



**CITY COUNCIL  
COMMUNICATION:**

**ITEM \_\_\_\_\_**

**OFFICE OF THE CITY MANAGER  
CITY OF DES MOINES, IOWA**

**98-416**

**SYNOPSIS —**

**AGENDA:**

SEPTEMBER 14, 1998

**SUBJECT:**

APPROVAL OF GAS  
TRANSMISSION  
PIPELINE  
RELOCATION AND  
REIMBURSEMENT  
AGREEMENT WITH  
DES MOINES  
INTERNATIONAL  
AIRPORT AND  
MIDAMERICAN  
ENERGY, INC.

The relocation of the 712 psi and 125 psi natural gas transmission lines, which both lie in the path of the runway extension and the relocation of the 125 psi natural gas transmission line which lies in the path of the County Line Road connection to relocated Iowa 28 and relocated Iowa 28 near the Middle creek bridge, are an integral part of the Runway 5/23 Grading, Phase II project. The timing of the relocation is critical because much of the fill dirt being excavated as part of the Runway 5/23 Grading, Phase II referenced below, will be placed in the area of the high pressure gas lines. As a part of the relocation, the gas lines will be relocated to a location where pressures from fill dirt and the runway and taxiways are appropriate for the gas line pipes. The current high pressure gas lines, if not relocated, would be, in some cases covered by up to approximately 130 feet of fill dirt. After the relocation is completed and the runway is constructed, the high pressure gas lines will be located at approximately 10 feet below the surface. In order to allow for the Phase II grading (and Runway Extension) to proceed, the Agreement with MidAmerican must be approved and the relocation of the gas lines completed.

**TYPE:**

**RESOLUTION  
ORDINANCE  
RECEIVE/FILE**

**SUBMITTED BY:**

WILLIAM  
FLANNERY  
AVIATION  
DIRECTOR

**FISCAL IMPACT –**

The estimated cost of the relocation work is \$350,000. Funding for the Runway 5/23 Extension is provided for in the approved Capital Improvement Program (CIP) beginning in FY 2000/01 under Runway 5/23 Extension, Index 316569. This project is anticipated to be eligible for a 90% federal share Federal Aviation Administration (FAA), Airport Improvement Program (AIP) grant and is currently programmed to be included in our grant application anticipated to be submitted in June 1999.

HAROLD SMITH  
CITY ENGINEER

**RECOMMENDATION –**

**It is recommended that the Council approve the Relocation and Reimbursement Agreement with MidAmerican Energy in the amount of \$325,381.61 or as determined by final construction costs up to a maximum of \$350,000 for the relocation of two (2) high pressure gas lines in connection with the Runway 5/23 Grading, Phase II project and authorize the Mayor to execute said Agreement and direct the City Clerk to attest to the Mayor' s signature.**

#### **BACKGROUND –**

Both the Noise Compatibility Program and the Revised Master Plan for the Des Moines International Airport provide for the extension of Runway 5/23 to the southwest. The Runway 5/23 Extension Project has been determined to be an essential part of the Airport' s Noise Compatibility and Noise Mitigation Program. The plans call for the runway to be extended to a length of 9,000 feet. The Master Plan also provides for the future extension of the runway to 11,300 feet to accommodate long haul international flights. The runway extension requires the relocation of Army Post Road and Iowa 28 to the south and west to accommodate the initial and future runway extensions. The relocation of Army Post Road and Iowa 28 must also be coordinated along with the planned construction of the south beltway (i.e. Relocated Iowa 5 from US 65/69 on the east to I-35 on the west) being constructed by the Iowa Department of Transportation (IDOT). In addition to the relocation of the roadways, two Mid-American high pressure gas lines must also be relocated in order to safely construct the runway and taxiway extension.

On July 7, 1997, by Resolution Nos. A97-218 & A97-219, the Airport Board substantially advanced this project by awarding the construction contracts to grade and pave the four lane divided roadway for relocated Army Post Road from just east of Fleur Drive to existing Iowa 28; i.e., SW 42nd Street, and SW 28th Court from Littell Avenue to relocated Army Post Road.

On July 7, 1998, the Airport Board conducted the Public Hearing on the plans, specifications, form of contract documents, and Engineer' s estimate of construction cost; received and filed the bid; and designated T.J. Lambrecht Construction, Inc. as the lowest responsible, responsive bid

(\$15,656,965.96) for the construction. On August 17, 1998, by Roll Call No. 98-2617, the City Council accepted a grant from the FAA in the amount of \$8,372,160 for this project. On September 1, 1998, by Resolution No. A98-346 the Airport Board awarded the construction contract with T.J. Lambrecht Construction, Inc. for the Runway 5/23 Extension Grading-Phase 2. Also on September 1, 1998, by Resolution No. A98-318 the Airport Board approved this relocation and Reimbursement Agreement and directed the Board Chairperson to execute the Agreement for the Des Moines International Airport Board, and recommended that the City Council convey the Gas Line Easement Agreement to MidAmerican Energy, Inc. following relocation and release of existing easements.