

Section 01740

RESTORATION OF SITE

PART 1 GENERAL

1.01 SUMMARY

This Section includes restoration of site affected by the Work in public or private property, including but not limited to pavement, esplanades, sidewalks, driveways, fences, lawns and landscaping.

1.02 MEASUREMENT AND PAYMENT

- A. Measurement and payment for restoration of project site for linear construction projects is paid by linear foot measured along the baseline. Multiple utilities within same right-of-way will be paid on linear foot basis for only one utility.
- B. Measurement and payment for Water Receiving Facility(s) - will be made on a lump sum basis. No partial payment will be made.

1.03 REFERENCES

ANSI Z60.1. American Standard for Nursery Stock.

1.04 SUBMITTALS

- A. Conform to requirements of Section 01330 – “Submittal Procedures”.
- B. Submit qualifications of nursery or landscaping firm to be used.

1.05 RELATED REQUIREMENTS

- A. Document 00700 – “General Conditions”
- B. Section 01330 – “Submittal Procedures”
- C. Section 01562 – “Tree and Plant Protection”
- D. Section 01576 – “Waste Material Disposal”
- E. Section 02921 – “Hydromulch Seeding”
- F. Section 02922 – “Sodding”
- G. Section 02951 – “Pavement Repair and Resurfacing”

1.06 QUALITY ASSURANCE

Have trees, landscape shrubs, and plantings performed by qualified personnel.

1.07 – 1.09 NOT USED

1.10 DEFINITIONS

- A. Site Restoration is replacement or reconstruction of site improvements to rights-of-way, easements, public property, and private property that are affected or altered by construction operations, with improvements restored to condition which is equal to, or better than, that which existed prior to construction operations.
- B. Site Improvement includes but is not limited to pavement, curb and gutter, esplanades, sidewalks, driveways, fences, lawns, irrigation systems, landscaping and other improvements in existence at the project site before commencement of construction operations.

1.11 – 1.12 NOT USED

1.13 WARRANTY

Warranty shall be in accordance with Section 00700 – General Conditions.

PART 2 PRODUCTS

2.01 MANUFACTURER(S) (NOT USED)

2.02 MATERIALS AND/OR EQUIPMENT

- A. Pavement, Sidewalks, and Driveways. Use materials as specified in Section 02951 – “Pavement Repair and Resurfacing”.
- B. Seeding and Sodding. Provide sod as specified in Section 02922 – “Sodding”. For areas to be seeded, conform to Section 02921 – “Hydromulch Seeding”.
- C. Trees, Shrubs, and Plantings.

Conform to requirements of Section 01562 – “Tree and Plant Protection”.

2.03 – 2.04 NOT USED

PART 3 EXECUTION

3.01 – 3.02 NOT USED

3.03 ERECTION/INSTALLATION APPLICATION AND/OR CONSTRUCTION

- A. Coordination

1. For linear construction projects, complete site restoration within 30 days from date construction is successfully tested, unless extended in writing by Project Manager.
2. For linear construction projects, construction cannot exceed the unrestored site by more than 2,000 linear feet or the distance between two successive valves, whichever is greater. Site restoration must proceed continuously and be sequentially completed in order of work progress. No intermediate areas can be skipped or left to be completed at a future date, unless otherwise approved by Project Manager.

B. Installation

1. Pavement, Sidewalk, and Driveway Restoration.
 - a. Replace pavement, curb and gutter, sidewalks, and driveways removed or damaged as result of construction operations. Reconstruct in accordance with Section 02951 – “Pavement Repair and Resurfacing”.
 - b. Where replacement sidewalks terminate at street curb radius, construct wheel chair ramp that meets current Texas Accessibility Standards.
2. Seeding and Sodding.
 - a. Clean up construction debris and level area with bank sand so that resulting surface of new grass matches level of existing grass and maintains pre-construction drainage patterns. Level minor ruts or depressions caused by construction operations where grass is still viable by filling with bank sand.
 - b. Restore previously existing turfed areas with sod and fertilize in accordance with Section 02922 – “Sodding”. Sod to match existing turf.
 - c. Restore unpaved areas not requiring sodding with hydromulch methods conforming to Section 02921 – “Hydromulch Seeding”.
3. Trees, Shrubby, and Plants.

Remove and replant trees, shrubs, and plants in accordance with requirements of Section 01562 – “Tree and Plant Protection”.
4. Fence Removal and Replacement.
 - a. Replace fencing removed or damaged to equal or better than what existed prior to construction, including concrete footings and mow

strips. Provide new wood posts, top and bottom railing and panels.
Metal fencing material not damaged by Work may be reused.

- b. Remove and dispose of damaged or substandard material.

C. Cleaning

Remove debris and trash to maintain clean and orderly site as described in General Conditions and Section 01576 – “Waste Material Disposal”.

D. Maintenance

1. Maintain shrubs, plantings, sodded areas and seeded areas through warranty period.
2. Replace shrubs, plantings, and seeded or sodded areas that fail to become established through warranty period.
3. Maintain newly planted trees, shrubs, and plantings in accordance with the requirements of Section 01562 – “Tree and Plant Protection”.
4. Refer to Section 01562 – “Tree and Plant Protection”, Section 02921 – “Hydromulch Seeding” and Section 02922 – “Sodding” for additional maintenance requirements.

3.04 – 3.10 NOT USED

END OF SECTION