

Public Hearing: November 17, 2008

## FACT SHEET

**TITLE:** Intersection Safety Improvement Project.  
14<sup>th</sup> Street and Cornhusker Hwy Eastbound Exit  
Ramp. City Project # 701075  
State Project #HSIP-5227(7), CN #12944

**SPONSOR:** Public Works and Utilities

**OPPONENTS:** Unknown

**STAFF RECOMMENDATION:** Approval

**OTHER DEPARTMENTS AFFECTED:**  
Nebraska Department of Roads and Federal Hwy.  
Administration

**APPLICANT:** Public Works and Utilities

**REASON FOR LEGISLATION:** To provide authority for the Mayor to execute a Safety Improvement Project agreement between the City of Lincoln and the State of Nebraska, Department of Roads. This agreement will obligate Federal and State Funds to reimburse the City for Engineering and Construction of a "Roundabout" at the intersection of North 14<sup>th</sup> Street and Cornhusker Hwy. Eastbound Exit Ramp.

## DISCUSSION

The City of Lincoln in collaboration with the Nebraska Dept. of Roads (NDOR) proposes to design and construct a modern "Roundabout" as a countermeasure to improve the safety, security and operations of the existing northbound to eastbound 14<sup>th</sup> Street entrance ramp for eastbound Cornhusker Hwy. This entrance ramp intersection has been identified by the NDOR as a high crash location on the State's Highway system. The location continues to experience a significant number of rear-end crashes, due to insufficient entering sight distance for northbound to eastbound vehicles off 14<sup>th</sup> Street. The proposed Safety project will reconstruct the existing 14<sup>th</sup> Street "Tee" intersection immediately south of Cornhusker Hwy. as a modern "Roundabout", that will allow northbound and southbound vehicles on 14<sup>th</sup> Street to enter eastbound Cornhusker Hwy just west of the existing 14<sup>th</sup> Street overpass. The new design will close the existing ramp off 14<sup>th</sup> Street and include appropriate roundabout marking, signing and landscaping. The NDOR Safety Committee has approved implementation of the City's concept of a Roundabout, and has agreed to reimburse the City, using Federal Safety Funds, for 90% of the actual eligible total cost estimated at \$870,000. The required local match of 10% would be shared equally by the NDOR-District#1 and the City of Lincoln, estimated at \$43,500 each. The anticipated construction of this project is Summer 2010.

**POLICY OR PROGRAM CHANGE:** No

**COST OF TOTAL PROJECT:** Engineering and Construction Cost estimated at \$870,000.

**SOURCE OF FUNDS:** Federal Safety Funds = 90% of the eligible total cost approximately \$783,000.  
State Funds = 5% of the eligible total cost approximately \$43,500.

**CITY:** 5% of the eligible total cost approximately \$43,500 (Street Construction funds-SO).

**NON CITY:** Approximately \$783,000 (Federal Safety Funds) plus \$43,500 (State Funds) = \$826,500.

**BENEFIT /COST:** N/A

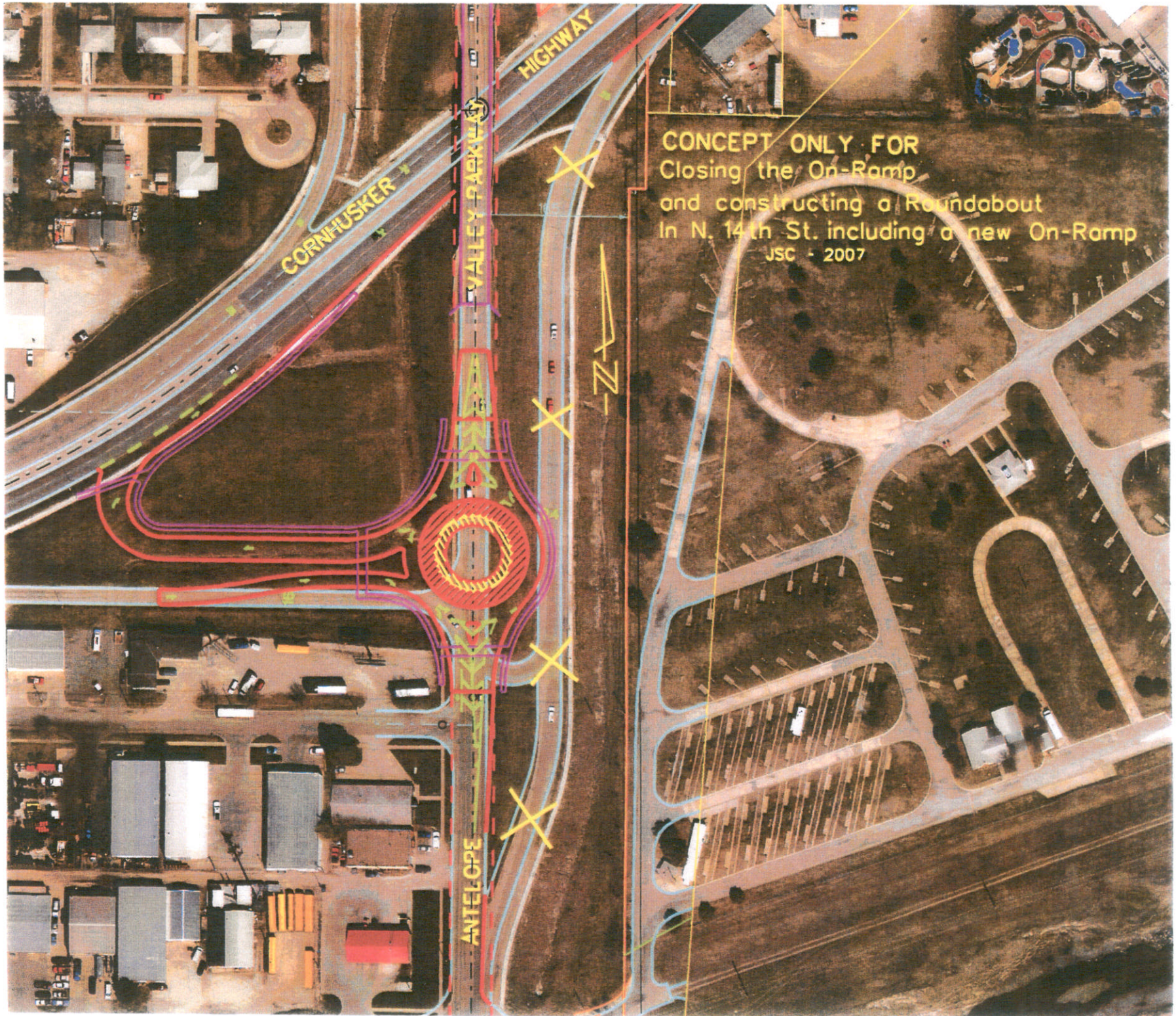
**FACT SHEET PREPARED BY:**

Virendra Singh, Engineering Services

**REVIEWED BY:**

Director of Public Works & Utilities





CONCEPT ONLY FOR  
Closing the On-Ramp  
and constructing a Roundabout  
In N. 14th St. including a new On-Ramp  
JSC - 2007