Dixie MPO
CONCEPT REPORT FY 2015 - 2016

PROJECT INFORMATION

A. PROJECT TITLE: River Road and Bridge Widening (Riverside Drive to 1450 South)

B. DESCRIPTION: Widen River Road to 3 lanes in each direction with dual-lefts on northbound left at Riverside Drive and dual lefts on southbound left at 1450 South. Widen River Road bridge to accommodate 2 additional lanes for automobile traffic and wider pedestrian crossings.

C. LOCATION
River Road from Riverside Drive to 1450 South

D. SPONSOR: St. George City

E. COST ESTIMATE: $5,600,000 ESTIMATE DATE 10/21/2015 Explain:

F. FUNDS APPLYING FOR
Small Urban,

☐ Other (list)
☐ (check all that apply):
☐ Click here to enter text. FTA 5307, 5309, 5310, or 5311

G. PROJECT MANAGEMENT
Contact Person: Cameron Cutler
Phone Number: 4356274052
Mobile Phone: 4357031114

d. Fax Number: Click here to enter text.
e. E-mail Address: cameron.cutler@sgcity.org

H. INCLUSION IN LONG-RANGE PLAN (LRP)
a. IS THE PROJECT IN THE LONG RANGE PLAN? YES
   Explain: The project is part of the River Road Corridor.

I. IS THE PROJECT NEW, AN IMPROVEMENT, EXPANSION OR REHABILITATION TO AN EXISTING SYSTEM? Explain: The project is considered an expansion or widening project. It consists of widening River Road between Riverside Drive and 1450 South including bridge widening and intersection widening to accommodate dual left turn lanes at Riverside Drive and at 1450 South.
J. WHAT ARE THE PHYSICAL ASPECTS OF THIS PROJECT?

1. Road:
   a. Facility Design elements Bridge widening and additional travel lanes
   b. ADT 35,500
   c. LOS D
   d. Functional Class Arterial
   e. Design Speed 50
   f. Accident Rate unknown
   g. Other Click here to enter text.

2. Transit:
   a. Rolling Stock Specification none
   b. Facility Design none
   c. Usage none

3. Pedestrian/Bicycle/Trail:
   a. Facility Design Upgrade Bridge to accommodate pedestrian crossing to Virging River Trail System.
   b. Usage none

4. Park & Ride
   a. Facility Design none
   b. Usage none

K. Please provide plans, sketches, aerials or designs with this concept report to assist in the evaluation of this project. Yes

L. How will the facility, system or equipment be maintained when completed and open for service?
   The City of St. George will continue to maintain the roadway.

ADT = Average Daily Traffic
LOS = Level of Service A thru F
Accident Rate = per million vehicles miles traveled or million vehicles entering
RESPOND TO THE FOLLOWING FOR ANY PROJECT:

PROJECT TITLE: River Road and Bridge Widening (Riverside Drive to 1450 South)

1. Describe how the project is consistent with local plans: The project is part of the City’s master plan and has been included in the City’s River Road Capacity Study dated July 2014.

2. To what extent is the project Regionally Significant? River Road is a major north/south arterial roadway connecting Red Cliffs Drive at MP 8 on I-15 on the north with Brigham Road and the Southern Parkway on the south. The traffic volumes range from approximately 36,000 vpd to 16,000 vpd. The ADT in the location of the project is approximately 35,500 vpd.

3. Purpose and Need

   A. Describe the need for the project: Level of Service on River Road is approaching F and will require this project in the near future.
   
   B. Describe the purpose of the project: Increase the Level of Service on River Road between Riverside Drive and 1450 South.

1. Is there any right-of-way or property purchase required? Yes Explain? Some ROW may need to be purchased south of Riverside Drive on the west side of the roadway.

2. Is there any utility work or utility impacts? Unknown Indicate who will do the work and who will pay for it. The cost of the utilities is anticipated to be part of the project. It is also anticipated that the utility costs will be minor.

6. To what extent will access management be improved by this project? Access Management is already established in this section of roadway.

7. To what extent will this project improve transportation system Safety? Level of Service will be increased leading to better driver behavior.

8. Describe how this project will improve the existing transportation system as it relates to the following:
   a. Mobility Improved pedestrian access on River Road Bridge is expected.
   b. Inter-connectivity Improved traffic flow between Riverside Drive and 1450 South.
   c. Circulation Better level of services at intersection and roadway.
   d. Facility Usage Pedestrians using the Virgin River Trail System will have better access.
   e. Level of Service Increased Level of Service.
   f. Environment Less vehicle idling because traffic free flow will be increased.