

**Dixie MPO
CONCEPT REPORT
FY 2017 - 2018**

PROJECT INFORMATION

- A. PROJECT TITLE:
100 SOUTH I-15 UNDERPASS
- B. DESCRIPTION:
Widen or modify existing I-15 structure at 100 South underpass to improve pedestrian and vehicle safety. Would also improve drainage on I-15
- C. LOCATION
100 South and I-15 Underpass
- D. SPONSOR: St. George City
- E. COST ESTIMATE: \$ 1,274,260.00 ESTIMATE DATE 10/23/2017
Explain: Assumes foundation and abutment of I-15 bridge will not require modification.
- F. FUNDS APPLYING FOR (check all that apply):
 Small Urban, Other (list [Click here to enter text.](#))
 FTA 5307, 5309, 5310, or 5311
- G. PROJECT MANAGEMENT
a. Contact Person: Jay Sandberg
b. Phone Number: (435)627-4121
c. Mobile Phone: (435)703-2672
d. Fax Number: [Click here to enter text.](#)
e. E-mail Address: jay.sandberg@sgcity.org
- H. INCLUSION IN LONG-RANGE PLAN (LRP)
a. IS THE PROJECT IN THE LONG RANGE PLAN YES
Explain: 100 South is designated on the UDOT Functional Classification Map.
- I. IS THE PROJECT NEW, AN IMPROVEMENT, EXPANSION OR REHABILITATION TO AN EXISTING SYSTEM? Explain: This project is an improvement and expansion of 100 South as it goes under the I-15. The current underpass is very narrow and is not bicycle or pedestrian friendly. Drainage is poor and has during heavy storms flooded business and created ponding water on the roadway.
- J. WHAT ARE THE PHYSICAL ASPECTS OF THIS PROJECT?
1. Road:

- a. Facility Design elements Bridge Construction
- b. ADT 22,350
- c. LOS C
- d. Functional Class Arterial
- e. Design Speed 30
- f. Accident Rate [Click here to enter text.](#)
- g. Other [Click here to enter text.](#)

2. Transit:

- a. Rolling Stock Specification N/A
- b. Facility Design N/A
- c. Usage N/A

3. Pedestrian/Bicycle/Trail:

- a. Facility Design Construct a more functional roadway with additional shoulder for cyclists and wider sidewalks for pedestrians.
- b. Usage Auto Traffic, Pedestrians and Bicyclists.

4. Park & Ride

- a. Facility Design N/A
- b. Usage N/A

- K. Please provide plans, sketches, aerials or designs with this concept report to assist in the evaluation of this project. No
- L. How will the facility, system or equipment be maintained when completed and open for service? City maintained.

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: 100 South @ I-15 Underpass

1. Describe how the project is consistent with local plans: 100 South is located on the UDOT Functional Classification Map.
2. To what extent is the project Regionally Significant? Improves safety, including pedestrian and bicycle safety.
3. Purpose and Need
 - A. Describe the need for the project:: Improves safety, including pedestrian and bicycle safety.
 - B. Describe the purpose of the project: Improves safety, including pedestrian and bicycle safety.
4. Is there any right-of-way or property purchase required? No Explain? N/A
5. Is there any utility work or utility impacts? Unknown Indicate who will do the work and who will pay for it. Impacted utility providers.
6. To what extent will access management be improved by this project? No access in the improvement area.
 7. To what extent will this project improve transportation system Safety? Improves safety, including pedestrian and bicycle safety.
8. Describe how this project will improve the existing transportation system as it relates to the following:
 - a. Mobility Will increase mobility by enhancing much used walkways between the university services and housing.
 - b. Inter-connectivity Will increase mobility by enhancing much used walkways between the university services and housing
 - c. Circulation N/A
 - d. Facility Usage Safety
 - e. Level of Service Increase Level of Service
 - f. Environment [Click here to enter text.](#)

100 South at I-15 Under Pass

