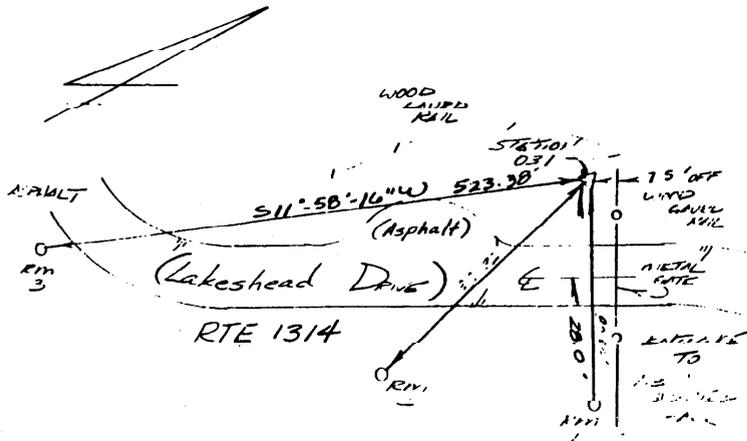


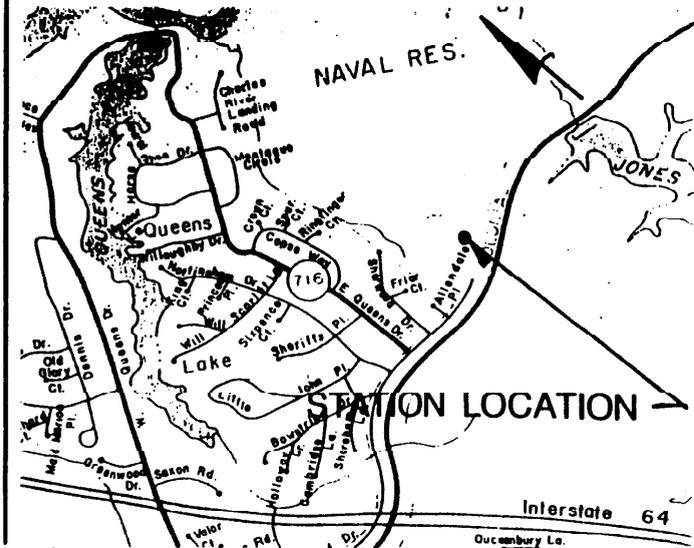
COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA			
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)			
031	Meters	3663956.318	1107023.929	Elevation Of Station= 84.57'			
	U S Survey ft.	12020830.021	3631961.009	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE			
	Int'l ft.	12020854.063	3631968.272				
REFERENCE AND AZIMUTH MARK LOCATIONS							
OBJECT	BEARING	DISTANCE	ELEVATION	COUNTY/CITY YORK COUNTY			
RM1	S86°18'55"E	80.86'	---			DISTRICT BRITTON	
RM2	S31°02'39"E	99.32'	---				
RM3	S11°58'16"W	523.38'	---				
STATION NUMBER:				031			
				FIELD BOOKS PS 321/62 PS 327/28			

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 5.0' Northwest
OF THE STATION

RM1 WITNESS POST PLACED 3.0' East
OF THE MARK

RM2 WITNESS POST PLACED 3.0' East
OF THE MARK

RM3 WITNESS POST PLACED 4.0' Southwest
OF THE MARK

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

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'	-----

COUNTY/CITY
YORK COUNTY

DISTRICT
BRUTON

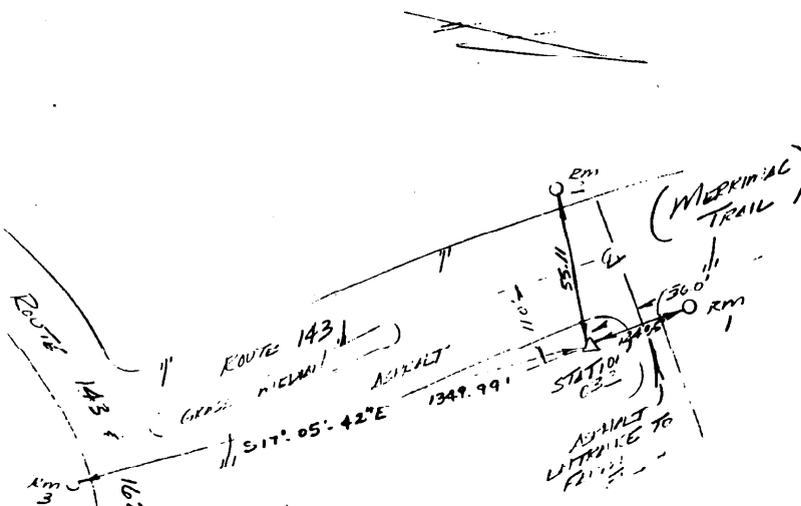
STATION NUMBER:

032

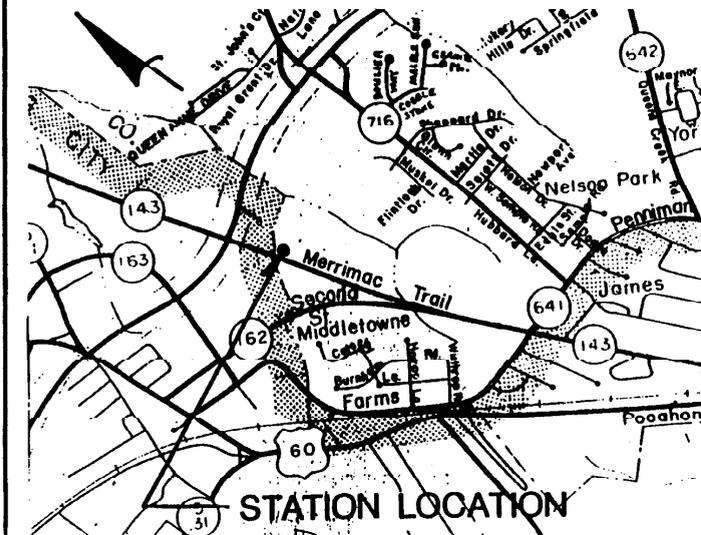
FIELD BOOKS

PS 321/47

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 4.0' East
OF THE STATION

RM1 WITNESS POST PLACED 2.5' North
OF THE MARK

RM2 WITNESS POST PLACED 3.5' Northwest
OF THE MARK

RM3 WITNESS POST PLACED 6.0' West
OF THE MARK

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

STATION DESCRIPTION

STATION 033-RESET: A 3/4" 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

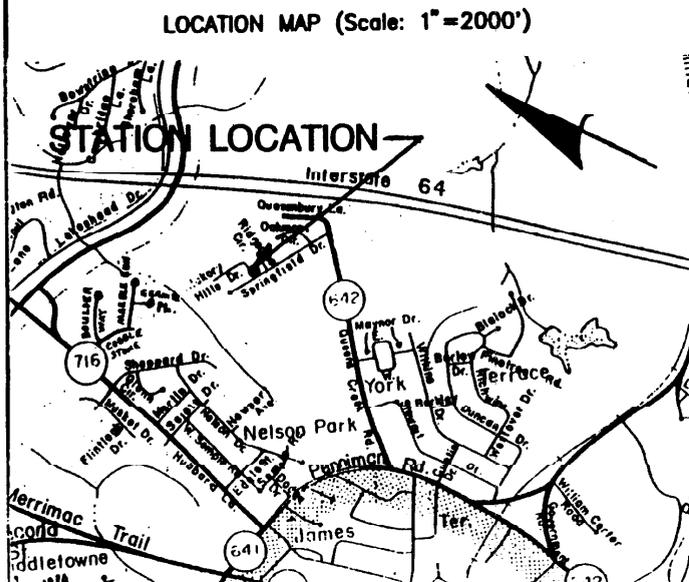
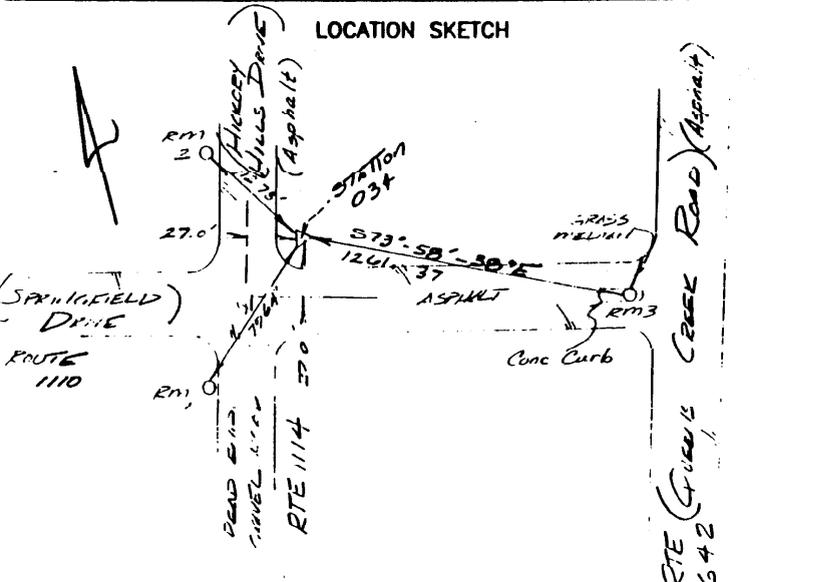
COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

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'

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'	-----

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
COUNTY/CITY YORK COUNTY	DISTRICT BRUTON
STATION NUMBER: <b style="font-size: 2em;">034	FIELD BOOKS PS 321/66



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	<u>3.5' North</u>
	OF THE STATION	
RM1	WITNESS POST PLACED	<u>2.0' South</u>
	OF THE MARK	
RM2	WITNESS POST PLACED	<u>4.0' South</u>
	OF THE MARK	
RM3	WITNESS POST PLACED	<u>7.5' Northwest</u>
	OF THE MARK	

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

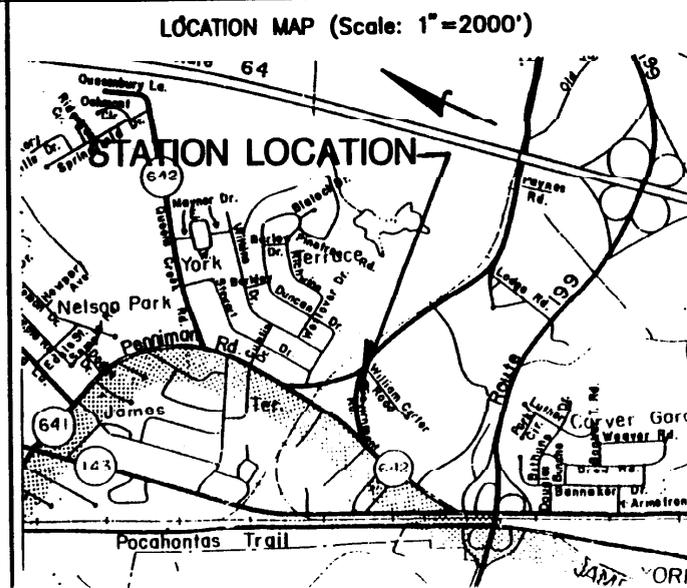
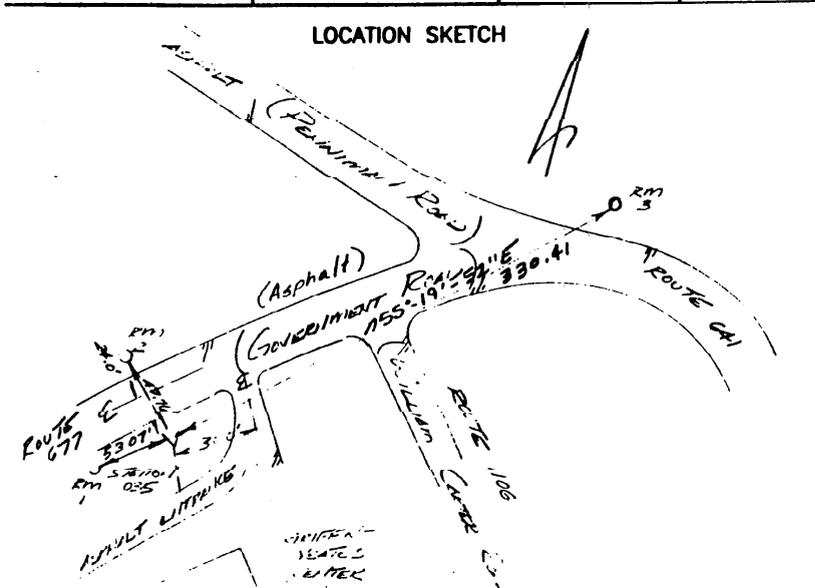
COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

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	

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'	-----

COUNTY/CITY YORK COUNTY	DISTRICT BRUTON
STATION NUMBER: <b style="font-size: 2em;">035	
FIELD BOOKS PS 321/67	



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

Station Name: 35

RM1 WITNESS POST PLACED 9.0' Northeast
OF THE MARK

Latitude (dms) 37 15 31.42673
Longitude (dms) 76 39 42.86784
State Plane Zone (4502) Virginia South

RM2 WITNESS POST PLACED 3.0' Northwest
OF THE MARK

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

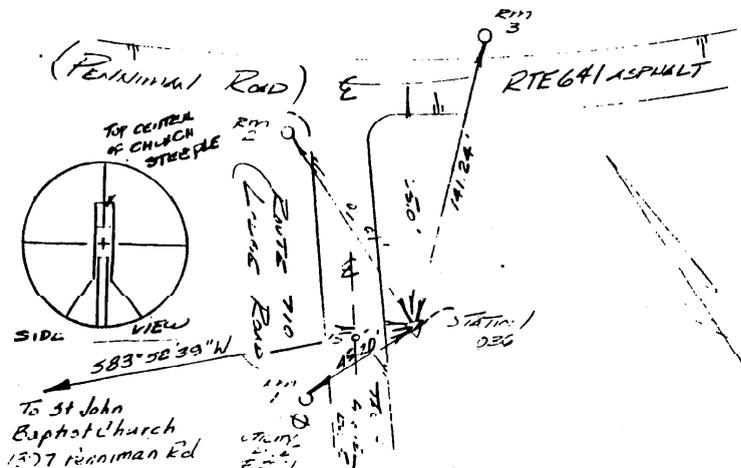
RM3 WITNESS POST PLACED 11.0' North
OF THE MARK

Scale .99994719
Convergence (dms) 1 6 56.102

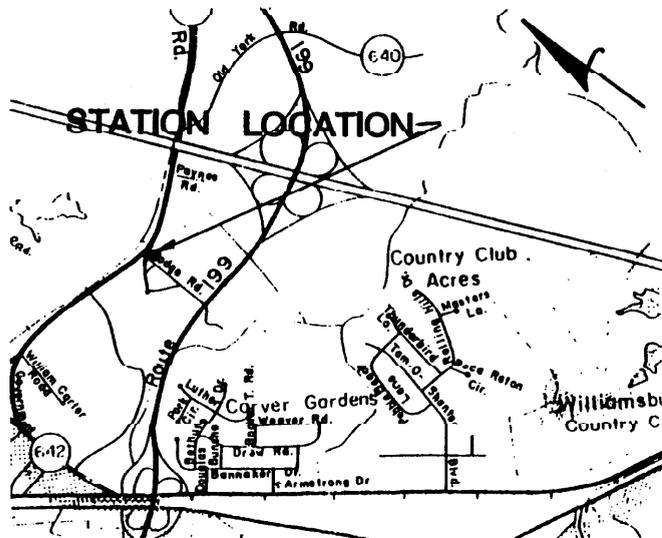
COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)
036	Meters	3663798.031	1104249.283	Elevation Of Station= 84.10'
	U S Survey ft.	12020310.708	3622857.854	
	Int'l ft.	12020334.749	3622865.100	
REFERENCE AND AZIMUTH MARK LOCATIONS				FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE
OBJECT	BEARING	DISTANCE	ELEVATION	COUNTY/CITY YORK COUNTY
RM1	S39°10'19"W	45.20'	----	DISTRICT BRUTON
RM2	N32°14'42"W	82.81'	----	
RM3	N26°26'31"E	141.24'	----	
CHURCH STEEPLE	S83°52'39"W	----	----	
				STATION NUMBER:
				036
				FIELD BOOKS
				PS 321/69 PS 327/24

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 6.0' South
OF THE STATION

RM1 WITNESS POST PLACED 2.0' South
OF THE MARK

RM2 WITNESS POST PLACED 12.5' West
OF THE MARK

RM3 WITNESS POST PLACED 2.0' North
OF THE MARK

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 2005 SUPPLEMENTAL SURVEY MARK REFERENCE AND RECOVERY DATA

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

STATION NO.	UNITS	NORTHING (Y)	EASTING (X)
037 RESET	Meters	1105333.304	3665060.899
	U.S. Survey Feet	3626414.349	12024453.965

VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation of Station = 84.00' GPS Derived

For Written Description & Additional Data
See Reverse Side

COUNTY/CITY YORK COUNTY	DISTRICT BRUTON
-------------------------	-----------------

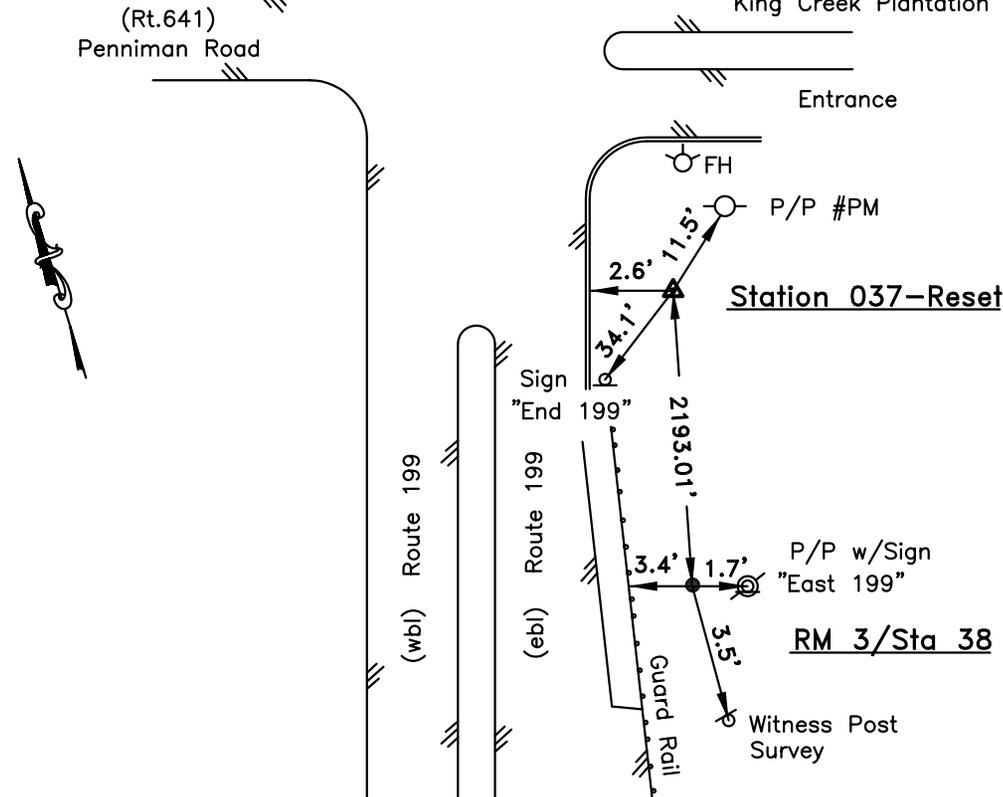
STATION NO.

037 - RESET

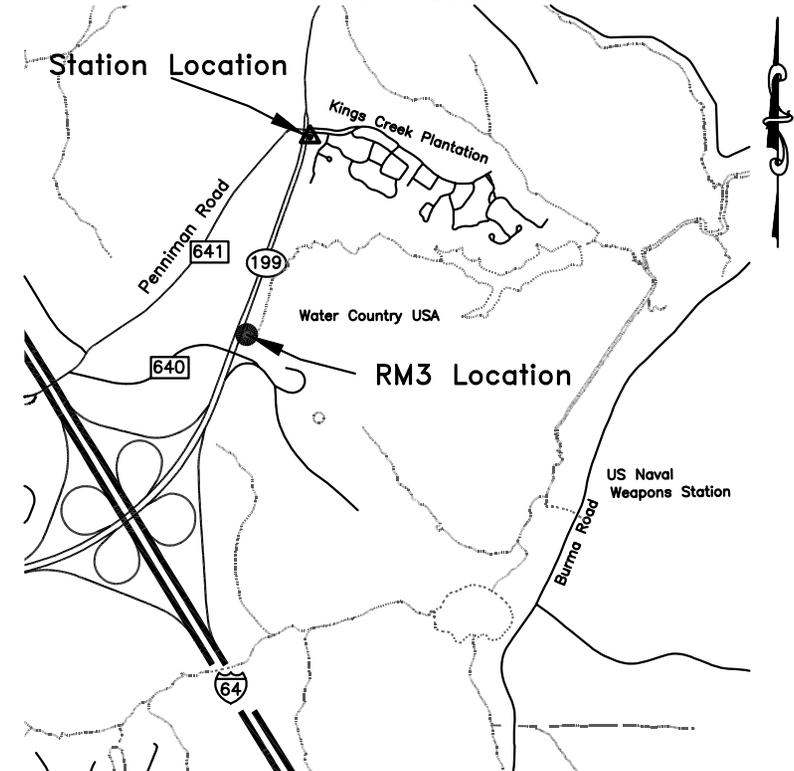
REFERENCE MARK LOCATIONS

OBJECT	BEARING	DISTANCE	ELEVATION
Sta 038 RM 3	S18°34'14"W	2193.01'	-----

LOCATION SKETCH
Not to Scale



LOCATION MAP
Scale 1"=2000'



STATION DESCRIPTION

Station: 037-Reset

A 3-1/4" Brass disk set in concrete, approximately 3" below the ground surface, stamped "STATION 037 RESET". The disk is located at the southeast intersection of Tranquility Drive and Route 199 (South Bypass), 2.6' east of the curb, 11.5' southwest of a utility pole, 34.1' north of a street sign ("End 199").

Reference Mark No. 1:

Destroyed with construction of entrance to Kings Creek Plantation

Reference Mark No. 2:

Destroyed

Station: 038

Reference Mark No. 3:

A 2" Aluminum 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, 3.4' east of a guard rail. This is the RM 3 for Station 038,

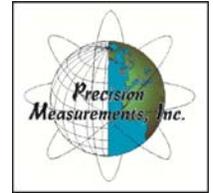
Station Name: 037-Reset

Latitude (dms)	37°16'04.21764"
Longitude (dms)	76°38'19.89374"
State Plane Zone (4502) Virginia South	
Easting (X) in meters	3665060.899
Northing (Y) in meters	1105333.304
Easting (X) in U.S. Survey Feet	12024453.965
Northing (Y) in U.S. Survey Feet	3626414.349
Scale	0.999946906
Convergence (dms)	01°07'46.46096"



Precision Measurements Inc.

Surveyors * GPS * GIS * 3D Scanning * Mappers
Newport News, VA



Station 037 Reset

Close-up View



View Looking North



COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

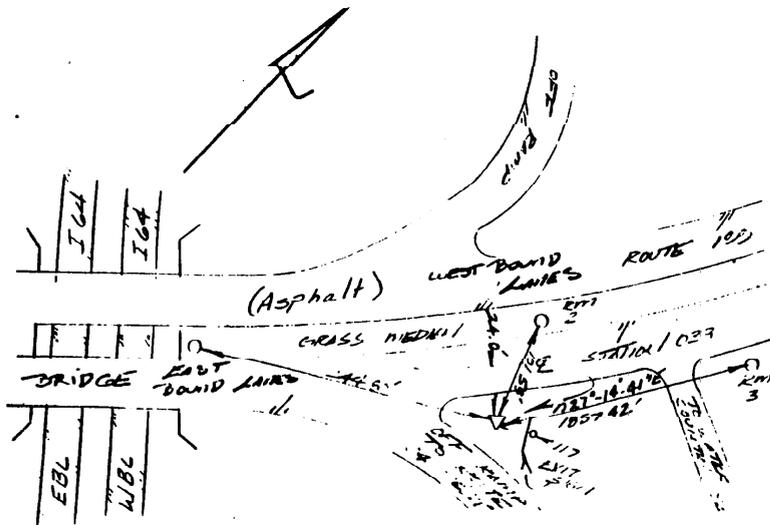
VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)			
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)
038	Meters	3664588.867	1104196.357
	U S Survey ft.	12022905.306	3622684.216
	Int'l ft.	12022929.352	3622691.461

VERTICAL DATA	
Elevations refer to National Geodetic Vertical Datum (1929)	
Elevation Of Station= 99.99'	
FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	

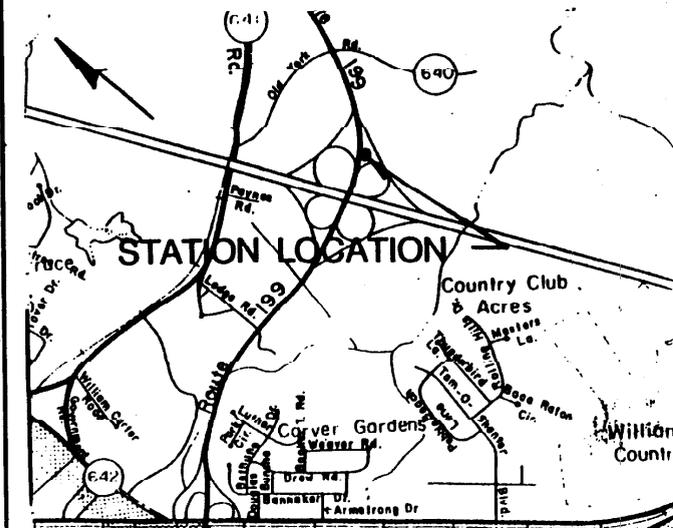
REFERENCE AND AZIMUTH MARK LOCATIONS			
OBJECT	BEARING	DISTANCE	ELEVATION
RM1	S63°05'39"W	244.80'	-----
RM2	N02°08'13"W	101.58'	-----
RM3	N27°14'41"E	1,857.42'	-----

COUNTY/CITY	DISTRICT	FIELD BOOK: PS 321/72
YORK COUNTY	BRUTON	
STATION NUMBER:		
038		

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

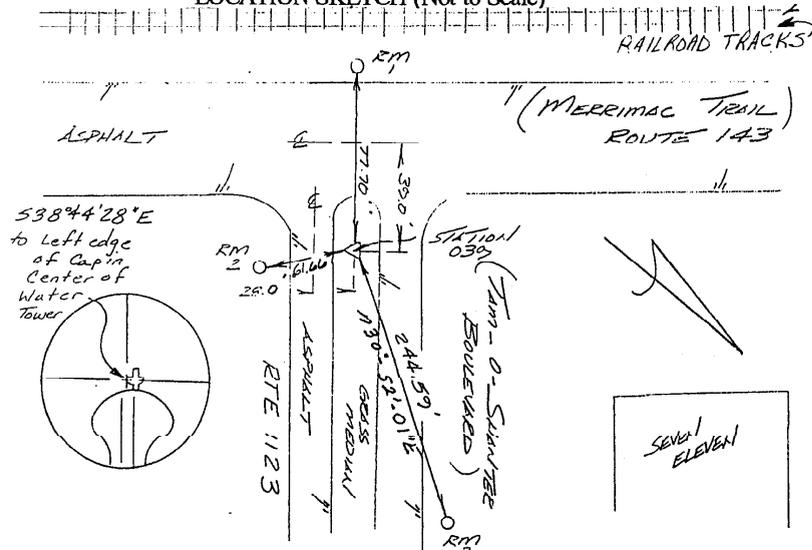
Station Name: 38

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

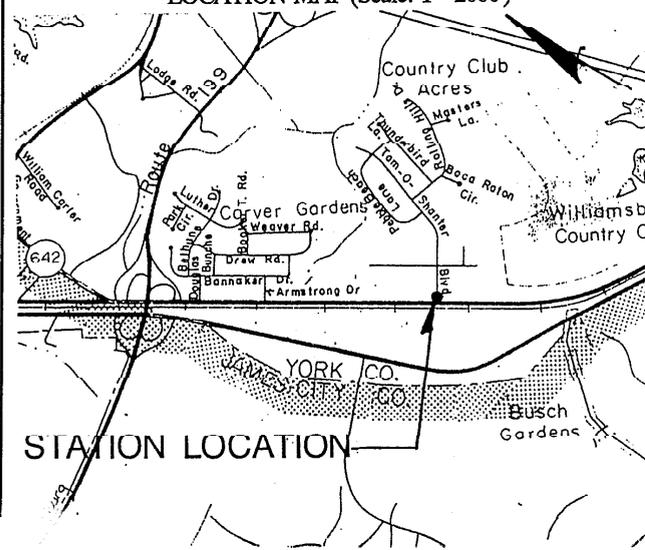
COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA APRIL 1990 SUPPLEMENT

VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
039	Meters	3664002.702	1102619.413	Elevation of Station = 89.75'	
	U.S. Survey Ft.	12020982.199	3617510.523	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l Ft.	12021006.241	3617511.758		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY YORK COUNTY	DISTRICT BRUTON
OBJECT	BEARING	DISTANCE	ELEVATION	STATION NUMBER	FIELD BOOKS
RM1	S45°38'17"W	77.70'	---	039	PS 321/74 PS 327/25
RM2	S53°11'36"E	61.66'	---		
RM3	N30°52'01"E	244.59'	---		
Water Tower	S38°44'28"E	--	---		

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.

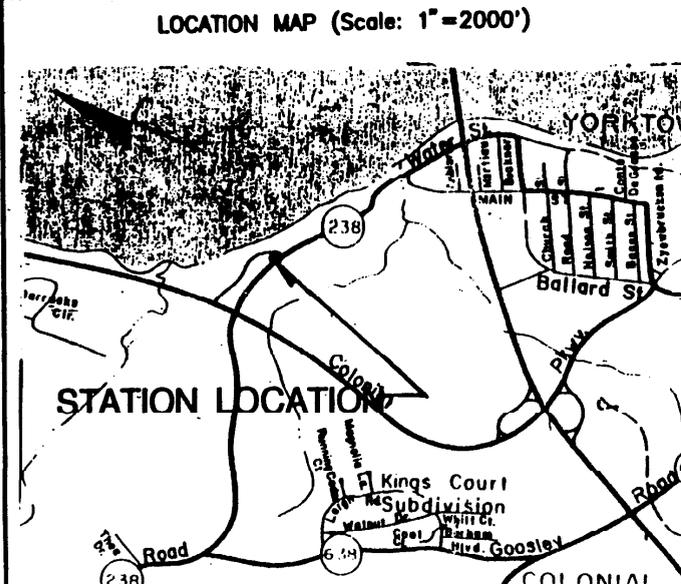
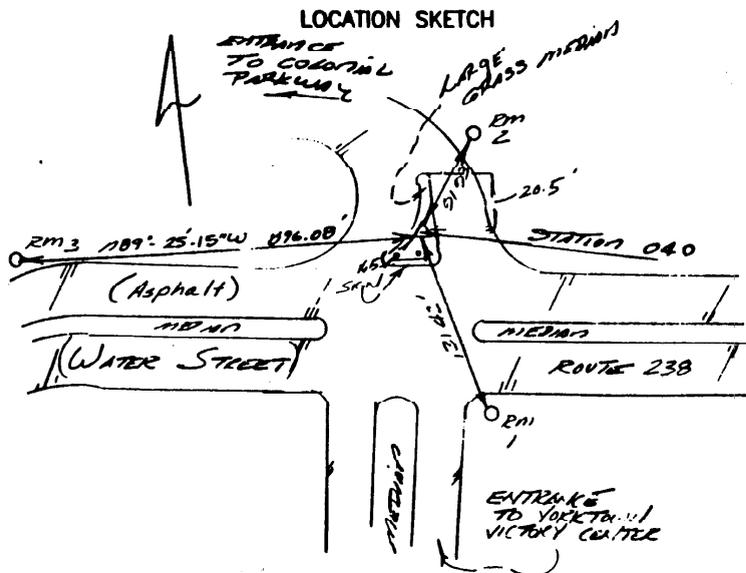
- STA 039 WITNESS POST PLACED 9.0' North
OF THE STATION
- RM1 WITNESS POST PLACED 20.0' Southwest
OF THE MARK
- RM2 WITNESS POST PLACED 2.0' South
OF THE MARK
- RM3 WITNESS POST PLACED 5.0' Northeast
OF THE MARK

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)				VERTICAL DATA	
STATION NO.	UNITS	EASTING (X)	NORTHING (Y)	Elevations refer to National Geodetic Vertical Datum (1929)	
040	Meters	3675797.455	1102452.776	Elevation Of Station= 46.69'	
	U S Survey ft.	12059678.815	3616963.817	FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE	
	Int'l ft.	12059702.935	3616971.051		
REFERENCE AND AZIMUTH MARK LOCATIONS				COUNTY/CITY YORK COUNTY	DISTRICT NELSON
OBJECT	BEARING	DISTANCE	ELEVATION	STATION NUMBER: 040	
RM1	S21°46'03"E	131.42'	---		
RM2	N14°45'55"E	91.93'	---		
RM3	N89°25'15"W	896.08'	---		
				FIELD BOOKS PS 323/79	



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

Station Name: 40

RM1 WITNESS POST PLACED 3.0' West
OF THE MARK

Latitude (dms) 37 14 23.70683

Longitude (dms) 76 31 6.65642

State Plane Zone (4502) Virginia South

RM2 WITNESS POST PLACED 2.0' North
OF THE MARK

Easting (X) in meters 3675797.455

Northing(Y) in meters 1102452.776

Easting (X) in US Survey ft 12059678.815

RM3 WITNESS POST PLACED 3.0' North
OF THE MARK

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