

County of Rock
Public Works Department
Highways
Parks
Airport



3715 Newville Road
Janesville, WI 53545
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www.co.rock.wi.us

PLEASE NOTE LOCATION!

AGENDA

Public Works Committee Meeting
Tuesday, June 23, 2015 – 8:00 a.m.

Southern Wisconsin Regional Airport
Voyager Room
1716 W. Airport Rd.
Janesville, WI 53546

1. Call to Order
2. Approval of Agenda
3. Approval of Minutes of May 26, 2015
4. Citizen Participation, Communications, and Announcements
5. **ACTION ITEMS**
 - a. Airport Accounts Receivables
6. **INFORMATION ITEMS**
 - a. **Project Update**
 - (1) Perimeter Road Update
 - (2) Terminal Building
 - (3) T-hangar and Beacon Re-painting
7. **HIGHWAY BUSINESS**
 - a. Reallocate Funding for 2015 Road construction, Road Project Engineering and Seal Coating Projects
 - b. Approve Resolution Authorizing Federal Aid Project for Bridge Rehabilitation on CTH M at Indianford
 - c. Award Contract for Underwater Dive and Short-span Structure Inspections
 - d. Approve Purchase of Equipment
 - One Eight-foot Tractor Mounted Broom
 - Two Four-ton Trailer Mounted Hot Patchers
 - e. Cancel Vouchers, Approve Bills, Encumbrances/Pre-Approved Encumbrances, Amendments and Transfers
8. Next Meeting Date
9. Adjournment

**Rock County Department of Public Works
Division of Highways – Issue Paper**

ISSUE - Reallocation of County Highway Construction Funds

DISCUSSION - The approved 2015 County Highway Construction Budget includes \$553,000 to pulverize and pave 1.8 miles of CTH F from N. Parker Drive to USH 51. Advanced deterioration has become evident. Further investigation and evaluation regarding this project resulted in a determination that a reconstruction of CTH F is needed, it cannot still be done in 2015 and should be considered for 2016 construction. Instead additional engineering must be done in 2015.

Using a portion of 2014 road construction funds brought forward and this deferred project funding, DPW staff has developed a revised list of projects for 2015. The revised budget authority is now \$3,379,560. The list includes engineering fees for the CTH F project, additional grading for an approved project on CTH H plus two additional projects. They are as follows:

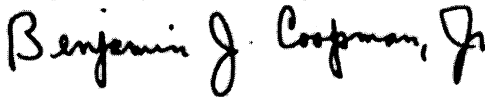
<u>Proposed Project</u>	<u>Est. Cost</u>
• CTH H (USH 14—CTH M) Mill & pave	\$1,381,000*
• CTH Y (Janesville—Milton) Mill & pave	\$ 590,000*
• CTH A (Janesville—Walworth Co.) Engineering	\$ 125,000*
• CTH MM (USH 14—CTH M) Engineering	\$ 125,000*
• CTH Q Rehabilitation (East of Rock River)	\$ 100,000
• CTH T Rehabilitation (STH 81 – Hafeman Rd.)	\$ 390,000
• CTH H Realignment (grading)	\$ 100,000
• CTH F Engineering Services (N. Parker Drive – USH 51)	\$ 75,000
• Soil Boring Analysis (CTH's)	\$ 15,000
	<u>\$2,901,000</u>

*= denotes projects approved in 2015 budget and funding unchanged

The remaining \$478,560 of funding authorization would be retained as a contingency for possible cost increases during the year, but with the intent to apply towards the CTH F reconstruction in 2016.

RECOMMENDATION - Authorize reallocation of spending authority as outlined above.

Respectfully submitted by,



Benjamin J. Coopman, Jr., P.E.
Public Works Director

**RESOLUTION
ROCK COUNTY BOARD OF SUPERVISORS**

Benjamin J. Coopman, Jr.
INITIATED BY



Benjamin J. Coopman, Jr., PE.
DRAFTED BY

Public Works Committee
SUBMITTED BY

June 17, 2015
DATE DRAFTED

**AUTHORIZING FEDERAL AID PROJECT FOR BRIDGE
REHABILITATION ON CTH M AT INDIANFORD**

- 1 **WHEREAS**, the condition of the Bridge (Bridge Number P-53-0016) on County Trunk Highway M
- 2 (CTH M) across the Rock River at Indianford has deteriorated significantly; and,
- 3
- 4 **WHEREAS**, the Department of Public Works (DPW) has applied and been approved for federal aid to
- 5 rehabilitate said bridge.
- 6
- 7 **NOW, THEREFORE, BE IT RESOLVED** that the Rock County Board of Supervisors duly assembled
- 8 this _____ day of _____, 2015 does hereby authorize this bridge rehabilitation project and
- 9 accept the federal aid; and,
- 10
- 11 **BE IT FURTHER RESOLVED** that the current Department of Public Works budget authorization
- 12 includes sufficient funding for the \$8,000 of anticipated local design costs in 2015; and,
- 13
- 14 **BE IT FURTHER RESOLVED** that the Director of Public Works is authorized to execute the related
- 15 project agreements for the project; and,
- 16
- 17 **BE IT FURTHER RESOLVED** that funding for future phases of the project be included in subsequent
- 18 DPW budgets.

15-6B-332

Respectfully submitted,

PUBLIC WORKS COMMITTEE

Betty Jo Bussie, Chair

Brent Fox, Vice-Chair

Eva M. Arnold

Brenton Driscoll

Rick Richard

ADMINISTRATIVE NOTE:

Recommended.

Josh Smith
County Administrator

FISCAL NOTE:

Sufficient funds are available in the DPW Bridge Maintenance account, A/C 41-4300-4324-64900 for the 2015 portion of local design costs. Further design and construction costs will need to be included in future budgets.

Sherry Oja
Finance Director

LEGAL NOTE:

The County Board can accept the Federal Aid pursuant to sec. 59.52(19), Wis. Stats. In addition, the County Board is authorized to take this action pursuant to secs. 59.01, 59.51 and 83.03, Wis. Stats.

Jeffrey S. Kuglitsch
Corporation Counsel

Executive Summary

The Bridge on County Trunk Highway M across the Rock River at Indianford (Bridge Number P-53-0016) has been closely watched for deterioration these past few years. The Department of Public Works has conducted a preliminary feasibility study to rehabilitate the bridge. Based on that study, the Department applied for federal aid to design and rehabilitate the bridge. The application has been approved and proposes 80% federal funding of the design and construction of the bridge.

This resolution authorizes the Department to accept the federal aid and execute the project agreement with the Wisconsin Department of Transportation. Based on the amount of time that will be required to select a design engineering firm and negotiate a contract, it is anticipated that the County will have to pay up to \$8,000 in 2015 for its share of any design fees. There are sufficient funds in the Public Works Federal Aid Account to reallocate that \$8,000 to this project. Remainder of the design and future phase funding will be included in subsequent Department of Public Works budget requests. Total design is estimated at \$270,000. Construction is estimated at \$1,998,000. The County's portions will be \$54,000 and \$399,000, respectively. Construction is planned for 2018.

**Rock County Department of Public Works
Division of Highways – Issue Paper**

ISSUE: Underwater Dive Bridge Inspections & Short Span Structure Inspections

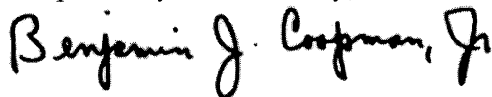
DISCUSSION: Every five (5) years, state and federal law require that all local bridges with a span over 20 feet and an average water depth under the bridge of 48 inches or greater be inspected by underwater diving. The last inspection of these bridges in Rock County occurred in 2010 and therefore needs to be completed in 2015. Rock County Public Works Department acts as the lead agency to select a consulting firm to inspect the county's as well as most local bridges on city, village and town roads in the county. There are 16 underwater dive bridge inspections that are to be done at this time. Of all the bridges, one (1) is under Rock County's jurisdiction.

In 1999 & 2003, there were many County and Town short span structures (bridge spans less than 20 feet) inspected. The County contacted all of the Towns that had short span structure inspections completed in 1999 & 2003 and solicited interest in having these or other short span structures inspected in 2015. We received requests from a number of Towns to have all or some of their structures re-inspected. There are 37 short span structures that are requested for inspection. Of the 37 structures, 15 are under Rock County's jurisdiction.

Three (3) inspection firms capable of completing these inspections were contacted by the Department of Public Works for proposals to perform either or both sets of inspections. Two (2) firms responded with proposals. Underwater Inspectors, LLC. submitted the lowest responsible proposal, and proposed completion of all inspections for \$24,700. The County's portion of that total is \$4,243.24. Funding for this work is included in the current DPW budget.

RECOMMENDATION: approval of award for inspections to Underwater Inspectors, LLC. for \$24,700.

Respectfully submitted by,



Benjamin J. Coopman, Jr., P.E.
Public Works Director

Rock County Department of Public Works
Division of Highways – Issue Paper

ISSUE: Purchase of One (1) Tractor Mounted Broom,

DISCUSSION: This hydraulically driven broom will be mounted to the two wheeled tractor that was purchased earlier this year. This tractor and broom unit will be used on construction projects and accident cleanup.

Specifications were advertised as per the Rock County Purchasing Policies and sent to local Companies. The results are as follows:

<u>Company</u>	<u>Manufacture</u>	<u>Model</u>	<u>Bid Price</u>
Mid-State Equipment	M-B Brooms	HT-8	\$12,925.00

RECOMMENDATIONS: The bid from Mid-State Equipment met all specifications as written and came in at the lowest bid price. I recommend the purchase of the Tractor Mounted Broom at the cost of \$12,925.00.

Respectfully submitted,

Michael Turk

Michael Turk, Rock County DPW Shop Superintendent

Rock County Department of Public Works
Division of Highways – Issue Paper

ISSUE: Purchase of Two (2) Four (4) Ton Trailer Mounted Hot Patchers.

DISCUSSION: These two units will be used to repair pot holes throughout the county. Currently the County uses a cold patch type material to fill in potholes. Using a hot patcher the material will conform to the pot hole making for a more permanent repair.

Specifications were advertised as per the Rock County Purchasing Policies and sent to local Companies. The results are as follows:

<u>Company</u>	<u>Manufacture</u>	<u>Model</u>	<u>Bid Price</u>
Sherwin Ind.	Spalding MFG	4 -T patcher	\$61,724.00 (\$30,862.00 per)

RECOMMENDATIONS: The bid from Sherwin Industries met all specifications as written and came in at the lowest bid price. I recommend the purchase of the two four ton trailer mounted hot patchers at the total cost of \$61,724.00.00.

Respectfully submitted,

Michael Turk

Michael Turk, Rock County DPW Shop Superintendent