

City Hall, 215 Sycamore St.  
Muscatine, IA 52761-3840  
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COMMUNITY DEVELOPMENT

Planning,  
Zoning,  
Building Safety,  
Construction Inspection Services,  
Public Health,  
Housing Inspections,  
Code Enforcement

MEMORANDUM

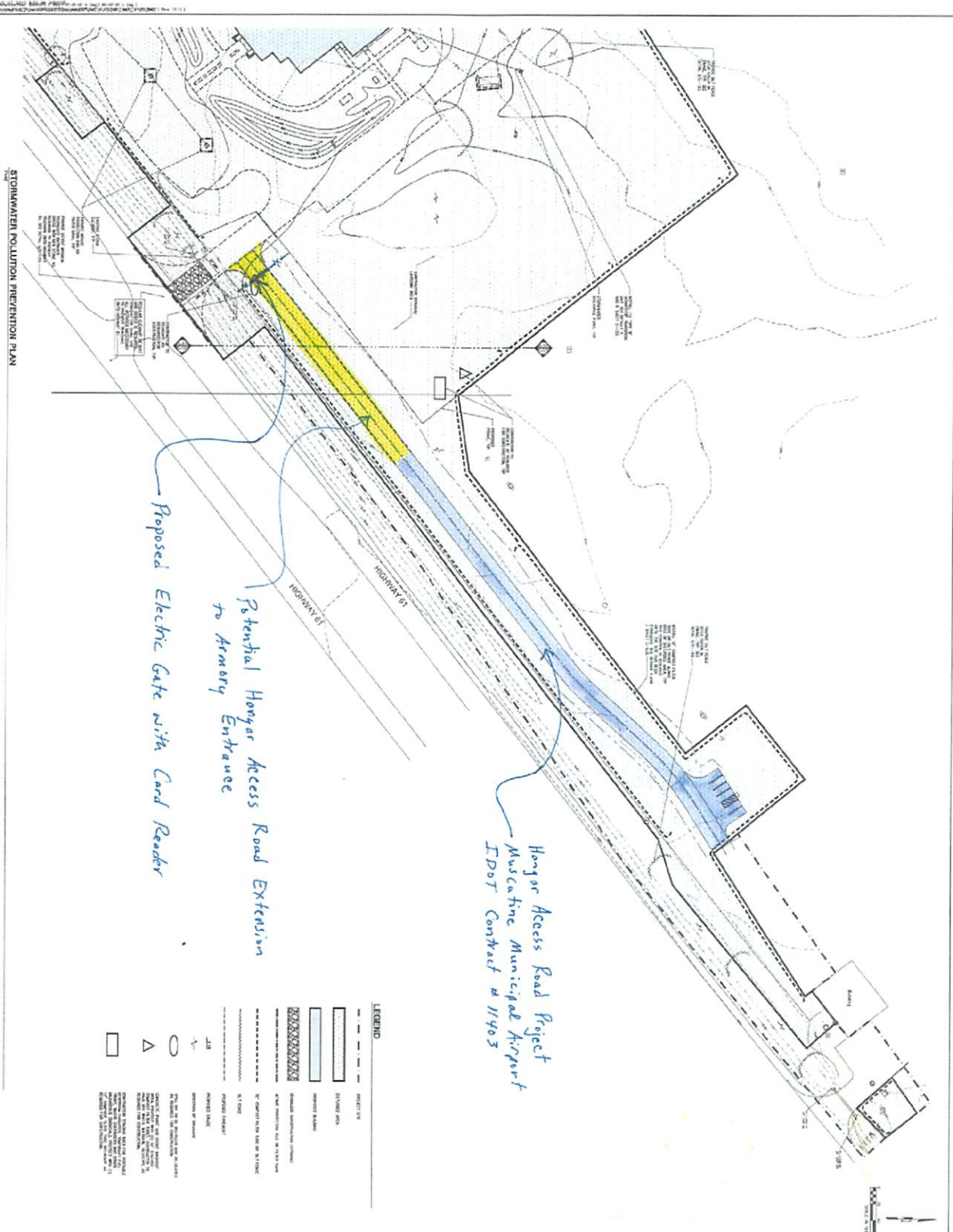
**To:** Mayor and City Council Members  
**Cc:** Gregg Mandsager, City Administrator  
**From:** Steven Boka, Director of Community Development  
**Date:** November 2, 2010  
**Re:** Hangar Access Road – Municipal Airport

**INTRODUCTION:** On July 14, 2009 the City of Muscatine was awarded funding by the IDOT Division of Aviation for the construction of a hangar access road at the Municipal Airport. These funds were allowed to be re-directed from the original award to construct a new municipal hangar when HNI terminated a hangar lease that they no longer needed for a corporate jet. The re-directed funding is being used to construct a hangar access road intended to serve the area southeast of the airport designed to terminate at the combined highway access that also serves the Armed Forces Reserve Center.

**BACKGROUND:** The original amount awarded to the city for the municipal hangar was not sufficient to pay the entire amount re-directed for the hangar access road project. However, a decision was made to complete as much as possible with the balance to be considered later and as funding permitted. To that end, we have prepared an estimate to complete the access road to a point where it will join the paving serving the Armed Forces Reserve Center. The attached sketch shows the additional paving needed to complete the project. The State Division of Aviation has agreed to permit an increase in funding to permit the additional work in an amount not to exceed 115% of their original grant amount. The additional cost to complete the paving and engineering is expected to be approximately \$40,000.00. If the City Council authorizes this additional work, the cost for the project would result in a state share of \$113,307.00 (77%) to a local share of \$33,293.00 (23%).

**RECOMMENDATION/RATIONALE:** The contractor will begin construction of the hangar access road when the underground utility work for the Armed Forces Reserve Center is completed in the very near future. It is therefore recommended that staff be authorized to initiate a contract amendment that will provide the completion of the hangar access road as provided herein. The additional funding for this pavement can be provided through South End TIF proceeds.

STORMWATER POLLUTION PREVENTION PLAN



SITE AND UTILITIES CONSTRUCTION DOCUMENTS

PROJECT NO. 188730  
SHEET NO. 188730-1  
C-132

DATE: 11/27/08  
DRAWN: JLS  
CHECKED: JLS  
DATE: 11/27/08  
DATE: 11/27/08  
DATE: 11/27/08

ARMED FORCES RESERVE CENTER  
MUSCATINE, IOWA

**HANSON**  
Hanson Professional Services Inc.  
1325 S. Shaw St.  
Burlington, IA, 52703  
Phone: (319) 759-0400  
Fax: (319) 759-2300  
www.hansoninc.com  
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**SHIVE-HATTERY**  
ARCHITECTURE • ENGINEERING  
2334 Northgate Drive, Rock City, Iowa 52241  
Phone: (319) 324-3840 Fax: (319) 324-6117  
www.shive-hattery.com

**CHANGE OR EXTRA WORK ORDER**

No. 1

**Project No.** IDOT 91100MUT100 **County** Muscatine  
**Project Name** Muscatine Municipal Airport – Hangar Access Road  
**Kind of Work** Grading and PCC Paving **Date Prepared** 5-4-11  
**Contractor** Muscatine Bridge Company

You are hereby ordered to make the following changes from the plans or do the following extra work on your contract dated \_\_\_\_\_, 2010.

**A. - Description of change to be made or extra work to be done:**

1. Change commencement & completion of work from 2010 to 2011 construction season.
2. Move proposed access road alignment from 10' from fence to 20' from fence.
3. Extend proposed access road approximately 310' to the southwest.

**B. - Reason for ordering change or extra work:**

1. Delayed start date due to delay in funding for adjacent Armory project; utilities for the Armory project needed to be in place prior to starting this project.
2. To accommodate the Armory utilities.
3. To meet the proposed Armory entrance drive, in order to achieve the goal of the project, which was to reduce the number of vehicles on the aircraft apron.

**C - Settlement for cost of work to be made as follows:**

1. No change to bid unit prices.
2. Add quantities to bid items as shown below.
3. Add quantities to bid items as shown below.

**D - Add To Items Included In Contract**

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	ADD QUANTITY	ADD AMOUNT
1	EXCAVATION, CL 10, RDWY & BORROW	\$3.00/CY	15 CY	\$45.00
3	COMPACTION OF SUBGRADE	\$1.50/SY	1,070 SY	\$1,605.00
4	GRANULAR SUBBASE	\$7.00/SY	1,070 SY	\$7,490.00
5	STD/S-F PCC PAVEMENT, 7", CLASS C	\$27.35/SY	859 SY	\$23,493.65
12	ENGINEERING FABRIC	\$1.25/SY	1,070 SY	\$1,337.50
15	SILT FENCE, INSTALL & REMOVE	\$2.00/LF	545 LF	\$1,090.00
ADD SUBTOTAL				\$35,061.15

**E - Deduct From Items Included In Contract**

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	DEDUCT QUANTITY	DEDUCT AMOUNT
	NONE AT THIS TIME			
DEDUCT SUBTOTAL				

**F - Additional Items To Contract**

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	ADD QUANTITY	ADD AMOUNT
22	ADDITIONAL STAKING FOR EXTENSION	\$200.00	1 LS	\$200.00
23	ADDITIONAL PCC TESTING FOR EXTENSION	\$200.00	1 LS	\$200.00
ADDITIONAL SUBTOTAL				\$400.00

TOTAL ... **\$35,461.15**

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to. Approved contingent upon funds being available under the existing project agreement or upon Contractor additional funds being made available by a modified project agreement.

Muscatine Bridge Co.

Contractor

By Fat Fox

Date 5/18/11

Approved Date 5/18/11

By [Signature]  
City Administrator

5/16/11 Date [Signature] Engineer