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*PPRTA QUARTERLY REPORT*  
*El Paso County Public Services Department*

1st Quarter  
May 2014



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PROJECTS AND PROGRAM UPDATE  
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## Executive Summary

The first quarter saw continued progress with the County's PPRTA capital projects as well as commencement of the 2014 maintenance program.

Construction for the second phase of the **Hodgen Road** project, which includes safety improvements between Bar X Road and Goshawk Road East and the intersection of Meridian and Hodgen, was shut down for the majority of the first quarter due to frozen conditions. Final stabilization will occur in Spring 2014 as weather permits.

Final design for the **Baptist Road (West)** project is progressing in anticipation of advancing the project into construction in the 3<sup>rd</sup> quarter. The project team also advanced efforts to obtain a grant under the Department of Local Affairs Energy and Mineral Impact Assistance Program by presenting the project to the review committee in March. A decision on the grant application is expected in April.

The **County Line Road** project was advertised for construction in March with bids anticipated in mid April and award in May. A Request for Proposals (RFP) for Construction Management, Inspection and Testing services was also advertised with a contract award anticipated in April. To date, we have successfully obtained the required property and easements on 12 of the 14 properties. The MOU between El Paso County and Douglas County has been executed.

Final design for the **Marksheffel Road (South)** improvements is well underway including resolution of numerous utility conflicts that will require relocations by various utility companies. Additional ROW and easement needs necessary for construction of the recommended improvements are being finalized and legal descriptions for acquisitions are being prepared. Construction is targeted to begin in 2014.

El Paso County Engineering Division has progressed to the final design phase for the **Stapleton Drive (East)** project which will extend Stapleton Drive from SH24 east to the intersection of Curtis Road/Judge Orr Road. The plan set has been distributed for final review. Property acquisition is underway. It is anticipated that the project will be advertised for construction in 2014.

Significant work was completed in the first quarter with respect to planning and contracting with vendors for the **2014 maintenance program**. Several maintenance contracts will be advertised for approval by the PPRTA during the second quarter.

Significant work was completed in the first quarter of 2014 with respect to the 2013 maintenance program. The 2013 Asphalt Overlay Program and 2013 Concrete Surface Drainage Program are underway. Asphalt patching was completed on Academy Boulevard and work completed on the Concrete Surface Drainage Program consisted of 5,756 linear feet of curb and gutter, 2,195 linear feet of sidewalk, 3 cross pans, and 13 pedestrian ramps.

## Capital Programs PPRTA Budget Summary

The following table summarizes the cumulative program budget through 2014 for each project and identifies the current status of the project.

| Project Name  | Cumulative Budget Thru 2014 | Status             |
|---|-----------------------------|--------------------|
| Baptist-Hodgen Connection                                       | 2,062,003                   | Completed          |
| Akers Drive   | 1,714,614                   | Completed          |
| South Metro Accessibility                                       | 25,017,190                  |                    |
| Phase I- Westmeadow Br.   |                             | Completed          |
| Phase II- SH 115 to B St.                                       |                             | Completed          |
| Phase III- PPCC to I-25   |                             | Completed          |
| Phase IV- B St to PPCC  |                             | Completed          |
| County Line Road Upgrade I-25 to Furrow Road                    | 8,400,000                   | Advertised for Bid |
| Meridian Road Widening Woodmen Rd to Rex Rd                     | 8,113,409                   | Completed          |
| Hodgen Road Upgrade SH 83 to Eastonville ***                    | 20,165,180                  |                    |
| Phase I – SH83 to Blk Forest                                    |                             | Completed          |
| Phase II – Bar X to Goshawk & at Meridian                       |                             | Construction       |
| Baptist Road Widening I-25 to Tari Dr                           | 8,568,100                   | Completed          |
| Struthers Extension/Jackson Creek Falcon Nest to Baptist Road   | 3,714,500                   | Completed          |
| Marksheffel Road Widening & Extension PAFB to Black Forest Road | 19,100,209                  | Completed          |
| Baptist Road Widening Mitchell Ave to I-25                      | 544,729                     | Design             |
| Baptist Rd RR Xing Overpass at BNSF/ UP / Monument Creek        | 6,331,241                   | Design             |
| Meridian Road Extension Falcon Hwy to US 24                     | 513,411                     | Design             |
| Stapleton Drive (West)- Eastonville Rd to US 24                 | 2,343,267                   | Completed          |
| Marksheffel Road Widening Mesa Ridge Pky to Hwy 24              | 30,416,000                  | Design             |
| Stapleton Drive (East)- US 24 to Curtis Road                    | 5,250,000                   | Design             |

**Project Status Reports**  
**Capital Projects**

**Hodgen Road Corridor Improvements**

**Project Description:** The second phase of this project consists of safety improvements on Hodgen Road from Bar X Road through Goshawk Road East and the Hodgen Road / Meridian Road intersection. The first phase of this project (completed December 2011) consisted of safety improvements from SH 83 to Black Forest Road.

**Project Team:**

Designer: URS Corporation

Construction Management: Wilson and Company

Construction: R.E. Monks Construction Company

**Cost Summary:**

- PPRTA budget - \$20,165,180

**Phase 2 (in progress)**

- Total estimated project cost - \$ 7.8 M
- Design/Property Acquisition Contracts authorized - \$ 913,978
- Construction Management Contracts authorized - \$ 548,590
- Construction Contract authorized - \$4,905,896

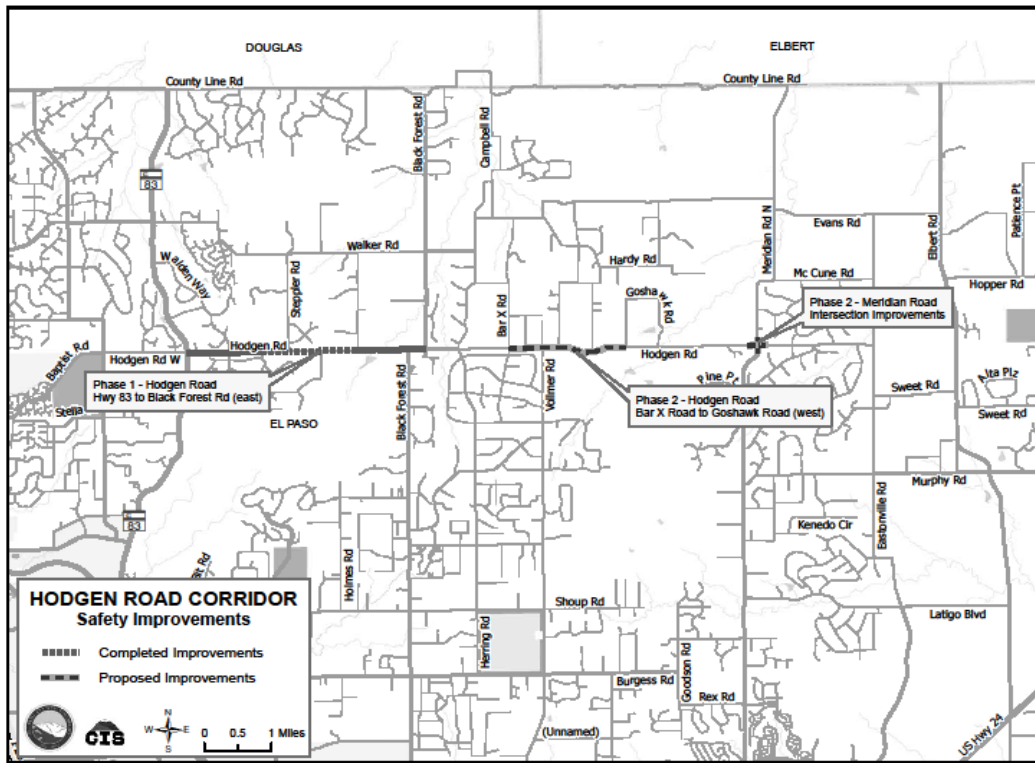
**Phase 1 (completed)**

- Phase 1 project cost - \$11.6 M

**Progress/Status:**

- Construction was substantially completed in December 2013.
- Project was shut down for the winter freeze.
- Final stabilization and seeding will occur in spring 2014, weather permitting.

**This phase of the project will provide improved safety by providing adequate horizontal and vertical sight distance, shoulders, appropriate auxiliary lanes at intersections and overall drainage improvements.**



## **Baptist Road (West)**

**Project Description:** This project consists of two of the A-list projects: Baptist Rd widening from Interstate 25 to Forest Lakes Drive and the Baptist Road railroad crossing at the BNSF railroad. This project will include a grade separated crossing of this single road access into the Twin Valley Sub-Area west of the railroad. In addition, this project will evaluate the roadway improvements needed between the tie-in at Forest Lakes Drive and I-25 including intersection improvements at Old Denver Highway.

### **Project Team:**

Designer: Felsburg, Holt & Ullevig (FHU)

### **Cost and Schedule Summary:**

PPRTA budget - \$6,875,970

BRRTA contribution \$750,000 (supplemental to above)

Contracts authorized - \$1,116,496

### **Progress/Status:**

- Final design of the proposed improvements is underway. The proposed improvements include a roundabout at the Baptist Rd/Old Denver Highway Intersection and a grade separated crossing of the Union Pacific railroad tracks and Monument Creek just north of the existing road.
- Design is expected to be completed during the second quarter of 2014 with construction starting later in the year.
- The project team presented the project to the grant application review panel in support of its grant application under the Department of Local Affairs Energy and Mineral Impact Assistance Program.
- Coordination with key stakeholders including the UPRR, utility companies, the Town of Monument and adjacent property owners continues.
- A draft application to the Public Utility Commission related to the grade separated crossing has been prepared and will be submitted in April.
- Wetlands permit application along with a biological assessment related to the Prebles Meadow Jumping Mouse has been submitted to the USACE for review.



**BAPTIST ROAD WEST**  
40 MPH HORIZONTAL CURVE WITH OLD DENVER ROUNDABOUT



**Baptist Rd West – Proposed Improvements**



**Baptist Road – Existing at-grade RR crossing**



## County Line Road

**Project Description:** This project will institute safety improvements along the corridor between I-25 and Furrow Road to include adding shoulders, revisions to the vertical profile and horizontal alignments, drainage improvements, providing turn lanes at key intersections and major reconstruction and widening of the intersection at Furrow Road.

### Project Team:

Designer: Stantec Consulting

### Cost Summary:

- PPRTA budget - \$8,400,000
- Contracts authorized - \$927,176
- Amounts invoiced - \$903,899

### Schedule:

- Property Acquisition- 2013/2014
- Utility Relocation- 2014
- Construction- 2014

### Progress/Status:

- Planned project improvements will include adding shoulders, reconfiguring the horizontal and vertical profiles in the area just west of Furrow Road and realigning the intersection at Furrow Road including providing turn lanes to accommodate the future traffic needs.
- Property acquisition continues with 12 of the 14 parcels completed (7 of 7 in El Paso County and 5 of 7 in Douglas County). Efforts to obtain the needed ROW and easements on the 2 remaining parcels continue.
- Coordination with Douglas County representatives, utility companies and impacted property owners continues. We anticipate utility relocations to commence in April.
- The Memorandum of Understanding (MOU) between El Paso County and Douglas County concerning the project roles and responsibilities has been executed.
- A Request for Proposals (RFP) for Construction Management/ Inspection and Testing services was advertised this quarter, with an anticipated contract award in April.
- The Invitation for Bid (IFB) for construction of the improvements was advertised this quarter, with a contract award and commencement of construction anticipated in May.



**County Line Rd at Furrow Rd**

## Marksheffel Road (South)

**Project Description:** This project will access, document, design and construct the transportation and safety improvements for the 11 mile corridor that extends from SH 24 to the future connection with Mesa Ridge Parkway and will also include the short stretch of roadway beyond this future connection to the existing terminus at C&S and Link Road on the south.

### Project Team:

Designer: Parsons Brinkerhoff

### Cost and Schedule Summary:

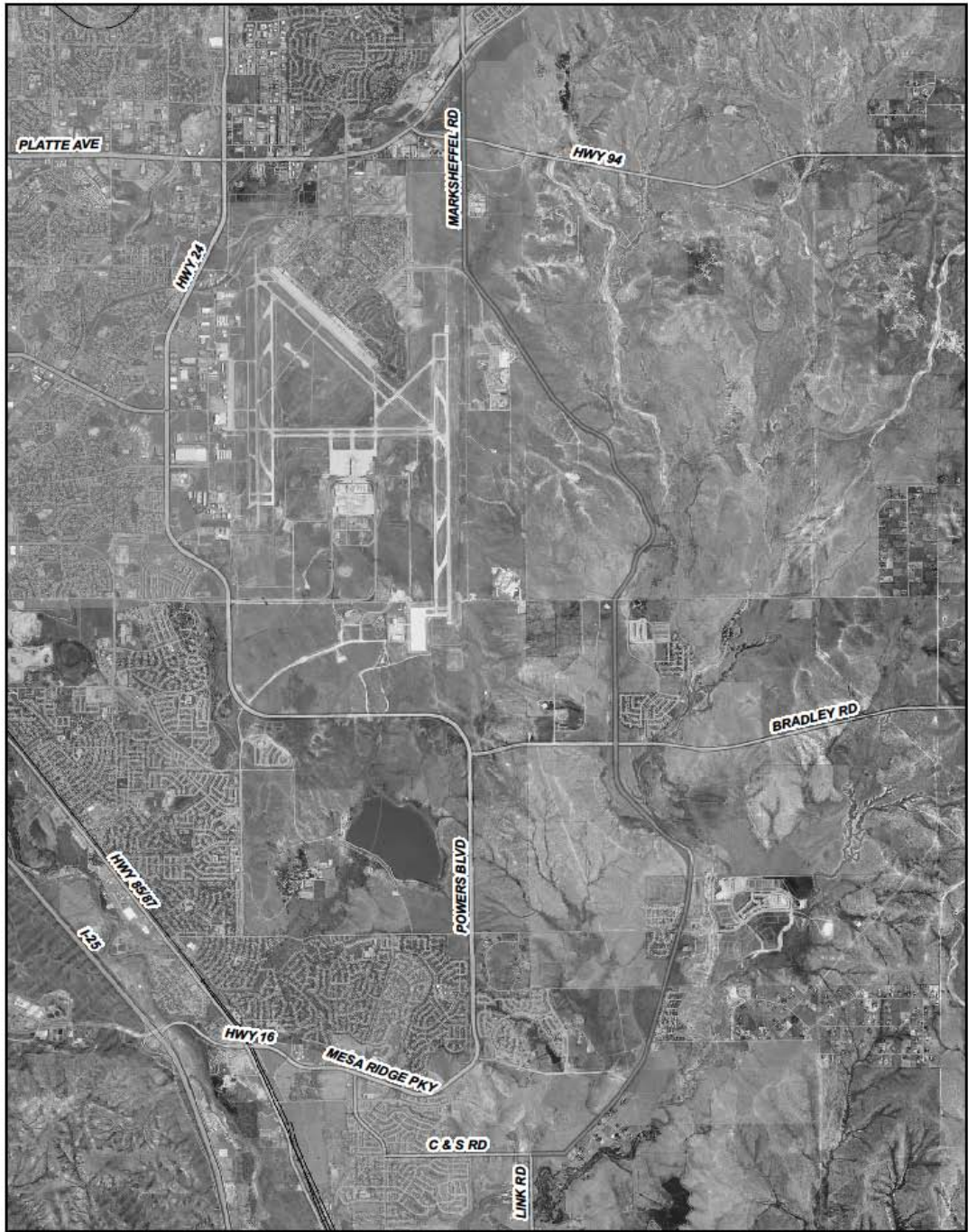
PPRTA budget - \$30,416,000

Contracts authorized - \$ 3,029,069

- Construction - 2014/2015

### Progress/Status

- Final edits for the corridor planning study document are being completed. When completed, the report will be posted on the project website:  
[www.marksheffelroadsouth](http://www.marksheffelroadsouth).
- Final design for the proposed improvements is underway. The recommended improvements for the project are broken into four zones:
  - Zone 1 – US 24 to Peterson Air Force Base (PAFB) east gate – this section will be reconstructed to 4 lanes with auxiliary lanes and signal modifications at the intersections.
  - Zone 2 - PAFB east gate to Drennan - will remain a 2 lane section but will be reconstructed to add shoulders and to reconfigure some of the severe horizontal curves. The north leg of the Drennan Rd. intersection will be realigned.
  - Zone 3 – from the existing 4 lane section south of Bradley to the future Mesa Ridge Parkway connection - will be reconstructed to a 4 lane section with shoulders. The severe horizontal curve just south of the existing 4 lane section will be realigned. The Fontaine intersection will be reconfigured to improve channelization and install permanent mast arm signals.
  - Zone 4 – future Mesa Ridge Parkway connection to Link Rd/C&S intersection – will remain a 2 lane section but will be reconstructed to add shoulders and to reconfigure the severe horizontal curve just east of the Link Rd/C&S intersection.
- ROW and easement needs along the corridor are being finalized and legal descriptions are being prepared.
- Significant utility conflicts requiring relocation have been identified and the design team is coordinating relocation plans with the various utility companies.
- Coordination with CDOT related to improvements at US 24 and SH 94 continues and applications for access permits are being finalized.
- Project coordination with the key governmental entities along this corridor continues. Key governmental stakeholders include El Paso County, City of Colorado Springs, City of Fountain, CDOT, Pikes Peak Area Council of Governments, and Peterson Air Force Base.



### Marksheffel Road Corridor

04/17/2012



1 inch equals 4,333.33 feet



#### Legend

- |                      |             |                      |
|----------------------|-------------|----------------------|
| Marksheffel Corridor | Runways     | Park Property        |
| Major Roads          | Lake        | Pike National Forest |
| Other Roads          | Stream Area | Military Reservation |
| Private              | Streams     | Incorporated         |
| Railroad             |             |                      |

## **Stapleton Drive Extension (East)**

**Project Description:** Stapleton Drive west of SH24 was completed in 2011. This project will extend Stapleton Drive from SH24 to Curtis Road at Judge Orr Road.

### **Project Team:**

Designer: El Paso County Engineering Division

### **Cost Summary:**

PPRTA budget - \$ 5,250,000

Contracts authorized - \$ 217,031.19

### **Schedule Summary:**

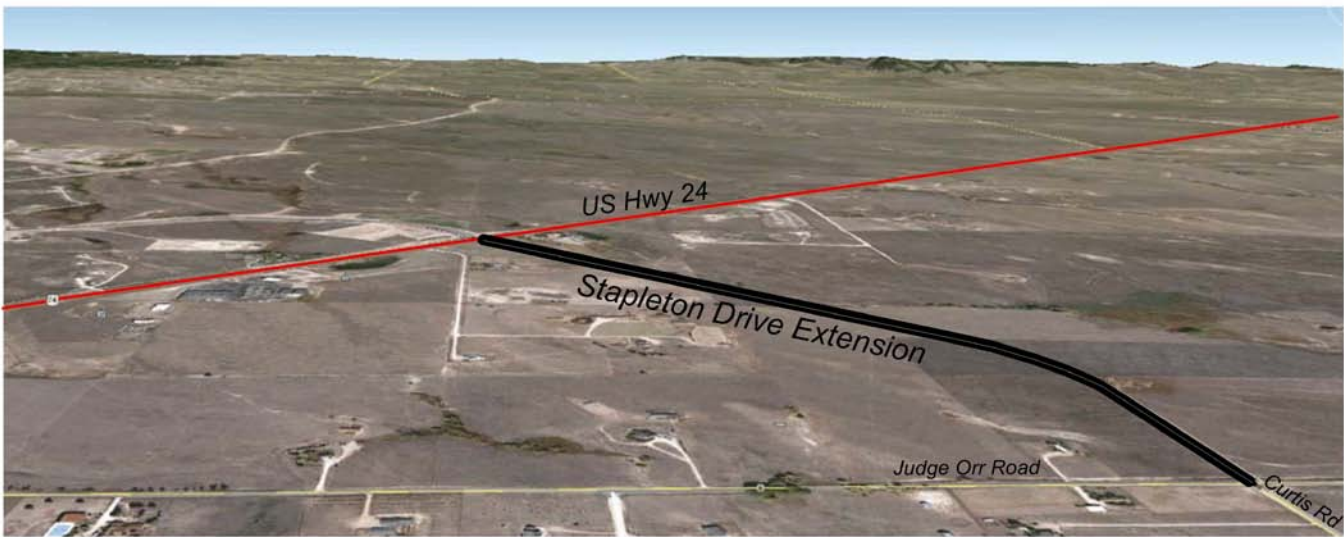
Property Acquisition: In progress

Utility Relocation: Summer 2014

Construction: Anticipated 2014

### **Progress/Status**

- Final design documents have been prepared and distributed for external review. An access permit application for US-24 has been forwarded to CDOT.
- The property acquisition process is underway. Notices of Intent were delivered to the affected property owners in the First Quarter of 2014 and appraisals are being prepared.
- The environmental evaluation of the project area has been completed. The study concluded that wetland mitigation is necessary. The County anticipates mitigation through available credits within its wetland bank.
- A Conditional Letter of Map Revision (CLOMR) has been prepared and submitted to FEMA. A determination from FEMA is anticipated in the second quarter of 2014.
- It is anticipated that the project will be advertised and under construction in 2014.



**Stapleton Drive (East) Extension from US 24 to the intersection of Judge Orr Road and Curtis Road**

## Maintenance Projects

AA Construction Company, during 1st Quarter of 2014 started 6 projects and completed 5 of them. The 2013 Contract awarded to AA Const. Co. in the amount of \$1,007,351.63 with a revised contract amount after CMO's of \$1,449,454.35. To date 99% of Revised Contract Amount is completed with a total spent of \$1,422,984.39. The 2013 Contract has \$26,469.96 and 1 projects remaining, which AA Const. Co. will complete during April 2014.

### **Concrete Surface Drainage completed in 1st Quarter**

#### **Location**

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Willshire Dr. Ascot Dr. to Frontage Rd.  
2646 Glenwood Dr.  
1046 Cambridge Ave.  
Kilgore St. Widefield Blvd to Endpoint  
Watson Blvd. Landoe Ln. to Willis Dr.

*We were able to complete 5,756 Linear Feet of Curb and Gutter, 2,195 Linear Feet of Sidewalk, 3 cross pans and 13 pedestrian ramps in the first quarter.*



**150 Kilgore**



## Asphalt Rehabilitation

### Roads completed in 2014 1st Quarter

**Academy Boulevard Patching-** Milton E Proby Parkway to Interstate 25 (This project consisted of milling and patching asphalt failures on Academy Blvd. Was added by CMO to the 2013 PPRTA Asphalt Rehabilitation contract and done by Rocky Mountain Materials and Asphalt, Inc.)

