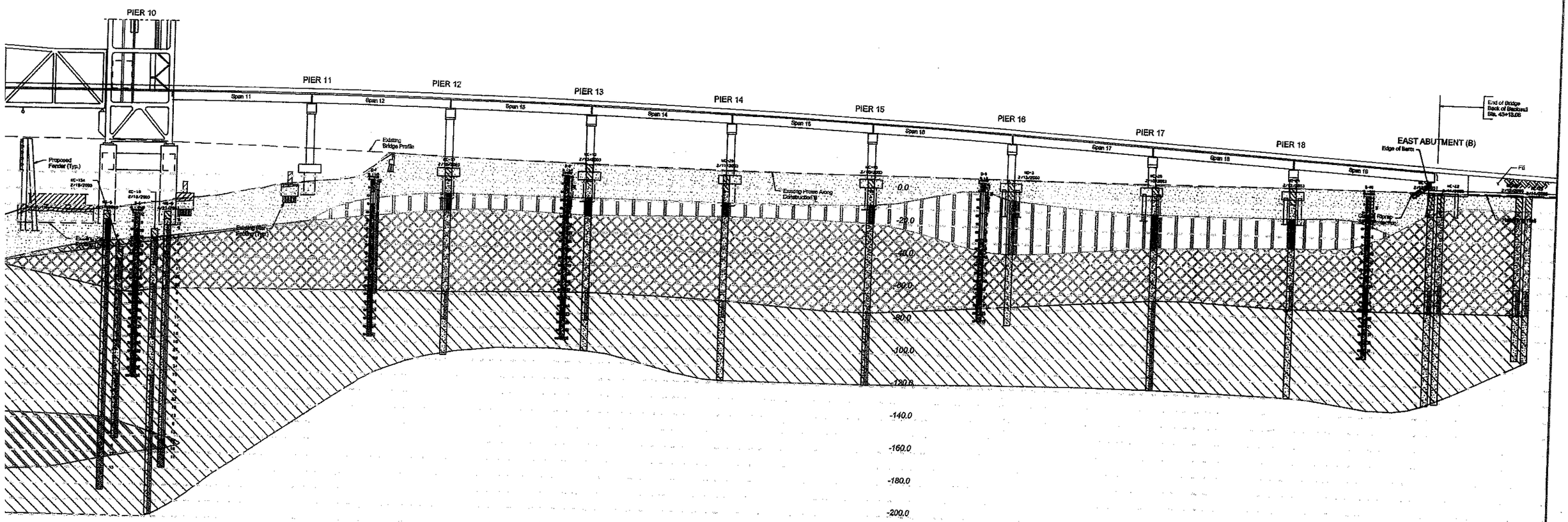


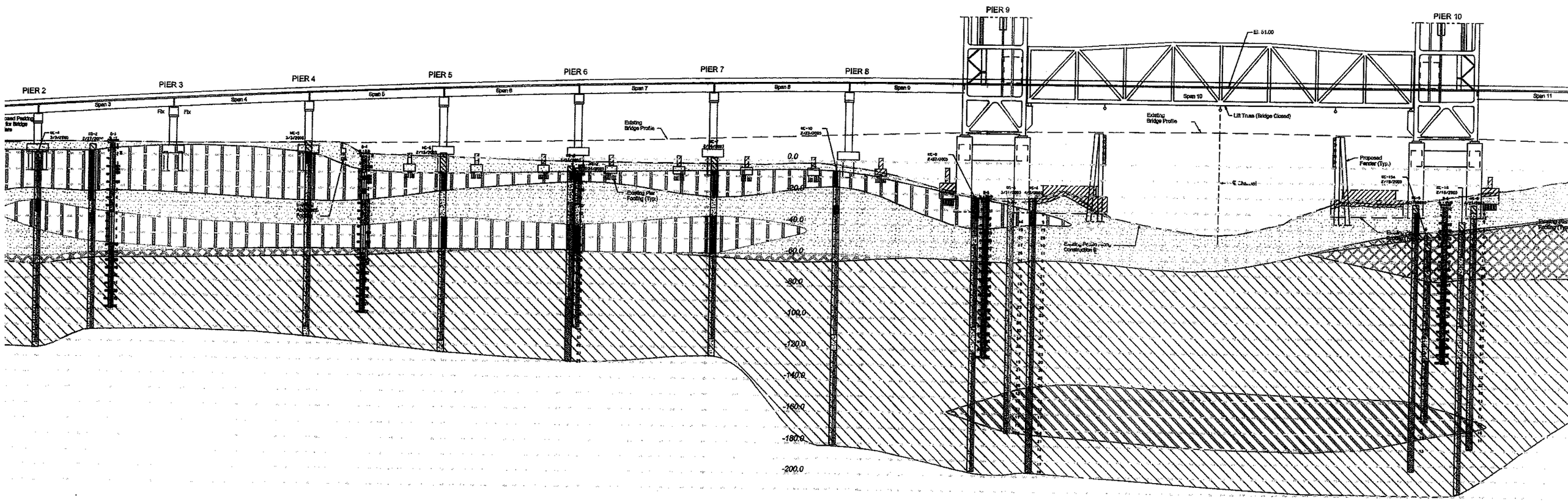

Base plan for this drawing provided electronically by Modjeski & Masters, Inc. in October 2001.

**MACTEC, Inc.**
1606 Ownby Lane
Richmond, VA 23220

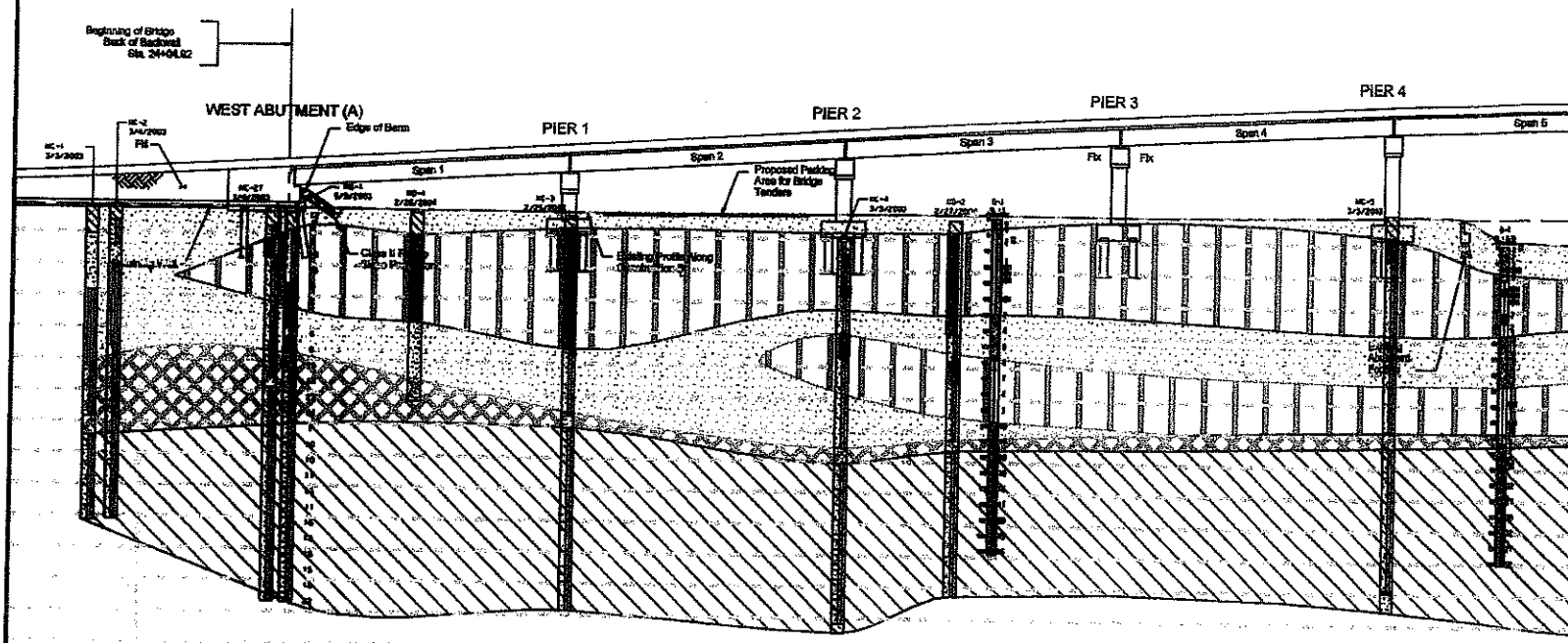
| | |
|---|---|
| Des. by | CEB |
| Drn. by | DCV |
| Rev. by | CEB |

**FIGURE 4 - ESTIMATED SUBSURFACE PROFILE**
**GILMERTON BRIDGE, STAGE II**
**V.D.O.T. PROJECT No. 7013-131-V03, PE101, B615**
Chesapeake, Virginia

| | | |
|---|---|---|
| 20400-2-1213 | December 2003 | Scale: 1" = 60'-0" |

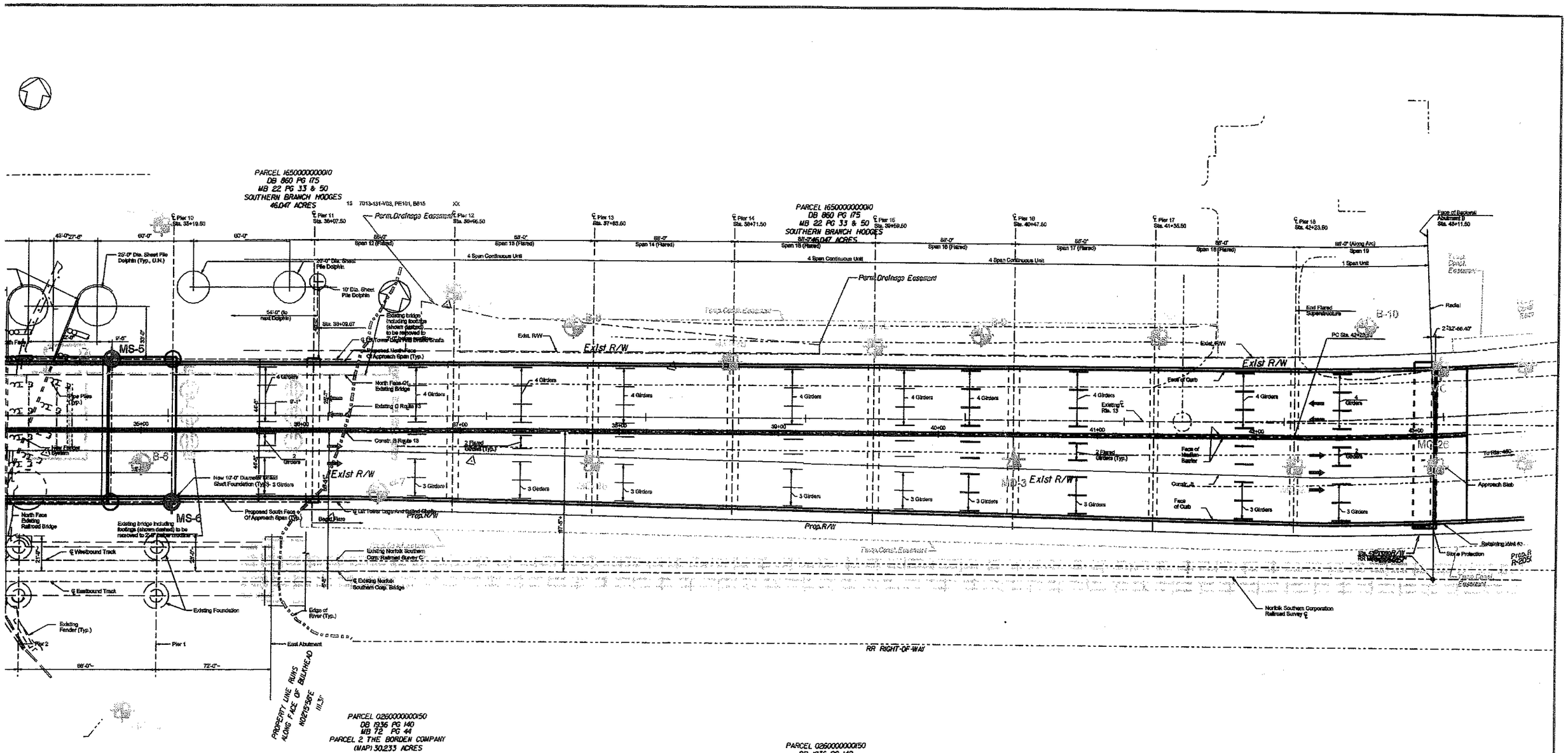

PIER 2
PIER 3
PIER 4
PIER 5
PIER 6
PIER 7
PIER 8
PIER 9
PIER 10
Span 3
Span 4
Span 5
Span 6
Span 7
Span 8
Span 9
Span 10
Span 11
Fix
Fix
Existing Bridge Profile
Existing Bridge Profile
Existing Pier Footing (Typ.)
Lift Truss (Bridge Closed)
El. 51.00
Proposed Fender (Typ.)
0.0
-20.0
-40.0
-60.0
-80.0
-100.0
-120.0
-140.0
-160.0
-180.0
-200.0

Base




LEGEND

- Alluvial Clay/Silt
- Alluvial Sand
- Norfolk Formation
- Yorktown Y2 Formation
- Yorktown Y1 Formation




T Sounding

T Sounding

MS-7 SPT Boring

B-6 Previous SPT Boring (by others)

**MACTEC, Inc.**
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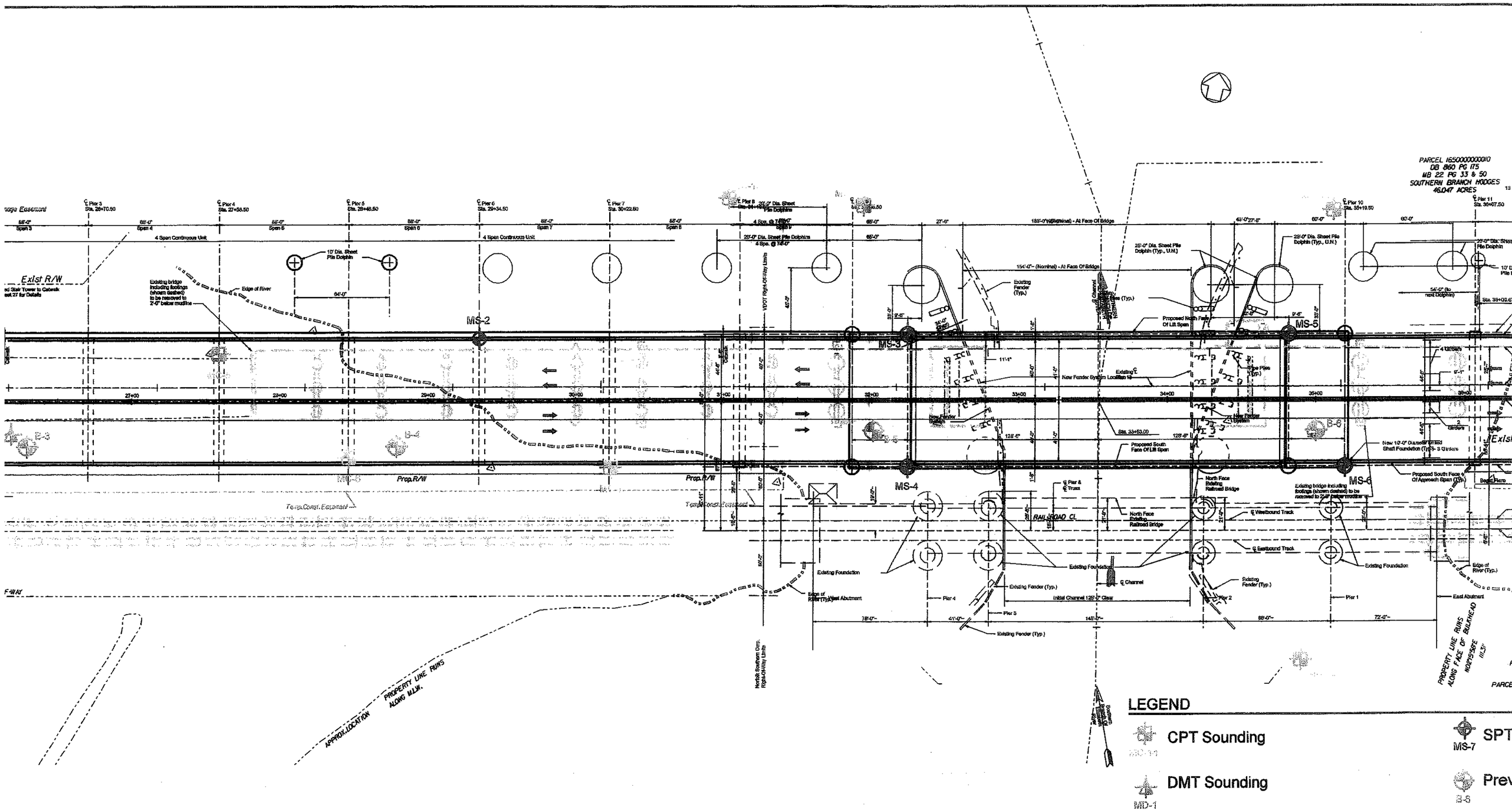
Richmond, VA 23220

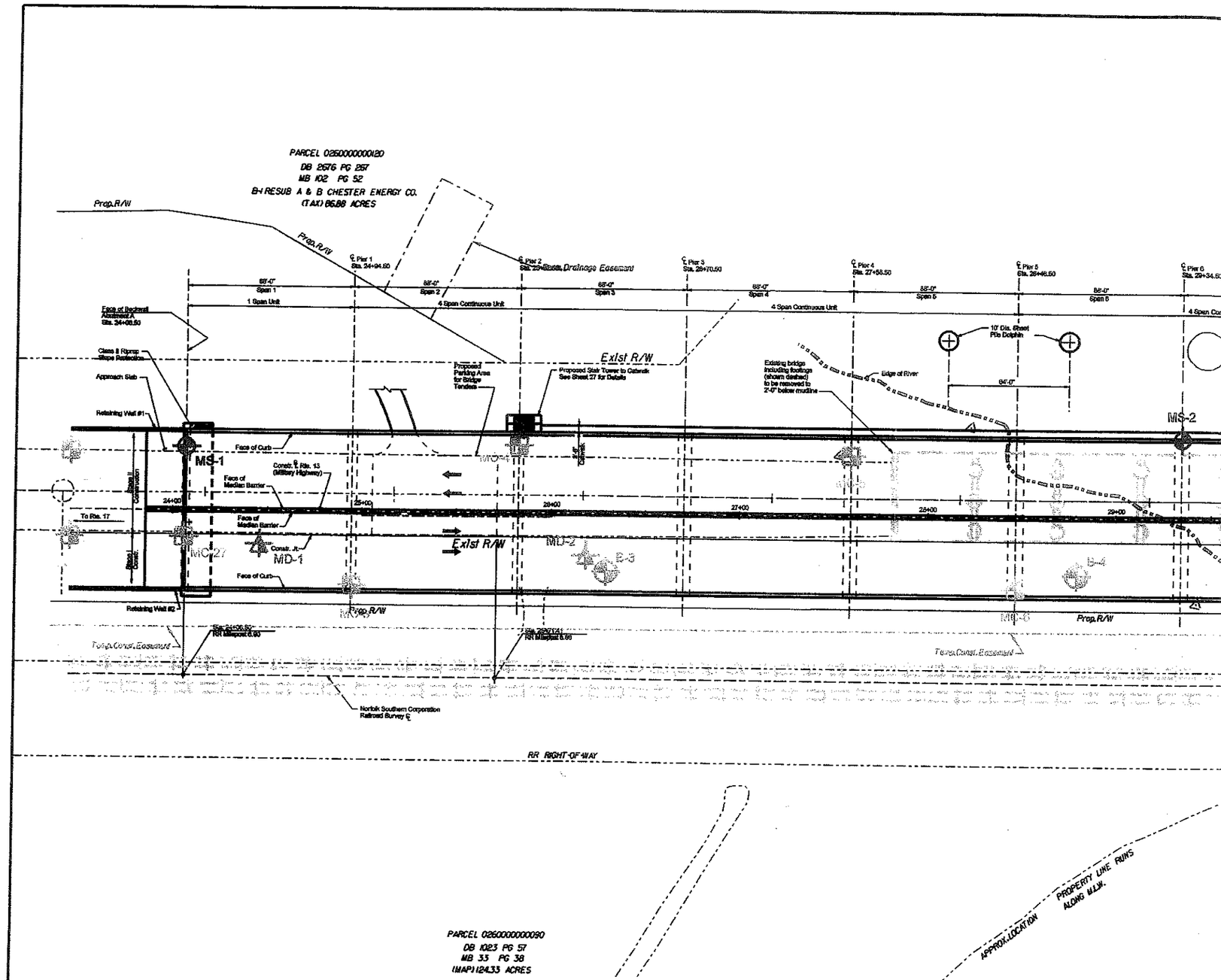
| | |
|---|---|
| Des. by | CEB |
| Drn. by | DCV |
| Rev. by | CEB |

**FIGURE 3 - BORING LOCATION MAP**
**GILMERTON BRIDGE, STAGE II**
**V.D.O.T. PROJECT No. 7013-131-V03, PE101, B615**
Chesapeake, Virginia

| | | |
|---|---|---|
| 20400-2-1213 | December 2003 | Scale: 1" = 60'-0" |



PARCEL 165000000010
DB 860 PG 175
MB 22 PG 33 & 50
SOUTHERN BRANCH HODGES
46.047 ACRES
Exist R/W
Prop.R/W
MS-2
MS-3
MS-4
MS-5
MS-6
RAILROAD CL
Existing Foundation
Existing Fender (Typ.)
Pier 1
Pier 2
Pier 3
Pier 4
East Abutment
Edge of River (Typ.)
Proposed North Face Of Lift Span
Proposed South Face Of Lift Span
Initial Channel 125'-0" Clear
Existing bridge including footings (shown dashed) to be removed to 2'-0" below mudline
Edge of River
Temp.Const. Easement
APPROX.LOCATION PROPERTY LINE RUNS ALONG M.L.W.
PROPERTY LINE RUNS ALONG FACE OF BULKHEAD
LEGEND
CPT Sounding
DMT Sounding
MD-1
MS-7




Base plan for this drawing provided electronically by Modjeski & Masters, Inc. in October 2001.

...\BoringLocationMap.dgn 12/22/2003 09:59:11 AM