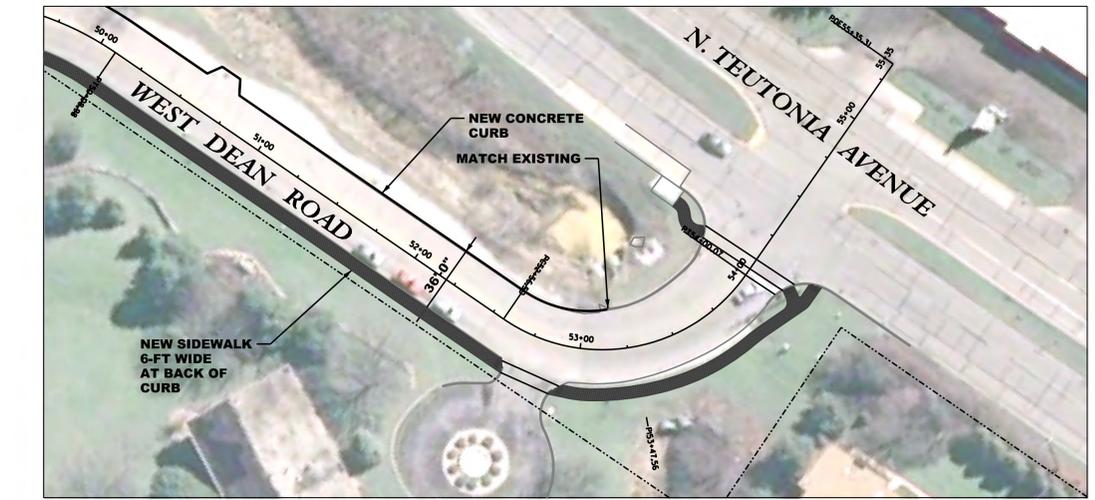
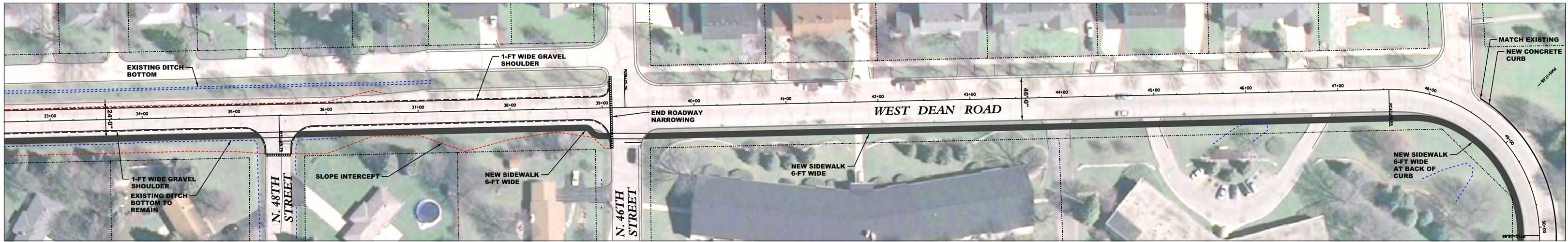
- 2 to 3 months



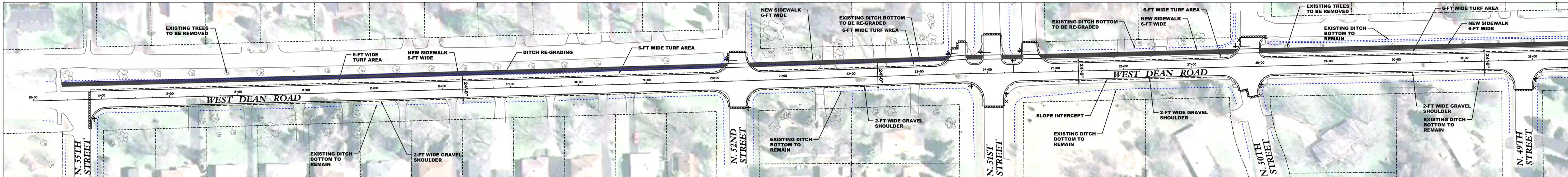
OPTION 1
 SIDEWALK ON THE SOUTH SIDE OF DEAN ROAD
 FROM N. 55TH STREET TO N. TEUTONIA AVENUE

VILLAGE OF BROWN DEER
 WEST DEAN ROAD RECONSTRUCTION PROJECT
 NORTH 55TH STREET TO NORTH TEUTONIA AVENUE

NOTE:
 1. ROADWAY NARROWING
 BEGINS STA 24+25
 ENDS STA 39+00



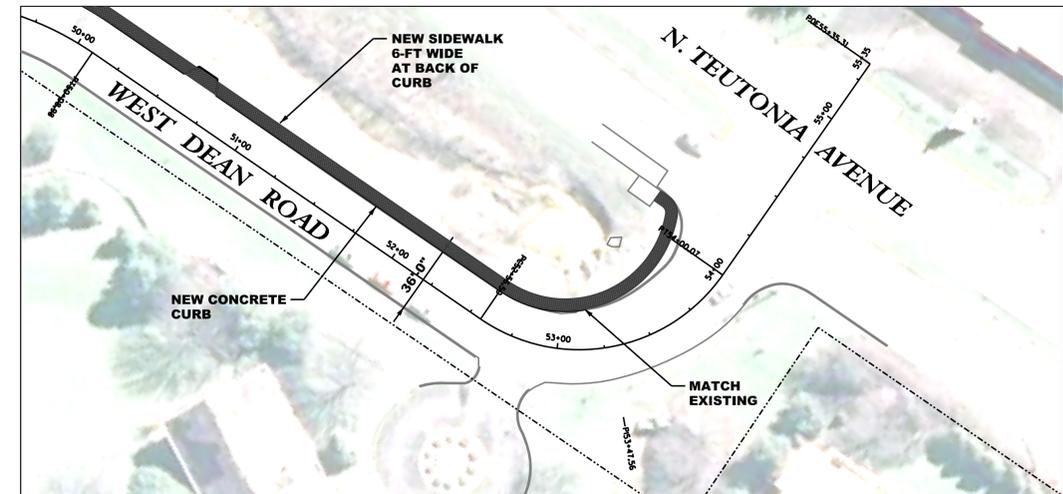
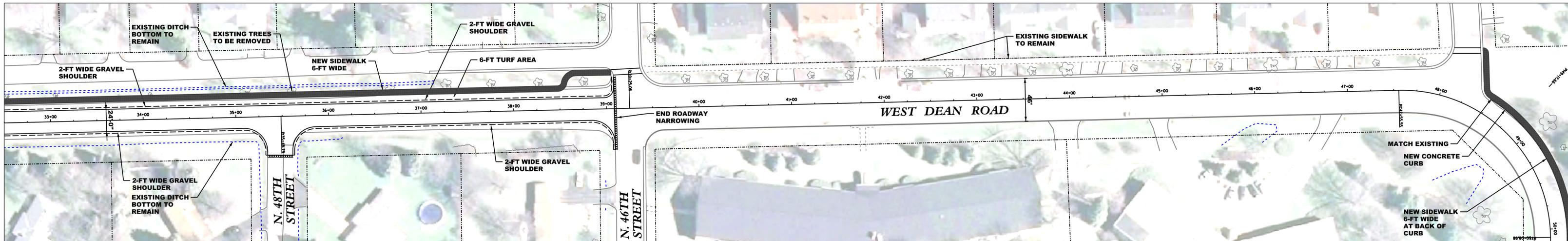
Village of Brown Deer Dean Road Reconstruction Option 1 - Sidewalk on South Side of Dean Rd from N. 55th St to N. Teutonia Ave REVISED 03/07/2013 ENGINEER'S OPINION OF COST						
AYRES ESTIMATE						
Item No.	Description	UNIT	Approx. Quantity	Est. Unit Price	Total Price	
Misc. Items						
1	Mobilization	LS	1	\$50,000.00	\$50,000.00	
2	Site Preparation (includes removals)	LS	1	\$10,000.00	\$10,000.00	
3	Traffic Control	LS	1	\$10,000.00	\$10,000.00	
4	Turf Replacement & Restoration	LS	1	\$10,000.00	\$10,000.00	
Erosion Control Items						
5	Silt Fence	LF	1,000	\$2.00	\$2,000.00	
6	Erosion Bales	LF	100	\$5.00	\$500.00	
7	Sediment Logs	LF	100	\$5.00	\$500.00	
8	Inlet Protection Type C (Inlets)	EA	15	\$50.00	\$750.00	
9	Inlet Protection Type B (Manholes)	EA	1	\$50.00	\$50.00	
Roadway Construction Items						
10	5" Thick Concrete Sidewalk	SF	25,000	\$4.00	\$100,000.00	
11	7" Thick Concrete Sidewalk at Driveways	SF	1,500	\$5.00	\$7,500.00	
12	Ditch Re-Grading	LF	3,000	\$10.00	\$30,000.00	
13	12" HDPE (driveway culverts)	LF	250	\$45.00	\$11,250.00	
14	24" HDPE (roadway culverts)	LF	300	\$50.00	\$15,000.00	
15	Pulverize & Re-Shape	SY	19,000	\$3.00	\$57,000.00	
16	2" Asphaltic Concrete Paving Binder Course	TON	650	\$50.00	\$32,500.00	
17	2" Asphaltic Concrete Paving Surface Course	TON	650	\$60.00	\$39,000.00	
18	30" Concrete Curb & Gutter	LF	500	\$12.00	\$6,000.00	
19	Detectable Warning Field (Yellow)	EA	32	\$250.00	\$8,000.00	
20	Sign Installation (Reflective Type II)	SF	30	\$50.00	\$1,500.00	
21	Sign Post Installation	EA	10	\$100.00	\$1,000.00	
22	Pavement Sawing	LF	1,000	\$1.00	\$1,000.00	
23	Driveway Replacement (2" Asphalt)	SY	100	\$40.00	\$4,000.00	
24	Driveway Replacement (7" Concrete)	SY	30	\$15.00	\$450.00	
25	Mailbox Relocation & Reinstallation	EA	16	\$250.00	\$4,000.00	
26	Water Valve & Box Adjustments	EA	20	\$200.00	\$4,000.00	
Storm Sewer Items						
27	Nyloplast Catch Basin	EA	4	\$2,500.00	\$10,000.00	
28	Catch Basin Casting	EA	4	\$500.00	\$2,000.00	
29	12" HDPE Storm Sewer Pipe	LF	300	\$40.00	\$12,000.00	
30	Remove Existing Storm Sewer Pipe	LF	300	\$20.00	\$6,000.00	
31	Remove Existing Storm Sewer Structure	EA	4	\$500.00	\$2,000.00	
32	Connect to Existing Storm Sewer Structure	EA	3	\$500.00	\$1,500.00	
Pavement Marking Items						
33	Pavement Marking 6-inch Epoxy White (Cross Walk Lines)	LF	800	\$3.00	\$2,400.00	
34	Pavement Marking 12-inch Epoxy White (Stop Bar)	LF	160	\$4.00	\$640.00	
35	Pavement Marking 4-inch Yellow Centerline (Skips)	LF	4,400	\$2.00	\$8,800.00	
Construction Management						
36	On-Site Construction Management	LS	1	\$20,000.00	\$20,000.00	
SUBTOTAL					\$471,340.00	\$471,340.00
Contingency					\$94,268.00	20%
TOTAL					\$565,608.00	



OPTION 2
 SIDEWALK ON THE NORTH SIDE OF DEAN ROAD
 FROM N. 55TH STREET TO N. TEUTONIA AVENUE

VILLAGE OF BROWN DEER
 WEST DEAN ROAD RECONSTRUCTION PROJECT
 NORTH 55TH STREET TO NORTH TEUTONIA AVENUE

- NOTE:**
1. ROADWAY NARROWING BEGINS STA 24+25 ENDS STA 39+00
 2. NEW 6-FT SIDEWALK IS 8-FT FROM THE EDGE OF NEW ASPHALT AND 6-FT FROM THE EDGE OF THE NEW 2-FT GRAVEL SHOULDER



Village of Brown Deer
Dean Road Reconstruction
Option 2 - Sidewalk on North Side of Dean Rd from N. 55th St to N. Teutonia Ave
REVISED 03/07/2013
ENGINEER'S OPINION OF COST



						AYRES ESTIMATE
Item No.	Description	UNIT	Approx. Quantity	Est. Unit Price	Total Price	
Misc. Items						\$80,000.00
1	Mobilization	LS	1	\$50,000.00	\$50,000.00	
2	Site Preparation (includes removals)	LS	1	\$10,000.00	\$10,000.00	
3	Traffic Control	LS	1	\$10,000.00	\$10,000.00	
4	Turf Replacement & Restoration	LS	1	\$10,000.00	\$10,000.00	
Erosion Control Items						\$3,800.00
5	Silt Fence	LF	1,000	\$2.00	\$2,000.00	
6	Erosion Bales	LF	100	\$5.00	\$500.00	
7	Sediment Logs	LF	100	\$5.00	\$500.00	
8	Inlet Protection Type C (Inlets)	EA	15	\$50.00	\$750.00	
9	Inlet Protection Type B (Manholes)	EA	1	\$50.00	\$50.00	
Roadway Construction Items						\$275,740.00
10	5" Thick Concrete Sidewalk	SF	20,010	\$4.00	\$80,040.00	
11	7" Thick Concrete Sidewalk at Driveways	SF	550	\$5.00	\$2,750.00	
12	Ditch Re-Grading	LF	3,000	\$10.00	\$30,000.00	
13	12" HDPE (driveway culverts)	LF	100	\$45.00	\$4,500.00	
14	24" HDPE (roadway culverts)	LF	0	\$50.00	\$0.00	
15	Pulverize & Re-Shape	SY	19,000	\$3.00	\$57,000.00	
16	2" Asphaltic Concrete Paving Binder Course	TON	650	\$50.00	\$32,500.00	
17	2" Asphaltic Concrete Paving Surface Course	TON	650	\$60.00	\$39,000.00	
18	30" Concrete Curb & Gutter	LF	500	\$12.00	\$6,000.00	
19	Detectable Warning Field (Yellow)	EA	32	\$250.00	\$8,000.00	
20	Sign Installation (Reflective Type II)	SF	30	\$50.00	\$1,500.00	
21	Sign Post Installation	EA	10	\$100.00	\$1,000.00	
22	Pavement Sawing	LF	1,000	\$1.00	\$1,000.00	
23	Driveway Replacement (2" Asphalt)	SY	100	\$40.00	\$4,000.00	
24	Driveway Replacement (7" Concrete)	SY	30	\$15.00	\$450.00	
25	Mailbox Relocation & Reinstallation	EA	16	\$250.00	\$4,000.00	
26	Water Valve & Box Adjustments	EA	20	\$200.00	\$4,000.00	
Storm Sewer Items						\$33,500.00
27	Nyloplast Catch Basin	EA	4	\$2,500.00	\$10,000.00	
28	Catch Basin Casting	EA	4	\$500.00	\$2,000.00	
29	12" HDPE Storm Sewer Pipe	LF	300	\$40.00	\$12,000.00	
30	Remove Existing Storm Sewer Pipe	LF	300	\$20.00	\$6,000.00	
31	Remove Existing Storm Sewer Structure	EA	4	\$500.00	\$2,000.00	
32	Connect to Existing Storm Sewer Structure	EA	3	\$500.00	\$1,500.00	
Pavement Marking Items						\$11,840.00
33	Pavement Marking 6-inch Epoxy White (Cross Walk Lines)	LF	800	\$3.00	\$2,400.00	
34	Pavement Marking 12-inch Epoxy White (Stop Bar)	LF	160	\$4.00	\$640.00	
35	Pavement Marking 4-inch Yellow Centerline (Skips)	LF	4,400	\$2.00	\$8,800.00	
Construction Management						\$20,000.00
36	On-Site Construction Management	LS	1	\$20,000.00	\$20,000.00	
SUBTOTAL					\$424,880.00	\$424,880.00
Contingency					\$84,976.00	20%
TOTAL					\$509,856.00	