

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

**CITY COUNCIL COMMUNICATION 96-290  
JULY 15, 1996 AGENDA**

SUBJECT:	TYPE:	SUBMITTED BY:
PROPOSED SURFACE IMPROVEMENT— DEAN AVENUE FROM E. 34TH STREET TO FOUR MILE CREEK BRIDGE	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JOHN P. BELLIZZI PUBLIC WORKS DIRECTOR

**SYNOPSIS —**

Dean Avenue, from East 34th Street to the Four Mile Creek Bridge, is a heavily used, high maintenance, asphalt stabilized roadway which generates numerous surface condition complaints annually. Abutting property owners report heavy vehicular traffic due to state fair activities, recreational events at Happy Hollow, and through traffic from the City of Pleasant Hill. As a result, residents have objected to assessed improvements.

The Public Works Department does not recommend assessment for improvements to abutting property owners due to the accelerated deterioration of Dean Avenue caused by others. For example, Dean Avenue was last asphalt stabilized in 1995; however, load conditions caused failures by the spring of 1996. The cost of the non-assessed asphalt stabilization was \$17,000 for materials alone in 1995. Following the spring of 1996, an additional \$1,500 was required for patching. The present roadway condition is not suitable for the traffic load being experienced.

In an effort to provide a more permanent surface, an intermediate type of surfacing is being recommended. The proposed asphaltic cement concrete (ACC) surfacing would be six inches thick, 22 feet wide, and would be placed directly on top of the existing asphalt stabilized base. The open ditch drainage currently in place would remain. The estimated cost for ACC materials is \$160,000. This cost does not include personnel and equipment. Funds do not exist in the Public Works Operating Budget to pay the total cost of the improvement.

With the deletion of four streets from this year's proposed intermediate paving program, approximately one-half of the cost for materials on Dean Avenue—\$80,000—is currently available in the Public Works Operating Budget. Therefore, agreements have been negotiated with the Iowa State Fair Board, Polk County, and the City of Pleasant Hill to share the cost of material for the proposed project. If approved, construction would commence on July 17, 1996 and would be completed by August 3, 1996 to accommodate the Iowa State Fair's camper traffic. The ACC surface design has an estimated 15-year service life.

The proposed agreements call for cost-sharing materials. The Iowa State Fair Board will pay one-half the cost for materials not to exceed \$40,000 for (Phase I) surfacing the section of Dean Avenue from East 34th Street to Williams Street, and Polk County will pay one-half the cost for materials up to \$40,000 for (Phase II) surfacing Dean Avenue from Williams Street to the east City limits. For the section from the east City limits to the Four Mile Creek Bridge (Phase III), which is completely within the boundaries of the City of Pleasant Hill, Pleasant Hill will pay 100 percent of the material costs not to exceed \$10,000.

**FISCAL IMPACT —**

The City's share of the surface improvement, which is estimated at \$80,000 for materials, is currently available in the Public Works Department's Operating Budget.

**RECOMMENDATION —**

**Approval of agreements with the Iowa State Fair Board, Polk County, and the City of Pleasant Hill for the surface improvement of Dean Avenue, from East 34th Street to the Four Mile Creek Bridge.**

**BACKGROUND —**

Dean Avenue, from East 34th Street to the Four Mile Creek Bridge, has been a heavy use, high maintenance street in need of a more permanent surface improvement. The heavy use stems primarily from fair goers, visitors to Happy Hollow, and residents of Pleasant Hill.

Rather than continue with high cost asphalt stabilization maintenance, the Public Works Director has submitted a proposal to the Iowa State Fair Board, Polk County, and the City of Pleasant Hill requesting their participation in the surface improvement of Dean Avenue. Each entity has now agreed to participate in the project on a cost-share basis.