

**Region 10
Regional Planning Affiliation**

**Application for Regional
Surface Transportation Program (STP)

FY 2017-2020**

General Information

Applicant Agency: Linn County Secondary Road Department

Contact (Name and Title): Brad Ketels, P.E. – Assistant Linn County Engineer

Complete Mailing Address: 1888 County Home Road

Street Address and/or PO Box No.

<u>Marion</u>	<u>Iowa</u>	<u>52302</u>	<u>319-892-6400</u>
<small>City</small>	<small>State</small>	<small>Zip</small>	<small>Daytime Phone No.</small>

If more than one agency or organization is involved in this project, please state the name, contact person, mailing address, and telephone number of the second agency. (Attach an additional page if more than two agencies are involved.)

Agency: _____

Contact (Name and Title): _____

Complete Mailing Address: _____

Street Address and/or PO Box No.

<u> </u>	<u> </u>	<u> </u>	<u> </u>
<small>City</small>	<small>State</small>	<small>Zip</small>	<small>Daytime Phone No.</small>

Project Title: County Home Road (E34) Paving and Traffic Signalization

Proposed Federal Fiscal Year for Funding
(October 1-September 30 fiscal year):
 FY 2017 FY 2018
 X FY 2019 FY 2020

Project Description: (including length if applicable):

This project consists of paving a 2-lane section with paved shoulders on County Home Road (E34) from just east of N. Center Point Road easterly 6.5 miles to bridge 2238 over Indian Creek. Traffic signals at intersections with C Ave Ext., Alburnett Road, and N. 10th Street will be included with this project.

Project Category

Check all boxes that apply to your project.

STP Projects

New road construction
 Road replacement or reconstruction
 New bridge construction
 Bridge replacement or reconstruction
 Expansion of transit facilities
 Purchase of transit capital

Project Cost

1. Indicate projected project cost:

Item	Cost	Explanation
Land/site acquisition costs	\$	
Construction/material costs	\$4,869,655	
Engineering/consulting costs	\$	
Capital acquisition (explain)	\$	
Other (explain)	\$	
Total Cost	\$4,869,555	

2. Indicate proposed cost share (the total of local and federal share shall equal the project cost shown above):

	Local Share	Federal Share Requested	Total
Project Cost	\$973,931	\$3,895,724	\$4,869,655
% of Project Cost	20%	80%	100%

Narrative Information

1. Write a brief narrative of the project. Describe the current conditions and an outline of the proposed project concept. In addition, describe the existing demand for the project (i.e. description of users, current service conditions, anticipated service counts). Include a description of the anticipated time schedule for planning, design, and proposed completion of the project.

The current (2013 IDOT) AADT for this section of County Home Road (E34) is 5,800 to 6,900 with approximately 10% truck traffic. The existing structure is made up of the following:

1964: 6" Rolled Stone Base
 1964: 3" Hot Mix Asphalt
 1971: 1.5" Hot Mix Asphalt
 1978: Seal Coat
 1987: 2" Hot Mix Asphalt
 2003: 2.5" Hot Mix Asphalt

The proposed project will consist of paving a 2-lane section with paved shoulders and installing traffic signals (5-lane sections) at intersections with C Ave Ext., Alburnett Road, and N. 10th Street.

Increasing traffic counts (2025 project AADT = 15,000) for this roadway section is requiring a more

substantial rehabilitation of the roadway and traffic signals to promote a favorable traffic progression.

A Spring 2019 letting date is anticipated with completion during calendar year 2019.

2. Describe below why the sponsoring agency is applying for funding. Include a description of how this project will allow the sponsor to meet the stated need (i.e. transportation safety improvements, improved economic development opportunities, reductions in energy consumption, development of alternative transportation modes, improved mobility of the general public and/or persons with disabilities, enhanced distribution of regional products, or improved inter-regional cooperation).

County Home Road serves as a direct route from I-380 to Iowa Highway 13 connecting the east and west sides of the Cedar Rapids Metropolitan area.

Increasing traffic counts (2025 project AADT = 15,000) for this roadway section is requiring a more substantial rehabilitation of the roadway and traffic signals to promote a favorable traffic progression.

All construction will take place within with existing right-of-way and possible temporary construction encroachments where topography allows. The paved shoulders will allow for bicycle travel.

The proposed project will provide a renewed pavement with an anticipated service life of 30 years.

3. Has any part of this project been started? X No Yes, explain below

Certification

To the best of my knowledge and belief, all information included in this application is true and accurate, including the commitment of all physical and financial resources. This application has been duly authorized by the participating local authority. I understand that this endorsement binds the participating local government(s) to assume responsibility for adequate maintenance of any new or improved facilities.

I understand that although this information is sufficient to secure a commitment of funds, an executed contract between the applicant and the Iowa Department of Transportation (Iowa DOT) is required prior to the authorization of funds. I also understand that any expenses incurred prior to said contract will not be eligible for reimbursement. In addition, if the project contract with the Iowa DOT is not signed within three years of the original programming, I understand that funding may be withdrawn.

Representing the Linn County Secondary Road Department


Signature

 12-14-15
Date

 Bradley J. Ketels, Linn County Assistant Engineer
Typed Name and Title

 December 14, 2015
Date



Secondary Road Department
Linn County, Iowa

Steven M. Gannon, P.E. – Linn County Engineer
Bradley J. Ketels, P.E. – County Engineer – Administration
Ben Merta – Operations Superintendent
Nichole L. Brown – Office Manager / Financial Analyst

Secondary Road Department
1888 County Home Road
Marion, Iowa 52302-9753

December 14, 2015

East Central Iowa Council of Governments
Attn: Mary Rump
700 16th Street NE, Suite 301
Cedar Rapids, IA 52402

Subject: FY 2017-2020 Regional STP Project Application

Mary:

Enclosed is an application for a previously programmed Linn County project for the 2017-2020 Regional Surface Transportation Program.

Below is a summary of current Linn County STP projects since the last application cycle.

Approved

Road Name: Ely Road (W6E)

TPMS #: 20610

Location: On W6E from 2000' south of Linn/Johnson County line north to southern Ely City limits and from northern Ely City limits to Cedar Rapids city limits for a total of 2.6 miles.

Project Estimate: \$2,025,000 (Federal Share = \$888,000 - FM/Other funds = \$1,137,000)

Project Schedule: Currently in the STIP as a FY 2016 project. The project is scheduled for a March 15, 2016 letting and completion in calendar year 2016

Approved

Road Name: Mount Vernon Road SE (E48)

TPMS #: 18116

Location: On E48 from East Post Road to Vernon Valley Drive

Project Estimate: \$1,172,762 (Federal Share = \$938,210 - Local Share = \$234,452)

Project Schedule: Currently in the STIP as a FY 2017 project. The project is scheduled for a Spring 2017 letting and completion in calendar year 2017

Previously Approved and Re-Submitted (originally submitted in 2016-2019 application cycle)

Road Name: County Home Road (E34)

TPMS #: 20616

Location: On E34 from N. Center Point Road to Indian Creek Bridge

Project Estimate: \$4,869,555 (Federal Share = \$3,895,724 - FM/Other Funds = \$973,931)

Project Schedule: The project is scheduled for a Spring 2019 letting and completion in calendar year 2019.

Notes: This project is being resubmitted due to a change in project limits and funding amounts.

Please let me know if you have any questions regarding this submittal.

Sincerely,

Brad Ketels

Brad Ketels, P.E.
Linn County Assistant Engineer
Encl. (1)
Cc: Project File



