

**CITY COUNCIL  
COMMUNICATION:**

03-628

**AGENDA:**

DECEMBER 22, 2003

**SUBJECT:**

IDOT AGREEMENT  
FOR S.E. 14<sup>TH</sup>  
STREET AND EAST  
INDIANOLA AVENUE  
INTERSECTION  
IMPROVEMENTS

**TYPE:**

**RESOLUTION**  
ORDINANCE  
RECEIVE/FILE

**SUBMITTED BY:**

JEB E. BREWER, P.E.  
CITY ENGINEER

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

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

**SYNOPSIS —**

The Iowa Department of Transportation (IDOT) has proposed an agreement between the City of Des Moines and IDOT for S.E. 14<sup>th</sup> Street and East Indianola Avenue intersection improvements.

**FISCAL IMPACT —**

The total estimated project cost is \$245,000. The construction costs are eligible for reimbursement by IDOT Traffic Safety Funds up to a maximum of \$150,000. The City of Des Moines will provide funding for construction, design, and construction administration services. Total City funding is estimated to be \$95,000.

Funding for this project is available in the 2003-04 Capital Improvements Program (CIP) Budget, Index Code 486340, Account 543060, Fund CP038, Organization ENG990000, Project STR211 – S.E. 14<sup>th</sup> Street and East Indianola Avenue Turn Lane and Signal Modification.

**RECOMMENDATION —**

**Approval of this agreement with IDOT.**

**BACKGROUND —**

The proposed improvement includes a combination of several improvements, including a right-turn lane on Indianola Avenue to turn south onto S.E. 14<sup>th</sup> Street, modifications to the existing traffic signals, and relocation of a driveway on Indianola Avenue farther southeast from the intersection. New signal timings, phasing, and offsets will more efficiently serve traffic at the intersection and should decrease excessive delays and rear-end, right angle, and left-turning collisions due to unexpected stops. The turn lane will increase capacity at the intersection by providing a separate lane for this very heavy turning movement and enhance safety by reducing lane shifting of vehicles on Indianola Avenue through the intersection. Moving the driveway near the northeast corner farther from the intersection will reduce turning conflicts at the intersection and still provide good access to this commercial area. The project will include modification of the median opening on S.E. 14<sup>th</sup> Street between Indianola Avenue and Park Avenue to allow left turns from S.E. 14<sup>th</sup> Street into driveways, but prohibit left turns from the driveways back on to S.E. 14<sup>th</sup> Street, which is a safety issue.

By Roll Call No. 02-2017, passed August 19, 2002, City Council authorized the submittal of an application to IDOT for Traffic Safety Funding. Subsequently, IDOT approved \$150,000 funding for the project. The remaining funds,

	estimated at \$60,000 for construction and right-of-way acquisition, and \$35,000 for design and construction phase services, are budgeted in the 2003-04 CIP budget for Project STR211, "S.E. 14 <sup>th</sup> Street and East Indianola Avenue Turn Lane and Signal Modification."
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