

THE STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION
MAINTENANCE AND OPERATIONS
CONSTRUCTION PLANS AND SPECIFICATIONS FOR


Open-End, Community Transportation Fund, Entrance Signs, FY25-FY27

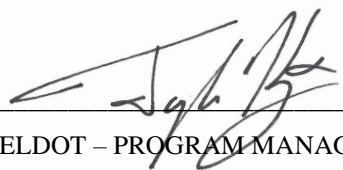
CONTRACT NUMBER – T202403002

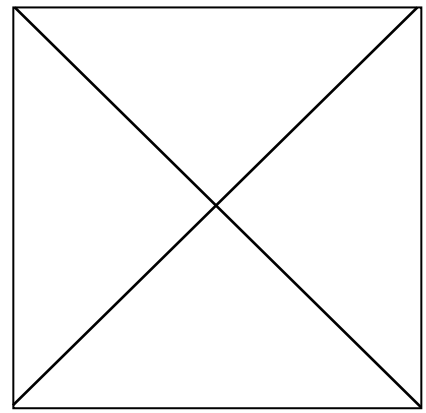
UNIFIER ID – 2024-00266

FEDERAL AID NUMBER - NONE

COUNTY: STATEWIDE

PLANS PREPARED BY:  _____
DESIGNER

 _____ 8/21/24
DELDOT – PROGRAM MANAGER DATE
MAINTENANCE AND OPERATIONS - (SSS)



THIS SEAL APPLIES TO ALL SHEETS BEARING
THE "CED" SECTION DESIGNATION

APPROVED FOR ADVERTISEMENT

Anne Brown _____ 8/21/2024
DIRECTOR OF MAINTENANCE AND OPERATIONS DATE

GENERAL NOTES

1. Construction of this contract shall conform to Delaware Department of Transportation Standard Specifications dated January 2024, the Special Provisions, the 2024 Standard Construction Details, and the plans.
2. This will be an Open-End contract consisting of installation of Community Entrance Signs.
3. The contract will be a Work Order driven contract consisting of installing community entrance signs statewide. Work shall be directed by the Engineer or representative via work order(s).

The specific open-end sites are not listed herein but will be assigned by the Engineer when locations are funded by legislators.

Locations with environmental impacts will be submitted to the Environmental Studies office for review. The Engineer will obtain written approval before beginning work.

4. Locations are selected solely by legislators. The Department reserves the right to add or delete contract locations and/or quantities. Location or quantity changes shall not be a cause for an increase or decrease in any contract unit bid prices. No item prices are to be renegotiated due to either an increase or decrease in quantity usage resulting from addition or deletion of locations.
5. The Department reserves the right to prioritize, substitute, add, or delete locations at any time during the contract.
6. Per Standard Specification 105.9 Utilities within the Project Limits, the Contractor shall contact Miss Utility two working days prior to any excavation, but not more than 10 working days in advance of starting work. The Contractor shall take necessary precautions to protect all existing utilities and maintain uninterrupted services. Any damage done to the utilities due to negligence shall be immediately and completely repaired at the contractor's own expense.
8. The contractor shall be responsible for and verify all grades and dimensions in the field prior to construction and make the proper adjustments to the plans and details if site conditions do not allow the "standard" entrance sign to be used.
9. The community identification sign must be located within a Public Right of Way, a Road Right of Way (if approved by DelDOT), or property dedicated to public use. The Community Association must obtain required dedication prior to start of sign construction.
10. Sign ordinances vary from municipality to municipality. Accordingly, all signs must be approved by all jurisdictional approval agencies prior to the start of construction.

11. All sign prices assume that the sign will be installed in a level grassy area. If necessary, prices for Maintenance of Traffic and/or demolition of the existing sign will be negotiated.

12. The cost of seeding and mulching areas disturbed during construction of the sign will be incidental to the bid price for each sign.

13. The contractor shall submit complete shop drawings for review for each proposed sign for approval by the engineer. Do not begin fabrication of the sign until the shop drawing is approved.

14. Per mutual agreement between the awarded vendor and DelDOT, contract prices can be adjusted up or down each January using the following formula, using the U.S. Bureau of Labor Static's published data for CPI.

$$\text{New Item Price} = (\text{Current CPI} / \text{Bid Month CPI}) * \text{Bid Item Price}$$

15. The contractor shall provide a one-year warranty on labor & workmanship and a five-year warranty on materials.

Sign Dimension Summary

Sign Style	Height	Width	Depth	Sign Face (SF)
Magnolia	7'	10'-8"	1'-4"	20
Wilmington	11'	3'	1'-6"	12
Lewes	7'	11'-6"	1'-4"	20
Delaware	5'	10'	1'-4"	8

Magnolia Sign



Description:

- Columns shall be 18” square by 6’ high molded expanded polystyrene columns with faux brick, stone, or stucco veneer. Columns shall have 1/16” fast-cure, high impact resistant urethane coating. Columns shall include foam caps.
- Fence shall be ornamental aluminum fencing with 2” square aluminum pickets spaced at 6” on center. Provide and install 4” square end posts secured to foam columns and supported by concrete foundation.
- Sign panel shall be carved and painted 3” 20 lb. foam core sign. Hand carved or sandblasted 6” tall letters, finished with Poly-Armor. Area not to exceed 20 square feet.
- Each column will be supported by a 6’ long by 3” diameter Schedule 40 galvanized steel pipe. Three feet will be embedded in the column and three feet will be embedded in a concrete foundation. The concrete foundation will be 18” in diameter and 36” deep with 3,000 psi concrete and fiber reinforcing.

Wilmington Sign



Description:

- Sign post shall be 11' tall 4" diameter painted galvanized post with ball topper. All Hardware to be galvanized, primed, and painted.
- Base shall be 26" tall by 18" diameter foam core base finished with Poly-Armor or galvanized, primed, and painted steel.
- Sign panel shall be carved and painted 3'x4'x6" 18 lb. foam core sign. Hand carved or sandblasted 6" tall letters, finished with Poly-Armor.
- Foundation shall be a single 4" schedule 40 galvanized pipe with 18" diameter by 36" deep 3000psi concrete, fiber reinforced.

Lewes Sign



Description:

- Columns shall be 18” square by 6’ high molded expanded polystyrene columns with faux brick, stone, or stucco veneer. Columns shall have 1/16” fast-cure, high impact resistant urethane coating. Columns shall include foam caps.
- The 2’x10’ sign panel shall be two sheets of 2” thick 20 lb urethane foam laminated to a core of 0.08” thick aluminum with 8” high carved or sandblasted letters and 2” border.
- Each column will be supported by a 6’ long by 3” diameter Schedule 40 galvanized steel pipe. Three feet will be embedded in the column and three feet will be embedded in a concrete foundation. The concrete foundation will be 18” in diameter and 36” deep with 3,000 psi concrete and fiber reinforcing.

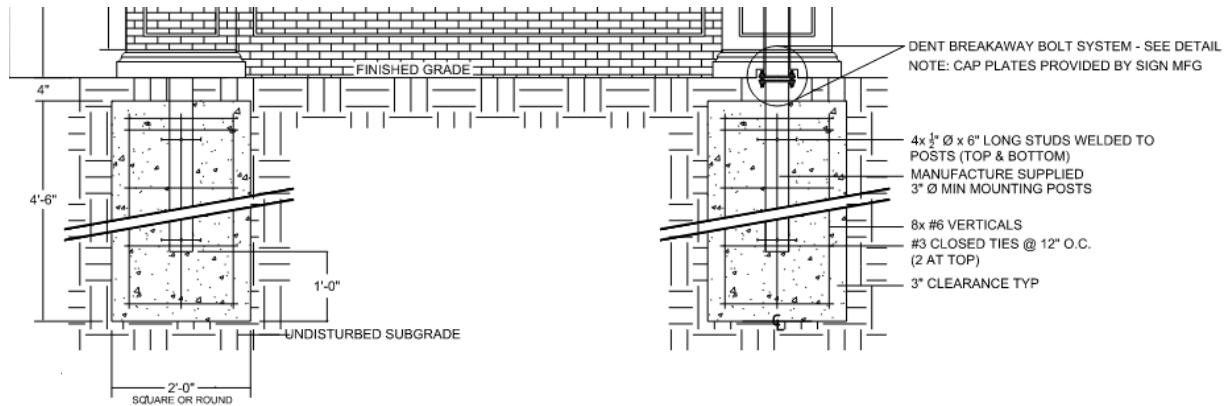
Delaware Sign



Description:

- Sign shall be Peachtree Standard Model #22 or approved equal.
- Sign shall be 11.5” molded EPS core, 1/16” fast-cure impact resistant urethane, and outlet layer of Poly-Armor.
- Sign panel shall be 2’x5’ panel integral to the sign with 8” tall carved or sandblasted letters.
- Each column will be supported by a 6’ long by 3” diameter Schedule 40 galvanized steel pipe. Three feet will be embedded in the column and three feet will be embedded in a concrete foundation. The concrete foundation will be 18” in diameter and 36” deep with 3,000 psi concrete and fiber reinforcing.

Breakaway Foundation Detail



Description:

- The breakaway foundation detailed above shall only be used on the Wilmington, Lewes, and Delaware Sign Models when specified in the work order.
- The Contractor shall follow all manufacturer instructions in the sizing and installation of the breakaway bolts.