
**SECTION 02850
BLAST CLEANING OF PAVEMENT**

PART I: GENERAL

1.1 GENERAL REQUIREMENTS

- A. Removal of existing pavement markings.
- B. Preparation of pavement surfaces for new pavement markings.

1.2 MEASUREMENT AND PAYMENT

- A. Unit Prices:
 - 1. Payment for blast cleaning of roadway lanes is on a linear foot basis for each width, measured in place.
 - 2. Payment for blast cleaning of symbols and legends is on a per legend or symbol basis, for each type of group of symbols or legends.
 - 3. Payment for removal of raised pavement markings, all types, is on a lump sum basis.
 - 4. Refer to Section 01270 - Measurement and Payment for unit price procedures.
- B. Stipulated Price (Lump Sum):
 - 1. If Contract is Stipulated Price Contract, payment for work in this Section is included in Total Stipulated Price.

1.3 SUBMITTALS

- A. Conform to requirements of Section 01330 - Submittal Procedures.
- B. Submit description and characteristics of proposed blasting medium and equipment for approval.

1.4 REFERENCES

- A. CFTS – City of Friendswood Technical Specifications.

PART II: PRODUCTS

2.1 MATERIALS

- A. Blasting Media: Quality commercial product capable of producing specified surface cleanliness without deposition of deleterious materials on cleaned pavement surface. Do not use high silica content sand particles as blasting agent that may result in high levels of free crystalline silica dust.

2.2 EQUIPMENT

- A. Equipment shall be power-driven and of sufficient capacity to remove pavement markings. Equipment shall utilize moisture and oil traps of sufficient capacity to remove contaminants from air and prevent deposition of moisture, oil or other contaminants on pavement surface.

PART III: EXECUTION

3.1 REMOVAL OF EXISTING MARKINGS

- A. Remove pavement markings in a sequence that shall prevent driver confusion or where indicated on the Drawings. Included are areas where it shall be necessary for drivers to cross existing markings which they would not normally cross. Completely remove or obliterate markings. Do not damage pavement surface.

3.2 CLEANING FOR PLACEMENT OF MARKERS

- A. Remove old pavement markings, loose material and other contaminants deleterious to adhesion of new pavement markings to be placed. On Portland cement concrete pavement, minimize over-blasting to prevent damage to pavement surface. Small particles of tightly adhering existing pavement markings may remain, as approved by the Project Manager, if complete removal shall result in pavement surface damage.
- B. Follow manufacturer's written instructions for proper cleaning of pavement surfaces to receive pavement marking.

END OF SECTION