

AGENDA ITEM SUMMARY

FORT COLLINS CITY COUNCIL

ITEM NUMBER: 15

DATE: April 4, 2006

STAFF: Matt Baker
Eric Bracke

SUBJECT

First Reading of Ordinance No. 056, 2006, Appropriating Unanticipated Revenue in the Street Oversizing Fund for Transfer to the Capital Projects Fund - Trilby and Ziegler Road Improvement Project and Authorizing the Transfer of Existing Appropriations from the Street Oversizing Fund to the Capital Project Fund - Trilby and Ziegler Road Improvements Project to be Used to Construct a Roundabout at the Intersection of Ziegler and Kechter Roads.

RECOMMENDATION

Staff recommends adoption of the Ordinance on First Reading.

FINANCIAL IMPACT

This Ordinance appropriates \$860,337 in unanticipated revenue from Contributions-in-Aid-of-Construction in the Street Oversizing Fund (received from the Fort Collins Loveland Water District and Everitt Enterprises Development), and transfers an additional \$899,215 from existing appropriations in the Street Oversizing Fund into the Capital Projects Fund. The funds will be used to construct arterial roadway improvements for Zeigler Road, including the construction of a roundabout intersection at Zeigler and Kechter Roads. This project will go to bid as soon as funds are available.

Everitt Enterprises Development	\$ 309,224	Contribution-In-Aid
Fort Collins Loveland Water District	\$ 551,113	Contribution-In-Aid
Street Oversizing Fund Zeigler	\$ 522,754	Street Oversizing Fund
Street Oversizing Fund Roundabout	\$ 376,461	Street Oversizing Fund
Total Project Cost:	\$1,759,552	

EXECUTIVE SUMMARY

The Zeigler and Kechter Roundabout Project (the "Project") includes intersection and arterial street improvements for Zeigler Road, from Kechter Road south to Kinard Junior High School (approximately 1800 linear feet). These street improvements include widening Ziegler Road to minor arterial street standards from its existing two-lane configuration and the construction of a modern roundabout at the intersection of Zeigler Road and Kechter Road. The Fort Collins Loveland Water District will install a 24-inch water main prior to roadway paving and is including some of this work in conjunction with the Project. Roadway improvements include the installation of curb-and-gutter, sidewalks, asphalt paving, bike lanes, and storm sewers.

The construction is planned to begin in June 1, 2006 and be completed prior to the start of fall semester of the Poudre School District on August 16, 2006.

BACKGROUND

City Council adopted Resolution 2001-120 on September 4, 2001, establishing criteria for arterial intersection analysis and requiring that at any time an arterial/arterial intersection in the City is planned to be substantially improved, an alternative analysis between a traditional signalized intersection and a modern roundabout is required. If a roundabout is recommended as the preferred alternative, then the City Council is required to make a determination on the finding.

Following an analysis of intersection improvements and recommendation by staff planned for the intersection of Kechter and Ziegler Roads, City Council, on May 3, 2005, adopted Resolution 2005-043, authorizing the construction of a modern roundabout at the crossing of Ziegler and Kechter Roads.

Ziegler Road and Kechter Road are two-lane arterial roadways with moderate traffic volumes compared to other roadways in the City. However, there are four schools within one mile of the intersection, including a high school, a junior high and two elementary schools where the majority of students are bussed. Transportation staff feels improving safety is a key design criteria at this location.

The Street Oversizing Program is preparing to construct the last leg of Zeigler Road in conjunction with a proposed development by the Everitt Companies, including the intersection of Ziegler Road and Kechter Road. In accordance with City Council policy, anytime an arterial/arterial improvement is planned, an analysis of the intersection for potential placement of a roundabout is required. The analysis included a review of intersection level of service and delay times, automobile emissions/environmental calculations, accident severity and related costs, alternative mode mobility, cost to construct, and spatial requirements for right-of-way acquisition. The analysis concluded that a modern roundabout would be the best intersection design at this location. City Council adopted Resolution 2005-043, concurring with the City Traffic Engineer's recommendation and authorized the construction of a modern roundabout at the crossing of Ziegler and Kechter Roads. At that time, funding was appropriated for the engineering design.

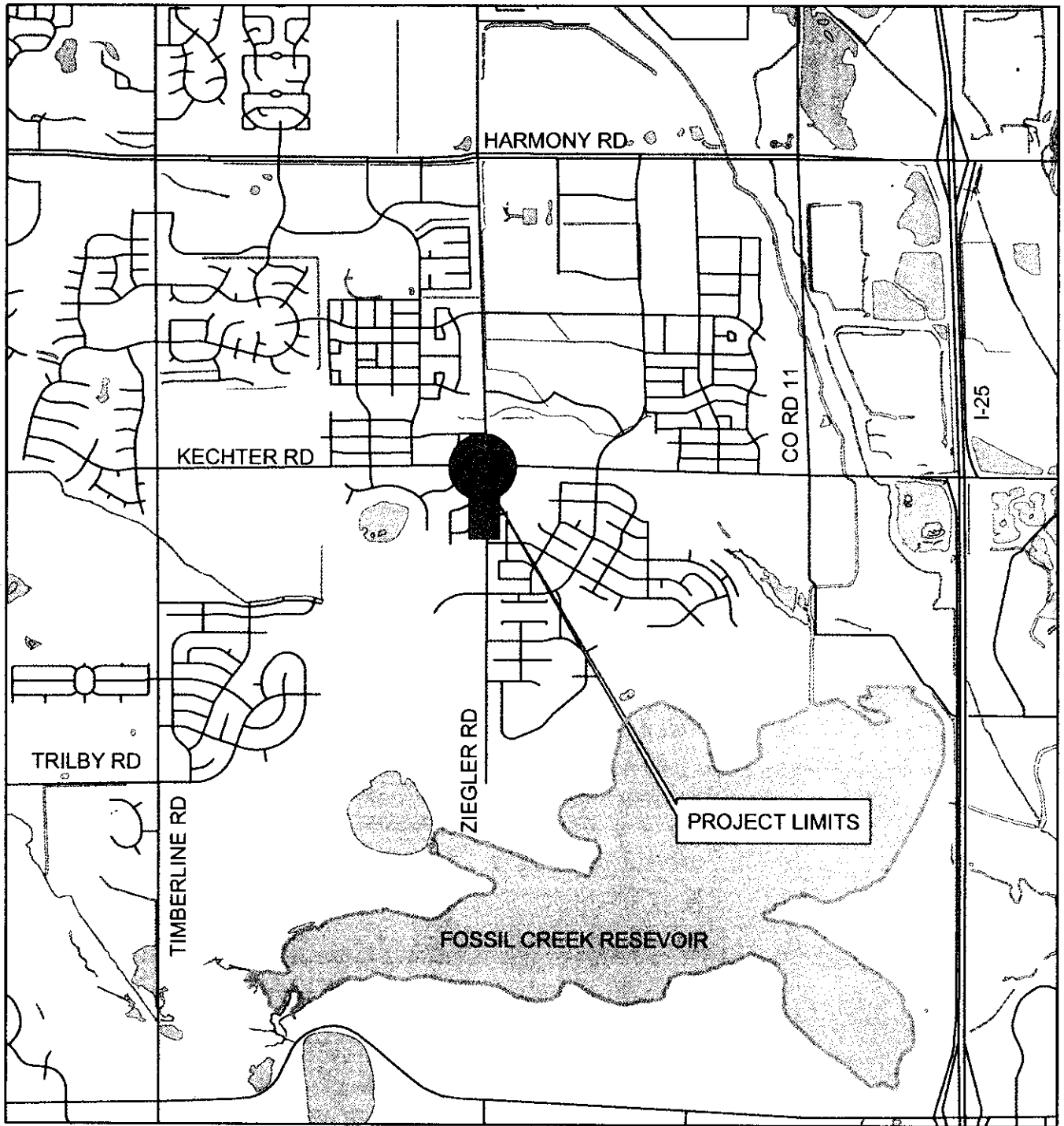
Staff has completed the engineering design of the roundabout. The outside diameter of the roundabout was increased from 100 feet to 130 feet to more easily accommodate truck and school bus traffic. The center of the roundabout was offset to the east to avoid existing improvements and utilities. The width of the circulating roadway within the roundabout is approximately 22 feet to accommodate cars and bikes. In addition, special signage gives bicyclists the option to use the sidewalks, which were increased to 8 feet wide to easily accommodate pedestrian and bike users.

Staff met with representatives from the Poudre School District, including personnel from Facilities, Transportation (School Bus), and Training Department, to coordinate implementation of the modern roundabout in its programs. A brochure was developed as a "how to" guide, which will be made available for distribution to parents of school children in the area, and incorporated into the orientation of school bus drivers.

A neighborhood meeting was held on March 27, 2006, at Zach Elementary School for staff to explain and inform area residents of the upcoming construction.

Right-of-way acquisition is now underway. Because of the round configuration of the improvements and the square shape of the existing right of way, two small slivers of property are needed on the west side. One of these properties has been purchased but, in spite of diligent efforts by staff, the other property owner has not responded. An ordinance seeking authorization for eminent domain will be proposed for consideration by Council. On the east side, property is being acquired through normal development dedication.

Staff is confident a roundabout will reduce vehicle speeds near Fossil Ridge High School, Kinard Junior High, and Zach Elementary School. Research indicates a modern roundabout will virtually eliminate vehicle crashes and injuries at the intersection, even with the introduction of hundreds of inexperienced drivers of high school age into the existing traffic load. Staff believes pedestrians and bicyclists will be safer and congestion will be reduced, even during school drop-off and pick-up times.



Vicinity Map For Kechter-Ziegler Roundabout

1" = 2500'



March 22, 2006

ORDINANCE NO. 056, 2006
OF THE COUNCIL OF THE CITY OF FORT COLLINS
APPROPRIATING UNANTICIPATED REVENUE IN THE STREET OVERSIZING FUND
FOR TRANSFER TO THE CAPITAL PROJECTS FUND - TRILBY AND ZIEGLER ROAD
IMPROVEMENT PROJECT AND AUTHORIZING THE TRANSFER OF EXISTING
APPROPRIATIONS FROM THE STREET OVERSIZING FUND TO THE CAPITAL
PROJECTS FUND - TRILBY AND ZIEGLER ROAD IMPROVEMENTS PROJECT
TO BE USED TO CONSTRUCT A ROUNDABOUT AT THE INTERSECTION OF
ZIEGLER AND KECHTER ROADS

WHEREAS, on June 7, 2005, City Council adopted Ordinance No. 61, 2005, appropriating a contribution from the Poudre School District (\$692,342) and authorizing the transfer of existing appropriations (\$498,113) in the Street Oversizing Fund to the Capital Projects Fund to be used construct improvements on Ziegler Road, adjacent to Kinard Core Knowledge Junior High School, from Kechter Road south to Trilby Road; and

WHEREAS, the scope of improvements to the aforementioned project included installation of curb-and-gutter, sidewalks, bike lanes from Kechter Road on the north to Trilby Road on the south, and initial design of roundabout improvements at the intersection of Ziegler and Kechter Roads (the "Project"); and

WHEREAS, with the aforementioned improvements to be completed this summer, intersection and arterial improvements associated with Phase II of the Project can commence; and

WHEREAS, Phase II improvements will include the widening of Ziegler Road to a minor arterial street standard from its existing two-lane configuration, installation of a 24-inch water main, and the construction of a modern roundabout at the intersection of Ziegler and Kechter Roads; and

WHEREAS, on May 3, 2005, City Council adopted Resolution 2005-043, authorizing the construction of a modern roundabout at the crossing of Ziegler and Kechter Roads; and

WHEREAS, the estimated cost to construct intersection and arterial improvements associated with Phase II of the Trilby and Ziegler Road Improvements Project is \$1,759,552; and

WHEREAS, City staff has identified the following sources to be used to fund the Phase II improvements:

Contributions - Everett Enterprises Development	\$ 309,224
Contributions - Fort Collins-Loveland Water District	551,113
Street Oversizing Fund - Existing Appropriations	<u>899,215</u>
Total	\$ 1,759,552

WHEREAS, upon completion of the bid process, Phase II improvements to the Trilby and Ziegler Road Improvements Project are scheduled to begin in June 1, 2006 and be completed prior to the start of fall classes for the Poudre School District on August 16, 2006; and

WHEREAS, Article V, Section 9, of the Charter of the City of Fort Collins (the "Charter") permits City Council to make supplemental appropriations by ordinance at any time during the fiscal year, provided that the total amount of such supplemental appropriations, in combination with all previous appropriations for that fiscal year, does not exceed the current estimate of actual and anticipated revenues to be received during the fiscal year; and

WHEREAS, Article V, Section 10, of the Charter authorizes City Council to transfer by ordinance any unexpended and unencumbered amount or portion thereof from one fund or capital account to another fund or capital project, provided that the purpose for which the transferred funds are to be expended remains unchanged; and

WHEREAS, the appropriation of the contributions from Everitt Enterprises Development and the Fort Collins-Loveland Water District as described herein will not cause the total amount appropriated in the Street Oversizing Fund budget to exceed the current estimate of actual and anticipated revenues to be received during any fiscal year; and

WHEREAS, it is the desire of City Council to appropriate the sum of \$860,337 from contributions within the Street Oversizing Fund, for transfer to the Capital Projects Fund - Trilby and Ziegler Road Improvements Project - Phase II, and to authorize the transfer of existing appropriations, totaling \$899,215, in the Street Oversizing Fund to the Capital Projects Fund - Trilby and Ziegler Road Improvements Project - Phase II to be used to construct intersection and arterial street improvements for Ziegler Road, from Kechter Road, south to Trilby Road.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF FORT COLLINS as follows:

Section 1. That there is hereby appropriated from unanticipated revenue in the Street Oversizing Fund, the sum of EIGHT HUNDRED SIXTY THOUSAND THREE HUNDRED THIRTY-SEVEN DOLLARS (\$860,337) for transfer to the Capital Projects Fund - Trilby and Ziegler Road Improvements Project - Phase II, and appropriated therein, to be used to construct intersection and arterial street improvements for Ziegler Road, from Kechter Road, south to Trilby Road.

Section 2. That the unexpended appropriated amount of EIGHT HUNDRED NINETY-NINE THOUSAND TWO HUNDRED FIFTEEN DOLLARS (\$899,215) is hereby authorized for transfer from the Street Oversizing Fund to the Capital Projects Fund - Trilby and Ziegler Road Improvements Project - Phase II, and appropriated therein, to be used to construct intersection and arterial street improvements for Ziegler Road, from Kechter Road, south to Trilby Road.

Introduced, considered favorably on first reading, and ordered published this 4th day of April, A.D. 2006, and to be presented for final passage on the 18th day of April, A.D. 2006.

Mayor

ATTEST:

City Clerk

Passed and adopted on final reading on the 18th day of April, A.D. 2006.

Mayor

ATTEST:

City Clerk