# Appendix B
# Survey Data

Chesapeake VIRGINIA

Department of Public Works

URS

| SURVEY/ DRAFTING REQUEST | | | |
|---|---|---|---|
| | **PROJECT NAME: Bailey Creek Watershed Study** | | |
| JOB # 11034 | LOCATION/DESCRIPTION: Western Branch area. | | |
| AC# 00-1004-00 | | | |
| SURVEY P.C.: | | | |
| CADD TECH: | | | |
| BOOK # | | | |
| PAGE # | | | |
| START DATE: | | | |
| COMP. DATE: | | | |
| GRID LOCATION: | Requested by: Erlinda Davis | EXT. x6182 | REQUEST DATE: July 22, 2011<br>DUE DATE: August 15, 2011 |
| | SCALE 1" = | SHEET SIZE= | |
| | **SPECIAL INSTRUCTIONS:Please survey all nodes that have number labeled andall links (channels and conduits) associated with the nodes. There are additional information requested at some locations i.e., water surface elevations, curb elevations, etc, that are noted in red bolt letters at bottom of the individual (8.5 x 11) sheets.** | | |
| | RELATED DRAWINGS: see attached overall map and individual maps for specific locations. | | |
| | | | |

INSTRUCTIONS:

PLEASE FILL OUT ALL SECTIONS IN RED. INDICATE (IN COMMENTS): LIMITS OF SURVEY, CROSS-SECTION FREQUENCY ( 25', 50', 100', 200', ETC.) INDICATE IF ADDITIONAL EASEMENTS/ACQUISITIONS WILL BE ACQUIRED, ATTACH EXHIBITS, MAPS, PLANS OR OTHER MATERIALS AS APPROPRIATE (INCLUDE UTILITY PLANS IF AVAILABLE.)

**PLEASE INDICATE IF TIME SHOULD BE TRACKED TO THE AC#**

PWYQJM01
USER DSPIVEY

**CITY OF CHESAPEAKE DEVELOPMENT**
**PUBLIC WORKS DEPARTMENT**

**DATE** 07/29/11
**TIME** 07:55:29

DISPLAY SURVEY MASTER

Job # **11034** AC Number **001004** **00** Status _
Project **BAILEY CREEK WATERSHED**
Start Date **000000** Completed Date **000000** Supervisor ____

Book # _____ Page # _____
Comments **REQ. BY: ERLINDA DAVIS (6182)**

Updated **07/29/2011** By **DSPIVEY** Created **07/29/2011** By **DSPIVEY**

Old AC Number

F1 HELP F3 EXIT F8 NOTES

PWYQJM2
USER DSPIVEY

CITY OF CHESAPEAKE DEVELOPMENT
PUBLIC WORKS DEPARTMENT

DATE 07/29/11
TIME 07:55:47

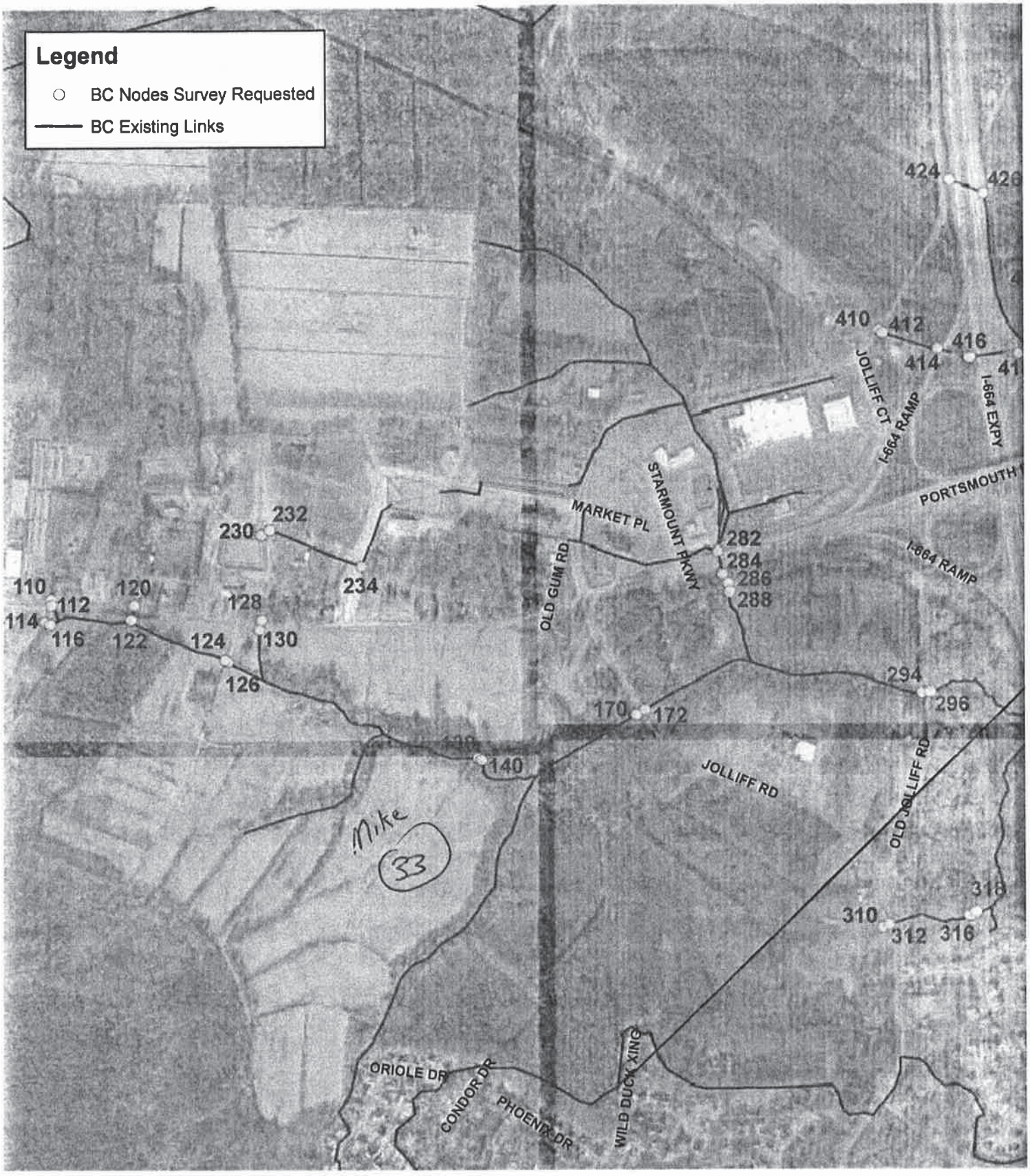
SURVEY JOB NOTES

Job Number 11034

Enter up to 10 **Notes** lines,up to 78 characters wide

**SURVEY NODES REQUESTED PER ATTACHMENT. COLLECT INFORMATION REQUESTED AT LOCATIONS I.E., WATER SURFACE ELEVATIONS, CURB GRADES, INVERTS ETC.**

F1 HELP F3 CANCEL F8 SURVEY JOB INFORMATION



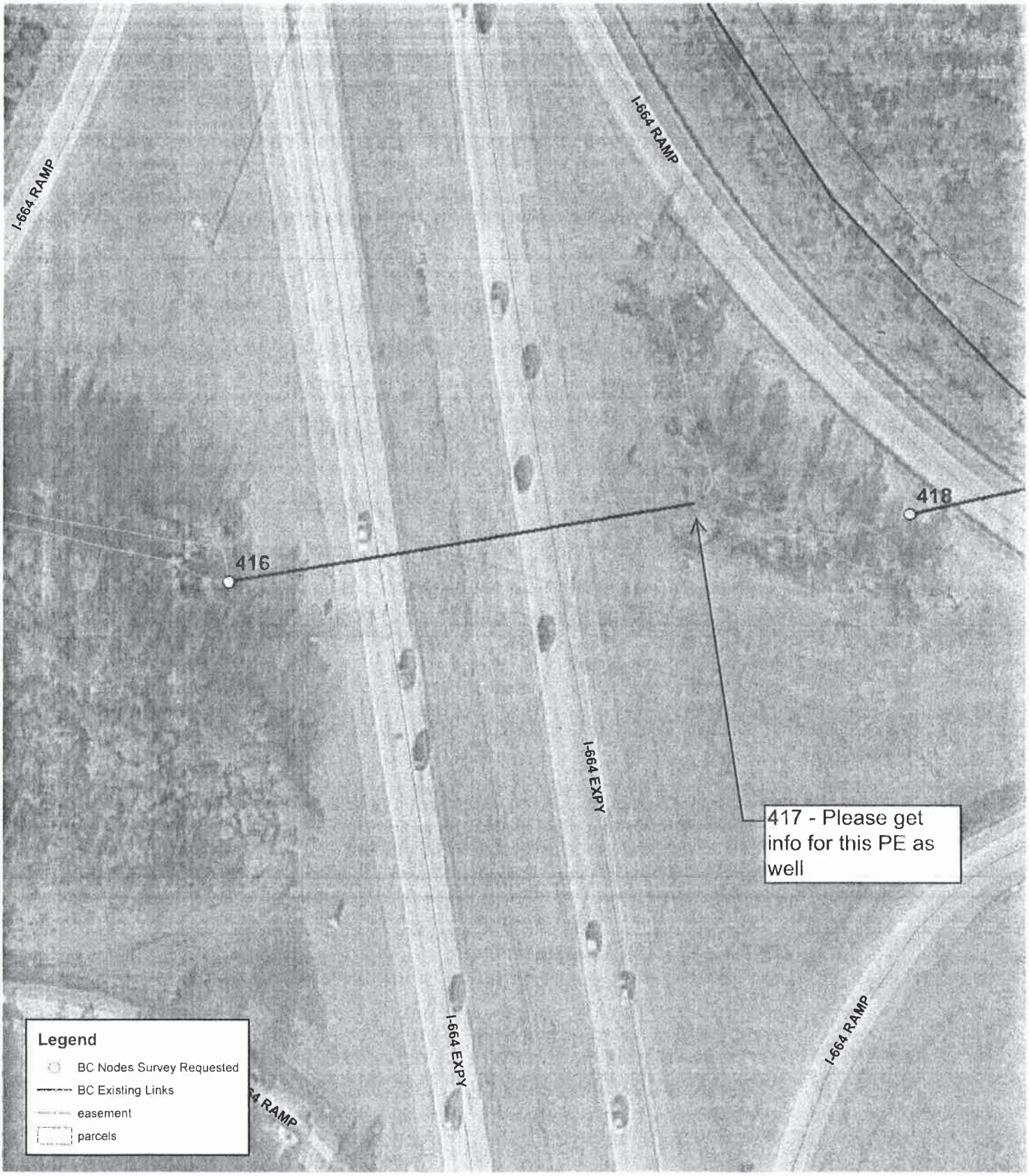

0 330 660 1,320 1,980 2,640 Feet

**See GIS for Complete Details**

## Survey Location Key Map

Aerial Imagery @ 2009 Commonwealth of Virginia

N



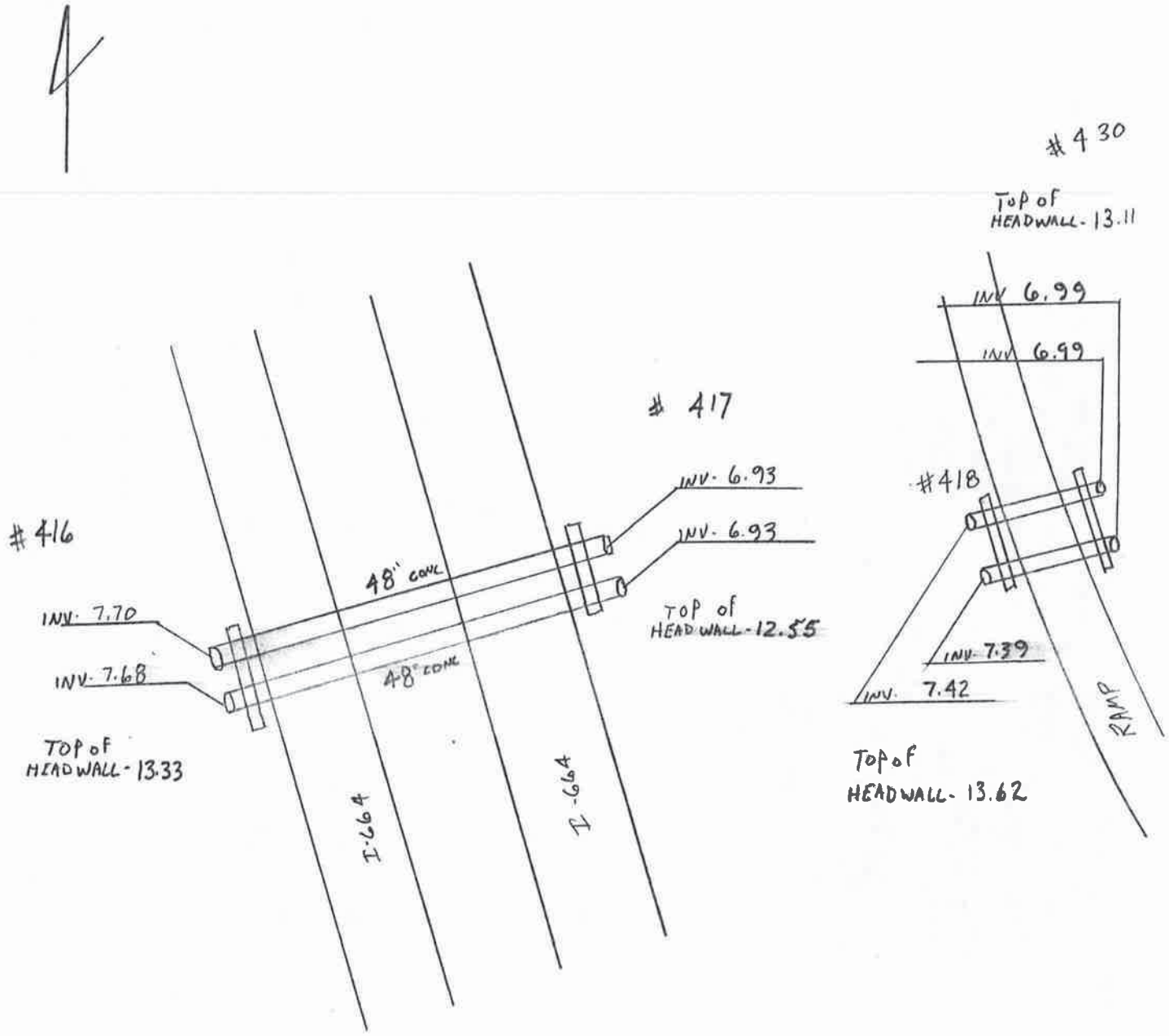

0 15 30 60 90 120 Feet

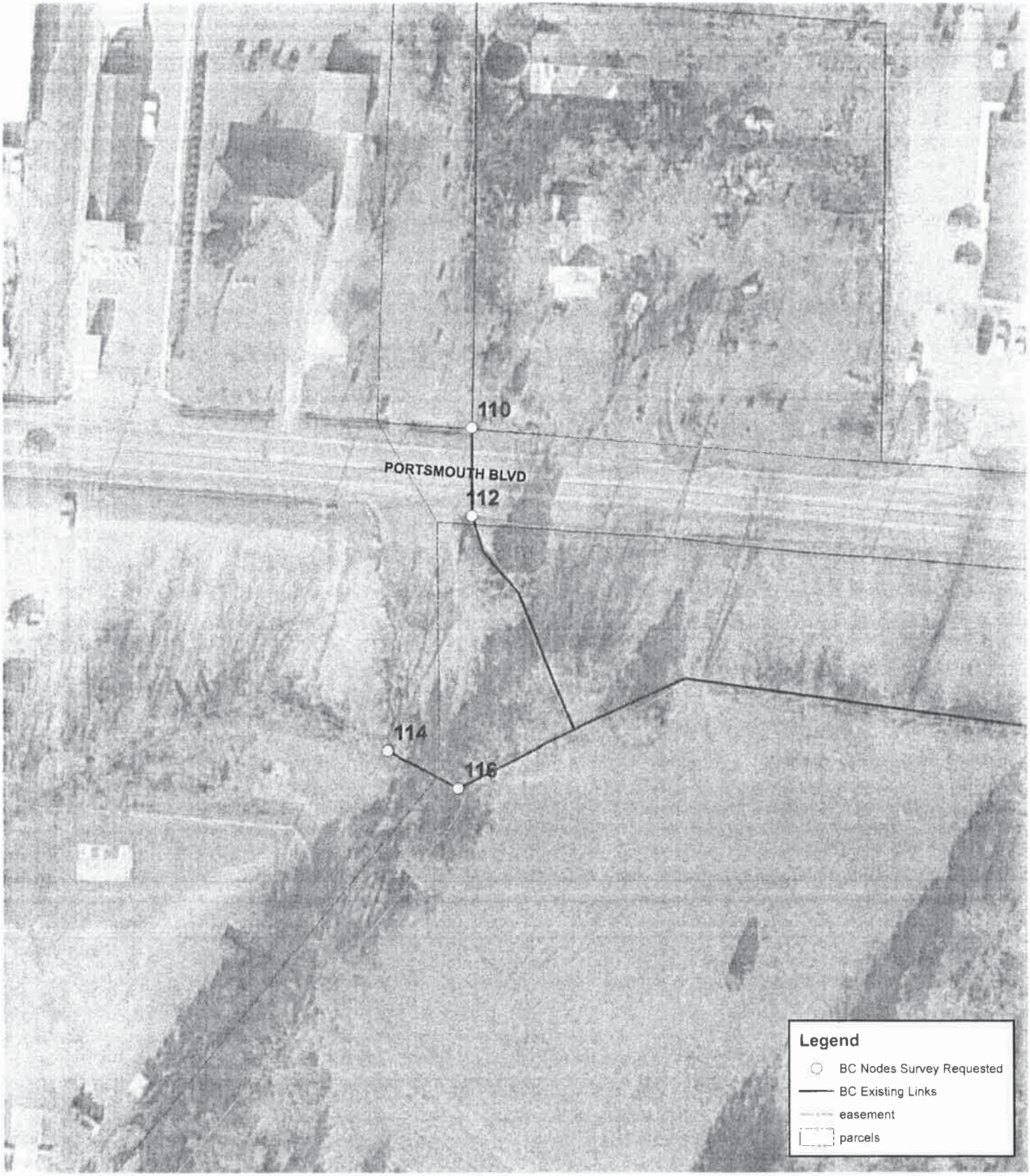
Aerial Imagery @ 2009 Commonwealth of Virginia

See GIS for Complete Details

N

**Survey Locations 416 - 418**


#430
Top of
HEADWALL - 13.11
INV 6.99
INV 6.99
#418
INV. 7.39
INV. 7.42
RAMP
Top of
HEADWALL - 13.62
#417
INV. 6.93
INV. 6.93
TOP of
HEAD WALL - 12.55
#416
48" CONC
INV. 7.70
INV. 7.68
48" CONC
TOP of
HEADWALL - 13.33
I-664
I-664



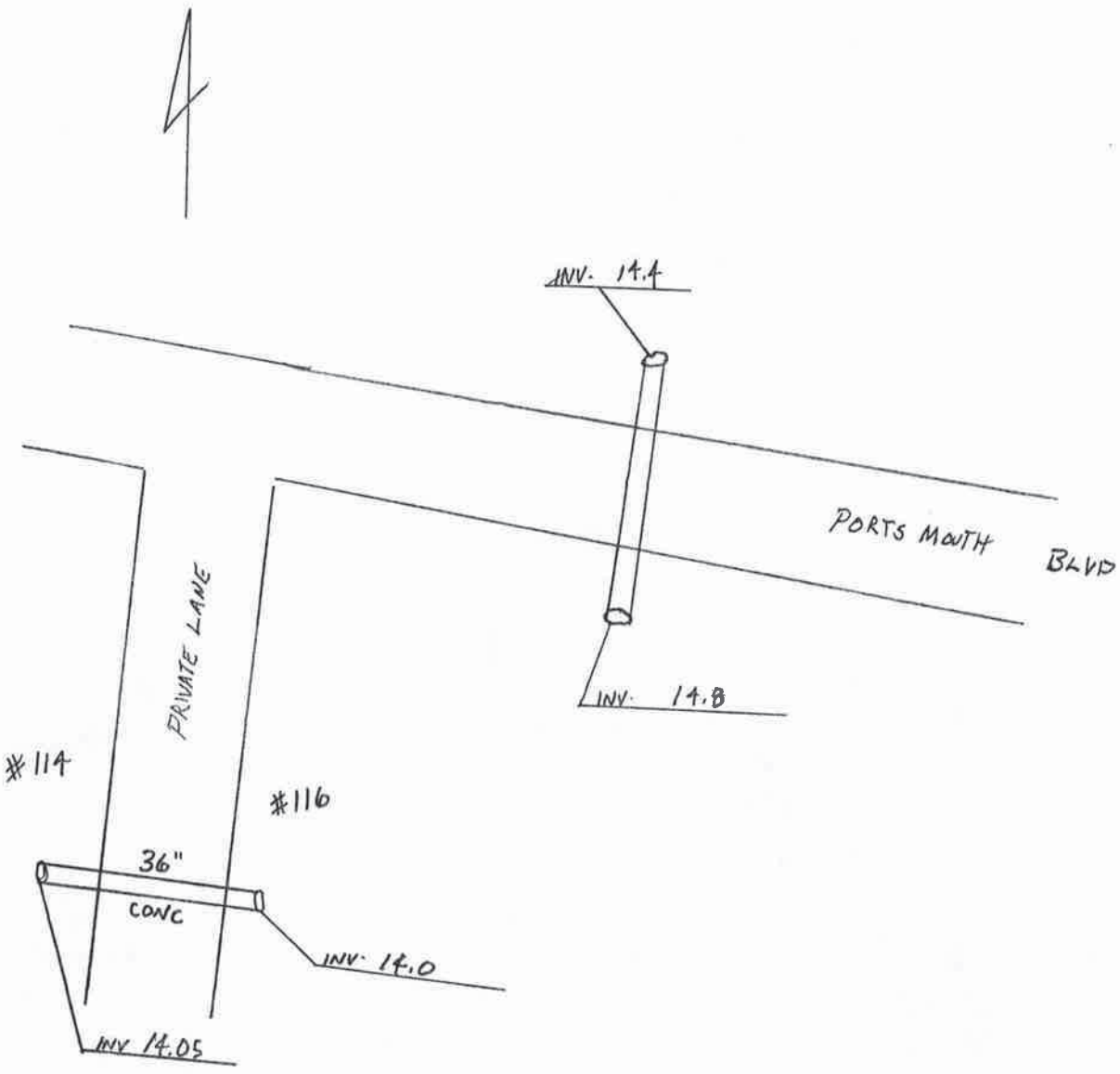

Aerial Imagery @ 2009 Commonwealth of Virginia

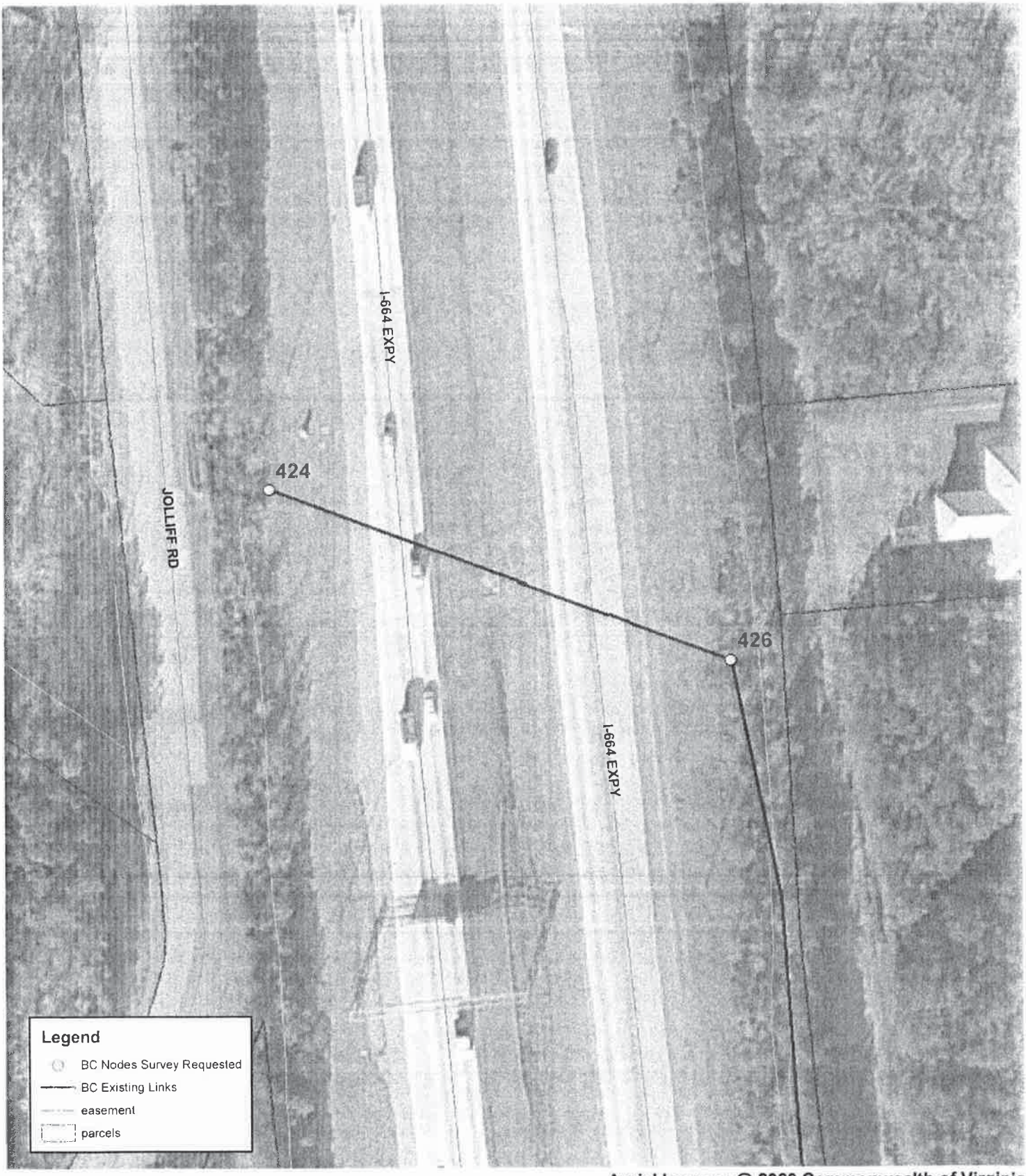
0 25 50 100 150 200 Feet

See GIS for Complete Details

N

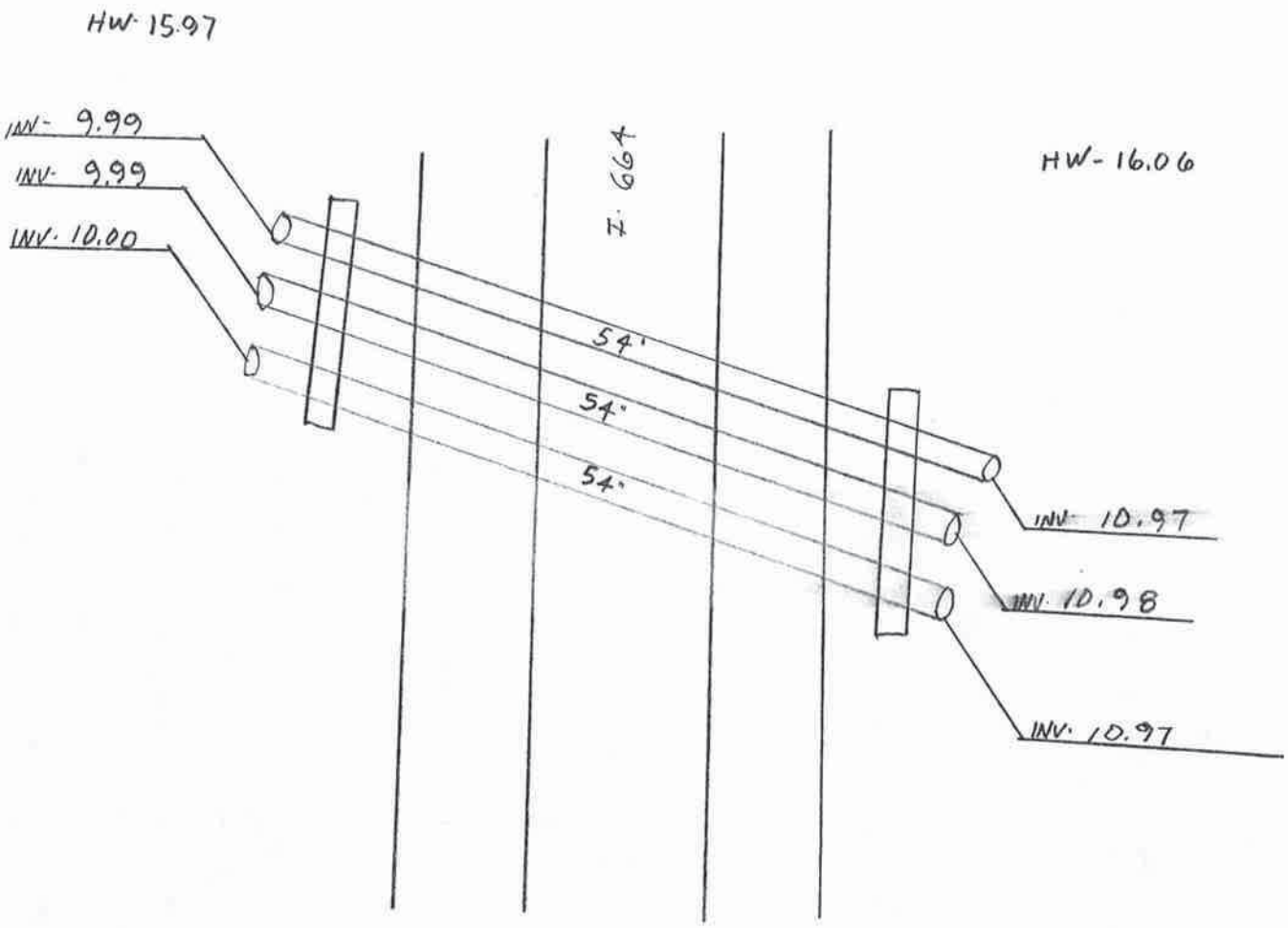
## Survey Locations 110 - 116

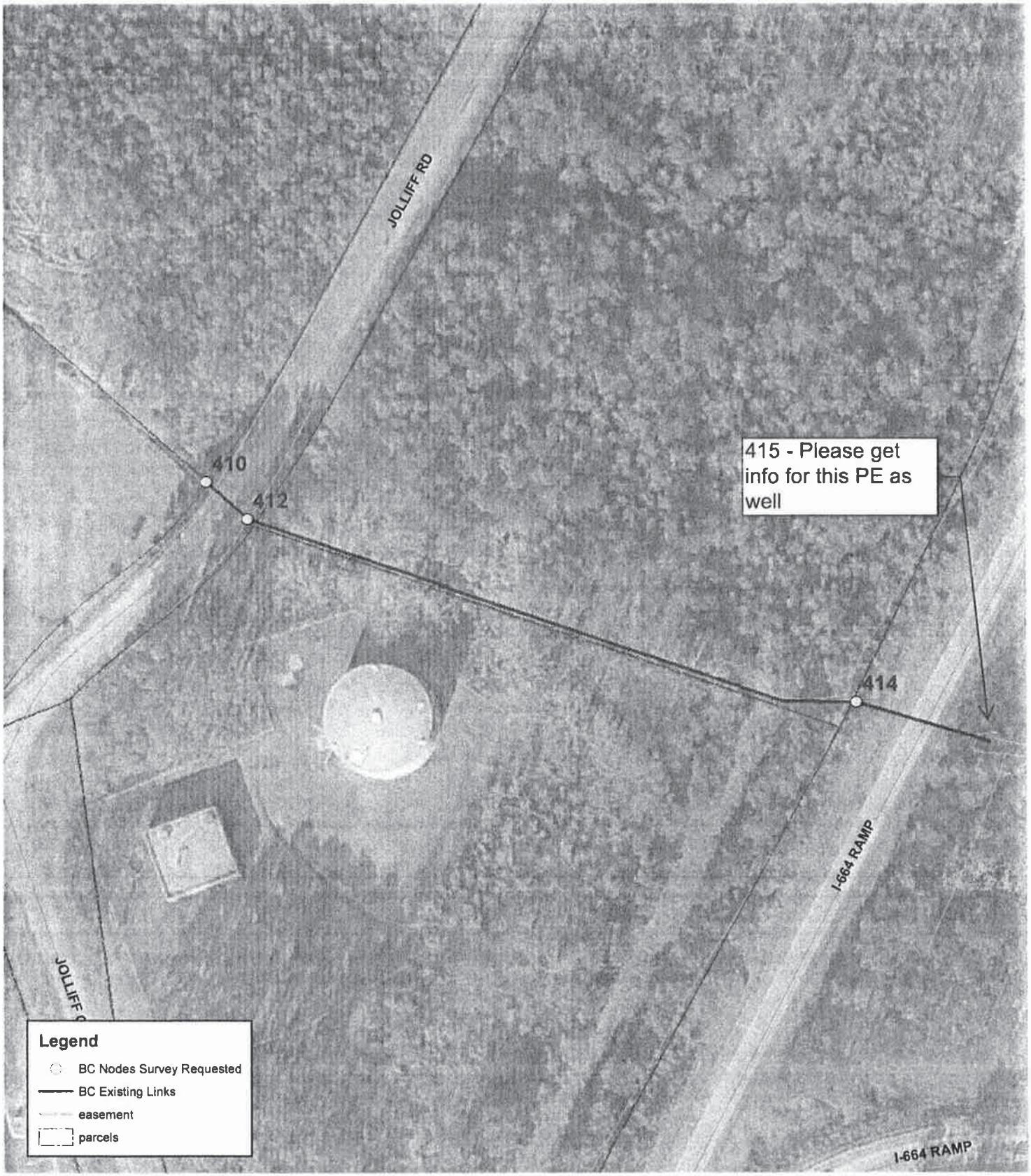

INV. 14.4
PORTS MOUTH BLVD
INV. 14.8
PRIVATE LANE
#114
#116
36"
CONC
INV. 14.0
INV 14.05




**See GIS for Complete Details**

## Survey Locations 424 - 426

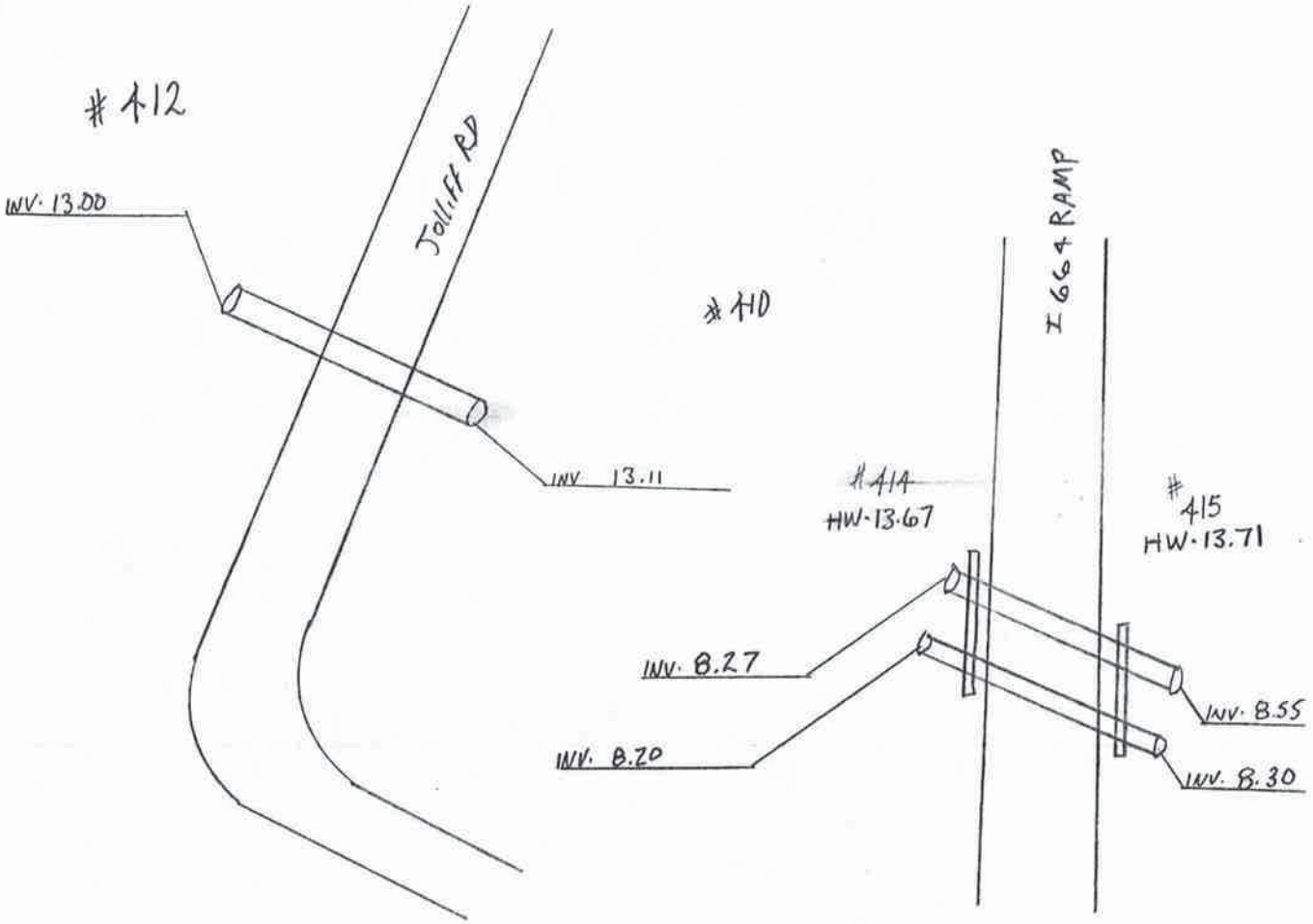

HW- 15.97
INV- 9.99
INV- 9.99
INV- 10.00
I- 664
HW- 16.06
54"
54"
54"
INV- 10.97
INV- 10.98
INV- 10.97

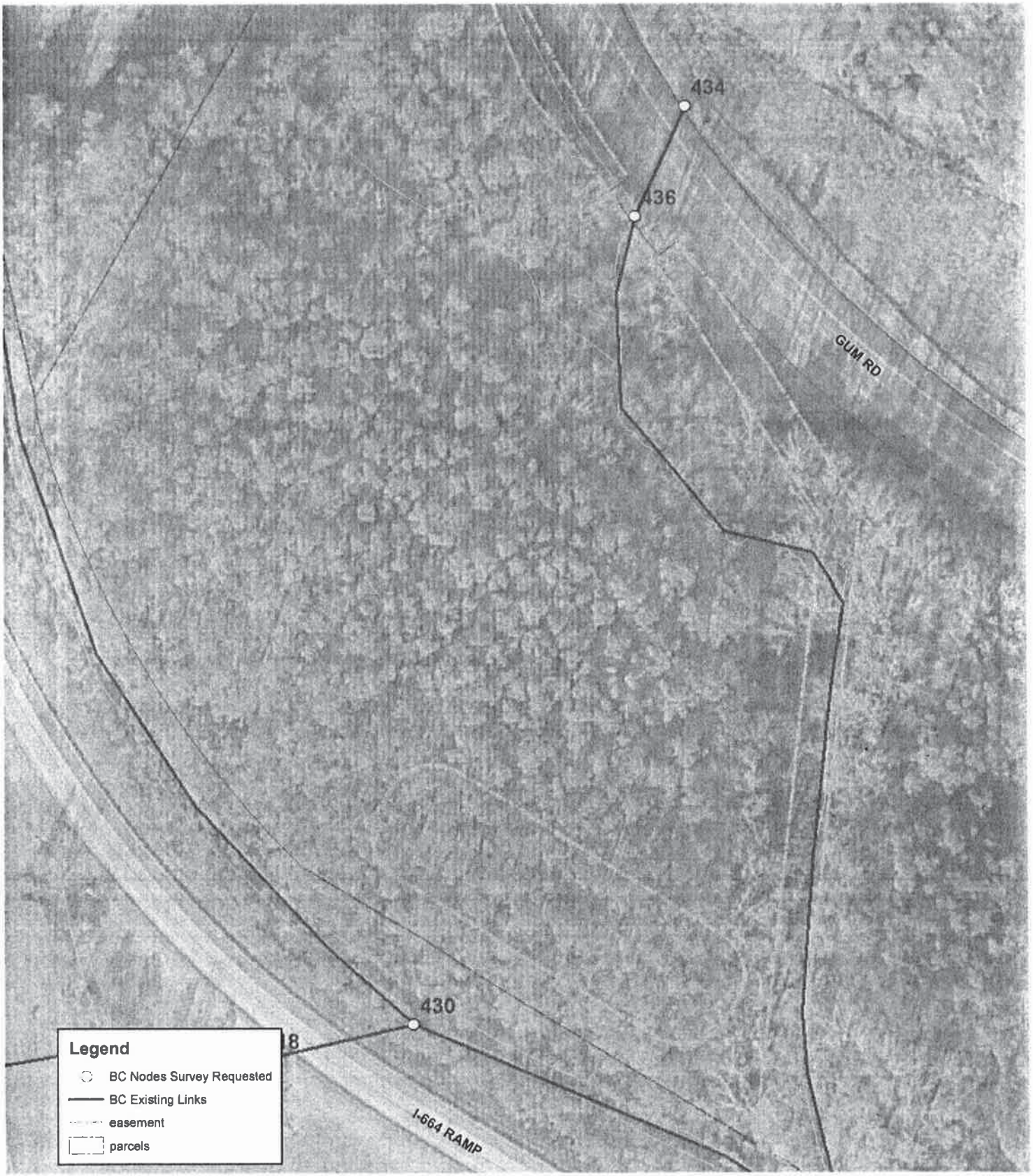



Aerial Imagery @ 2009 Commonwealth of Virginia

**See GIS for Complete Details**

**Survey Locations 410 - 414**

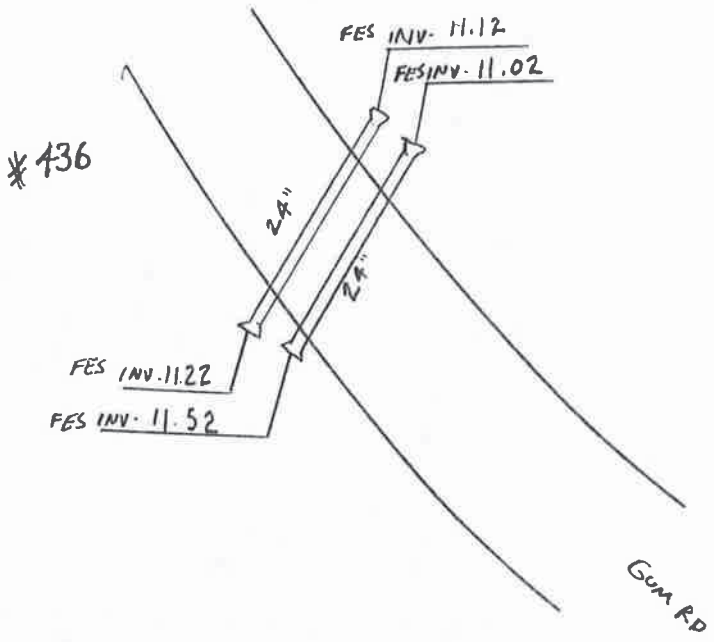

#412
INV. 13.00
Tolliff RD
#410
INV 13.11
I 664 RAMP
#414
HW-13.67
#415
HW-13.71
INV. 8.27
INV. 8.20
INV. 8.55
INV. 8.30




**See GIS for Complete Details**

**Survey Locations 430 - 436**

#434


#436
FES INV. 11.12
FES INV. 11.02
24"
24"
FES INV. 11.22
FES INV. 11.52
GUM RD

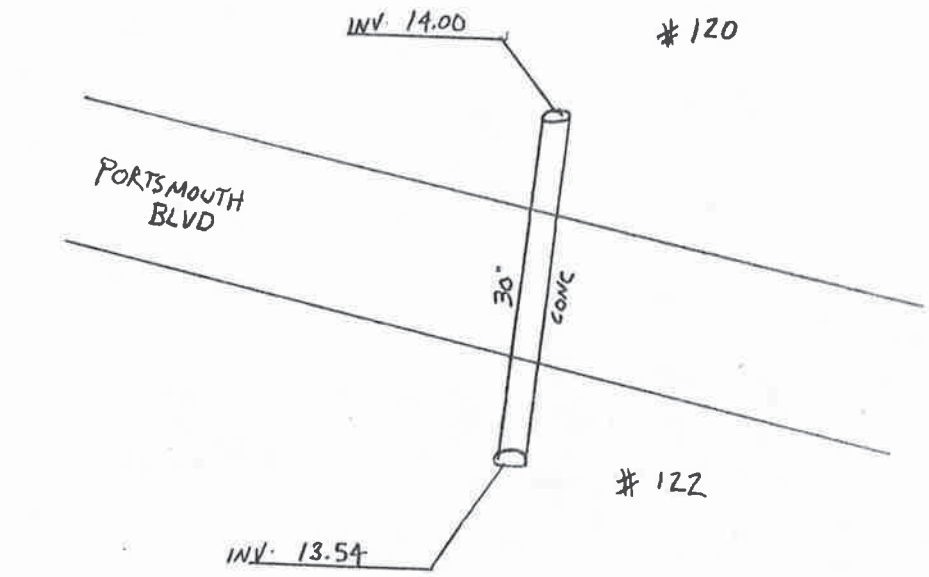
Aerial Imagery @ 2009 Commonwealth of Virginia

0 25 50 100 150 200 Feet

See GIS for Complete Details

N

## Survey Locations 120 - 122


INV. 14.00
# 120
PORTSMOUTH BLVD
30"
CONC
# 122
INV. 13.54

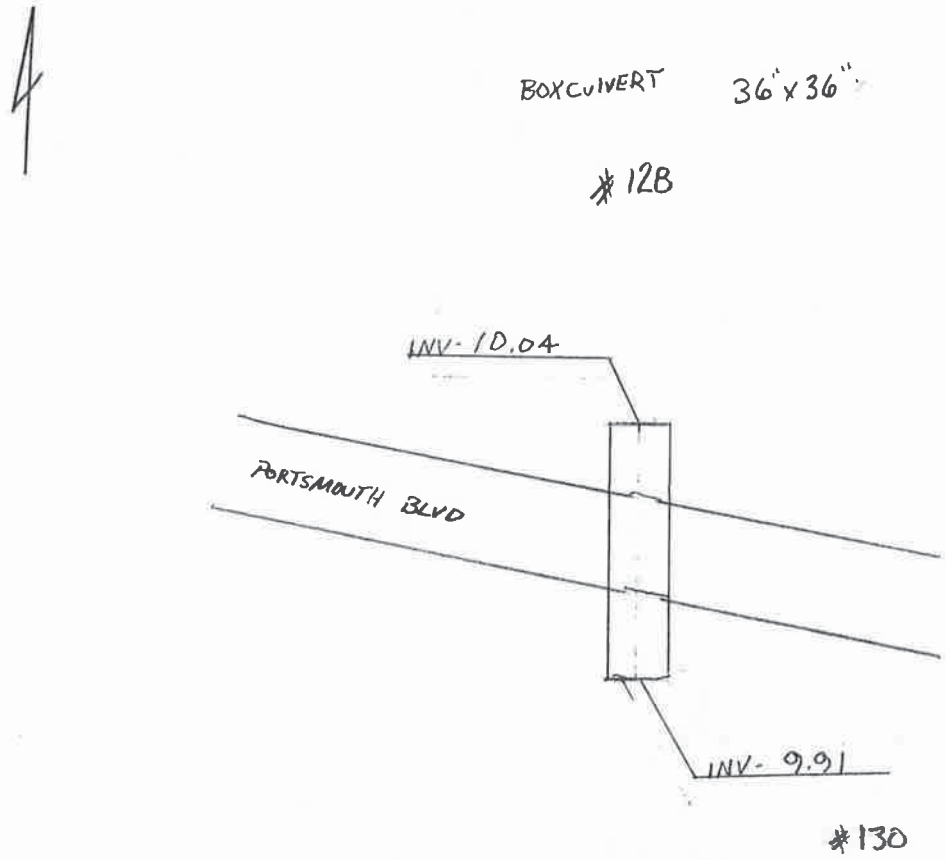
Aerial Imagery @ 2009 Commonwealth of Virginia

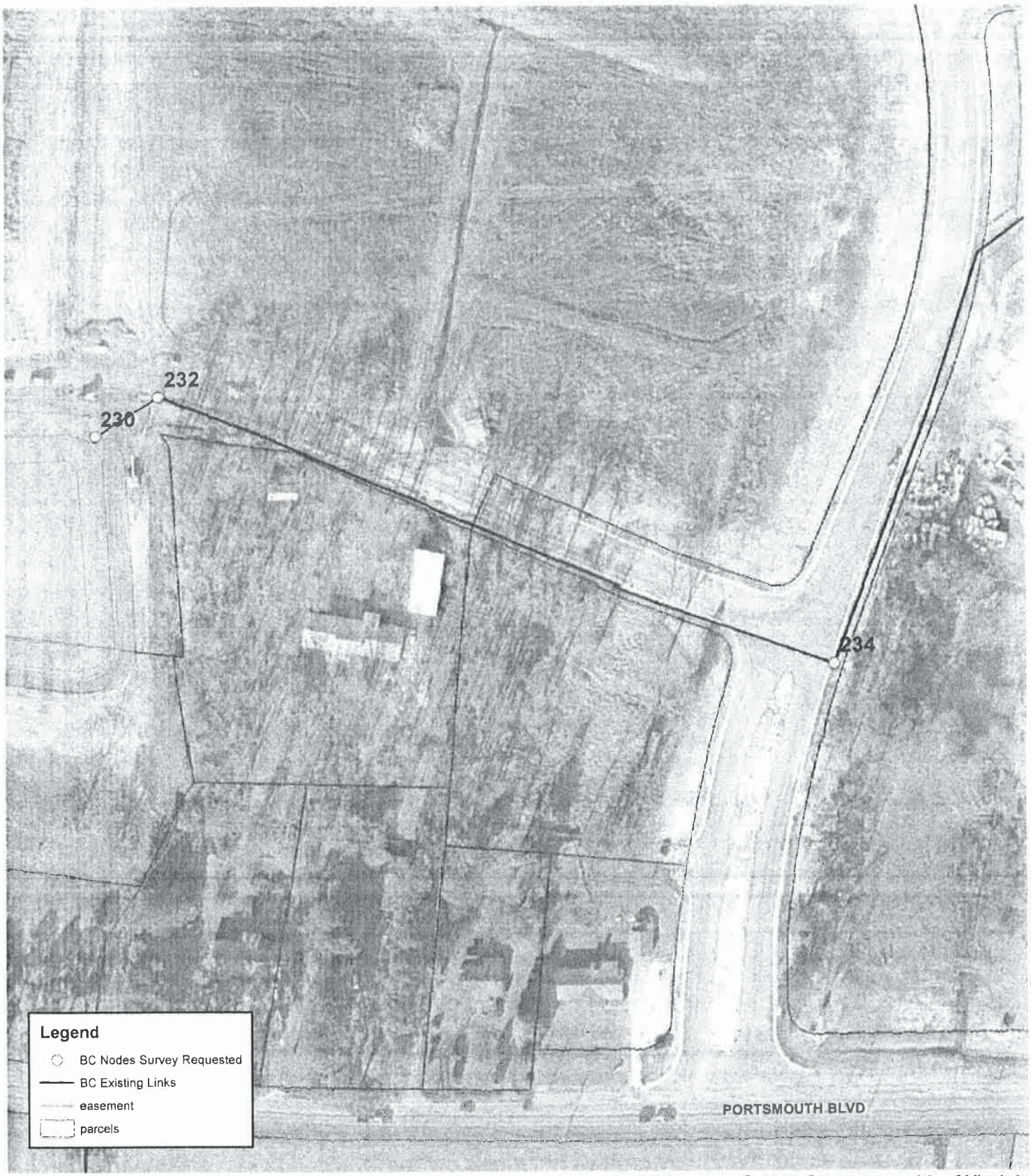
0 25 50 100 150 200 Feet

See GIS for Complete Details

N

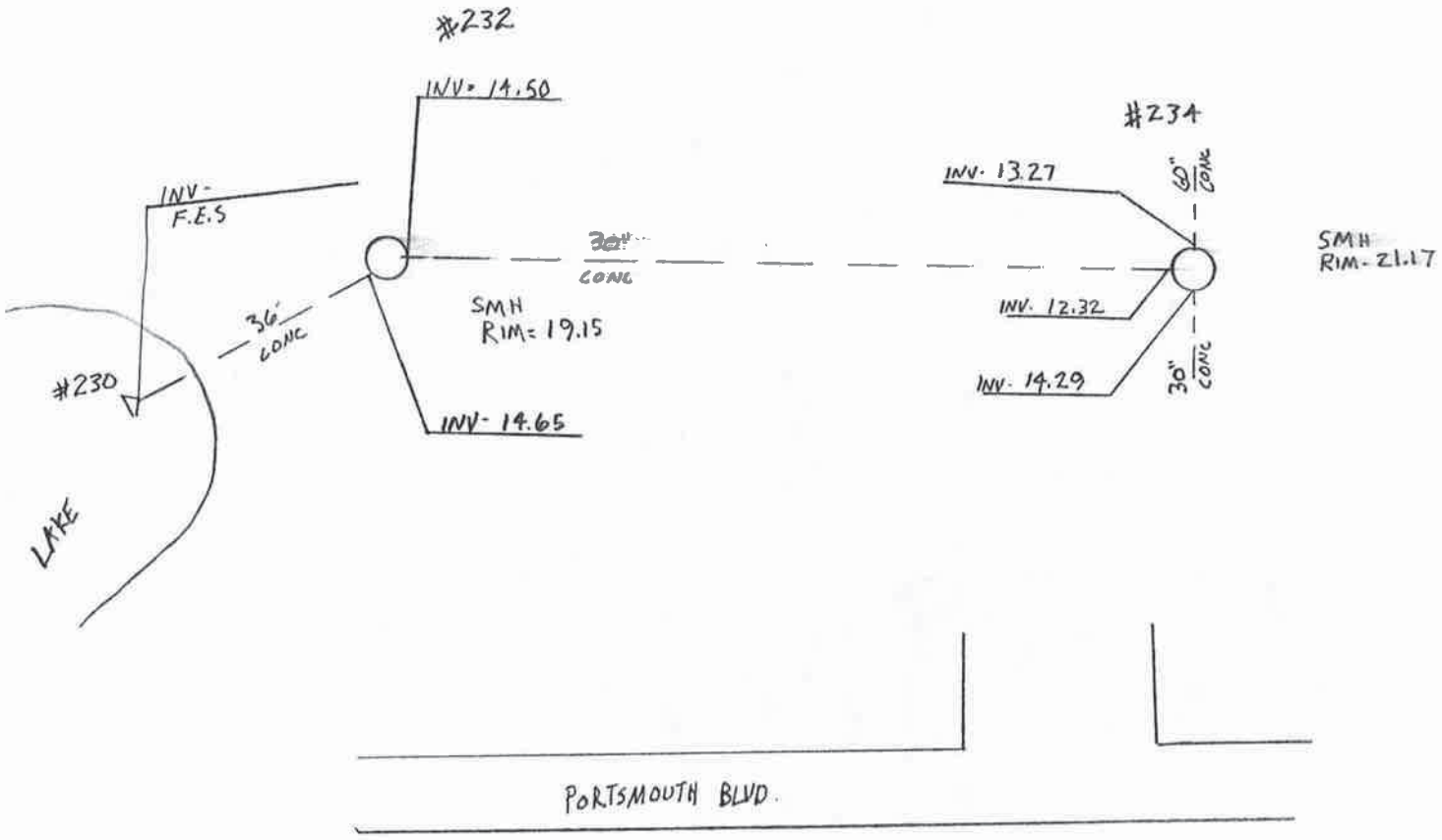
## Survey Locations 124 - 130


BOX CULVERT 36" x 36"
#128
INV- 10.04
PORTSMOUTH BLVD
INV- 9.91
#130
DIRT PATH
7.84
27"
CONC
7.81
#124
#126




See GIS for Complete Details

## Survey Locations 230 - 234

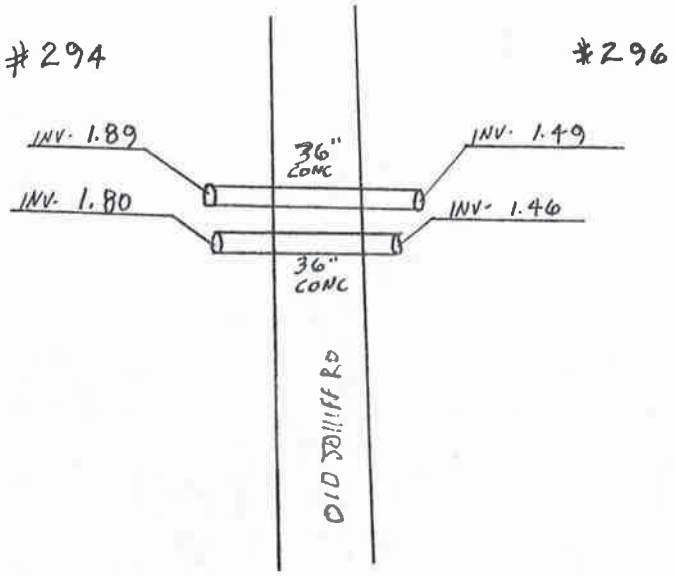

#232
INV= 14.50
#234
INV. 13.27
60" CONC
INV-
F.E.S
30" CONC
SMH
RIM- 21.17
36" CONC
SMH
RIM= 19.15
INV. 12.32
#230
INV. 14.29
30" CONC
INV- 14.65
LAKE
PORTSMOUTH BLVD.

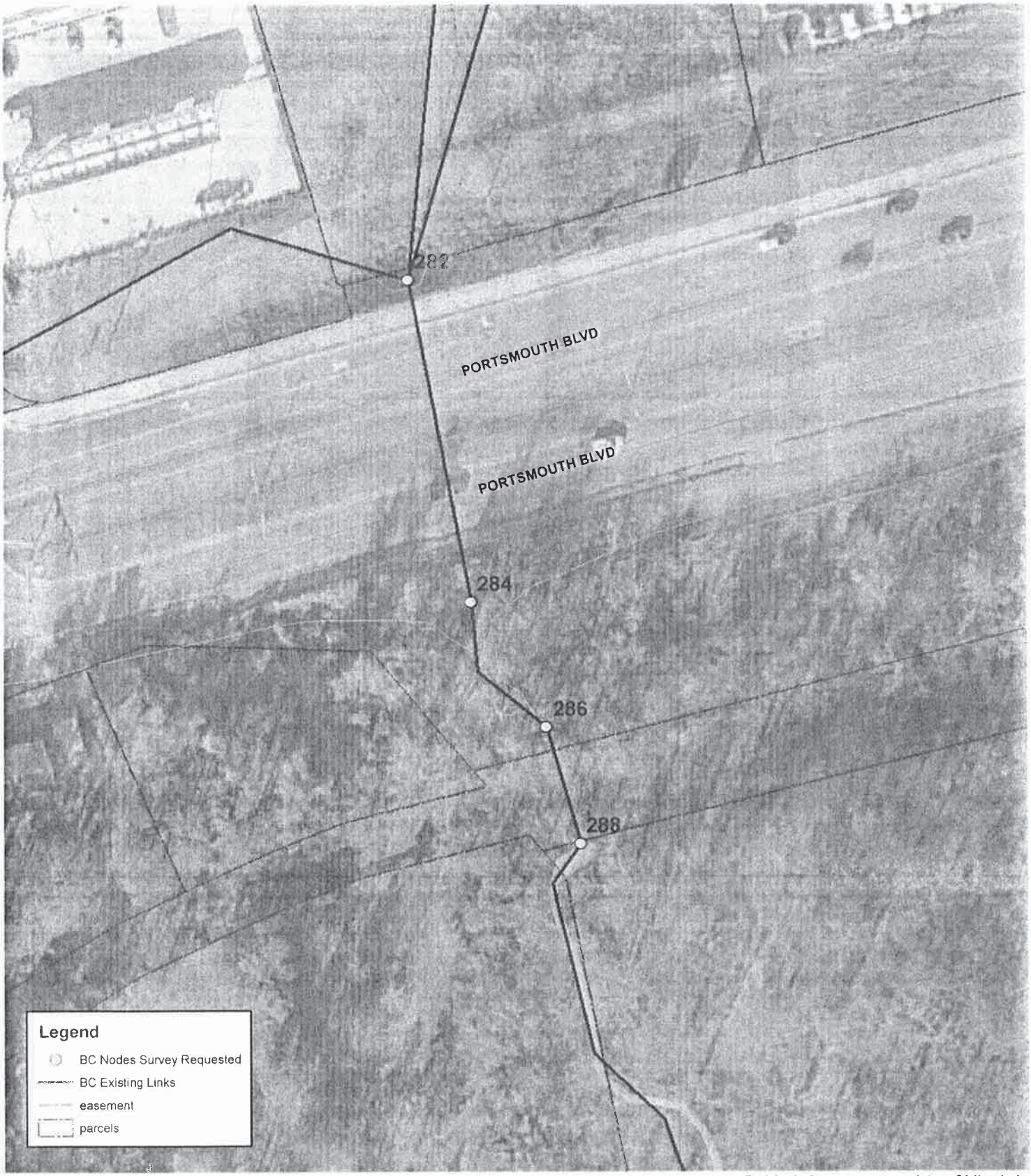
Aerial Imagery @ 2009 Commonwealth of Virginia

See GIS for Complete Details

**Survey Locations 294 - 298**

4


#294
#296
INV. 1.89
INV. 1.80
36" CONC
36" CONC
INV. 1.49
INV. 1.46
OLD SMITH RD




Aerial Imagery @ 2009 Commonwealth of Virginia

0 25 50 100 150 200 Feet

See GIS for Complete Details

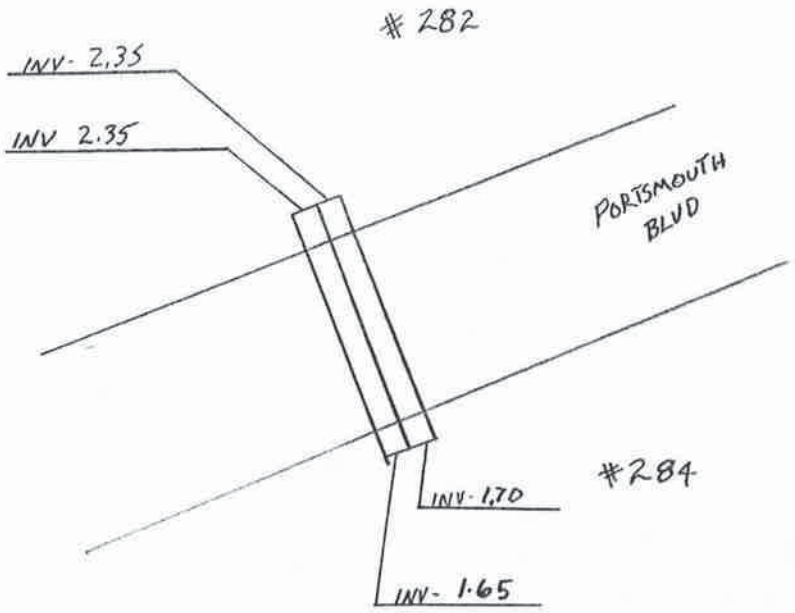
N

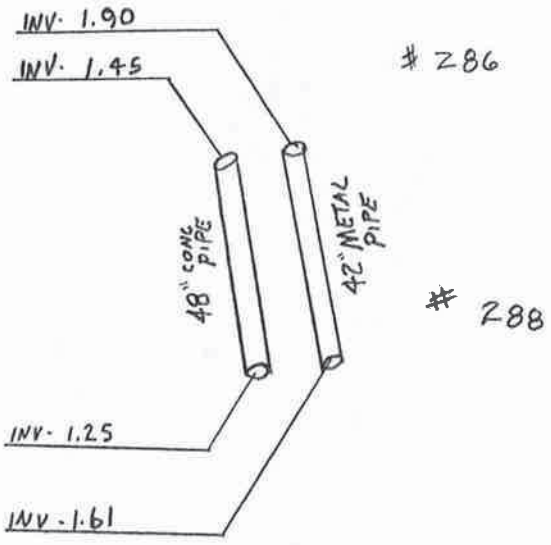
**Survey Locations 282 - 288**

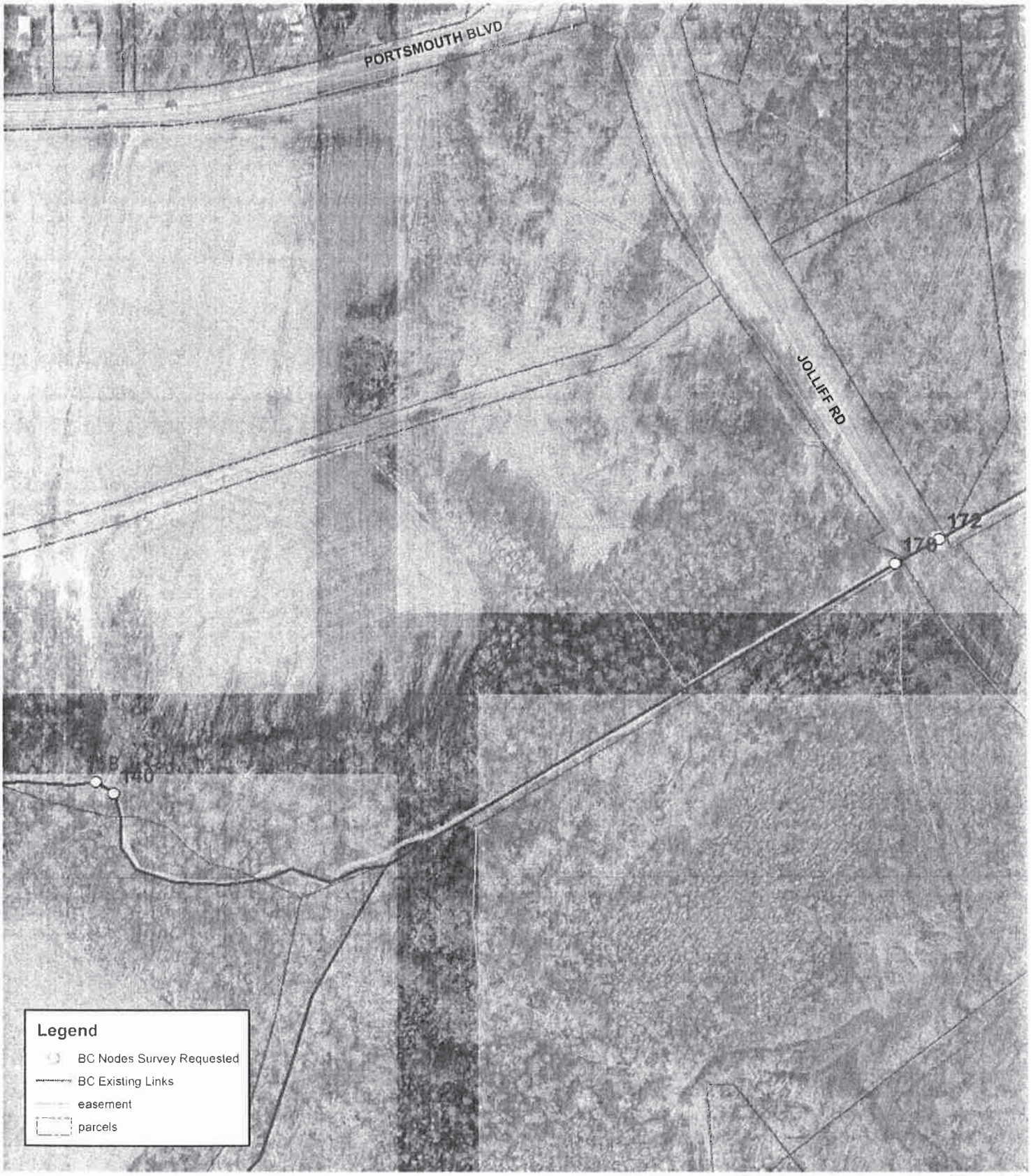
4

Box Culvert

96" WIDE x 72" TALL x2

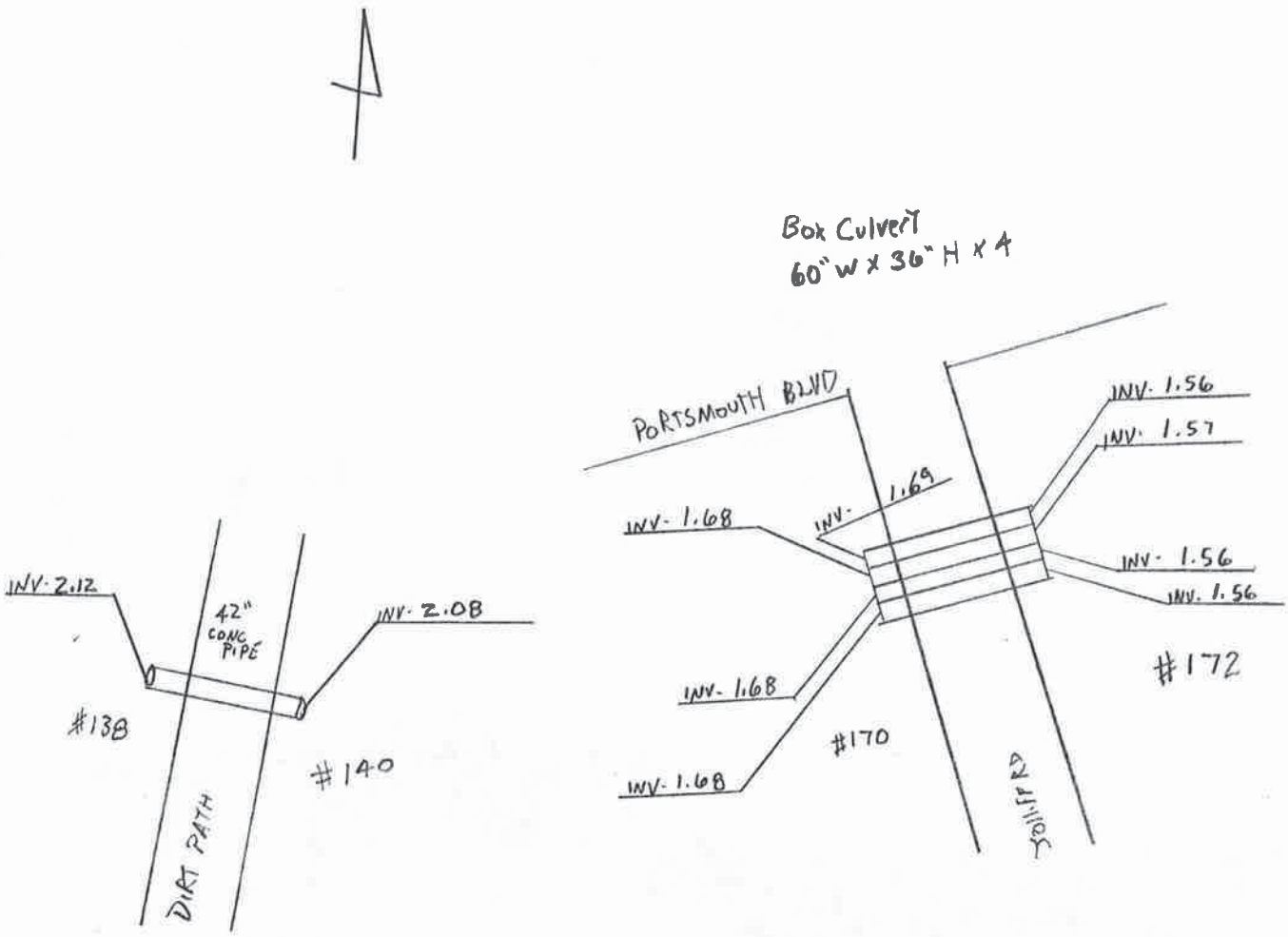


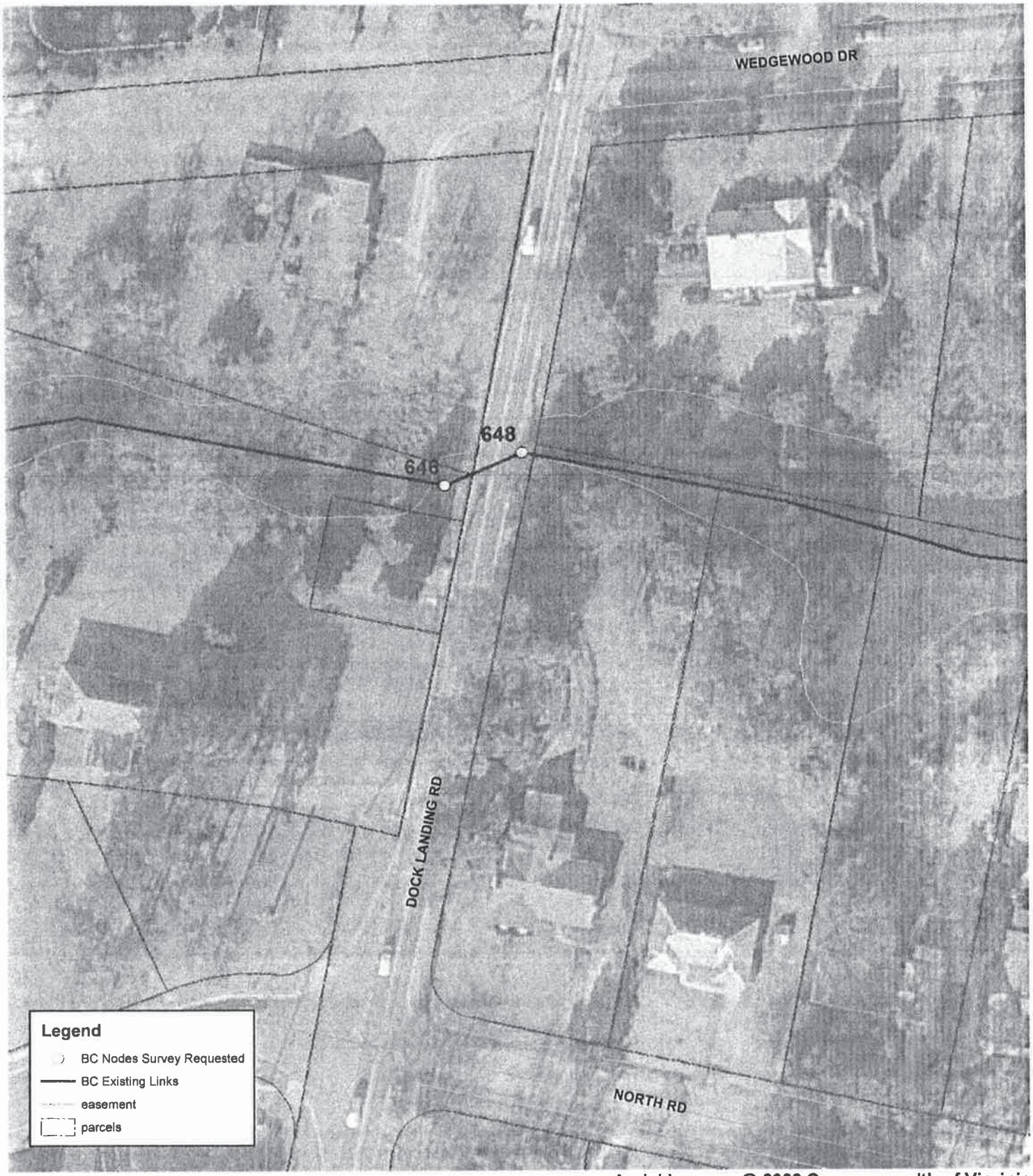






See GIS for Complete Details

## Survey Locations 138 - 140 and 170 - 172


Box Culvert
60" W x 36" H x 4
PORTSMOUTH BLVD
INV. 1.56
INV. 1.57
INV. 1.69
INV. 1.68
INV. 1.56
INV. 1.56
#172
INV. 1.68
#170
INV. 1.68
SQUIFF RD
INV. 2.12
42" CONC PIPE
INV. 2.08
#138
#140
DIRT PATH




Aerial Imagery @ 2009 Commonwealth of Virginia

0 15 30 60 90 120 Feet

**See GIS for Complete Details**

**Survey Locations 646 - 648**

See Back For Drawing

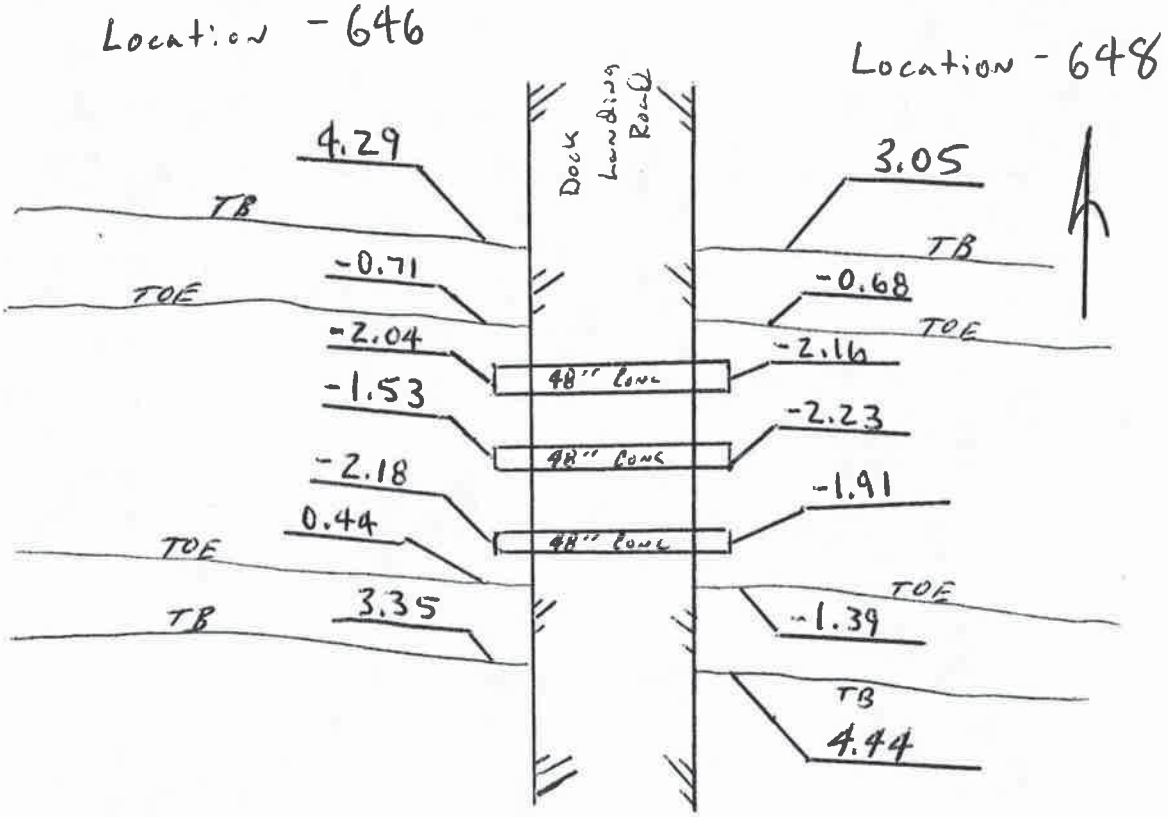
N

10/31/11

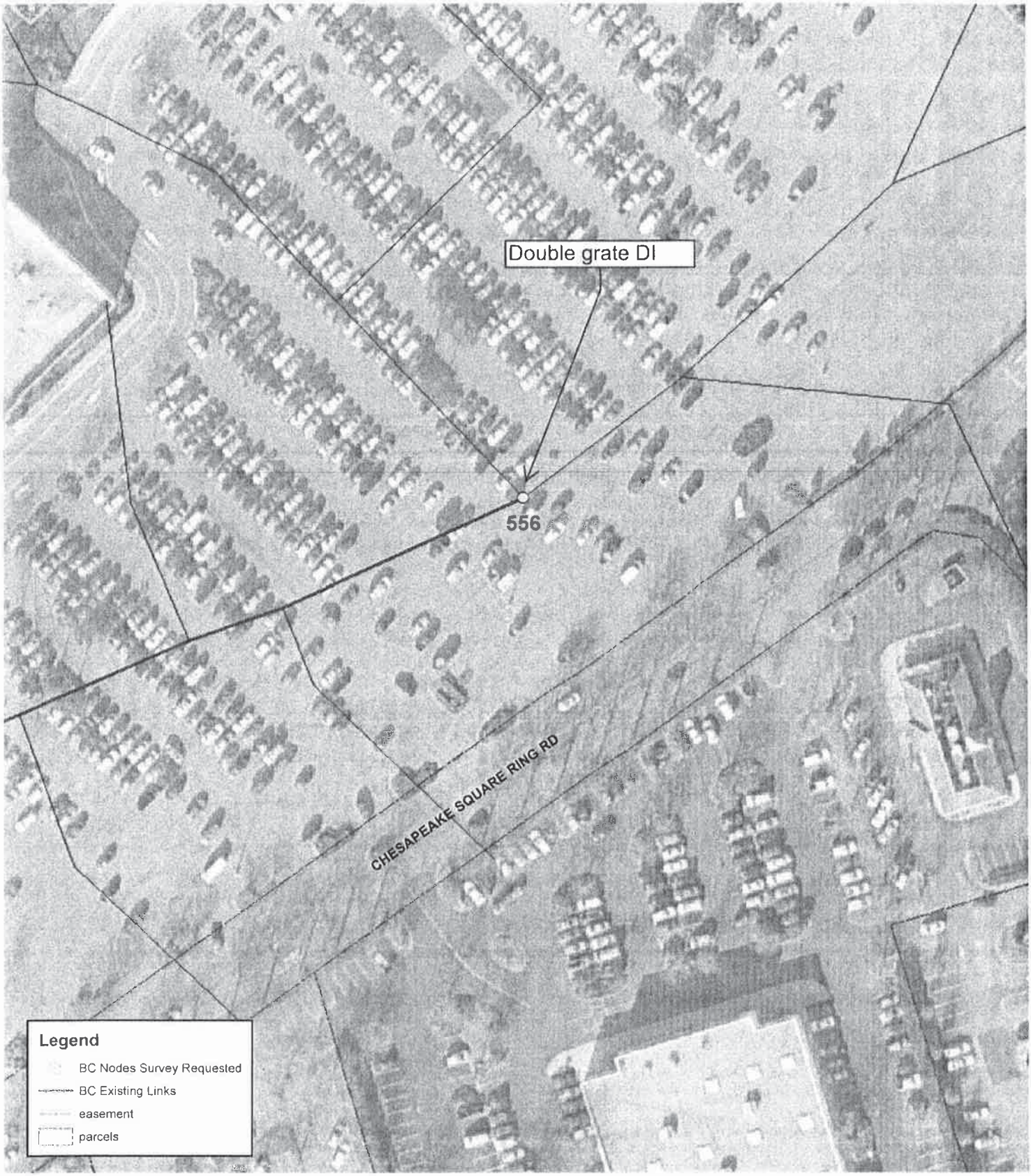
BC/BW/ZK

TB - 40' \
TOE - 20' / West Side

TB - 40' \
TOE - 24' / East side




TOP WATER EL = 0.72




Aerial Imagery @ 2009 Commonwealth of Virginia

0 20 40 80 120 160 Feet

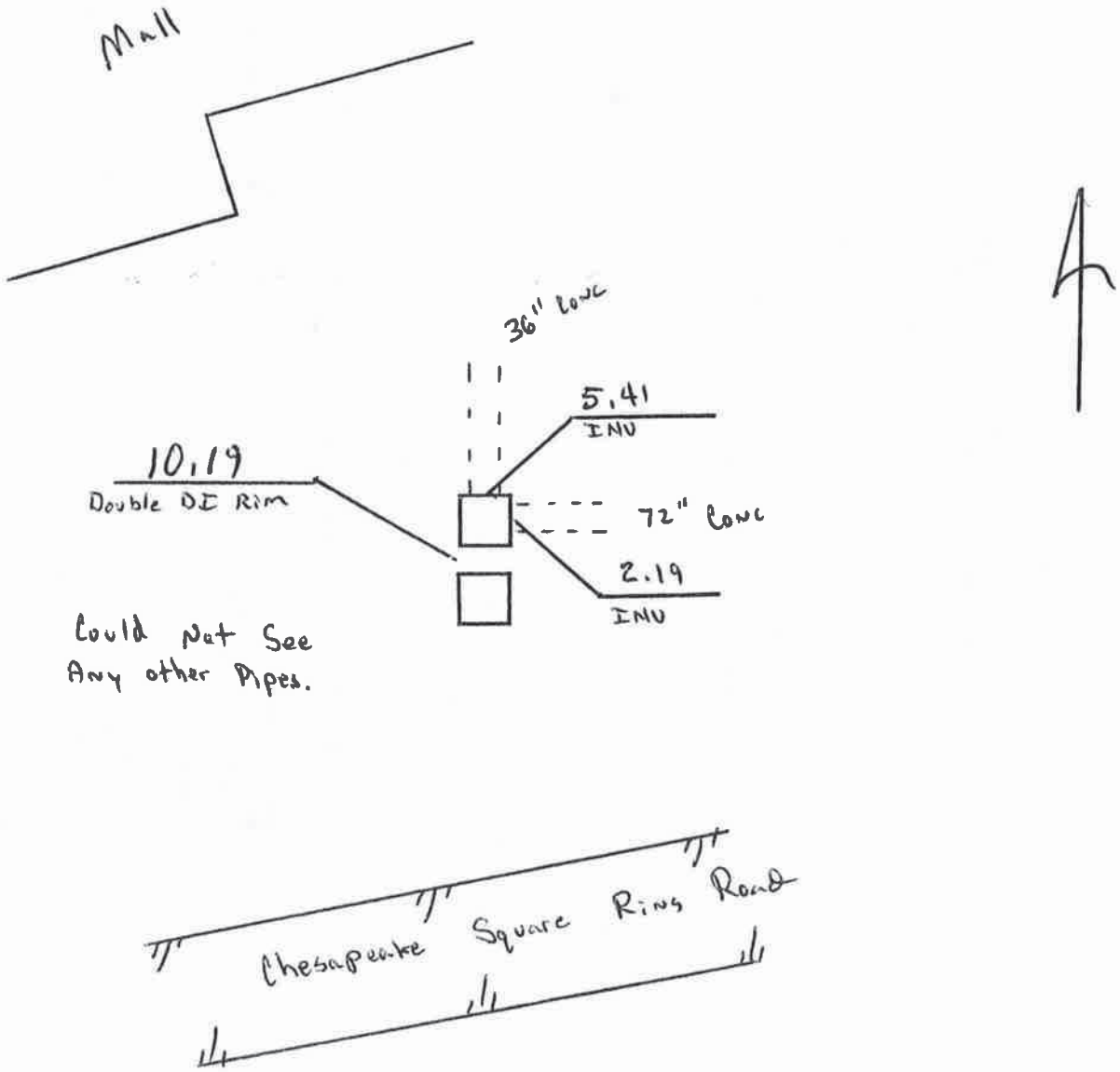
**See GIS for Complete Details**

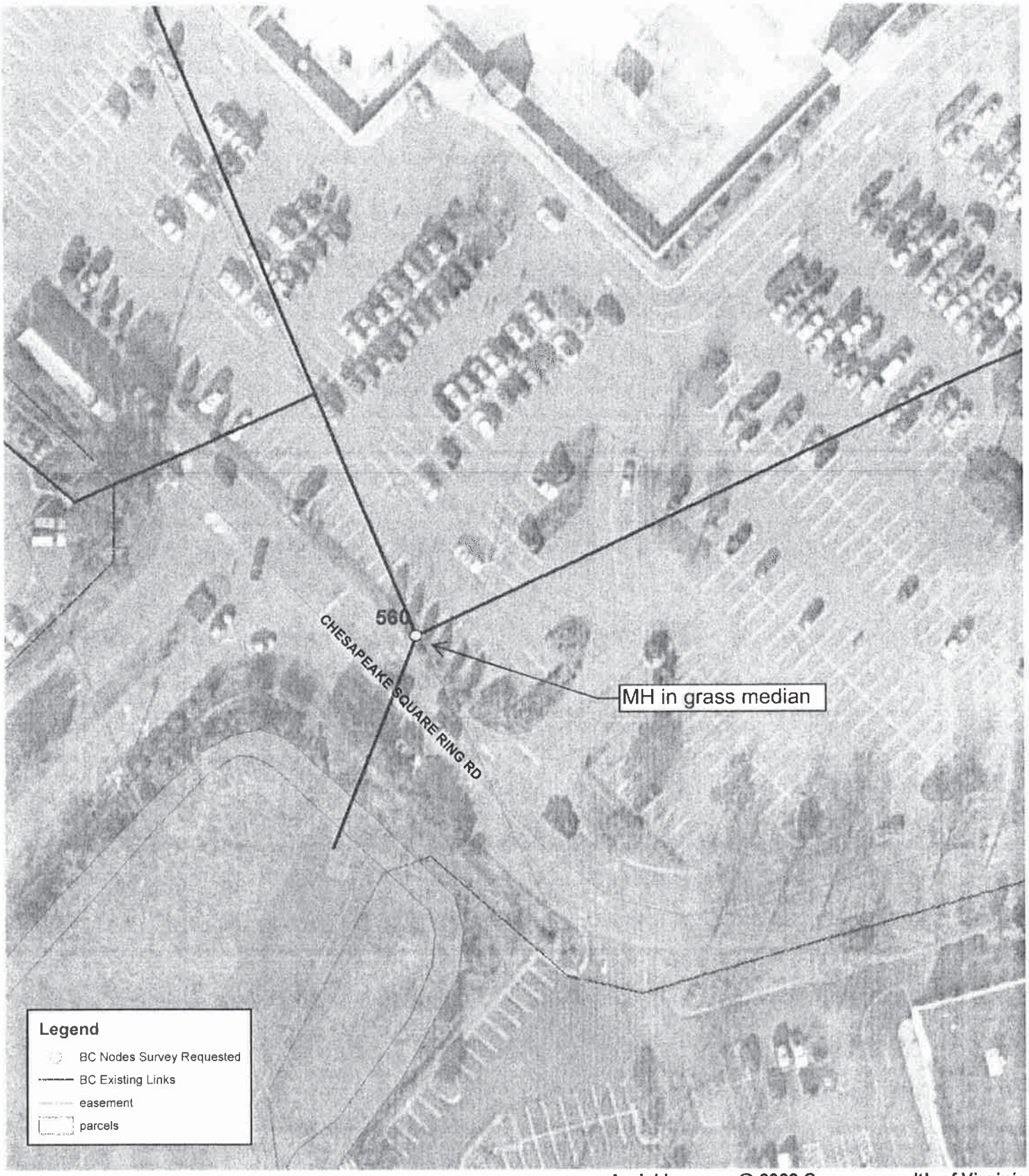
**Survey Location 556**

See Back For Drawing

N

11/1/11 BC/BW/ZK





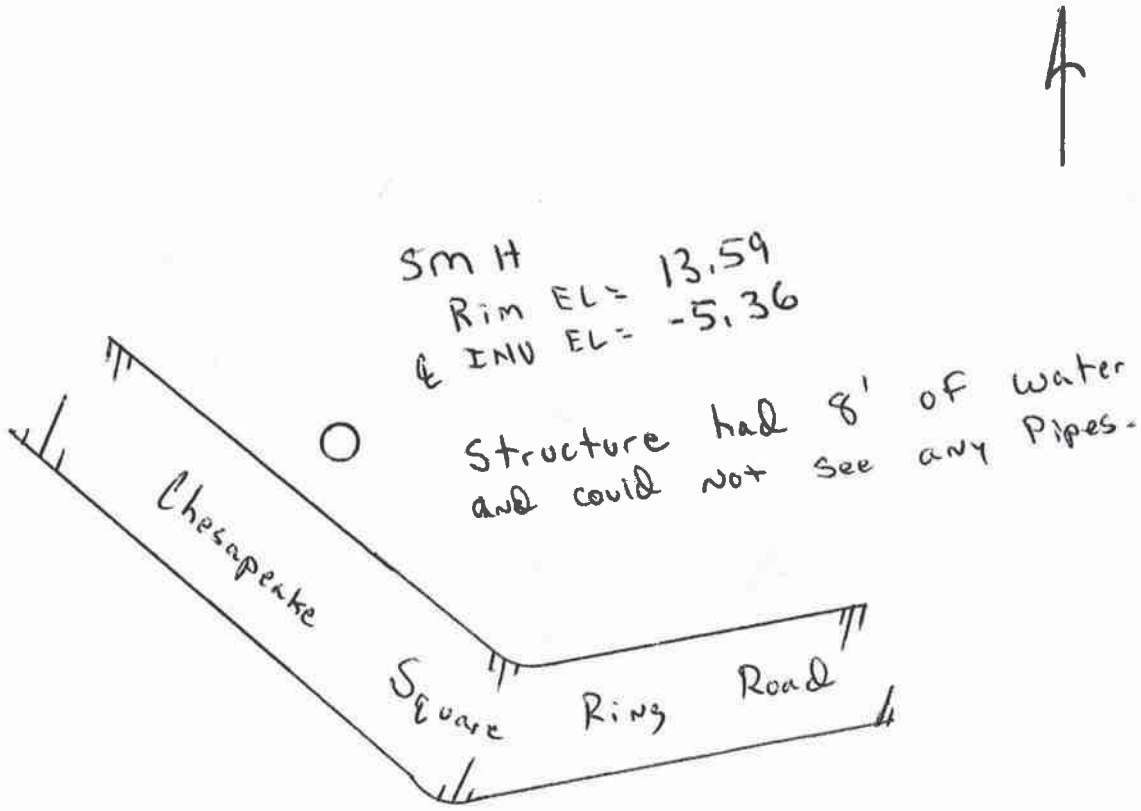

**See GIS for Complete Details**

**Survey Location 560**

See Back For Drawing

11/1/11 BC/BW/2K

Location 560



Aerial Imagery @ 2009 Commonwealth of Virginia

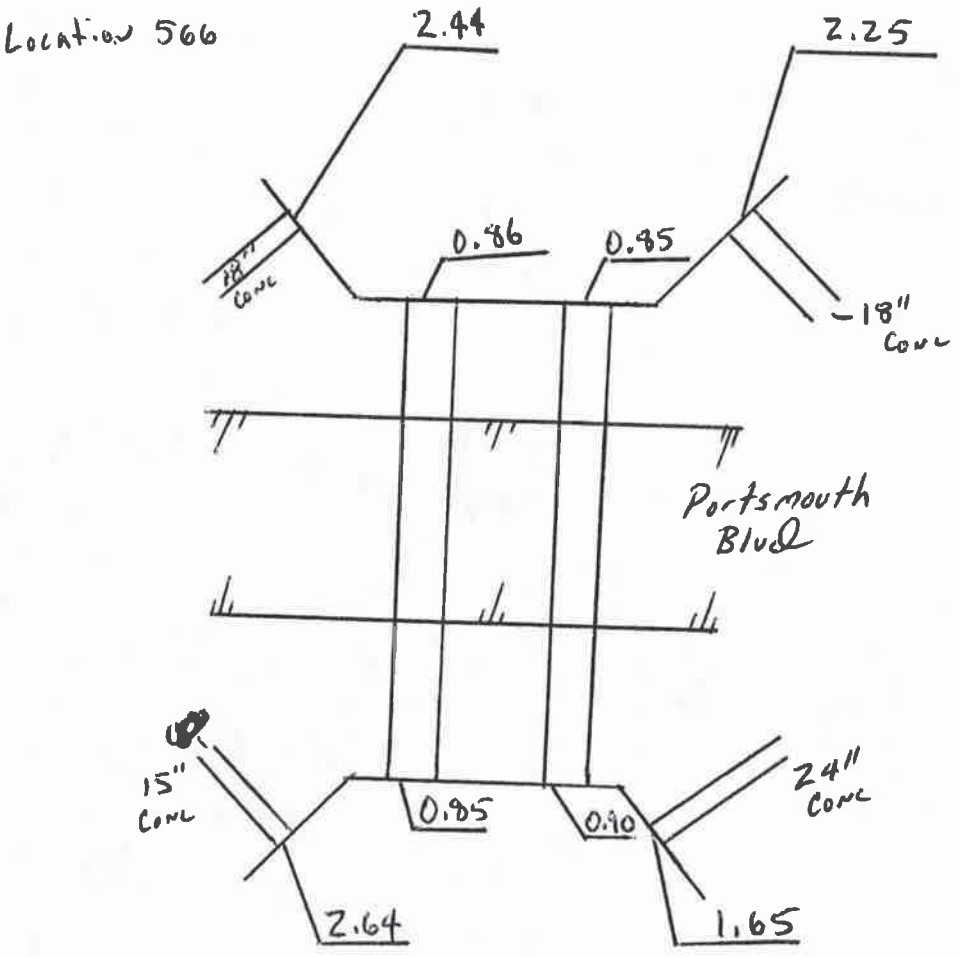
0 15 30 60 90 120 Feet

**See GIS for Complete Details**

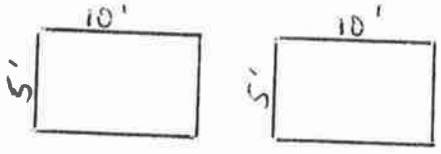
**Survey Locations 566 - 568**

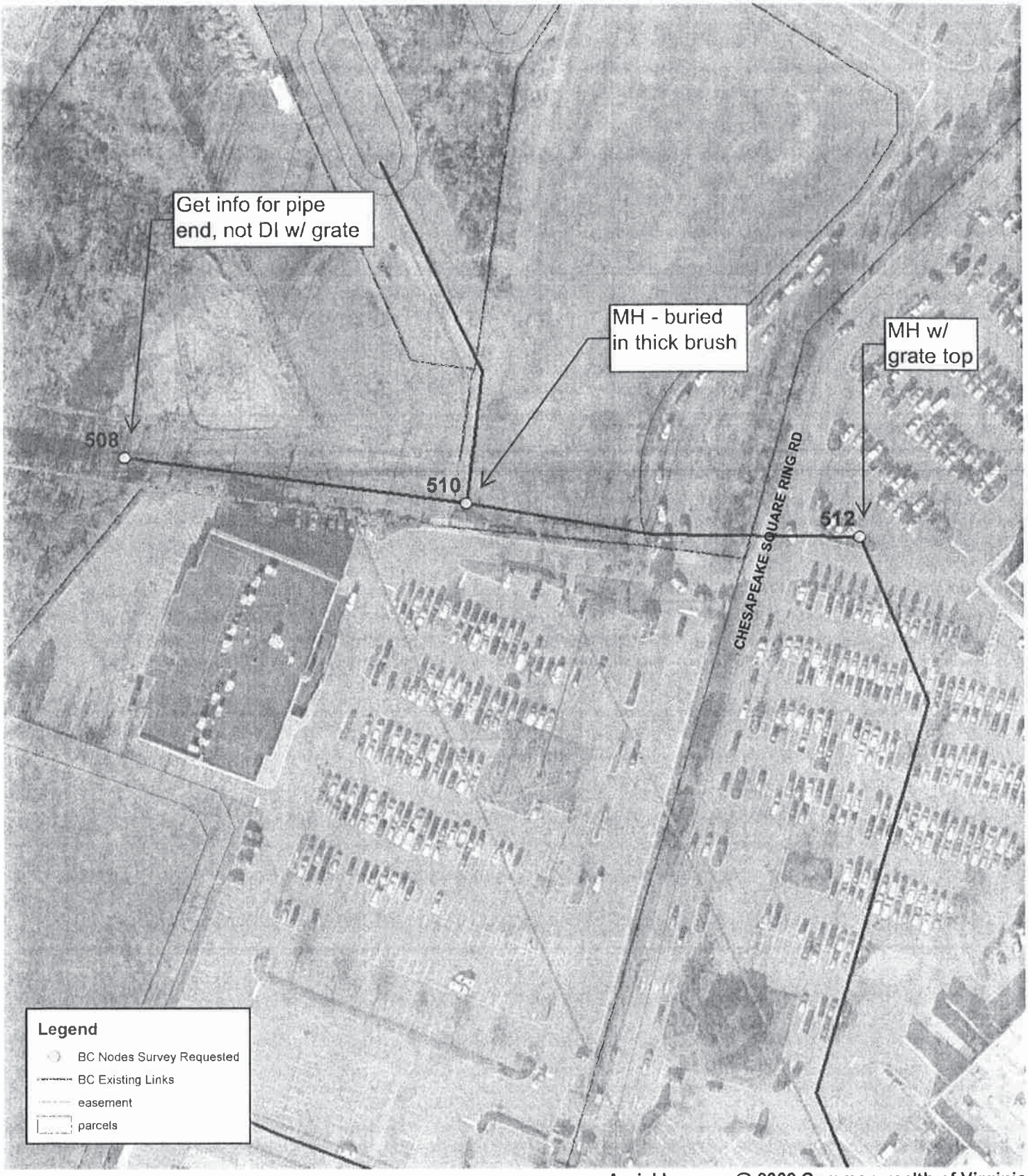
See Back For Drawing

11/1/11 BC/BW/ZK




Location 568





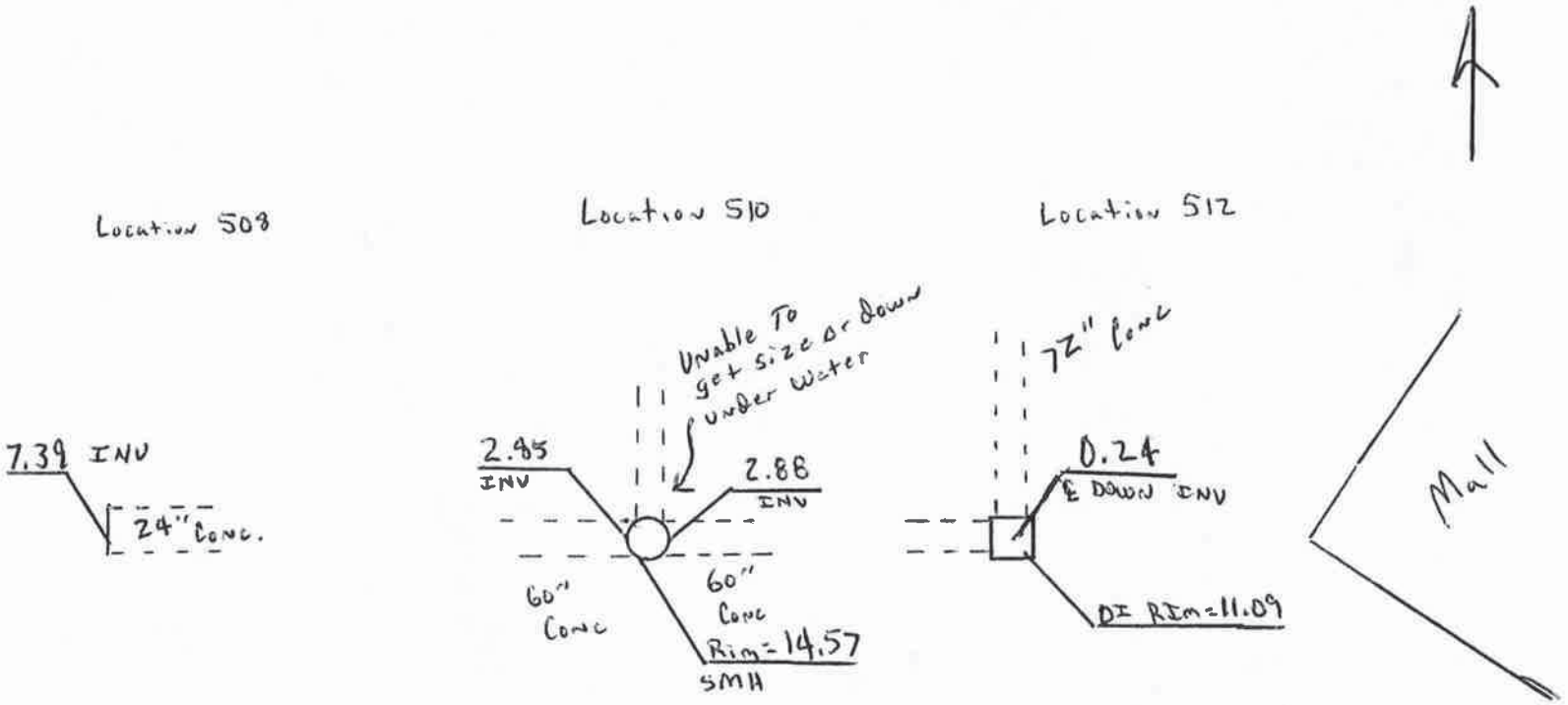

Aerial Imagery @ 2009 Commonwealth of Virginia

**See GIS for Complete Details**

**Survey Location 508 - 512**

See Back For Drawing

N




Note: Not sure that Pipes Directly Connect.

0 45 90 180 270 360 Feet

Aerial Imagery @ 2009 Commonwealth of Virginia

**See GIS for Complete Details**

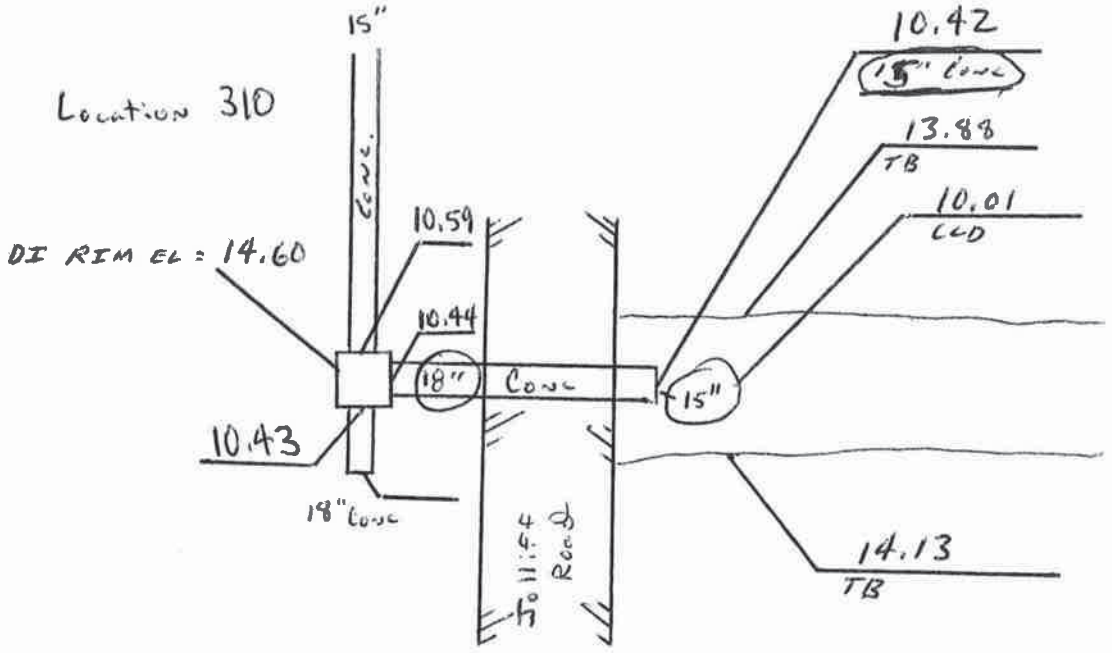
**Survey Locations 310 - 318**

N

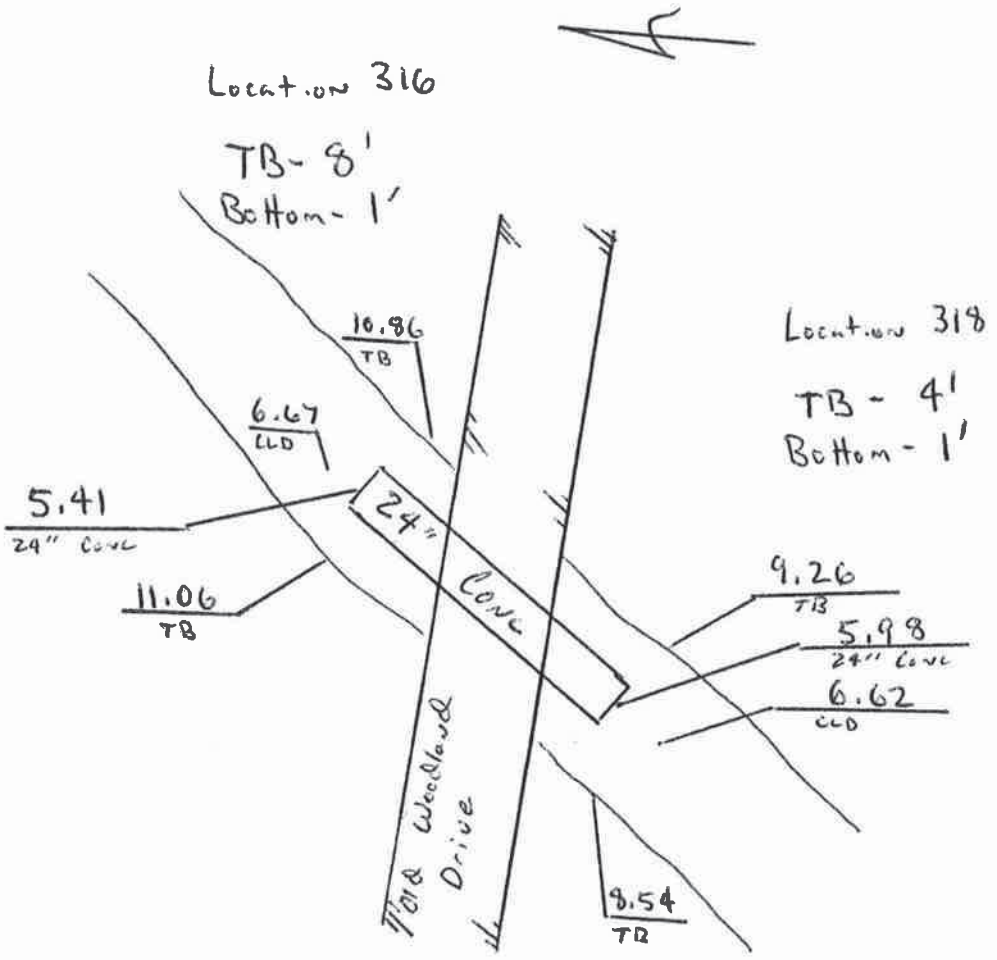
11/1/11 BC/BW/ZK

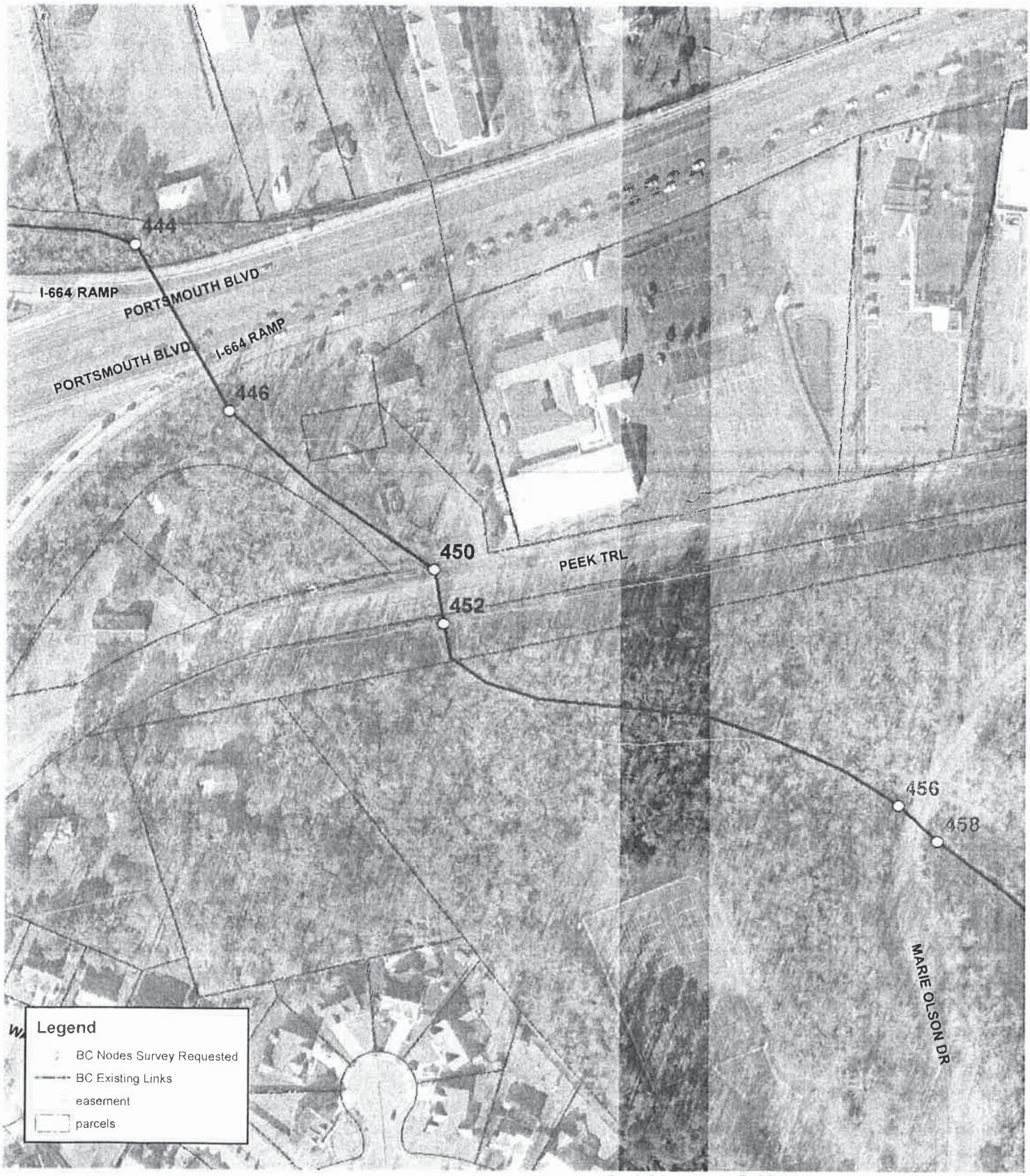
Location 312

TB - 14'
3' Ditch Bottom



11/1/11 BC/BW/ZK






0 40 80 160 240 320 Feet

Aerial Imagery @ 2009 Commonwealth of Virginia

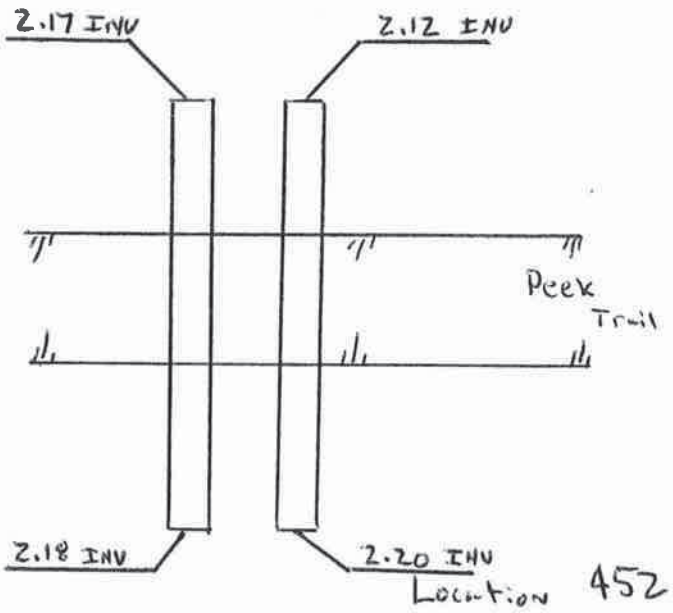
See GIS for Complete Details

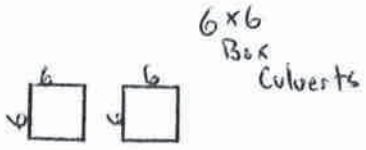
**Survey Locations 444 - 458**

N

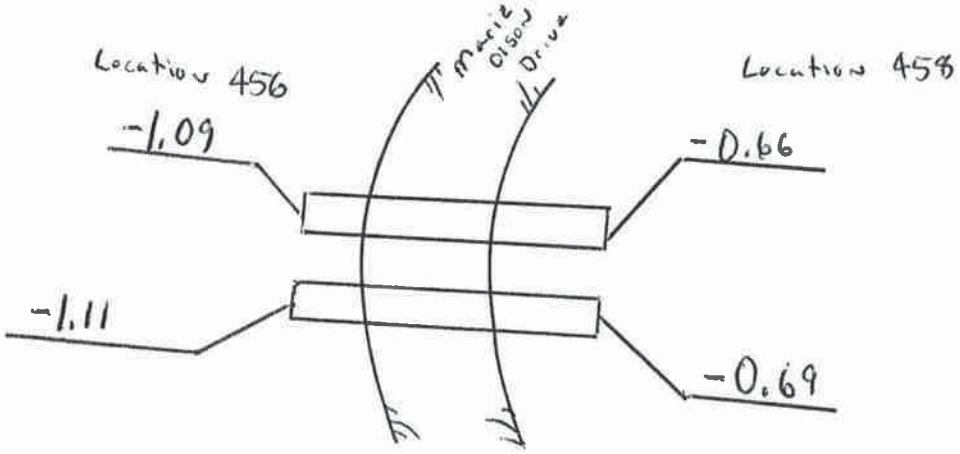
11/2/11 BC/BW/ZK/MB

Location 450



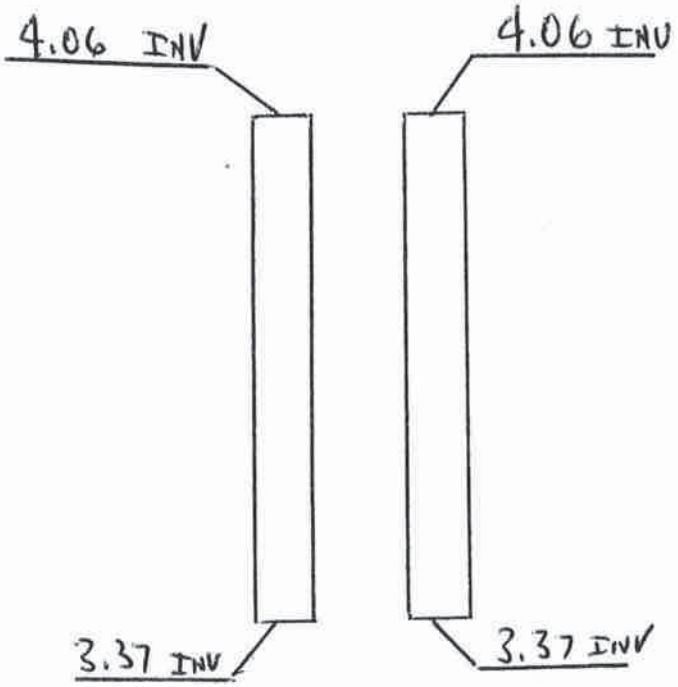



11/2/11 BC/BW/ZK/MB

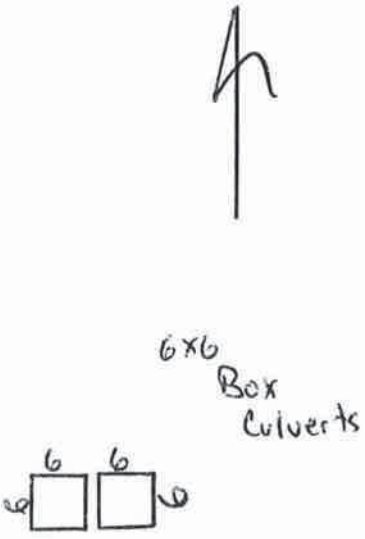


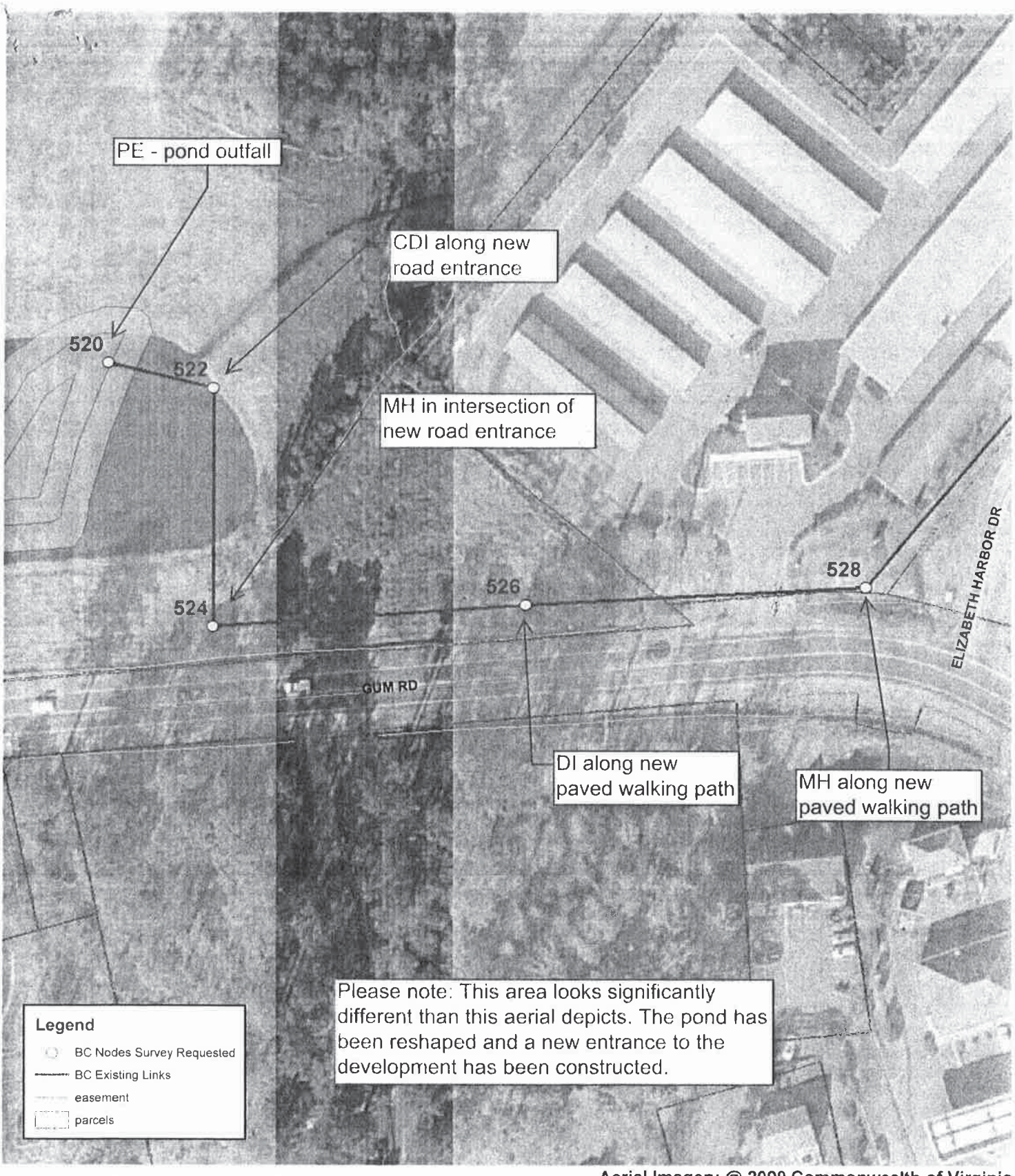
11/2/11 BC/BW/ZK/MB

Location 444




Location 446

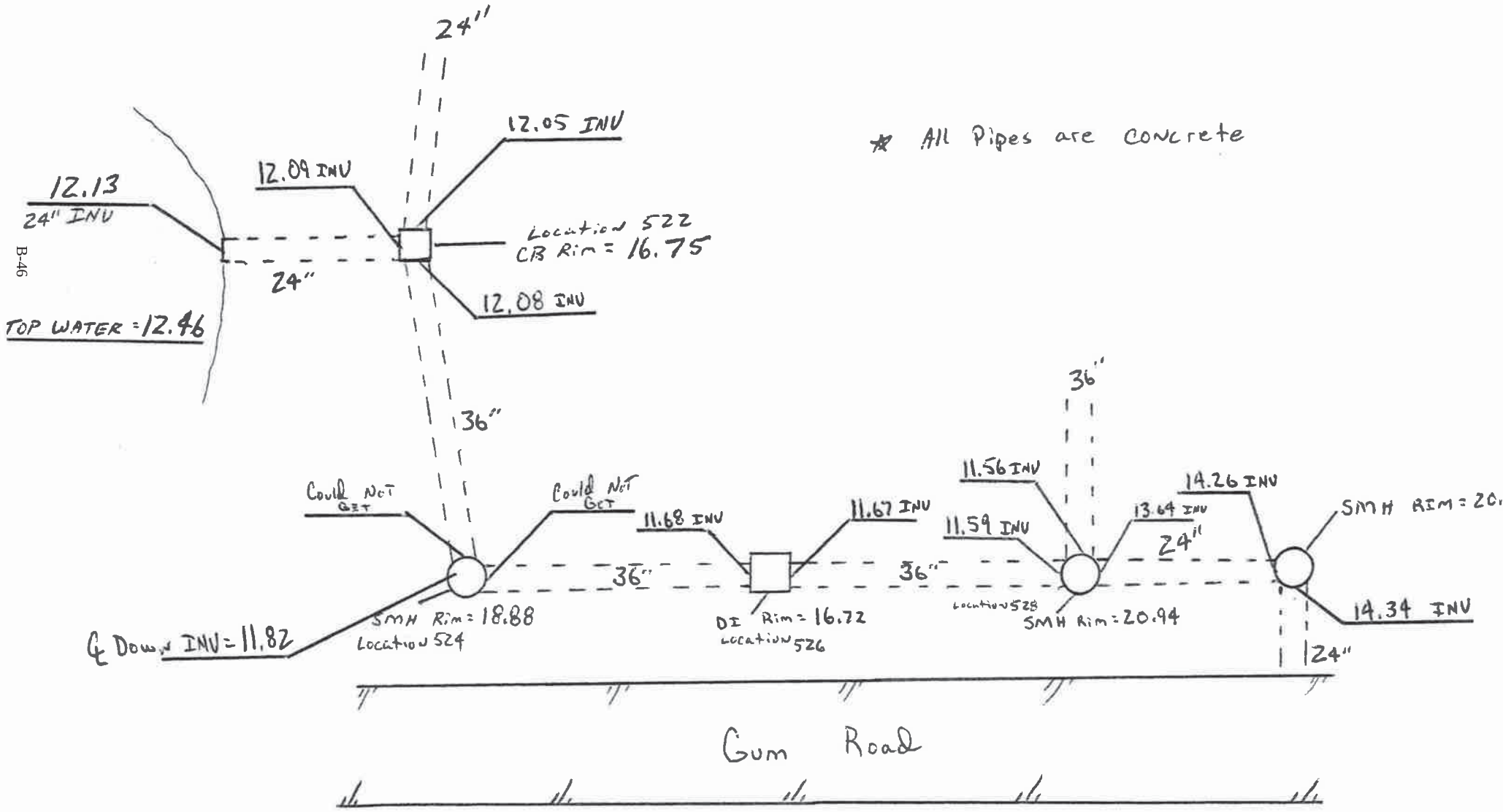




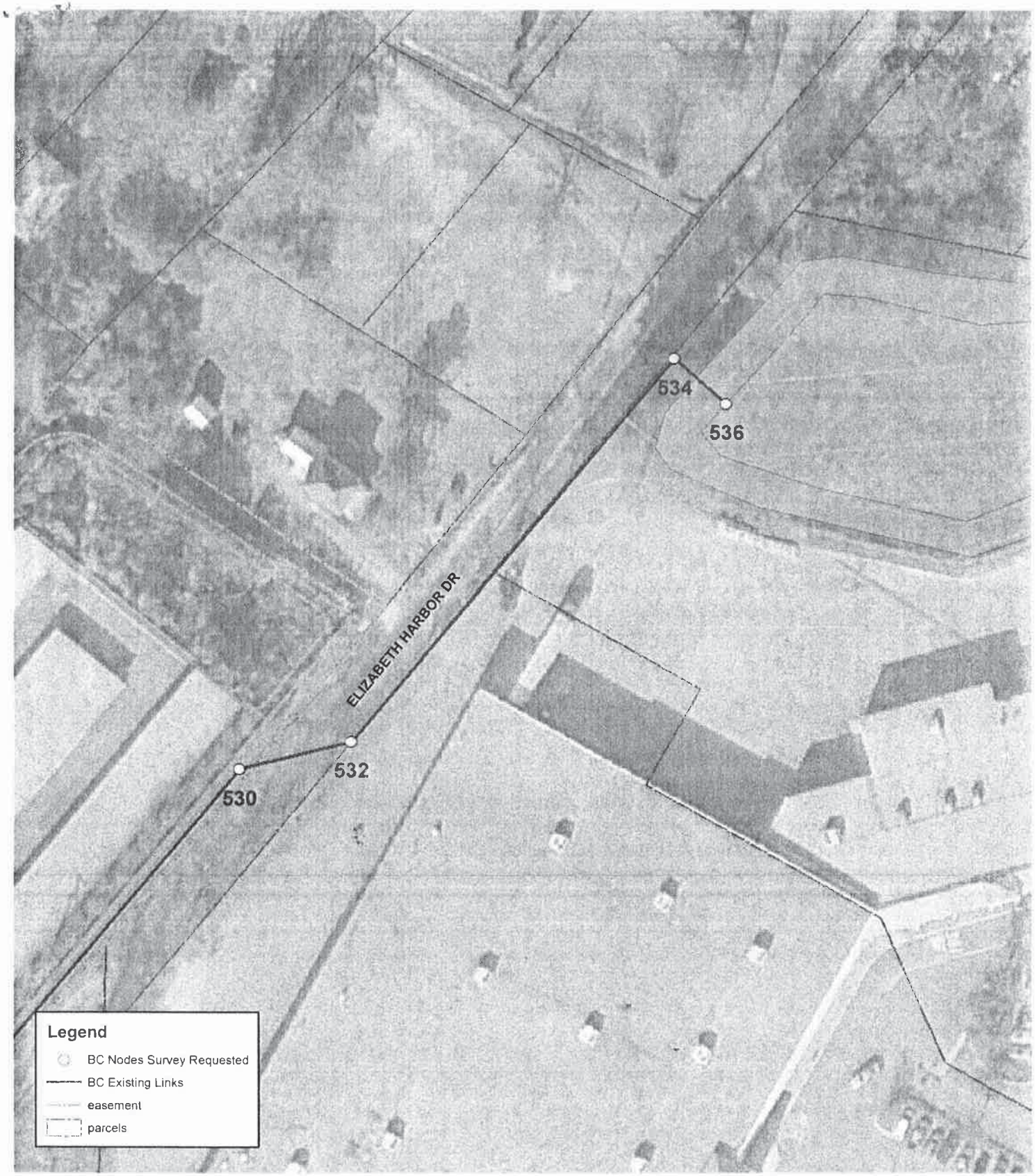

**See GIS for Complete Details**

**Survey Location 520 - 528**

11/2/11 BC/BW/ZK




* All Pipes are concrete




Aerial Imagery @ 2009 Commonwealth of Virginia

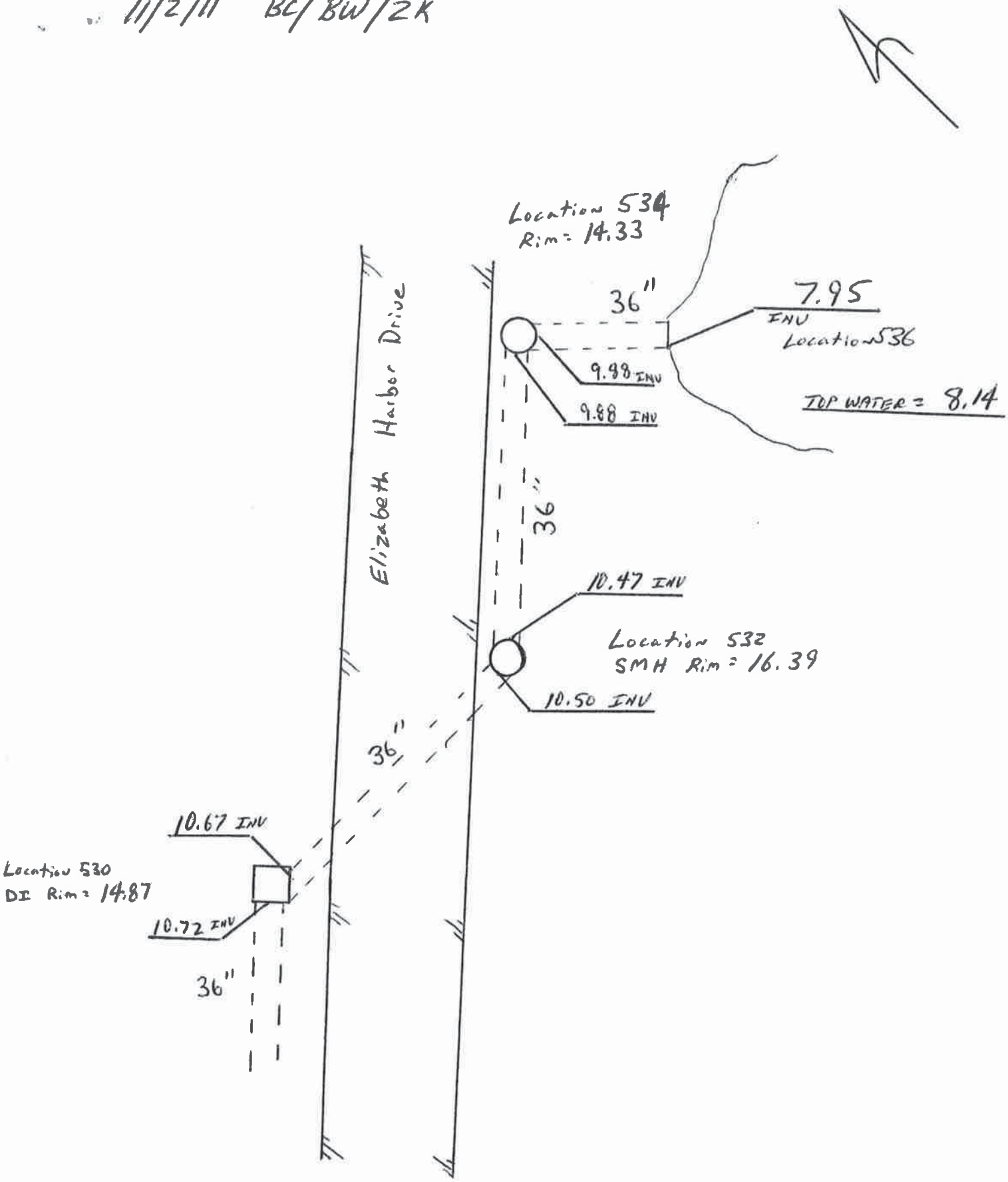
0 15 30 60 90 120 Feet

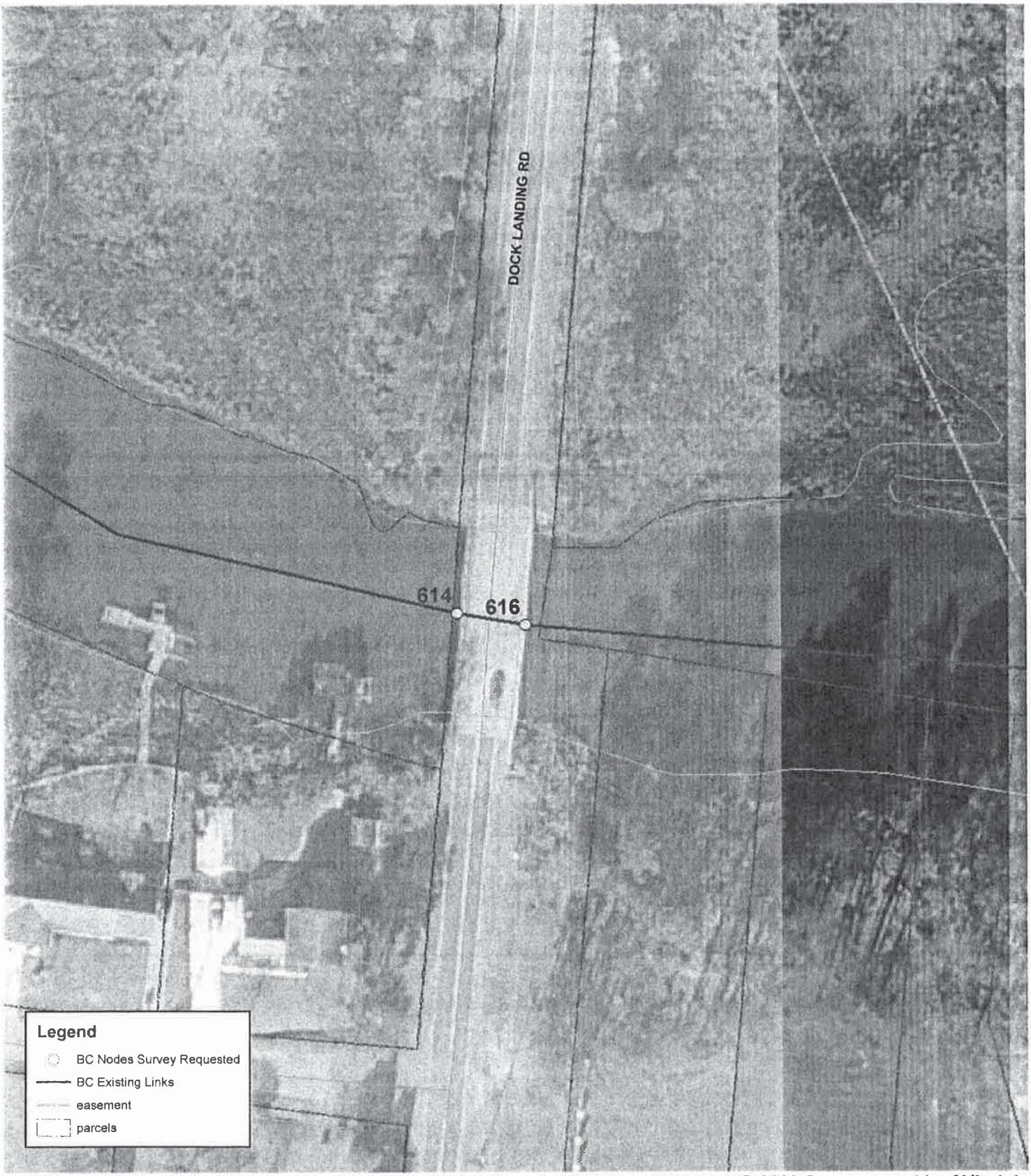
See GIS for Complete Details

N

**Survey Location 530 - 536**

11/2/11 BC/BW/ZK






**See GIS for Complete Details**

**Survey Locations 614 - 616**

See Back For Drawing

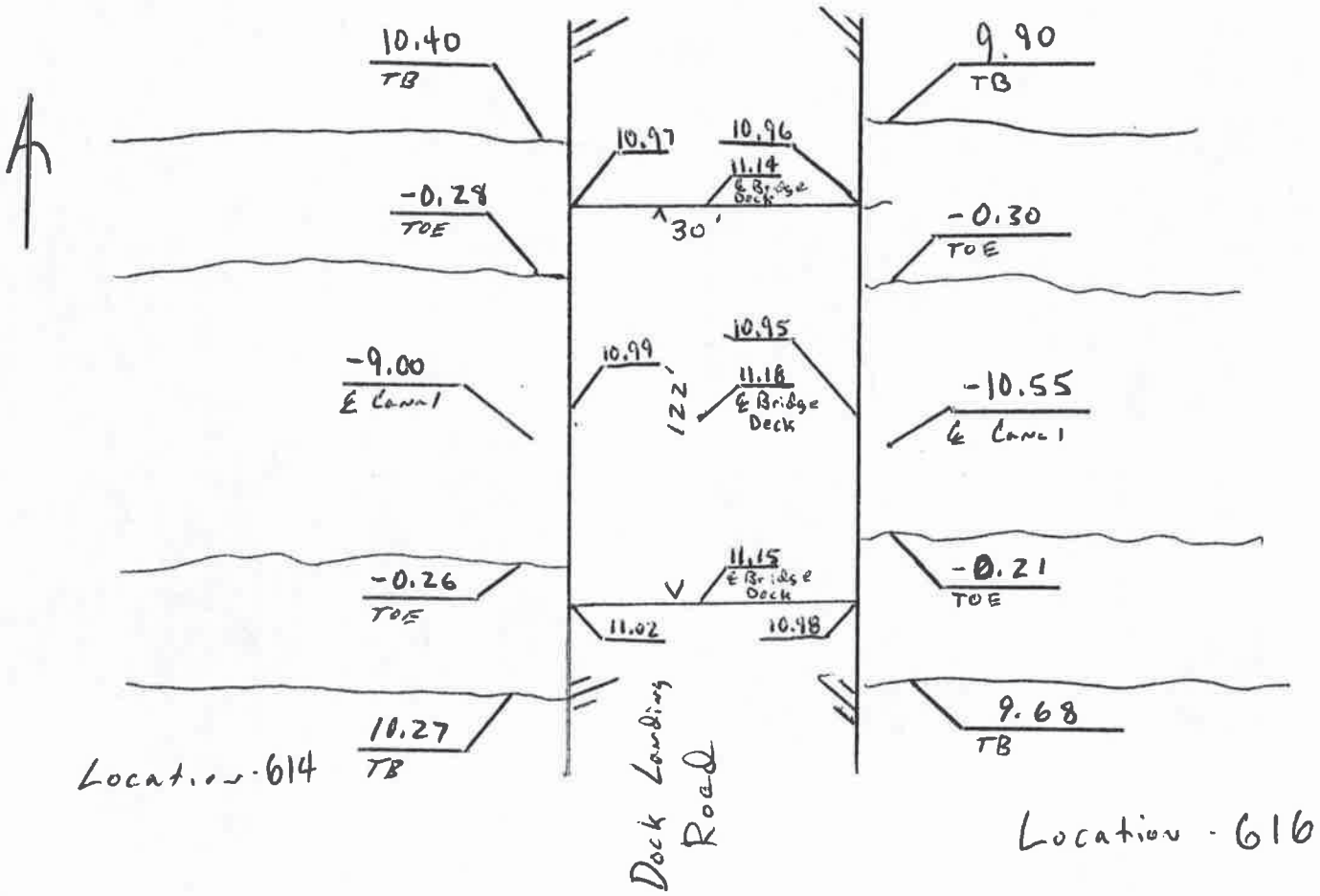
10/31/11 BC/BW/ZK

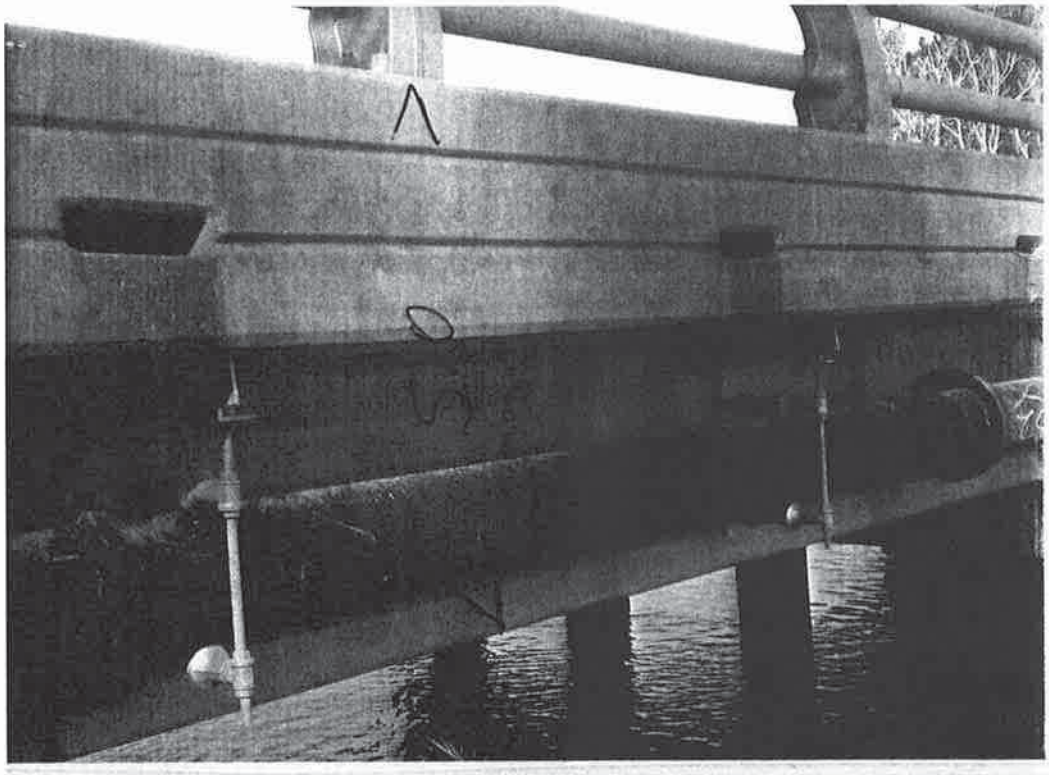
BRIDGE DECK 30' X 122'

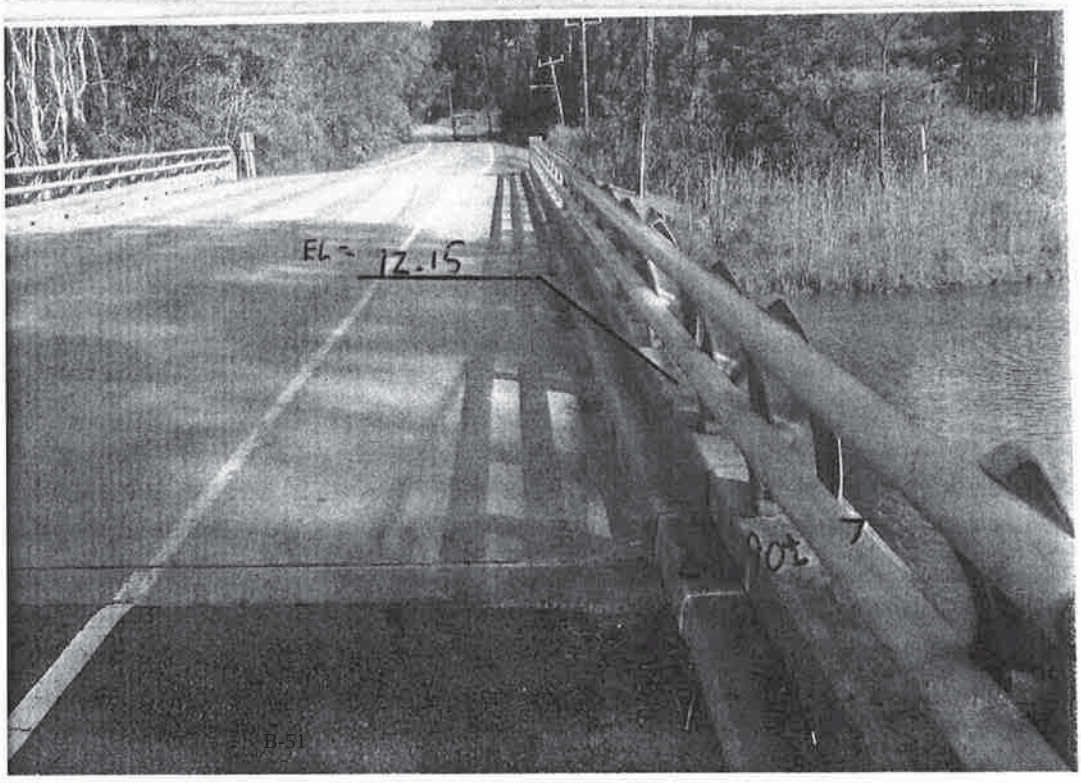
TB - 140' Wide

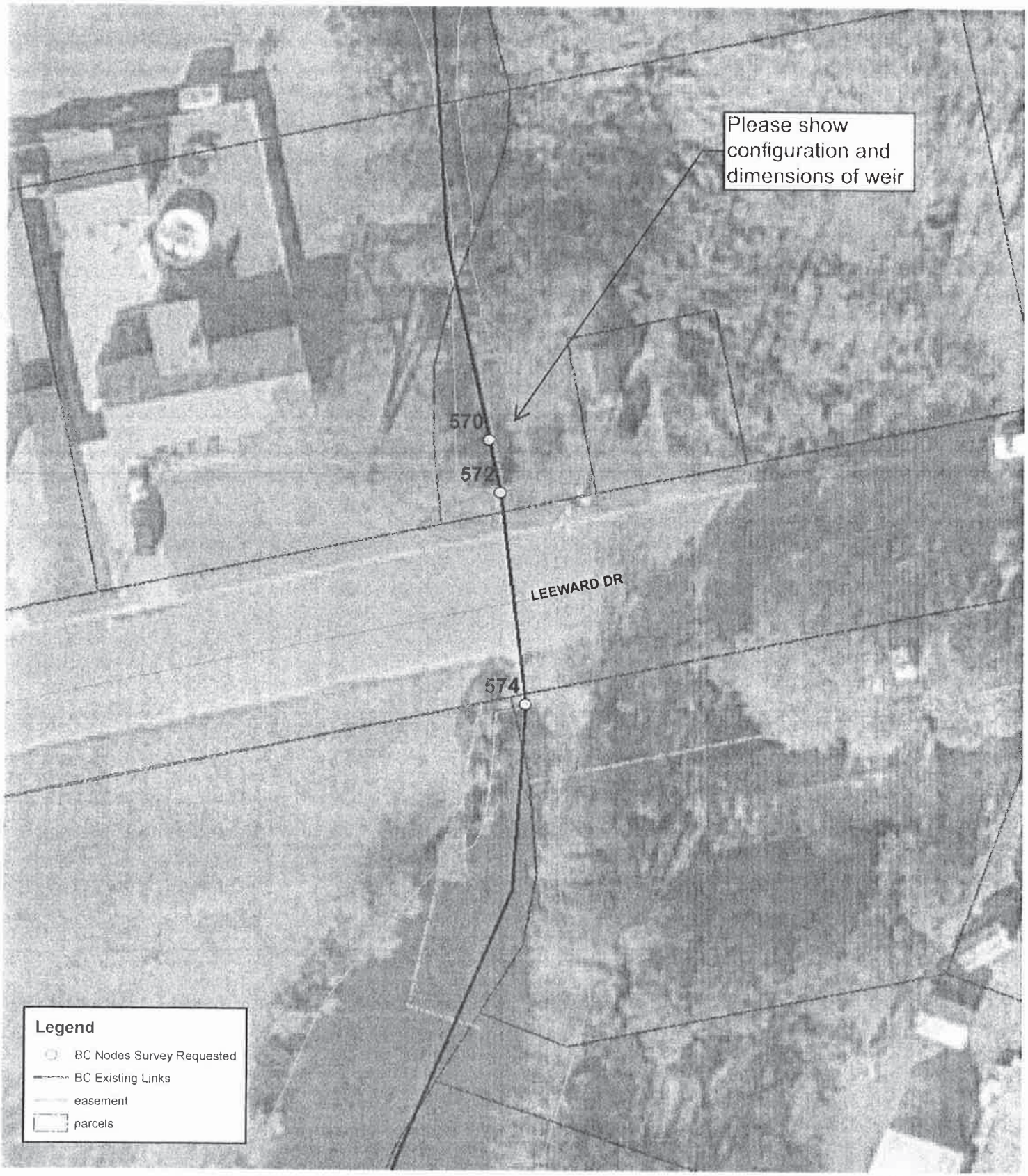
TOE - 80' Wide

TOP WATER ELEV = 0.14






EL- 12.15




**See GIS for Complete Details**

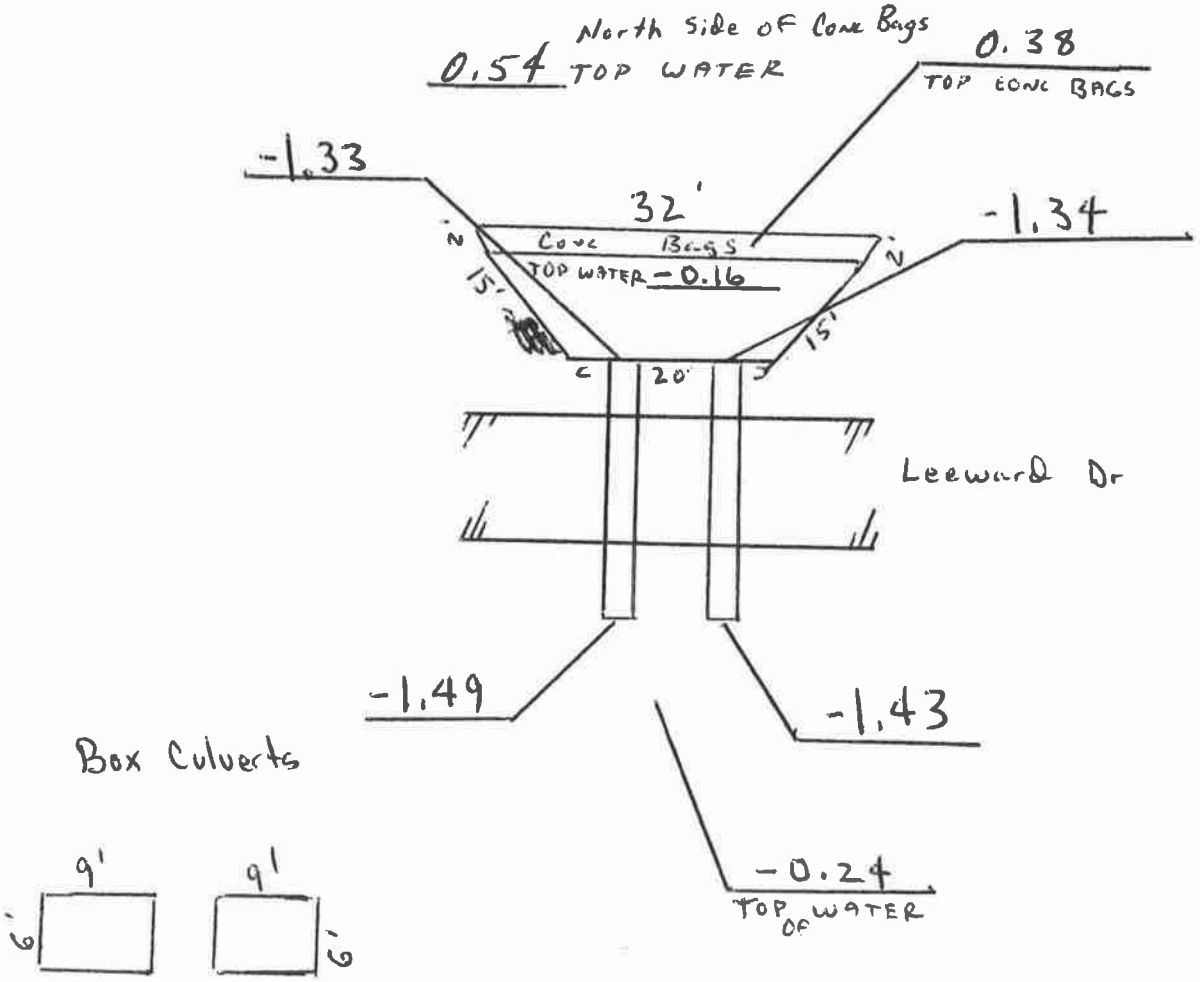
**Survey Locations 570 - 574**

11/1/11

BC/BW/ZK

4

Locations 570, 572 & 574



(This is the Weir)
Cove Bays