

Hemphill / Lamar “Flight” Artwork Description

Flight

Inside/attached to tunnel (South End of Hemphill Lamar Connector):

Total Longhorns: 35 + 4 spares

Detail Breakdown:

30 12’w under bridge

5 12’w “flying out” beyond South end of I-30 bridge

4 Spares to be kept in storage

Weight: Each 12’ longhorn assembly weighs approximately 35 lbs.

Spacing of longhorns inside tunnel: 6’ (a bit closer as they fly out)

Distance from ceiling to bottom tip of longhorns ranges from 1.5’ to 4.5’

Color: Daytime: frosted white/ Night: All colors available

Material: A robust UV-stable type of impact resistant polyethylene used in the commercial tank and roadway barrier industry.

Lighting: Waterproof LED lighting will create patterns will shift so slowly, you will not see the color change. However when you come back to the tunnel you will see a different color and pattern. The system is designed for maintenance so that the LED strip can be easily replaced in 6-10 yrs.

Hours of Operation: We are expecting the lighting to turn on at dusk and off at dawn. Additional after installation tests will determine if we are able to turn on the lights earlier or run them during the day. If so, it can be run longer, but maintenance will be more often (all dependent on lamp hours). This decision will be made between the City and the Arts Council.

Structure: Custom beam clamp assembly connects the artwork to the existing bridge beams. This assembly will allow for tight fighting w/out drilling into beams.

- Beam clamps hold connecting pipes that run parallel to the roadway
- Custom steel brackets attached to connecting pipes suspend the longhorns and define the tilt.
- Post construction survey will be done in order to verify as-built dimensions. Brackets will be fabricated afterwards to conform to the minimum clearance of 16’6” above roadway.

Hemphill / Lamar "Flight" Artwork Description (continued)

Flight

Unattached to tunnel (North end facing West Lancaster Blvd):

Total Longhorns: 28 + 3 Spares

Detail Breakdown:

28 12' wide (*identical to the ones under the bridge*)

3 Spares to be kept in storage

Weight: Each 12' longhorn assembly weighs approximately 35 lbs.

Spacing of longhorns approximately 6'.

Color: Daytime: frosted white / Night: All colors available

Material: A robust UV-stable type of impact resistant polyethylene used in the commercial tank and roadway barrier industry.

Lighting: Waterproof LED lighting will create patterns will shift so slowly, you will not see the color change. However when you come back to the tunnel you will see a different color and pattern. The system is designed for maintenance so that the LED strip can be easily replaced in 6-10 yrs.

Hours of Operation: We are expecting the lighting to turn on at dusk and off at dawn. Additional after installation tests will determine if we are able to turn on the lights earlier or run them during the day. If so, it can be run longer, but maintenance will be more often (all dependent on lamp hours). This decision will be made between the City and the Arts Council.

Structure: Large poles up to 35' tall will support a single support "spine" that the longhorns will then attach to. These poles live in the street median. The poles and support "spine" will be painted a dark charcoal color that will allow the supports to visually "recede".

- Post construction survey will be done in order to verify as-built dimensions. Horn heights will conform to the minimum roadway clearance requirements.