COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
101	Meters	3683682.653	1091563.836
	U S Survey ft.	12085548.837	3581239.019
	Int'l ft.	12085573.009	3581246.181

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 9.98'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	GRAFTON

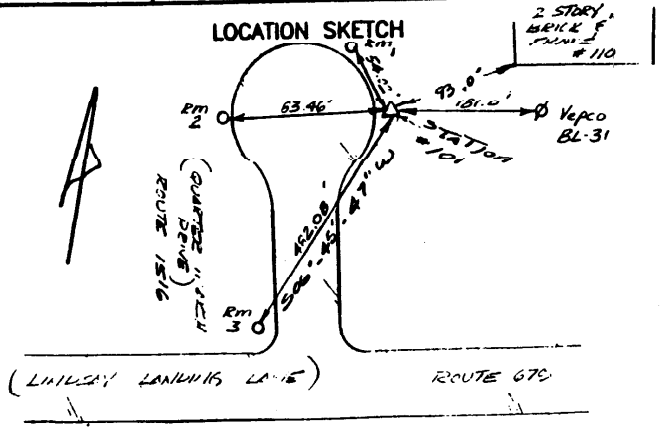
STATION NUMBER: **101**

FIELD BOOKS: PS 320/10

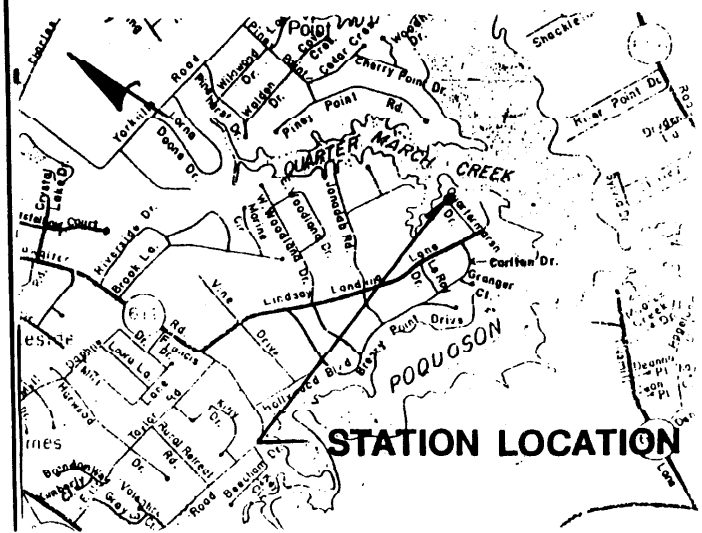
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N24°05'56"W	54.02'	———
RM2	N84°05'40"W	83.46'	———
RM3	S06°45'47"W	482.08'	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 101: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 101". The disk is located on the east side of the cul-de-sac at the end of Route 1516 (Quartermarsh Drive), 181.0' northeast of utility pole #BL-31, 93.0' west of the southwest corner of the residence at 110 Quartermarsh Drive (two-story brick and frame).

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 15.0' southwest of the corner of the concrete driveway at 110 Quartermarsh Drive (two-story brick and frame residence), 18.0' southeast of the center line of Route 1516 (Quartermarsh Drive).

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 44.0' west of the center line of Route 1516 (Quartermarsh Drive), opposite STATION 101.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 18.0' north of the center line of Route 679 (Lindsay Landing Lane), 26.0' west of the center line of Route 1516 (Quartermarsh Drive).

STA 101	WITNESS POST PLACED OF THE STATION	4.0' East
RM1	WITNESS POST PLACED OF THE MARK	3.0' East
RM2	WITNESS POST PLACED OF THE MARK	7.5' West
RM3	WITNESS POST PLACED OF THE MARK	3.5' Northeast

Station Name: 101

Latitude (dms)	37 8 25.07058
Longitude (dms)	76 25 56.47427
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3683682.653
Northing(Y) in meters	1091563.836
Easting (X) in US Survey ft	12085548.837
Northing(Y) in US Survey ft	3581239.019
Easting (X) in international ft	12085573.009
Northing(Y) in international ft	3581246.181
Scale	.99995322
Convergence (dms)	1 15 17.661

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
102	Meters	3681319.238	1092321.225
	U S Survey ft.	12077794.865	3583723.887
	Int'l ft.	12077819.021	3583731.054

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 49.81'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	GRAFTON

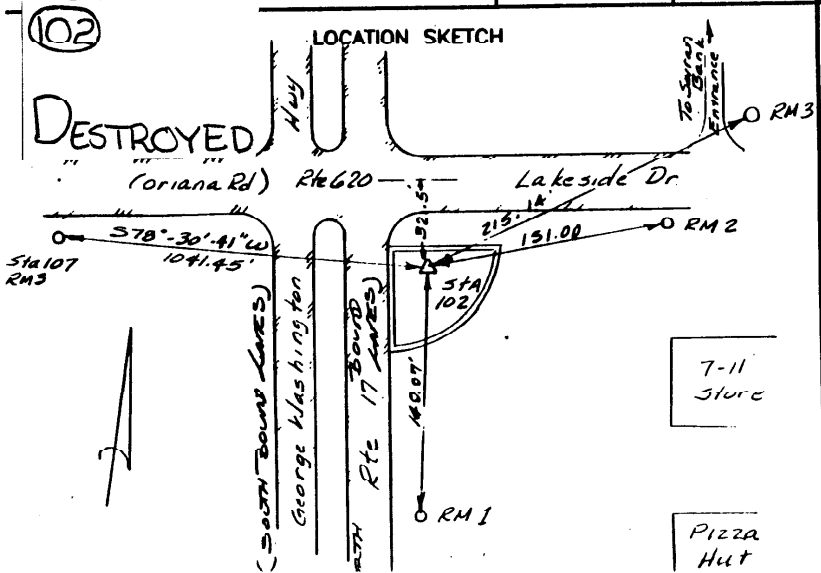
STATION NUMBER: **102**

FIELD BOOKS
PS 318/67
PS 324/62

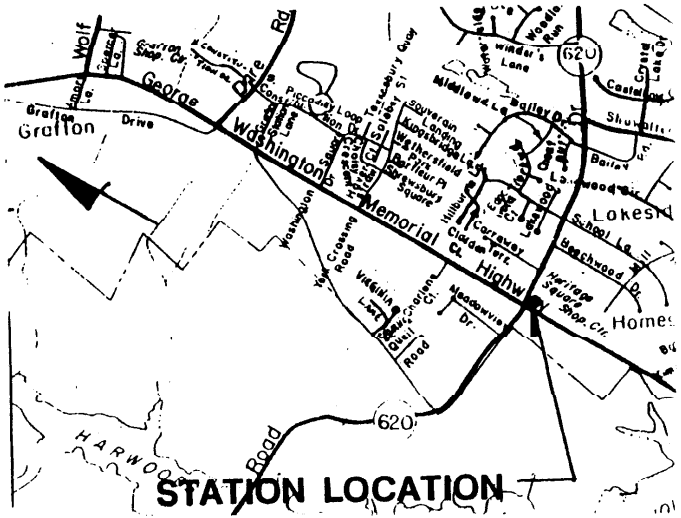
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S13°28'41"E	140.07'	— — —
RM2	N68°18'14"E	151.00'	— — —
RM3	N52°56'55"E	215.14'	— — —
STA 107 - RM3	S78°30'41"W	1,041.45	— — —

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 102: A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 102". The disk is located in the grass median of the Seven-Eleven store parking lot at the southeast corner of the intersection of Routes 17 (George Washington Highway) and 620 (Lakeside Drive), 1.0' northwest of the one-way traffic control sign.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 19.0' east of the edge of the concrete pavement of the northbound lanes of Route 17 (George Washington Highway), 49.0' southwest of the northwest corner of the Pizza Hut building.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 24.5' south of the center line of Route 620 (Lakeside Drive), 9.5' southwest of utility pole #YB-12.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 25.5' north of the natural edge of the pavement of Route 620 (Lakeside Drive), 30.0' east of the center line of the entrance road to the Sovran Bank.

STA 102	WITNESS POST PLACED OF THE STATION	16.0' Northeast
RM1	WITNESS POST PLACED OF THE MARK	4.0' Southwest
RM2	WITNESS POST PLACED OF THE MARK	8.0' East
RM3	WITNESS POST PLACED OF THE MARK	5.5' North

Station Name: 102

Latitude (dms)	37 8 51.30260
Longitude (dms)	76 27 31.55535
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3681319.238
Northing(Y) in meters	1092321.225
Easting (X) in US Survey ft	12077794.865
Northing(Y) in US Survey ft	3583723.887
Easting (X) in international ft	12077819.021
Northing(Y) in international ft	3583731.054
Scale	.99995273
Convergence (dms)	1 14 19.954

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
103	Meters	3678738.626	1094356.385
	U S Survey ft.	12069328.310	3590400.907
	Int'l ft.	12069352.448	3590408.088

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 48.58'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	GRAFTON

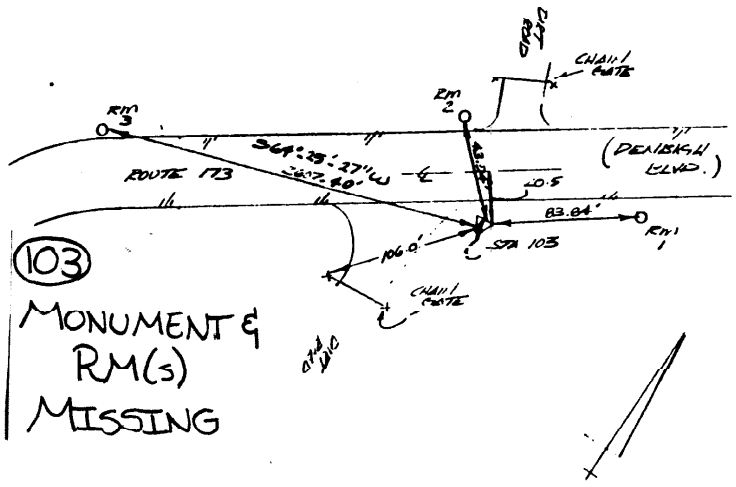
STATION NUMBER: **103**

FIELD BOOKS: PS 320/52

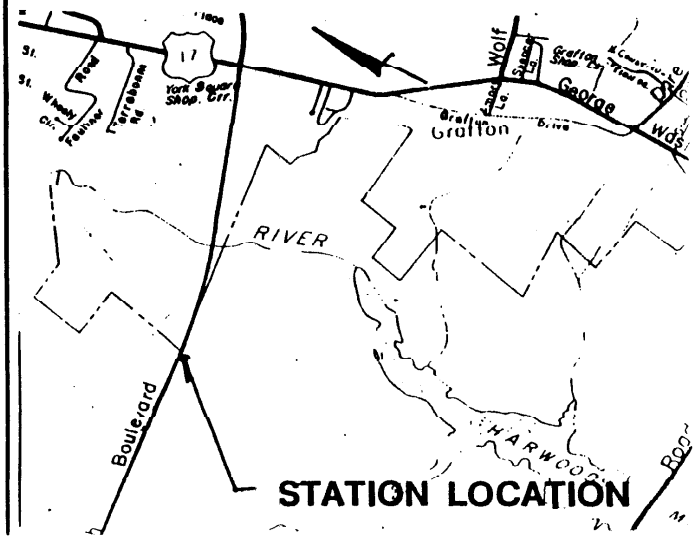
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N68°05'10"E	83.84'	— — —
RM2	N26°03'51"W	43.94'	— — —
RM3	S64°25'27"W	2,607.40'	— — —

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 103: A 3-1/4" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 103". The disk is located 8.5' south of the edge of the pavement of Route 173 (Denbigh Boulevard), 106.0' north of the western Newport News Waterworks Gate 7A post.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 14.0' southeast of the edge of the pavement of Route 173 (Denbigh Boulevard), east of STATION 103.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 10.5' northwest of the edge of the pavement of Route 173 (Denbigh Boulevard), on the center line (projected) of the dirt road on the south side of Route 173 leading to Newport News Waterworks Gate 7A.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located on Route 173 (Denbigh Boulevard), 10.0' east of the end of the steel guard rail, 18.0' north of the center line of Route 173.

STA 103	WITNESS POST PLACED OF THE STATION	3.5' South
RM1	WITNESS POST PLACED OF THE MARK	3.0' South
RM2	WITNESS POST PLACED OF THE MARK	3.5' North
RM3	WITNESS POST PLACED OF THE MARK	3.0' North

Station Name: 103

Latitude (dms)	37 9 59.10458
Longitude (dms)	76 29 14.35137
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3678738.626
Northing(Y) in meters	1094356.385
Easting (X) in US Survey ft	12069328.310
Northing(Y) in US Survey ft	3590400.907
Easting (X) in international ft	12069352.448
Northing(Y) in international ft	3590408.088
Scale	.99995153
Convergence (dms)	1 13 17.564

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)			
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
104	Meters	3677288.510	1093254.795
	U S Survey ft.	12064570.720	3586786.773
	Int'l ft.	12064594.849	3586793.946

REFERENCE AND AZIMUTH MARK LOCATIONS			
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N40°13'19"E	144.85'	— — —
RM2	S54°05'18"E	68.93'	— — —
RM3	S31°59'48"W	2,543.76'	— — —

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 56.64'

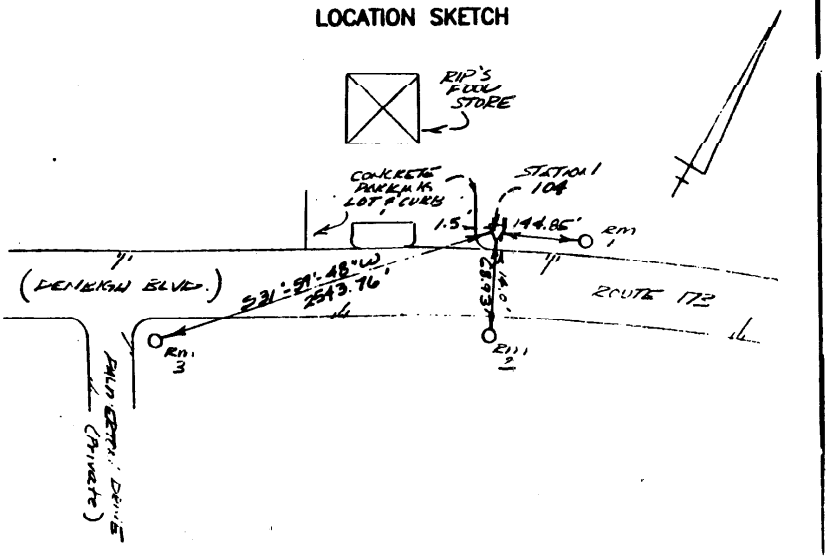
FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	GRAFTON

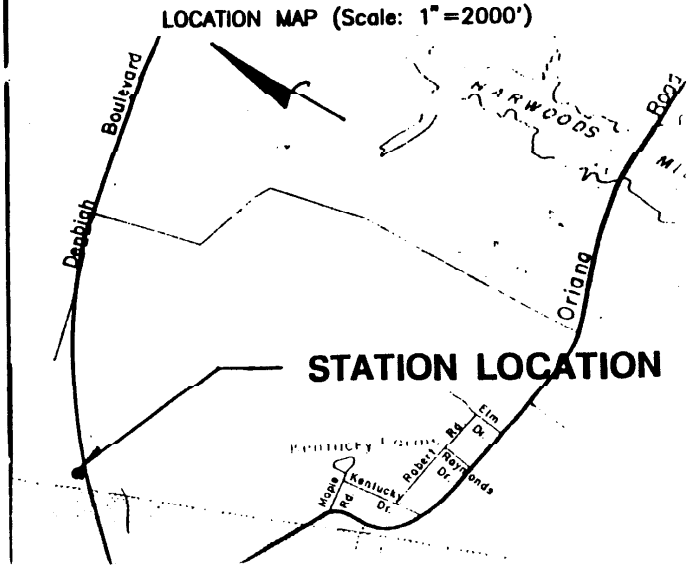
STATION NUMBER: **104**

FIELD BOOKS
PS 324/37
PS 320/54

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 104: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 104". The disk is located on Route 173 (Denbigh Boulevard), immediately north of the north entrance to "Rip's Food Store", 14.0' northwest of the edge of the pavement of Route 173, 1.5' northeast of the edge of the curb on the store entrance road.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 9.0' northwest of the edge of the pavement of Route 173 (Denbigh Boulevard), 58.0' southwest of utility pole #WI-02.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 19.5' southeast of the edge of the pavement of Route 173 (Denbigh Boulevard), opposite STATION 104.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 9.0' south of the edge of the pavement of Route 173 (Denbigh Boulevard), 29.5' east of the center line of Palmerton Drive (private road).

STA 104 WITNESS POST PLACED 4.0' Northwest OF THE STATION

RM1 WITNESS POST PLACED 3.5' South OF THE MARK

RM2 WITNESS POST PLACED 3.0' South OF THE MARK

RM3 WITNESS POST PLACED 15.0' East OF THE MARK

Station Name: 104

Latitude (dms)	37 9 24.37615
Longitude (dms)	76 30 14.06220
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3677288.510
Northing(Y) in meters	1093254.795
Easting (X) in US Survey ft	12064570.720
Northing(Y) in US Survey ft	3586786.773
Easting (X) in international ft	12064594.849
Northing(Y) in international ft	3586793.946
Scale	.99995213
Convergence (dms)	1 12 41.324

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA
APRIL 1990 SUPPLEMENT

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)			
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
105	Meters	3678434.692	1091953.637
	U.S. Survey Ft.	12068331.151	3582517.890
	Int'l Ft.	12068355.287	3582525.055

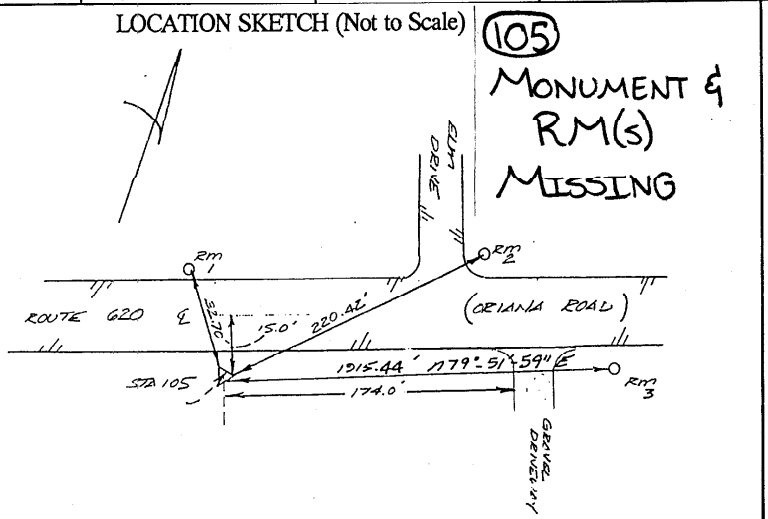
VERTICAL DATA
Elevations refer to National Geodetic Vertical Datum (1929)
Elevation of Station = 48.42'
FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

REFERENCE AND AZIMUTH MARK LOCATIONS			
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N45°14'03"W	32.70'	---
RM2	N73°15'16"E	220.42'	---
RM3	N79°51'59"E	1915.44'	---

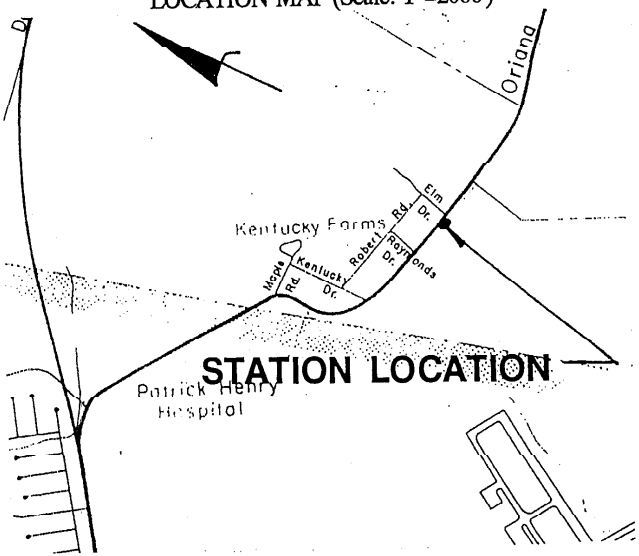
COUNTY/CITY	DISTRICT
YORK COUNTY	GRAFTON

STATION NUMBER	FIELD BOOKS
105	PS 320/43 PS 323/34

LOCATION SKETCH (Not to Scale)



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 105: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 105". The disk is located 5.0' south of the edge of the pavement of Route 620 (Oriana Road), 50.0' east of utility pole #55.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 2.0' north of the edge of the pavement of Route 620 (Oriana Road), opposite STATION 105.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 8.5' north of the edge of the pavement of Route 620 (Oriana Road), 39.0' east of the center line of Elm Drive (private road).

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 13.5' south of the edge of the pavement of Route 620 (Oriana Road), 91.5' west of utility pole #509.

STA 105	WITNESS POST PLACED OF THE STATION	4.0' West
RM1	WITNESS POST PLACED OF THE MARK	3.5' Northwest
RM2	WITNESS POST PLACED OF THE MARK	10.0' West
RM3	WITNESS POST PLACED OF THE MARK	23.5' Southeast

Station Name: 105

Latitude (dms)	37 8 41.38789
Longitude (dms)	76 29 28.74062
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3678434.692
Northing(Y) in meters	1091953.637
Easting (X) in US Survey ft	12068331.151
Northing(Y) in US Survey ft	3582517.890
Easting (X) in international ft	12068355.287
Northing(Y) in international ft	3582525.055
Scale	.99995291
Convergence (dms)	1 13 8.831

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
106	Meters	3679622.435	1092427.305
	U S Survey ft.	12072227.938	3584071.916
	Int'l ft.	12072252.083	3584079.084

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 25.20'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	GRAFTON

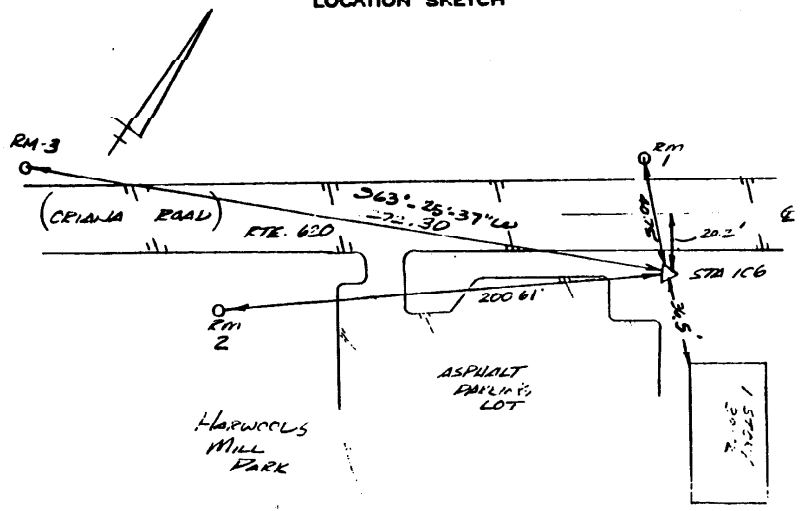
STATION NUMBER: **106**

FIELD BOOKS: PS 320/40

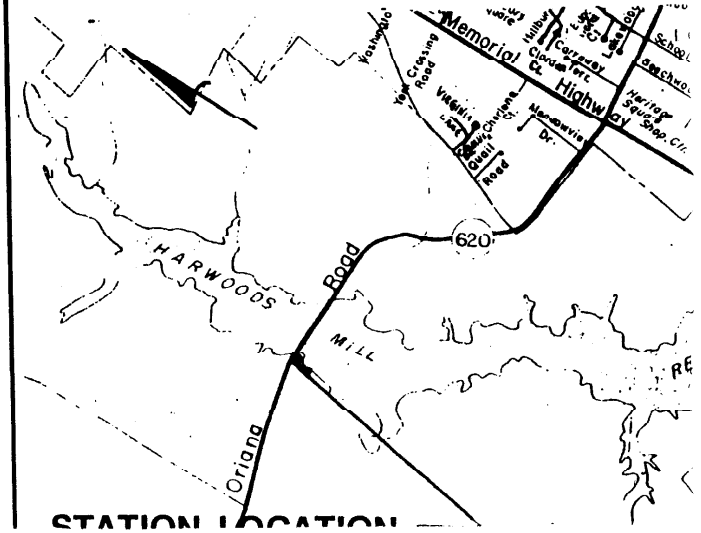
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N54°39'46"W	40.75'	— — —
RM2	S46°55'58"W	200.61'	— — —
RM3	S63°25'37"W	1,272.30'	— — —

LOCATION SKETCH



LOCATION MAP (Scale: 1" =2000')



STATION LOCATION

STATION DESCRIPTION

STATION 106: A 3-1/4" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 106". The disk is located at Harwood's Mill Park , 36.5' west of the western corner of the one-story brick park building, 11.0' southeast of the edge of the pavement of Route 620 (Oriana Road).

REFERENCE MARK NO. 1: A 2" disk in concrete. approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 6.5' northwest of the edge of the pavement of Route 620 (Oriana Road), 36.0' southwest of utility pole #MC-42.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 1.5' west of the northwest corner of the brick pump house building, 30.5' northeast of utility pole #OC-23.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 28.0' northwest of the edge of the pavement of Route 620 (Oriana Road), 18.0' west of utility pole #KB-93.

STA 106	WITNESS POST PLACED OF THE STATION	14.5' Southwest
RM1	WITNESS POST PLACED OF THE MARK	2.5' South
RM2	WITNESS POST PLACED OF THE MARK	3.5' South
RM3	WITNESS POST PLACED OF THE MARK	3.5' Northwest

Station Name: 106

Latitude (dms)	37 8 55.92752
Longitude (dms)	76 28 40.20959
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3679622.435
Northing(Y) in meters	1092427.305
Easting (X) in US Survey ft	12072227.938
Northing(Y) in US Survey ft	3584071.916
Easting (X) in international ft	12072252.083
Northing(Y) in international ft	3584079.084
Scale	.99995264
Convergence (dms)	1 13 38.286

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
107	Meters	3680705.189	1092201.028
	U S Survey ft.	12075780.273	3583329.538
	Int'l ft.	12075804.424	3583336.705

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929

Elevation Of Station= 42.82'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	GRAFTON

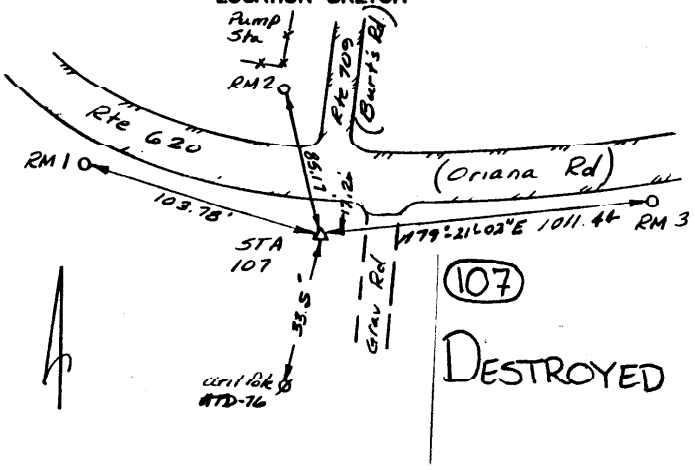
STATION NUMBER: **107**

FIELD BOOKS
PS 318/68
PS 320/34
PS 324/60.

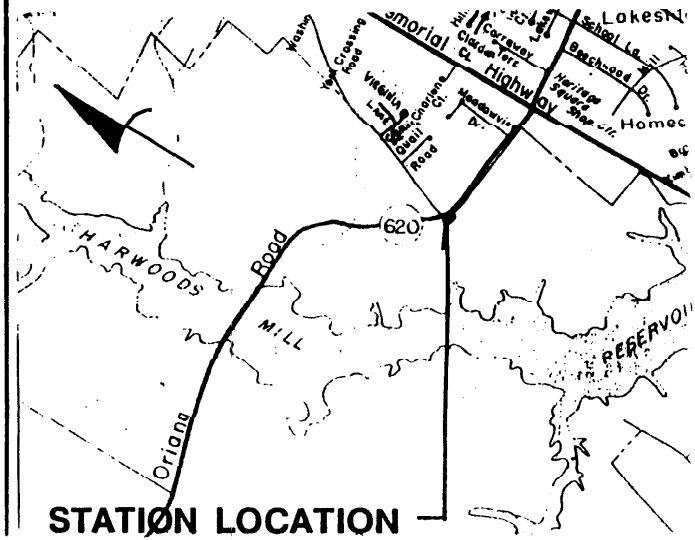
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N66°25'44"W	103.78'	———
RM2	N21°04'12"W	85.17'	———
RM3	N79°21'02"E	1,011.44'	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION LOCATION

STATION DESCRIPTION

STATION 107: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 107". The disk is located on Route 620 (Oriana Road) at the intersection with Route 709 (Burt's Road), 8.5' south of the edge of the pavement of Route 620, 33.5' north of utility pole #TD-76.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 6.5' south of the edge of the pavement of Route 620 (Oriana Road), 17.0' northeast of utility pole #TA-46.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 1.5' south of the southeast corner of the chain link fence surrounding the York County pump station, opposite STATION 107.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 12.5' south of the edge of the pavement of Route 620 (Oriana Road), 40.0' west of utility pole #96.

STA 107	WITNESS POST PLACED OF THE STATION	19.0' Southwest
RM1	WITNESS POST PLACED OF THE MARK	17.0' West
RM2	WITNESS POST PLACED OF THE MARK	17.0' South
RM3	WITNESS POST PLACED OF THE MARK	14.0' South

Station Name: 107

Latitude (dms)	37 8 47.83428
Longitude (dms)	76 27 56.53856
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3680705.189
Northing(Y) in meters	1092201.028
Easting (X) in US Survey ft	12075780.273
Northing(Y) in US Survey ft	3583329.538
Easting (X) in international ft	12075804.424
Northing(Y) in international ft	3583336.705
Scale	.99995279
Convergence (dms)	1 14 4.791

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
108	Meters	3681460.350	1091088.967
	U S Survey ft.	12078257.833	3579681.053
	Int'l ft.	12078281.990	3579688.212

REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S09°16'46"W	742.48'	— — —
RM2	S80°16'17"E	107.13'	— — —
RM3	N15°57'38"E	965.46'	— — —

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929

Elevation Of Station= 8.70'

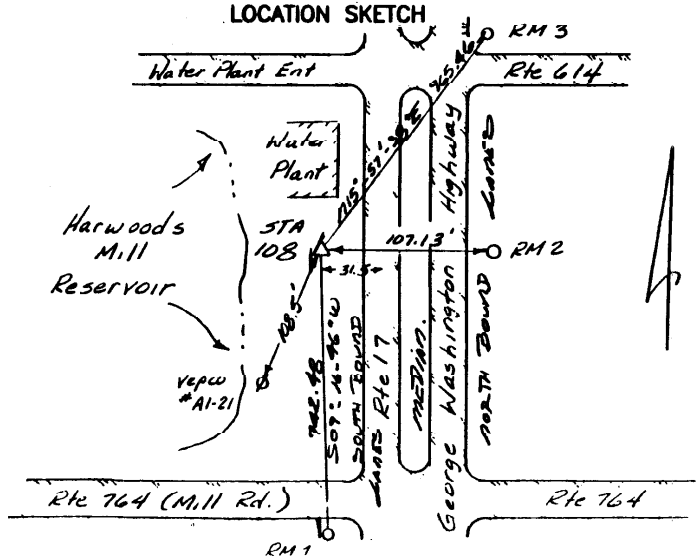
FOR WRITTEN DESCRIPTION &
ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BETHEL

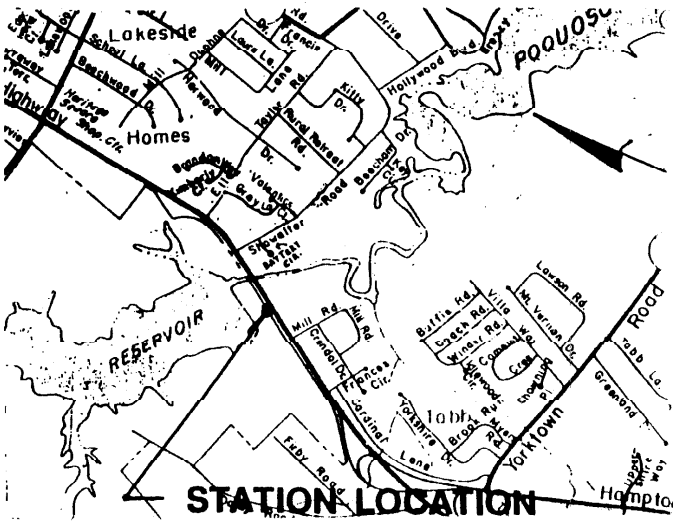
STATION NUMBER: **108**

FIELD BOOKS
PS 318/64

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 108: A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 108". The disk is located 19.0' west of the edge of the pavement of the southbound lanes of Route 17 (George Washington Highway), 108.5' northeast of utility pole #AI-21.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 18.0' west of the edge of the pavement of the southbound lanes of Route 17 (George Washington Highway), 26.5' north of the route direction sign.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 11.0' east of the edge of the pavement of the northbound lanes of Route 17 (George Washington Highway), opposite STATION 108.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 7.5' east of the edge of the pavement of the northbound lanes of Route 17 (George Washington Highway), 19.5' southwest of the lamp post.

STA 108 WITNESS POST PLACED 42.0' South OF THE STATION

RM1 WITNESS POST PLACED 2.5' Northwest OF THE MARK

RM2 WITNESS POST PLACED 11.5' Southeast OF THE MARK

RM3 WITNESS POST PLACED 19.0' Northeast OF THE MARK

Station Name: 108

Latitude (dms)	37 8 11.23885
Longitude (dms)	76 27 26.91851
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3681460.350
Northing(Y) in meters	1091088.967
Easting (X) in US Survey ft	12078257.833
Northing(Y) in US Survey ft	3579681.053
Easting (X) in international ft	12078281.990
Northing(Y) in international ft	3579688.212
Scale	.99995349
Convergence (dms)	1 14 22.768

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)			
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
109	Meters	3681399.871	1089946.129
	U S Survey ft.	12078059.409	3575931.591
	Int'l ft.	12078083.565	3575938.743

VERTICAL DATA
Elevations refer to National Geodetic Vertical Datum (1929)
Elevation Of Station= 30.37'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BETHEL

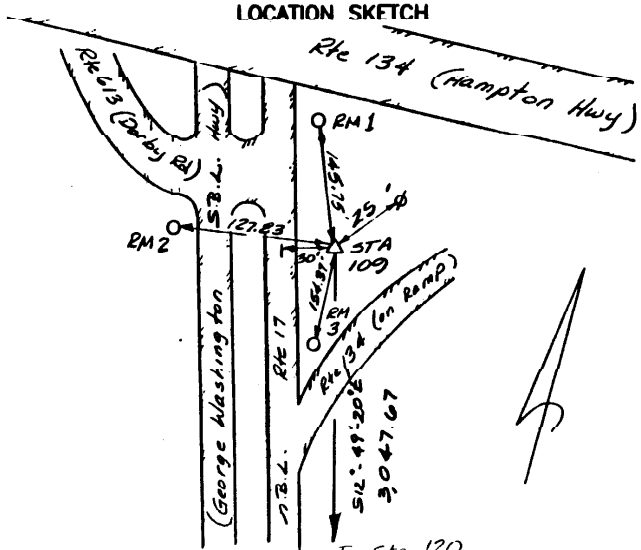
STATION NUMBER: **109**

FIELD BOOKS: PS 318/60

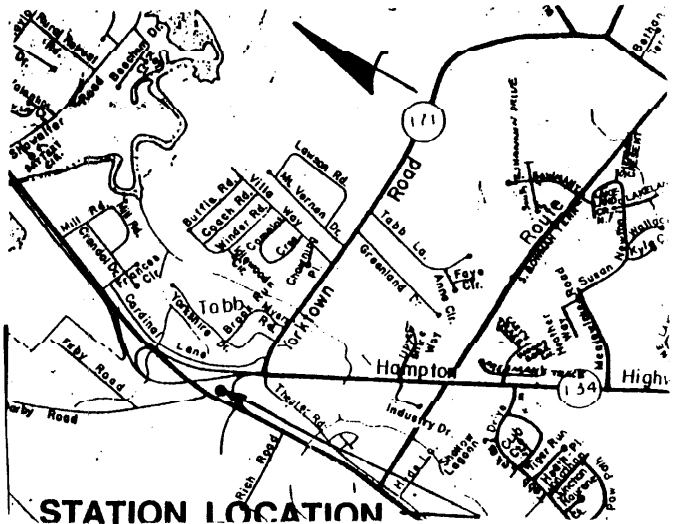
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N14°59'19"W	145.75'	———
RM2	N87°15'23"W	154.37'	———
RM3	S14°47'59"E	127.83'	———
STATION 120	S12°49'20"E	3,047.67	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION LOCATION

STATION DESCRIPTION

STATION 109: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 109". The disk is located 17.5' east of the edge of the pavement of the northbound lanes of Route 17 (George Washington Highway), 25.0' southwest of utility pole #XA-98.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface. stamped "REFERENCE MARK NO. 1". The disk is located 9.0' east of the edge of the pavement of the northbound lanes of Route 17 (George Washington Highway), 1.0' south of the end of the steel guard rail.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 31.5' north of utility pole #XA-77, 40.0' west of the center line of the southbound lanes of Route 17 (George Washington Highway).

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 21.0' east of the edge of the pavement of the northbound lanes of Route 17 (George Washington Highway), 21.0' southeast of the concrete curb.

STA 109	WITNESS POST PLACED OF THE STATION	24.0' Northeast
RM1	WITNESS POST PLACED OF THE MARK	5.5' North
RM2	WITNESS POST PLACED OF THE MARK	30.5' South
RM3	WITNESS POST PLACED OF THE MARK	7.5' East

Station Name: 109

Latitude (dms)	37 7 34.21658
Longitude (dms)	76 27 30.36983
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3681399.871
Northing(Y) in meters	1089946.129
Easting (X) in US Survey ft	12078059.409
Northing(Y) in US Survey ft	3575931.591
Easting (X) in international ft	12078083.565
Northing(Y) in international ft	3575938.743
Scale	.99995422
Convergence (dms)	1 14 20.673

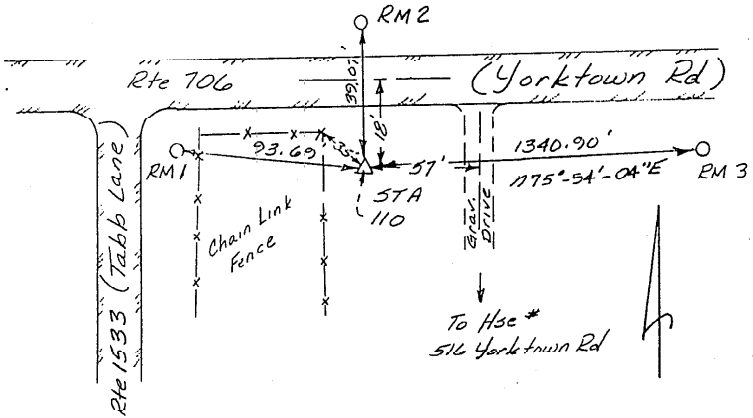
COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA
APRIL 1990 SUPPLEMENT

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)			
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
110	Meters	3682583.225	1090022.260
	U.S. Survey Ft.	12081941.779	3576181.365
	Int'l Ft.	12081965.963	3576188.518

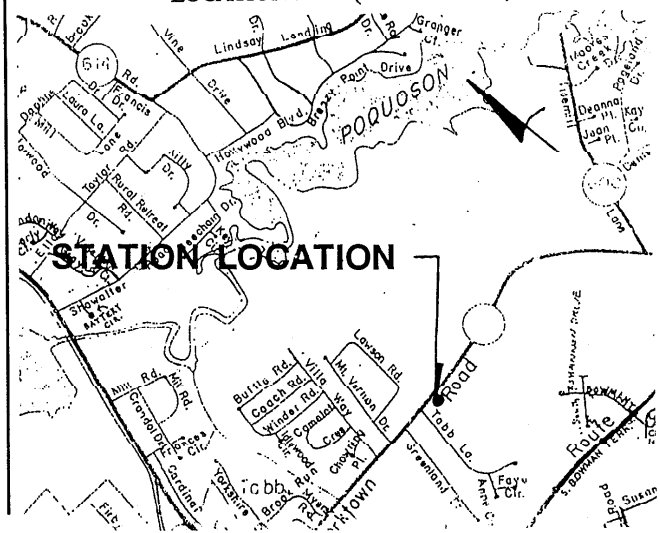
REFERENCE AND AZIMUTH MARK LOCATIONS			
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S79°49'43"W	93.69'	---
RM2	N13°50'37"W	39.07'	---
RM3	N75°54'04"E	1340.90'	---

VERTICAL DATA	
Elevations refer to National Geodetic Vertical Datum (1929)	
Elevation of Station = 35.60'	
FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
COUNTY/CITY YORK COUNTY	DISTRICT BETHEL
STATION NUMBER **110**	FIELD BOOKS PS 318/40

LOCATION SKETCH (Not to Scale)



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 110: A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 110". The disk is located 7.5' south of the edge of the pavement of Route 706 (Yorktown Road), 2.0' east of a 48" chain link fence, 84.5' west of utility pole #IB-72.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 9.0' south of the edge of the pavement of Route 706 (Yorktown Road), 2.5' west of the 42" chain link fence.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 10.0' north of the edge of the pavement of Route 706 (Yorktown Road), 68.5' west of utility pole #15.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 23.0' east of the edge of the pavement of Route 706 (Yorktown Road), 12.5' southwest of utility pole #KB-40.

STA 110	WITNESS POST PLACED OF THE STATION	9.0' South
RM1	WITNESS POST PLACED OF THE MARK	9.0' South
RM2	WITNESS POST PLACED OF THE MARK	6.5' South
RM3	WITNESS POST PLACED OF THE MARK	12.5' Northeast

Station Name: 110

Latitude (dms)	37 7 35.85286
Longitude (dms)	76 26 42.37277
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3682583.225
Northing(Y) in meters	1090022.260
Easting (X) in US Survey ft	12081941.799
Northing(Y) in US Survey ft	3576181.365
Easting (X) in international ft	12081965.963
Northing(Y) in international ft	3576188.518
Scale	.99995419
Convergence (dms)	1 14 49.804