COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
031	Meters	3663956.318	1107023.929
	U S Survey ft.	12020830.021	3631961.009
	Int'l ft.	12020854.063	3631968.272

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 84.57'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

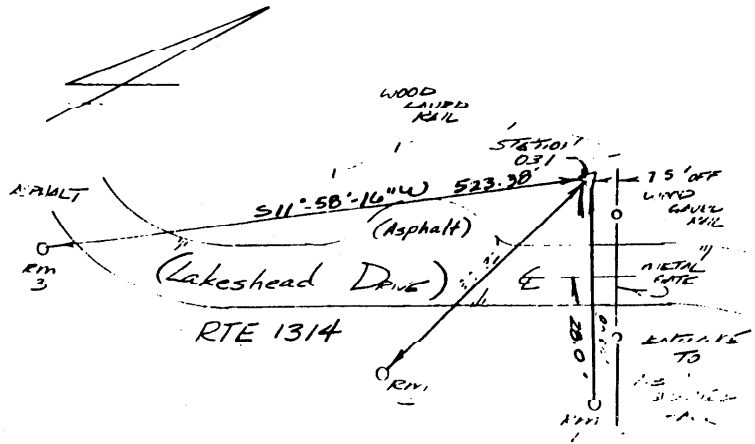
STATION NUMBER: **031**

FIELD BOOKS
PS 321/62
PS 327/28

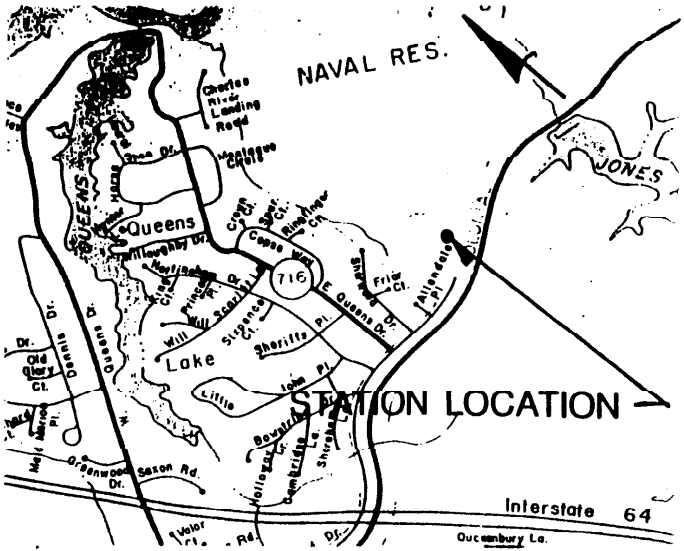
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S86°18'55"E	80.86'	———
RM2	S31°02'39"E	99.32'	———
RM3	S11°58'16"W	523.38'	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 031: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 031". The disk is located at the end of Route 1314 (Lakeshead Drive), at the entrance to New Quarter Park, 28.0' northwest of the center line of the asphalt entrance road to the park, 7.5' south of the inside corner of the wood fence.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 52.0' southeast of the center line of the asphalt entrance road to New Quarter Park, 1.0' southwest of the wood fence.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located adjacent to the "New Quarter Park" sign, 28.0' southeast of the center line of the asphalt entrance road to New Quarter Park, 7.5' north of the northern metal post for the sign.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 26.5' south of the center line of Route 1314 (Lakeshead Drive), 47.0' northeast of the wood post of the "Stop Ahead" sign.

STA 031	WITNESS POST PLACED OF THE STATION	5.0' Northwest
RM1	WITNESS POST PLACED OF THE MARK	3.0' East
RM2	WITNESS POST PLACED OF THE MARK	3.0' East
RM3	WITNESS POST PLACED OF THE MARK	4.0' Southwest

Station Name: 31

Latitude (dms)	37 16 59.75363
Longitude (dms)	76 39 3.37507
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3663956.318
Northing(Y) in meters	1107023.929
Easting (X) in US Survey ft	12020830.021
Northing(Y) in US Survey ft	3631961.009
Easting (X) in international ft	12020854.063
Northing(Y) in international ft	3631968.272
Scale	.99994648
Convergence (dms)	1 7 20.071

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
032	Meters	3661401.445	1105970.440
	U S Survey ft.	12012447.908	3628504.685
	Int'l ft.	12012471.933	3628511.942

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 70.23'

FOR WRITTEN DESCRIPTION &
ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

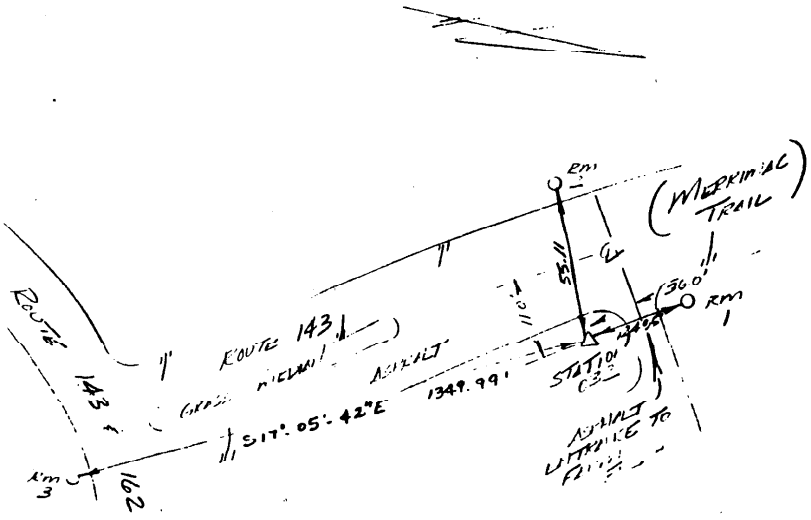
STATION NUMBER: **032**

FIELD BOOKS: PS 321/47

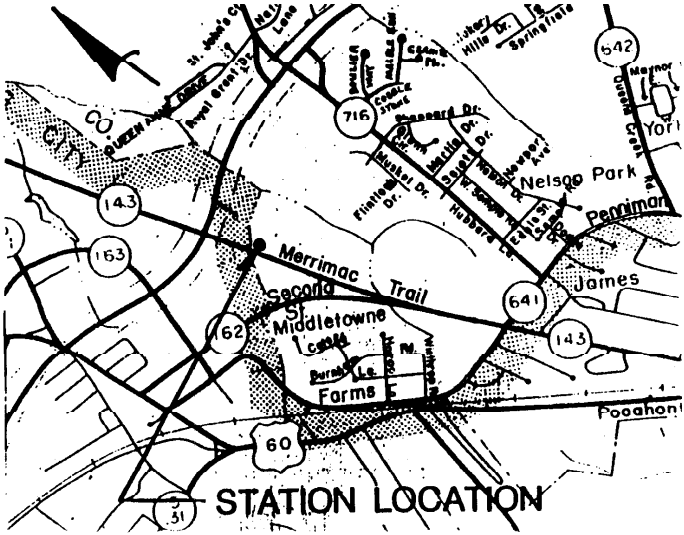
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N22°57'49"W	124.95'	————
RM2	S77°18'34"W	55.11'	————
RM3	S17°05'42"E	1,349.99'	————

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 032: A 3-1/4" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 032". The disk is located on Route 143 (Merrimac Trail), 11.0' east of the center line of Route 143, 36.0' south of the center line of the paved entrance road to the Farm Fresh Shopping Center.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 21.0' east of the center line of Route 143 (Merrimac Trail), 2.0' south of utility pole #QC-37.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 28.0' west of the center line of Route 143 (Merrimac Trail), opposite STATION 032.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 16.0' west of the center line of Route 143 (Merrimac Trail), 50.5' north of utility pole #SN-14.

STA 032	WITNESS POST PLACED OF THE STATION	4.0' East
RM1	WITNESS POST PLACED OF THE MARK	2.5' North
RM2	WITNESS POST PLACED OF THE MARK	3.5' Northwest
RM3	WITNESS POST PLACED OF THE MARK	6.0' West

Station Name: 32

Latitude (dms)	37 16 27.19623
Longitude (dms)	76 40 47.90150
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3661401.445
Northing(Y) in meters	1105970.440
Easting (X) in US Survey ft	12012447.908
Northing(Y) in US Survey ft	3628504.685
Easting (X) in international ft	12012471.933
Northing(Y) in international ft	3628511.942
Scale	.99994672
Convergence (dms)	1 6 16.631

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)
033–RESET	Meters	3662059.473	1105234.921
	U.S. Survey Ft.	12014606.789	3626091.569
	Int'l Ft.	12014630.818	3626098.821

VERTICAL DATA
Elevations refer to National Geodetic Vertical Datum (1929)
Elevation of Station = 84.93'
FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

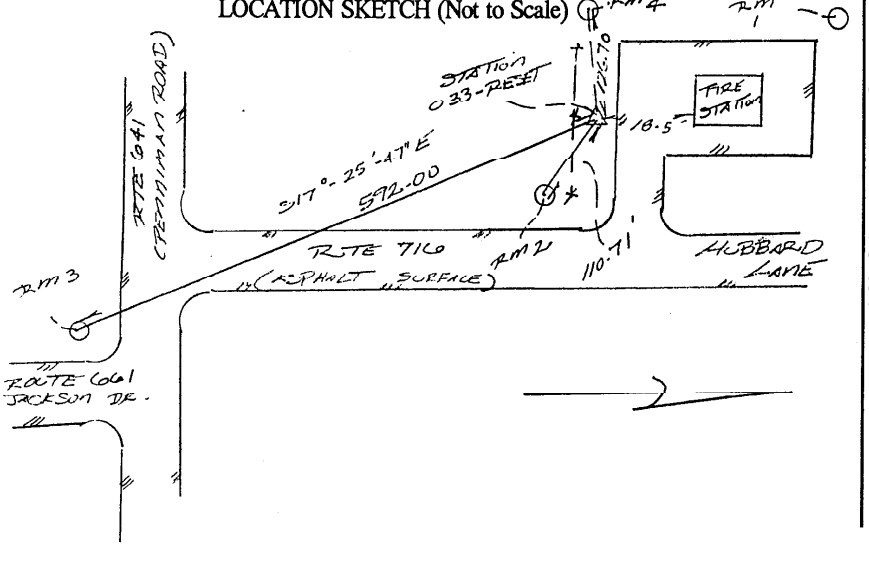
COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

STATION NUMBER	FIELD BOOKS
033–RESET	PS 321/49 PS 326/50

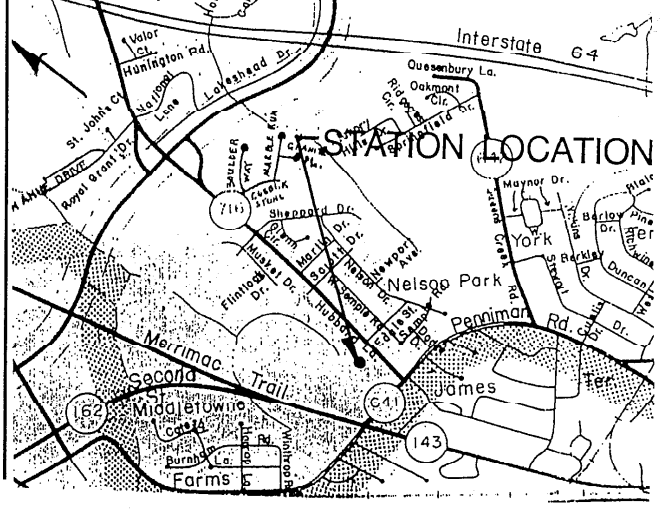
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	NOT INTERVISIBLE WITH STA. 033–RESET		
RM2	S86°37'06"E	110.71'	---
RM3	S17°25'47"E	592.00'	---
RM4	S89°15'58"W	126.70'	---

LOCATION SKETCH (Not to Scale)



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 033–RESET: A 3¼" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 033–RESET". The disk is located on the grounds of the Bruton District Fire Station, 26.5' east of the west wall of the fire station, 18.5' south of the south wall of the fire station and 4.5' north of the chain link fence separating the fire station site and the Magruder Elementary School site.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located adjacent to the northwest end of the chain link fence, 6.5' southwest of the fence endpost. (NO LONGER INTERVISIBLE WITH STATION 033–RESET.)

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 32.5' west of the center line of Route 716 (Hubbard Lane), 4.0' south of utility pole #UM–85.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 24.0' south of the center line of 641 (Penniman Road), 30.0' west of the center line of Route 661 (Jackson Drive).

REFERENCE MARK NO. 4: A 2" disk in concrete, approximately 4" below the ground surface stamped "REFERENCE MARK NO. 4". The disk is 4.0' north of the back of the parking lot curb and is located adjacent to the northeast corner of a curb stormwater drop inlet concrete collar.

STA 033–RESET	WITNESS POST PLACED 4.0' SOUTH OF THE STATION
RM1	WITNESS POST PLACED 7.0' NORTH OF THE MARK
RM2	WITNESS POST PLACED 2.5' NORTHWEST OF THE MARK
RM3	WITNESS POST PLACED 38.0' WEST OF THE MARK
RM4	WITNESS POST PLACED 1.2' WEST OF THE MARK

STATION NAME: 033–RESET

Latitude (dms)	37	16	2.92869
Longitude (dms)	76	40	21.77334
State Plane Zone (4502) Virginia South			
Easting (X) in meters			3662059.473
Northing (Y) in meters			1105234.921
Easting (X) in US Survey ft.			12014606.789
Northing (Y) in US Survey ft.			3626091.569
Easting (X) in international ft.			12014630.818
Northing (Y) in international ft.			3626098.821
Scale	.99994692		
Convergency (dms)	1	6	32.489
YO	1114764.183		

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
034	Meters	3662842.121	1105892.671
	U S Survey ft.	12017174.526	3628249.540
	Int'l ft.	12017198.561	3628256.796

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 78.47'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

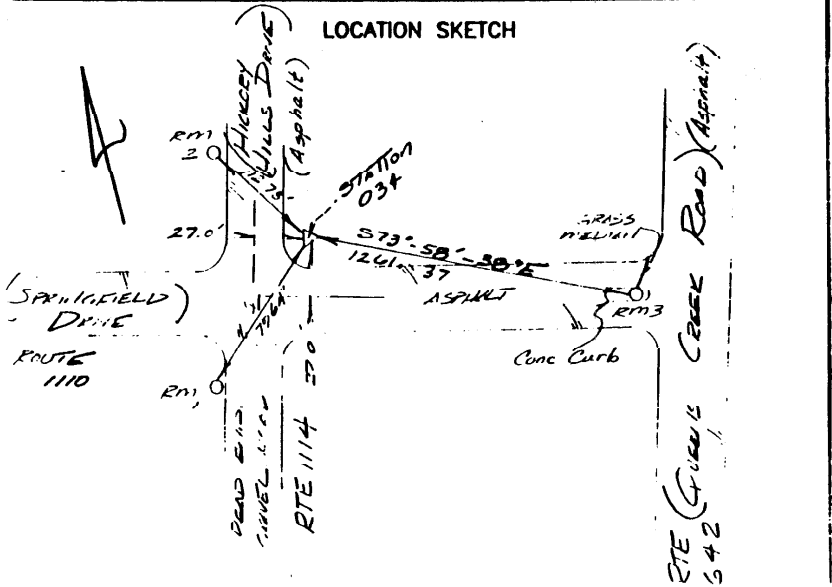
STATION NUMBER: **034**

FIELD BOOKS: PS 321/66

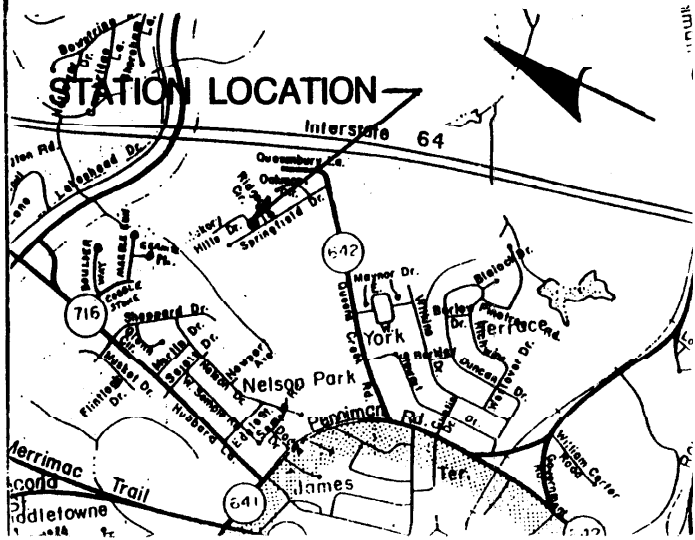
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S57°24'38"W	79.64'	————
RM2	N12°20'12"W	112.78'	————
RM3	S73°58'38"E	1,261.37'	————

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 034: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 034". The disk is located at the northeast intersection of Routes 1110 (Springfield Drive) and 1114 (Hickory Hills Drive), 27.0' east of the center line of Route 1114, 27.0' north of the center line of Route 1110.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 30.0' southwest of the center line of Route 1110 (Springfield Drive), 25.0' northwest of the center line of Route 1114 (Hickory Hills Drive), approximately 1.0' behind the concrete curb.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 19.5' northwest of the center line of Route 1114 (Hickory Hills Drive), 5.0' north of the chain link fence corner post.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located in the median strip at the intersection of Routes 642 (Queens Creek Road) and 1110 (Springfield Drive), 7.0' west of the center line of Route 642, 15.0' north of the eastbound lane of Route 1110.

STA 034	WITNESS POST PLACED OF THE STATION	3.5' North
RM1	WITNESS POST PLACED OF THE MARK	2.0' South
RM2	WITNESS POST PLACED OF THE MARK	4.0' South
RM3	WITNESS POST PLACED OF THE MARK	7.5' Northwest

Station Name: 34

Latitude (dms)	37 16 23.76899
Longitude (dms)	76 39 49.49327
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3662842.121
Northing(Y) in meters	1105892.671
Easting (X) in US Survey ft	12017174.526
Northing(Y) in US Survey ft	3628249.540
Easting (X) in international ft	12017198.561
Northing(Y) in international ft	3628256.796
Scale	.99994675
Convergence (dms)	1 6 52.081

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
035	Meters	3663036.725	1104282.605
	U S Survey ft.	12017812.989	3622967.181
	Int'l ft.	12017837.025	3622974.427

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 87.84'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

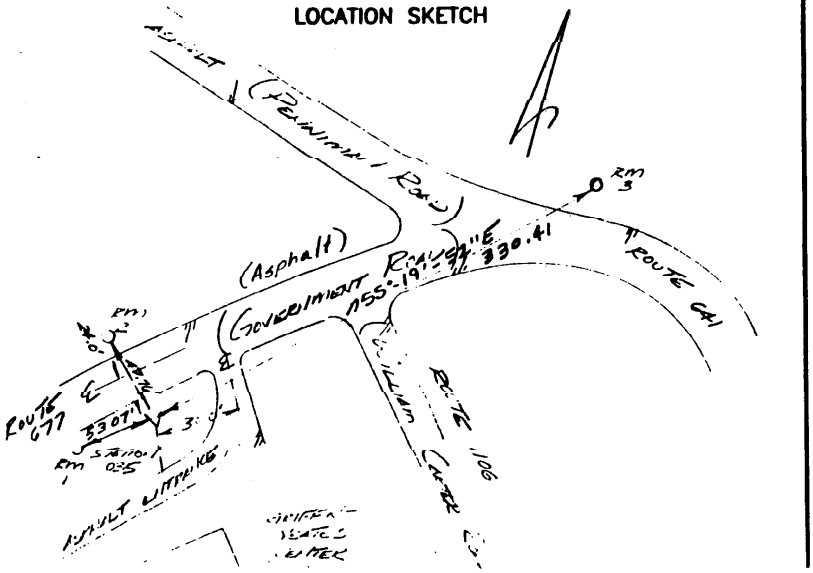
STATION NUMBER: **035**

FIELD BOOKS: PS 321/67

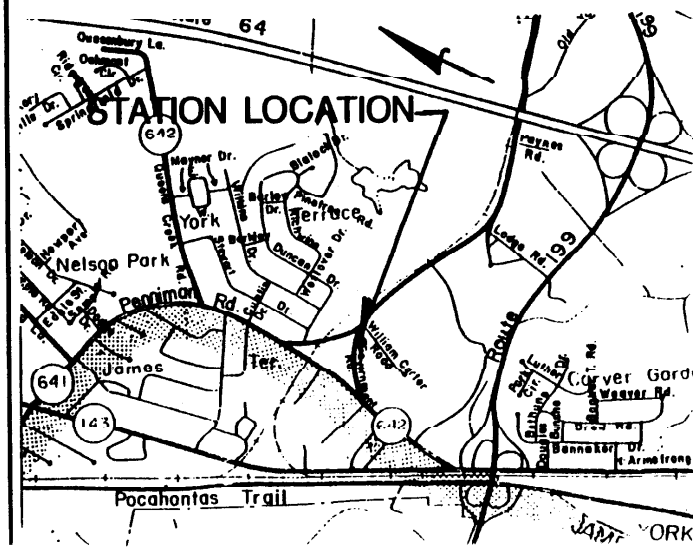
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S59°58'26"W	53.07'	———
RM2	N29°16'36"W	47.76'	———
RM3	N55°19'52"E	330.41'	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 035: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 035". The disk is located on the grounds of the Griffin-Yeates Center, on Route 677 (Government Road), 24.0' southeast of the center line of Route 677, 42.5' northeast of the fire hydrant (red with white cap).

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 28.0' southeast of the center line of Route 677 (Government Road), 10.0' southwest of the fire hydrant (red with white cap).

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 21.5' northwest of the center line of Route 677 (Government Road), opposite STATION 035.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 18.0' north of the center line of Route 641 (Penniman Road), 11.0' southwest of utility pole #712-266.

STA 035 WITNESS POST PLACED 4.0' South OF THE STATION

RM1 WITNESS POST PLACED 9.0' Northeast OF THE MARK

RM2 WITNESS POST PLACED 3.0' Northwest OF THE MARK

RM3 WITNESS POST PLACED 11.0' North OF THE MARK

Station Name: 35

Latitude (dms)	37 15 31.42673
Longitude (dms)	76 39 42.86784
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3663036.725
Northing(Y) in meters	1104282.605
Easting (X) in US Survey ft	12017812.989
Northing(Y) in US Survey ft	3622967.181
Easting (X) in international ft	12017837.025
Northing(Y) in international ft	3622974.427
Scale	.99994719
Convergence (dms)	1 6 56.102

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
036	Meters	3663798.031	1104249.283
	U S Survey ft.	12020310.708	3622857.854
	Int'l ft	12020334.749	3622865.100

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 84.10'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

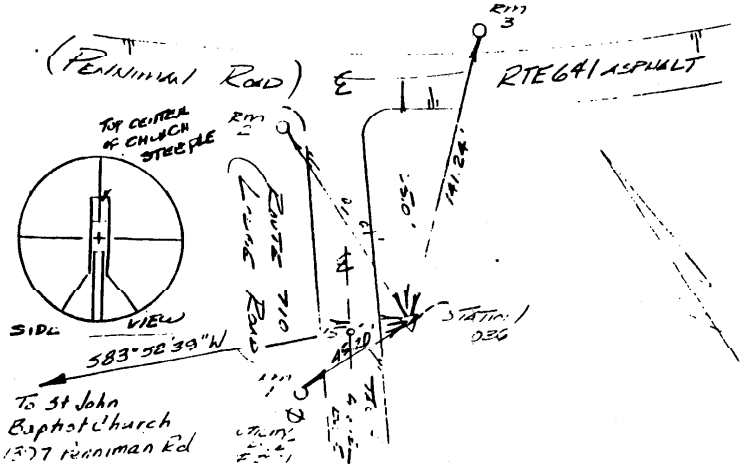
STATION NUMBER: **036**

FIELD BOOKS
PS 321/69
PS 327/24

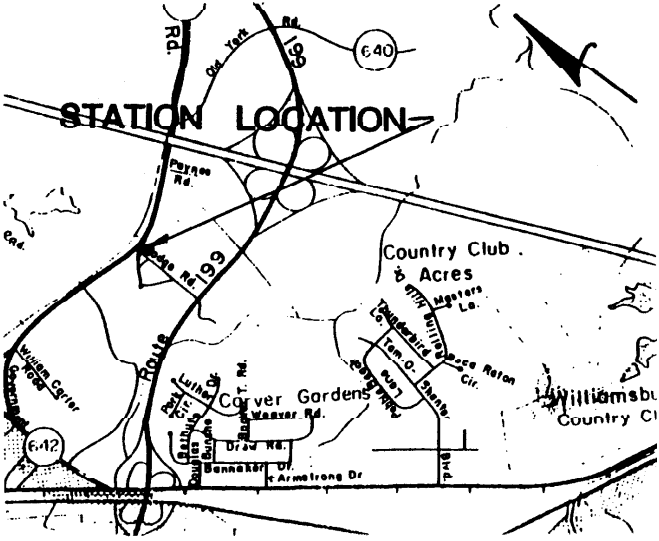
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S39°10'19"W	45.20'	— — —
RM2	N32°14'42"W	82.81'	— — —
RM3	N26°26'31"E	141.24'	— — —
CHURCH STEEPLE	S83°52'39"W	----	

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 036: A 3-1/4" disk in concrete, approximately 4" below the ground surface, stamped "STATION NO. 036". The disk is located 15.0' east of the center line of Route 710 (Lodge Road), south of the intersection with Route 641 (Penniman Road), 16.0' north of utility pole #IG-33.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 17.5' southwest of the center line of Route 710 (Lodge Road), 1.0' north of utility pole #IG-01.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 12.5' east of utility pole #96, 23.0' south of the center line of Route 641 (Penniman Road).

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 15.0' north of the center line of Route 641 (Penniman Road), 9.0' west of the 30" tulip poplar tree.

STA 036	WITNESS POST PLACED OF THE STATION	6.0' South
RM1	WITNESS POST PLACED OF THE MARK	2.0' South
RM2	WITNESS POST PLACED OF THE MARK	12.5' West
RM3	WITNESS POST PLACED OF THE MARK	2.0' North

Station Name: 36

Latitude (dms)	37 15 29.86403
Longitude (dms)	76 39 12.00321
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3663798.031
Northing(Y) in meters	1104249.283
Easting (X) in US Survey ft	12020310.708
Northing(Y) in US Survey ft	3622857.854
Easting (X) in international ft	12020334.749
Northing(Y) in international ft	3622865.100
Scale	.99994721
Convergence (dms)	1 7 14.834

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
037	Meters	3665061.020	1105375.390
	U S Survey ft.	12024454.362	3626552.425
	Int'l ft.	12024478.411	3626559.678

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 83.91'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

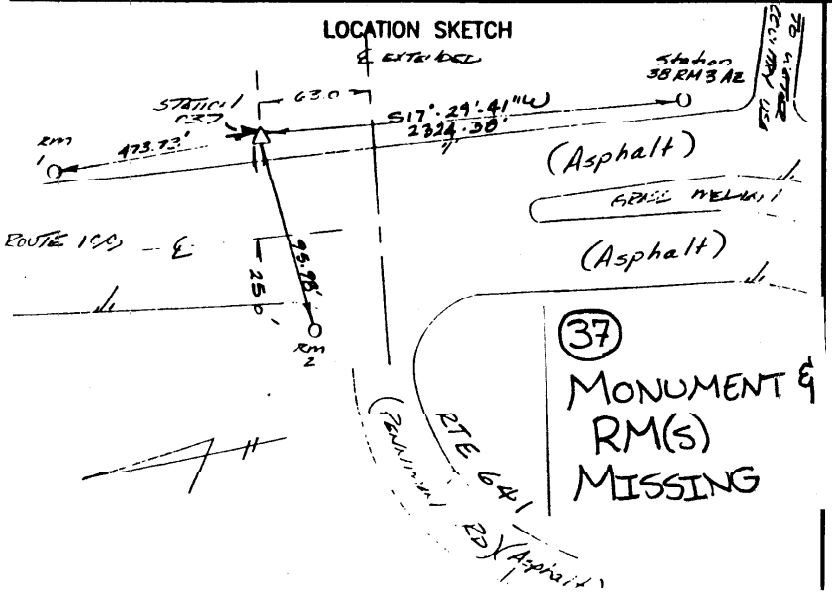
STATION NUMBER: **037**

FIELD BOOKS: PS 321/71

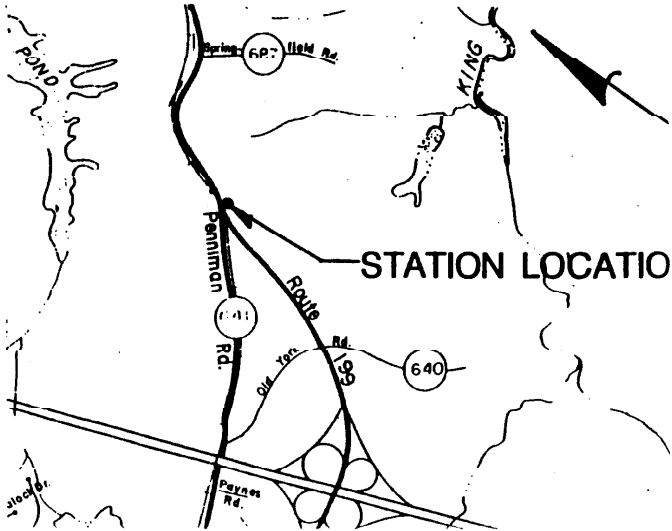
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N03°22'47"W	473.73'	— — —
RM2	S82°23'44"W	95.98'	— — —
STA 038 - RM3	S17°29'41"W	2,324.38'	— — —

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 037: A 3-1/4" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 037". The disk is located 25.0' east of the center line of Route 199 (South By-Pass), near the intersection with Route 641 (Penniman Road), 63.0' north of the center line (projected) of Route 641.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 24.0' east of the center line of Route 199 (South By-Pass), 56.0' north of utility pole #00-82.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 51.5' west of the center line of Route 199 (South By-Pass), 36.5' north of the center line of Route 641 (Penniman Road).

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately ___" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located No Reference Mark No. 3.

STA 037	WITNESS POST PLACED OF THE STATION	9.0' East
RM1	WITNESS POST PLACED OF THE MARK	9.0' East
RM2	WITNESS POST PLACED OF THE MARK	7.0' Northwest
RM3	WITNESS POST PLACED OF THE MARK	

Station Name: 37

Latitude (dms)	37 16 5.58252
Longitude (dms)	76 38 19.85516
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3665061.020
Northing(Y) in meters	1105375.390
Easting (X) in US Survey ft	12024454.362
Northing(Y) in US Survey ft	3626552.425
Easting (X) in international ft	12024478.411
Northing(Y) in international ft	3626559.678
Scale	.99994689
Convergence (dms)	1 7 46.484

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
038	Meters	3664588.867	1104196.357
	U S Survey ft.	12022905.306	3622684.216
	Int'l ft.	12022929.352	3622691.461

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 99.99'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

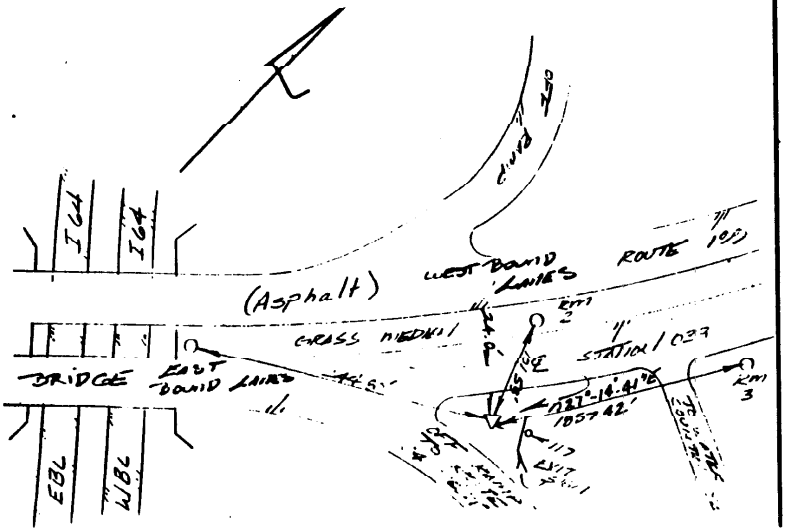
STATION NUMBER: **038**

FIELD BOOKS: PS 321/72

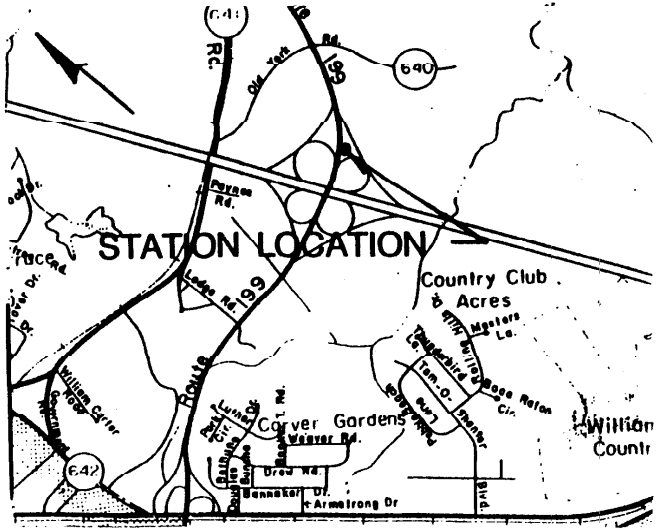
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S63°05'39"W	244.80'	— — —
RM2	N02°08'13"W	101.58'	— — —
RM3	N27°14'41"E	1,857.42'	— — —

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 038: A 3-1/4" disk in concrete, approximately 5" below the ground surface, stamped "STATION NO. 038". The disk is located at the entrance ramp to the westbound lanes of Interstate Route 64 from the eastbound lanes of Route 199 (South By-Pass), 24.0' south of the center line of the eastbound lanes of Route 199, 18.0' east of the center line of the entrance ramp.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located in the grass median between the eastbound and the westbound lanes of Route 199, 1.5' north of the adjacent concrete bridge rail, 19.0' southeast of the center line of the westbound lanes of Route 199.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located in the grass median between the eastbound and the westbound lanes of Route 199, 1.5' north of the steel guardrail, 21.0' southeast of the center line of the westbound lanes of Route 199.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 24.0' east of the center line of the eastbound lanes of Route 199, 1.5' west of the pole for the "East 199" sign.

STA 038 WITNESS POST PLACED 12.0' East OF THE STATION

RM1 WITNESS POST PLACED 2.0' Southwest OF THE MARK

RM2 WITNESS POST PLACED 2.5' South OF THE MARK

RM3 WITNESS POST PLACED 3.0' South OF THE MARK

Station Name: 38

Latitude (dms)	37 15 27.64450
Longitude (dms)	76 38 39.95640
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3664588.867
Northing(Y) in meters	1104196.357
Easting (X) in US Survey ft	12022905.306
Northing(Y) in US Survey ft	3622684.216
Easting (X) in international ft	12022929.352
Northing(Y) in international ft	3622691.461
Scale	.99994723
Convergence (dms)	1 7 34.284

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)
039	Meters	3664002.702	1102619.413
	U.S. Survey Ft.	12020982.199	3617510.523
	Int'l Ft.	12021006.241	3617517.758

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation of Station = 89.75'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

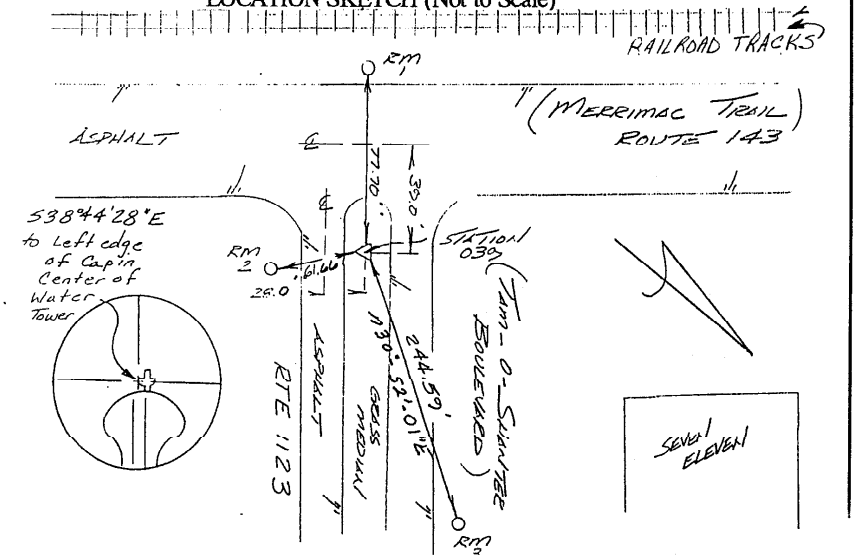
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S45°38'17"W	77.70'	---
RM2	S53°11'36"E	61.66'	---
RM3	N30°52'01"E	244.59'	---
Water Tower	S38°44'28"E	--	---

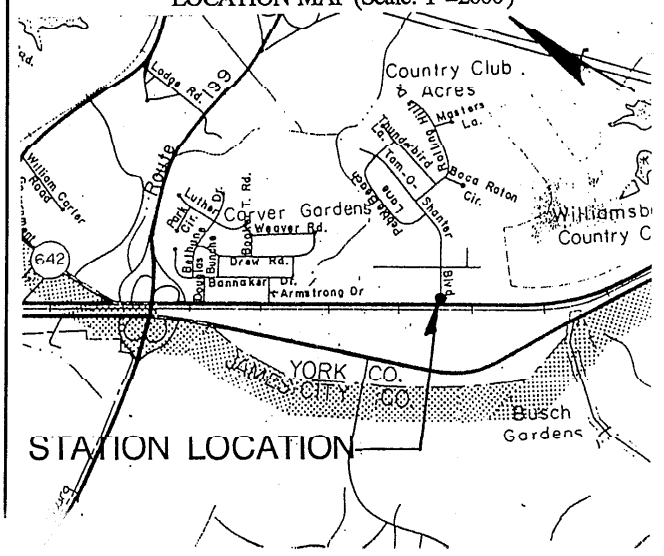
COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

STATION NUMBER	FIELD BOOKS
039	PS 321/74 PS 327/25

LOCATION SKETCH (Not to Scale)



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 039: A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 039". The disk is located at the southwest end of the grass median on Route 1123 (Tam-O-Shanter Boulevard) at the intersection with Route 143 (Merrimac Trail), 23.0' southeast of the center line of the westbound lanes of Route 1123, 28.0' northwest of the center line of the eastbound lanes of Route 1123, 39.0' northeast of the center line of Route 143.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 7.0' southwest of the edge of the pavement of Route 143 (Merrimac Trail), opposite STATION 039, 45.0' north of the nearest utility pole adjacent to the railroad tracks.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 30.0' southeast of the center line of the eastbound lanes of Route 1123 (Tam-O-Shanter Boulevard), 2.0' north of the street sign.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 32.0' northwest of the center line of the westbound lanes of Route 1123, 14.5' north of the end of the curb.

STA 039	WITNESS POST PLACED OF THE STATION	9.0' North
RM1	WITNESS POST PLACED OF THE MARK	20.0' Southwest
RM2	WITNESS POST PLACED OF THE MARK	2.0' South
RM3	WITNESS POST PLACED OF THE MARK	5.0' Northeast

Station Name: 39

Latitude (dms)	37 14 36.87239
Longitude (dms)	76 39 4.99365
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3664002.702
Northing(Y) in meters	1102619.413
Easting (X) in US Survey ft	12020982.199
Northing(Y) in US Survey ft	3617510.523
Easting (X) in international ft	12021006.241
Northing(Y) in international ft	3617517.758
Scale	.99994773
Convergence (dms)	1 7 19.089

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
040	Meters	3675797.455	1102452.776
	U S Survey ft.	12059678.815	3616963.817
	Int'l ft.	12059702.935	3616971.051

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 46.69'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	NELSON

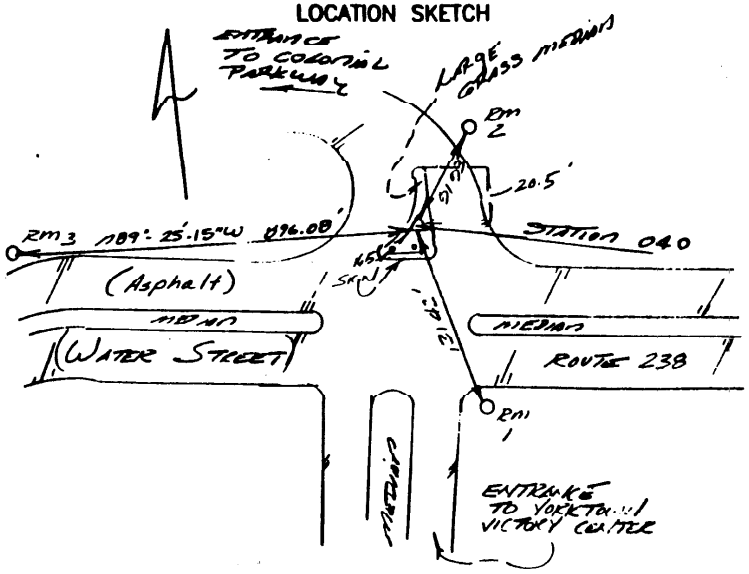
STATION NUMBER: **040**

FIELD BOOKS: PS 323/79

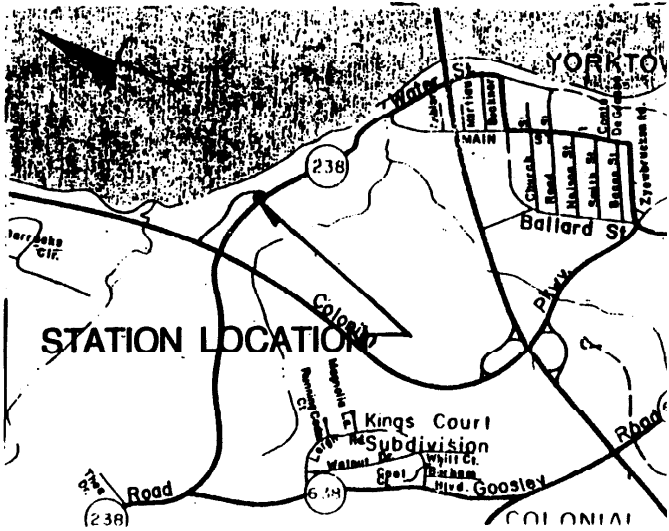
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S21°46'03"E	131.42'	———
RM2	N14°45'55"E	91.93'	———
RM3	N89°25'15"W	896.08'	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 040: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 040". The disk is located in the eastern triangular shaped grass median at the entrance road to the Colonial Parkway from Route 238 (Water Street) at the Yorktown Victory Center, 16.5' north of the direction sign, 8.5' west of the edge of the curb on the east side of the median.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located at the eastern corner of the entrance to the Yorktown Victory Center from Route 238 (Water Street), 6.5' north of the corner of the brick sign, 22.0' south of the end of the curb.

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 end of the wood guardrail, 12.5' east of the center line of the entrance road to Colonial Parkway.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 5.0' south of the edge of the pavement of Route 238 (Water Street).

STA 040 WITNESS POST PLACED 13.5' Southwest OF THE STATION

RM1 WITNESS POST PLACED 3.0' West OF THE MARK

RM2 WITNESS POST PLACED 2.0' North OF THE MARK

RM3 WITNESS POST PLACED 3.0' North OF THE MARK

Station Name: 40

Latitude (dms)	37 14 23.70683
Longitude (dms)	76 31 6.65642
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3675797.455
Northing(Y) in meters	1102452.776
Easting (X) in US Survey ft	12059678.815
Northing(Y) in US Survey ft	3616963.817
Easting (X) in international ft	12059702.935
Northing(Y) in international ft	3616971.051
Scale	.99994787
Convergence (dms)	1 12 9.403