



Meeting: Village Board
Meeting Date: 6/11/12
Agenda Item: 7d

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

VILLAGE BOARD MEETING STAFF REPORT

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

REPORT FROM: Ed Janke, Executive Director Public Safety

AGENDA ITEM: Review and take action on purchase of the Wisconsin DOT Grant Funded Rapid Intervention Vehicle (RIV).

ACTION REQUESTED: ___Ordinance ___Resolution X Motion ___Receive/File

POLICY ISSUE

Should the Village Board approve the purchase of the RIV?

BACKGROUND INFORMATION

The Village Board approved the acceptance of a Wisconsin DOT grant, (item 6c, 7-26-10 "State Project ID 1133-03-09 Contract Number 1") for the purchase of the RIV. In 2010 it was felt that the apparatus would cost approximately \$200,000. The original grant specified a \$175,00.00 disbursement, however the DOT later awarded (2011) \$200,000 due to a number of delays in the award process.

Anticipating possible cost increases, the 2011 Fire Department Capital Budget included \$25,000 for the purchase of this highly specialized apparatus.

The bid specification process was completed, and the low and only bid was offered by Pierce Fire Apparatus at \$210,201.00 considering a pre-pay for the chassis. **The net cost of this vehicle for the Village is \$10,201.** The vehicle will be equipped with tools and equipment already in department inventory.

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</u> |

RECOMMENDED ACTION

Village staff recommends the Village Board approve the purchase of the RIV.

“Motion to approve the purchase of the RIV for \$210,201 from Pierce Manufacturing.”

POLICY ALTERNATIVE(S)

The Village Board could take the following actions:

- Approve the purchase
- Deny the purchase
- Table the purchase and request additional information

ATTACHED INFORMATION

- I. Item 6c DOT Grant RIV, Staff Report from 7-26-2010.

Attachment 1



Meeting: Village Board
Meeting Date: 6/11/12
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Mission Statement
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VILLAGE BOARD MEETING STAFF REPORT

REPORT TO: President Burt McIntyre & Village Board of Trustees

REPORT FROM: Ed Janke
Executive Director of Public Safety

REVIEWED BY:

AGENDA ITEM: Review and Take Action on an Agreement with the Wisconsin Department of Transportation to Purchase a Rapid Intervention Vehicle

ACTION REQUESTED: ___Ordinance ___Resolution ✓ Motion ___Receive/File

POLICY ISSUE

- 1) Does the Village Board desire to accept grant money from the Wisconsin Department of Transportation in the amount of \$175,000.00 to purchase a "Rapid Intervention Vehicle" that will be used primarily to mitigate emergencies in the US 41/STH 29 corridor?

RECOMMENDED ACTION BY VILLAGE BOARD

Village staff recommends the Village Board approve the grant proposal. If the Village Board is in favor of approving the grant, the following motion may be made:

"I move to approve State Project ID 1133-03-09 Contract Number 1 awarding the Village of Howard \$175,000.00 to purchase a Rapid Intervention Vehicle."

POLICY ALTERNATIVE(S)

The Village Board could take the following action:

- Table the item and request additional information.
- Not approve the grant award.

STRATEGIC PLAN RELEVANCE:

| | |
|------------------------------|------------|
| Economic Vitality: | <u>Yes</u> |
| Accountable/Efficient Gov't: | <u>Yes</u> |
| Enhance Gov't Partnerships: | <u>Yes</u> |
| Environmentally Friendly: | <u>Yes</u> |

STRATEGIC PLAN SYNOPSIS:
The roadway reconstruction of U.S. 41 and STH 29 will challenge the current capabilities of the Fire Department. The Rapid Intervention Vehicle will allow efficient, effective emergency response to incidents in this corridor.

POLICY REFERENCE

Wisconsin Statutes: §61.65

Howard Municipal Code: §§20-57-1 and 2, 20-91

Policies & Procedure Manual: N/A

KEY METRICS SYNOPSIS

All key metrics are included within the budget document. The budget policies establish guidelines that may affect key metric reporting or standards.

FINANCIAL INFORMATION

FISCAL IMPACT:

- 4. Is There A Fiscal Impact? Yes
- 5. Is it Currently Budgeted? Yes
- 6. If Budgeted, Which Line? Entire budget

FISCAL SYNOPSIS:

The budget policies are used in aiding staff in budget preparation for 2011 and, therefore; will affect all of the 2011 budget document.

BACKGROUND INFORMATION

Since 2008, staff has been attending Wisconsin Department of Transportation (DOT) meetings regarding the U.S. 41, STH 29 reconstruction project. During these meetings, DOT Officials outlined construction diagrams, timelines and processes. Due to the projected traffic congestion and limited access, Fire Department staff conducted a situation and gap analysis considering current resources available to the fire department.

The situation analysis revealed that during peak traffic hours, the highway corridors in the Village of Howard area are already congested; challenging safe and efficient public safety operations in these corridors. Furthermore, the analysis suggested predictably, that additional congestion will result with the reconstruction project as well as an increase in emergency incidents within the corridor.

The gap analysis revealed that the Fire Department is not equipped to effectively manage the risks associated with the breadth and depth of this project. Highway emergencies with unfamiliar traffic patterns, limited space and highly congested corridors will challenge the current capabilities of the fire department. The Howard Fire Department does not have apparatus that is designed to control flammable liquid fires, technical hydraulic extrication and traffic management in situations where limited, uneven or off-road access is necessary.

To provide the resources necessary for Howard Fire Department personnel to effectively and efficiently manage highway related incidents considering the complications that this reconstruction project will present, response strategies and resources were studied. Staff determined that a vehicle specifically designed to manage predictable and likely scenarios for this 7 year project should be considered.

Staff approached DOT Officials to determine the feasibility of a DOT funded vehicle designed to mitigate highway related emergencies. A justification was submitted to DOT which was approved by the DOT Secretary.

The Rapid Intervention Concept (RIV) will allow Howard Fire Department personnel to have access to emergency scenes and allow quick-clearance of traffic incidents. This fire apparatus is designed specifically to operate in confined traffic environments, equipped with the tools necessary to quickly mitigate highway related events.

The RIV would provide:

- Versatile, agile, quick response to highway related events.
- Water and dry chemical fire suppression capability.
- Technical rescue capability.
- Traffic incident management capability.

The RIV will be equipped with:

Hoses, nozzles, hydraulic rescue tools, firefighting tools, foam, oil dry, brooms, shovels, lighting, tarps, jaws of life, miscellaneous rescue tools and a thermal imaging camera.

The vehicle is projected to cost \$250,000 fully equipped. DOT is reimbursing the Village of Howard \$175,000. Through equipment and tools already available, the budgetary impact to the Village is likely to be less than \$20,000 from the capital fund.

ATTACHED INFORMATION

- a. Agreement between Wisconsin DOT and the Village of Howard including attachment A.

STAFF REPORT E-MAILED TO:

N/A



AGREEMENT BETWEEN
THE WISCONSIN DEPARTMENT OF TRANSPORTATION
AND
VILLAGE OF HOWARD



State Project ID 1133-03-09

Contract Number 1

2010-2017 Transportation Management Plan

US 41 Brown County

This agreement is a formal partnership, made and entered into between the Wisconsin Department of Transportation (DEPARTMENT) and the Village of Howard, in conjunction with the Mutual Aid Box Alarm System (MABAS) Division 112 LLC, to provide for services as described herein. MABAS 112 includes 18 communities in its division and covers all of the emergency services in Brown County through a statewide intergovernmental mutual aid contract. The Wisconsin Department of Transportation and MABAS 112 are partnering during the US 41 Brown County reconstruction project (PROJECT) to ensure that emergency response capabilities are not adversely affected by roadway reconstruction.

The DEPARTMENT advises implementation of a comprehensive and cost effective transportation management plan that will help ensure the safety, accessibility and mobility for the traveling public in the PROJECT area. The PROJECT area is defined as US 41 from Orange Lane to Lineville Road, including the STH 29 corridor from Taylor Street to west of CTH J. Included in the PROJECT area are local alternate route streets within two miles of the US 41 facility.

To mitigate traffic impacts caused by the PROJECT, MABAS 112 will provide planning, coordination and staffing services as outlined below in an effort to mitigate emergency incidents in the PROJECT area and stay informed of PROJECT roadway closures and construction progress for a 7-year period commencing on November 1, 2010 and ending on December 31, 2017.

Rapid Intervention Vehicles

The Village of Howard, in conjunction with MABAS 112, shall provide a Rapid Intervention Vehicle (RIV) for use within the PROJECT area, including routes deemed necessary to maintain safe and efficient traffic operations by the transportation management planning process. The RIV will be utilized within active construction zones and will be positioned according to construction schedules within the PROJECT area. The RIV will be equipped with hoses, nozzles, firefighting tools, foam, oil dry, brooms, shovels, lighting, tarps, thermal imaging camera, jaws of life and miscellaneous rescue tools, as described in

Attachment A. Typically, the RIV acquired by the Village of Howard in conjunction with MABAS 112 will be positioned for the northern half of the PROJECT area, while the RIV acquired by the City of Green Bay under separate contract in conjunction with MABAS 112 will be positioned for the southern half of the PROJECT area.

Basis of Payment

The life expectancy of fire apparatus in a primary response capacity is 10 years. The capital cost of the RIV is estimated at \$250,000 including necessary equipment. The Village of Howard shall bill the DEPARTMENT for RIV costs associated with the PROJECT area described above under this agreement. The DEPARTMENT will provide to the Village of Howard a lump sum reimbursement for this service in the amount of \$175,000. Participation by the DEPARTMENT for RIV costs is based upon Attachment B. The DEPARTMENT will reimburse the Village of Howard upon proof of purchase of the RIV.

Signatures:

This agreement may only be amended by a written document signed by each of the parties hereto:

APPROVED _____

TITLE _____

For the Village of Howard

Date

APPROVED _____

TITLE _____

For the Wisconsin Department of Transportation

Date

Attachment A

Vehicle Description

State Project ID 1133-03-09

Contract Number 1

2010-2017 Transportation Management Plan

US 41 Brown County



During peak traffic hours the I-43, US 41-141, STH 29 highway corridors in the PROJECT area are often congested to the point that safe and efficient public safety operations can be difficult. Any substantive insult to this system, i.e. vehicle collisions, vehicle fires, etc. can cause significant traffic congestion. The reconstruction of the US 41 and STH 29 corridors could contribute to an increased number of these traffic insults.

Presently MABAS 112 is not equipped to effectively manage highway emergencies in the limited roadway conditions that the construction project will present. Structural fire fighting engines are not designed to operate in situations where limited, or even off-road access may be necessary. Insufficient application of resources to highway-related events could result in additional hazards and traffic delays, and perhaps secondary incidents.

Through command, coordination, communication and cooperation and with appropriate resources, MABAS 112 will be able to optimize rapid response and quick-clearance of traffic incidents. Key to this success is a rapid response vehicle, i.e. fire apparatus designed specifically to operate in confined traffic environments, equipped with the tools necessary to quickly mitigate highway related events.

MABAS 112 proposes the purchase of a "Rapid Intervention Vehicle" (RIV) to provide:

- Versatile, agile, quick response to highway related events.
- Water and dry chemical fire suppression capability.
- Technical rescue capability.
- Traffic incident management capability.

The RIV will be equipped with:

Hoses, nozzles, hydraulic rescue tools, firefighting tools, foam, oil dry, brooms, shovels, lighting, tarps, jaws of life, miscellaneous rescue tools and a thermal imaging camera.

Attachment B

Cost Estimate

State Project ID 1133-03-09

Contract Number 1

2010-2017 Transportation Management Plan

US 41 Brown County

| Service | Cost | Duration (years) | Total Cost (\$) WisDOT | Total Cost (\$) Village of Howard |
|---|-----------|------------------|------------------------|-----------------------------------|
| Rapid Intervention Vehicle, Village of Howard | \$250,000 | 7 | \$175,000 | \$75,000 |