COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
021	Meters	3661079.160	1109330.354
	U S Survey ft.	12011390.545	3639528.003
	Int'l ft.	12011414.568	3639535.282

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 86.82'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

REFERENCE AND AZIMUTH MARK LOCATIONS

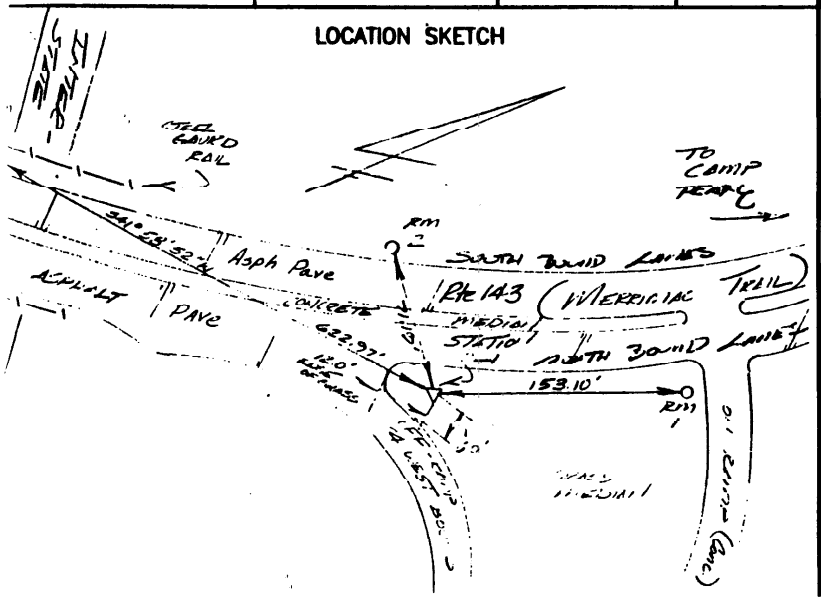
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N36°21'24"E	153.10'	— — —
RM2	N58°47'10"W	71.19'	— — —
RM3	S41°58'52"W	622.97'	— — —

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

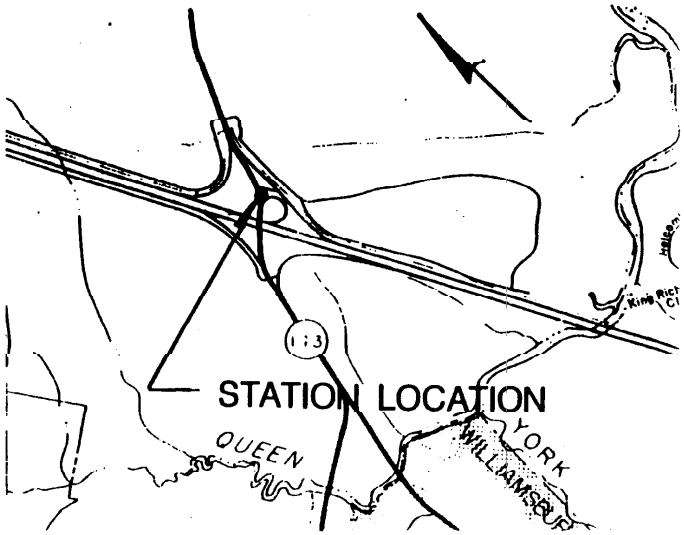
STATION NUMBER: **021**

FIELD BOOKS: PS 321/76

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 021: A 3-1/4" disk in concrete, approximately 4" below the ground surface, stamped "STATION NO. 021". The disk is located adjacent to the northbound lanes of Route 143 (Merrimac Trail) at the entrance ramp to the westbound lanes of Interstate Route 64, 5.0' east of the edge of the pavement of Route 143.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 41.0' southeast of the center line of Route 143 (Merrimac Trail), 28.5' southwest of the center line of the exit ramp from the westbound lanes of I-64.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 7" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 4.0' northwest of the edge of the pavement of Route 143 (Merrimac Trail), opposite STATION 021.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 4.5' west of the edge of the pavement of Route 143 (Merrimac Trail), 1.5' northwest of the end of the guardrail.

STA 021	WITNESS POST PLACED OF THE STATION	21.0' Northeast
RM1	WITNESS POST PLACED OF THE MARK	7.0' West
RM2	WITNESS POST PLACED OF THE MARK	2.5' West
RM3	WITNESS POST PLACED OF THE MARK	4.0' Northeast

Station Name: 21

Latitude (dms)	37 18 16.37004
Longitude (dms)	76 40 58.35634
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3661079.160
Northing(Y) in meters	1109330.354
Easting (X) in US Survey ft	12011390.545
Northing(Y) in US Survey ft	3639528.003
Easting (X) in international ft	12011414.568
Northing(Y) in international ft	3639535.282
Scale	.99994600
Convergence (dms)	1 6 10.286

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
022	Meters	3660797.271	1108401.475
	U S Survey ft.	12010465.712	3636480.505
	Int'l ft.	12010489.733	3636487.778

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 31.08'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

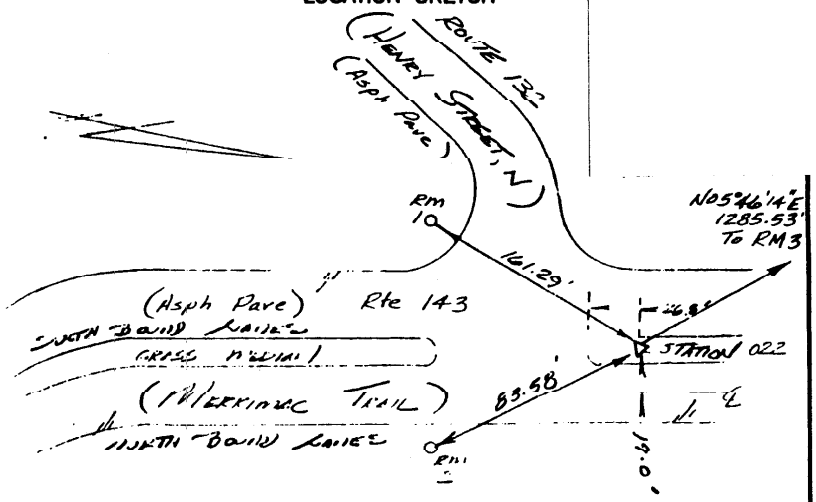
STATION NUMBER: **022**

FIELD BOOKS
PS 321/45
PS 321/75

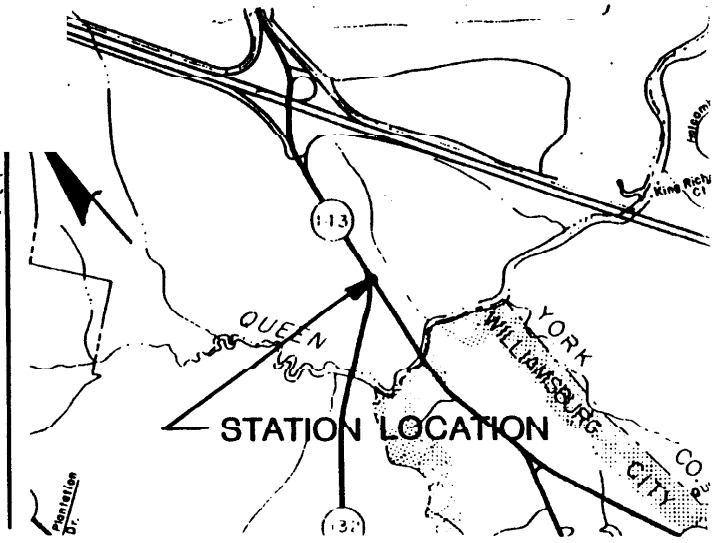
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S38°20'37"W	161.29'	———
RM2	S30°48'48"E	83.58'	———
RM3	N05°46'14"E	1,285.53'	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 022: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 022". The disk is located in the grass median immediately north of the intersection of Routes 143 (Merrimac Trail) and 132 (Henry Street, N.), 12.0' east of the center line of the southbound lanes of Route 143, 19.0' west of the center line of the northbound lanes of Route 143, 26.5' north of the edge of the curb at the south end of the grass 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 69.0' west of the center line of the southbound lanes of Route 143 (Merrimac Trail), 41.5' southeast of the center line of Route 132 (Henry Street, N.).

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 36.0' east of the center line of the northbound lanes of Route 143 (Merrimac Trail), 48.0' northeast of the route direction sign post.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 30.0' west of the center line of the southbound lanes of Route 143 (Merrimac Trail), 84.5' north of the end of the guardrail.

STA 022 WITNESS POST PLACED 3.0' Southeast OF THE STATION

RM1 WITNESS POST PLACED 9.0' South OF THE MARK

RM2 WITNESS POST PLACED 2.5' South OF THE MARK

RM3 WITNESS POST PLACED 18.5' West OF THE MARK

Station Name: 22

Latitude (dms)	37 17 46.41947
Longitude (dms)	76 41 10.52611
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3660797.271
Northing(Y) in meters	1108401.475
Easting (X) in US Survey ft	12010465.712
Northing(Y) in US Survey ft	3636480.505
Easting (X) in international ft	12010489.733
Northing(Y) in international ft	3636487.778
Scale	.99994617
Convergence (dms)	1 6 2.900

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)
023–RESET	Meters	3659524.843	1107051.982
	U.S. Survey Ft.	12006291.090	3632053.045
	Int'l Ft.	12006315.103	3632060.309

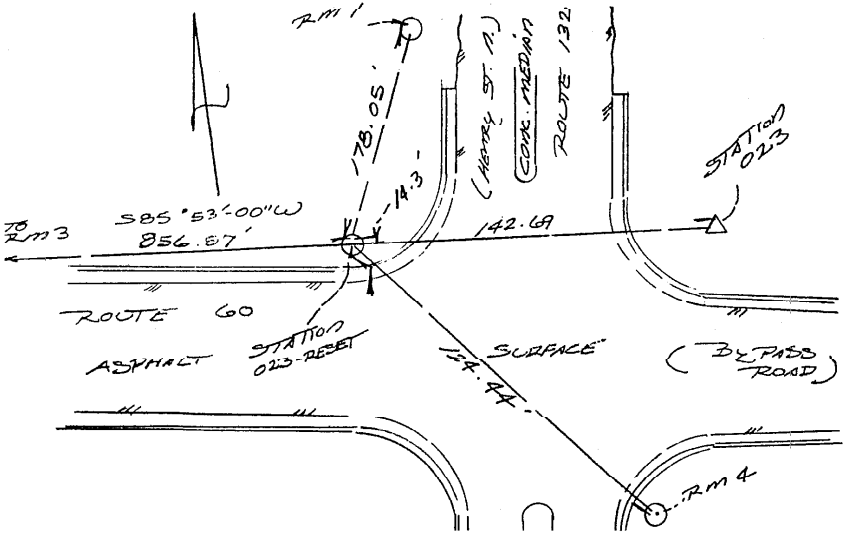
REFERENCE AND AZIMUTH MARK LOCATIONS			
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N38°47'42"E	178.05'	---
RM3	S85°53'00"W	856.87'	---
RM4	S23°36'03"E	124.44'	---
STATION 023	N85°53'00"E	142.69'	27.16'

VERTICAL DATA
Elevations refer to National Geodetic Vertical Datum (1929)
Elevation of Station = 31.02'
FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

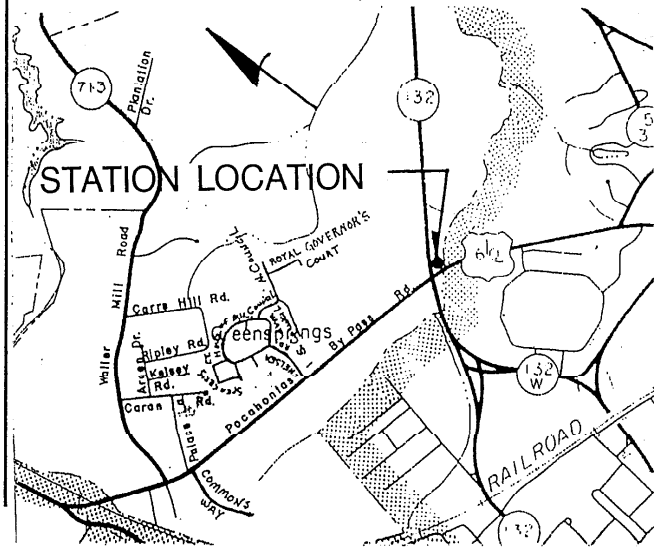
COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

STATION NUMBER	FIELD BOOKS
023–RESET	PS 321/42 PS 326/48

LOCATION SKETCH (Not to Scale)



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 023–RESET: A 3¼" disk in concrete, approximately 4" below the ground surface, stamped "STATION NO. 023–RESET". The disk is located at the northeast corner of the intersection of Route 60 (Bypass Road) and 132 (Henry Street, N.), 14.3' east of the east back of the curb of Route 60 (Bypass Road) and 40.0' west of a 6"x6" wood sign post.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 7.0' northwest of the edge of the curbing on Route 132 (Henry Street, N.), 11.5' southwest of the end of the curbing on Route 132.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 15.0' northeast of the center line of Route 60 (Bypass Road), 42.0' southeast of the route direction sign 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 29.0' southwest of the center line of Route 60 (Bypass Road), 81.0' south of a traffic control sign post.

REFERENCE MARK NO. 4: A 2" disk in concrete approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 4". The disk is located at the southwest corner of Route 132 (Henry Street, N.) and Route 60 (Bypass Road), 11.2' south of the south back of the curb of Route 132 (Henry Street, N.) and 22.0' northwest of a traffic control box.

STA 023–RESET	WITNESS POST PLACED 3.0' NORTHEAST OF THE STATION
RM1	WITNESS POST PLACED 6.0' NORTHWEST OF THE MARK
RM2	WITNESS POST PLACED 2.5' EAST OF THE MARK
RM3	WITNESS POST PLACED 7.5' WEST OF THE MARK
RM4	WITNESS POST PLACED 2.5' NORTHEAST OF THE MARK

STATION NAME: 023–RESET

Latitude (dms)	37	17	3.44093
Longitude (dms)	76	42	3.22705
State Plane Zone (4502) Virginia South			
Easting (X) in meters			3659524.843
Northing (Y) in meters			1107051.982
Easting (X) in US Survey ft.			12006291.090
Northing (Y) in US Survey ft.			3632053.045
Easting (X) in international ft.			12006315.103
Northing (Y) in international ft.			3632060.309
Scale	.99994645		
Convergency (dms)	1	5	30.914
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)
024	Meters	3658108.127	1107137.232
	U S Survey ft.	12001643.079	3632332.737
	Int'l ft.	12001667.083	3632340.002

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 94.08'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

REFERENCE AND AZIMUTH MARK LOCATIONS

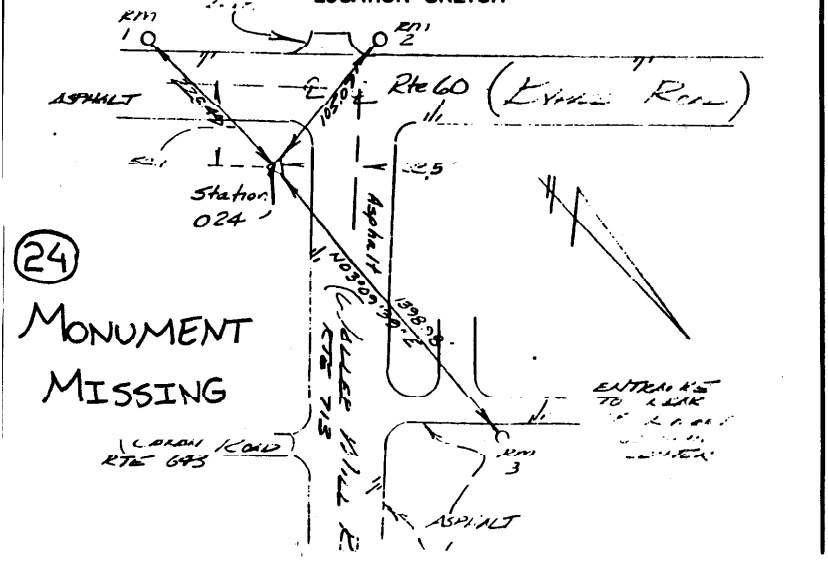
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S43°18'29"E	228.49'	———
RM2	S40°20'18"W	105.07'	———
RM3	N03°09'39"E	1,398.98'	———

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

STATION NUMBER: **024**

FIELD BOOKS: PS 321/40

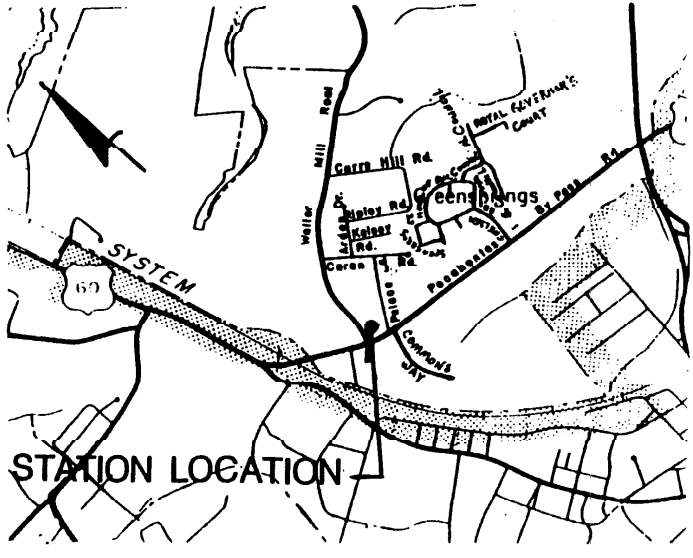
LOCATION SKETCH



24

MONUMENT MISSING

LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 024: A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 024". The disk is located at the northeast corner of the intersection of Routes 60 (Bypass Road) and 713 (Waller Mill Road), 33.5' southeast of the center line of Route 713, 15.5' north of the street sign.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 7" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 19.0' southwest of the center line of the eastbound lanes of Route 60 (Bypass Road), 1.0' northeast of the corner of the brick entrance wall to Williamsburg Commons.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 17.0' southwest of the center line of the eastbound lanes of Route 60 (Bypass Road), 8.0' southeast of utility pole #TK-35.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located at the rear of the shopping center west of Route 713 (Waller Mill Road), 38.0' north of the center line of the rear entrance road, 15.0' northeast of utility pole #TN-05.

STA 024	WITNESS POST PLACED OF THE STATION	8.0' Northeast
RM1	WITNESS POST PLACED OF THE MARK	3.0' South
RM2	WITNESS POST PLACED OF THE MARK	7.0' Southwest
RM3	WITNESS POST PLACED OF THE MARK	4.0' East

Station Name: 24

Latitude (dms)	37 17 7.07777
Longitude (dms)	76 43 .66720
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3658108.127
Northing(Y) in meters	1107137.232
Easting (X) in US Survey ft	12001643.079
Northing(Y) in US Survey ft	3632332.737
Easting (X) in international ft	12001667.083
Northing(Y) in international ft	3632340.002
Scale	.99994643
Convergence (dms)	1 4 56.053

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
025	Meters	3658412.509	1107790.512
	U S Survey ft.	12002641.705	3634476.038
	Int'l ft.	12002665.711	3634483.307

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 87.77'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

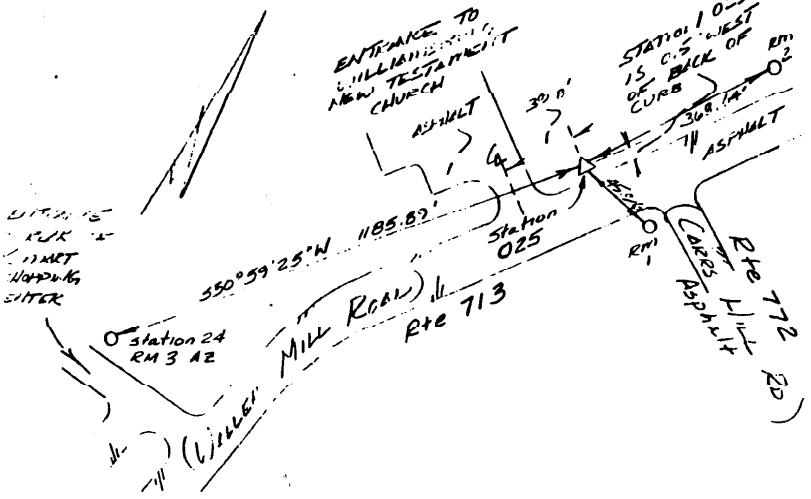
STATION NUMBER: **025**

FIELD BOOKS: PS 321/39

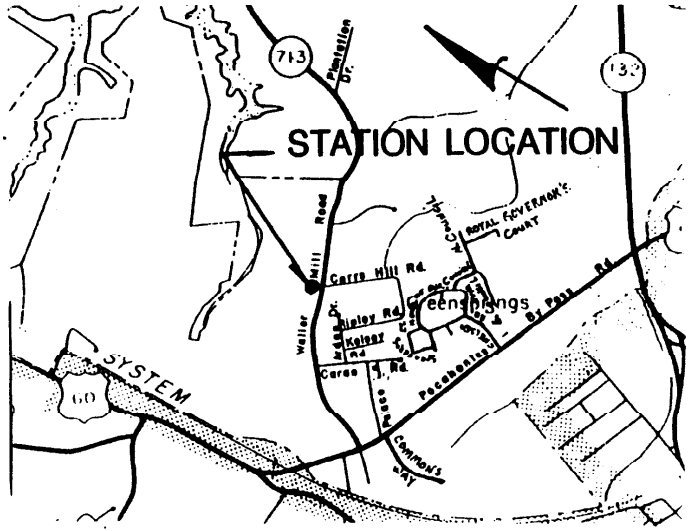
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S41°59'25"E	45.96'	————
RM2	N50°03'59"E	368.64'	————
STA 024 - RM3	S50°59'25"W	1,185.89'	————

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 025: A 3-1/4" disk in concrete, approximately 7" below the ground surface, stamped "STATION NO. 025". The disk is located on Route 713 (Waller Mill Road) at the intersection with Route 772 (Carr's Hill Road), 21.5' west of the center line of Route 713, 20.5' northeast of the red fire hydrant at the corner of the entrance road to Williamsburg New Testament Church.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 24.5' east of the center line of Route 713 (Waller Mill Road), 39.0' south of the center line of Route 772 (Carr's Hill Road).

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 28.5' west of the center line of Route 713 (Waller Mill Road), 3.5' west of utility pole #548.

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 025 WITNESS POST PLACED 21.0' West OF THE STATION

RM1 WITNESS POST PLACED 2.0' Southeast OF THE MARK

RM2 WITNESS POST PLACED 3.0' Southeast OF THE MARK

RM3 WITNESS POST PLACED _____ OF THE MARK

Station Name: 25

Latitude (dms)	37 17 28.07912
Longitude (dms)	76 42 47.81003
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3658412.509
Northing(Y) in meters	1107790.512
Easting (X) in US Survey ft	12002641.705
Northing(Y) in US Survey ft	3634476.038
Easting (X) in international ft	12002665.711
Northing(Y) in international ft	3634483.307
Scale	.99994629
Convergence (dms)	1 5 3.856

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
026	Meters	3659354.887	1109114.993
	U S Survey ft.	12005733.493	3638821.439
	Int'l ft.	12005757.505	3638828.717

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 41.40'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

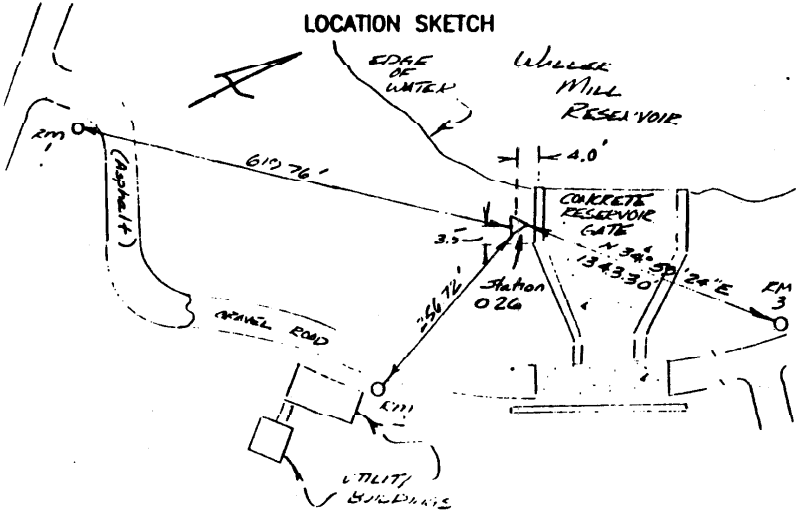
STATION NUMBER: **026**

FIELD BOOKS: PS 321/36

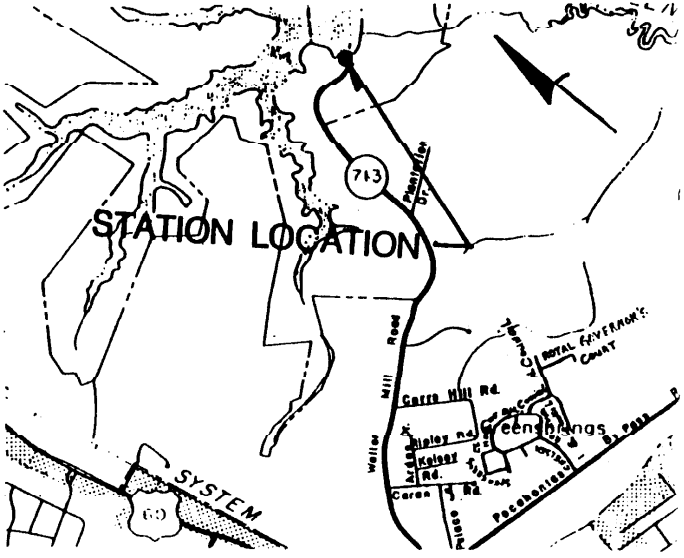
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S58°28'50"W	619.76'	————
RM2	S14°36'09"E	256.72'	————
RM3	N34°59'24"E	1,343.30'	————

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 026: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 026". The disk is located at Waller Mill Reservoir, adjacent to the concrete spillway north of the Filter Plant, 4.0' south of the edge of the concrete spillway.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 19.0' southeast of the center line of the asphalt/gravel road from the Filter Plant to the concrete spillway, 15.0' northeast of the 24" pine tree.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located adjacent to the dirt road around the concrete spillway, 15.5' southwest of the center line of the dirt road, 3.0' southeast of the northeast corner of the utility pump building.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 5" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 24.5' northeast of the dirt road from the reservoir to the watershed area, east of the entrance to the police firing range.

STA 026	WITNESS POST PLACED OF THE STATION	5.0' Northwest
RM1	WITNESS POST PLACED OF THE MARK	15.5' Southwest
RM2	WITNESS POST PLACED OF THE MARK	3.0' Southeast
RM3	WITNESS POST PLACED OF THE MARK	3.5' Northwest

Station Name: 26

Latitude (dms)	37 18 10.45601
Longitude (dms)	76 42 8.53091
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3659354.887
Northing(Y) in meters	1109114.993
Easting (X) in US Survey ft	12005733.493
Northing(Y) in US Survey ft	3638821.439
Easting (X) in international ft	12005757.505
Northing(Y) in international ft	3638828.717
Scale	.99994603
Convergence (dms)	1 5 27.695

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
027	Meters	3657149.696	1108663.945
	U S Survey ft.	11998498.629	3637341.625
	Int'l ft.	11998522.626	3637348.899

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 89.47'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

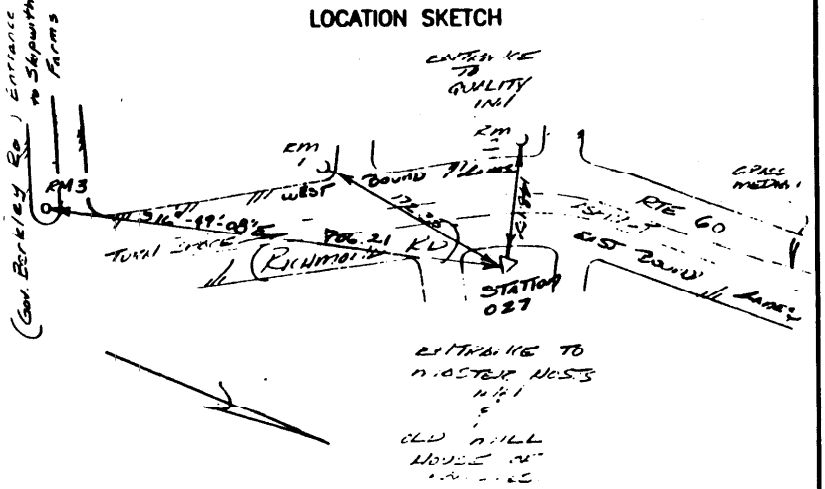
STATION NUMBER: **027**

FIELD BOOKS
PS 321/26
PS 321/77

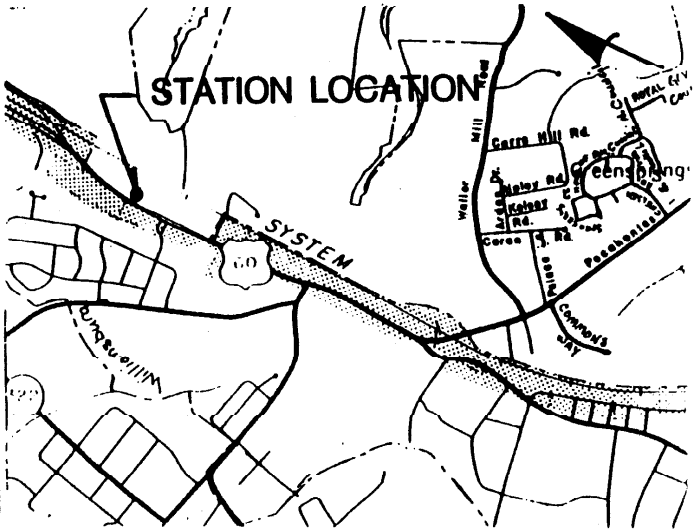
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S12°39'01"W	172.35'	———
RM2	N41°15'45"W	148.19'	———
RM3	S16°49'08"E	706.21'	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 027: A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 027". The disk is located 22.5' east of the center line of the westbound lanes of Route 60 (Richmond Road), 21.0' northeast of utility pole #CAB.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 24.5' west of the center line of the eastbound lanes of Route 60 (Richmond Road), 3.5' northwest of the traffic signal sign post.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 6" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 21.5' west of the center line of the eastbound lanes of Route 60 (Richmond Road), 48.0' north of utility anchor pole #218.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located in the grass median at the intersection of Route 60 (Richmond Road) and Governor Berkley Road, 18.0' southwest of the center line of the eastbound lanes of Route 60, 4.0' southeast of the traffic signal post.

STA 027	WITNESS POST PLACED OF THE STATION	24.0' Northeast
RM1	WITNESS POST PLACED OF THE MARK	3.5' Southeast
RM2	WITNESS POST PLACED OF THE MARK	47.5' South
RM3	WITNESS POST PLACED OF THE MARK	16.0' South

Station Name: 27

Latitude (dms)	37 17 57.17966
Longitude (dms)	76 43 38.40736
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3657149.696
Northing(Y) in meters	1108663.945
Easting (X) in US Survey ft	11998498.629
Northing(Y) in US Survey ft	3637341.625
Easting (X) in international ft	11998522.626
Northing(Y) in international ft	3637348.899
Scale	.99994611
Convergence (dms)	1 4 33.147

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)
028	Meters	3662040.374	1106896.274
	U.S. Survey Ft.	12014544.127	3631542.194
	Int'l Ft.	12014568.156	3631549.457

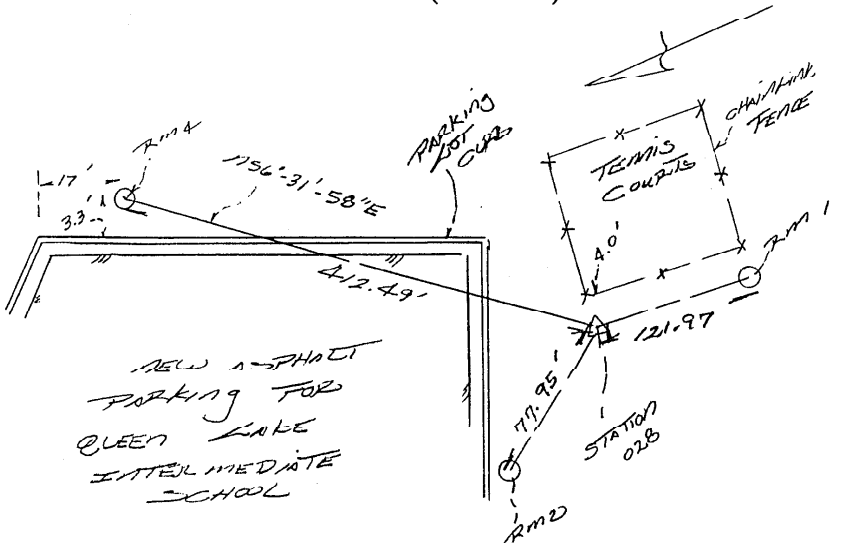
VERTICAL DATA
Elevations refer to National Geodetic Vertical Datum (1929)
Elevation of Station = 70.67'
FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

REFERENCE AND AZIMUTH MARK LOCATIONS			
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S13°11'57"E	121.97'	----
RM2	N00°41'17"E	77.95'	----
RM3	D E S	T R O Y E D	
RM4	N56°31'58"E	412.49'	----

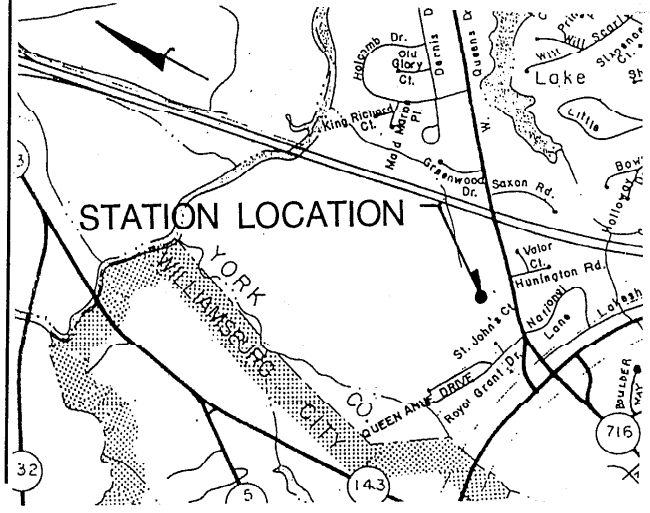
COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

STATION NUMBER	FIELD BOOKS
028	PS 321/51 PS 327/26 PS 326/49

LOCATION SKETCH (Not to Scale)



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 028: A 3¼" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 028". The disk is located on the grounds of Queens Lake Intermediate School, 4.0' west of the northwest corner of the chain link fence around the tennis court.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 2.5' southwest of the southwest corner of the chain link fence around the tennis court.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 1.5' west of the west gate post at the gate from the school parking lot to the tennis court area.

REFERENCE MARK NO. 3: DESTROYED

REFERENCE MARK NO. 4: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 4". The disk is located adjacent to the new parking lot of the Queens Lake Intermediate School, 3.3' east of the back of the east parking lot curb and 17.0' south of an angle point in the east parking lot curb.

STA 028	WITNESS POST PLACED 5.0' SOUTH OF THE STATION
RM1	WITNESS POST PLACED 3.0' SOUTHEAST OF THE MARK
RM2	WITNESS POST PLACED 3.0' NORTHWEST OF THE MARK
RM3	REFERENCE MARK NO. 3 WAS DESTROYED
RM4	WITNESS POST PLACED 2.0' NORTHEAST OF THE MARK

STATION NAME: 028

Latitude (dms)	37	16	56.82355
Longitude (dms)	76	40	21.24317
State Plane Zone (4502) Virginia South			
Easting (X) in meters			3662040.374
Northing (Y) in meters			1106896.274
Easting (X) in US Survey ft.			12014544.127
Northing (Y) in US Survey ft.			3631542.194
Easting (X) in international ft.			12014568.156
Northing (Y) in international ft.			3631549.457
Scale	.99994650		
Convergency (dms)	1	6	32.811
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)
029	Meters	3662868.111	1108335.254
	U S Survey ft.	12017259.793	3636263.245
	Int'l ft.	12017283.831	3636270.518

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 56.17'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

REFERENCE AND AZIMUTH MARK LOCATIONS

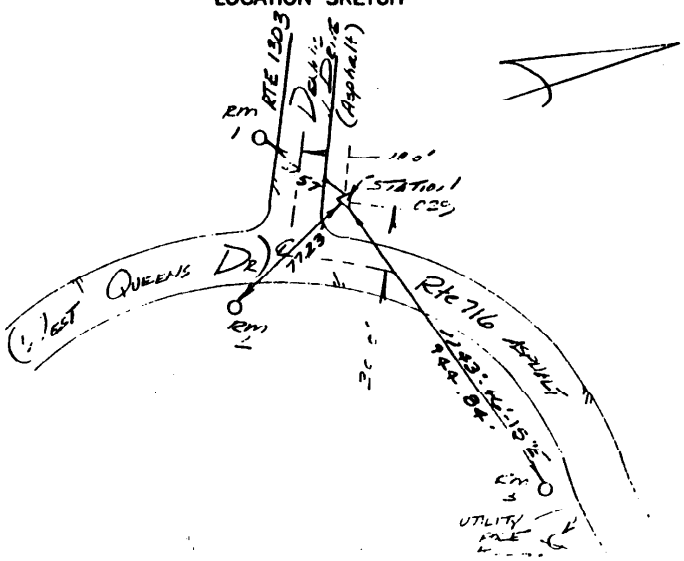
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N61°47'35"W	67.57'	————
RM2	S02°50'10"W	77.23'	————
RM3	N43°46'15"E	944.84'	————

COUNTY/CITY	DISTRICT
YORK COUNTY	BRUTON

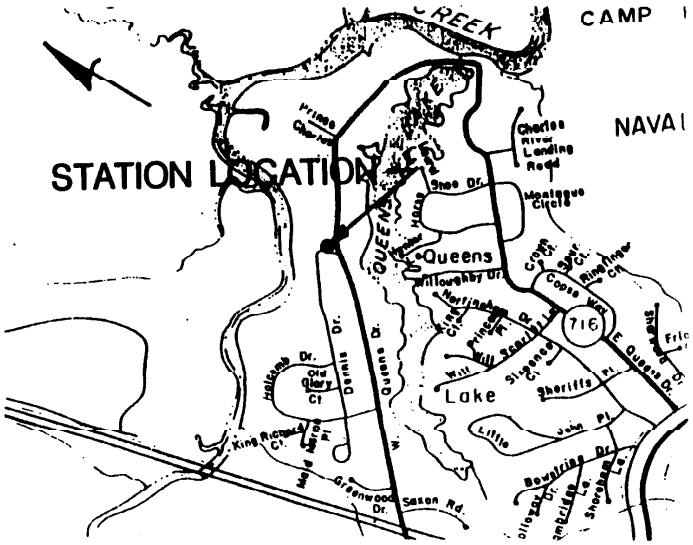
STATION NUMBER: **029**

FIELD BOOKS: PS 321/54

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 029: A 3-1/4" disk in concrete, approximately 4" below the ground surface, stamped "STATION NO. 029". The disk is located at the northwest corner of the intersection of Routes 716 (W. Queens Drive) and 1303 (Dennis Drive), 30.0' west of the center line of Route 716, 18.0' north of the center line of Route 1303.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 21.0' south of the center line of Route 1303 (Dennis Drive), 50.0' west of utility pole #CC-58.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 4" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 15.5' southeast of the center line of Route 716 (W. Queens Drive), 42.0' north of the post for the mailbox at 148 W. Queens Drive.

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' southeast of the center line of Route 716 (W. Queens Drive), 41.0' southwest of utility pole #EE-77.

STA 029	WITNESS POST PLACED OF THE STATION	26.0' Northwest
RM1	WITNESS POST PLACED OF THE MARK	29.0' Southeast
RM2	WITNESS POST PLACED OF THE MARK	10.5' East
RM3	WITNESS POST PLACED OF THE MARK	24.0' East

Station Name: 29

Latitude (dms)	37 17 42.97288
Longitude (dms)	76 39 46.50919
State Plane Zone (4502)	Virginia South
Easting (X) in meters	3662868.111
Northing(Y) in meters	1108335.254
Easting (X) in US Survey ft	12017259.793
Northing(Y) in US Survey ft	3636263.245
Easting (X) in international ft	12017283.831
Northing(Y) in international ft	3636270.518
Scale	.99994619
Convergence (dms)	1 6 53.892

COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
030	Meters	3663862.093	1108523.355
	U S Survey ft.	12020520.882	3636880.373
	Int'l ft.	12020544.924	3636887.647

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 19.56'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

COUNTY/CITY	DISTRICT
YORK COUNTY	BRITTON

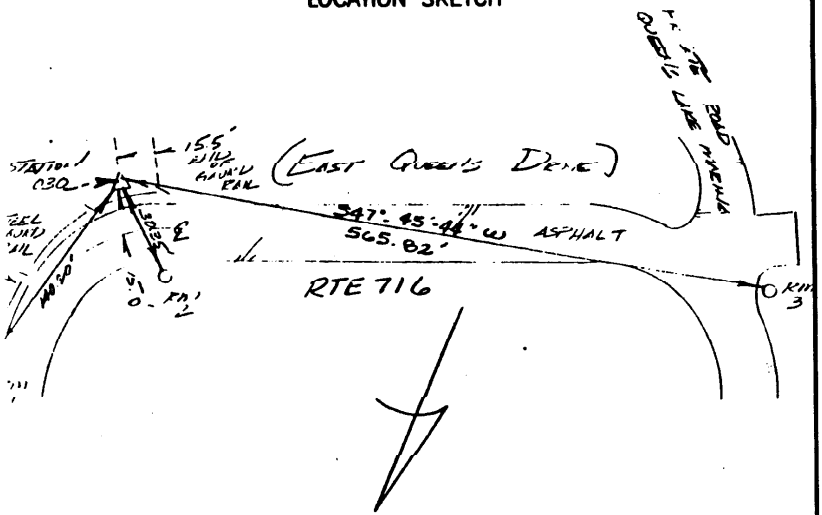
STATION NUMBER: **030**

FIELD BOOKS: PS 321/57

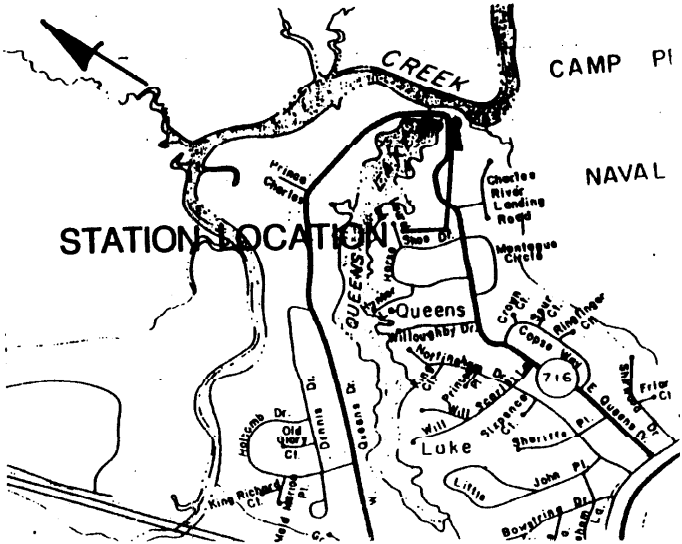
REFERENCE AND AZIMUTH MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
RM1	N22°23'45"E	140.90'	———
RM2	N67°57'44"W	30.35'	———
RM3	S47°45'44"W	565.82'	———

LOCATION SKETCH



LOCATION MAP (Scale: 1"=2000')



STATION DESCRIPTION

STATION 030: A 3-1/4" disk in concrete, approximately 6" below the ground surface, stamped "STATION NO. 030". The disk is located immediately adjacent to the Queens Lake Marina, 15.0' southeast of the center line of Route 716 (E. Queens Drive), 15.5' northeast of the end of the guardrail.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 7" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 12.0' northeast of the center line of Route 716 (E. Queens Drive), west of the utility shed on the grounds of Queens Lake Marina.

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' northwest of the center line of Route 716 (E. Queens Drive), 27.0' southwest of the edge of the concrete culvert pipe.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 25.0' southwest of the center line of Route 716 (E. Queens Drive), 4.0' northwest of the edge of the adjacent asphalt parking lot.

STA 030	WITNESS POST PLACED OF THE STATION	3.0' West
RM1	WITNESS POST PLACED OF THE MARK	2.5' East
RM2	WITNESS POST PLACED OF THE MARK	24.0' South
RM3	WITNESS POST PLACED OF THE MARK	3.5' Southeast

Station Name: 30

Latitude (dms)	37 17 48.44419
Longitude (dms)	76 39 6.00790
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3663862.093
Northing(Y) in meters	1108523.355
Easting (X) in US Survey ft	12020520.882
Northing(Y) in US Survey ft	3636880.373
Easting (X) in international ft	12020544.924
Northing(Y) in international ft	3636887.647
Scale	.99994616
Convergence (dms)	1 7 18.473