

# Damage Assessment Narrative

## Deer Park Gateway at Center Street

Deer Park, TX

### Project Understanding:

On or around August 9, 2016 an 18 wheeler with an oversized load clipped the protruding star feature of the Gateway on the West side of Center Street. Based on eye witness accounts, the subject truck was heading Eastbound from Railroad Street when it made an illegal left hand turn into the southbound lane of Center Street. While this load was escorted, it was not able to make the sharp turn. The cargo on the truck forcibly ripped the star and its mounting hardware from the face of the gateway. This action also caused extensive damage to the stone façade of the gateway. The following document is a description of the damage and a general scope of work for replacement work to be performed.

### Description of Damage:

1. Concrete Unit Pavers were damaged by the overweight load when it mounted the curb and crossed. See L2.1 for extent of pavers to be replaced (approximately 205 s.f.). The new pavers shall be installed per the details and specifications of the original project. A full set of construction drawings will be provided to the selected contractor.
2. Remove and replace cast stone features that were damaged by the accident. The extent of the stone to be replaced is documented on the attached Cast Stone Shop Drawing (CS-101) from the original project. Additionally, a preliminary quote from the manufacturer is attached. Mortar color will be selected in the field.
3. Once Masonry replacement work has been completed, the cast stone veneer shall have an anti-graffiti coating applied (per the original specification). See CS-101 for limits of application.
4. Replace star. Star fabricator has been contacted for estimate. Star Fabricator's scope of work will include fabrication, paint and installation per original plans.
5. It is undetermined whether or not the CMU behind the cast stone veneer is damaged. It is recommended that a contingency be included for repair of this block work, should it be needed.

### Estimate of Replacement Costs:

<i>Item</i>	<i>Estimated Cost</i>
Concrete Unit Pavers (L&M)	\$3,100.00
Cast Stone Removal (L)	\$7,500.00
Cast Stone Replacement (L&M)	\$15,000.00
Star Replacement (L&M)	\$12,000.00
General Conditions (~10%)	\$3,750.00
Project Contingencies (~10%)	\$3,750.00
Bonds/Insurance (~4%)	\$1,500.00
Architect's Costs (Hourly not to exceed)	\$2,000.00
<b>Totals</b>	<b>\$48,600.00</b>

