VILLAGE OF ALLOU

Allouez Village Hall • 1900 Libal Street • Green Bay, Wisconsin 54301-2453 Can be refined through final Phone No.: (920) 448-2800 • Fax No.: (920) 448-2850 design

#3: Decision on approximate CSS budget above \$300,000 from WisDOT and general concepts from village sooner than later (September 2015). Overall design of CSS items can be refined through final design.

Department of Public Works

RIVERSIDE DRIVE PROJECT DESIGN QUESTIONS

The following are questions to decide regarding the project.

Decision needed: July 21st Confirm sidewalk locations along Riverside Drive. See the map of the sidewalks included. East side full length of Riverside Drive. West side is between Allouez Avenue and north of St. Joseph Street.

Decision needed: July 21st Include bike lanes (4 ft wide) in project. The state budget funding may impact this decision. If bike lanes remain in project this helps lower vehicle speeds. If bike lanes deleted roadway will probably stay the same width.

- 3. Decide on Community Sensitive Solutions (CSS) options for the roadway on the attached cost spreadsheet. This includes highway median landscaping, tree planting, lighting, and sidewalk treatments.
- 4. Option of pedestrian crosswalk at St. Joseph Street to improve connection to the west side sidewalk and businesses.

Decision needed: July 21st Option of pedestrian crosswalk at Lazarre Avenue. The signalized crosswalk at Hwy 172 is close and is a safer crossing. The median that would be used for an additional crosswalk is south of Lazarre and closer to the signalized crossing.

- 6. Further consideration of installation of flashing lights or other traffic controls at selected pedestrian crossings. Allouez must request and fund the flashing lights.
- 7. Future Village efforts to provide Fox River trail access points via hard surface walkways as funds may be available.
- 8. Connect the existing St. Joseph Street sidewalk to the Riverside Drive east sidewalk as funds may be available. 4

#7 & #8: Village items that don't have direct impacts to WisDOT project. Keep WisDOT project team updated on decisions in case further coordination w/ project is needed.

intersection set up for a future signal at this location? That would impact R/W more than adding the cut through. Decision by September 2015.

#4: Does the village want the

#6: Decision on crosswalks by Fall 2015 so they can be incorporated into final design and plat if any additional R/E is needed.

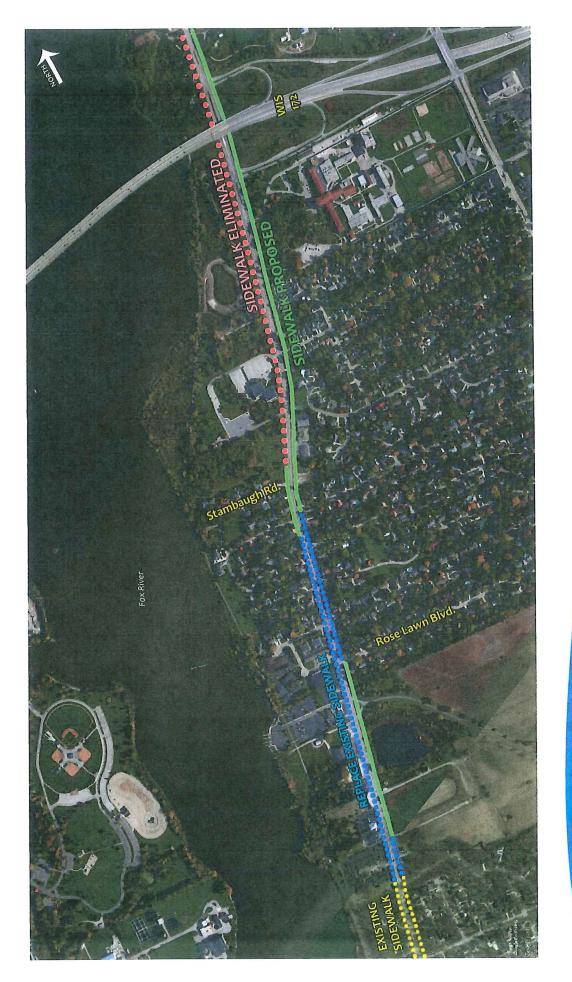
VILLAGE OF ALLOUEZ

Allouez Village Hall 。 1900 Libal Street 。 Green Bay, Wisconsin 54301-2453 Phone No.: (920) 448-2800 。 Fax No.: (920) 448-2850

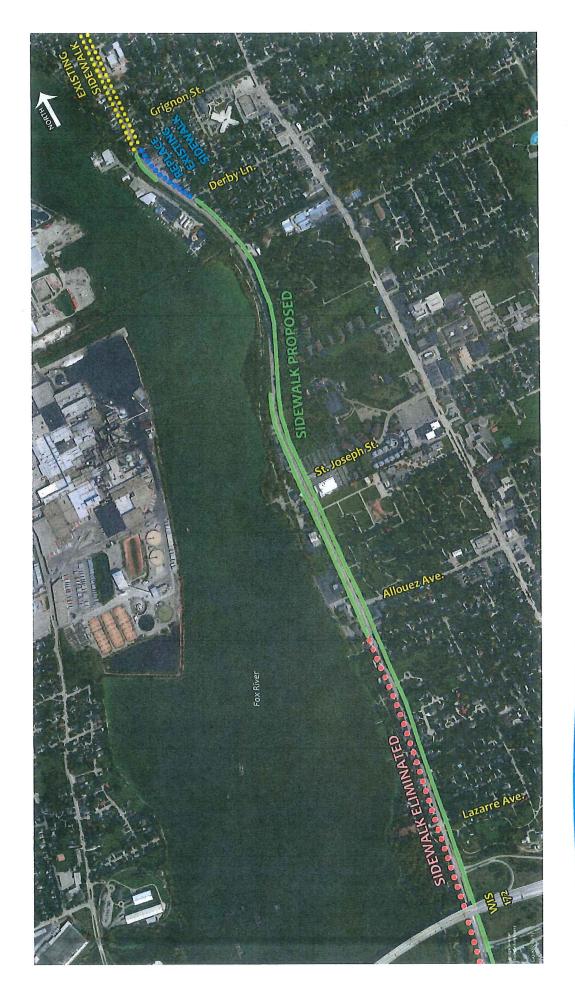
Department of Public Works

RIVERSIDE DRIVE PROJECT DESIGN QUESTIONS The following are questions to decide regarding the project.

- 1. Confirm sidewalk locations along Riverside Drive. See the map of the sidewalks included. East side full length of Riverside Drive. West side is between Allouez Avenue and north of St. Joseph Street.
- 2. Include bike lanes (4 ft wide) in project. The state budget funding may impact this decision. If bike lanes remain in project this helps lower vehicle speeds. If bike lanes deleted roadway will probably stay the same width.
- 3. Decide on Community Sensitive Solutions (CSS) options for the roadway on the attached cost spreadsheet. This includes highway median landscaping, tree planting, lighting, and sidewalk treatments.
- 4. Option of pedestrian crosswalk at St. Joseph Street to improve connection to the west side sidewalk and businesses.
- 5. Option of pedestrian crosswalk at Lazarre Avenue. The signalized crosswalk at Hwy 172 is close and is a safer crossing. The median that would be used for an additional crosswalk is south of Lazarre and closer to the signalized crossing.
- 6. Further consideration of installation of flashing lights or other traffic controls at selected pedestrian crossings. Allouez must request and fund the flashing lights.
- 7. Future Village efforts to provide Fox River trail access points via hard surface walkways as funds may be available.
- 8. Connect the existing St. Joseph Street sidewalk to the Riverside Drive east sidewalk as funds may be available. 4

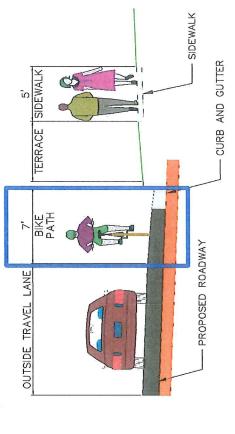






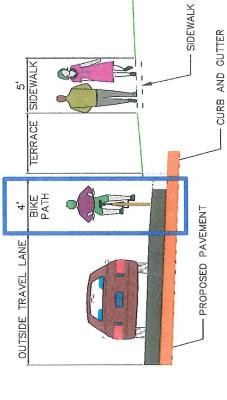


Bicycle Accommodations October 8, 2014



Before

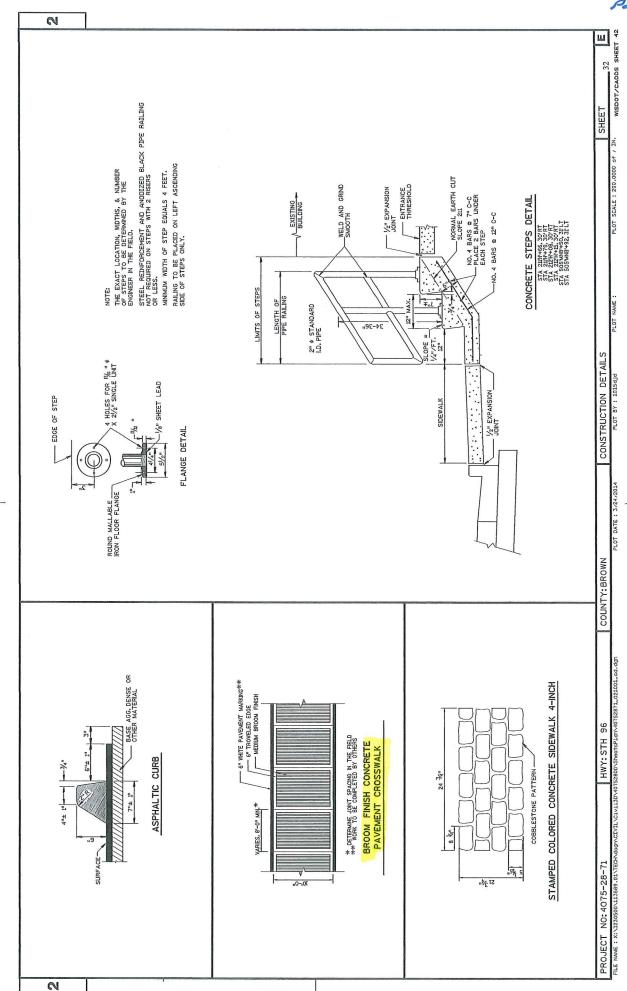
Bicycle Accommodations June 17, 2015







Option 5 (Best Option) \$7,500 Must do for safety Sec page 5. r 6. n/a \$10,000	No charge \$7,500 Accents the medians-enhances safety. Sec perge 9. Optional-requires sealing to reduce salt.	No charge Lawn reduces village cost. Scく つっかん /・・・	\$25,000 Enhances landscaping. \$50,000 Costs could be lower. Provide at Hwy 172, Allouez, St. Joseph. \$82,500 Median enhancement costs.	\$3,750 Enhances landscaping. \$2,500 Borders behind sidewalk at slopes	n/a \$48,000 Commercial area is enhanced. Sec perpes 11 + 12. \$54,250 Sidewalk costs.	\$50,000 Budget for this cost. Sec person 13 +1%.	\$175,000 WPS lighting best for village. \$150,000 Enhances landscaping in selected village areas.	\$523,500 \$332,400 \$101,100	ססי, דפן כ
Option 4 (Mulched Medians) \$7,500 No charge \$10,000	No charge \$7,500 \$27,000	n/a n/a n/a	1,74 26,500 \$51,750 \$112,750	No charge \$3,750 \$5,000 \$2,500 \$4,750	n/a \$48,000 \$13,500 \$77,500	\$75,000 \$7,500	\$175,000 \$150,000	\$615,250 \$366,000	\$249,25U
Option 3 (Stamped Conc) \$7,500 No charge \$10,000	No charge \$7,500 \$27,000	n/a \$104,000 \$17,250 \$62,000	\$2,000 n/a n/a \$217,750	No charge \$3,750 \$5,000 \$2,500 \$4,750	n/a \$48,000 \$13,500 \$77,500	\$75,000 n/a	\$175,000	\$705,250 \$356,200	\$349,050
Option 2 (Colored Concrete) \$7,500 No charge n/a	No charge \$7,500 n/a	n/a \$104,000 \$17,250	n/a n/a n/a \$128,750	No charge \$3,750 n/a \$2,500 n/a	n/a \$48,000 n/a \$54,250	\$75,000 n/a	\$175,000 \$150,000	\$390,000	\$290,500 η 20% village share.
Option 1 (Plain Conc Median) \$7,500 No charge n/a	No charge n/a n/a	n/a \$104,000 "/a	n/a n/a n/a \$104,000	No charge n/a n/a n/a	n/a \$48,000 n/a \$48,000	\$75,000 n/a	\$175,000 n/a	\$409,500 \$234,500	S175,000 \$175,000 \$200,500 \$200,500 \$290,500 \$290,500 \$290,500 \$20
Pase Case (Grass Medians) \$7,500 No charge n/a	No charge n/a n/a	. 9	n/a n/a n/a No charge	No charge n/a n/a n/a	e) No charge n/a rb and sidewalk) n/a No charge	\$75,000 n/a	\$175,000 n/a	\$257,500	\$175,000 rr the CSS ceiling, elig
RIVERSIDE DRIVE CSS DESIGN OPTIONS Design Options Pedestrian Crosswalks (Grass Red broom conc. \$7, White Stripe (paint) No ch	Highway Medians Narrow Medians Plain concrete Colored concrete Stamping concrete	Wide Highway Medians DOT lawn Conc median Colored concrete	Stamping concrete Mulch Bark (1) Planting Mix (1) Median Subtotals	Residential Sidewalks (East Side) 4" Conc Sidewalk Colored curb Broom finish Colored borders Stamping borders	Commercial Sidewalks (West Side) Terrace lawn Colored concrete Terrace (between curb and sidewalk) Stamping concrete N/a Sidewalks Subtotals No charge	Tree Plantings (1) Deciduous (Blvd) Ornamental (Med) Roadway Lighting (Village Share) Overhead Street Lights	WPS (75 lights) Sidewalk Décor (35)	Total Estimated Cost. CSS Estimated Cost Share	Village Cost Share (1) If total cost is ove



...\40752871 021001_cd.dgn 3/24/2014 1:43:51 PM

Project Corridor

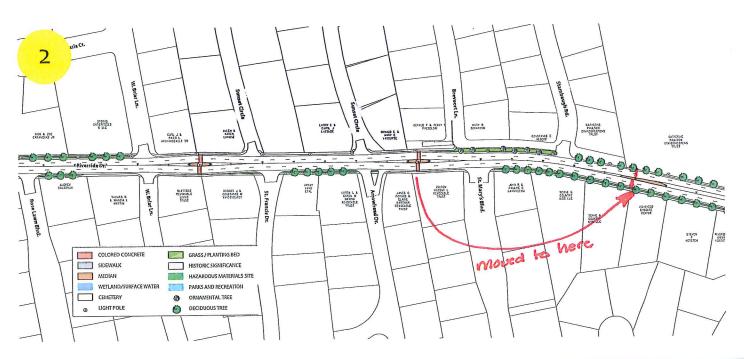
The 3+ mile WIS 57 project corridor is a unique combination of residential, office, and commercial uses, parkland and open space, cemeteries, and historically significant structures and properties.

Specifically, this corridor is capped on each end by National Register historic neighborhoods, contains two historically significant neighborhoods and two historically significant properties, a Historic State Prison, a State Park, and two cemeteries. Each of these resources has an influence on the application of CSS.

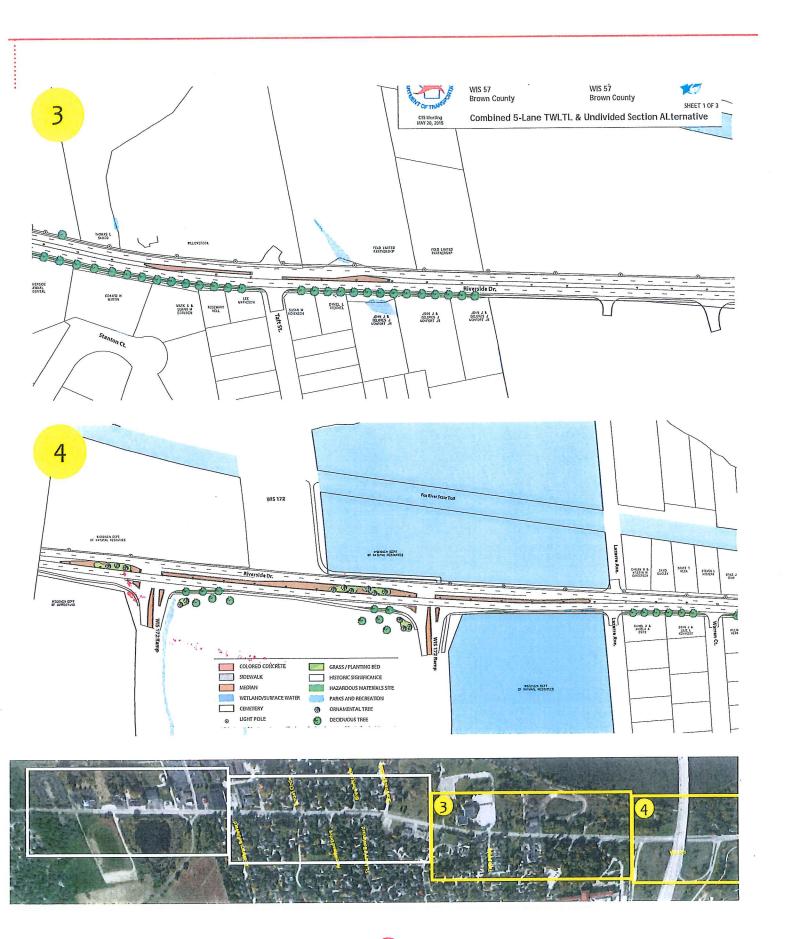
Accommodating both transient corridor users and those that call De Pere and Allouez home presents a challenge for this corridor because CSS applications must maintain corridor safety and efficiency while harmonizing the aesthetic character of the surrounding communities. In this regard, the placement of lighting, trees and other landscaping, and the application of hardscape patterns is intended to strike a balance between long-term community goals, environmental sustainability, and transportation demand.

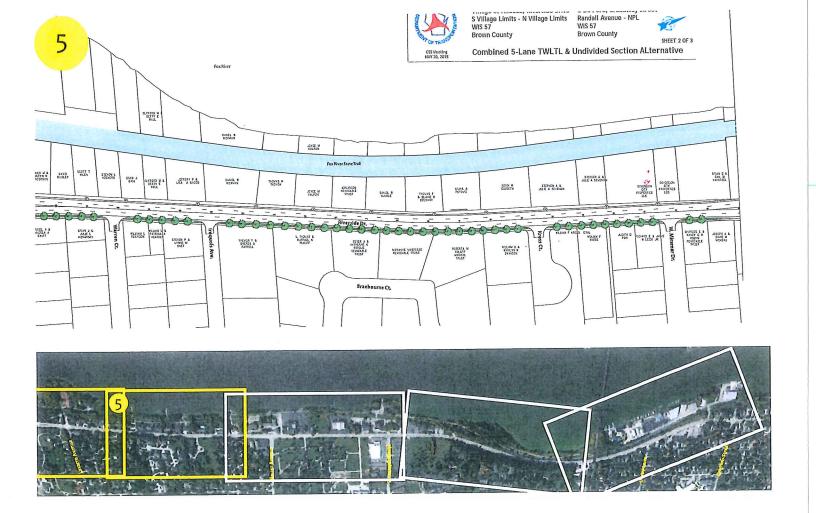


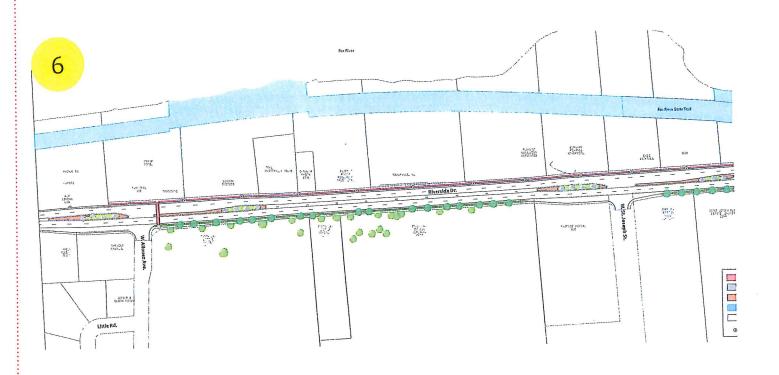
The following eight graphics provide an overview of WIS 57 from south (left) to north (right). Graphic 1 begins on the project's far southern end in the City of De Pere. Graphic 8 ends at the northern project terminus in the Village of Allouez. CSS elements are coded by color or symbol and extend for the length of the project. A graphic key is also provided on the bottom of the next several pages for orientation.



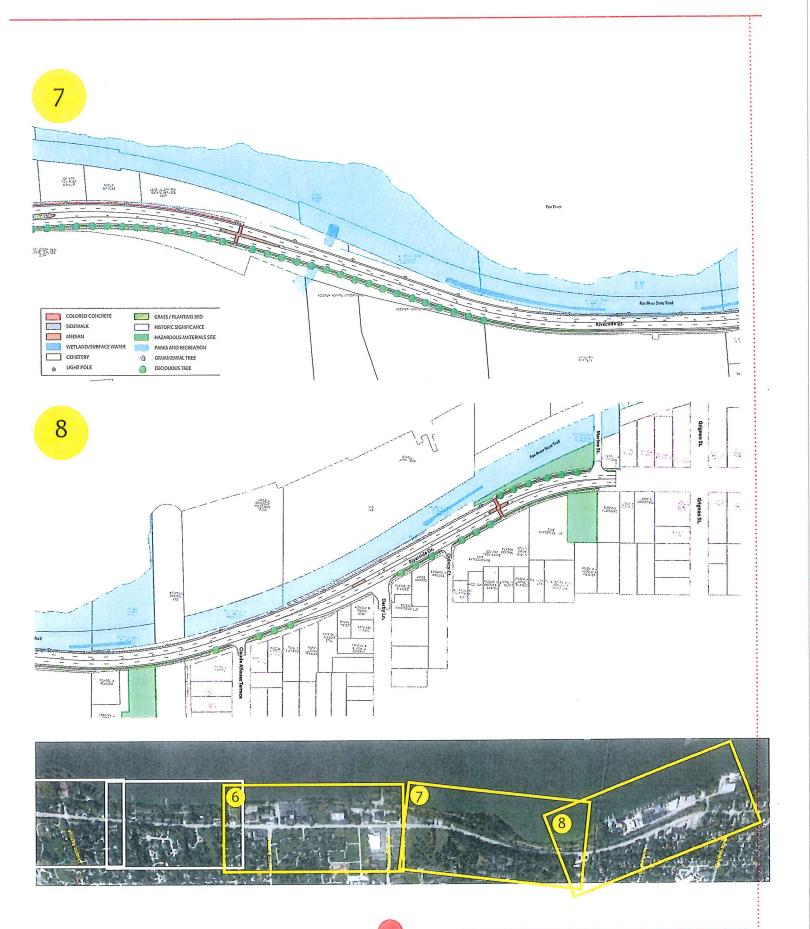






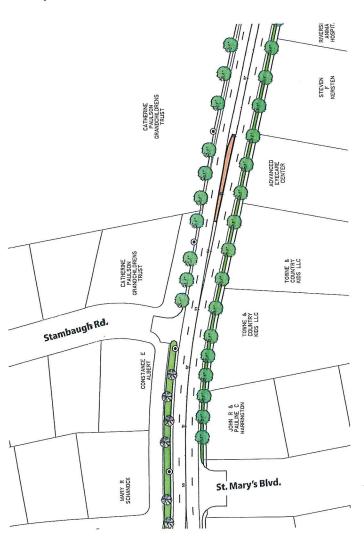






Deciduous Trees

Deciduous Tree spacing will vary depending on the use along WIS 57. Where residential uses abut WIS 57, deciduous trees will be spaced at 40 feet on center. In non-residential areas, deciduous trees will be spaced at 60 feet on center. The intent of this practice is to influence the speed of drivers along the corridor. By providing a roadway edge condition which is more intense in residential areas (less spacing) the cognitive effect of more friction is realized which will lead to driver awareness, and safer conditions for all users of the roadway. An example is seen below.



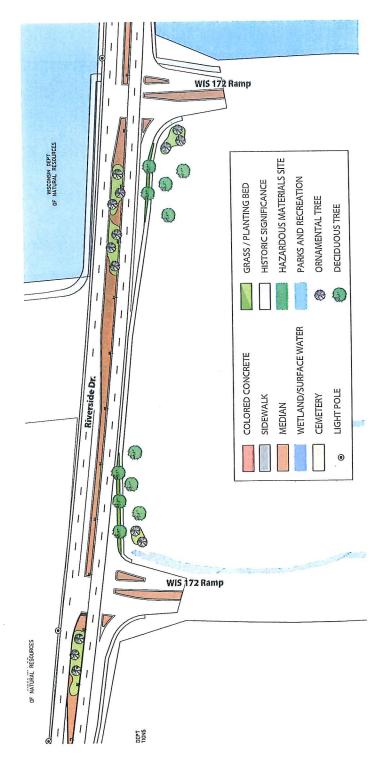
Turkish Filbert



Ornamental Trees

Ornamental trees are smaller and more decorative trees that can be used in planting beds to complement shrubs, perennials, or annuals, or they can be used where planting area width may be limited. Ornamental trees provide year round interest with unique shapes, spring flowers, fruits, and fall colors. Some varieties provide berries or pods and good nesting habitat for wildlife because of their dense, protective foliage.

Along WIS 57, ornamental trees will be best applied in roadway medians, planting beds, and adjacent to some residential areas like Stambaugh Road. The intersection of WIS 57 and WIS 172 will be another application area. Ornamental trees may also be useful for highlighting a gateway and may complement community entrance signs.



Stamped Finish - Medians

Medians along WIS 57 will utilize a stamped finish of either brick or stone pattern. These options are shown at right. The first photo of a brick pattern shows a buff color. The second, stone pattern, is a cream brown color. Median colors will correspond with the finish color of sidewalks, as shown on the following page.

Below, a red brushed finish is illustrated. This red finish is the color to be utilized on crosswalks. The brush finish illustrated here will be applied to sidewalk areas as described on the following page.

Brick Stamped Pattern



Brushed Finish



Stone Stamped Pattern

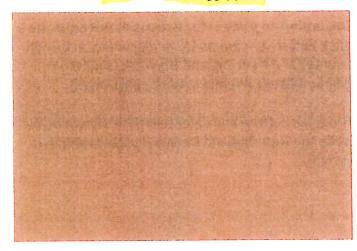


Finish Color

The finish colors to be utilized on sidewalks which exceed 5 feet include either Medium Tan, Gray Green, or Dawn Mist. This will be a brushed finish (shown on the previous page) which differs from the stamped finish used on the medians.

The Red color, shown below, is the color to be used on crosswalks.

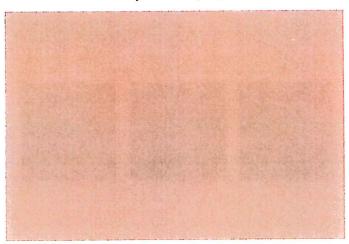
Medium Tan #33446



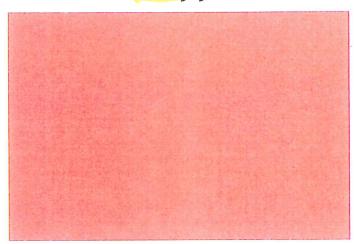
Gray Green #30372



Red #31136



Dawn Mist (Grayish Brown) #36424



Structure Pattern

The preferred pattern for structures will either be a Brick Pattern (found on US 41 elsewhere in Brown County) or a New England Drystack (similar to nearby Allouez Avenue over the East River).

The Brick Pattern and color palette is shown below while the New England Drystack pattern is shown at right.

Brick Pattern

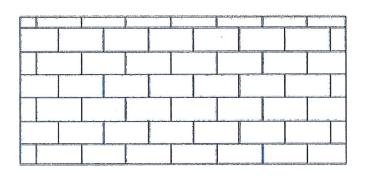


Brick Pattern Color Palette





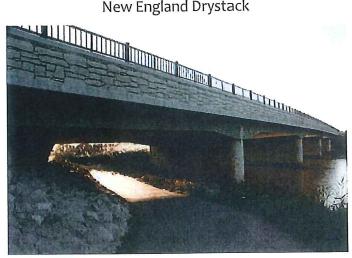




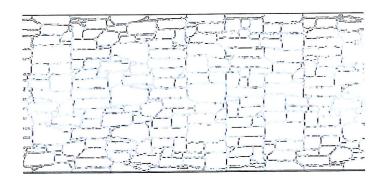
Conceptual application of the Brick Pattern on WIS 57



New England Drystack





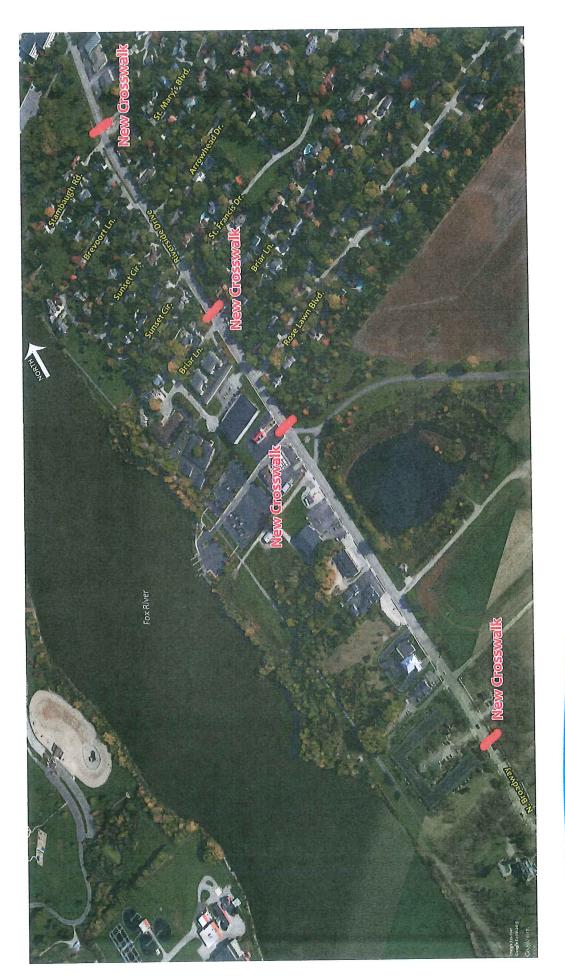




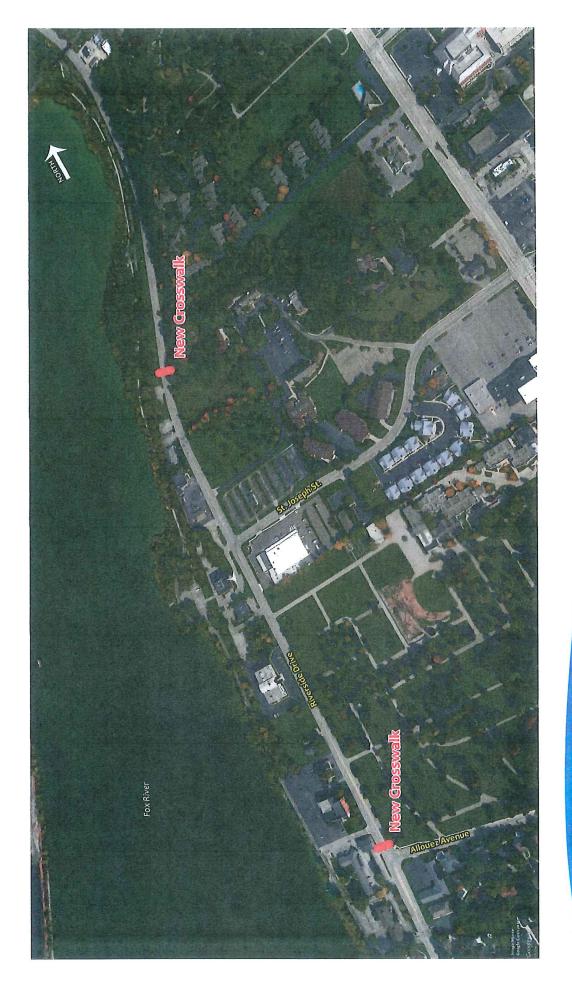


Conceptual application of the Dry Stack Pattern on WIS 57











VILLAGE OF ALLOUEZ

Allouez Village Hall • 1900 Libal Street • Green Bay, Wisconsin 54301-2453 Phone No.: (920) 448-2800 • Fax No.: (920) 448-2850

Department of Public Works

PEDESTRIAN AND BIKING DISCUSSION WisDOT Riverside Drive Project

The following are some pedestrian and biking options that are presented for further information and discussion.

Pedestrian Overpass

A pedestrian overpass (walking bridge with stairs/ramp) is a possible option for pedestrian access across Riverside Drive. The following are some considerations for this option.

- 1. Where would it be located? Is there high pedestrian traffic at a specific point along the route that justifies this structure?
- 2. The construction cost may be from \$500,000 to \$1,000,000 for an overpass. This would be locally funded.
- 3. Pedestrian overpasses are frequently not used if a person can cross the street as a quicker option even if the traffic volume is high.
- 4. Does WisDOT consider a pedestrian overpass a feasible and fundable project?
- 5. WisDOT would not participate in the funding of a pedestrian overpass.
- WisDOT agrees that point #3 above is likely to occur along this corridor; the overpass wouldn't be used as anticipated, peds would still cross at street level (quickest route).
- 7. It is ultimately a municipal decision, but WisDOT hasn't identified any locations where a pedestrian overpass would be needed and/or feasible.

Village Path Forward: If there support from the public for the overpass further development of the concept including need and location should be considered.

Pedestrian Cross-Walks

There are five (5) pedestrian crosswalks proposed for the Riverside Drive project. These include crossings at Sunset Circle, at Taft Street, at Hwy 172 (signalized intersection), at Allouez Avenue (signalized intersection), north of St. Joseph Street near St. Francis Park, and south of Marine Street.

- 1. This is a reasonable number of crossings and good locations. This was a significant request by Allouez residents and has been provided by WisDOT.
- 2. One question regarding the location of the crosswalks is whether one of the Sunset area crosswalks should be relocated closer to Stambaugh Road to provide better access for pedestrians from the residential area northeast of this area.
- WisDOT agrees relocating this proposed crosswalk to the north would be feasible if the village feels it makes more sense for potential use. Potential locations shown in

attachment. Please provide direction from the village so the location can be updated by the June 17 public meeting.

Village Path Forward: Further evaluation of the addition of a crosswalk at St. Joseph Street should be considered. This would connect the Allouez Avenue sidewalk directly to the commercial area on the west side of Riverside Drive. This would seem a good connection for pedestrians to access these businesses.

Village Path Forward: There is also a request for a crosswalk at Lazarre Street due to the amount of pedestrian traffic during Heritage Hill events. This is a crossing to consider, though the Heritage Hill underpass is close by.

- 4. No flashing lights or signals will be installed at this time as the procedure is to construct the crosswalks and then obtain the traffic data to evaluate the need for flashing lights.
 - a. A question for WisDOT is whether it is likely that future addition of signals or flashing lights will be required?
 - b. Would future flashing signals be a fundable project by WisDOT?
- 5. Any flashing lights/beacons, rapid flashing beacons, HAWK signals would be funded by the municipality.
- Any pedestrian activated rapid flashing beacons or HAWK signals would need to be studied and permitted by WisDOT based on pedestrian counts after the project is completed.
- 7. Flashing lights/beacons on pedestrian signs are eligible to be permitted and installed now and/or with the project. This also would be a municipal cost; WisDOT wouldn't participate. At this time signs would be installed with the project at crosswalk locations. At past meetings, the direction may not have been clear as far as what is allowed as most of the questions seemed to have been related to pedestrian activated signals such as the rapid flashing beacons and HAWK systems.

Village Path Forward: Further consideration of flashing lights or other traffic controls should be considered at selected locations because of the concern about safe crossing this busy roadway.

Pedestrian Underpass at Heritage Hill Park

Use of the existing Heritage Hill pedestrian underpass has been a question. This is not included in the project for the following reasons.

- 1. Heritage Hill does not want this underpass opened to the public because it is a controlled access to the park.
- 2. The underpass, because it would be modified and part of a highway project, would need to be modified to be ADA compliant and will require lighting and perhaps other features.
- 3. WisDOT agrees with above reasons. Unless stance of Heritage Hill changes, opening this to the public is not feasible.

Access to Fox River Trail

Additional access to the Fox River trail has been requested by residents.

- 1. There are four potential locations where Fox River trail access might be provided: at the Heritage Hill stormwater pond site, at Lazarre Street, at the north end of the proposed Riverside Drive west side sidewalk to St. Francis Park, and at Marine Street. The village will incur cost to implement these access points.
- 2. Presently there is access to the Fox River Trail at Sunset Park and there will be access via the new Heritage Hill trail.
- The St. Francis Park trail connection requires a sidewalk extension from the end of the Riverside Drive west sidewalk. The village would need to implement this project.
- 4. The stormwater pond area access to the Fox River trail will need to be developed with concurrence from the Brown County Parks Department. A hard surface trail is required.

The reason why substituting the Fox River Trail for sidewalk on Riverside Drive is best explained by WisDOT and is summarized as follows:

- The Fox River Trail is a recreational facility that is not maintained throughout the whole year.
- The Trail requires a fee for bicyclists and in-line skaters.
- Per Trans 75 and Federal policy, WisDOT is required to construct sidewalk adjacent to the roadway unless the exceptions outlined within the law/policy are met.
- WisDOT doesn't discount the importance and usefulness of the trail to the community and the need to provide access to the trail, but it doesn't meet the requirements for bike and pedestrian accommodations along WIS 57.

Village Path Forward: Future village efforts should focus on the trail access projects as funds allow.

Pedestrian Alternatives

If WisDOT funding for sidewalks for the project is not available, the possible alternatives may include a combination of the above options. Possible options include:

- 1. Installing limited areas of sidewalk along the route, and retaining the existing sidewalk on the south end of Riverside Drive. New areas might include limited sidewalk at Allouez Avenue and Marine Street.
- 2. Fox River Trail connections at selected locations, but at village expense.
- WisDOT encourages the inclusion of sidewalks on projects to provide transportation opportunities for all users, therefore funding for sidewalks will always be available.
 Depending on potential changes in guidance in the future, a cost share policy may be implemented (old policy was 80% DOT/20% municipality prior to Trans 75)
- Connections to the Fox River Trail could be incorporated into the project, but WisDOT would require the village to acquire the necessary easements/right-of-way, environmental clearances, and participate 100% in the costs for these connections. WisDOT stance has always deferred these connections to the village, but including the construction of the connections with WisDOT's roadway work could be explored.

Village Path Forward: The village should install the balance of sidewalk on St. Joseph Street to connect to the new sidewalk on Riverside Drive. This can be done in conjunction with the HWY 57 project.

C. Berndt June 19, 2015 4085-38-00 Village of Allouez, Riverside Drive WIS 57 Brown County 3-Jun-15

CSS Costs for the Village of Allouez based on CSS Workshop No.3 exhibits

Coloring & Broom Finish for Crosswalks (Red)

Item	Unit	Ur	it Price	Quantity	T	otal Cost	Comments
Coloring Concrete Red - Crosswalk Areas	CY	\$	56.00	76	\$	4,256.00	
Broom Finished Concrete Pavement Crosswalk	SF	\$	1.11	2730	\$	3,030.30	

\$ 7,286.30

Concrete Material, Coloring, & Broom Finish for Commercial Terrace

Allouez Avenue to St. Francis Park, Left Side (Tan)

Item	Unit	Un	it Price	Quantity	Total Cost	Comments
Coloring Concrete Tan - Commercial Sidewalk Area	CY	\$	45.00	150	\$ 6,750.00	
Broom Finished Concrete Pavement Commercial	SF	\$	1.11	12213	\$ 13,556.43	·
4" Concrete Sidewalk - Commercial Sidewalk Area	SF	\$	3.35	12217	\$ 40,926.95	

\$ 61,233.38

Coloring & Broom Finish for Commercial Borders - DOT Paved (Tan)

Briar Lane to Stambaugh Road, GB Correctional Facility to Lazarre Street (Right Side)

Item	Unit	Ur	nit Price	Quantity	ntity Total Cost		Comments
Commercial Sidewalk Colored Boarders Allouez	CY	\$	45.00	51	\$	2,295.00	
Broom Finished Colored Concrete Boarders	SF	\$	1.11	4176	\$	4,635.36	

\$ 6,930.36

Coloring & Stamping Narrow Concrete Medians - DOT Paved (Tan)

Item	Unit	Ur	nit Price	Quantity	Total Cost	Comments
Coloring Median Concrete- DOT Paved	CY	\$	45.00	167	\$ 7,515.00	
Stamping Median Concrete- DOT Paved	SF	\$	2.00	13460	\$ 26,920.00	

\$ 34,435.00

Concrete Material, Coloring, & Broom Finish for Wide Concrete Medians (Tan) - See note 1

Item	Unit	Ur	it Price	Quantity	Total Cost	Comments
Coloring Median Concrete - Grassy Area	CY	\$	45.00	383	\$ 17,235.00	> 8' Color Only
Stamping Median Concrete - Grassy Area	SF	\$	2.00	30992	\$ 61,984.00	> 8' Stamping Only
4" Concrete Sidewalk - Concrete Median	SF	\$	3.35	30992	\$103,823.20	> 8' Concrete No Color

\$183,042.20

Mulch & Planting Mix for Wide Concrete Medians - See Note 2

Item	Unit	Ur	nit Price	Quantity	Total Cost	Comments
Mulch Shredded Bark Median - Grassy Area	SF	\$	0.85	30992	\$ 26,343.20	>8' Mulching Only
Planting Mix	CY	\$	45.00	1150	\$ 51,750.00	>8' Planting Mix 1 Foot

\$ 78,093.20

Coloring & Broom Finish for Pedestrian Curbs (Tan)

Item	Unit	Uı	nit Price	Quantity	٦	Total Cost	Comments
Colored Pedestrian Curb	CY	\$	45.00	83	\$	3,750.00	
Broom Finished Concrete Pedistrian Curb	SF	\$	1.11	4500	\$	4,995.00	

\$ 8,745.00

Trees Plantings (Number of trees based on CSS Workshop No. 3 exhibits)

Item	Unit	Unit Price	Quantity	Total Cost
Deciduous Trees				
Maple State Street 2.5-Inch Cal	EA	\$ 450.00	191	\$ 85,950.00
Norway Spruce	EA	\$ 425.00		\$ 81,175.00
Green Mountain Sugar Maple	EA	\$ 150.00		\$ 28,650.00
Honey Locust	EA	\$ 320.00		\$ 61,120.00
Frontier Elm	EA	\$ 250.00		\$ 47,750.00
Kentucky Coffeetree Expresso	EA	\$ 480.00		\$ 91,680.00
Maple Armstrong	EA	\$ 430.00		\$ 82,130.00
Maple Sienna Glen	EA	\$ 400.00		\$ 76,400.00

ltem	Unit	Unit Price	Quantity	T	otal Cost
Ornamental Trees			Allouez		Allouez
Crabapple Pink Spire 3" Cal	EA	\$ 225.00	24	\$	5,400.00
American Hornbeam	EA	\$ 320.00		\$	7,680.00
Japanese Tree Lilac 2" Cal	EA	\$ 300.00		\$	7,200.00
Princess Diana Serviceberry	EA	\$ 250.00		\$	6,000.00
Crabapple Prairiefire	EA	\$ 300.00		\$	7,200.00
Malus Golden Raindrops	EA	\$ 280.00		\$	6,720.00

Notes:

- Unit Prices shown are based on bid prices received on similar projects with similar quantities. Prices are subject to change.
- 1.) Placement of concrete in wide medians is at the expense of the municipality. Cost is an eligible expense towards CSS funding. The cost as shown represent paving all wide medians along the entire project corridor. Price could be reduced if a portion of the area are replaced with mulch beds or established with grass.
- 2.) Placement of mulch beds in wide medians is at the expense of the municipality. Cost is an eligible expense towards CSS funding. The cost as shown represent placing mulching beds within all wide medians along the entire project corridor. Price could be reduced if a portion of the area are established with grass or could increase if portions of the median area is paved with concrete at the municipalities request.
- 3. Trees/Plantings items are eligible for an 80% DOT/20% Village cost share if the max 3% CSS budget is exceeded (includes planting related items: landscape mulch, planting mix, etc). Concrete related items are not eligible for this 80/20 cost share.