

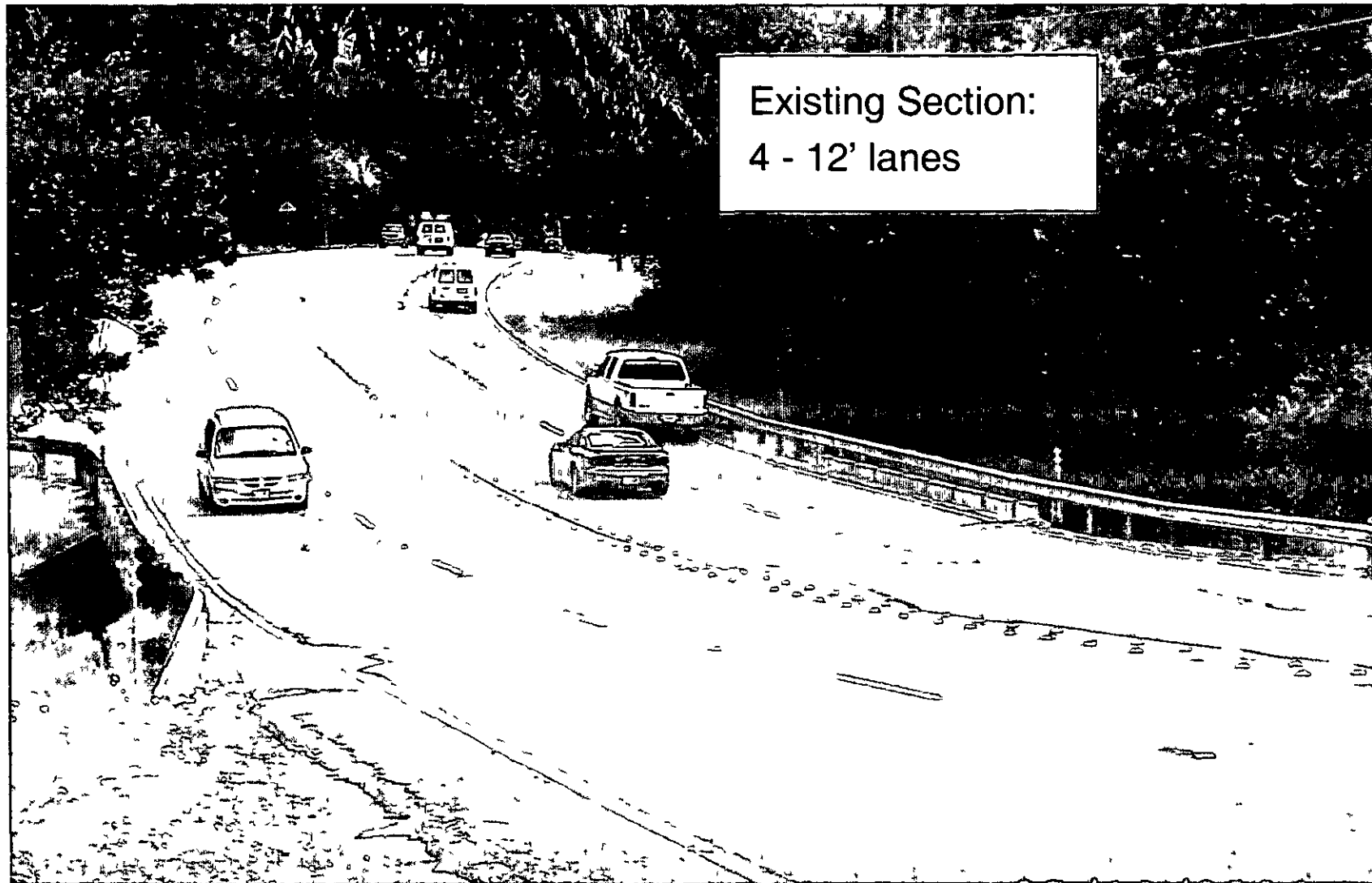


DPW

**Lakewood Drive @ RM 2222
TxDOT Improvement**

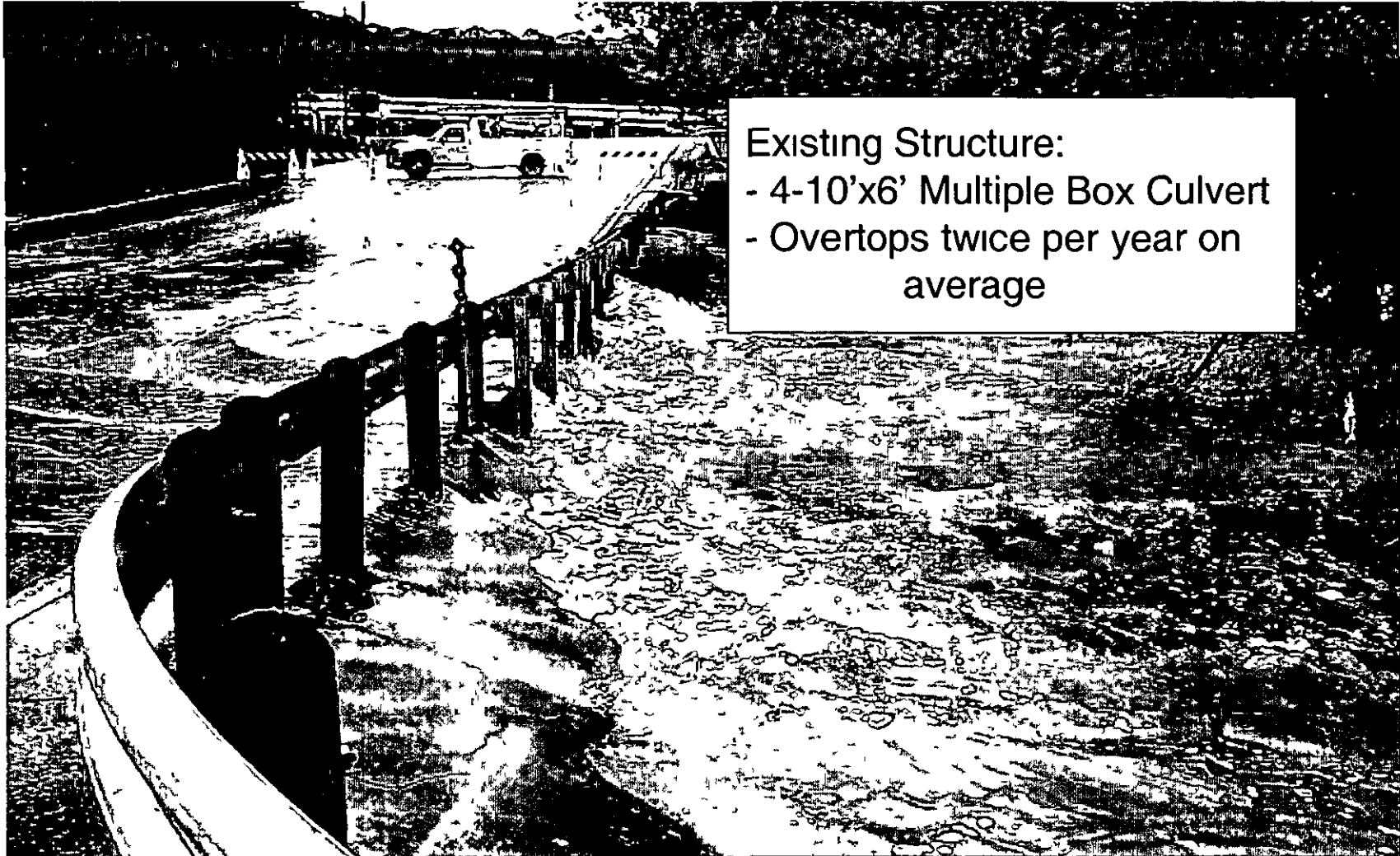


RM 2222 at BULL CREEK

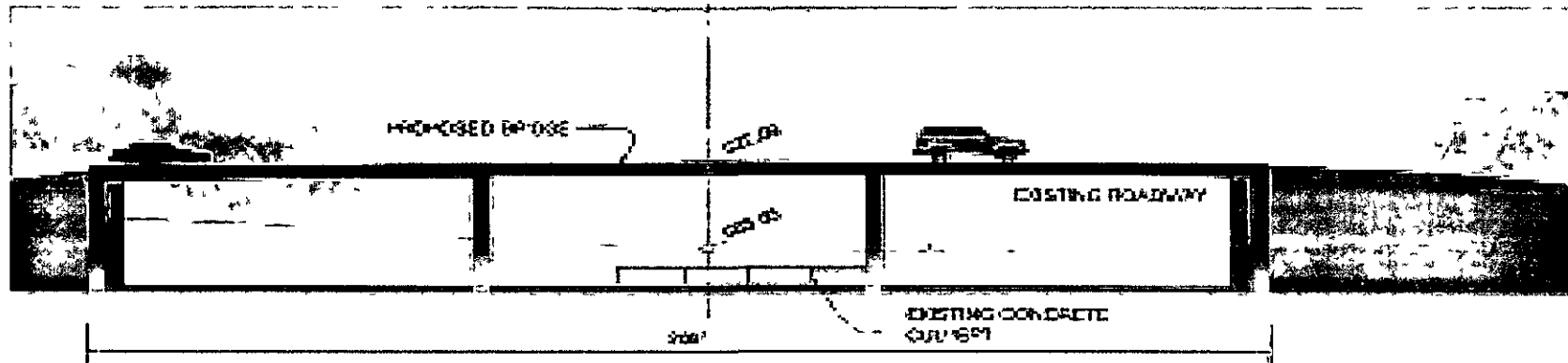


RM 2222 at BULL CREEK

Existing Structure



RM 2222 at BULL CREEK



PROPOSED STRUCTURE

- 3-69.3' Spans (207.9' Overall)
- Concrete I-Beams
- Concrete Rail with Pedestrian Handrail
- Top of Bridge raised 19'
- Passes 100 year event
- Vertical Abutments

TxDOT Options

- **Connect Lakewood with Ramp (Staff recommendation)**

- Maintains response times
- Preserves access to Bull Creek Park
- Preserves alternative route
- Avoids shifting traffic to nearby neighborhoods

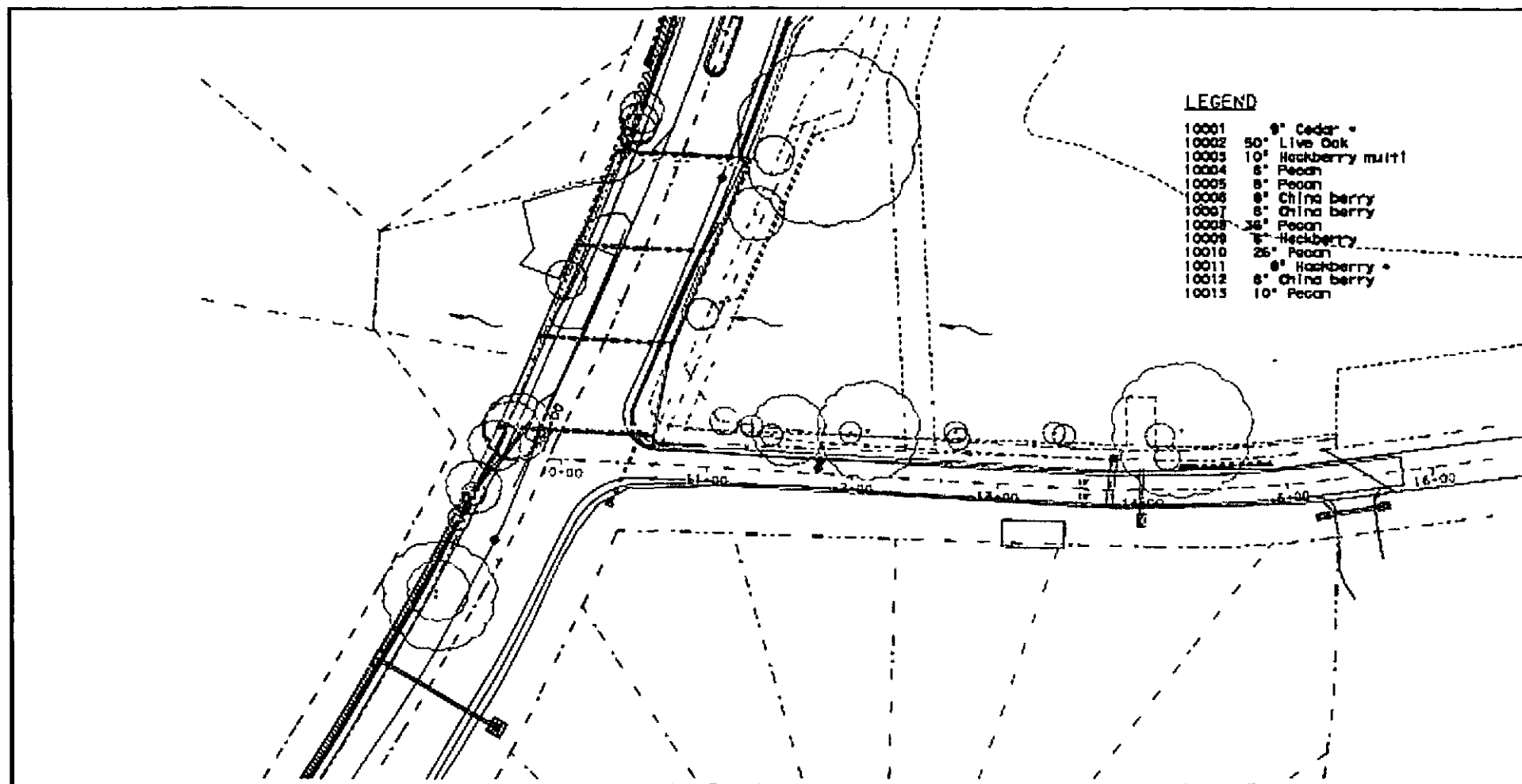
- **Close Lakewood**

- Increases response times
- Eliminates park access and alternative route
- Shifts traffic

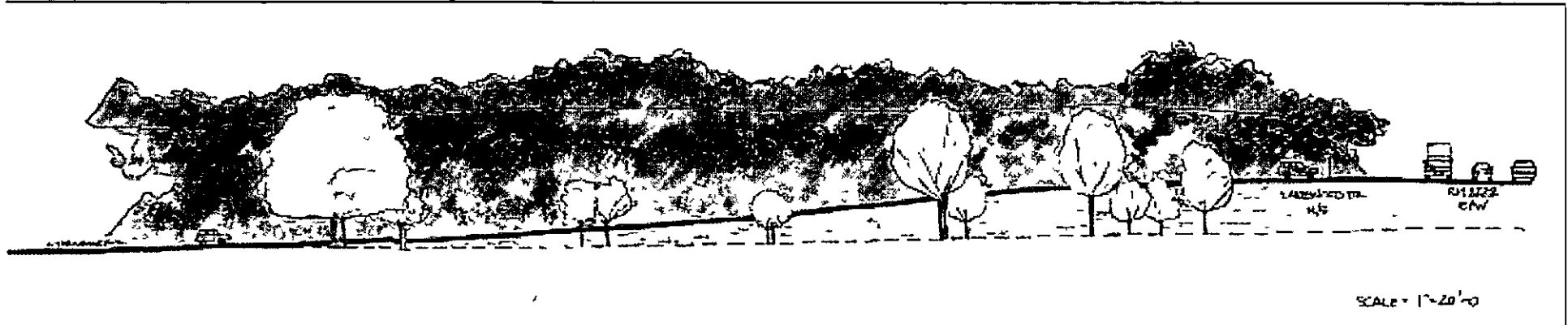
- **Connect Fire Station 31 with Underpass**

- Maintains response times
 - Potential for gate malfunctions
- Eliminates park access and alternative route
- Shifts traffic

Lakewood Drive Ramp Connection



Side view of the proposed Lakewood Drive connection



Proposed Lakewood Drive connection

- Narrower lanes (2 x 10'-0" wide) and reduced shoulder widths (2'-0" and 4'-0" wide)
- Large trees and vegetation between Lakewood Dr and Bull Creek , and on the bluff, are retained.
- Retaining wall design will be in a style, or of materials, consistent with the natural creek environment

Lakewood Drive

Existing

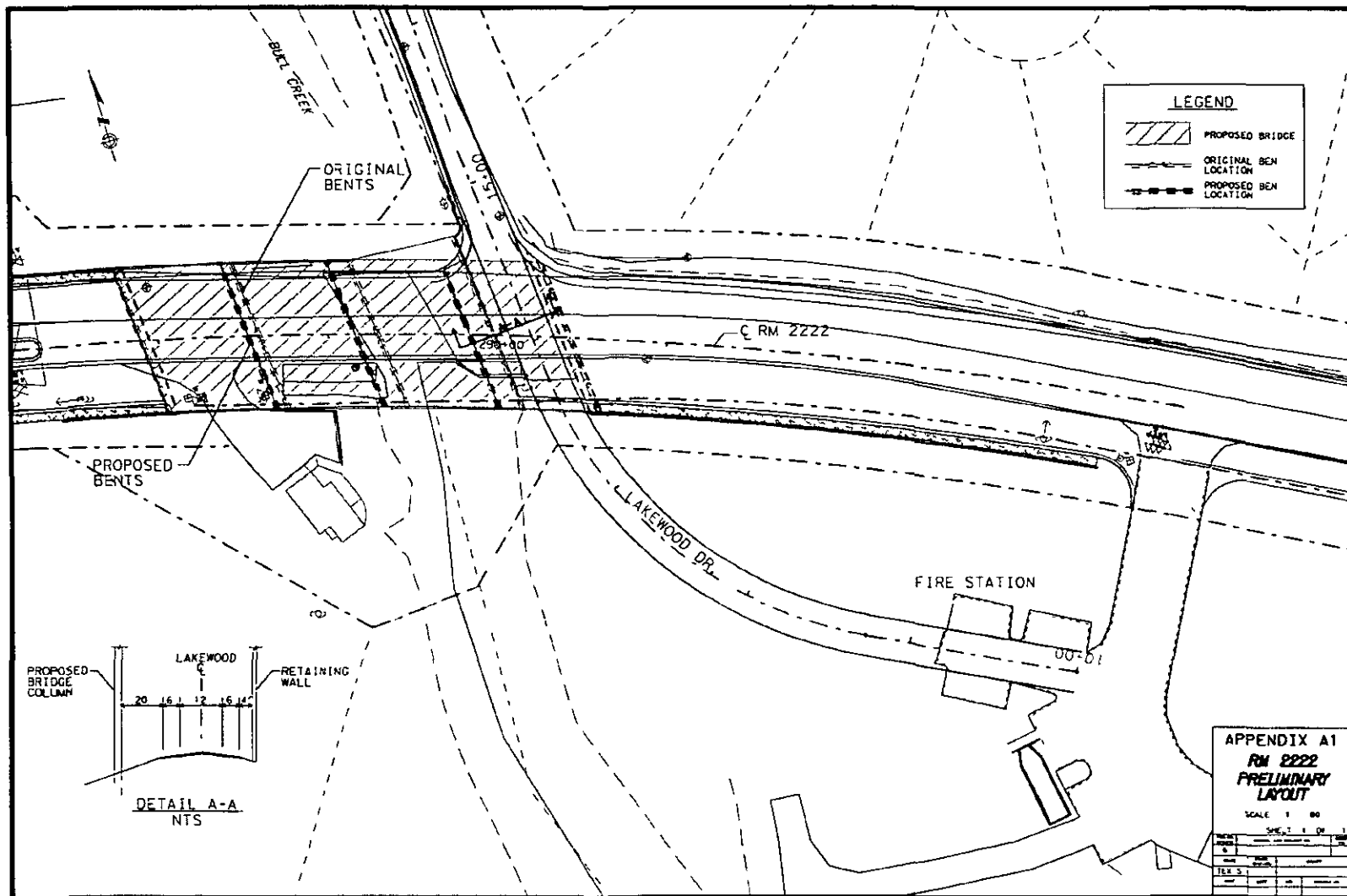


Lakewood Drive

Connection to RM 2222 – TxDOT Original Design



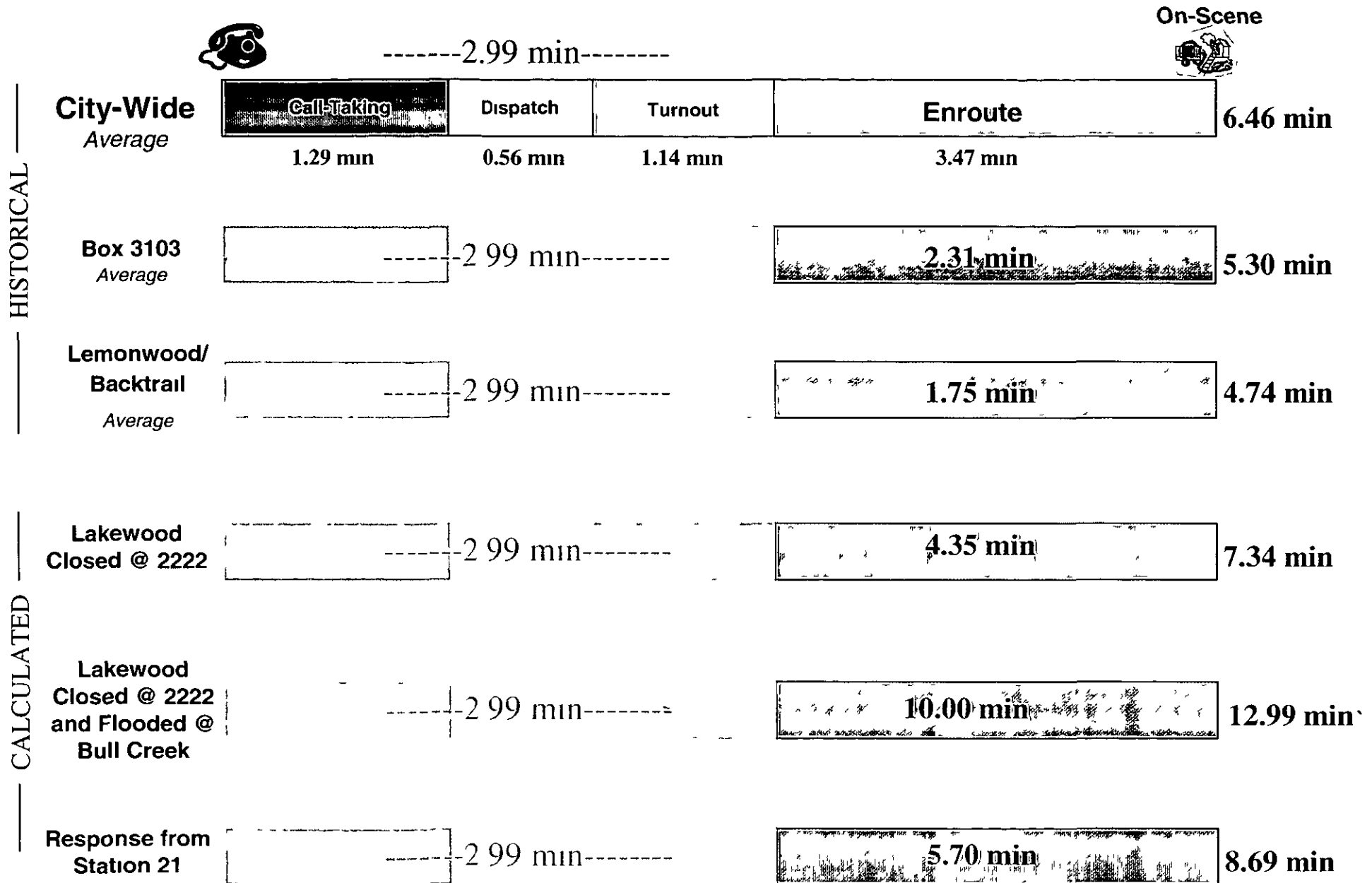
Connect Lakewood to Fire Station 31 Driveway with Underpass



Austin Fire Department

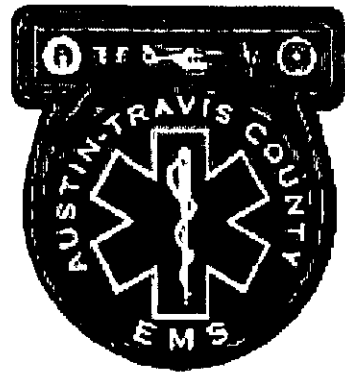
Response Times

Response Time Analysis – Lakewood

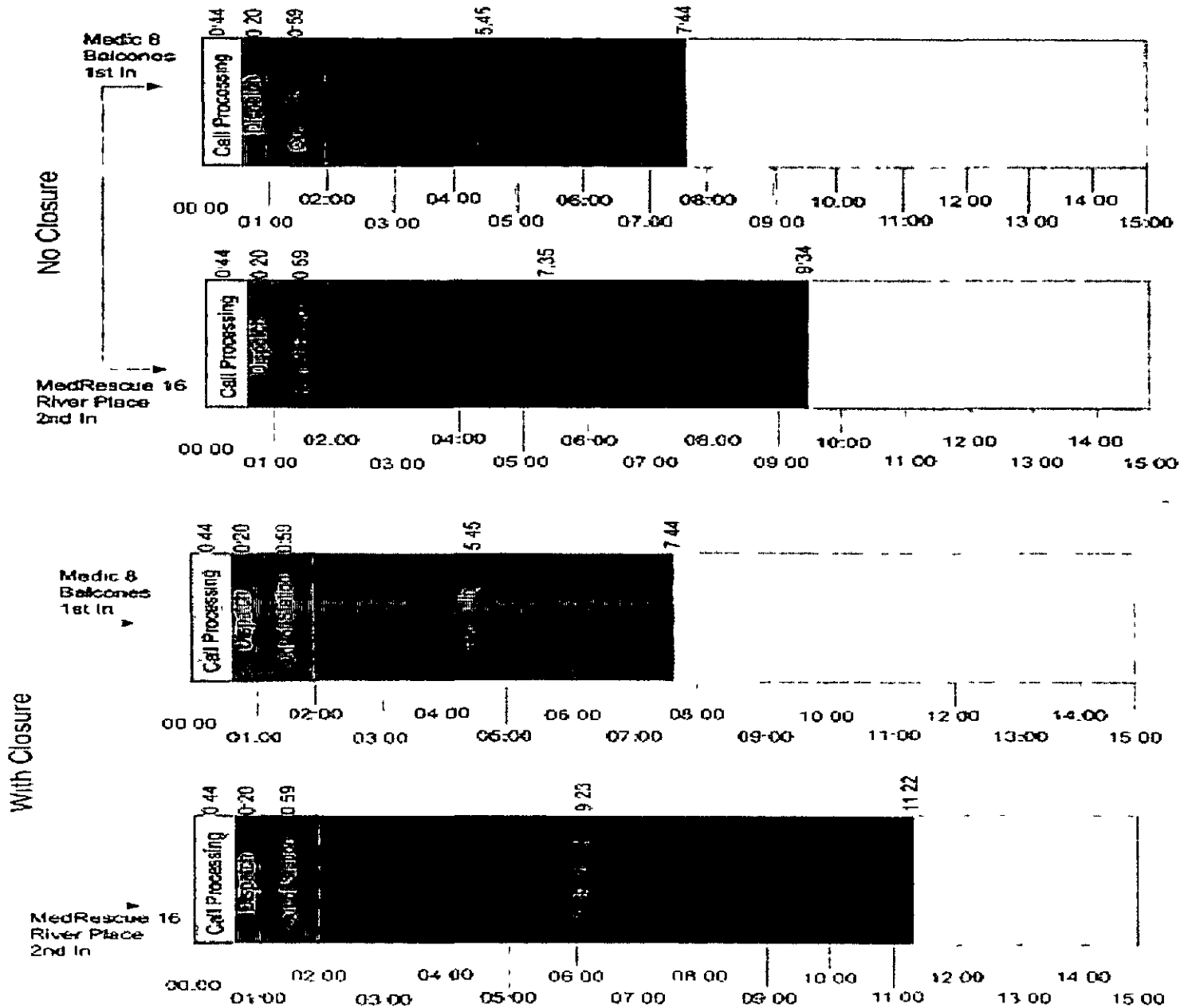


Austin Travis County EMS

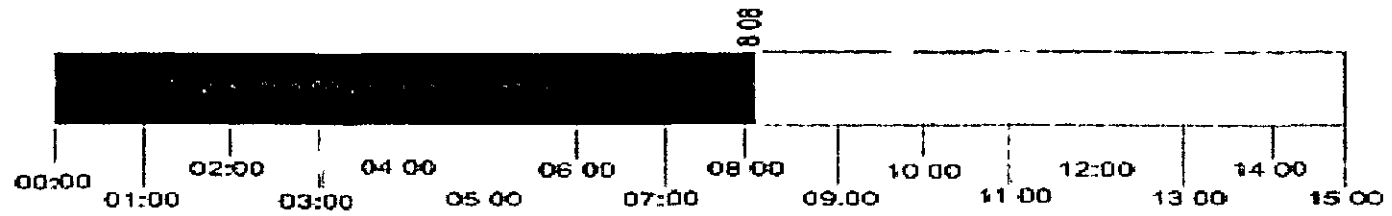
Response Times



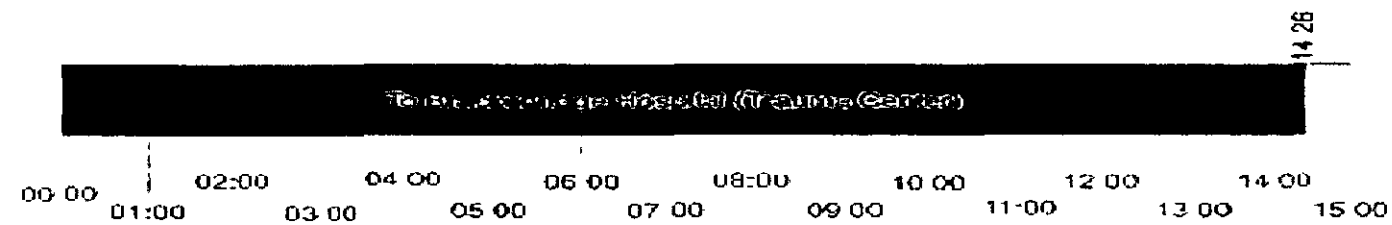
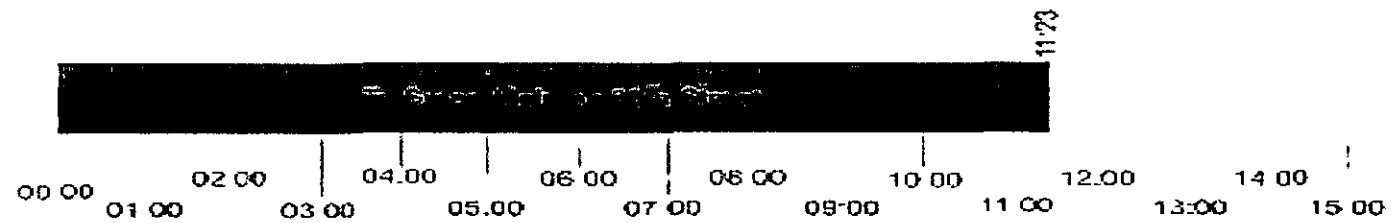
Dispatch To On Scene



Transport Time - No Closure



Transport Time - With Closure



STAFF RECOMMENDATION:

Lakewood Drive Ramp Connection – TxDOT Original Design

- Maintains current, reliable emergency response times
- Maintains access to Bull Creek Park from RM 2222
- Maintains alternative routes
- Avoids shifting traffic to other neighborhood streets