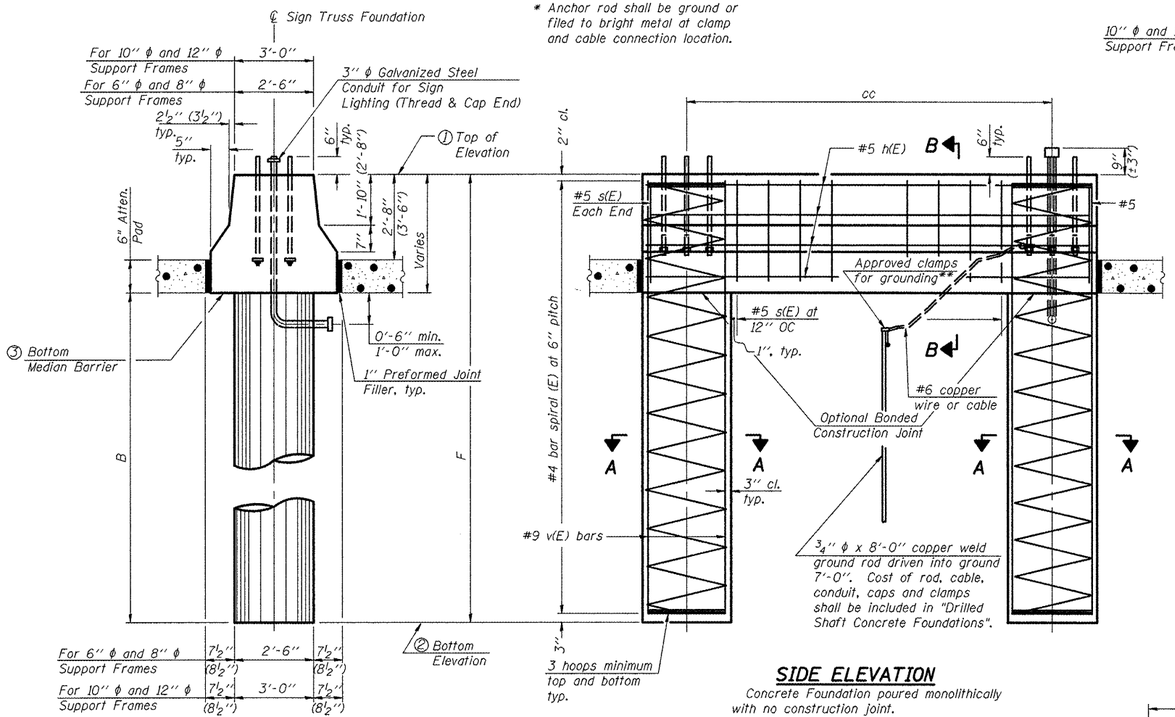



NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance.

Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

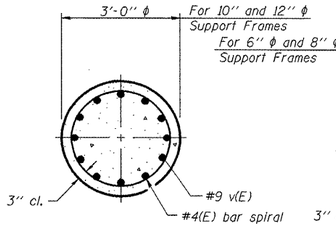
A normal surface finish followed by a Bridge Seat Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.

## BAR LIST - EACH FOUNDATION

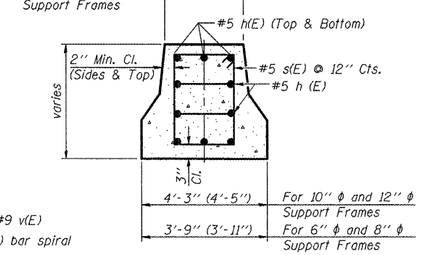
| Bar | Number | Size | Length | Shape |
|---|---|---|---|---|
| h(E) | 10 | #5 | M less 4" | —— |
| s(E) | Varies | #5 | Varies | □ |
| v(E) | 16 | #9 | F less 0'-5" | —— 6" ϕ and 8" ϕ Support Frame |
| v(E) | 24 | #9 | F less 0'-5" | —— 10" ϕ and 12" ϕ Support Frame |
| | | | | |
| #4(E) bar spiral _ see Side Elevation | | | | |

| Pipe Support Frames | cc | M | a | a/2 |
|---|---|---|---|---|
| 6"ϕ | 7'-0" | 9'-6" | 0'-11" | 5½" |
| 8"ϕ | 7'-6" | 10'-0" | 1'-1½" | 6¾" |
| 10"ϕ | 8'-3" | 11'-3" | 1'-3" | 7½" |
| 12"ϕ | 9'-0" | 12'-0" | 1'-6" | 9" |
| | | | | |

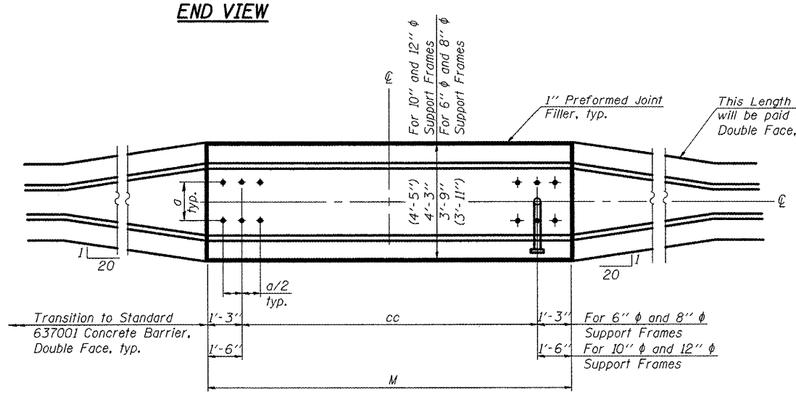
All dimensions in parenthesis are for 42" high barrier.




SECTION A-A




SECTION B-B




PLAN

| Structure Number | Station | Left Foundation | | | | Right Foundation | | | | Class DS Concrete (Cu. Yds.) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Elevation Top | Elevation Bottom | B | F | Elevation Top | Elevation Bottom | B | F | |
| 5 S 010 1057 L235.32 | 496+10 | ① 745.00 | ② 724.33 Drilled Shaft | 17'-6" | 20'-8" | See Base Sheet OS4-F3 | Drilled Shaft Details | | | 14.0 |
| | | | ③ 741.83 Median Barrier | | | | | | | |
| 5 S 010 1057 R236.14 | 414+50 | ① 727.05 | ② 706.38 Drilled Shaft | 17'-6" | 20'-8" | See Base Sheet OS4-F3 | Drilled Shaft Details | | | 14.0 |
| | | | ③ 723.88 Median Barrier | | | | | | | |

OS4-MED 1-20-11

•VARIOUS COUNTIES
••D-5 OVD SIN STR REPL 2012-06

| | | | |
|---|---|---|---|
| FILE NAME = c:\pw_work\pwidot\cearlockjd\d0266557\D546179-sht-details.dgn | USER NAME = cearlockjd | DESIGNED - JAL | REVISED - |
| | | DRAWN - | REVISED - |
| | PLOT SCALE = 40.0000 ' / in. | CHECKED - | REVISED - |
| | PLOT DATE = 10/7/2011 | DATE - 04/26/11 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES**
**MEDIAN SUPPORT FOUNDATION DETAILS**

SCALE: | SHEET NO. 14 OF 17 SHEETS | STA. | TO STA.

| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| • | •• | Various | 178 | 40 |
| | | CONTRACT NO. 46179 | | |
| | | ILLINOIS FED. AID PROJECT | | |