

## **FY 2015-2018 Transportation Improvement Program**

The City of Leon Valley is applying for grant funding for the FY 2015-2018 Transportation Improvement Program to assist with the reconstruction of Evers Rd. (Forest Dell to North of Huebner Rd.). The project will improve the street conditions; improve drainage; link with other trails system and improve pedestrian accessibility to sidewalks. The estimated project cost is \$5,085,668. The City of Leon Valley will provide a local match of 50% or \$2,542,834.

### **Background**

Evers Rd. is a four lane minor arterial street that serves as a North/South connection between Huebner Rd. and Loop 410. The street is approximately 1.2 miles in length (6,336 linear feet); has 2 travel lanes in each direction and is approximately 44 feet wide. Evers Rd. is parallel to Bandera Rd., and serves both the residents of the City of Leon Valley and the City of San Antonio as an alternate route, especially during peak traffic periods. The most recent traffic counts taken in March 2013 indicate that Evers Rd. has approximately 9600 average daily vehicle traffic counts. Accident data reflects a total of 113 accidents since January of 2010 (34 months).

Evers Rd. provides a critical linkage to key utility operations to include the City of Leon Valley Public Works Department, City Public Service transformer station, and San Antonio Water System Northwest Service Center. It also provides an important connection to three schools— John Marshall High School, Pat Neff Middle School, and Leon Valley Elementary School. In addition, the Northside Independent School District has administrative offices located at 5900 Evers Rd.

At Evers Rd. and Poss Rd., Evers Rd. crosses over Huebner Creek—a tributary to Leon Creek. At this location is Raymond Rimkus Park, a 42 acre, Multi-use Park that serves an estimated 30,000 citizens of Leon Valley and San Antonio. A hike and bike trail has been constructed that links nearby neighborhoods with the Park, and currently plans are in design to extend the hike and bike trail an additional 1.5 miles to connect to the historic Huebner - Onion house complex and the City of San Antonio's Leon Creek Trail System.

### **Existing Conditions**

The three major areas to be addressed in this Roadway Rehabilitation Project are pavement, drainage and sidewalks with the existing conditions are discussed in the following.

#### **Pavement**

The pavement condition of Evers Rd. is poor.

- The street section consists of 8 to 10 inches of base materials and 2 to 4 inches of final asphalt.

- There have also been numerous utility repairs made along Evers Rd. with base failures occurring as a result of trenches settling.
- Evers Road has numerous locations where the base has failed and repairs were made.
- VIA Metropolitan Transit operates along the street and there are locations where significant pavement failures at bus stops had occurred.



***Illustration of typical street condition along Evers Rd.***

### **Drainage**

The drainage on Evers is accomplished by either drainage pipe systems or curb and gutter surface drainage.

#### **Curb, Gutter, Piping**

- A large portion of the curb and gutter system is in poor condition because of cracking and settling consistent with failing base materials.
- There is no visual evidence or information provided which gives indications of any drainage pipe system failures.

#### **Drainage at Huebner Creek**

Another area along Evers Rd. that poses a drainage challenge is located at the bridge over Huebner Creek near Poss Rd. A review of the 2 foot contours for the area reflects that the drainage in the area is very flat. The downstream channel which goes through the park is narrow and shallow. Most of the flood producing storms that occur over the Huebner Creek watershed are experienced in the spring and fall. The higher floods that have occurred in this area have resulted from generally heavy rains during this time; however, severe flooding can be produced by intense local thunderstorms, which often results in the closing of the road.

This results in additional traffic offloading onto Bandera Rd., and significant disruption to emergency services.



***Evers Rd. Street closure due to flooding of Huebner Creek.***

### **Sidewalks**

Many of the sidewalks along Evers Rd. are in need of repair. In some locations, no sidewalks exist, causing gaps in continuity. In addition, portions of existing sidewalks are not compliant with the Americans with Disability Act (ADA).



## Proposed Improvements

1. **Street:** This project will remove and replace the entire pavement section for the entire length of Evers Road. The street materials will be removed to a depth of 12 inches and replaced with new materials. 10 inches of asphalt treated base and 2 inches of hot asphalt will be installed.
  - a. There will be numerous **driveways** that will be replaced.
  - b. New **traffic markings** will have to be installed including at pedestrian crossings.
  - c. Traffic signage will be replaced as required.
  - d. **Curbs** must be replaced as required.
  - e. At **bus stop locations**, the street pavement section must be designed and constructed to support bus traffic. (Typically concrete bus pads are provided at the bus stop.)
  
2. **Sidewalks:**
  - a. The existing sidewalks will be replaced where required.
  - b. New sidewalks will be added where they currently do not exist.
  - c. All sidewalks whether new or existing will be **ADA compliant**.
  
3. **Drainage:** The drainage issue at Rimkus Park will be remedied by **building a bridge** over the drainage channel. YPR considered the option of widening, deepening and realigning the channel through the park but it is very expensive; requires extensive permitting and will have numerous environmental and regulatory hurdles to overcome. **Elevated walk paths** shall be included in the bridge project.

***Find attached Map Exhibit depicting locations and improvements.***

### Summary of Costs

YPR estimates that the total cost of the project is **\$5,085,667.58**. A preliminary cost estimate is attached.

- Design - **\$ 503,985.08**
- Construction - **\$4,581,682.50**

### Schedule

YPR estimates that the total duration of project is 30 months.

- Design and Bidding - **12 months**
- Construction - **18 months**