



City Hall, 215 Sycamore St.  
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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:** September 26, 2012  
**Re:** Rehabilitate Airfield Pavements – Change Order No. 1

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**INTRODUCTION:** On May 17, 2012, City Council awarded an airport improvement project to Hy-Brand Industrial Contractors of Muscatine identified as "Rehabilitate Airfield Pavements" (AIP Project no. 3-19-0063-17) in the amount of \$52,889.93.

**BACKGROUND:** The "Rehabilitate Airfield Pavements" Project was designed to provide minimal runway repair damage in the form joint-sealing, corner spalling repair, crack routing and sealing, partial depth concrete patching and full depth concrete patching. The original award was based on the engineers estimate for specific quantities. With the completion of the Project, it is necessary to approve Change Order No. 1 that adjusts for the actual quantities used for the rehabilitation effort. The Change Order has been reviewed and approved by the FAA. As a result, the final cost for the project, including Change Order No. 1 will be \$58,597.69. This Project will be funded through a 90% federal and 10% local cost share.

**RECOMMENDATION/RATIONALE:** It is recommended that the City Council approve Change Order No. 1 to the Project identified as "Rehabilitate Airfield Pavements", further identified as AIP Project No. 3-19-0063-17.

**BACKUP INFORMATION:**

1. Change Order No. 1

ANDERSON-BOGERT  
Engineers & Surveyors, Inc.  
4001 River Ridge Dr NE  
Cedar Rapids, IA 52402

CHANGE OR EXTRA WORK ORDER

No. 1 (Final)

Project No. 3-19-0063-17 County Muscatine

Project Name Muscatine Municipal Airport Rehabilitate Airfield Pavements

Kind of Work Pavement Repair Date Prepared 09/19/12

Contractor: Hy-Brand Industrial Contractors LTD.

You are hereby ordered to make the following changes from the plans or do the following extra work on your contract dated 6/21/2012.

The purpose of this final change order is to acknowledge the final quantities for this project. The total final project cost for this contract = \$58,597.69. A breakdown of this amount is shown on the attached Final Cost Tabulation.

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to.

Hy-Brand Industrial Contractors, LTD.

Contractor

Anderson-Bogert Engineers & Surveyors, Inc.

Engineer

By \_\_\_\_\_

By \_\_\_\_\_

Date: \_\_\_\_\_, 2012

Date: \_\_\_\_\_, 2012

Approved City of Muscatine

By \_\_\_\_\_

Date: \_\_\_\_\_, 2012

Resolution # \_\_\_\_\_

ANDERSON-BOGERT  
Engineers & Surveyors, Inc.  
4001 River Ridge Drive NE  
Cedar Rapids, IA 52402

## CHANGE OR EXTRA WORK ORDER

No. 1

Project No.	<u>AIP # 3-19-0063-18</u>	County	<u>Muscatine</u>
Project Name	<u>Muscatine Municipal Airport – Obstruction Removal (Trees)</u>		
Kind of Work	<u>Clearing and Grubbing</u>	Date Prepared	<u>9-19-12</u>
Contractor	<u>Dickey Farms Excavating</u>		

You are hereby ordered to make the following changes from the plans or do the following extra work on your contract dated August 2, 2012.

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

For debris disposal, substitute chipping/grinding for burning. This includes all clearing and grubbing areas covered by the plans.

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

1. Recent burning bans due to extremely dry/hot summer.
2. City concerns over air quality.

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

Total addition of \$5,000.00.

### D - Add To Items Included In Contract

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

Change Order #1 Attachment  
Final Cost Tabulation

REHABILITATE AIRFIELD PAVEMENTS  
MUSCATINE MUNICIPAL AIRPORT  
MUSCATINE, IOWA  
AIP Project: 3-19-0063-17

9/19/12

NO.	ITEM DESCRIPTION	Bid Quantities				Final As-Built Quantities			
		QTY	UNIT	UNIT PRICE	AMOUNT	QTY	UNIT	UNIT PRICE	AMOUNT
1.	GP-105: Mobilization	1	LS	\$1,256.43	\$1,256.43	1	LS	\$1,256.43	\$1,256.43
2.	AC 150/5370-2F: Traffic Control	1	LS	\$8,950.00	\$8,950.00	1	LS	\$8,950.00	\$8,950.00
3.	M-361: Joint Cleaning & Sealing	9,251	LF	\$2.15	\$19,889.65	6826	LF	\$2.15	\$14,675.90
4.	M-361: Expansion Joint Cleaning & Sealing	265	LF	\$6.45	\$1,709.25	915	LF	\$6.45	\$5,901.75
5.	M-361: Crack Routing & Sealing	429	LF	\$3.50	\$1,501.50	2022	LF	\$3.50	\$7,077.00
6.	P-505: Epoxy Patching	1.35	SF	\$1,430.00	\$1,930.50	0.94	SF	\$1,430.00	\$1,344.20
7.	M-564: Partial Depth PCC Patching	80	SF	\$106.50	\$8,520.00	120.75	SF	\$106.50	\$12,859.88
8.	M-564: Full Depth PCC Patching	19	SY	\$395.00	\$7,505.00	10.30	SY	\$395.00	\$4,068.50
9.	P-620: Painting	30	SF	\$54.25	\$1,627.50	45.42	SF	\$54.25	\$2,464.04
	<b>TOTAL</b>				<b>\$52,889.83</b>				<b>\$58,597.69</b>