# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

## VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

| STATION NO. | UNITS | EASTING (X) | NORTHING (Y) |
|---|---|---|---|
| 081 | Meters | 3682565.829 | 1096581.633 |
| | U S Survey ft. | 12081884.724 | 3597701.574 |
| | Int'l ft. | 12081908.888 | 3597708.769 |

## VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 10.49'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

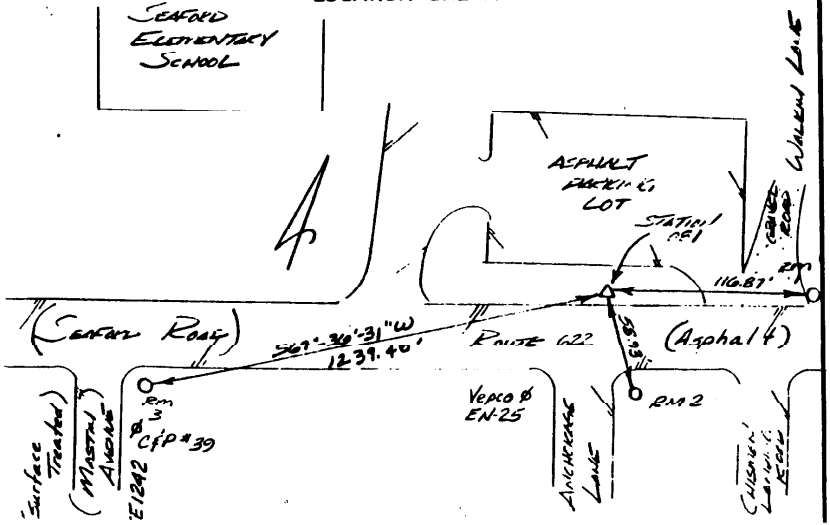
STATION NUMBER: **081**

FIELD BOOKS: PS 324/59

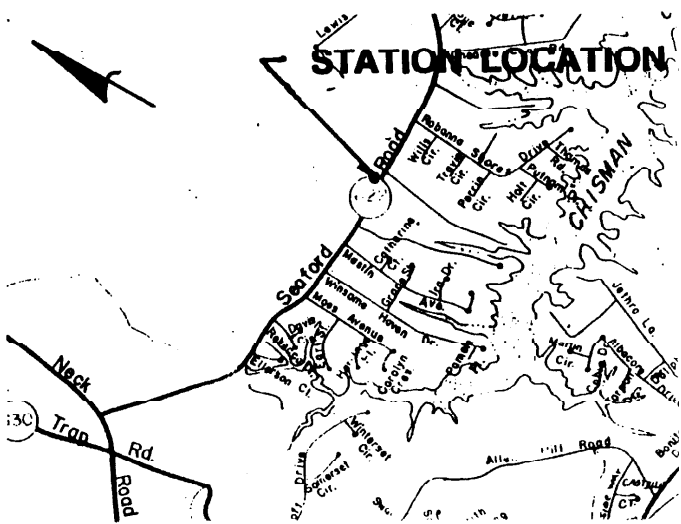
## REFERENCE AND AZIMUTH MARK LOCATIONS

| OBJECT | BEARING | DISTANCE | ELEVATION |
|---|---|---|---|
| RM1 | N73°48'21"E | 116.87' | — — — |
| RM2 | S04°03'43"E | 58.93' | — — — |
| RM3 | S69°36'31"W | 1,239.40' | — — — |
| | | | |

## LOCATION SKETCH




## LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

**STATION 081:** A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 081". The disk is located in a grass median adjacent to Seaford Elementary School, immediately south of the eastern parking lot, 13.0' north of the edge of the pavement of Route 622 (Seaford Road), 52.0' west of an underground telephone manhole cover.

**REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 11.0' north of the edge of the pavement of Route 622 (Seaford Road), 1.5' east of the street sign.

**REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 13.0' south of the edge of the pavement of Route 622 (Seaford Road), 35.0' east of utility pole #EN-25.

**REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located at the southeast corner of the intersection of Routes 622 (Seaford Road) and 1242 (Mastin Lane), 13.5' south of the edge of the pavement of Route 622, 5.0' northeast of utility pole #39.

| | | |
|---|---|---|
| STA 081 | WITNESS POST PLACED OF THE STATION | 6.0' Northwest |
| RM1 | WITNESS POST PLACED OF THE MARK | 2.0' West |
| RM2 | WITNESS POST PLACED OF THE MARK | 8.0' South |
| RM3 | WITNESS POST PLACED OF THE MARK | 5.0' South |

Station Name: 81

| | |
|---|---|
| Latitude (dms) | 37 11 8.59853 |
| Longitude (dms) | 76 26 37.28942 |
| State Plane Zone (4502) Virginia South | |
| Easting (X) in meters | 3682565.829 |
| Northing(Y) in meters | 1096581.633 |
| Easting (X) in US Survey ft | 12081884.724 |
| Northing(Y) in US Survey ft | 3597701.574 |
| Easting (X) in international ft | 12081908.888 |
| Northing(Y) in international ft | 3597708.769 |
| Scale | .99995041 |
| Convergence (dms) | 1 14 52.889 |

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

## VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983)

| STATION NO. | UNITS | EASTING (X) | NORTHING (Y) |
|---|---|---|---|
| 082 | Meters | 3683620.228 | 1097715.124 |
| | U S Survey ft. | 12085344.032 | 3601420.369 |
| | Int'l ft. | 12085368.203 | 3601427.572 |

## VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 7.49'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

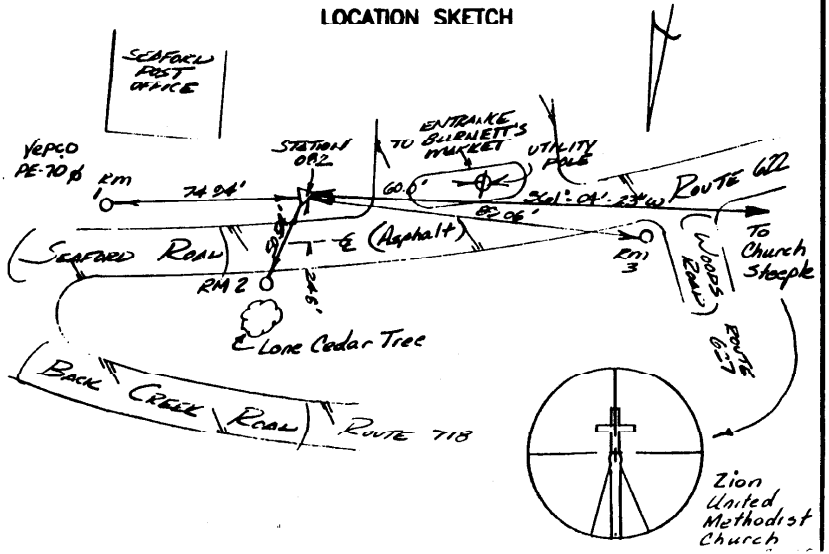
STATION NUMBER: **082**

FIELD BOOKS: PS 323/24

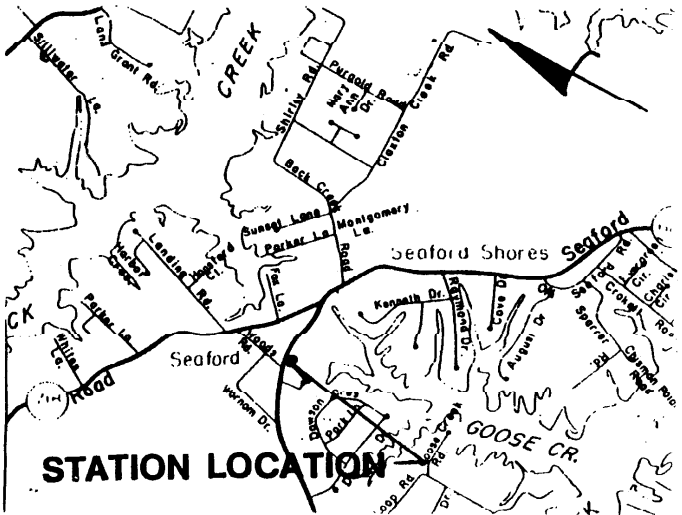
## REFERENCE AND AZIMUTH MARK LOCATIONS

| OBJECT | BEARING | DISTANCE | ELEVATION |
|---|---|---|---|
| RM1 | N66°36'54"E | 74.94' | — — — |
| RM2 | N13°31'55"E | 50.54' | — — — |
| RM3 | N83°42'43"W | 89.06' | — — — |
| CHURCH STEEPLE | S61°04'23"W | ---- | — — — |

## LOCATION SKETCH




## LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

**STATION 082:** A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 082". The disk is located 15.0' southeast of the edge of the pavement of Route 622 (Seaford Road) in between Burnett's Market and the Seaford Post Office.

**REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located in front of the Seaford Post Office building, 18.0' southeast of the edge of the pavement of Route 622 (Seaford Road), 1.0' southwest of utility pole #PE-70.

**REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 3.5' northwest of the edge of the pavement of Route 622 (Seaford Road), 6.0' south of a cedar tree.

**REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 28.5' northwest of the center line of Route 622 (Seaford Road), 1.5' northeast of the street sign.

| | | |
|---|---|---|
| STA 082 | WITNESS POST PLACED OF THE STATION | 3.5' Southeast |
| RM1 | WITNESS POST PLACED OF THE MARK | 3.0' Northeast |
| RM2 | WITNESS POST PLACED OF THE MARK | 5.0' Northeast |
| RM3 | WITNESS POST PLACED OF THE MARK | 2.0' West |

Station Name: 82

| | |
|---|---|
| Latitude (dms) | 37 11 44.61250 |
| Longitude (dms) | 76 25 53.54222 |
| State Plane Zone (4502) Virginia South | |
| Easting (X) in meters | 3683620.228 |
| Northing(Y) in meters | 1097715.124 |
| Easting (X) in US Survey ft | 12085344.032 |
| Northing(Y) in US Survey ft | 3601420.369 |
| Easting (X) in international ft | 12085368.203 |
| Northing(Y) in international ft | 3601427.572 |
| Scale | .99994987 |
| Convergence (dms) | 1 15 19.440 |

# 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) |
| 083 | Meters | 3685085.366 | 1097194.464 |
| | U.S. Survey Ft. | 12090150.904 | 3599712.170 |
| | Int'l Ft. | 12090175.084 | 3599719.369 |

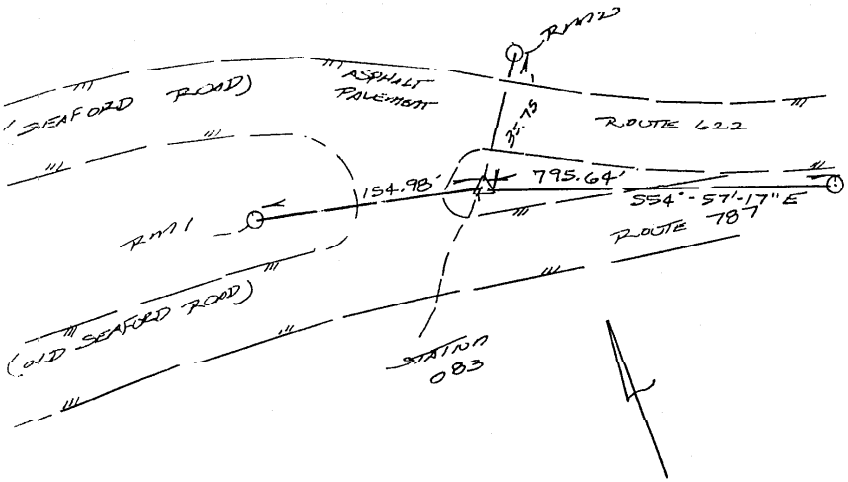
| VERTICAL DATA |
|---|
| Elevations refer to National Geodetic Vertical Datum (1929) |
| Elevation of Station = 6.37' |
| FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE |

| REFERENCE AND AZIMUTH MARK LOCATIONS | | | |
|---|---|---|---|
| OBJECT | BEARING | DISTANCE | ELEVATION |
| RM1 | N71°55'39"W | 154.98' | --- |
| RM2 | N24°18'58"E | 35.75' | --- |
| RM3 | S54°57'17"E | 795.64' | --- |
| | | | |

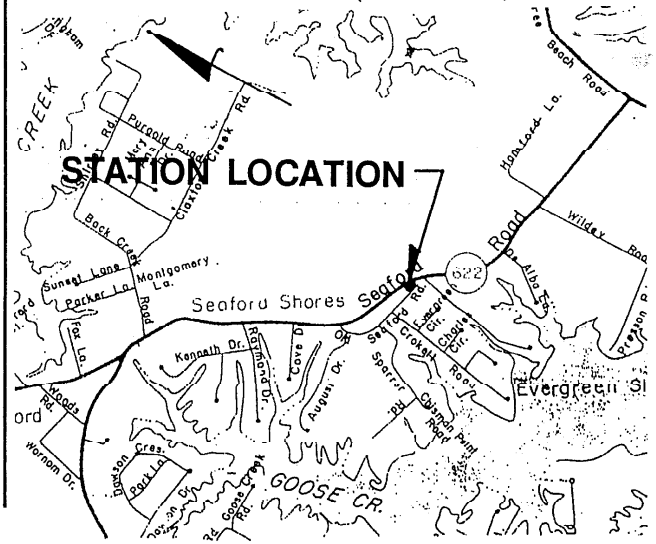
| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

| STATION NUMBER | FIELD BOOKS |
|---|---|
| 083 | PS 323/30 |

LOCATION SKETCH (Not to Scale)




LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

STATION 083: A 3¼" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 083". The disk is located on Route 622 (Seaford Road), east of Route 787 (Old Seaford Road), 5.5' south of the edge of the pavement of Route 622, 24.5' west of utility pole #AC–62.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 31.0' south of the center line of Route 622 (Seaford Road), 40.5' west of the center line of Route 787 (Old Seaford Road).

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 19.0' north of the center line of Route 622 (Seaford Road), opposite STATION 083.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 6.5' south of the edge of the pavement of Route 622 (Seaford Road), 16.0' east of utility pole #35.

| | |
|---|---|
| STA 083–RESET | WITNESS POST PLACED 24.0' SOUTHEAST OF THE STATION |
| RM1 | WITNESS POST PLACED 9.5' WEST OF THE MARK |
| RM2 | WITNESS POST PLACED 7.5' NORTHEAST OF THE MARK |
| RM3 | WITNESS POST PLACED 3.0' SOUTHWEST OF THE MARK |

STATION NAME: 083

| | | | |
|---|---|---|---|
| Latitude (dms) | 37 | 11 | 26.68119 |
| Longitude (dms) | 76 | 24 | 54.61112 |
| State Plane Zone (4502) Virginia South | | | |
| Easting (X) in meters | | | 3685085.366 |
| Northing (Y) in meters | | | 1097194.464 |
| Easting (X) in US Survey ft. | | | 12090150.904 |
| Northing (Y) in US Survey ft. | | | 3599712.170 |
| Easting (X) in international ft. | | | 12090175.084 |
| Northing (Y) in international ft. | | | 3599719.369 |
| Scale | .99995013 | | |
| Convergency (dms) | 1 | 15 | 55.207 |
| YO | 1114764.183 | | |

# 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) |
| 084 | Meters | 3686281.734 | 1097178.012 |
| | U.S. Survey Ft. | 12094075.990 | 3599658.194 |
| | Int'l Ft. | 12094100.178 | 3599665.393 |

| REFERENCE AND AZIMUTH MARK LOCATIONS | | | |
|---|---|---|---|
| OBJECT | BEARING | DISTANCE | ELEVATION |
| RM1 | S09°29'02"W | 96.46' | ---- |
| RM2 | N38°42'55"W | 85.03' | ---- |
| RM3 | S83°10'56"W | 1846.61' | ---- |
| | | | |

**VERTICAL DATA**

Elevations refer to National Geodetic Vertical Datum (1929)

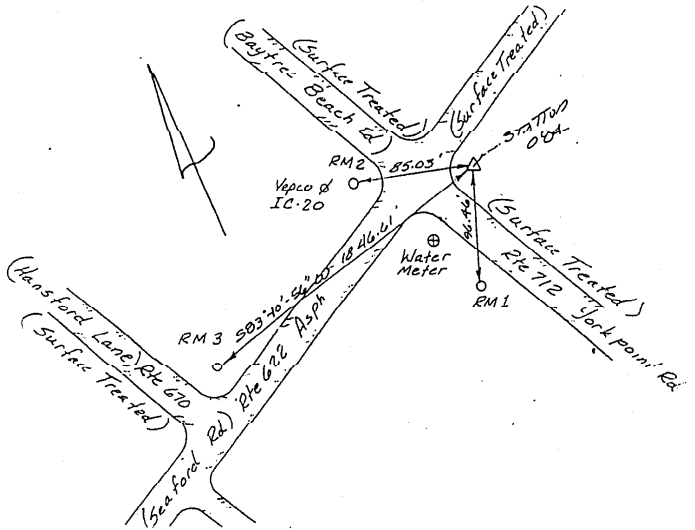
Elevation of Station = 4.50'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

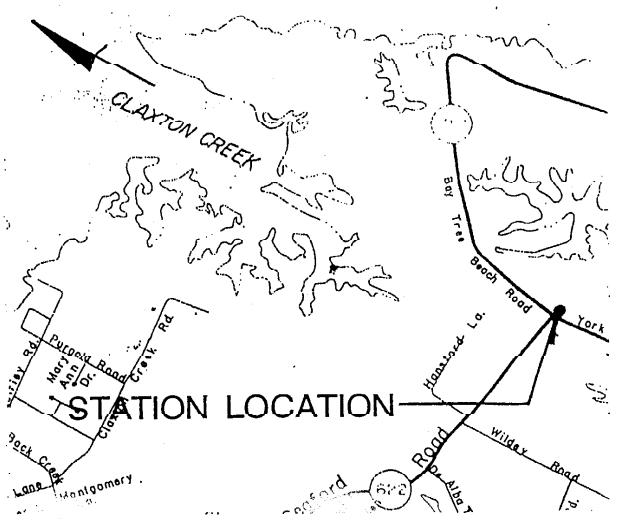
| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

| STATION NUMBER | FIELD BOOKS |
|---|---|
| 084 | PS 323/33<br>PS 323/34 |

LOCATION SKETCH (Not to Scale)




LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

STATION 084: A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 084". The disk is located at the southeast corner of the intersection of Routes 622 (Seaford Road) and 712 (Bay Tree Beach Road), 28.5' east of the center line of Route 712, 27.5' south of the center line of Route 622.

REFERENCE MARK NO. 1: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 20.0' west of the center line of Route 712 (York Point Road), 66.0' south of the southern edge of a steel manhole cover for a water pipeline.

REFERENCE MARK NO. 2: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 17.0' west of the center line of Route 712 (Bay Tree Beach Road), 17.0' southeast of utility pole #IC-20.

REFERENCE MARK NO. 3: A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located at the northeast corner of the intersection of Routes 622 (Seaford Road) and 670 (Hansford Lane), 1.5' south of the street sign, 11.0' west of utility pole #EB-99, 27.0' north of the center line of Route 622.

STA 084 WITNESS POST PLACED 7.0' Northeast OF THE STATION

RM1 WITNESS POST PLACED 12.5' West OF THE MARK

RM2 WITNESS POST PLACED 17.0' Southwest OF THE MARK

RM3 WITNESS POST PLACED 11.0' East OF THE MARK

Station Name: 84

| | |
|---|---|
| Latitude (dms) | 37 11 25.28785 |
| Longitude (dms) | 76 24 6.12798 |
| State Plane Zone (4502) Virginia South | |
| Easting (X) in meters | 3686281.734 |
| Northing(Y) in meters | 1097178.012 |
| Easting (X) in US Survey ft | 12094075.990 |
| Northing(Y) in US Survey ft | 3599658.194 |
| Easting (X) in international ft | 12094100.178 |
| Northing(Y) in international ft | 3599665.393 |
| Scale | .99995016 |
| Convergence (dms) | 1 16 24.633 |

# STATION 085

# INTENTIONALLY OMITTED

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

| VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983) | | | |
|---|---|---|---|
| STATION NO. | UNITS | EASTING (X) | NORTHING (Y) |
| 086 | Meters | 3687045.033 | 1095654.805 |
| | U S Survey ft. | 12096580.246 | 3594660.806 |
| | Int'l ft. | 12096604.439 | 3594667.996 |

## VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 5.74'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

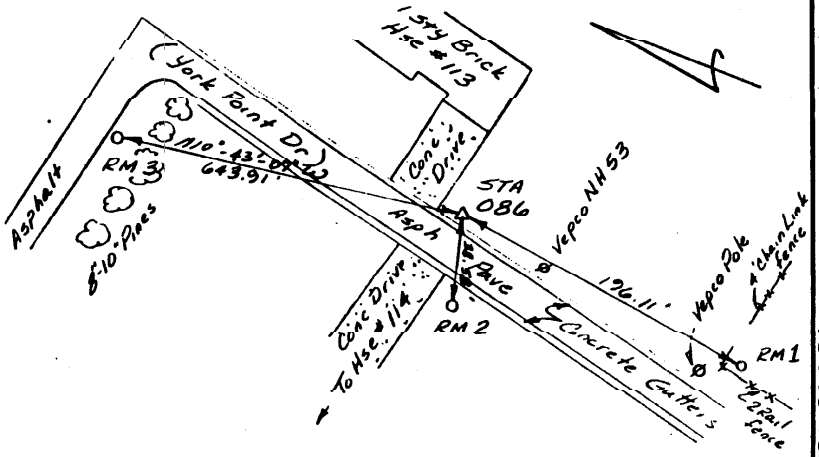
STATION NUMBER: **086**

FIELD BOOKS: PS 324/73

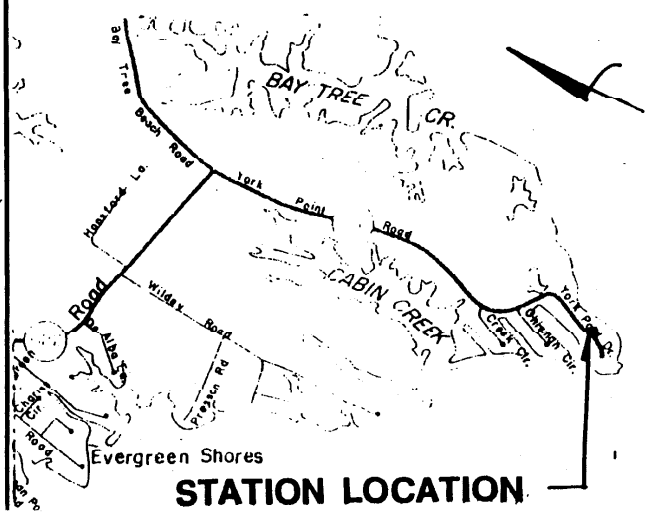
## REFERENCE AND AZIMUTH MARK LOCATIONS

| OBJECT | BEARING | DISTANCE | ELEVATION |
|---|---|---|---|
| RM1 | S08°30'50"E | 196.11' | — — — |
| RM2 | S64°46'30"W | 38.58' | — — — |
| RM3 | N10°43'07"W | 643.91' | — — — |
| | | | |

## LOCATION SKETCH




## LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

**STATION 086:** A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 086". The disk is located 1.5' east of the edge of the concrete gutter pan adjacent to Route 712 (York Point Drive), 2.0' south of the edge of the concrete driveway at #113 York Point Drive (one-story brick residence).

**REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 4.0' southeast of the adjacent utility pole, 1.0' south of the line (projected) of the chain link fence at #119 York Point Drive (two-story brick residence).

**REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 2.0' west of the edge of the concrete gutter pan adjacent to Route 712 (York Point Drive), 4.0' south of the edge of the concrete driveway at #114 York Point Drive (one-story brick residence).

**REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 3.5' south of the edge of the pavement of Route 712 (York Point Road), 87.0' east of utility pole #20.

| | | |
|---|---|---|
| STA 086 | WITNESS POST PLACED OF THE STATION | 43.5' Northeast |
| RM1 | WITNESS POST PLACED OF THE MARK | 3.5' Northwest |
| RM2 | WITNESS POST PLACED OF THE MARK | 2.0' West |
| RM3 | WITNESS POST PLACED OF THE MARK | 10.0' South |

Station Name: 86

| | |
|---|---|
| Latitude (dms) | 37 10 35.33654 |
| Longitude (dms) | 76 23 36.56390 |
| State Plane Zone (4502) Virginia South | |
| Easting (X) in meters | 3687045.033 |
| Northing(Y) in meters | 1095654.805 |
| Easting (X) in US Survey ft | 12096580.246 |
| Northing(Y) in US Survey ft | 3594660.806 |
| Easting (X) in international ft | 12096604.439 |
| Northing(Y) in international ft | 3594667.996 |
| Scale | .99995093 |
| Convergence (dms) | 1 16 42.576 |

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

| VIRGINIA STATE PLANE COORDINATES–SOUTH ZONE (NAD 1983) | | | |
|---|---|---|---|
| STATION NO. | UNITS | EASTING (X) | NORTHING (Y) |
| 087 | Meters | 3681088.042 | 1095478.579 |
| | U S Survey ft. | 12077036.351 | 3594082.637 |
| | Int'l ft. | 12077060.505 | 3594089.825 |

| VERTICAL DATA |
|---|
| Elevations refer to National Geodetic Vertical Datum (1929) |
| Elevation Of Station= 28.86' |

FOR WRITTEN DESCRIPTION &
ADDITIONAL DATA SEE REVERSE SIDE

| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

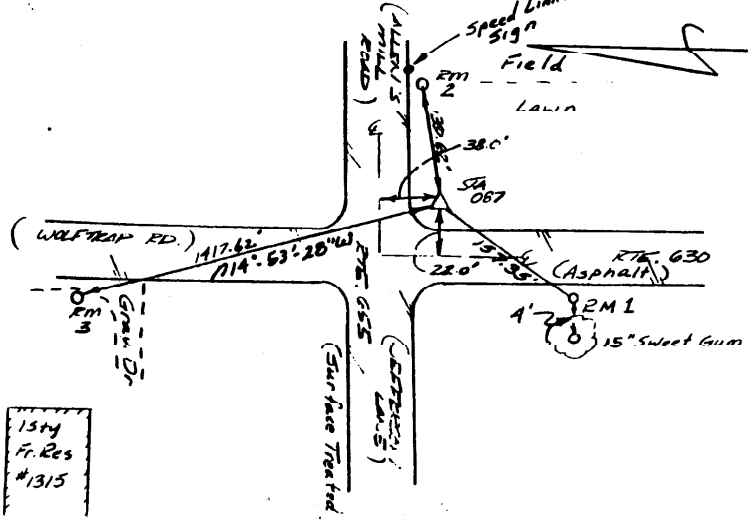
STATION NUMBER: **087**

FIELD BOOKS: PS 320/64

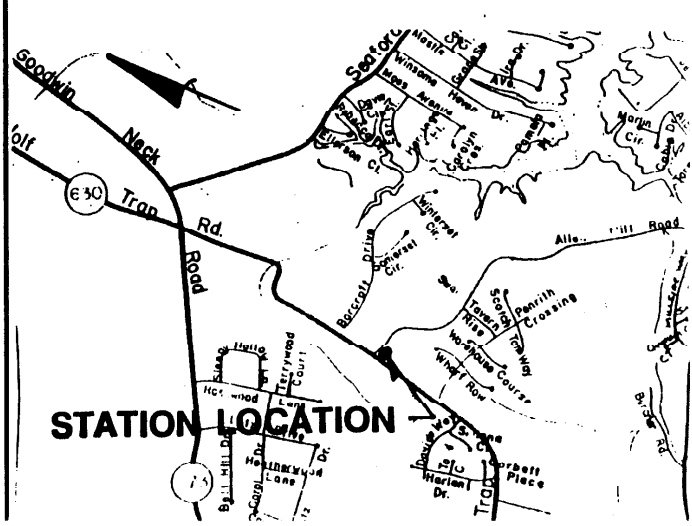
REFERENCE AND AZIMUTH MARK LOCATIONS

| OBJECT | BEARING | DISTANCE | ELEVATION |
|---|---|---|---|
| RM1 | S00°10'05"W | 157.35' | ——— |
| RM2 | N74°23'45"E | 139.62' | ——— |
| RM3 | N14°53'28"W | 1,417.62' | ——— |
| | | | |

LOCATION SKETCH




LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

**STATION 087:** A 3-1/4" disk in concrete, approximately 3" below the ground surface, stamped "STATION NO. 087". The disk is located at the southeast corner of the intersection of Routes 630 (Wolftrap Road) and 655 (Allen's Mill Road), 22.0' east of the center line of Route 630, 28.5' southwest of a fire hydrant (red and white).

**REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 5.5' west of the edge of the pavement of Route 630 (Wolftrap Road), 4.0' east of a 15" sweet gum tree.

**REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located east of STATION 087, 10.5' south of the edge of the pavement of Route 655 (Allen's Mill Road).

**REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 26.5' west of the edge of the pavement of Route 630 (Wolftrap Road), 29.5' south of utility pole #WJ-13.

| | | |
|---|---|---|
| STA 087 | WITNESS POST PLACED OF THE STATION | 8.5' Northeast |
| RM1 | WITNESS POST PLACED OF THE MARK | 2.5' West |
| RM2 | WITNESS POST PLACED OF THE MARK | 4.0' Southeast |
| RM3 | WITNESS POST PLACED OF THE MARK | 4.5' Northwest |

Station Name: 87

| | |
|---|---|
| Latitude (dms) | 37 10 33.86417 |
| Longitude (dms) | 76 27 38.15835 |
| State Plane Zone (4502) Virginia South | |
| Easting (X) in meters | 3681088.042 |
| Northing(Y) in meters | 1095478.579 |
| Easting (X) in US Survey ft | 12077036.351 |
| Northing(Y) in US Survey ft | 3594082.637 |
| Easting (X) in international ft | 12077060.505 |
| Northing(Y) in international ft | 3594089.825 |
| Scale | .99995095 |
| Convergence (dms) | 1 14 15.946 |

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

## VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

| STATION NO. | UNITS | EASTING (X) | NORTHING (Y) |
|---|---|---|---|
| 088 | Meters | 3681791.220 | 1095441.758 |
| | U S Survey ft. | 12079343.362 | 3593961.834 |
| | Int'l ft. | 12079367.521 | 3593969.022 |

## VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 10.88'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

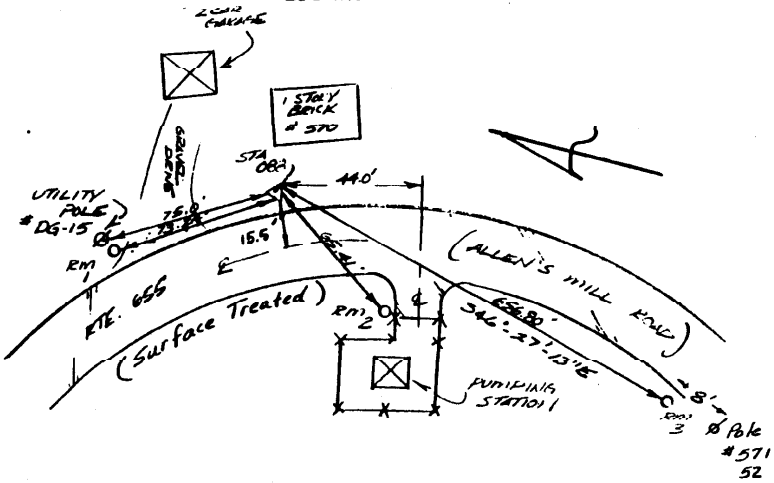
STATION NUMBER: **088**

FIELD BOOKS: PS 320/68

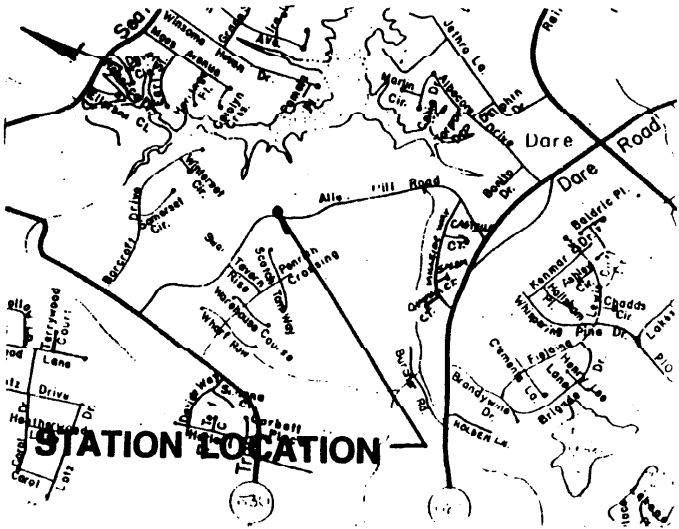
## REFERENCE AND AZIMUTH MARK LOCATIONS

| OBJECT | BEARING | DISTANCE | ELEVATION |
|---|---|---|---|
| RM1 | N53°28'11"W | 73.24' | ——— |
| RM2 | S09°06'40"W | 65.41' | ——— |
| RM3 | S46°27'13"E | 656.80' | ——— |
| | | | |

## LOCATION SKETCH




## LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

**STATION 088:** A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 088". The disk is located 15.5' north of the center line of Route 655 (Allen's Mill Road), 40.5' east of a fire hydrant (red and white).

**REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 1" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 1.5' east of utility pole #DG-15, 21.0' north of the center line of Route 655 (Allen's Mill Road).

**REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 1.0' west of the northwest corner of the chain link fence of the York County utility pump station, 42.0' south of the center line of Route 655 (Allen's Mill Road).

**REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 13.0' south of the edge of the pavement of Route 655 (Allen's Mill Road), 8.0' west of utility pole #571-52.

| | | |
|---|---|---|
| STA 088 | WITNESS POST PLACED OF THE STATION | 35.5' Southwest |
| RM1 | WITNESS POST PLACED OF THE MARK | 3.0' Northwest |
| RM2 | WITNESS POST PLACED OF THE MARK | 6.5' Southwest |
| RM3 | WITNESS POST PLACED OF THE MARK | 4.0' West |

Station Name: 88

| | |
|---|---|
| Latitude (dms) | 37 10 32.17630 |
| Longitude (dms) | 76 27 9.69072 |
| State Plane Zone (4502) Virginia South | |
| Easting (X) in meters | 3681791.220 |
| Northing(Y) in meters | 1095441.758 |
| Easting (X) in US Survey ft | 12079343.362 |
| Northing(Y) in US Survey ft | 3593961.834 |
| Easting (X) in international ft | 12079367.521 |
| Northing(Y) in international ft | 3593969.022 |
| Scale | .99995098 |
| Convergence (dms) | 1 14 33.224 |

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

## VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983)

| STATION NO. | UNITS | EASTING (X) | NORTHING (Y) |
|---|---|---|---|
| 089 | Meters | 3680929.631 | 1093577.397 |
| | U S Survey ft. | 12076516.632 | 3587845.178 |
| | Int'l ft. | 12076540.785 | 3587852.354 |

## VERTICAL DATA

Elevations refer to National Geodetic Vertical Datum (1929)

Elevation Of Station= 56.17'

FOR WRITTEN DESCRIPTION & ADDITIONAL DATA SEE REVERSE SIDE

| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

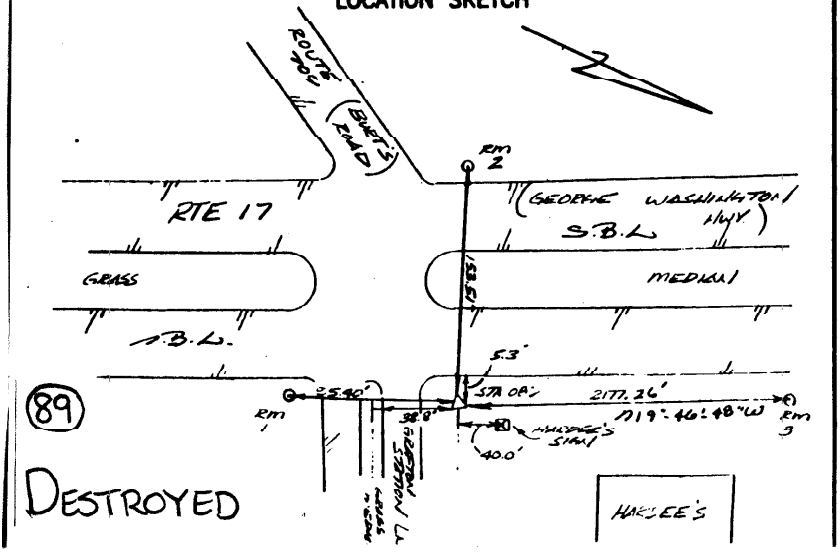
STATION NUMBER: **089**

FIELD BOOKS: PS 320/46

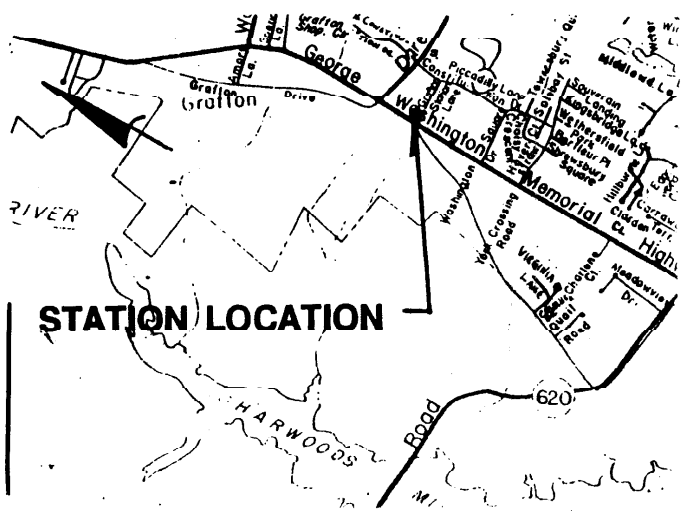
## REFERENCE AND AZIMUTH MARK LOCATIONS

| OBJECT | BEARING | DISTANCE | ELEVATION |
|---|---|---|---|
| RM1 | S22°55'44"E | 95.40' | ——— |
| RM2 | S73°21'53"W | 153.51' | ——— |
| RM3 | N19°46'48"W | 2,177.26' | ——— |
| | | | |

## LOCATION SKETCH




## LOCATION MAP (Scale: 1" = 2000')



## STATION DESCRIPTION

**STATION 089:** A 3-1/4" disk in concrete, approximately 1" below the ground surface, stamped "STATION NO. 089". The disk is located at the northeast corner of the intersection of Route 17 (George Washington Highway) and Grafton Station Lane, 40.0' south of the "Hardee's" sign, 31.5' west of the lamp 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 38.0' south of the center line of the eastbound lane of Grafton Station Lane, 45.5' east of the edge of the concrete pavement of the northbound lanes of Route 17 (George Washington Highway).

**REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 21.0' southwest of utility pole #VJ-25, 17.0' east of utility pole #VJ-05.

**REFERENCE MARK NO. 3:** A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 3". The disk is located 15.0' east of the edge of the concrete pavement of the northbound lanes of Route 17 (George Washington Highway), 3.5' northwest of utility pole #MV-58.

| | | |
|---|---|---|
| STA 089 | WITNESS POST PLACED OF THE STATION | 30.0' East |
| RM1 | WITNESS POST PLACED OF THE MARK | 11.5' North |
| RM2 | WITNESS POST PLACED OF THE MARK | 16.5' West |
| RM3 | WITNESS POST PLACED OF THE MARK | 3.0' East |

Station Name: 89

| | |
|---|---|
| Latitude (dms) | 37 9 32.31589 |
| Longitude (dms) | 76 27 46.24185 |
| State Plane Zone (4502) Virginia South | |
| Easting (X) in meters | 3680929.631 |
| Northing(Y) in meters | 1093577.397 |
| Easting (X) in US Survey ft | 12076516.632 |
| Northing(Y) in US Survey ft | 3587845.178 |
| Easting (X) in international ft | 12076540.785 |
| Northing(Y) in international ft | 3587852.354 |
| Scale | .99995199 |
| Convergence (dms) | 1 14 11.040 |

# COUNTY OF YORK SURVEY MARK REFERENCE AND RECOVERY DATA

| VIRGINIA STATE PLANE COORDINATES—SOUTH ZONE (NAD 1983) | | | |
|---|---|---|---|
| STATION NO. | UNITS | EASTING (X) | NORTHING (Y) |
| 090 | Meters | 3683080.945 | 1094762.099 |
| | U S Survey ft. | 12083574.733 | 3591731.987 |
| | Int'l ft. | 12083598.900 | 3591739.171 |

| VERTICAL DATA |
|---|
| Elevations refer to National Geodetic Vertical Datum (1929) |
| Elevation Of Station= 9.90' |

FOR WRITTEN DESCRIPTION &
ADDITIONAL DATA SEE REVERSE SIDE

| COUNTY/CITY | DISTRICT |
|---|---|
| YORK COUNTY | GRAFTON |

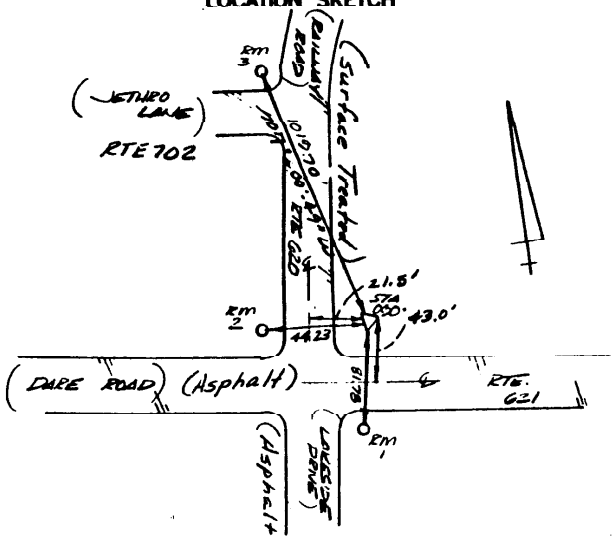
STATION NUMBER: **090**

FIELD BOOKS: PS 320/14

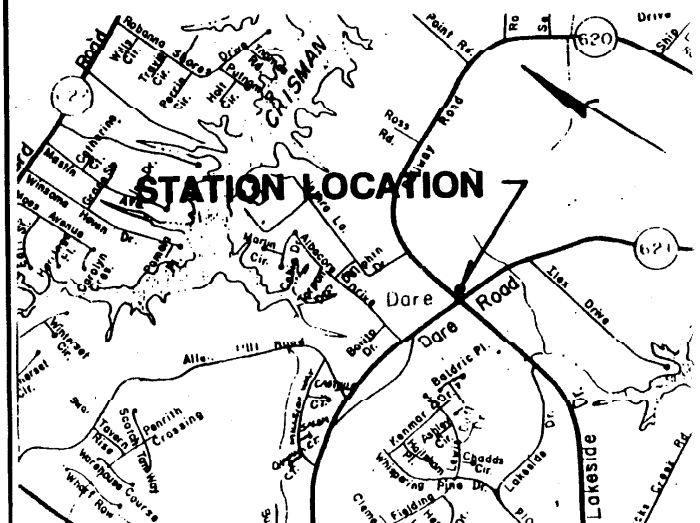
## REFERENCE AND AZIMUTH MARK LOCATIONS

| OBJECT | BEARING | DISTANCE | ELEVATION |
|---|---|---|---|
| RM1 | S05°08'37"E | 81.78' | — — — |
| RM2 | S87°14'26"W | 44.23' | — — — |
| RM3 | N07°00'49"W | 1,019.70' | — — — |
| | | | |

## LOCATION SKETCH




## LOCATION MAP (Scale: 1"=2000')



## STATION DESCRIPTION

**STATION 090:** A 3-1/4" disk in concrete, approximately 2" below the ground surface, stamped "STATION NO. 090". The disk is located in the grass median at the northeast corner of the intersection of Routes 620 (Railway Road) and 621 (Dare Road), 21.5' east of the center line of Route 620, 43.0' north of the center line of Route 621.

**REFERENCE MARK NO. 1:** A 2" disk in concrete, approximately 3" below the ground surface, stamped "REFERENCE MARK NO. 1". The disk is located 20.5' east of the center line of Route 620 (Lakeside Drive), 58.5' south of the center line of Route 621 (Dare Road).

**REFERENCE MARK NO. 2:** A 2" disk in concrete, approximately 2" below the ground surface, stamped "REFERENCE MARK NO. 2". The disk is located 23.0' west of the center line of Route 620 (Railway Road), opposite STATION 090.

**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' west of the edge of the pavement of Route 620 (Railway Road), 48.5' north of the center line of Route 702 (Jethro Lane).

| | | |
|---|---|---|
| STA 090 | WITNESS POST PLACED OF THE STATION | 5.0' East |
| RM1 | WITNESS POST PLACED OF THE MARK | 6.0' Southwest |
| RM2 | WITNESS POST PLACED OF THE MARK | 8.0' Northeast |
| RM3 | WITNESS POST PLACED OF THE MARK | 3.5' North |

Station Name: 90

| | |
|---|---|
| Latitude (dms) | 37 10 9.22322 |
| Longitude (dms) | 76 26 18.02004 |
| State Plane Zone (4502) Virginia South | |
| Easting (X) in meters | 3683080.945 |
| Northing(Y) in meters | 1094762.099 |
| Easting (X) in US Survey ft | 12083574.733 |
| Northing(Y) in US Survey ft | 3591731.987 |
| Easting (X) in international ft | 12083598.900 |
| Northing(Y) in international ft | 3591739.171 |
| Scale | .99995136 |
| Convergence (dms) | 1 15 4.584 |