



Highway Advisory Commission

Capital Projects Update

El Paso County Public Services Department
Wednesday, January 18, 2012

André P. Brackin P.E., County Engineer

Fountain Mesa Ditch Improvements



Project purpose:

- Replace deteriorating asphalt lining which is costly and time consuming to maintain
- Restore hydraulic performance of the channel and improve aesthetics

Design considerations:

- X-section design balances hydraulics and roadside safety and steep and varying backslopes to fit within a limited space
- Selected a channel lining to withstand high velocities, reduce maintenance, and meet available budget.
- Coordinated closely with Highway Division during design, material procurement, and construction which resulted in an efficient and effective overall project.

Summary

- In House design and construction project. Included the following staff: Survey & Inspection, Design, Procurement, and Highway
- Project projected completion: 1st Quarter 2012

Completed Construction Projects

- Marksheffel Road (North)
- Hodgen Road
- Stapleton Road (West)
- Meridian Road (North)



Hodgen Road

Current Construction Project

- Berridge Road Bridge - Federal
 - Replacing 1935 timber bridge
 - Contract award to RMMA November 2011
 - Work commenced in December 2012
 - Projected completion March 2012
 - Commencing box construction 1/19/2012
 - Inspection and testing being done In-House



Berridge Road Bridge

Current Projects

- County Line Road- PPRTA
 - Final design; construction 2012
- Baptist Road West- PPRTA
 - Corridor study, planning public involvement
- Highway 105- AFR
 - Corridor study, planning 2nd public meeting for February 2012
- Marksheffel Road (South)- PPRTA/Federal
 - PEL study, RFP to be advertised January 2012
- Colorado Avenue- Federal
 - PEL study, RFP to be advertised January 2012
- Stapleton Road (East)- PPRTA
 - Preliminary design, RFP to be advertised 1st quarter 2012
- Meridian Road (North)- PPRTA
 - Final design for Stapleton Road to Rex Road
- Hodgen Road – PPRTA
 - Evaluating the priority of additional safety improvements along corridor
- Meridian Road (South)/Park & Ride- PPRTA/Federal
 - Final design phase