



COLORADO

Department of Transportation

Region 2

Traffic & Safety

US-024G and Stapleton Road
El Paso County

January 27, 2025

Ryan Howser, Principal Planner (ryanhowser@elpasoco.com)
El Paso County Planning & Community Development
2880 International Circle

TNES Response: if the pond is releasing through the emergency spillway (269) and the outlet (37) that means we are greater than a 100-year storm and I am not sure I have to model anything greater than a 100-year event as that is a catastrophic event. In most cases if the spillway is releasing water it means that the outlet is clogged. So I believe the number I have in there are correct $269+151=420$. But I will use 151 up to the spillway 11500 and then 420 until the pipe discharge 11000 then 457. At 9600 I will use the 29.3 from spillway and the release of 14.8 for 501.1. I still don't agree with using both as this is more than a 100-year event

• Report Comments

- **Repeat comment:** The HEC-RAS model does not appear to account for the pond scenarios (100% of 100-year flows passing through emergency overflow). Potential downstream impacts of the proposed ponds to CDOT facilities are unclear.
 - A peak flow of 188 cfs was used for the East channel analysis. The peak flow is 188 cfs, and the peak outfall in the 100-yr event is 37 cfs. If the spillway is releasing water, an additional 200 cfs will be realized into the channel directly upstream of CDOT facilities.
 - Do the channel and the US24 culvert have capacity for this scenario?

Yes, the eastern channel has capacity. Added sentence in report and appendix has x-Sections showing the flow in the channel and also the culvert passing the flow.

Address the hydraulics comments above and resubmit documents as necessary.

Access

- Section 2.6 (Change in Land Use and Access Use) of the State Highway Access Code states the requirements of a new access permit. It states in part that if any significant changes are made or will be made in the use of the property which will affect access operation, traffic volume increases by 20% and or vehicle type, the permittee or property owner will coordinate with the local authority and the Department to determine if a new access permit and modifications to the access are required. **noted**
- An Access Permit is required for this development. The Development shall coordinate with El Paso County Engineer to determine Permittee/Applicant requirements for the Access Application to CDOT. **noted**
- As part of the CDOT Access Permit, the escrow in the amount of \$40,430 will be collected for future intersection improvements. **noted**



Additionally,

- On-premise and off-premise signing shall comply with the current Colorado Outdoor Advertising Act, sections 43-1-401 to 421, C.R.S., and all rules and regulations pertaining to outdoor advertising. Please contact Gabe Martinez at (719) 251-7830 for any questions regarding advertising devices. **noted**
- Any utility work within the state highway right of way will require a utility permit from the CDOT. Information for obtaining a utility permit can also be obtained by contacting Mr. Martinez. **noted**

Please contact me at (719) 546-5440 or teresa.guagliardo@state.co.us with any questions.

Sincerely,

Teresa Guagliardo
Teresa Guagliardo
CDOT R2 Access Management

Xc: Meyers, Patrol 53
Whittlef / Werdel / Roerkohl / Lancaster / file

