FLORIDA DEPARTMENT OF TRANSPORTATION

VERTICAL CONTROL SURVEY REPORT

BENCH MARK COVER SHEET - DATUM N.G.V.D. 1929

ROAD SECTION No. 09010

194435-2-52-01	N/A	09010-000	25	HIGHLANDS
FINANCIAL PROJECT ID	W.P.I. No. (Old)	STATE JOB No. (Old)	S.R. No.	COUNTY

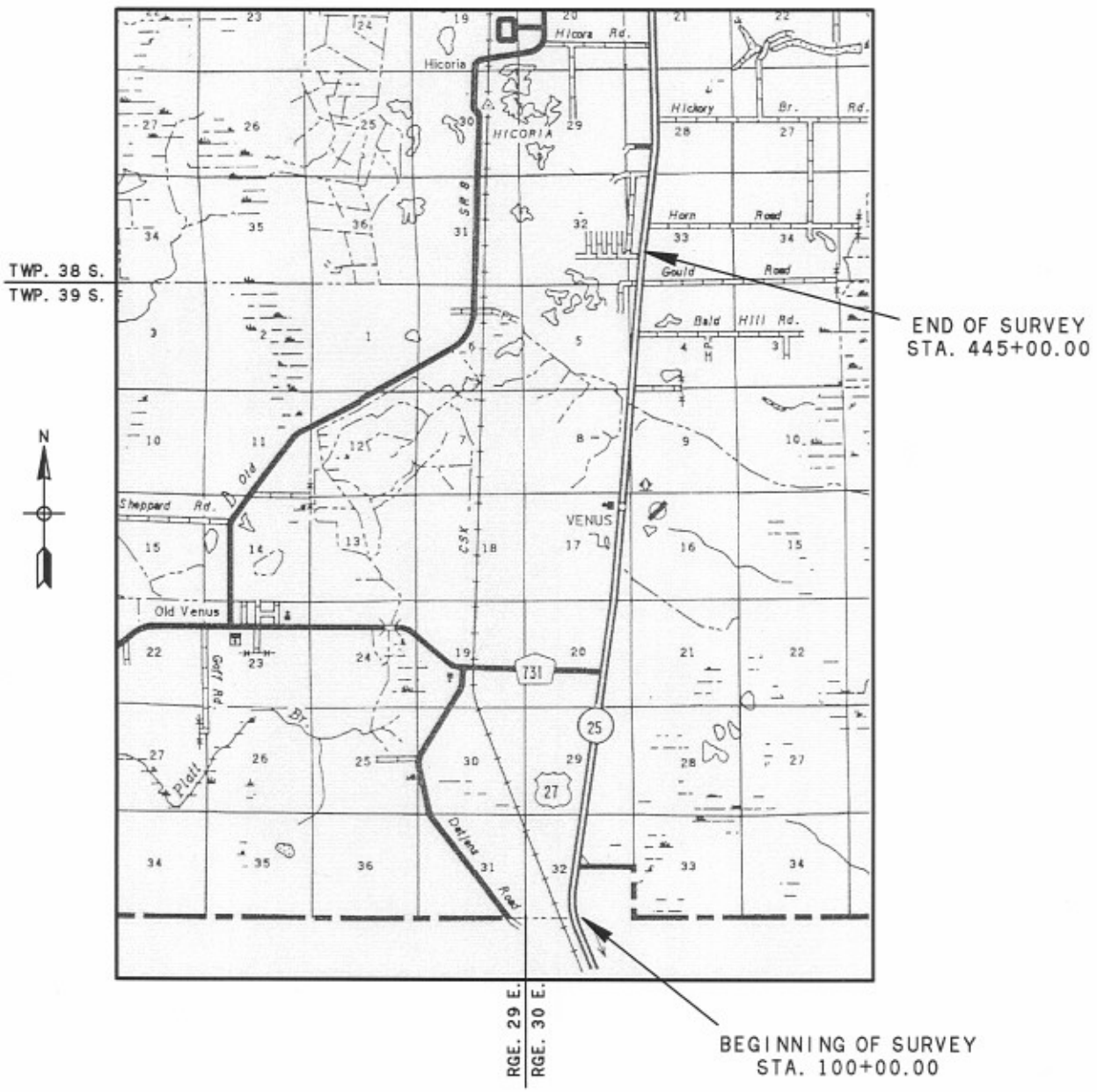
PROJECT DESCRIPTION (FROM SYSTEM) S.R. 25 FROM GLADES COUNTY LINE TO 0.1 MILE SOUTH OF HORNE ROAD.

3/16/01
All Elevations Agree With FB# 500378

MP 0.0
MP 6.5

ATTACHMENT "A"

LOCATION MAP



FLORIDA DEPARTMENT OF TRANSPORTATION

VERTICAL CONTROL SURVEY REPORT

BENCH MARK COVER SHEET - DATUM N.G.V.D. 1929

ROAD SECTION No. 09010

194435-2-52-01	N/A	09010-000	25	HIGHLANDS
FINANCIAL PROJECT ID	W.P.I. No.(Old)	STATE JOB No. (Old)	S.R. No.	COUNTY

PROJECT DESCRIPTION (FROM SYSTEM) S.R. 25 FROM GLADES COUNTY LINE TO 0.1 MILE SOUTH OF HORNE ROAD.

SECTIONS - 3, 5,8,9,16,21,27,28, & 34, 4,8,9,17,20,29, & 32, 33 TOWNSHIP - 41 SOUTH, 40 SOUTH, 39 SOUTH, 38 SOUTH RANGE - 30 EAST, 30 EAST, 30 EAST, 30 EAST

LINE No.	BEGINNING MARK DESCRIPTION	ENDING MARK DESCRIPTION	LINE LENGTH	ALLOWABLE ERROR	ACTUAL ERROR	ADJUSTMENT PER FOOT
1	BM 5 DISK IN HEADWALL SP #05010-2153	BM @ S.L.D. M.P. 6.607 PROJ. #09010-3505	73940 FT.	0.187 FT.	-0.034 FT.	0.0000004598
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–

ELEVATIONS ADJUSTED BY PROPORTIONATE RELATIONSHIP OF ERROR TO LENGTH OF RUN

NOTES: 1. ALL STATIONS AND OFFSETS FOR THE BENCH MARKS ARE FROM A GEOMETRY BASE LINE ESTABLISHED FROM POINT SHOT IN THE APPROXIMATE CENTER LINE OF THE ROAD S.R. 25 / U.S. 27 FOR RESURFACING.

2. THIS IS APPROXIMATE TO THE ORIGINAL SURVEY BASE LINE. 3. THE GEOMETRY BASE LINE WAS NOT MONUMENTED.

4. BENCH RUN IS SOUTH TO NORTH ALONG S.R. 25 / U.S. 27.

5. THE VERTICAL DATUM OF THE ELEVATIONS POSTED HEREIN IS NATIONAL GEODETIC VERTICAL DATUM OF 1929.

LOCATION MAP

SEE ATTACHMENT "A"

SEAL

DENI ASSOCIATES, INC. LB 3542
FIRM NAME & L.B. No.

6241 ARC WAY, FT. MYERS, FL 33912-1352
STREET ADDRESS, CITY, STATE, ZIP

BEN R. HOMOLA - LS 3950
SURVEYOR'S NAME & LICENSE No.

Ben R. Homola
SURVEYOR'S SIGNATURE

2-20-2001
DATE

FIELD SURVEY DATE: JANUARY 17, 2001

NOT VALID UNLESS SIGNED AND EMBOSSED WITH SURVEYOR'S SEAL

D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 12.661

NAME OR DESIGNATION BM 5 ELEVATION (Feet): 41.540

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 22.160

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 3 TOWNSHIP 41 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R.29; GO 0.9 MILE NORTH ON S.R. 25 /U.S. 27 TO MARK ON EAST SIDE OF ROAD.

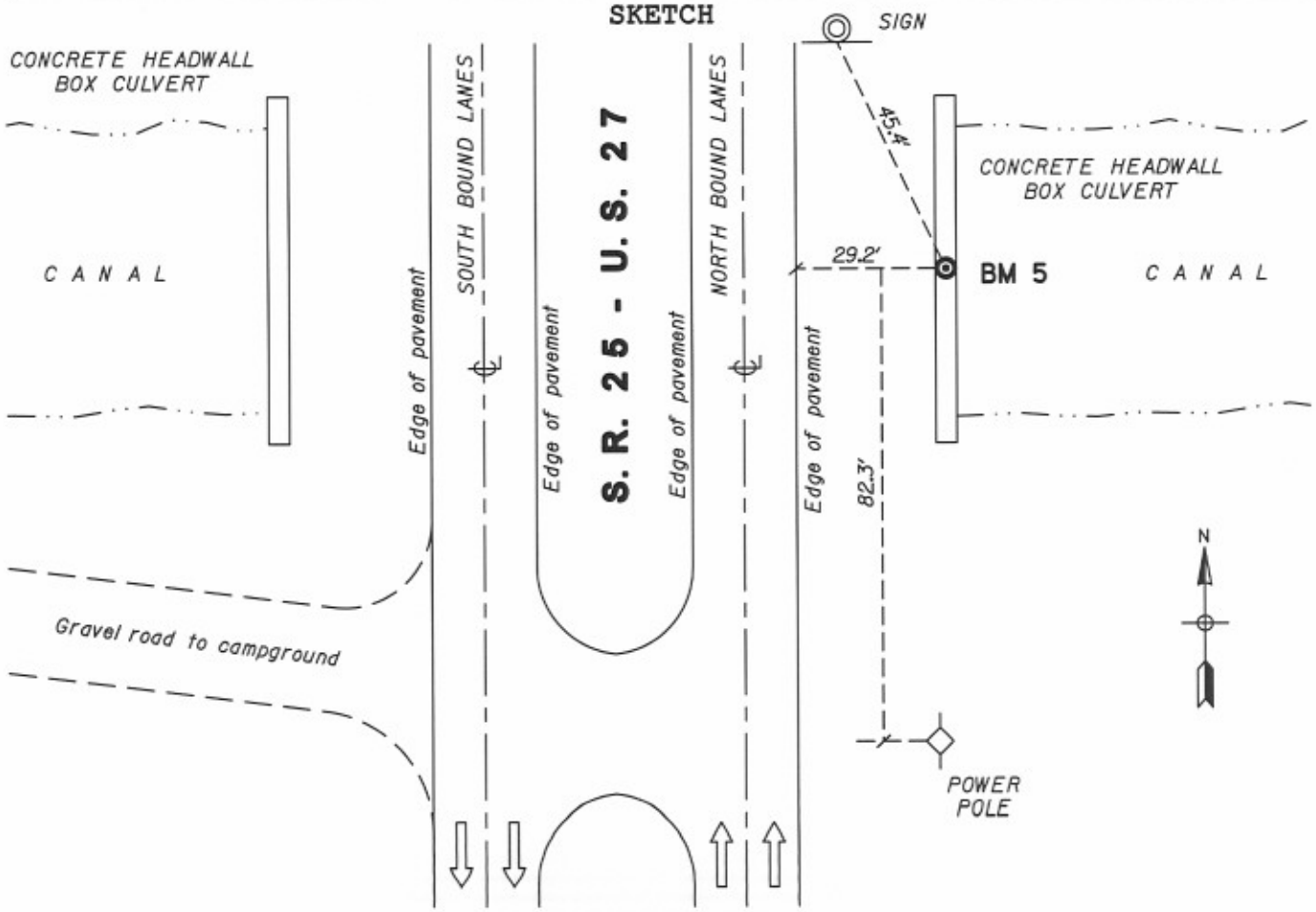
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 29.2' EAST OF NORTHBOUND EDGE OF PAVEMENT; 82.3' NORTH OF A POWER POLE; AND 45.4' SOUTHEAST OF A SIGN.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 12.519

NAME OR DESIGNATION BM 23.122 ELEVATION (Feet): 41.074

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 23.122

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 34 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 1.9 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

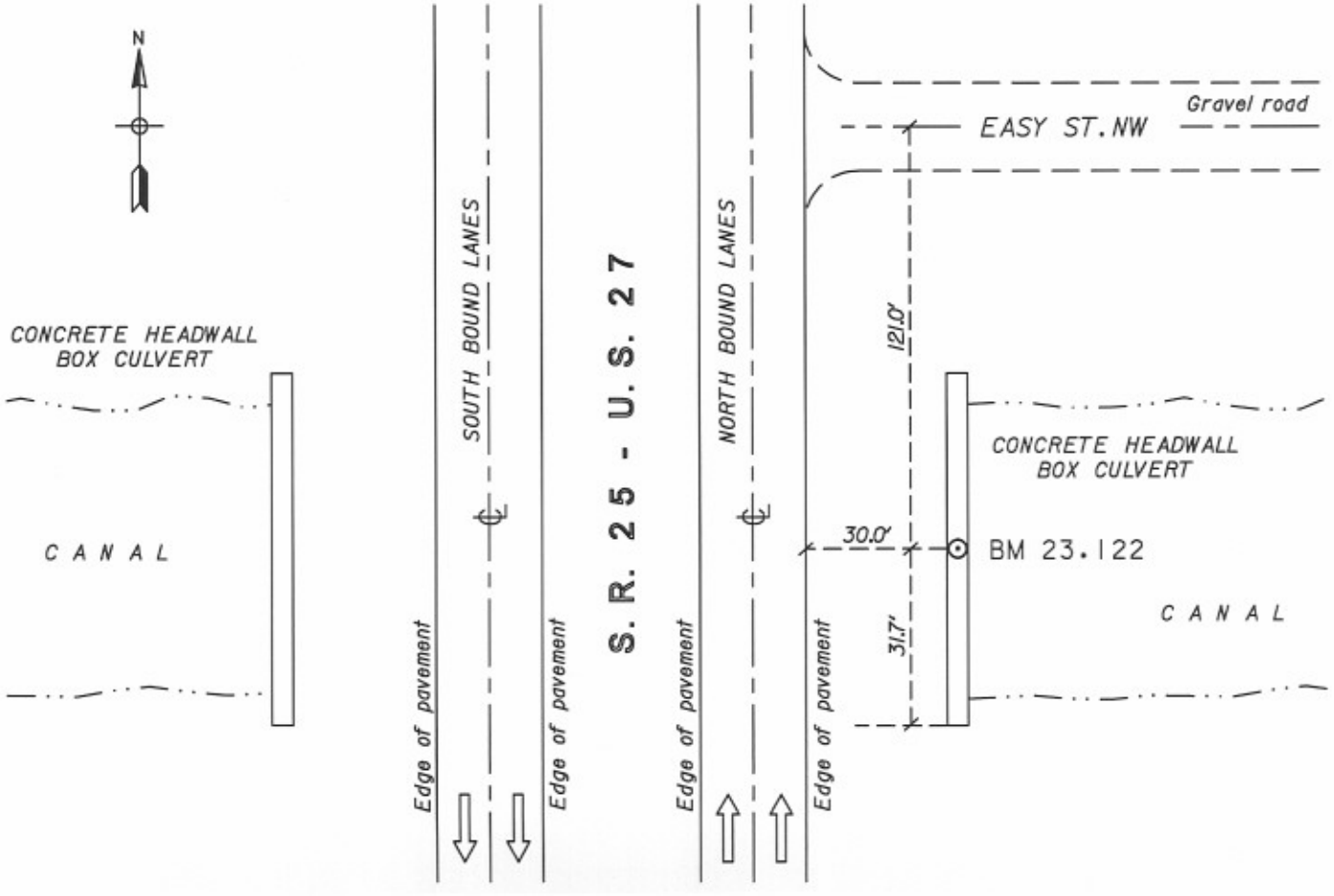
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 121.0' SOUTH OF CENTERLINE OF EASY ST. NW; 30.0' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R.25 /U.S. 27; AND 31.7' NORTH OF SOUTHERN END OF HEADWALL.

SEARCH COORDINATES [.]

STATE PLANE COORDINATES [.] X = _____ . _____ Y = _____ . _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 12.840

NAME OR DESIGNATION BM 23.757 ELEVATION (Feet): 42.126

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 23.757

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 27 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 2.5 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

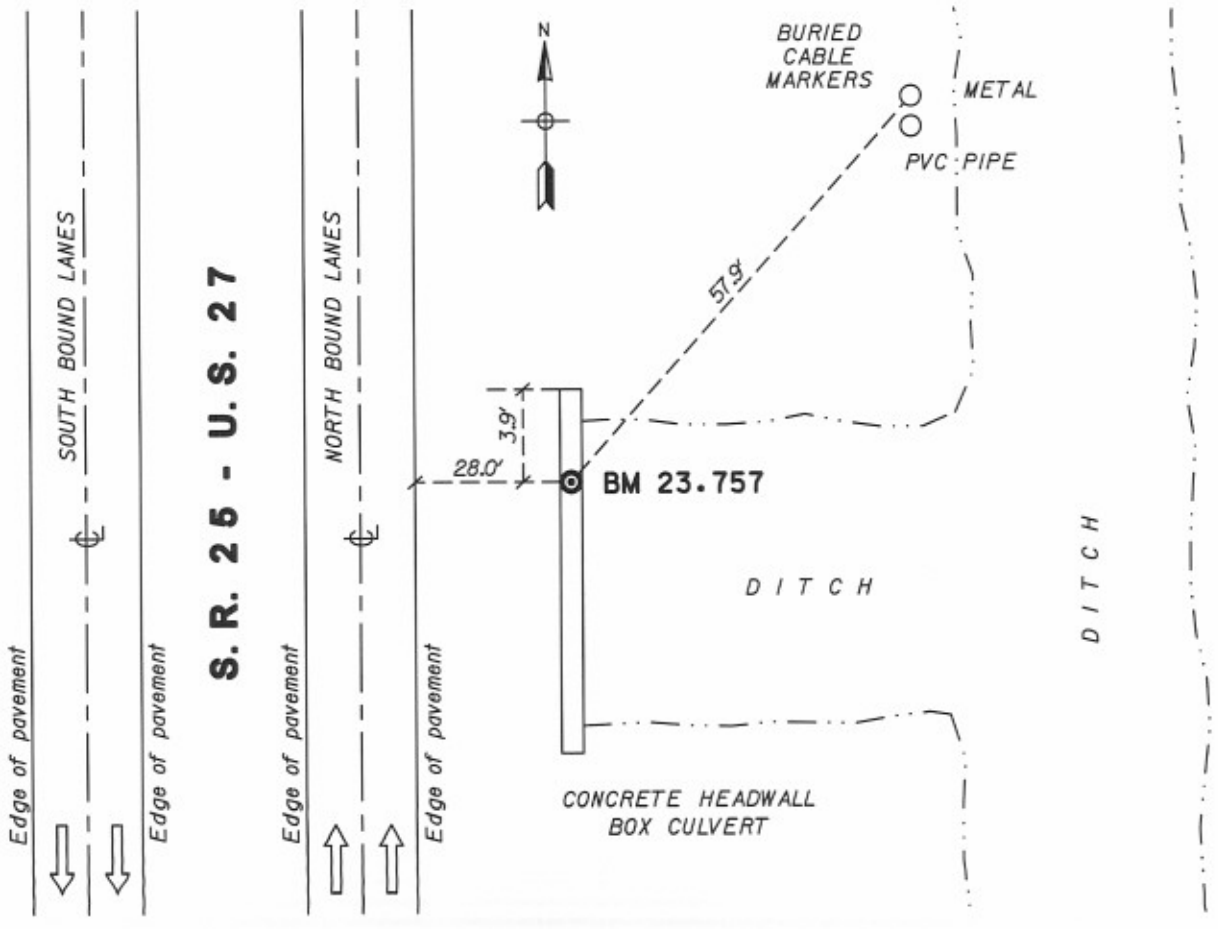
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 28.0' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 57.9' SOUTHWEST OF A METAL "BURIED CABLE " SIGN; AND 3.9' SOUTH OF NORTH EDGE OF CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = . Y = .

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 13.265

NAME OR DESIGNATION BM 23.923 ELEVATION (Feet): 43.519

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 23.923

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 27 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S. R. 29; GO 2.7 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

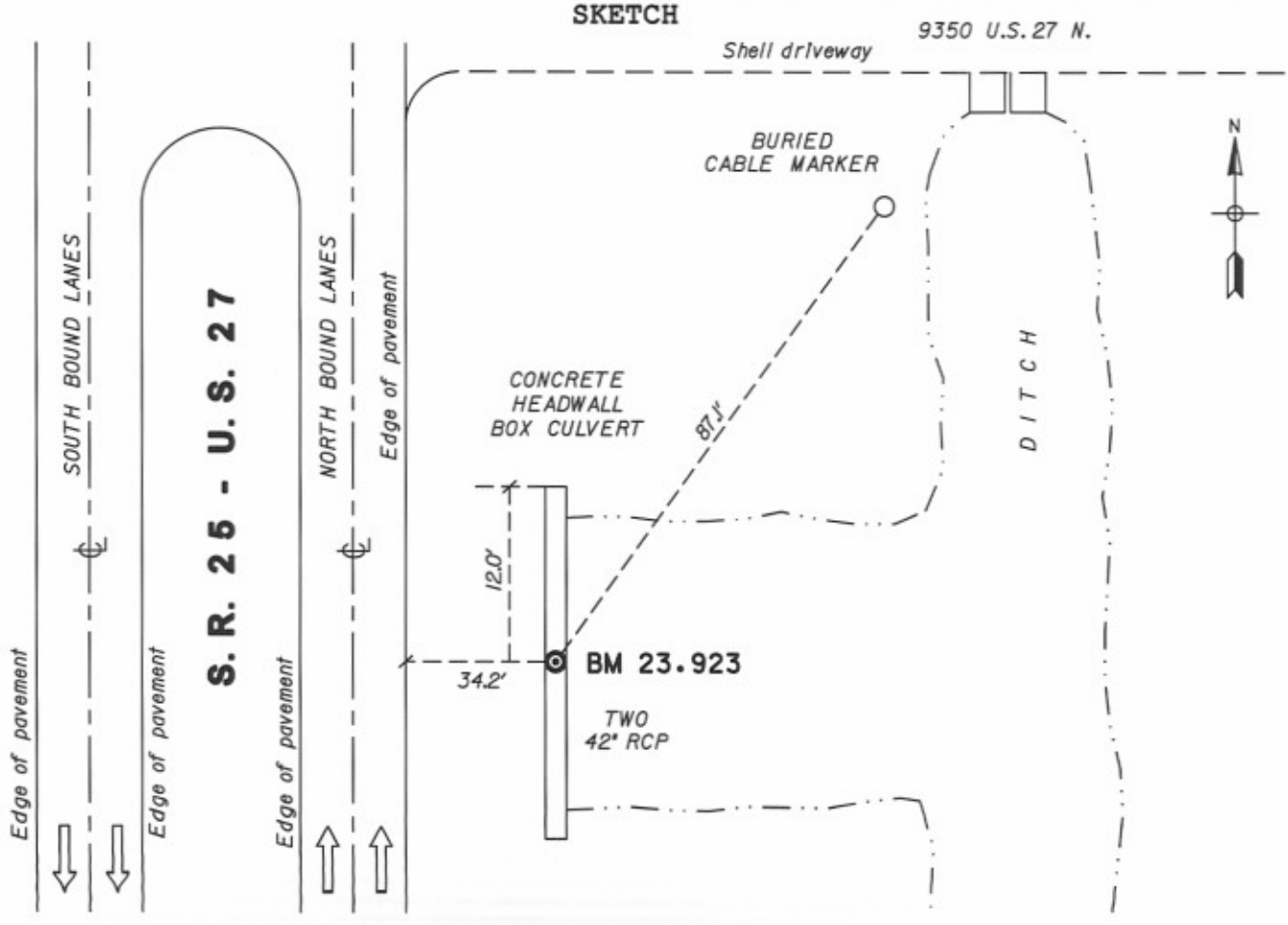
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 34.2' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 87.1' SOUTHWEST OF A "BURIED CABLE" MARKER; AND 12.0' SOUTH OF NORTH EDGE OF CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 13.312

NAME OR DESIGNATION BM 24.474 ELEVATION (Feet): 43.673

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 24.474

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 28 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 3.2 MILES NORTH ON S.R. / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

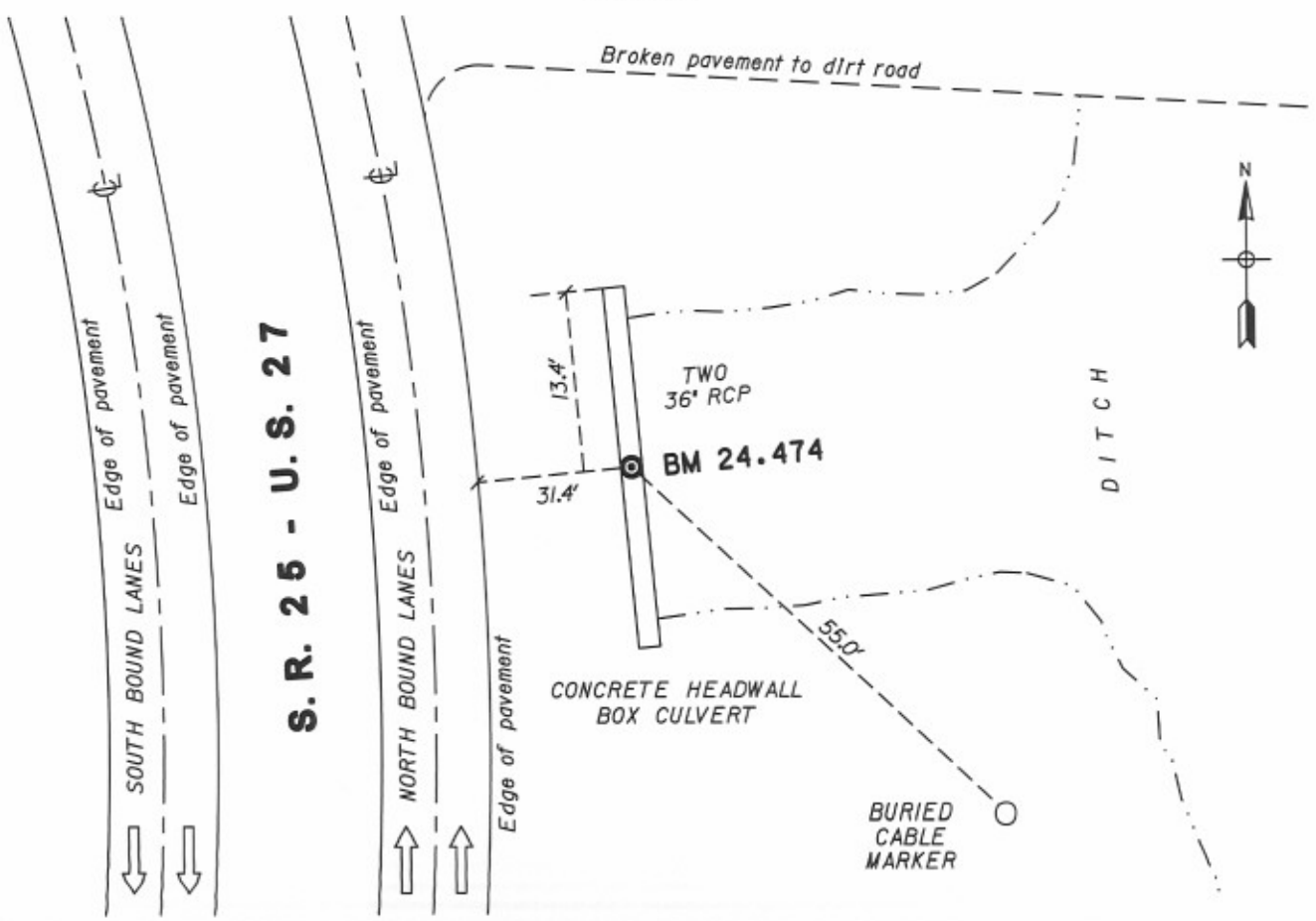
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 31.4' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 55.0' NORTHWEST OF A "BURIED CABLE" MARKER; AND 13.4' SOUTH OF NORTH EDGE OF CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 14.689

NAME OR DESIGNATION BM 25.081 ELEVATION (Feet): 48.191

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 25.081

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 21 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 3.8 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

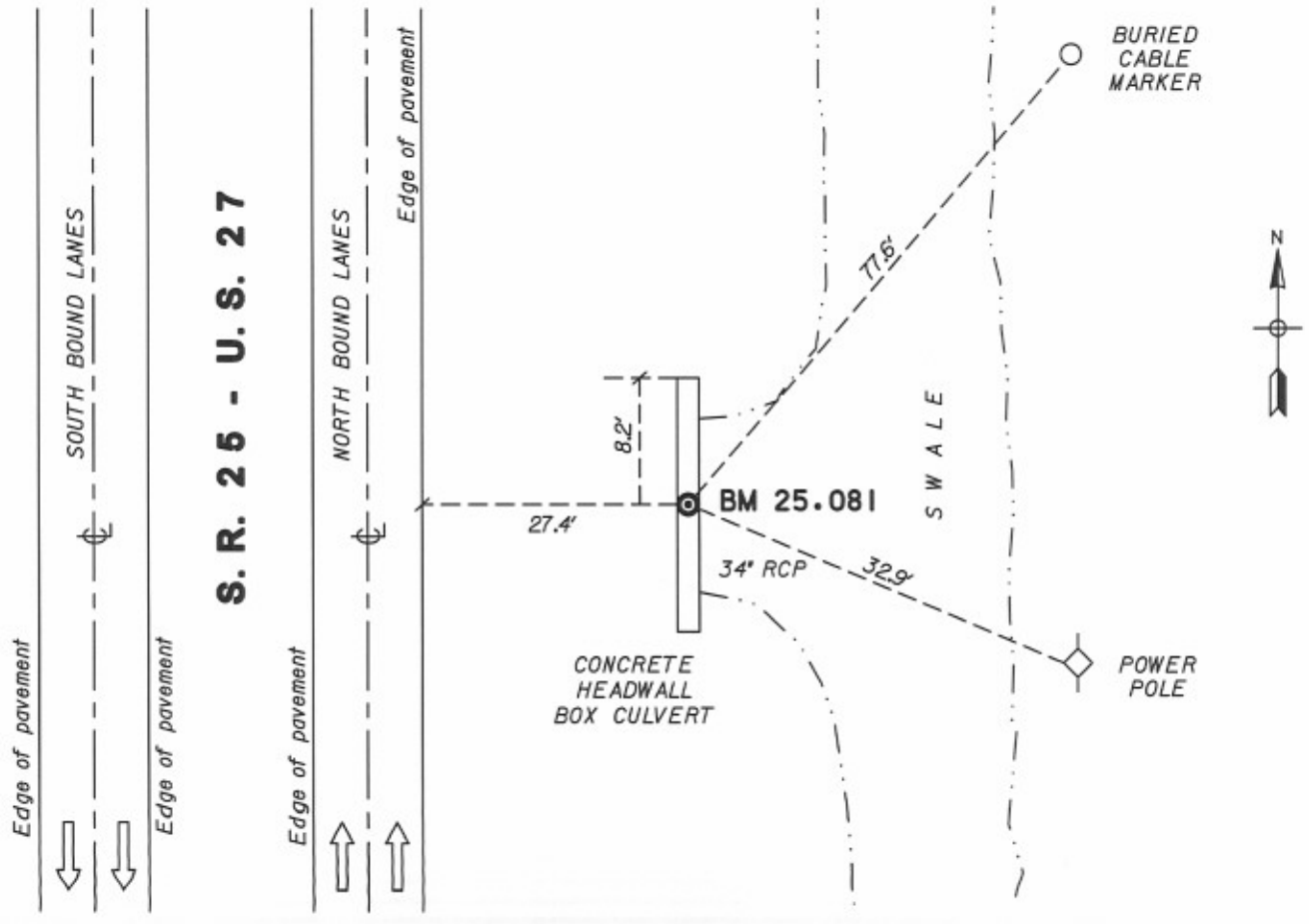
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 27.4' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 77.6' SOUTHWEST OF "BURIED CABLE" MARKER; 32.9' EAST NORTHEAST OF A POWER POLE; AND 8.2' SOUTH OF NORTH EDGE OF CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 15.242

NAME OR DESIGNATION BM 25.622 ELEVATION (Feet): 50.007

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 25.622

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 21 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 4.4 MILES NORTH ON S.R. 25/ U.S. 27 TO MARK ON EAST SIDE OF ROAD.

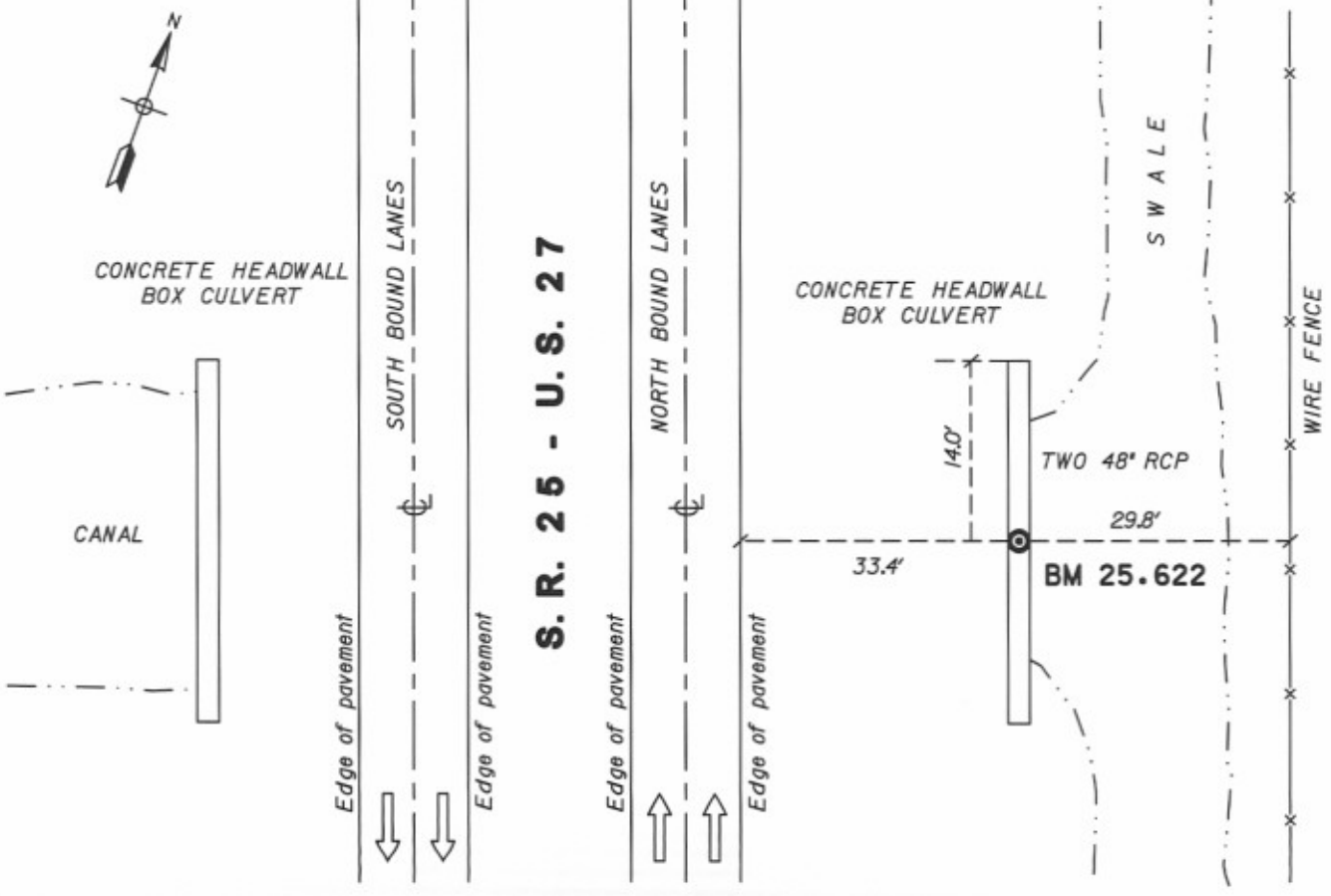
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 33.4' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 29.8' WEST OF A WIRE FENCE; AND 14.0' SOUTH OF NORTH EDGE CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 16.251

NAME OR DESIGNATION BM 25.999 ELEVATION (Feet): 53.316

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 25.999

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 16 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 4.7 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

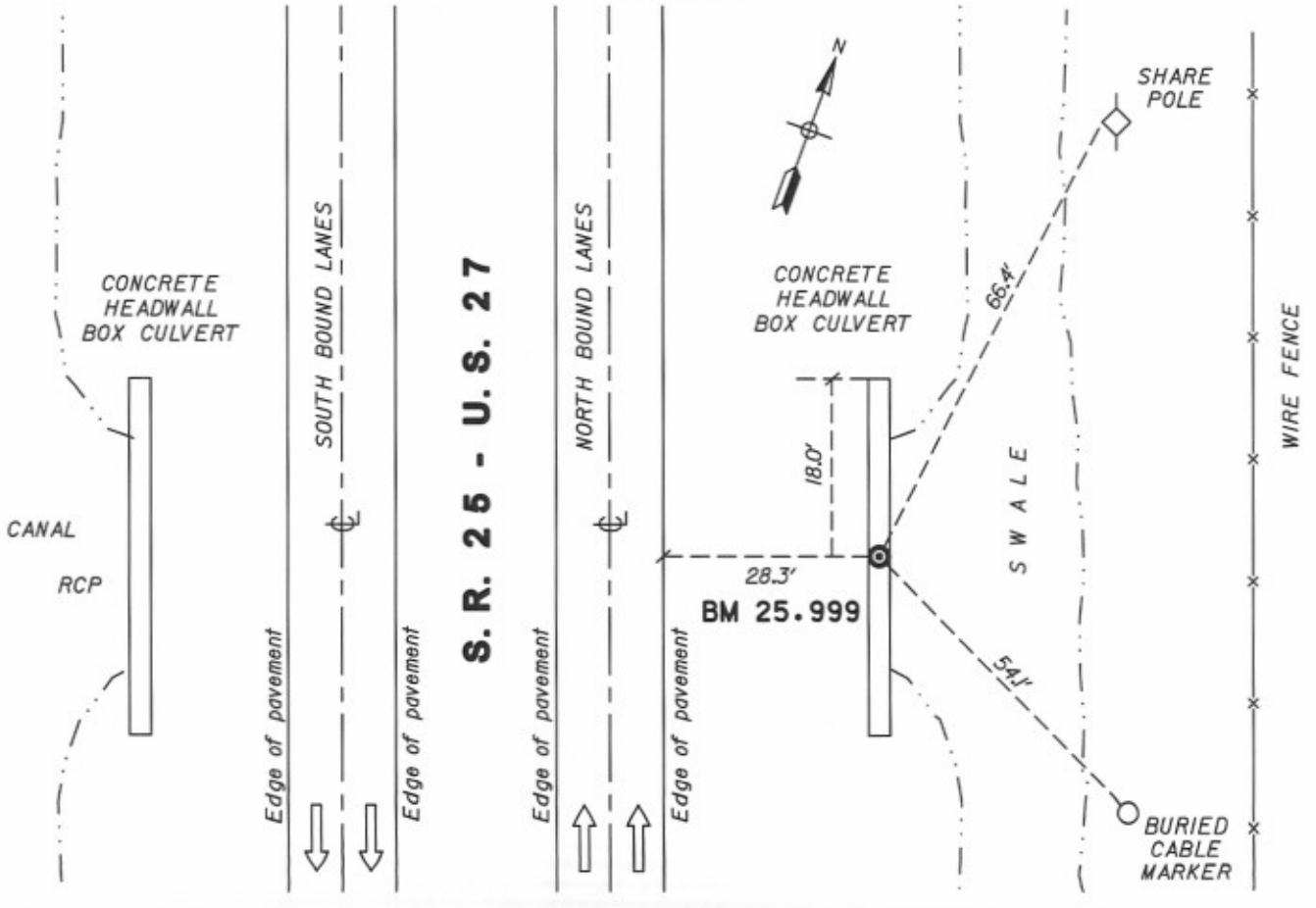
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 28.3' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 54.1' NORTHWEST OF A "BURIED CABLE" MARKER; 66.4' SOUTHWEST OF A SHARED POLE; AND 18.0' SOUTH OF NORTH EDGE CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 14.641

NAME OR DESIGNATION BM 26.264 ELEVATION (Feet): 48.035

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 26.264

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 16 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 5.0 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

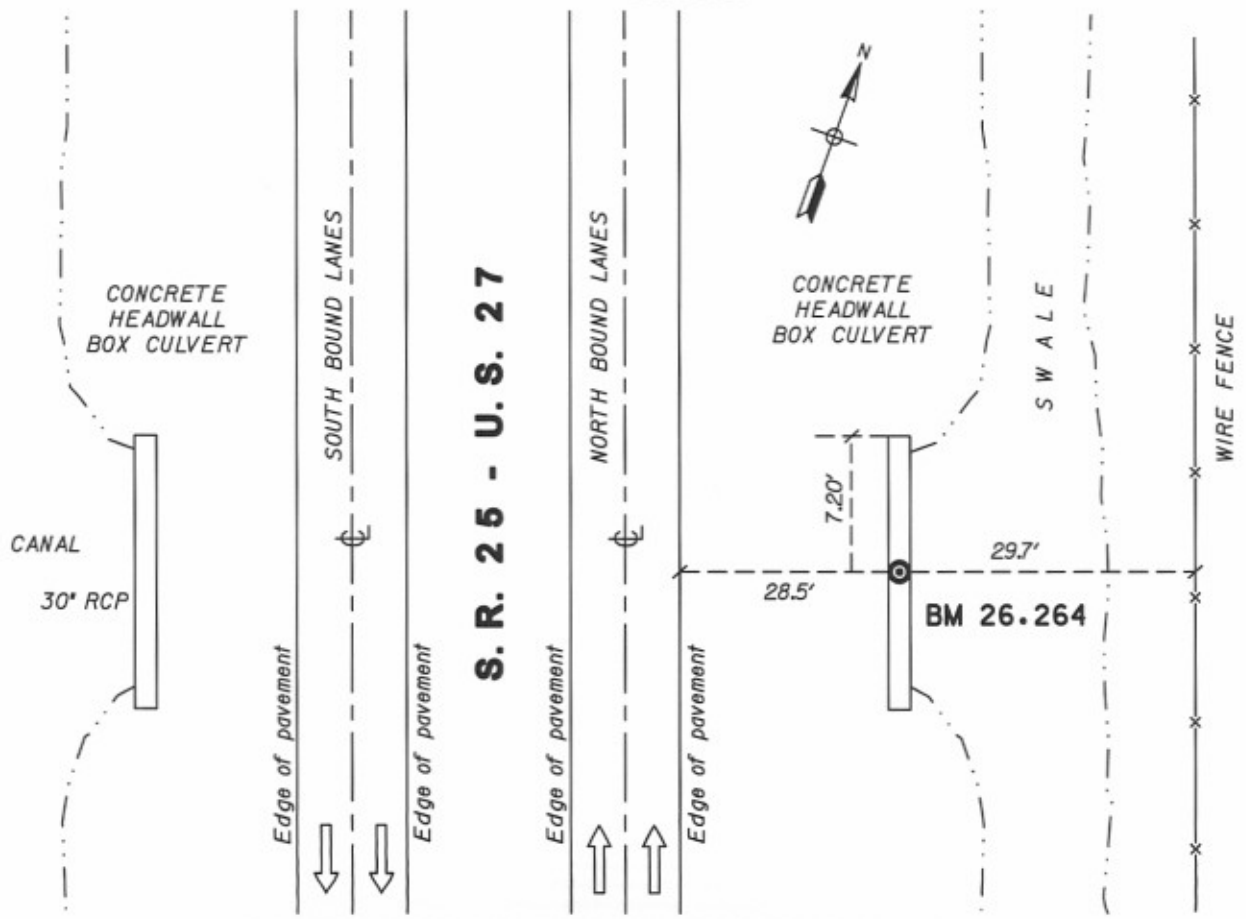
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 28.5' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 29.7' WESTERLY OF A WIRE FENCE; AND 7.2' SOUTHERLY OF NORTHERLY EDGE CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 16.128

NAME OR DESIGNATION BM 26.513 ELEVATION (Feet): 52.914

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 26.513

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 16 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 5.3 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

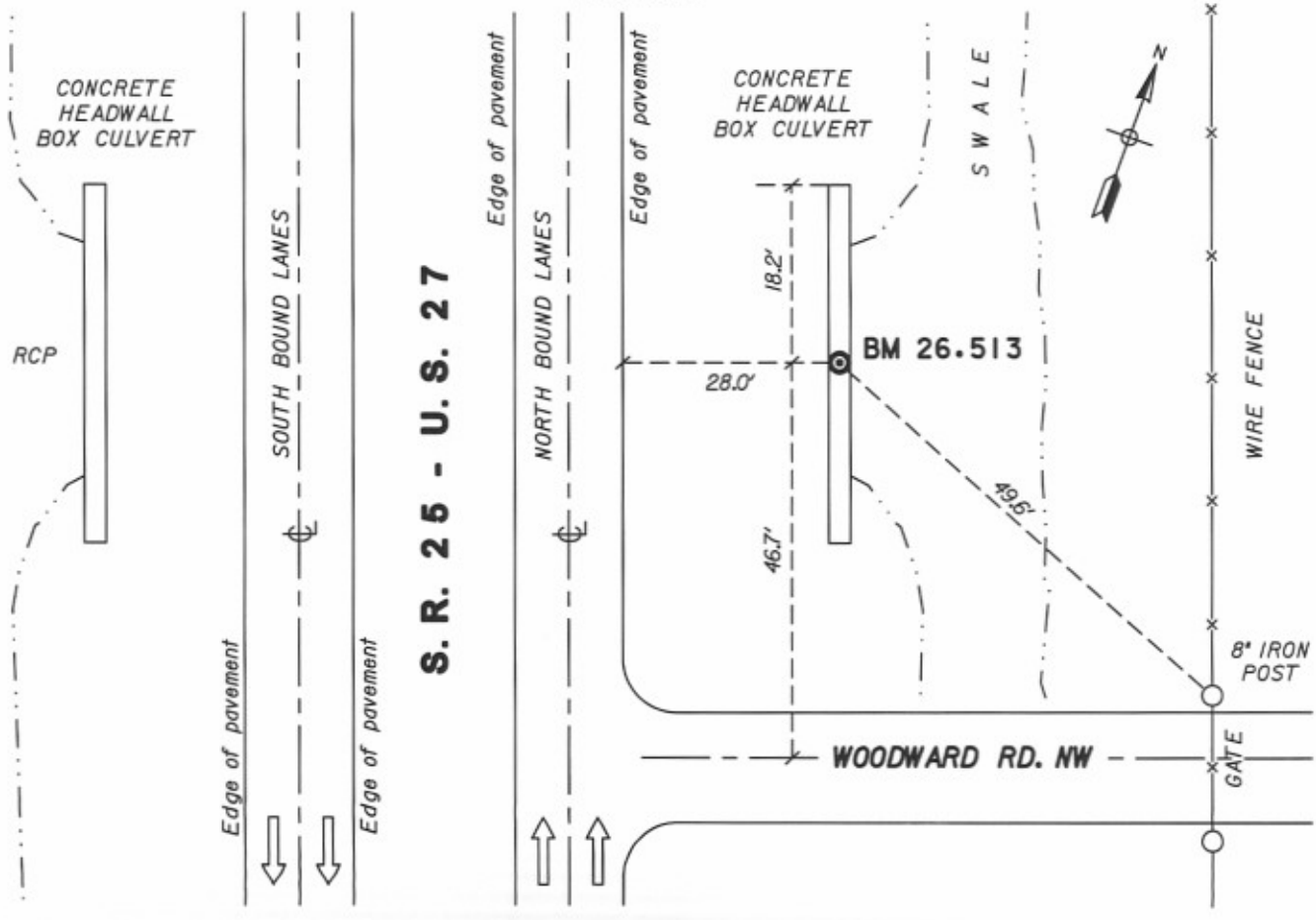
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 28.0' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 49.6' NORTHWEST OF AN IRON GATE POST; 46.7' NORTH OF CENTERLINE WOODWARD RD. NW; AND 18.2' SOUTH OF NORTH EDGE CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 15.650

NAME OR DESIGNATION BM 27.117 ELEVATION (Feet): 51.346

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 27.117

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 9 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 5.9 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

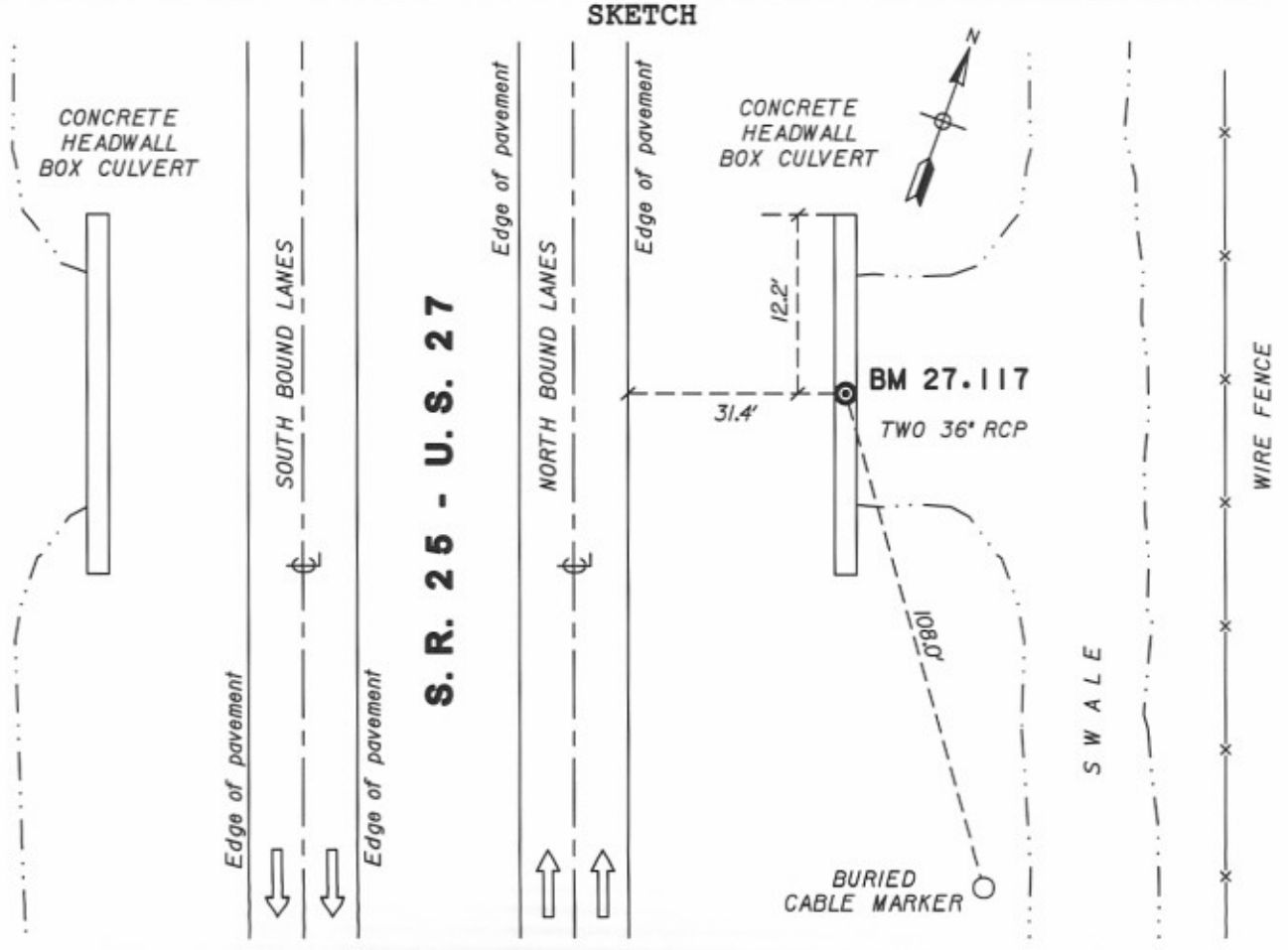
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 31.4' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 108.0' NORTH NORTHWEST OF "BURIED CABLE" MARKER; AND 12.2' SOUTH OF NORTH EDGE CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 16.436

NAME OR DESIGNATION BM 27.442 ELEVATION (Feet): 53.922

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 27.442

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 8 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 6.2 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

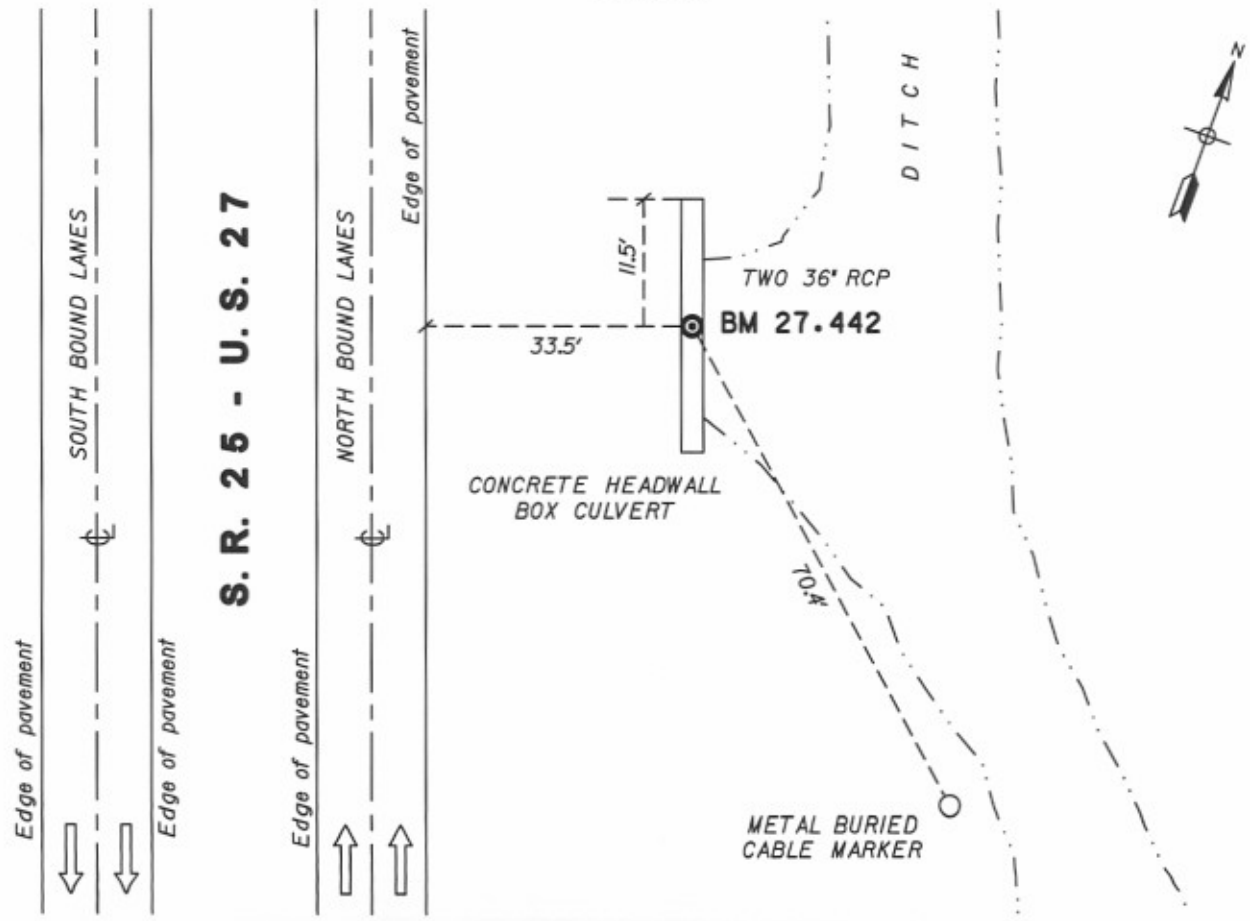
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 33.5' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 / U.S. 27; 70.4' NORTH NORTHWEST OF "BURIED CABLE" MARKER; AND 11.5' SOUTH OF NORTH EDGE CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 17.045

NAME OR DESIGNATION BM 27.908 ELEVATION (Feet): 55.923

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 27.908

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 5 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 6.7 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

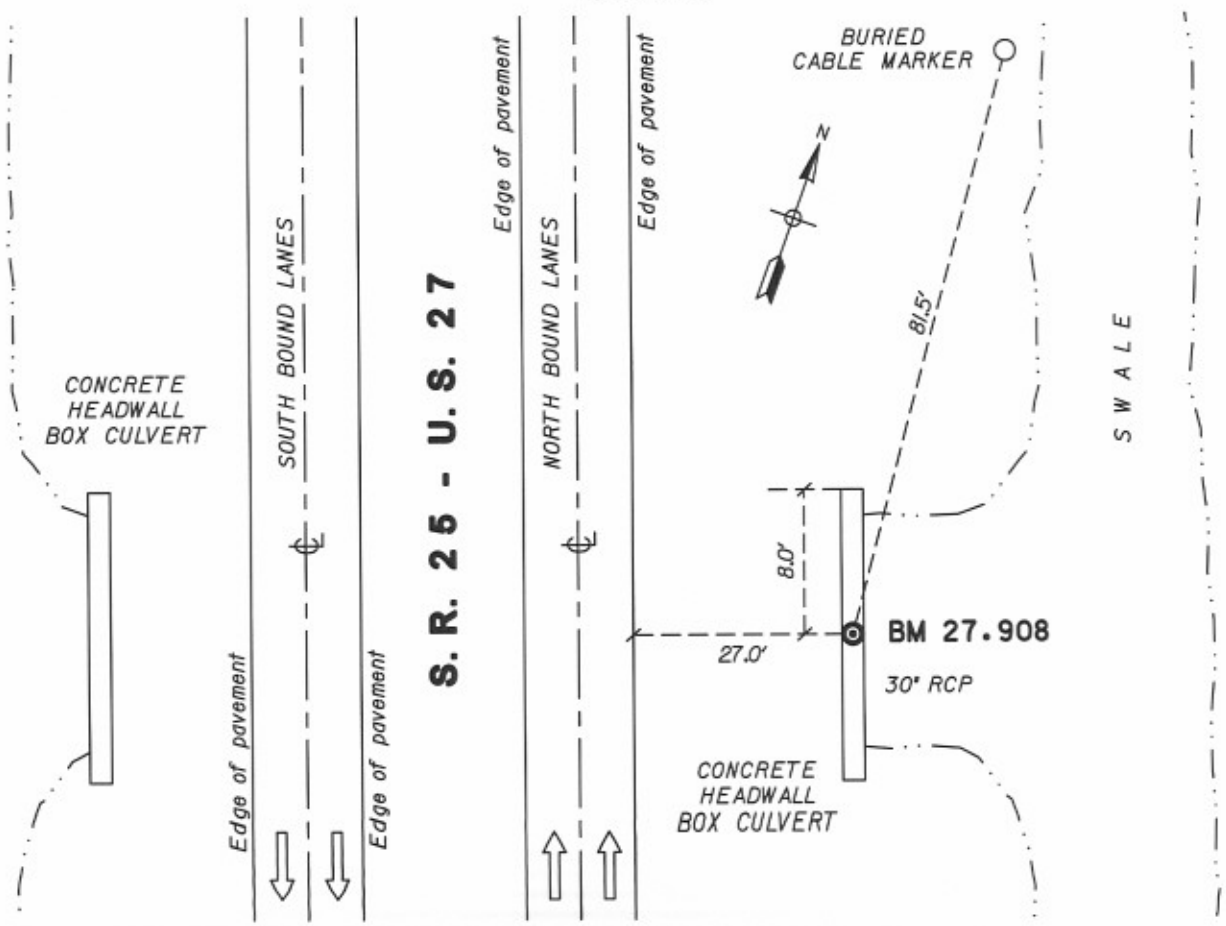
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 27.0' EAST OF EDGE OF PAVEMENT NORTHBOUND S.R. 25 /U.S. 27; 81.5' SOUTH OF "BURIED CABLE" MARKER; AND 8.0' SOUTH OF NORTH EDGE CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 17.956

NAME OR DESIGNATION BM 28.575 ELEVATION (Feet): 58.911

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 28.575

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 5 TOWNSHIP 40 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 7.3 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

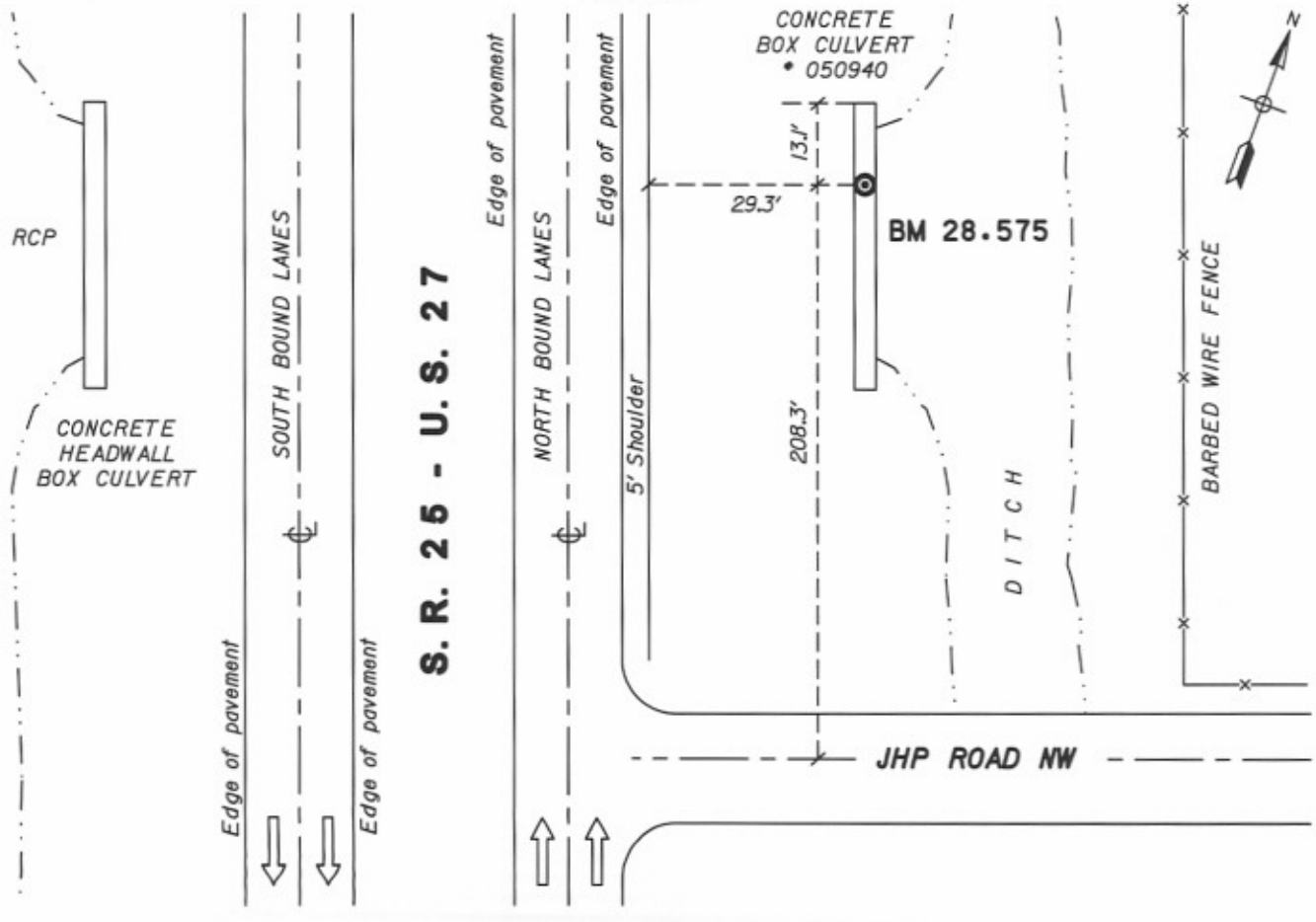
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 29.3' EAST OF SHOULDER NORTHBOUND S.R. 25 / U.S. 27; 208.3' NORTH OF CENTERLINE JHP RD. NW; AND 13.1' SOUTH OF NORTH EDGE CONCRETE HEADWALL.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 18.117

NAME OR DESIGNATION BM 28.993 ELEVATION (Feet): 59.437

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 28.993

COUNTY GLADES S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 32 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND S.R. 29; GO 7.7 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

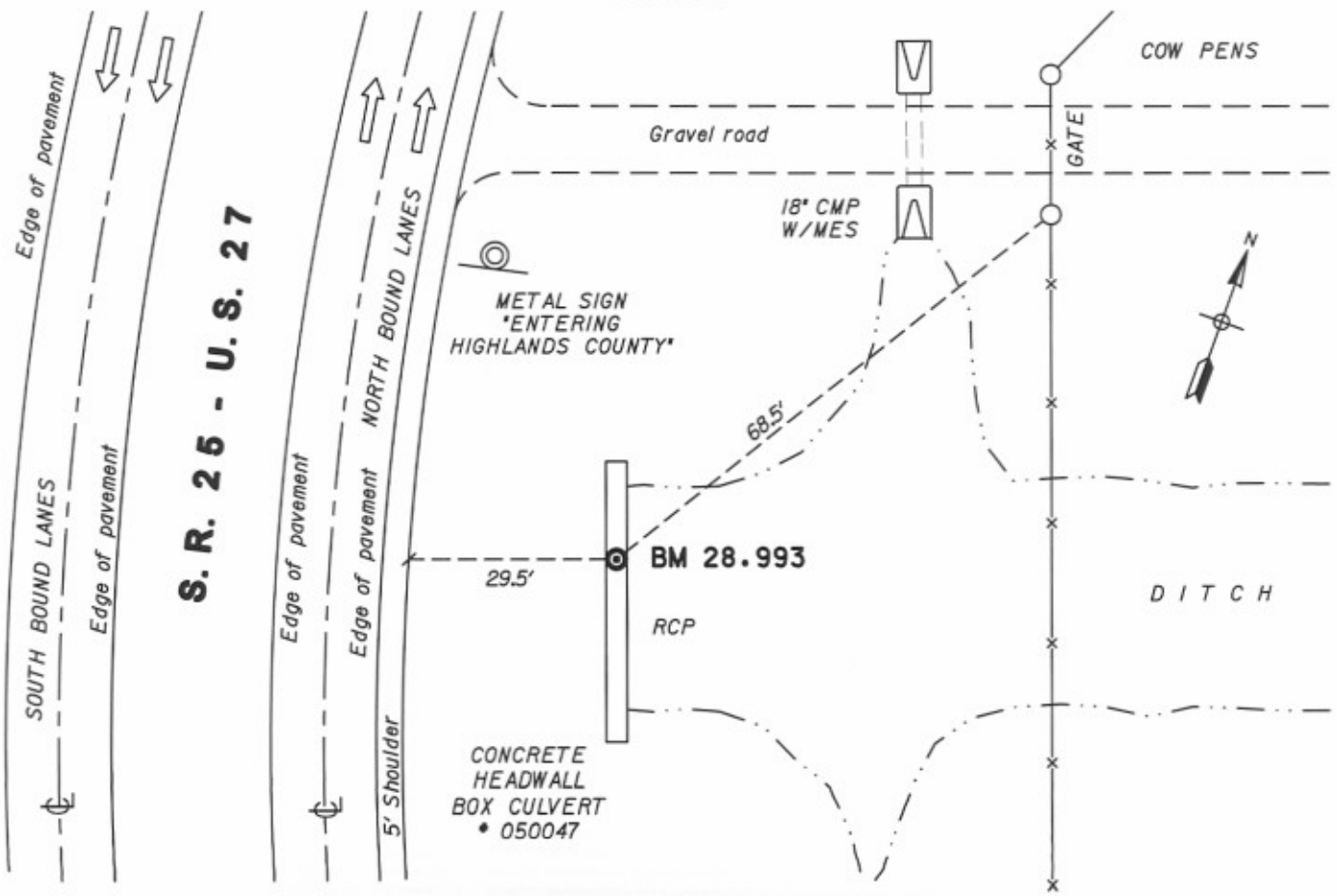
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE HEADWALL

LOCATION DESCRIPTION: BENCHMARK IS 29.5' EAST OF SHOULDER NORTHBOUND S.R. 25 / U.S. 27; AND 68.5' SOUTHWEST OF A GATE POST.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 17.732

NAME OR DESIGNATION BM 35 ELEVATION (Feet): 58.174

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 32 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO NORTH 0.3 MILE ON S.R. 25 / U.S. 27 TO MARK ON THE EAST SIDE OF ROAD.

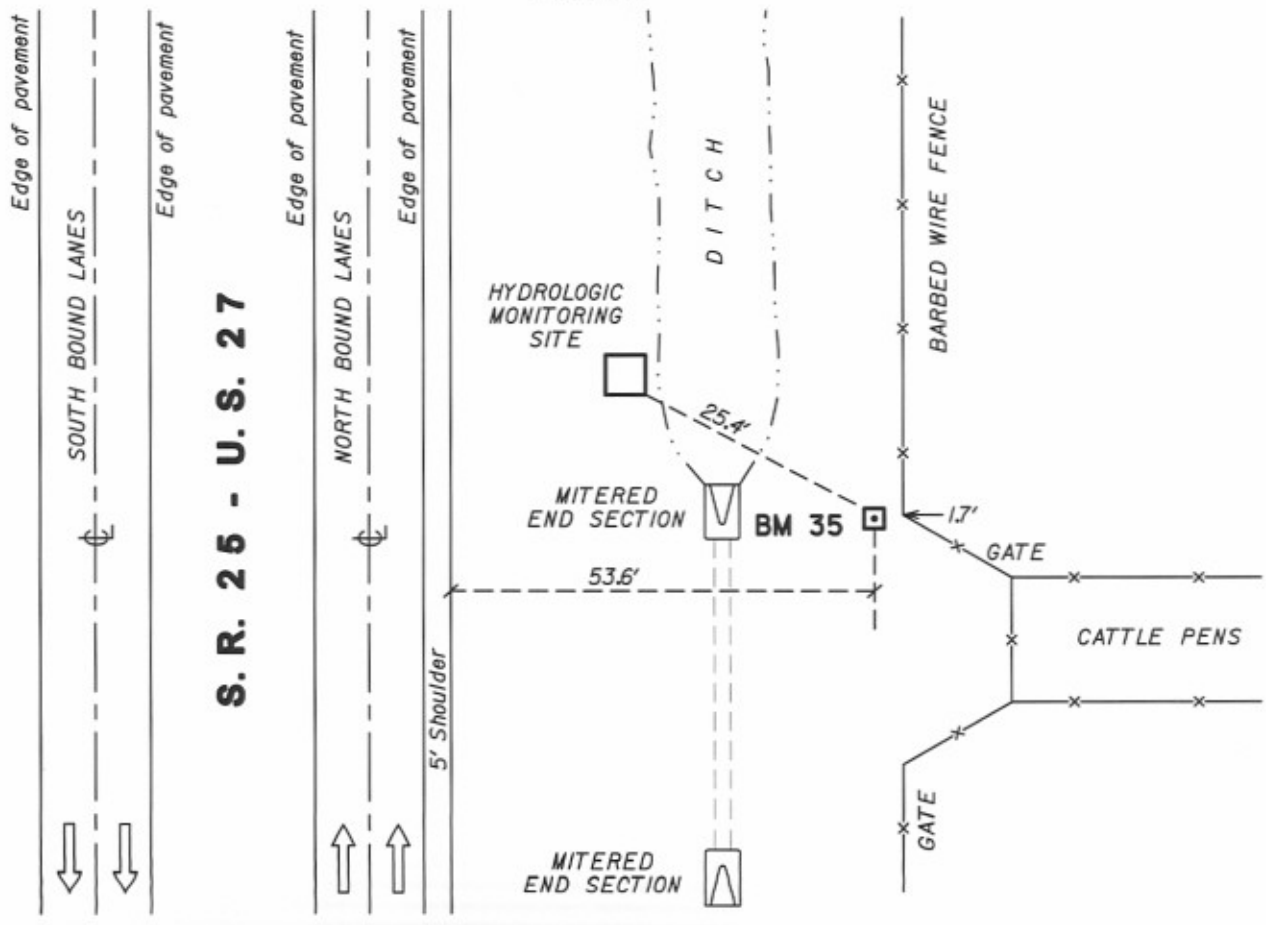
_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 35", 1" ABOVE GRADE.

LOCATION DESCRIPTION: BENCHMARK IS 158.78 FT. RIGHT OF GEOMETRY BASE LINE STATION 101+88.87; 25.4 FT. SOUTHEAST OF A HYDROLOGIC MONITORING SITE; 53.6 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.7 FT. WEST OF THE CORNER OF A BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 544768.9 Y = 981274.4

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 17.885

NAME OR DESIGNATION BM 36 ELEVATION (Feet): 58.678

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 32 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

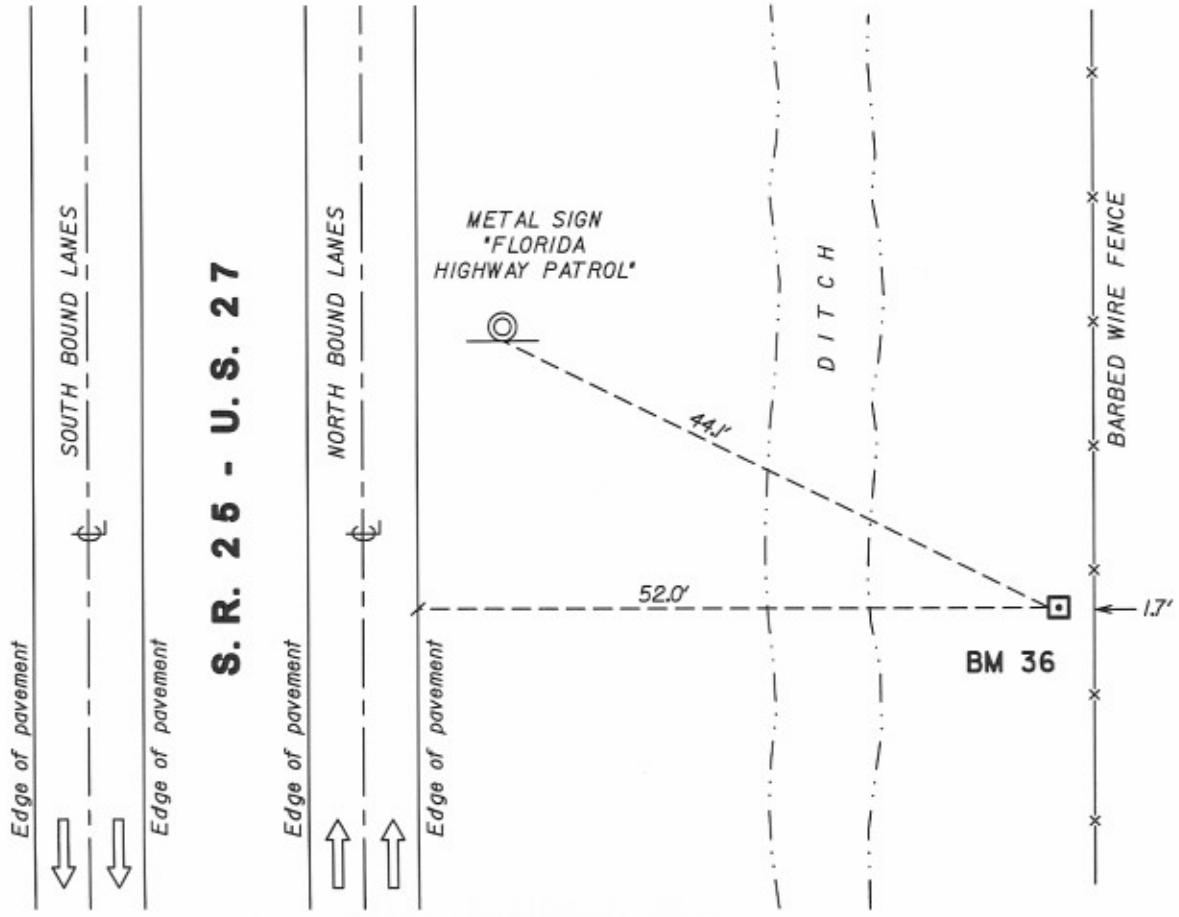
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO NORTH 0.5 MILE ON S.R. 25 / U.S. 27 TO MARK ON THE EAST SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 36".

LOCATION DESCRIPTION: BENCHMARK IS 157.60 FT. RIGHT OF GEOMETRY BASE LINE STATION 111+84.19; 44.1 FT. SOUTHEAST OF METAL SIGN; 52.0 FT. EAST OF THE EAST EDGE OF PAVEMENT OF THE NORTHBOUND TRAVEL LANES; 1.7 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 544829.3 Y = 982239.1

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM - ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED - DESTROYED - ELEVATION (Meters): 18.035

NAME OR DESIGNATION BM 37 ELEVATION (Feet): 59.168

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: -

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 32 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO NORTH ON S.R. 25 / U.S. 27 0.75 MILE TO MARK ON EAST SIDE OF ROAD.

-

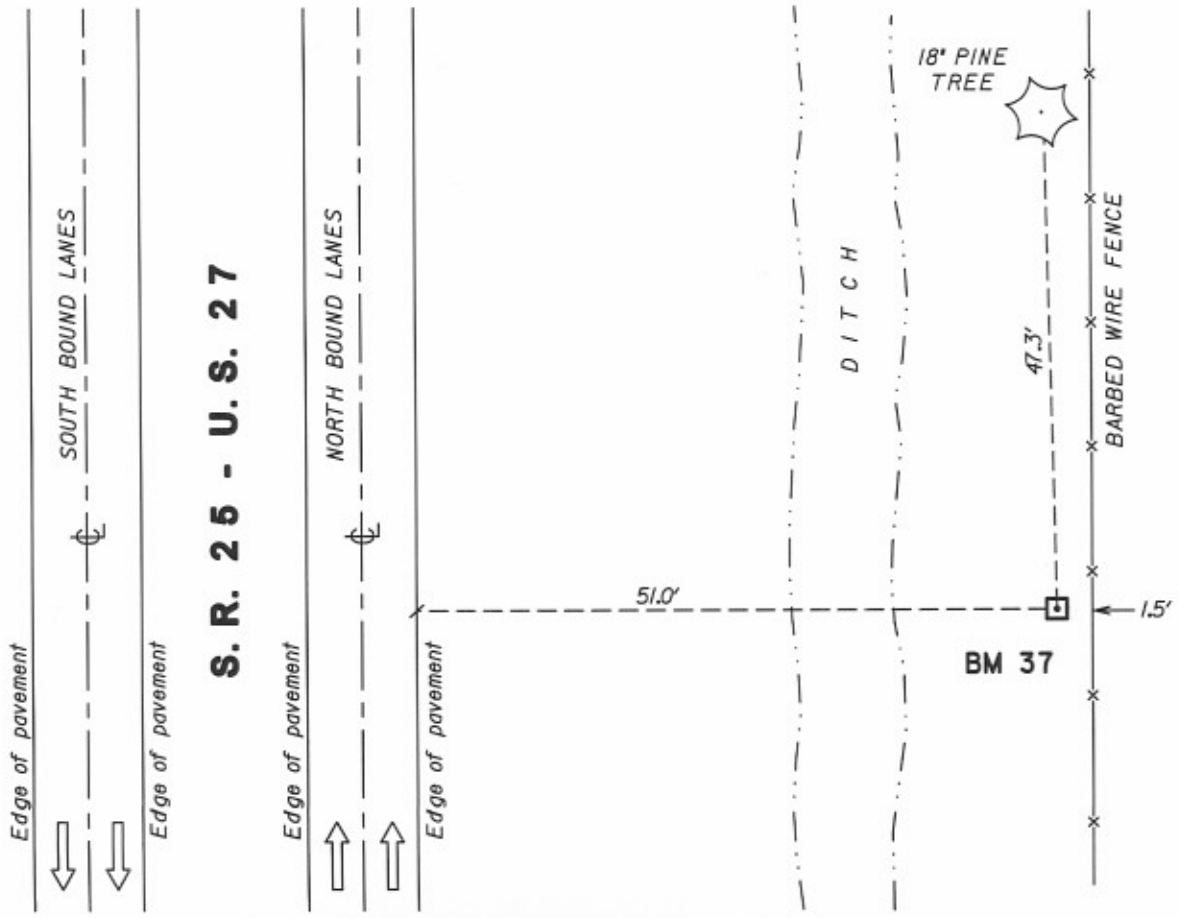
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 37".

LOCATION DESCRIPTION: BENCHMARK IS 111.13 FT. RIGHT OF GEOMETRY BASE LINE STATION 121+76.95; 47.3 FT. SOUTH OF 18" PINE TREE; 51.0 FT. EAST OF THE EAST EDGE OF PAVEMENT OF THE NORTHBOUND TRAVEL LANES; 1.5 FT. WEST OF BARBED WIRE FENCE

-

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 544980.4 Y = 983219.8

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 18.178

NAME OR DESIGNATION BM 38 ELEVATION (Feet): 59.638

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 32 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

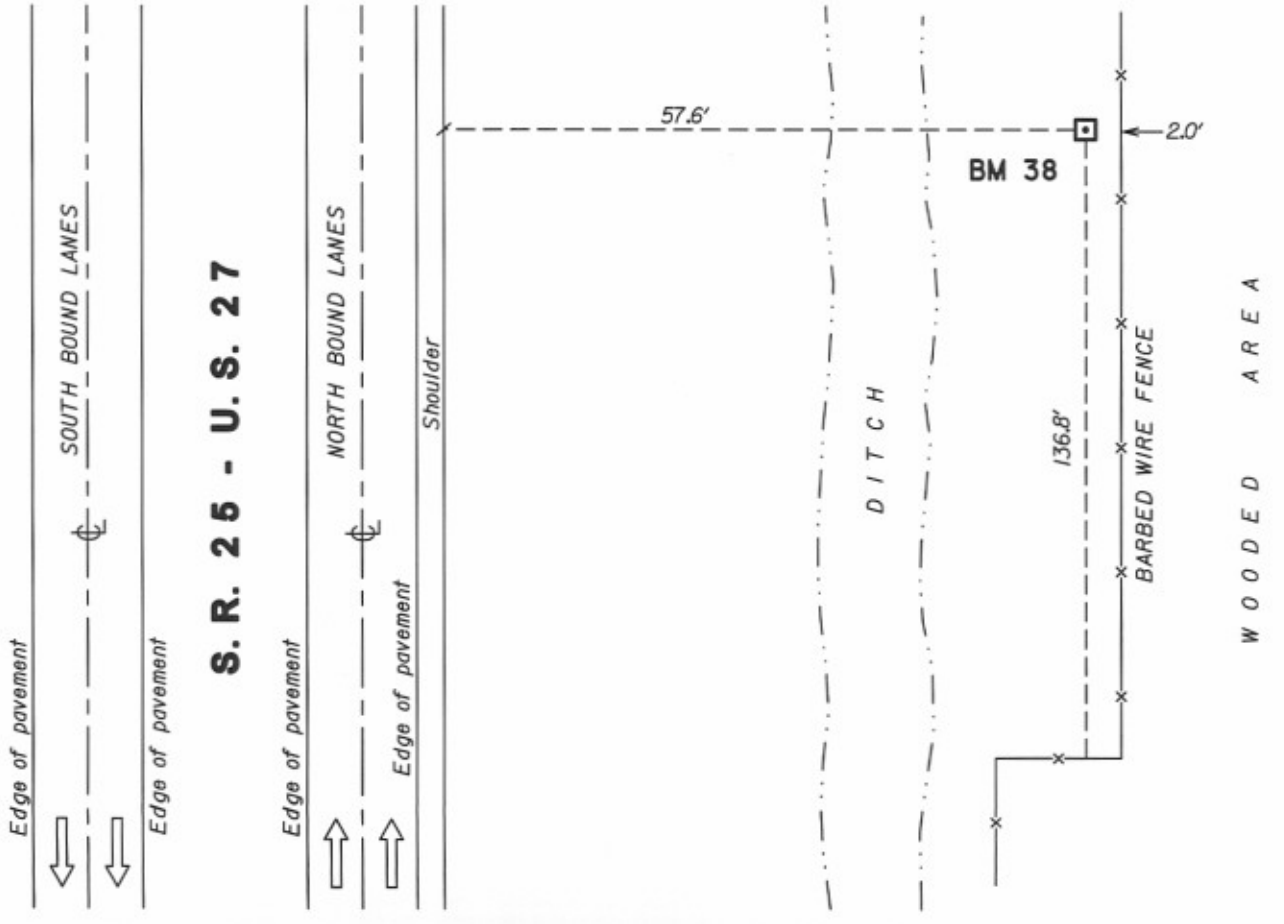
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO 0.95 MILE NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 38"; 1" ABOVE GROUND.

LOCATION DESCRIPTION: BENCHMARK IS 118.47 FT. RIGHT OF GEOMETRY BASE LINE STATION 131+79.08; 136.8 FT. NORTH OF JOG IN BARBED WIRE FENCE; 57.6 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 2.0 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 545141.9 Y = 984208.9

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 18.985

NAME OR DESIGNATION BM 39 ELEVATION (Feet): 62.287

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 32 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO 1.10 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

_

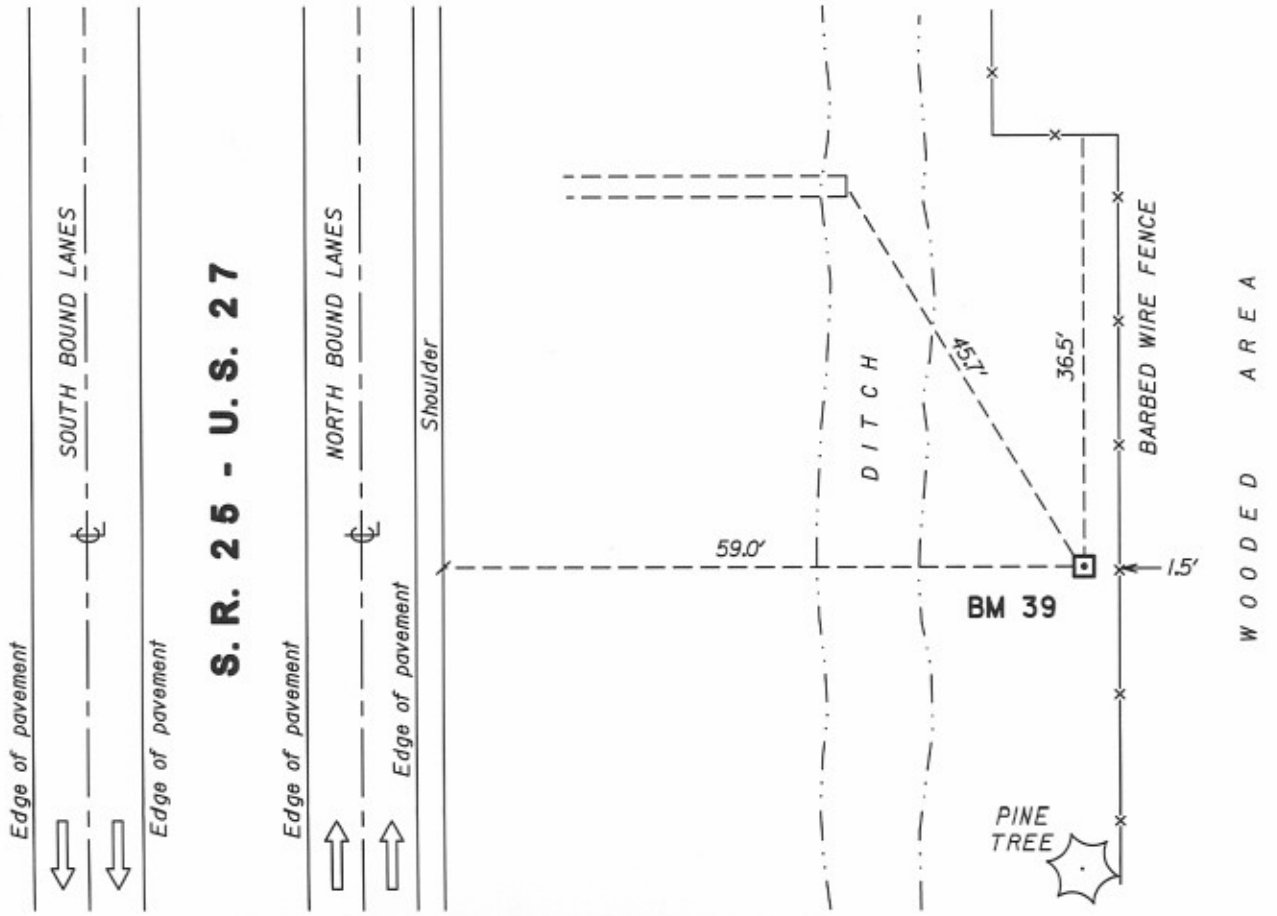
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 39", 1" ABOVE GROUND.

LOCATION DESCRIPTION: BENCHMARK IS 119.56 FT. RIGHT OF GEOMETRY BASE LINE STATION 141+63.89; 45.7 FT SOUTHEAST OF EAST END OF 18" R.C.P.; 36.5 FT. SOUTH OF JOG IN BARBED WIRE FENCE; 59.0 FT. EAST OF THE EAST EDGE OF PAVEMENT OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 545294.5 Y = 985181.8

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM - ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED - DESTROYED - ELEVATION (Meters): 20.710

NAME OR DESIGNATION BM 40 ELEVATION (Feet): 67.947

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: -

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 32 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO 1.30 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

-

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 40", 1" ABOVE GROUND.

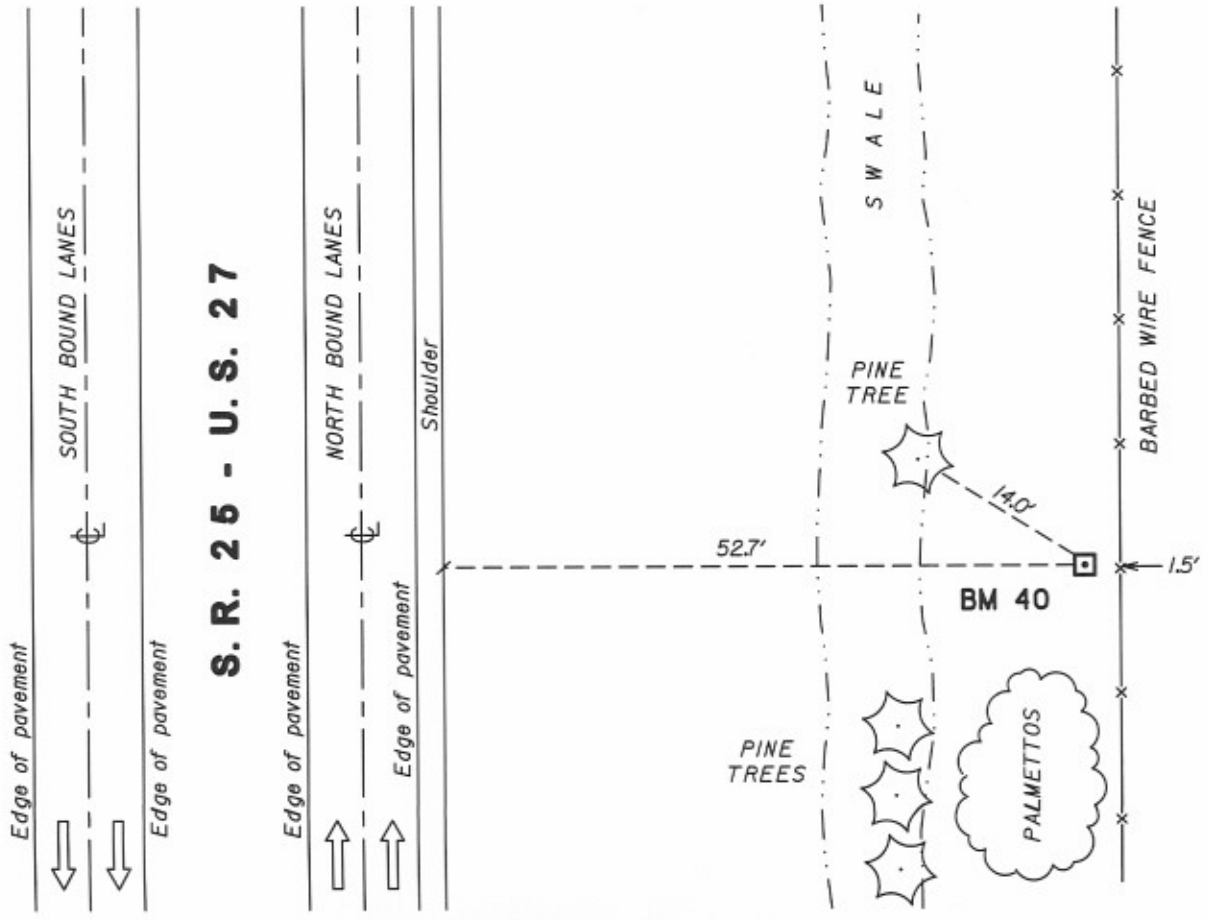
LOCATION DESCRIPTION: BENCHMARK IS 113.81 FT. RIGHT OF GEOMETRY BASE LINE STATION 151+57.59; 14.0 FT. SOUTHEAST OF A PINE TREE; 52.7 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF BARBED WIRE FENCE.

-

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 545441.7 Y = 986164.6

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM - ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED - DESTROYED - ELEVATION (Meters): 22.710

NAME OR DESIGNATION BM 41 ELEVATION (Feet): 74.509

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: -

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 29 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO 1.50 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

-

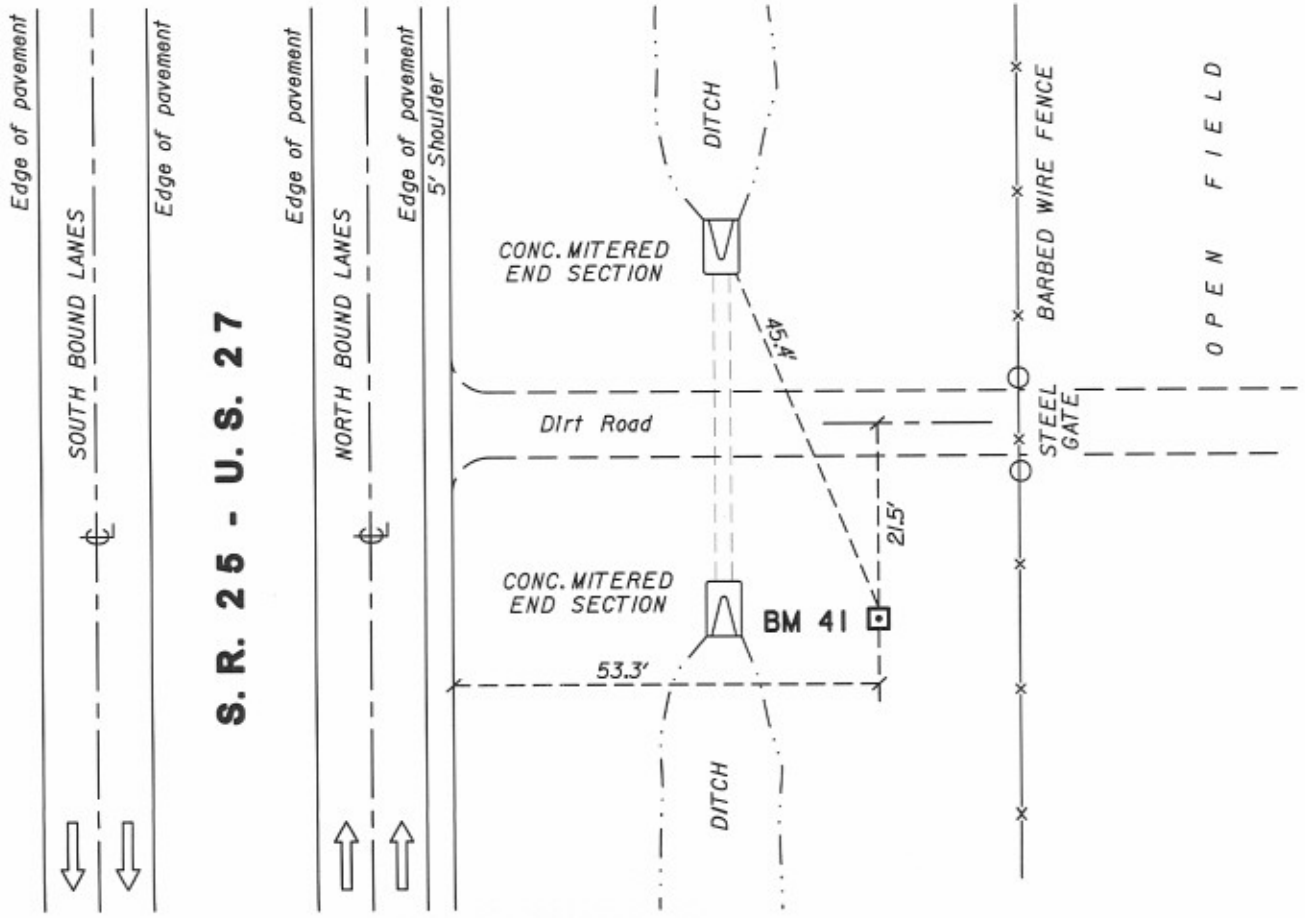
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 41".

LOCATION DESCRIPTION: BENCHMARK IS 114.42 FT. RIGHT OF GEOMETRY BASE LINE STATION 161+52.84; 45.4 FT. SOUTHEAST OF THE SOUTHEAST CORNER OF A MITERED END SECTION; 21.5 FT. SOUTH OF CENTER LINE OF DIRT ROAD; 53.3 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 545595.4 Y = 987147.9

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 23.975

NAME OR DESIGNATION BM 42 ELEVATION (Feet): 78.659

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 29 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

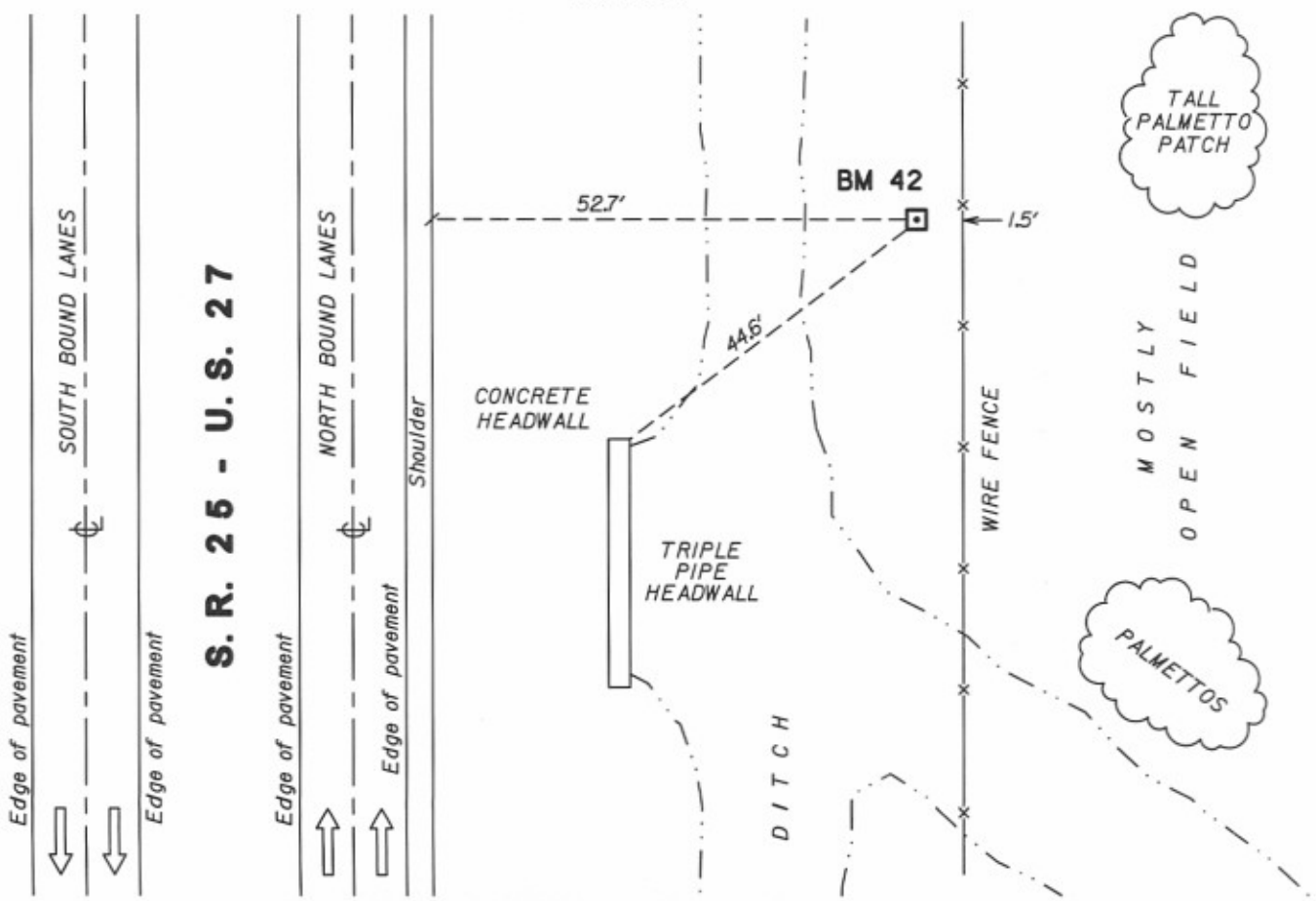
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO 1.70 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 42".

LOCATION DESCRIPTION: BENCHMARK IS 113.69 FT. RIGHT OF GEOMETRY BASE LINE STATION 171+44.62; 44.6 FT. NORTHEAST OF THE NORTHEAST CORNER OF CONCRETE HEADWALL; 52.7 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 545747.2 Y = 988127.9

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 25.551

NAME OR DESIGNATION BM 43 ELEVATION (Feet): 83.828

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 29 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

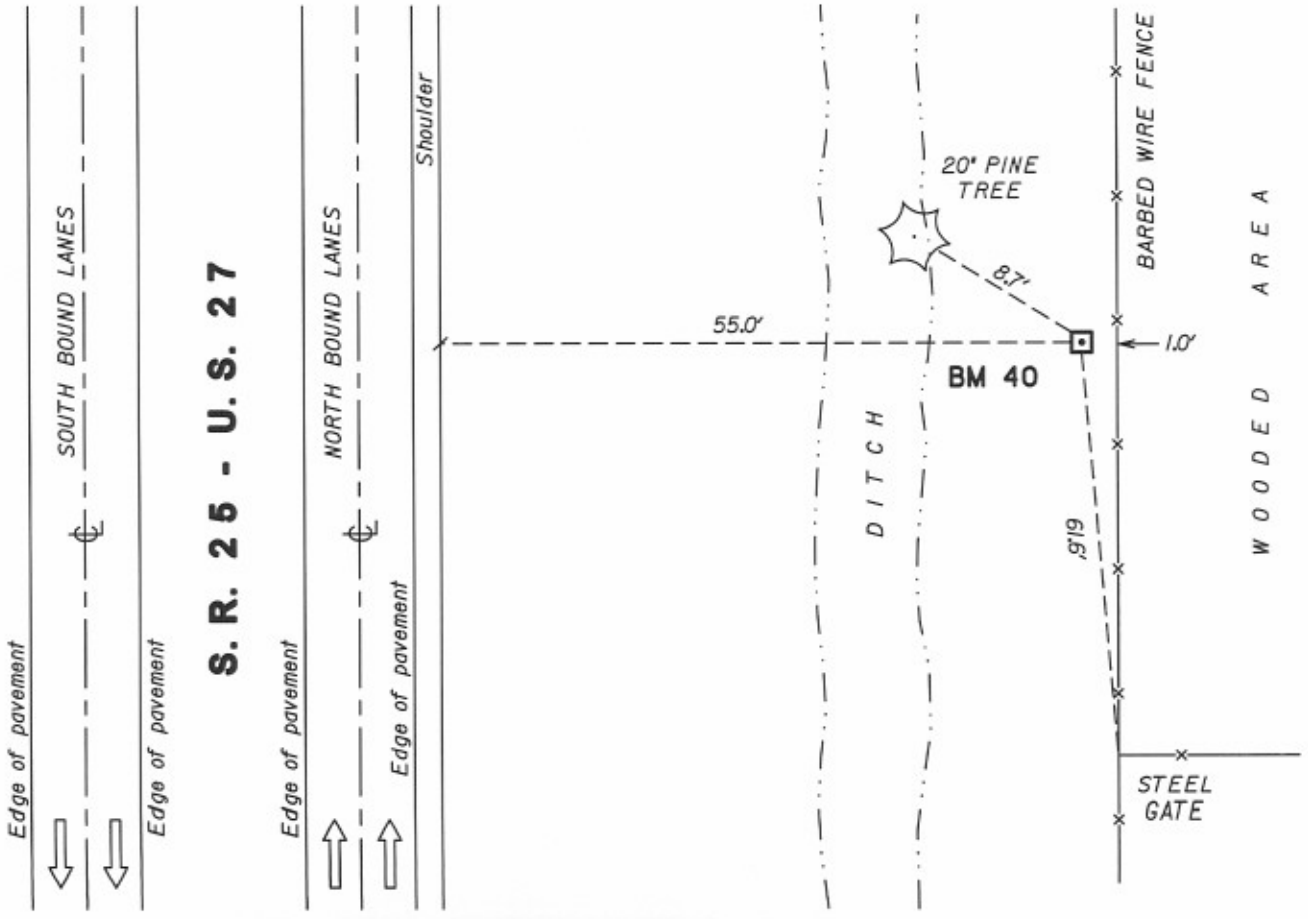
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO 1.90 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 43".

LOCATION DESCRIPTION: BENCHMARK IS 115.32 FT. RIGHT OF GEOMETRY BASE LINE STATION 181+45.08; 8.7 FT. SOUTHEAST OF A 20" PINE TREE; 61.5 FT. NORTH NORTHWEST OF A FENCE INTERSECTION; 55.0 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.0 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 545902.8 Y = 989116.2

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM - ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED - DESTROYED - ELEVATION (Meters): 27.244

NAME OR DESIGNATION BM 44 ELEVATION (Feet): 89.384

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: -

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 29 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 17; GO 2.1 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT.

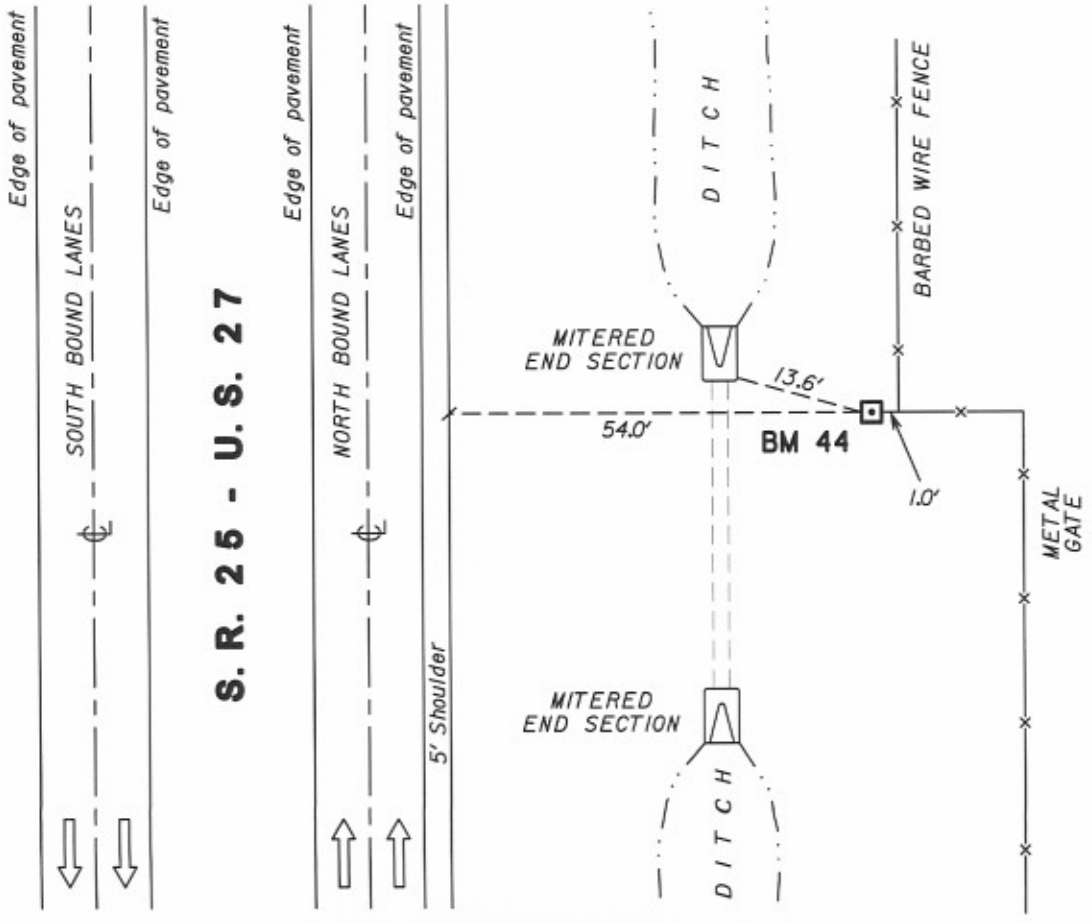
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 44", FLUSH WITH GROUND.

LOCATION DESCRIPTION: BENCHMARK IS 114.84 FT. RIGHT OF GEOMETRY BASE LINE STATION 190+99.82; 13.6 FT. SOUTHEAST OF SOUTHEAST CORNER OF MITERED END SECTION; 54.0 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.0 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 546049.2 Y = 990059.7

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 30.088

NAME OR DESIGNATION BM 45 ELEVATION (Feet): 98.713

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 29 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

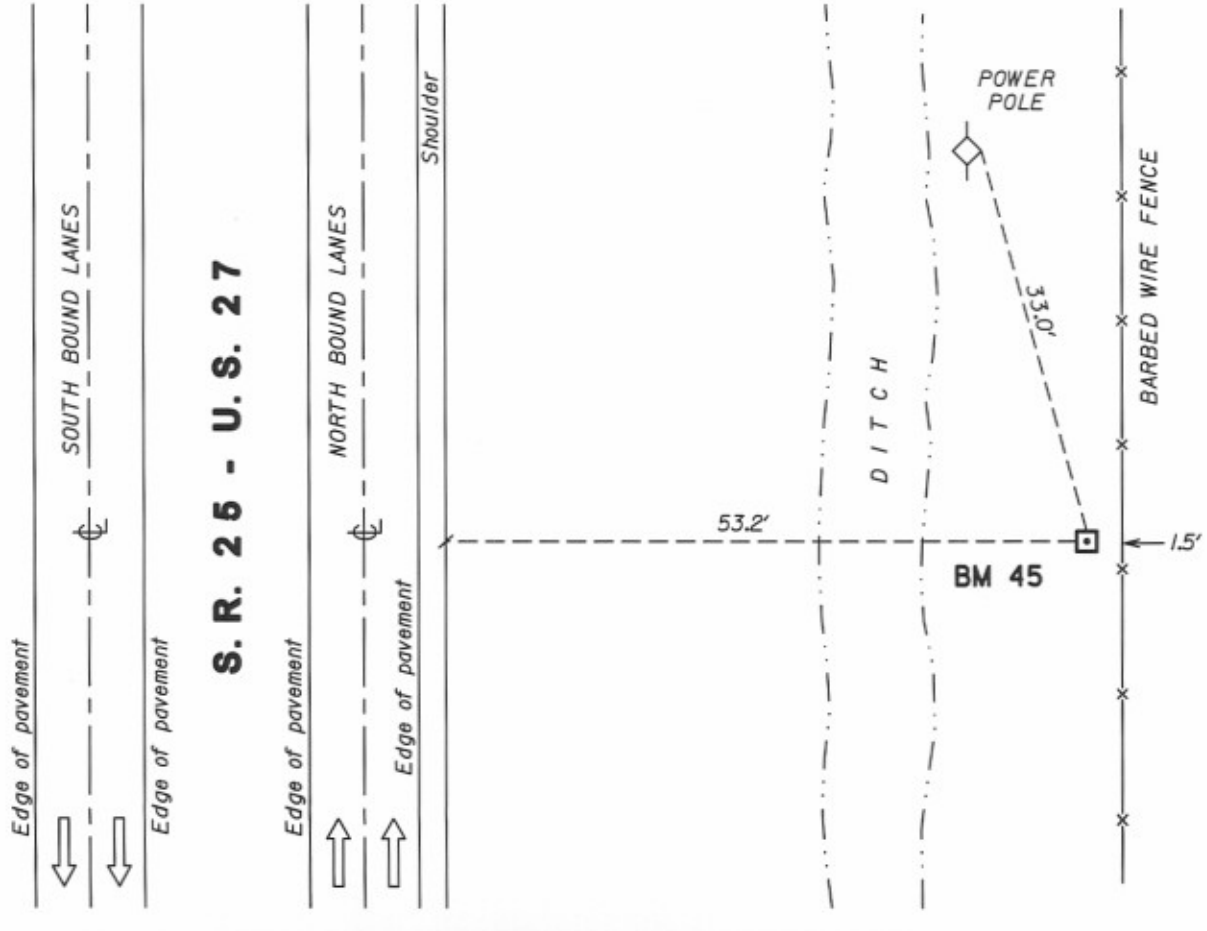
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 0.4 MILE SOUTH ON S.R. 25 / U.S. 27 TO MARK ON LEFT SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 45", FLUSH WITH GROUND.

LOCATION DESCRIPTION: BENCHMARK IS 114.14 FT. RIGHT OF GEOMETRY BASE LINE STATION 200+97.57; 33.0 FT. SOUTHEAST OF POWER POLE; 53.2 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 546202.0 Y = 991045.7

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 32.911

NAME OR DESIGNATION BM 46 ELEVATION (Feet): 107.976

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 20 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 0.20 MILE SOUTH ON S.R. 25 / U.S. 27 TO MARK ON LEFT SIDE OF ROAD.

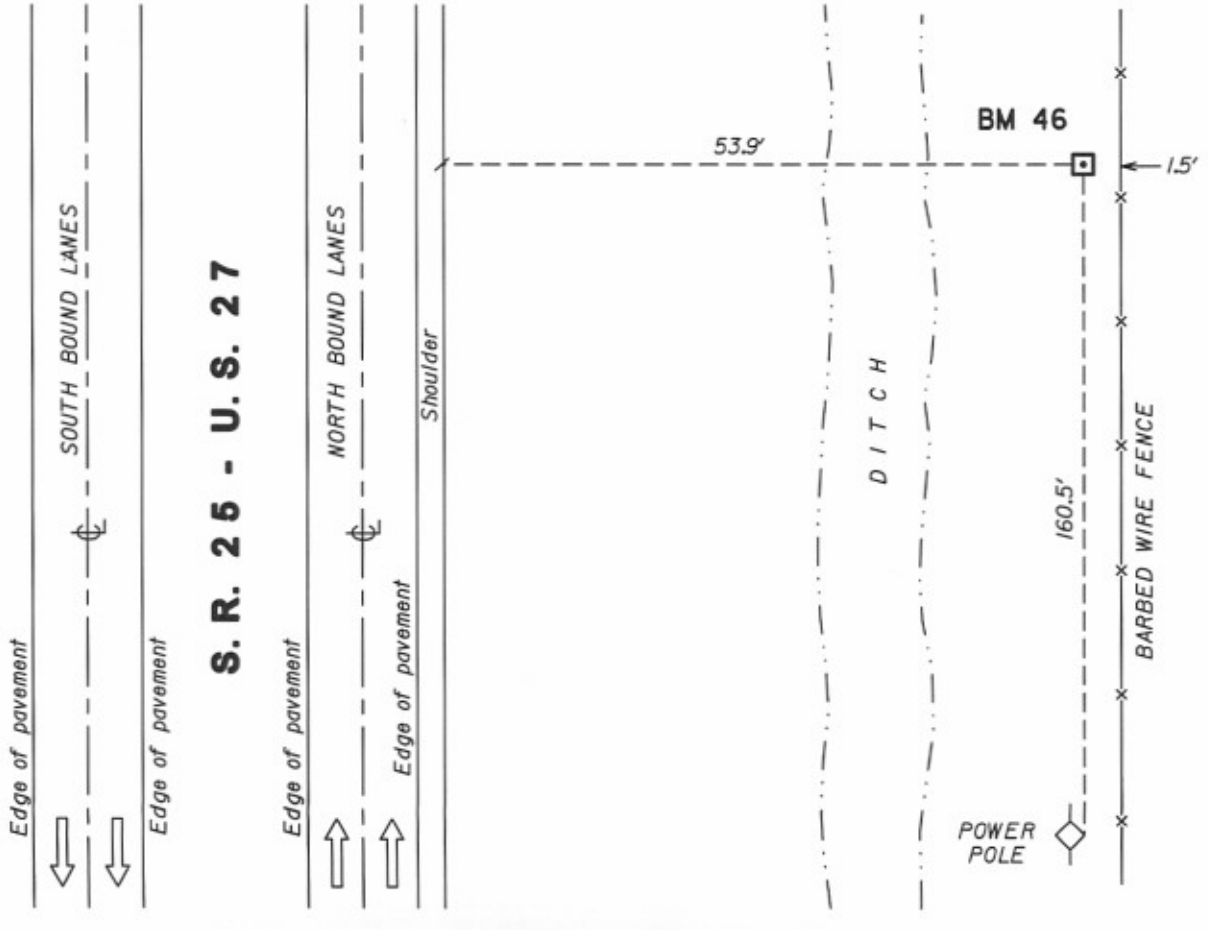
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 46".

LOCATION DESCRIPTION: BENCHMARK IS 114.38 FT. RIGHT OF GEOMETRY BASE LINE STATION 210+94.35; 160.5 FT. NORTH OF A POWER POLE; 53.9 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [.] X = 546355.6 Y = 992030.6

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 34.850

NAME OR DESIGNATION BM 47 ELEVATION (Feet): 114.338

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 20 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

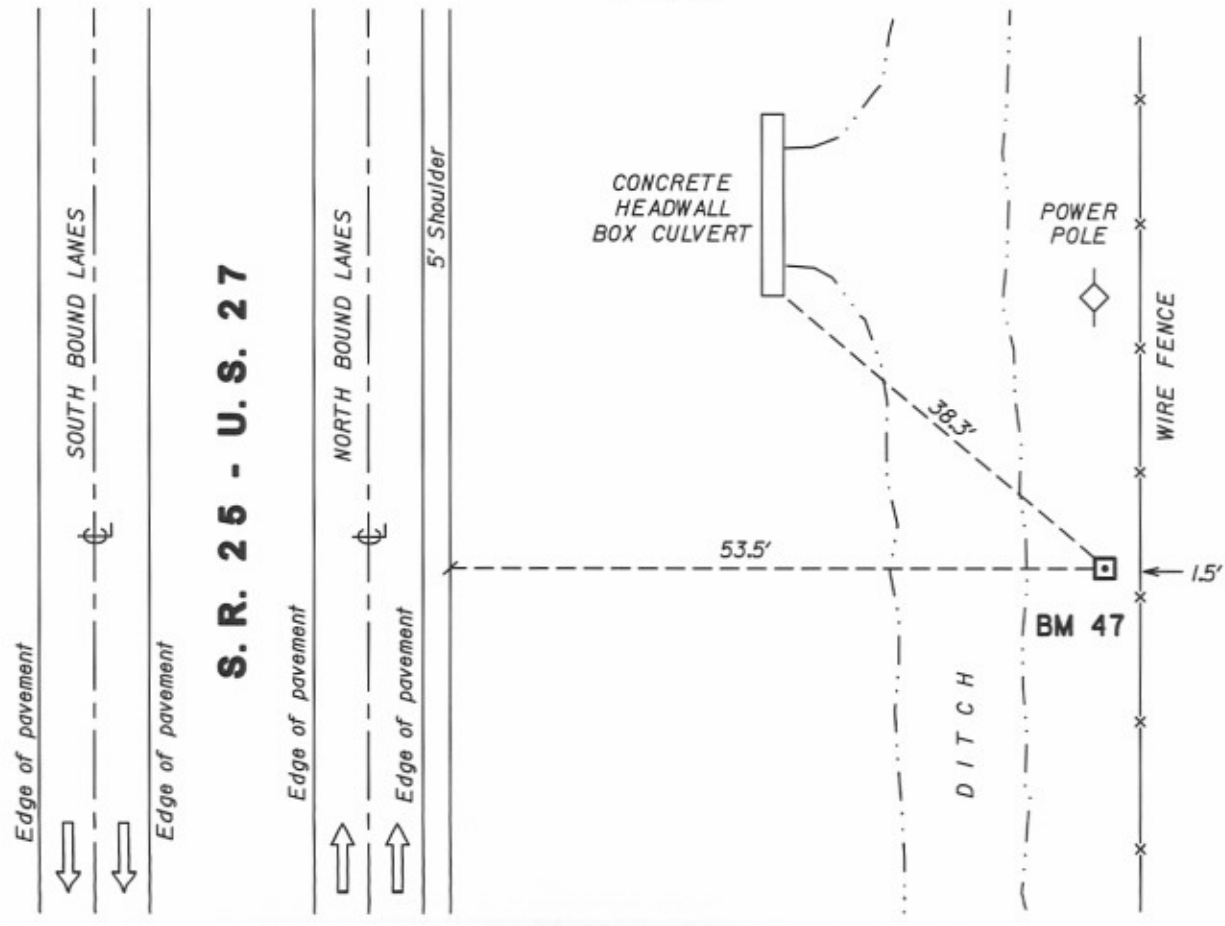
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 0.10 MILE SOUTH ON S.R. 25 / U.S. 27 TO MARK ON LEFT SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED " BM 47", FLUSH WITH GROUND.

LOCATION DESCRIPTION: BENCHMARK IS 114.79 FT. RIGHT OF GEOMETRY BASE LINE STATION 221+01.86; 38.3 FT. SOUTHEAST OF THE SOUTHEAST CORNER OF A CONCRETE END WALL; 53.5 FT. EAST OF THE EAST EDGE OF A PAVED SHOULDER; 1.5 FT. WEST OF A BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 546511.0 Y = 993026.0

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 35.711

NAME OR DESIGNATION BM VENUS 2 ELEVATION (Feet): 117.161

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 20 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 20 FEET NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

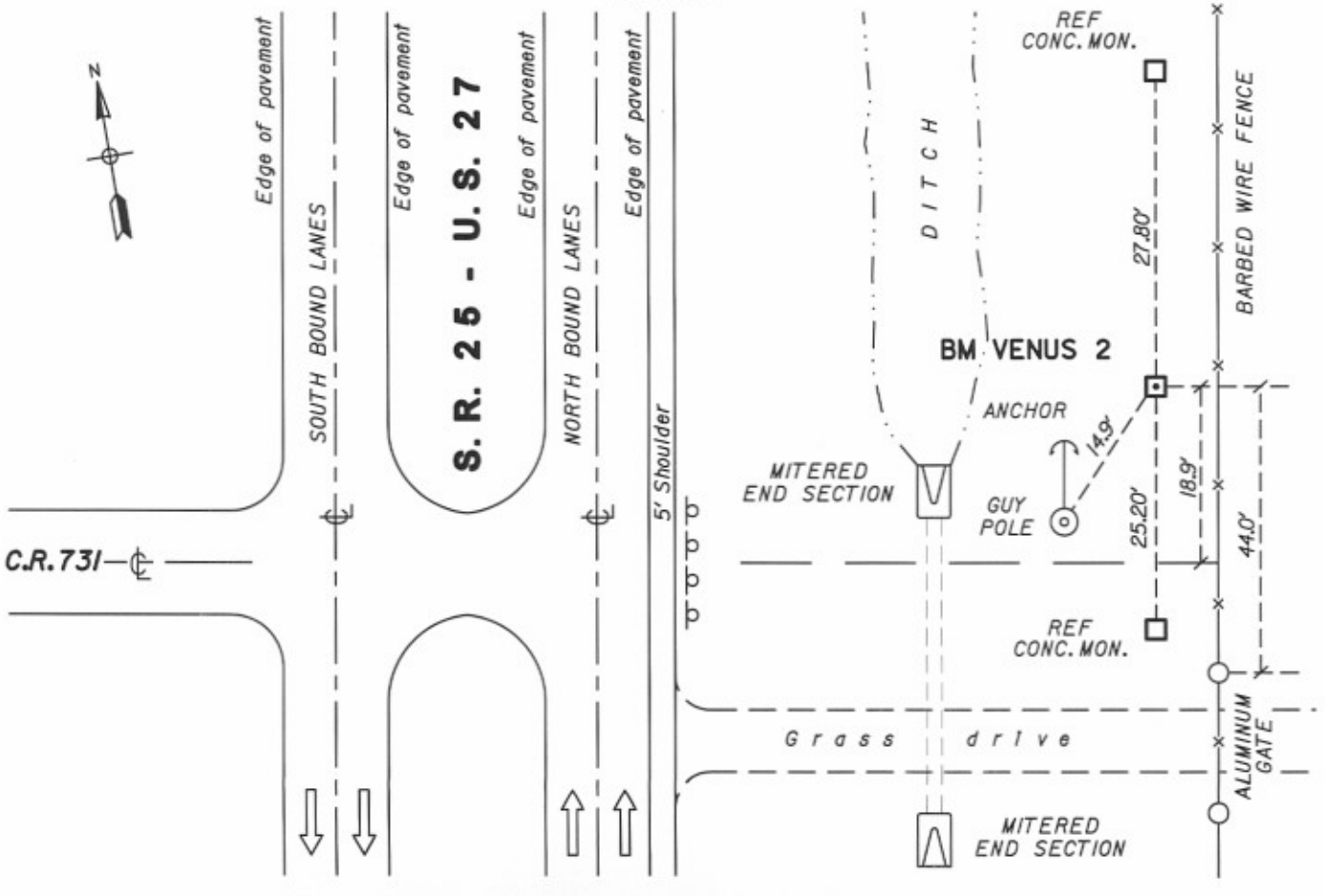
DESCRIPTION OF MARK: STANDARD N.G.S. BRONZE DISK IN CAST IN PLACE MONUMENT, STAMPED "VENUS 2 1973".

LOCATION DESCRIPTION: BENCH MARK IS 113.67 FT. RIGHT OF GEOMETRY BASE LINE STATION 226+04.393; 14.9' NORTHEAST OF A GUY POLE; AND 44.0' NORTH OF A GATE POST.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 36.745

NAME OR DESIGNATION BM 48 ELEVATION (Feet): 120.554

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 20 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO NORTH 0.10 MILE ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

_

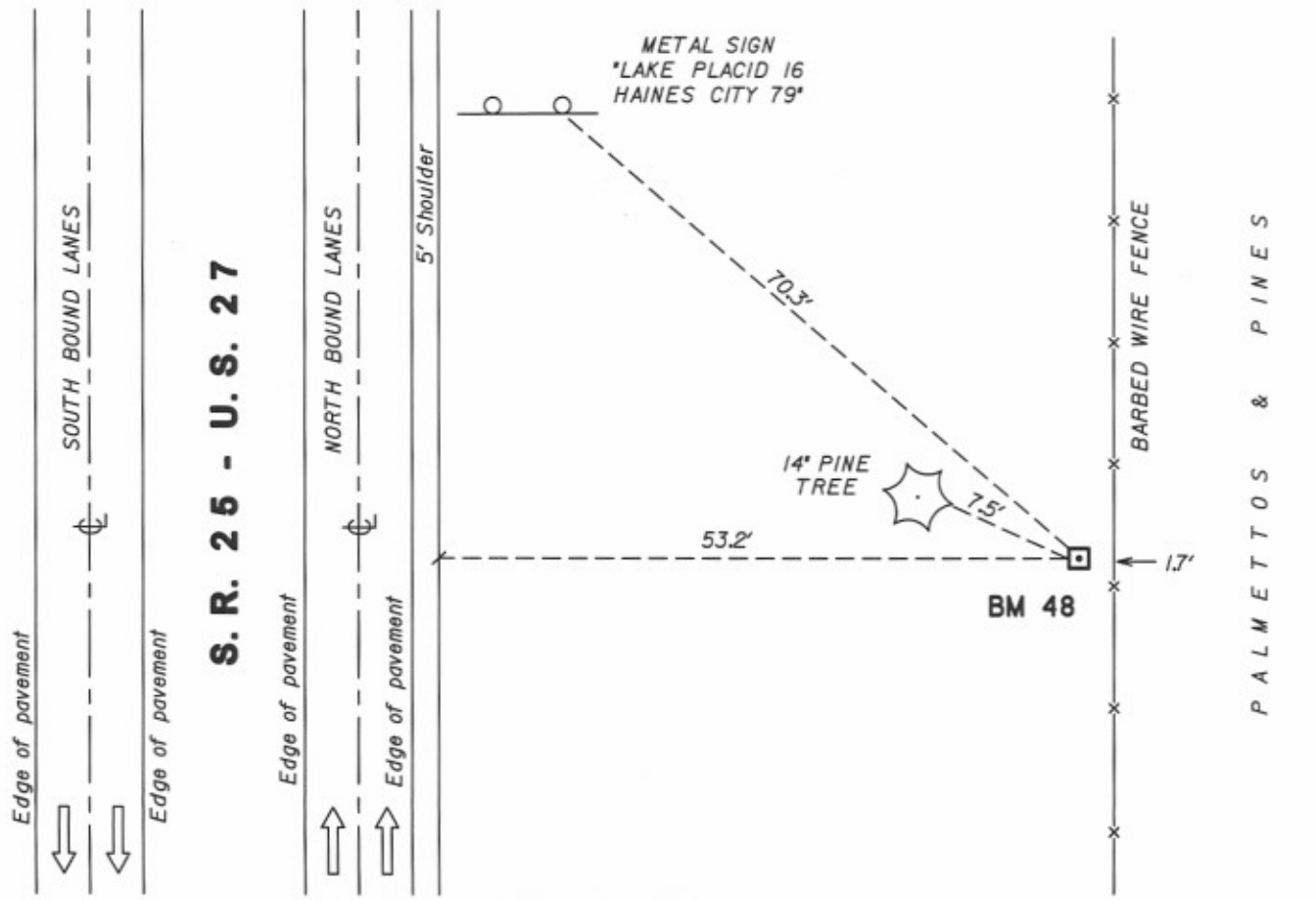
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 48".

LOCATION DESCRIPTION: BENCHMARK IS 114.43 FT. RIGHT OF GEOMETRY BASE LINE STATION 230+96.37; 70.3 FT. SOUTHEAST OF THE EAST POST OF A MULTI-SUPPORT SIGN; 7.5 FT. SOUTHEAST OF A 14" PINE TREE; 53.2 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.7 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 546817.4 Y = 994993.5

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 36.677

NAME OR DESIGNATION BM 49 ELEVATION (Feet): 120.330

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 20 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

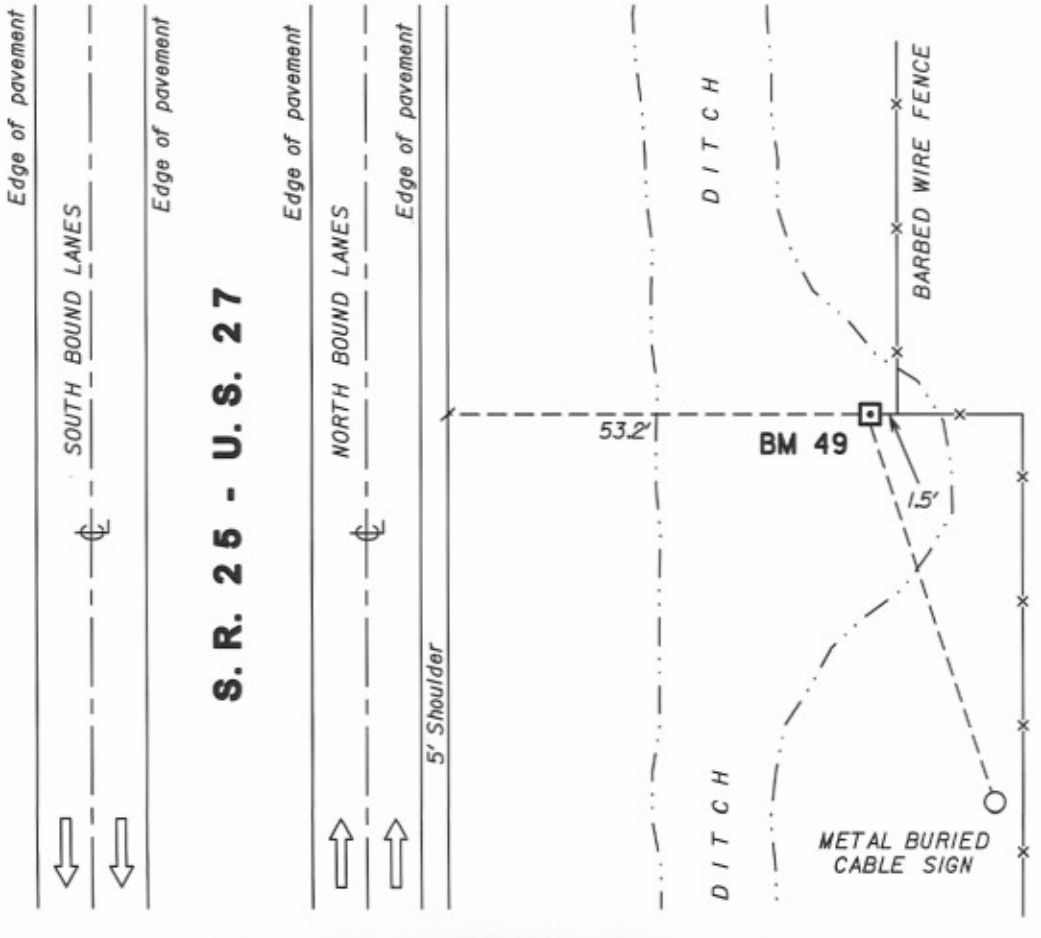
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO NORTH 0.30 MILE ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 49".

LOCATION DESCRIPTION: BENCHMARK IS 114.92 FT. RIGHT OF GEOMETRY BASE LINE STATION 240+93.08; 53.2 FT. EAST OF THE EAST EDGE OF A PAVED SHOULED; 1.5 FT. WEST OF A BARBED WIRE FENCE CORNER.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 546817.4 Y = 994993.5

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 38.297

NAME OR DESIGNATION BM 50 ELEVATION (Feet): 125.647

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 20 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 0.50 MILE NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

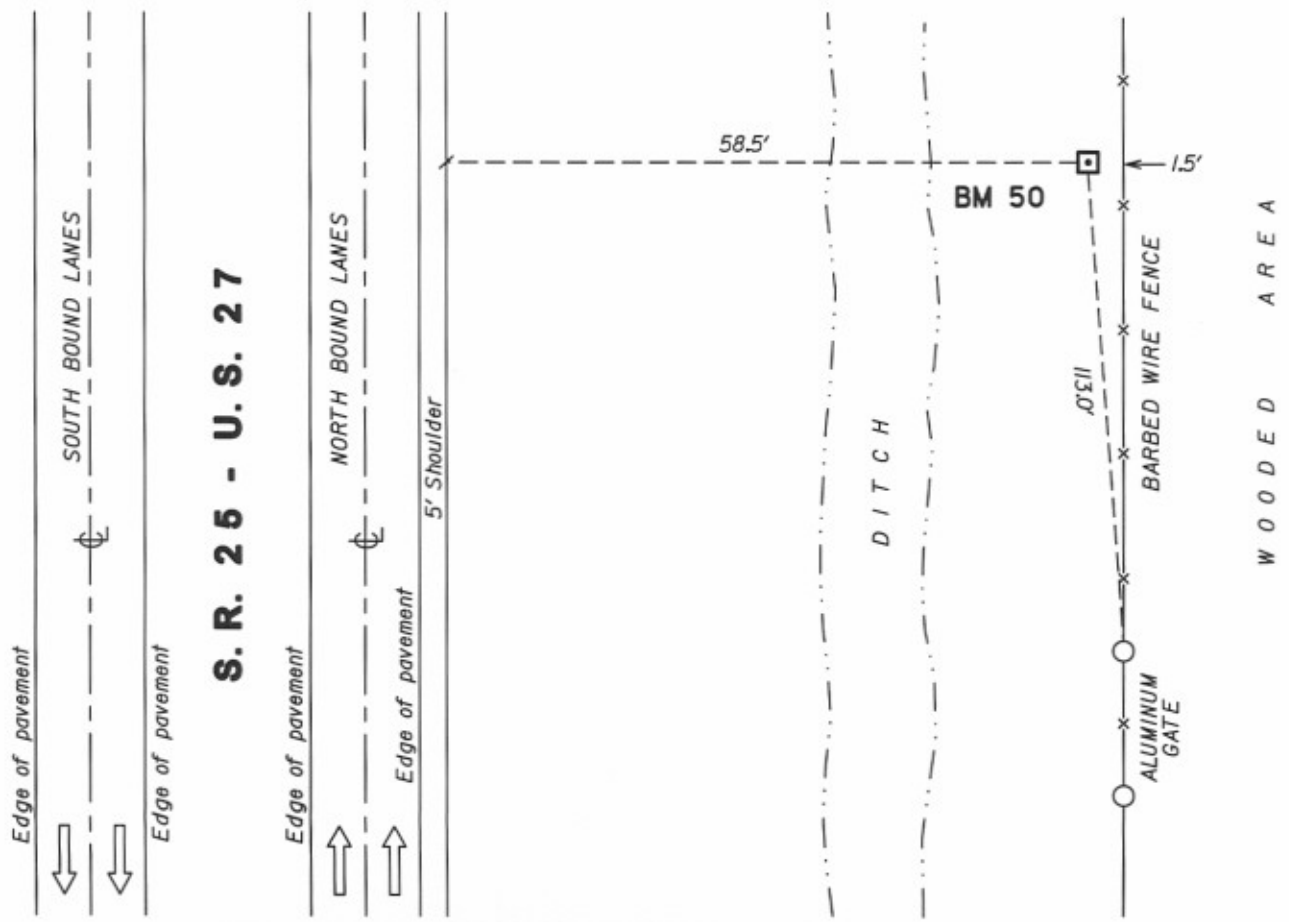
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 50", FLUSH WITH GROUND.

LOCATION DESCRIPTION: BENCHMARK IS 119.82 FT. RIGHT OF GEOMETRY BASE LINE STATION 250+92.43; 113.0 FT. NORTH OF A GATE POST; 58.5 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 546976.0 Y = 995980.2

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 38.281

NAME OR DESIGNATION BM 51 ELEVATION (Feet): 125.593

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 17 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 0.70 MILE NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

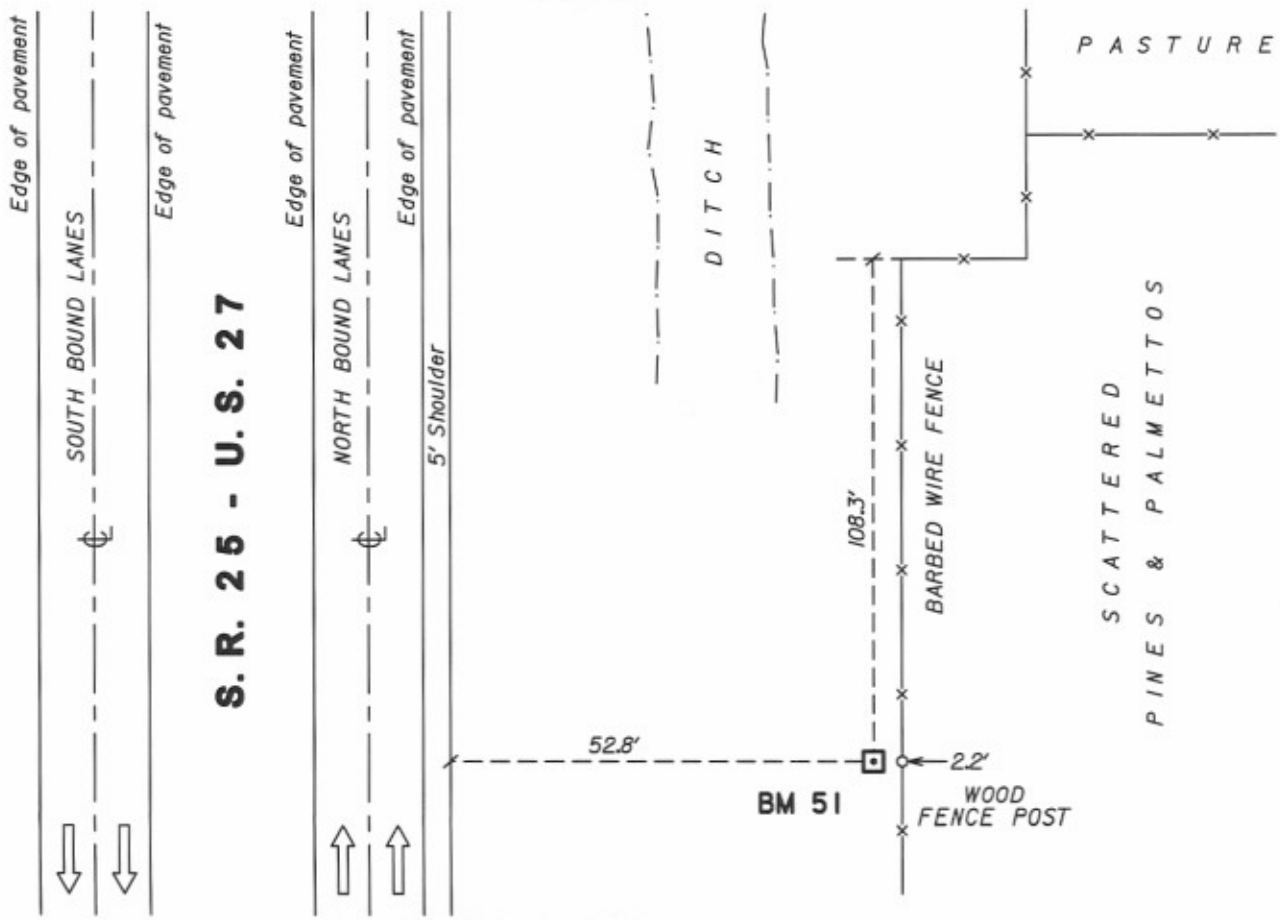
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 51".

LOCATION DESCRIPTION: BENCHMARK IS 113.79 FT. RIGHT OF GEOMETRY BASE LINE STATION 260+90.50; 108.3 FT. SOUTH OF JOG IN FENCE LINE; 52.8 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 2.2 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 547123.6 Y = 996967.3

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 38.312

NAME OR DESIGNATION BM 52 ELEVATION (Feet): 125.697

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 17 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R.731; GO 0.85 MILE NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

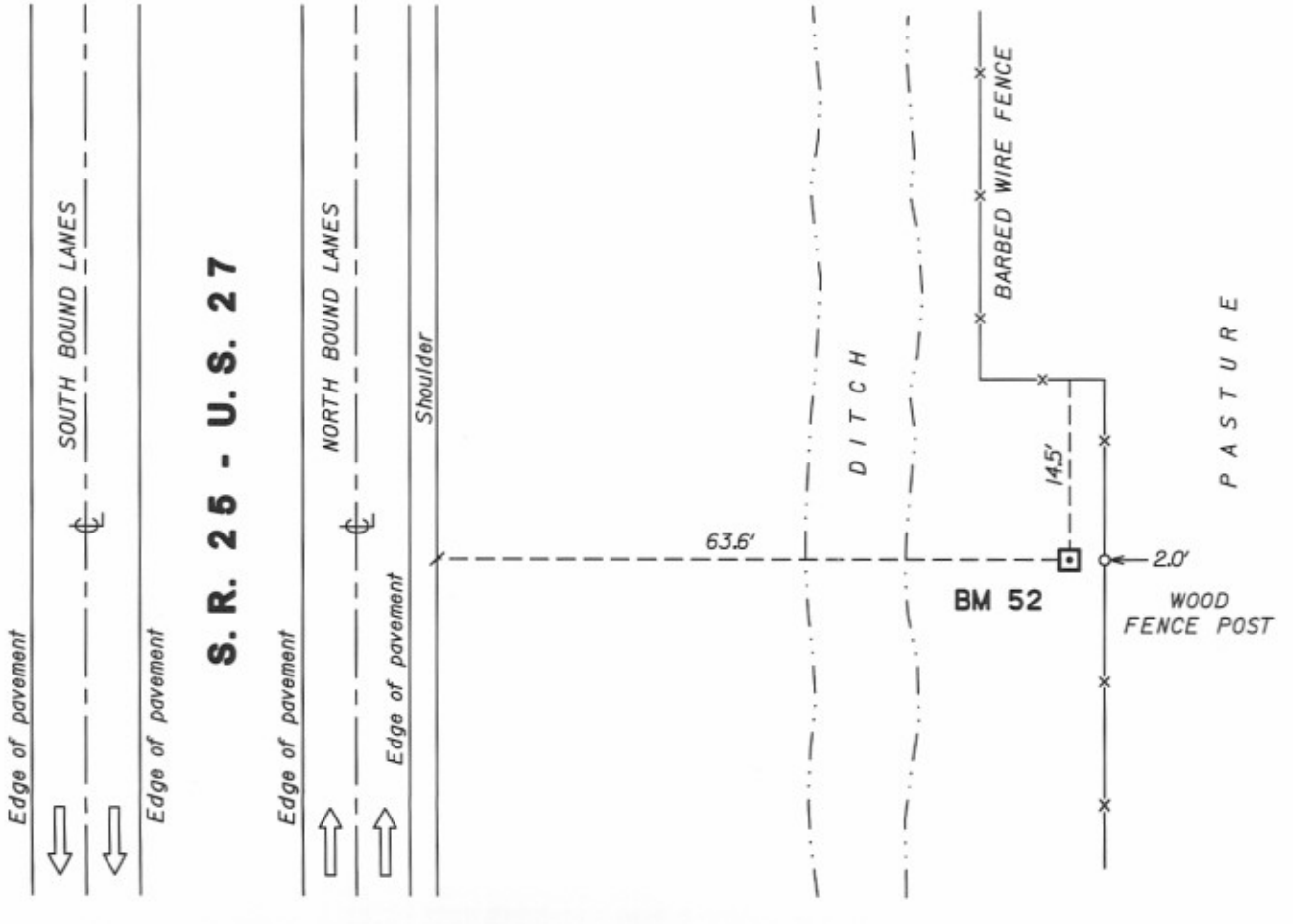
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 52".

LOCATION DESCRIPTION: BENCHMARK IS 124.06 FT. RIGHT OF GEOMETRY BASE LINE STATION 270+85.49; 14.5 FT. SOUTH OF JOG IN FENCE LINE; 63.6 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 2.0 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 547261.8 Y = 997959.7

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 38.248

NAME OR DESIGNATION BM 53 ELEVATION (Feet): 125.486

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 17 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 1.05 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

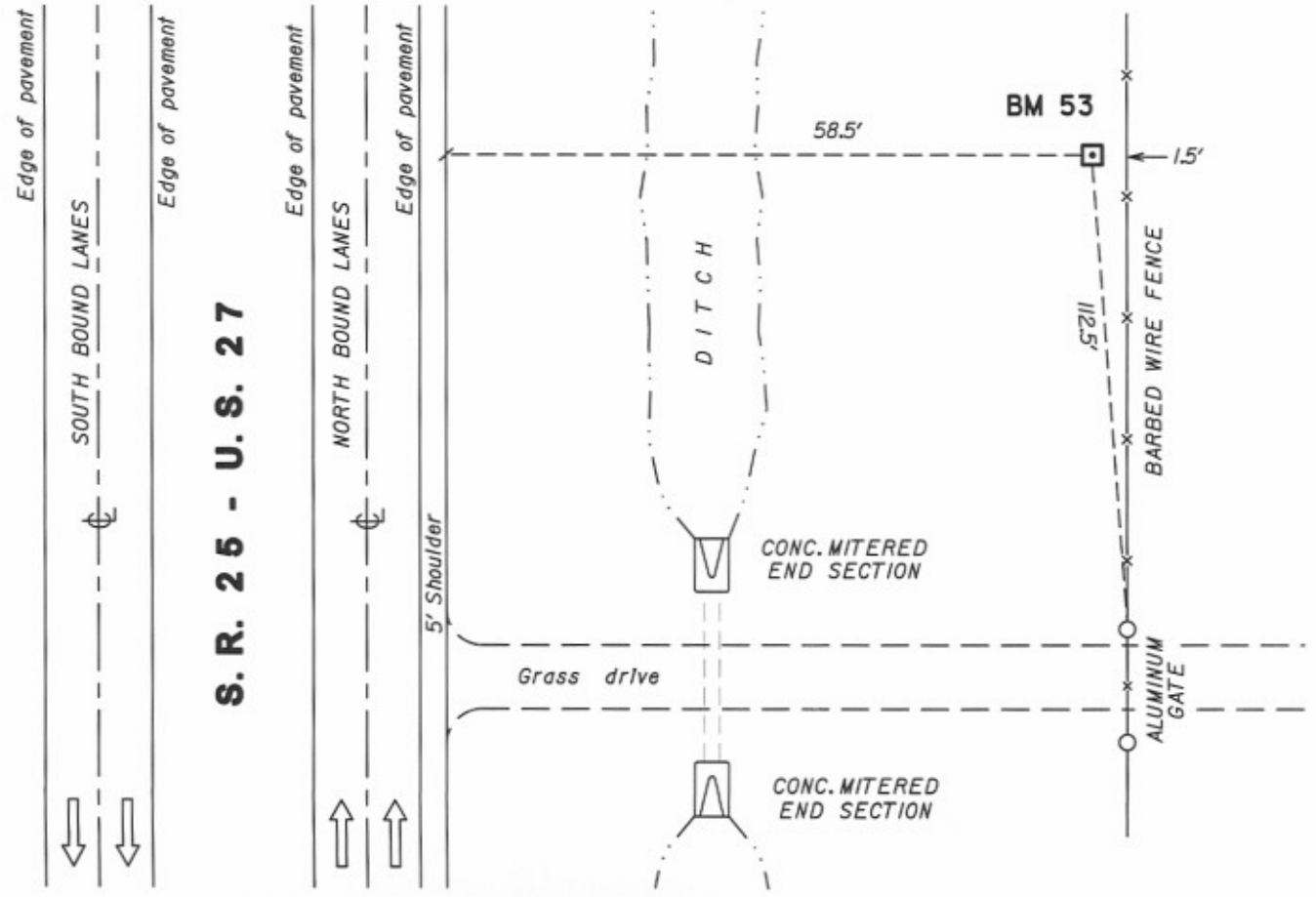
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 53".

LOCATION DESCRIPTION: BENCHMARK IS 119.52 FT. RIGHT OF GEOMETRY BASE LINE STATION 280+85.20; 112.5 FT. NORTH OF GATE POST; 58.5 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 547351.4 Y = 998955.4

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 38.603

NAME OR DESIGNATION BM 54 ELEVATION (Feet): 126.649

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 17 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731 GO NORTH 1.25 MILES ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

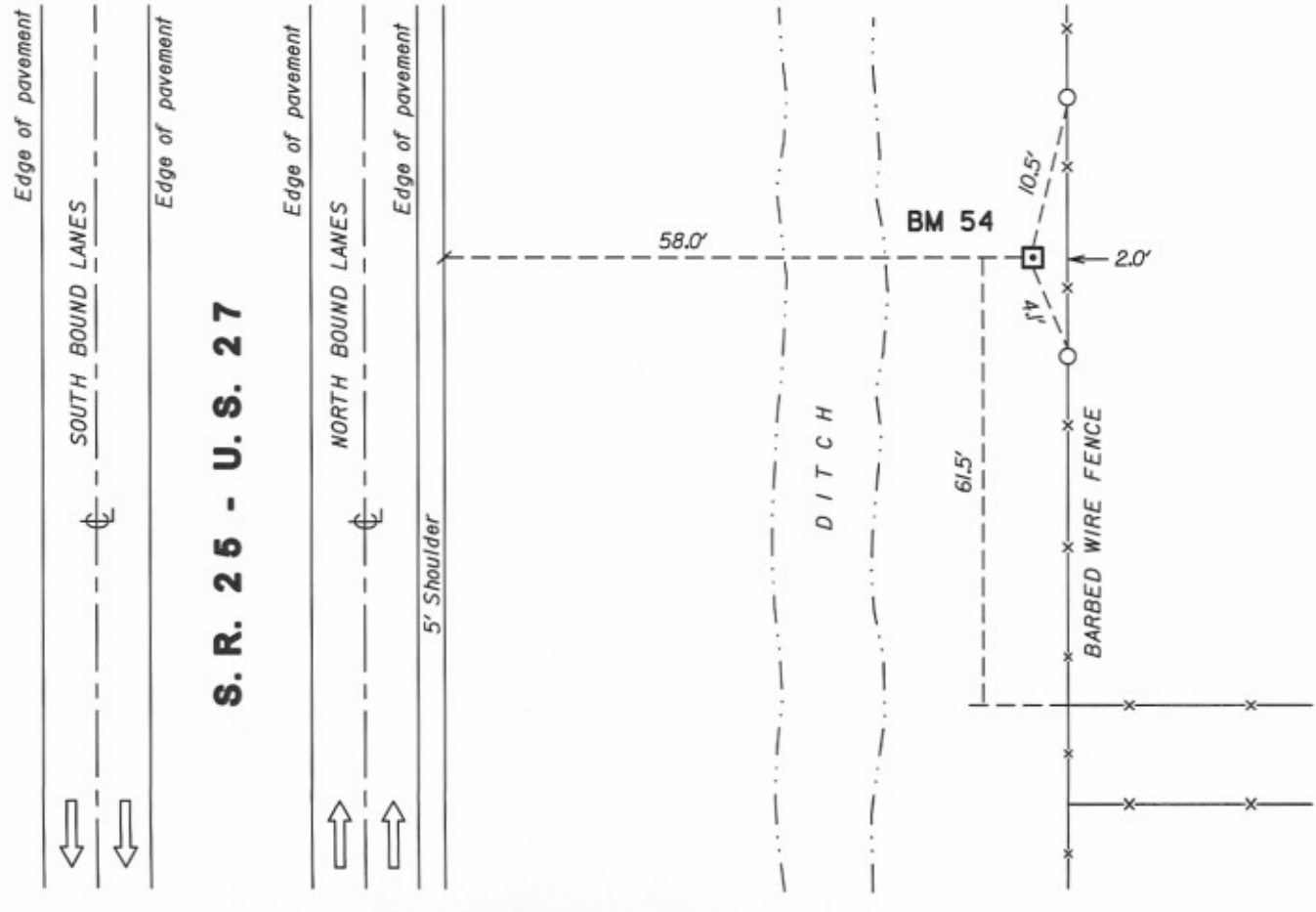
_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 54".

LOCATION DESCRIPTION: BENCHMARK IS 118.43 FT. RIGHT OF GEOMETRY BASE LINE STATION 290+87.41; 61.5 FT. NORTH OF FENCE INTERSECTION; 4.1 FT. NORTHWEST OF WOOD FENCE POST; 58.0 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 2.0 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 547444.7 Y = 999953.3

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 **ESTABLISHED BY (MARK ONE)** (NETWORK) OR GPS

HORIZONTAL DATUM _ **ESTABLISHED BY (MARK ONE)** NETWORK OR GPS

NEW X **RECOVERED** _ **DESTROYED** _ **ELEVATION (Meters):** 39.417

NAME OR DESIGNATION BM 55 **ELEVATION (Feet):** 129.321

DATE ESTABLISHED (Recovered) DEC. 2000 **S.L.D. MILEPOST:** _

COUNTY HIGHLANDS **S.R. No.** 25 **FINANCIAL PROJECT ID :** 194435-2-52-01

SECTION 17 **TOWNSHIP** 39 S. **RANGE** 30 E. **STATE PROJECT No.:** 09010-000

PARTY CHIEF JEFF STILL **FIRM** DENI ASSOC. INC. **FIELD BOOK No.:** 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 1.44 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON RIGHT SIDE OF ROAD.

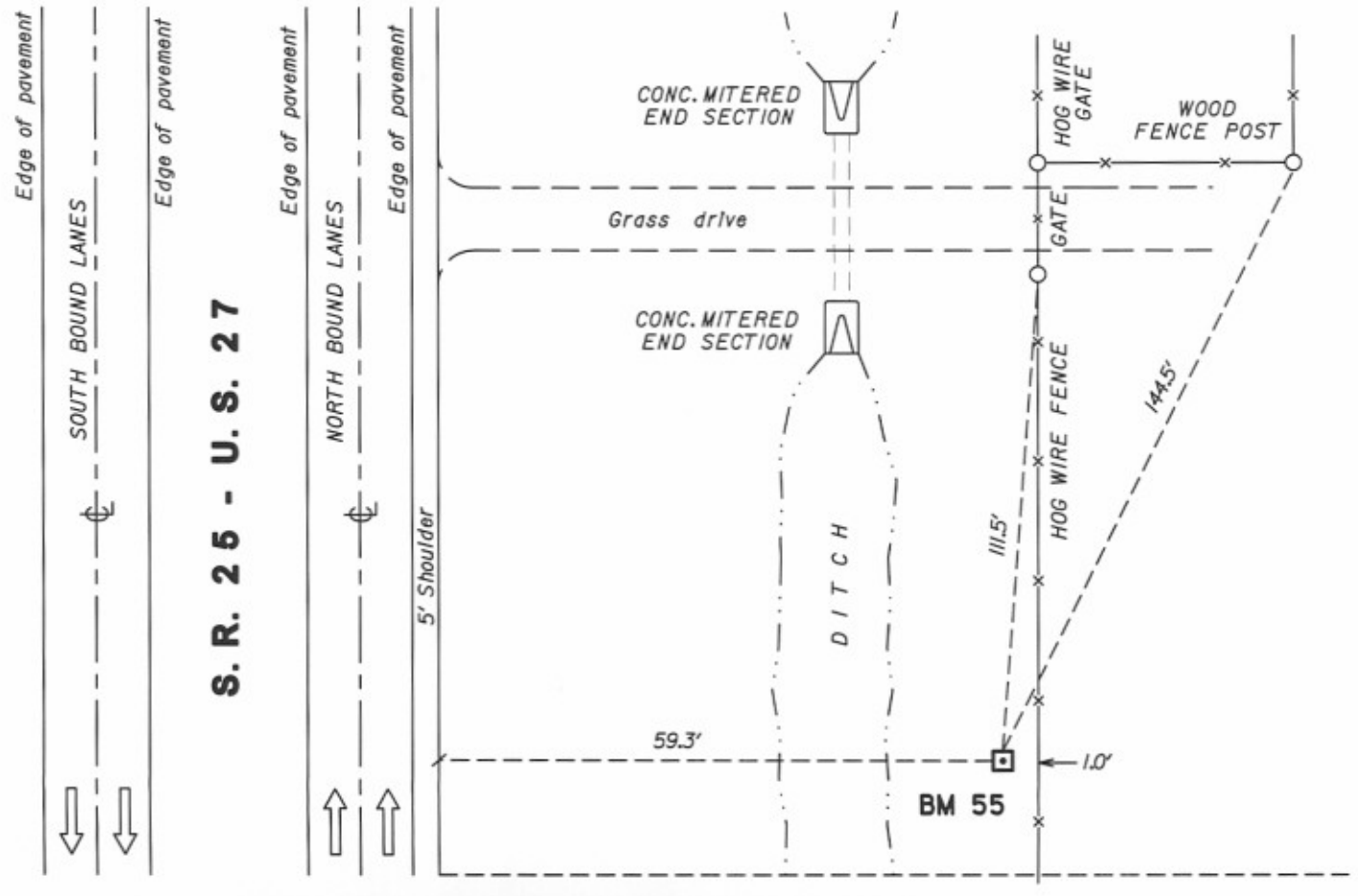
_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 55".

LOCATION DESCRIPTION: BENCHMARK IS 119.94 FT. RIGHT OF GEOMETRY BASE LINE STATION 300+89.31; 144.5 FT. SOUTH WEST OF OF FENCE CORNER; 111.5 FT. SOUTH OF A GATE POST; 59.3 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.0 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [.] **X =** 547540.5 **Y =** 1000950.6

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 39.921

NAME OR DESIGNATION BM 56 ELEVATION (Feet): 130.975

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 17 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 1.60 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

_

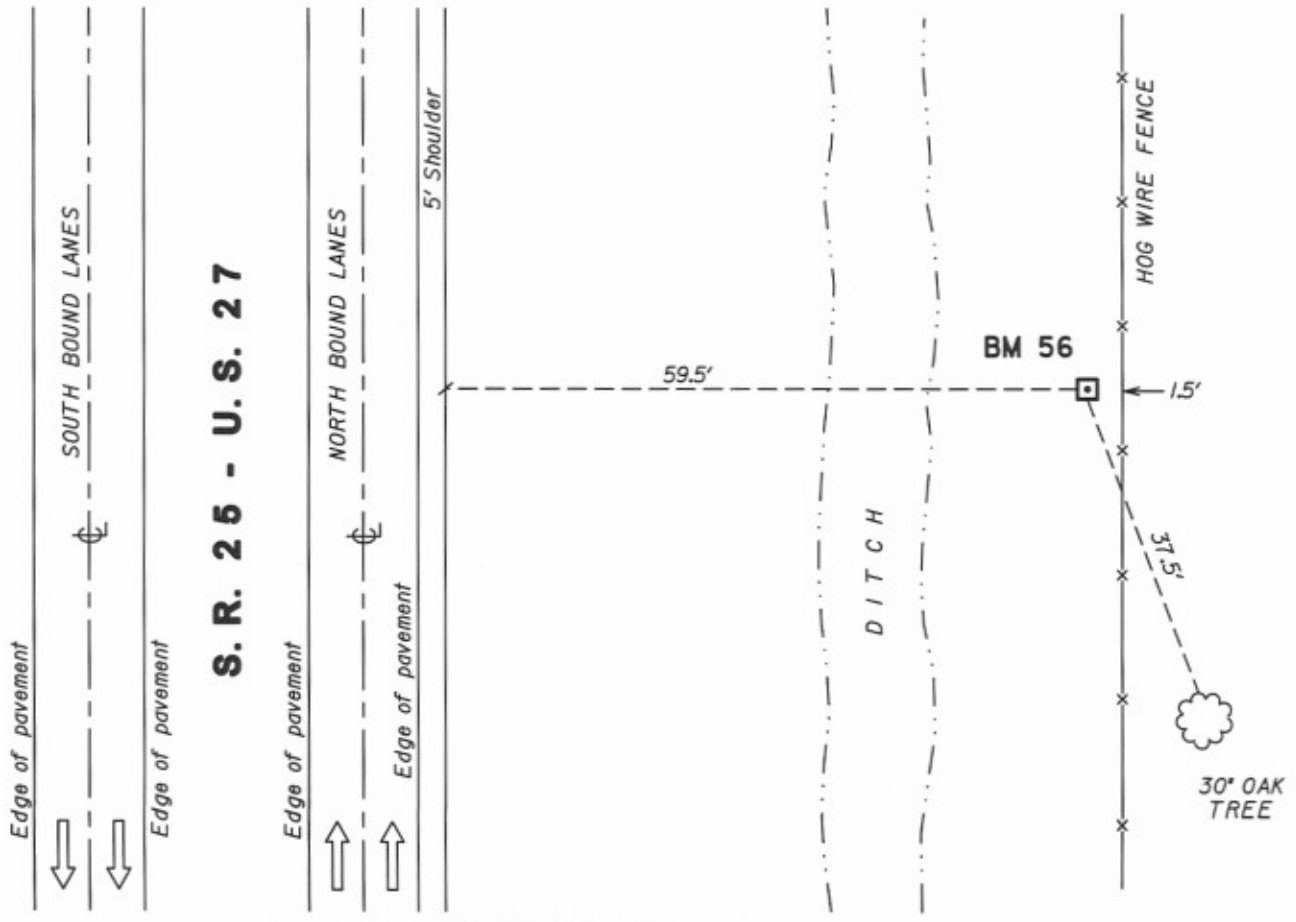
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 56".

LOCATION DESCRIPTION: BENCHMARK IS 120.14 FT. RIGHT OF GEOMETRY BASE LINE STATION 310+72.96; 37.5 FT. NORTHWEST OF A 30" OAK TREE; 59.5 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF BARBED WIRE FENCE.

_

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 547633.3 Y = 1001929.9

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 40.459

NAME OR DESIGNATION BM 57 ELEVATION (Feet): 132.738

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 8 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 1.80 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

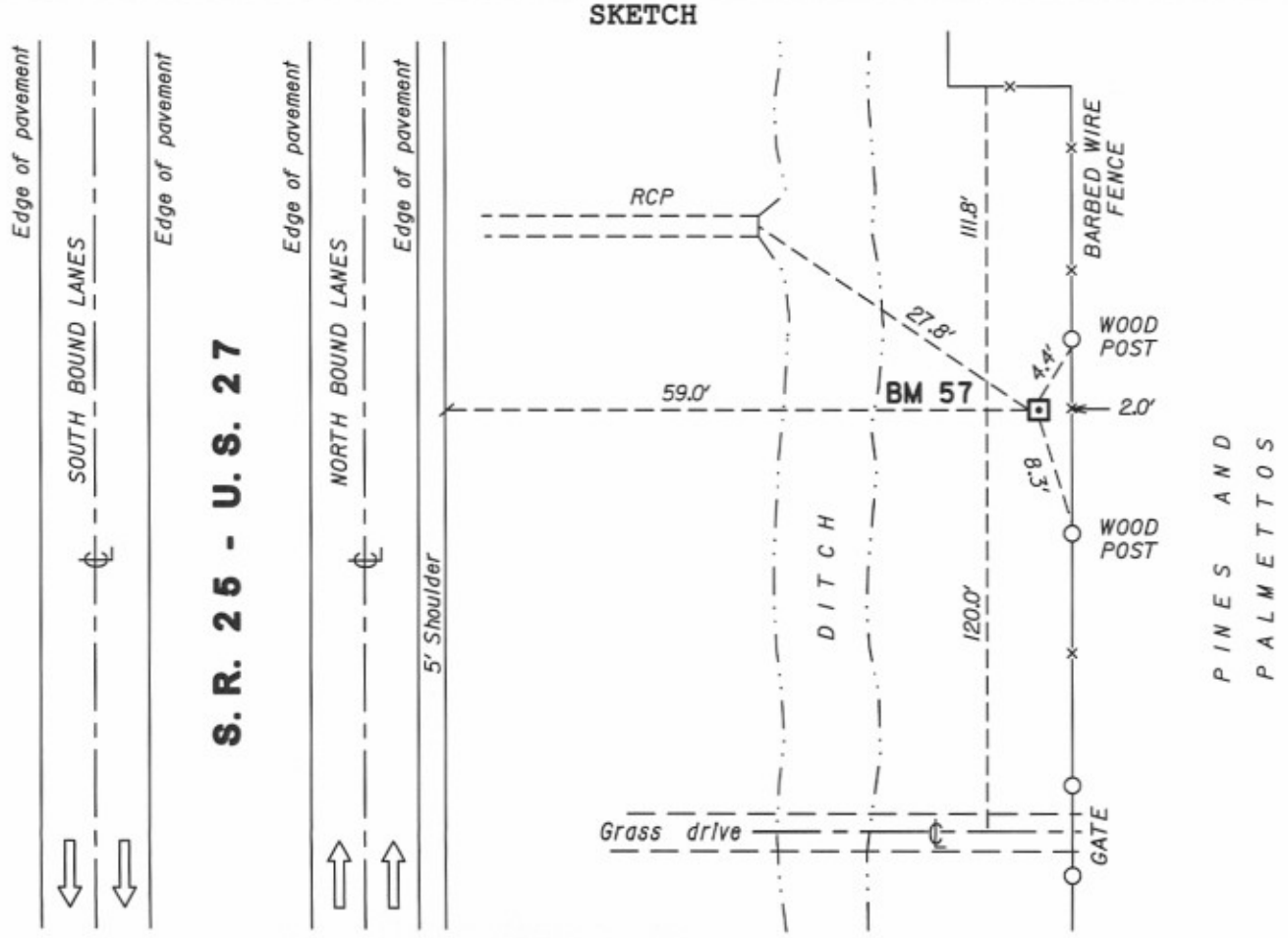
_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 57".

LOCATION DESCRIPTION: BENCHMARK IS119.24 FT. RIGHT OF GEOMETRY BASE LINE STATION 320+86.99; 111.8 FT. SOUTH OF JOG IN FENCE LINE; 27.8 FT. SOUTHEAST OF EAST END OF RCP; 59.0 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 2.0 FT. WEST OF BARBED WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 547727.9 Y = 1002939.5

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 40.767

NAME OR DESIGNATION BM 58 ELEVATION (Feet): 133.749

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 8 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

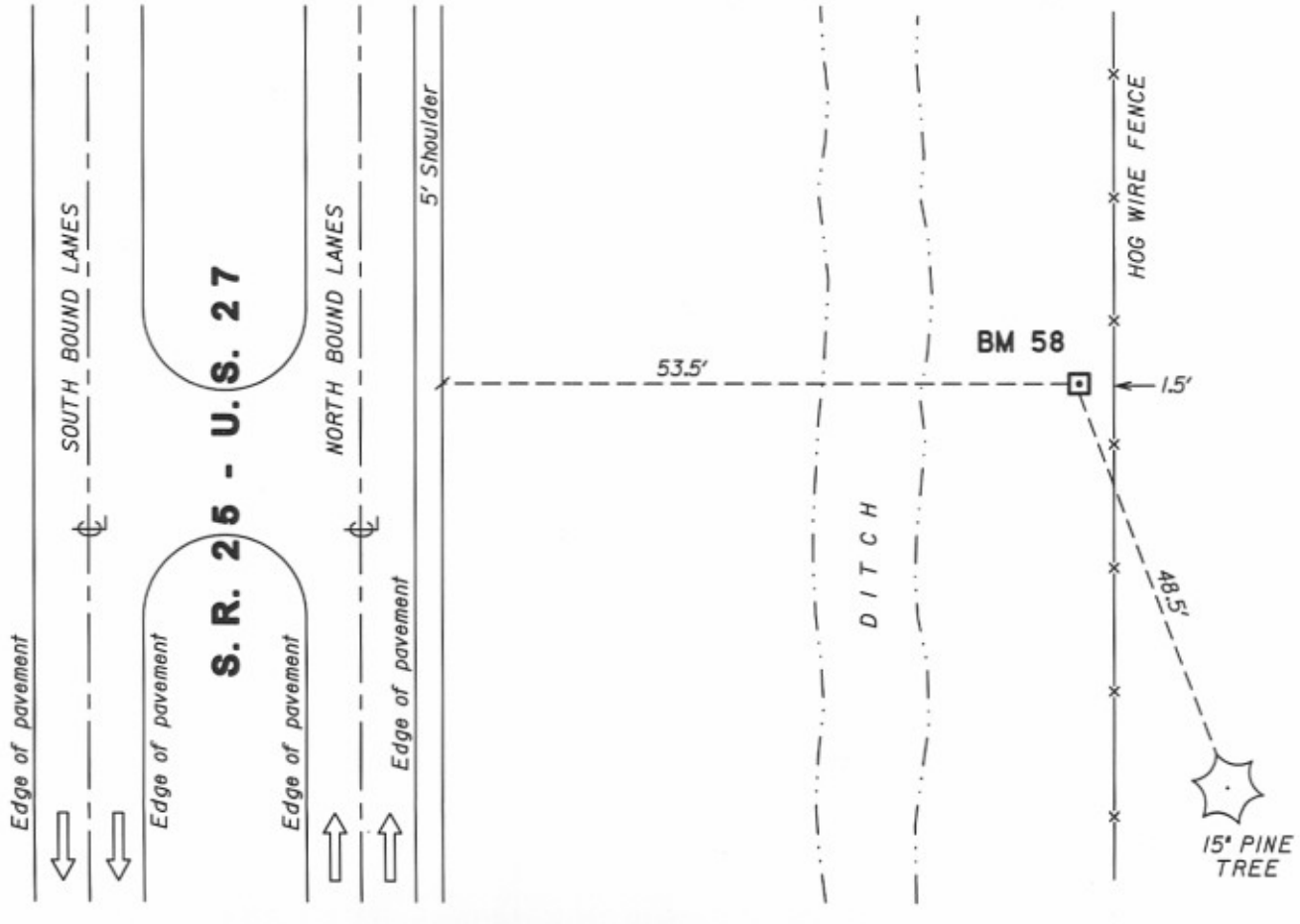
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO NORTH 2.0 MILES ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 58".

LOCATION DESCRIPTION: BENCHMARK IS 114.51 FT. RIGHT OF GEOMETRY BASE LINE STATION 330+71.98; 48.5 FT. NORTHWEST OF 15" PINE TREEE; 53.5 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF HOG WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 547815.9 Y = 1003920.5

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 41.024

NAME OR DESIGNATION BM 59 ELEVATION (Feet): 134.594

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 8 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 2.2 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

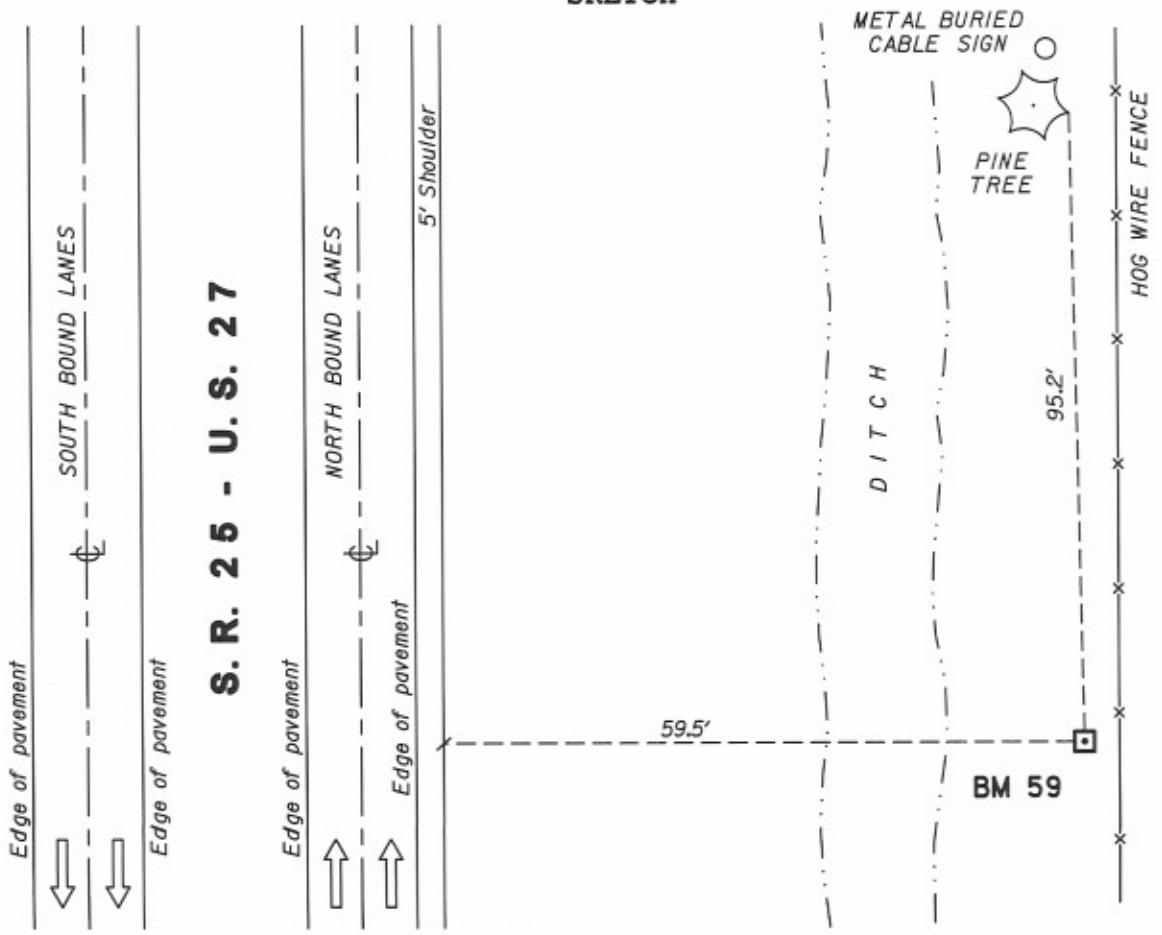
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 59".

LOCATION DESCRIPTION: BENCHMARK IS 119.45 FT. RIGHT OF GEOMETRY BASE LINE STATION 340+66.48; 95.2 FT. SOUTH OF PINE TREE; 59.5 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.8 FT. WEST OF HOG WIRE FENCE.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 548009.5 Y = 1005906.3

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 **ESTABLISHED BY (MARK ONE)** (NETWORK) OR GPS

HORIZONTAL DATUM _ **ESTABLISHED BY (MARK ONE)** NETWORK OR GPS

NEW X **RECOVERED** _ **DESTROYED** _ **ELEVATION (Meters):** 40.495

NAME OR DESIGNATION BM 60 **ELEVATION (Feet):** 132.857

DATE ESTABLISHED (Recovered) DEC. 2000 **S.L.D. MILEPOST:** _

COUNTY HIGHLANDS **S.R. No.** 25 **FINANCIAL PROJECT ID :** 194435-2-52-01

SECTION 9 **TOWNSHIP** 39 S. **RANGE** 30 E. **STATE PROJECT No.:** 09010-000

PARTY CHIEF JEFF STILL **FIRM** DENI ASSOC. INC. **FIELD BOOK No.:** 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 2.4 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

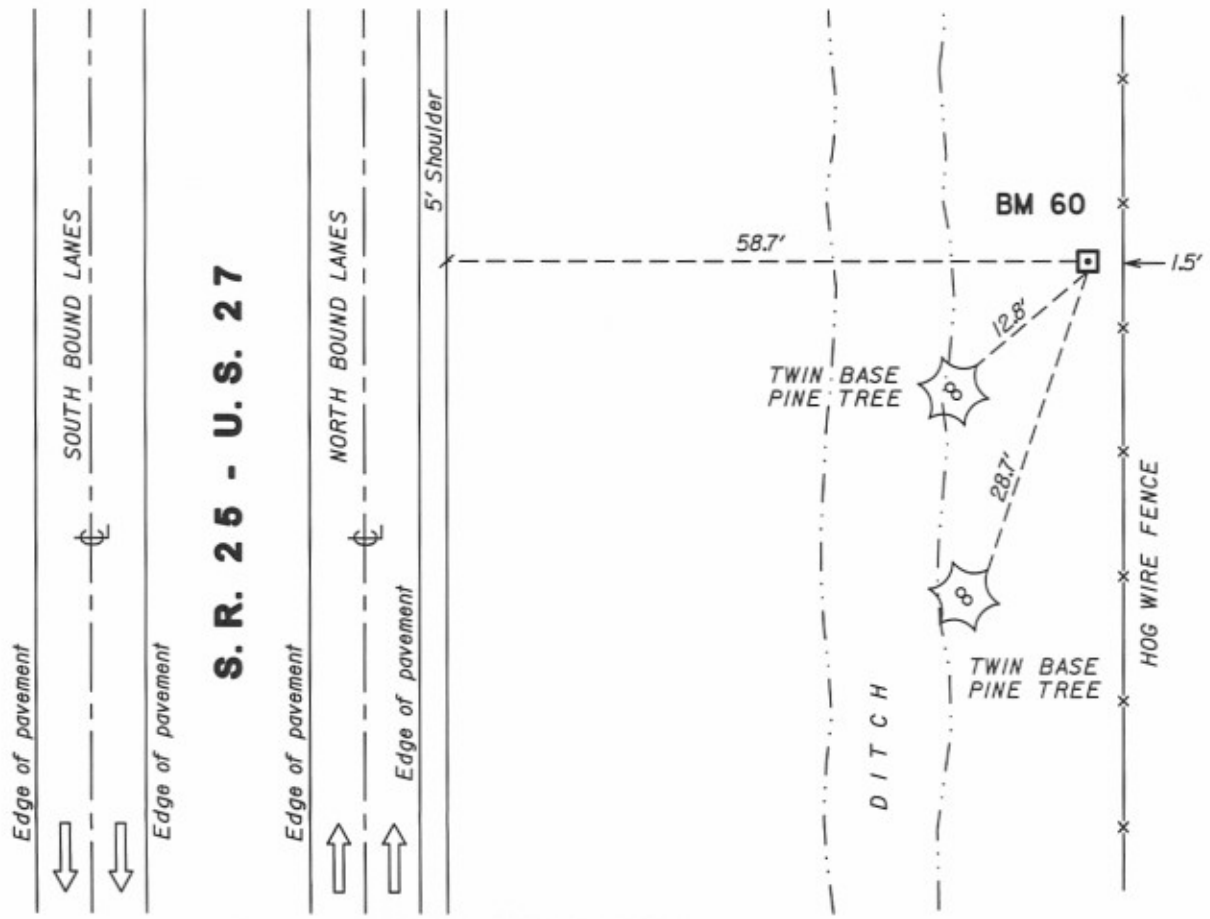
_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 60".

LOCATION DESCRIPTION: BENCHMARK IS 120.24 FT. RIGHT OF GEOMETRY BASE LINE 350+67.13; 28.7 FT. NORTHEAST OF TWIN BASED PINE TREE; 12.8 FT. NORTHEAST OF TWIN BASED PINE TREE; 58.7 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER; 1.5 FT. WEST OF HOG WIRE FENCE.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [.] **X =** 548009.5 **Y =** 1005906.3

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 41.210

NAME OR DESIGNATION BM 61 ELEVATION (Feet): 135.203

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 9 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

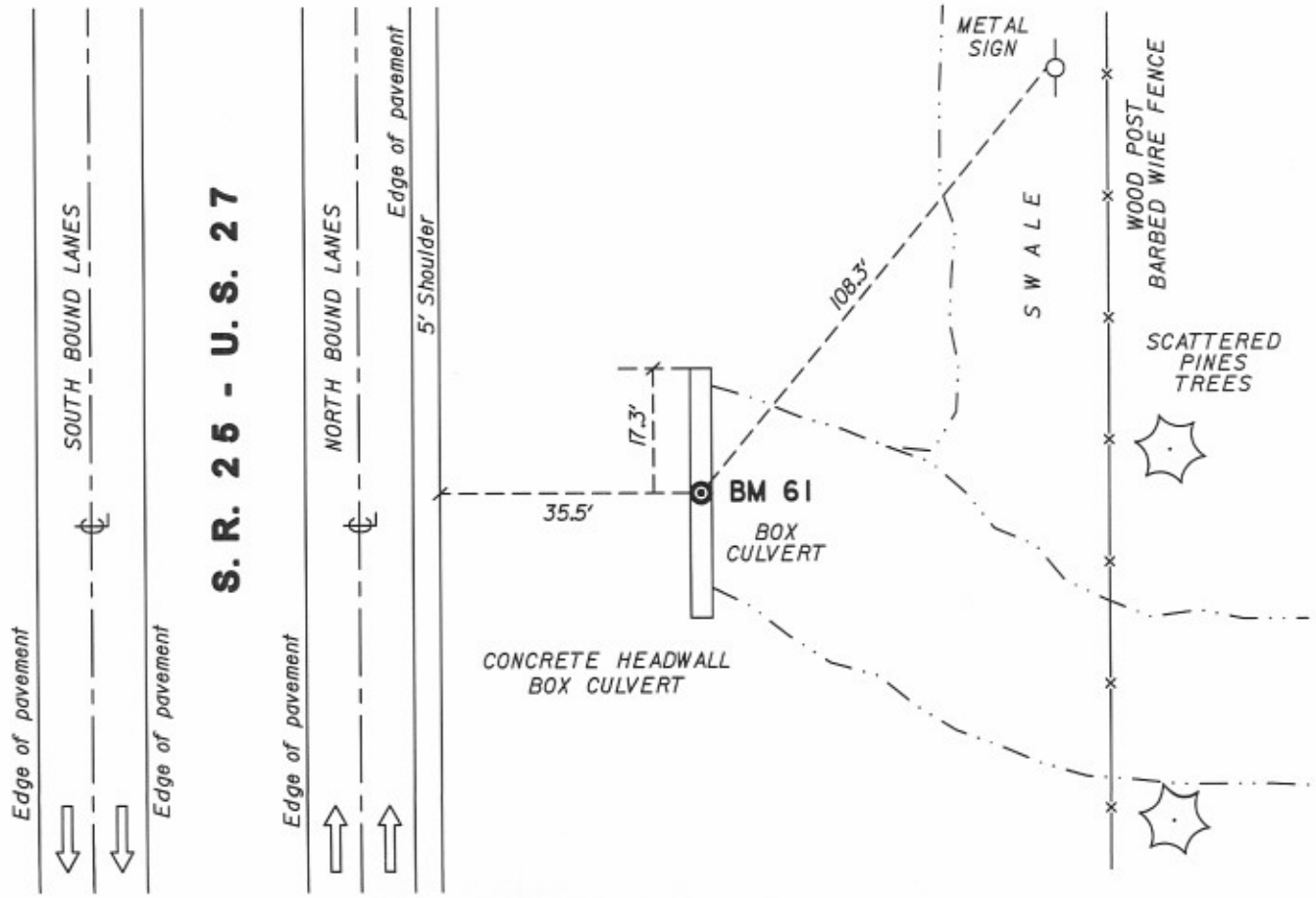
DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 2.54 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE END WALL.

LOCATION DESCRIPTION: BENCHMARK IS 97.16 FT. RIGHT OF GEOMETRY BASE LINE STATION 360+48.94; 108.3 FT. SOUTH WEST OF METAL SIGN; 35.5 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 548079.0 Y = 1006885.9

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM - ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED - DESTROYED - ELEVATION (Meters): 41.133

NAME OR DESIGNATION BM 62 ELEVATION (Feet): 134.950

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: -

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 4 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 2.7 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

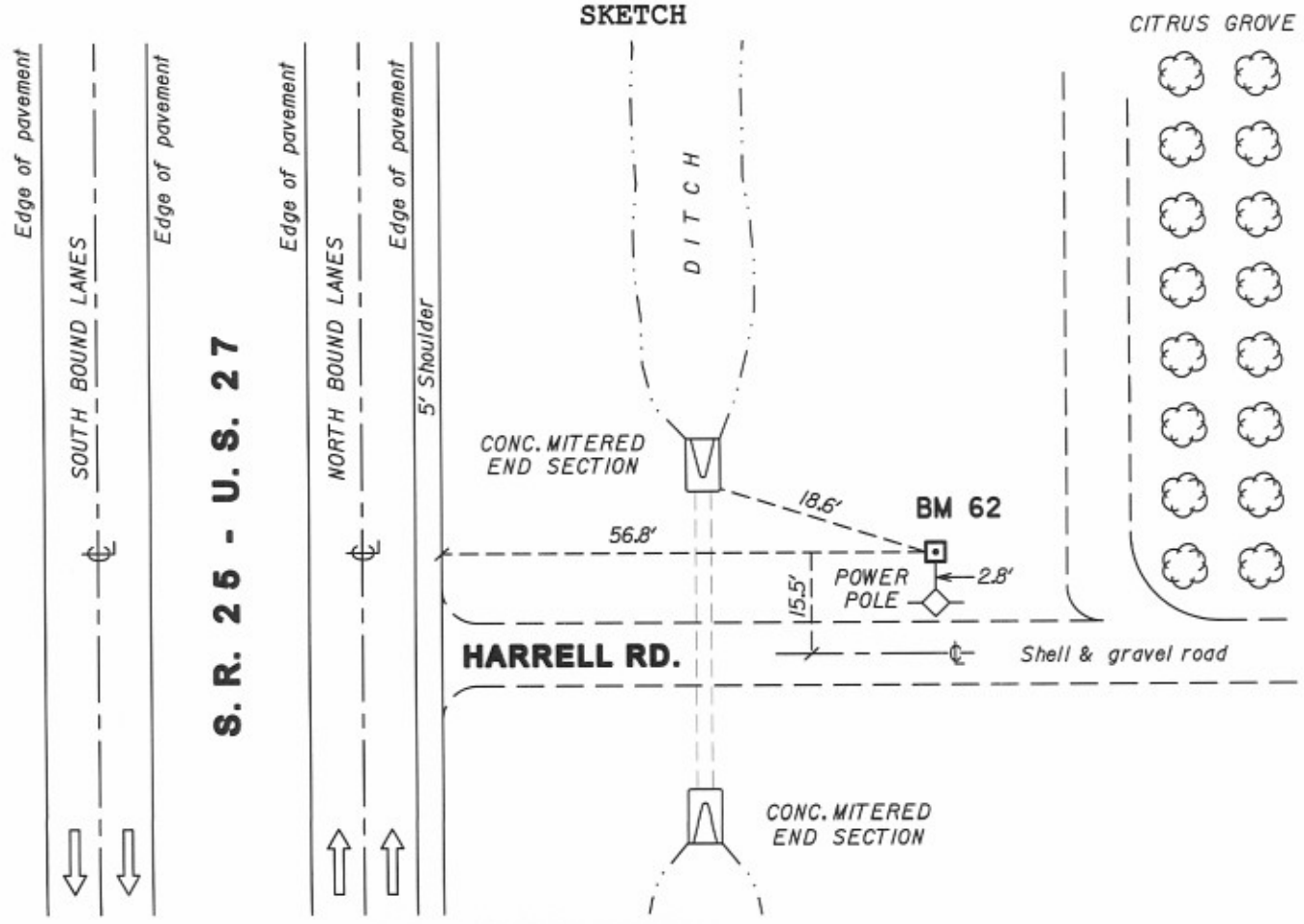
-

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 62".

LOCATION DESCRIPTION: BENCHMARK IS 117.46 FT. RIGHT OF GEOMTRY BASE LINE STATION 369+80.72; 2.8 FT. NORTH OF POWER POLE; 15.5 FT. NORTH OF CENTER LINE OF HARRELL RD.; 18.6 FT. SOUTHEAST OF THE SOUTHEAST CORNER OF MITERED END SECTION; 56.8 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [.] X = 548186.9 Y = 1007811.6

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 40.408

NAME OR DESIGNATION BM 63 ELEVATION (Feet): 132.572

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 4 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 2.9 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

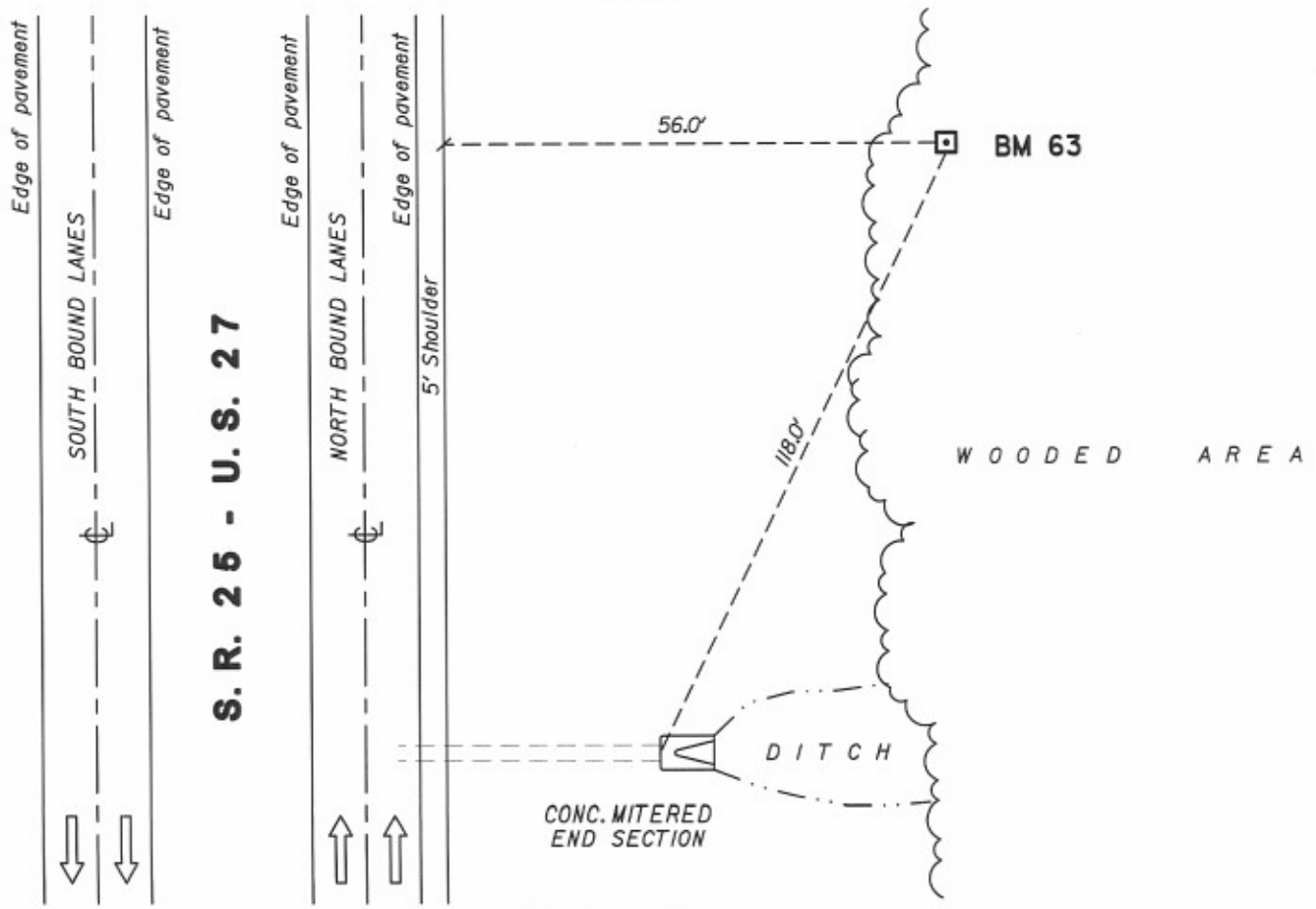
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 63".

LOCATION DESCRIPTION: BENCHMARK IS 116.54 FT. RIGHT OF GEOMETRY BASE LINE STATION 380+63.26; 118.0 FT. NORTHEAST OF CONCRETE MITERED END SECTION; 56.0 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 548287.9 Y = 1008889.5

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 46.090

NAME OR DESIGNATION BM 64 ELEVATION (Feet): 151.215

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 4 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 3.1 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

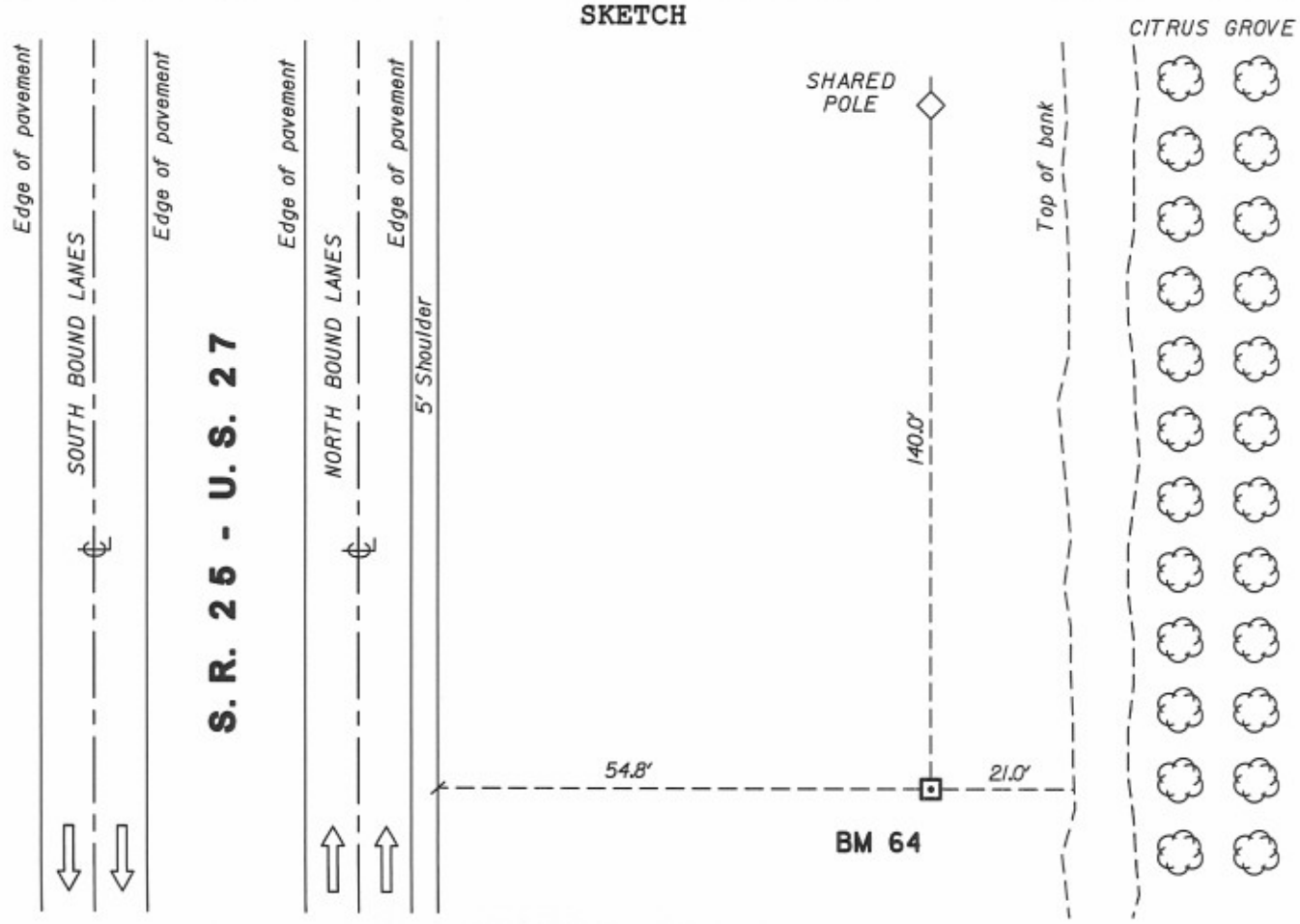
DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 64".

LOCATION DESCRIPTION: BENCHMARK IS 115.34 FT. RIGHT OF GEOMETRY BASE LINE STATION 390+65.68; 140.0 FT. SOUTH OF SHARED UTILITY POLE; 21.0 FT. WEST OF THE TOP OF BANK TO DITCH; 54.8 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 548381.1 Y = 1009887.5

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 45.542

NAME OR DESIGNATION BM 65 ELEVATION (Feet): 149.414

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 4 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 3.3 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE ON ROAD.

_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 65".

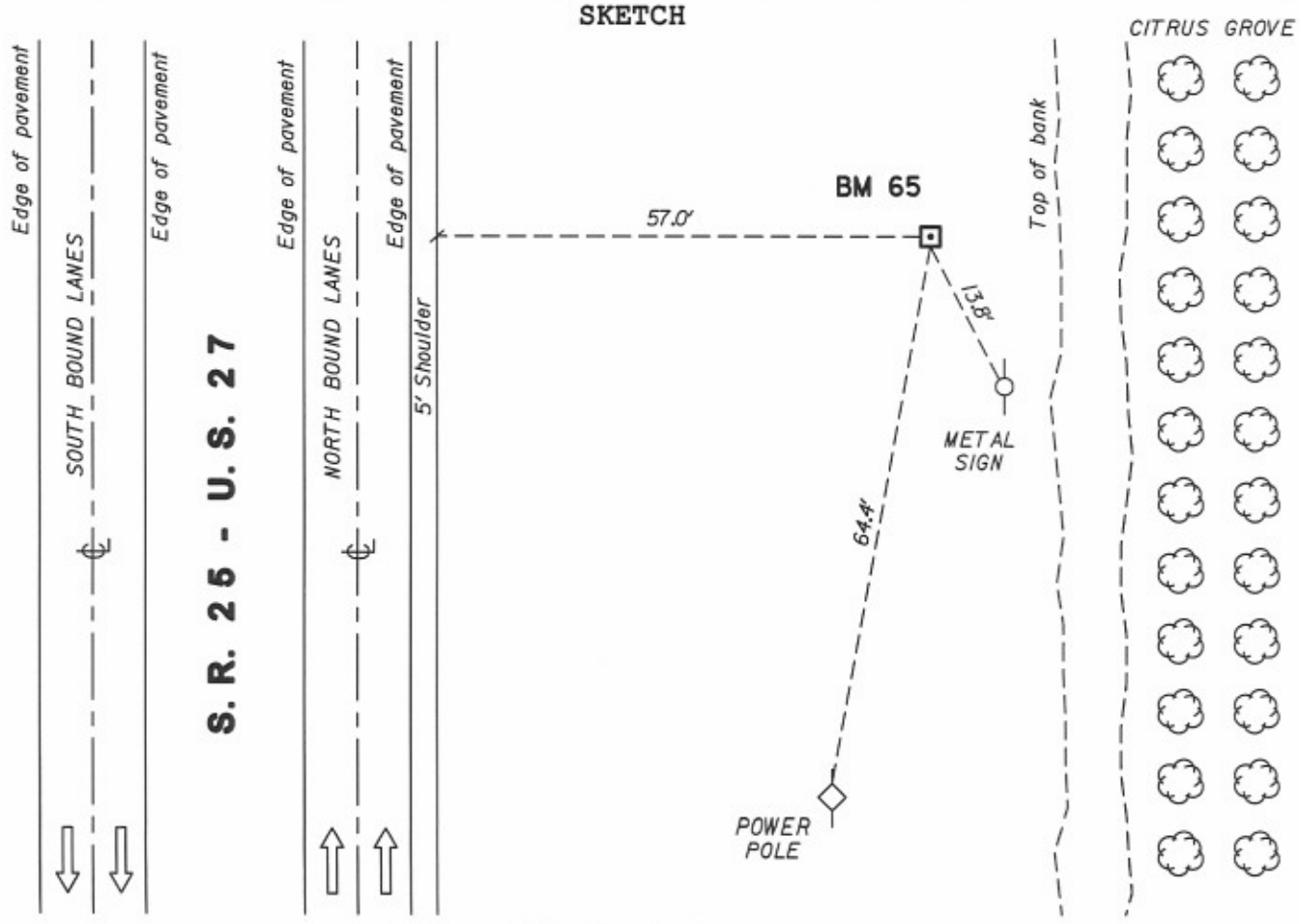
LOCATION DESCRIPTION: BENCHMARK IS 117.16 FT. RIGHT OF GEOMETRY BASE LINE STATION 400+56.59; 64.4 FT. NORTHEAST OF A POWER POLE; 13.8 FT. NORTHWEST OF A METAL SIGN; 57.0 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

_

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 548476.3 Y = 1010873.9

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 44.872

NAME OR DESIGNATION BM 66 ELEVATION (Feet): 147.218

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 4 TOWNSHIP 39 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 3.5 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 66".

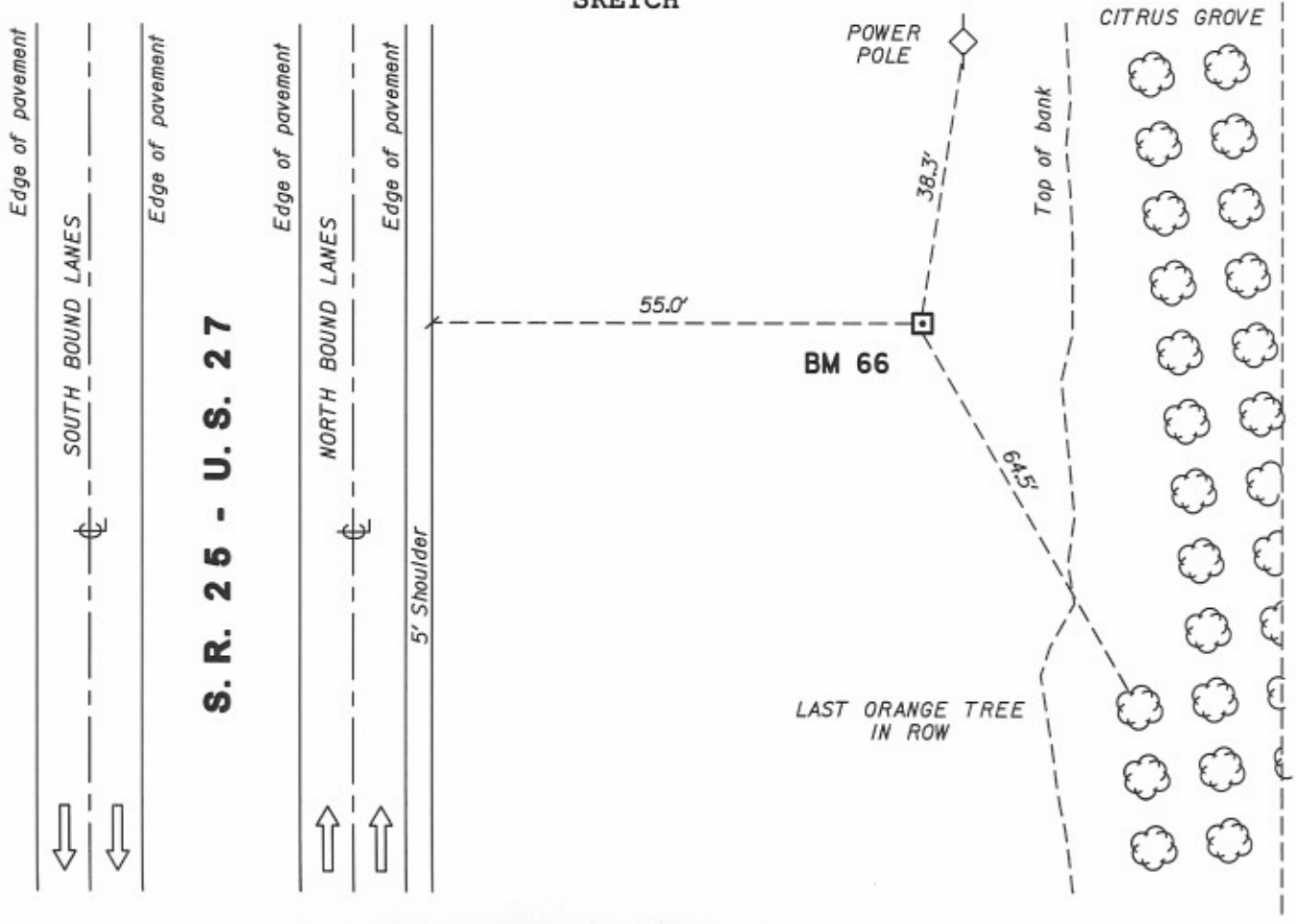
LOCATION DESCRIPTION: BENCHMARK IS 115.10 FT. RIGHT OF GEOMETRY BASE LINE STATION 410+58.14; 38.3 FT. SOUTH OF A POWER POLE; 64.5 FT. NORTHWEST OF A CITRUS TREE; 55.0 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

_

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 548568.5 Y = 1011871.2

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 47.407

NAME OR DESIGNATION BM 67 ELEVATION (Feet): 155.534

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 33 TOWNSHIP 38 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 3.7 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

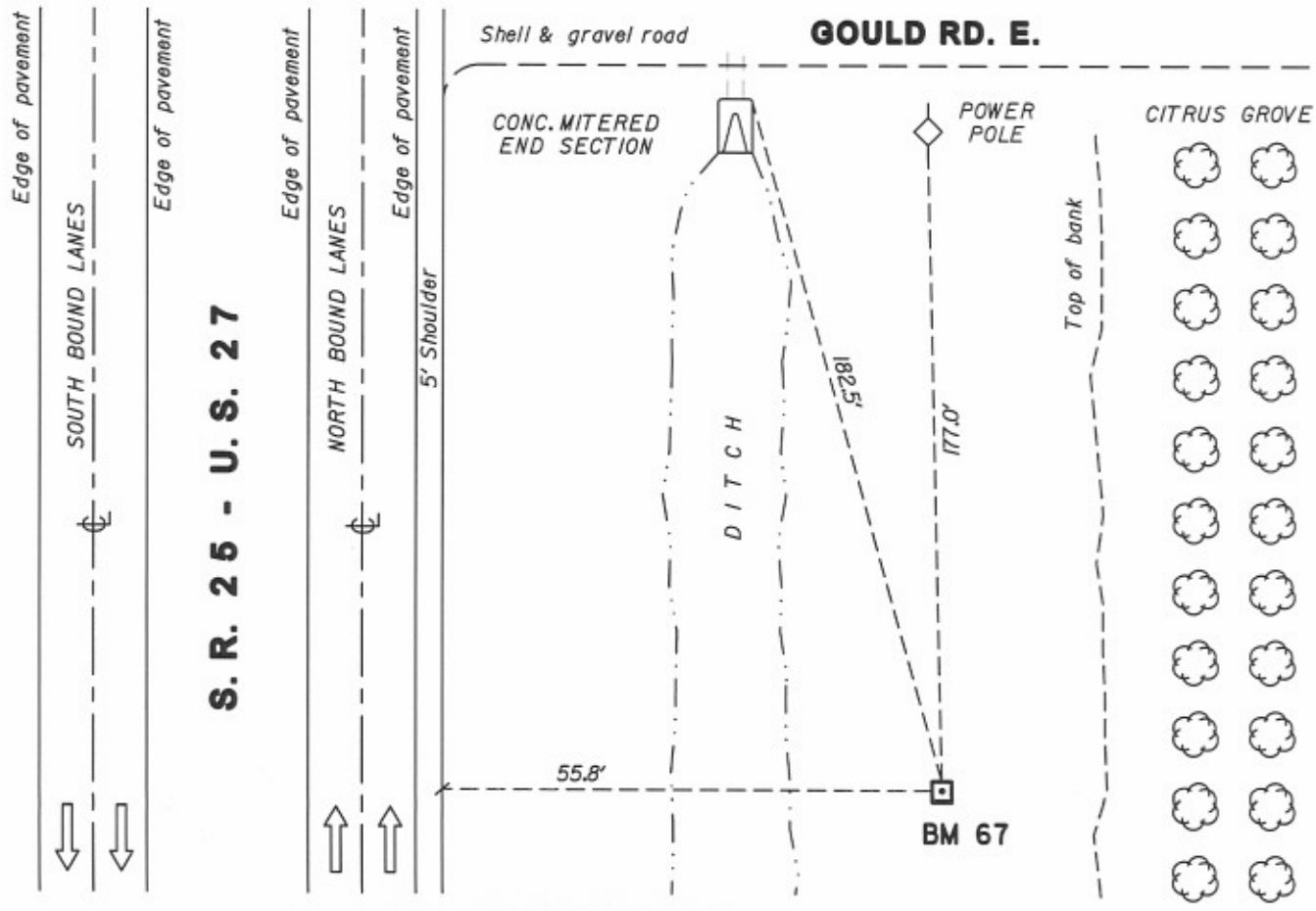
_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 67".

LOCATION DESCRIPTION: BENCHMARK IS 116.31 FT. RIGHT OF GEOMETRY BASE LINE STATION 420+63.44; 177.0 FT. SOUTH OF A POWER POLE; 182.5 FT. SOUTHEAST THE NORTHEAST CORNER OF A CONCRETE MITERED END SECTION; 55.8 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 548664.4 Y = 1012871.9

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 47.985

NAME OR DESIGNATION BM 68 ELEVATION (Feet): 157.431

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 33 TOWNSHIP 38 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 3.9 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

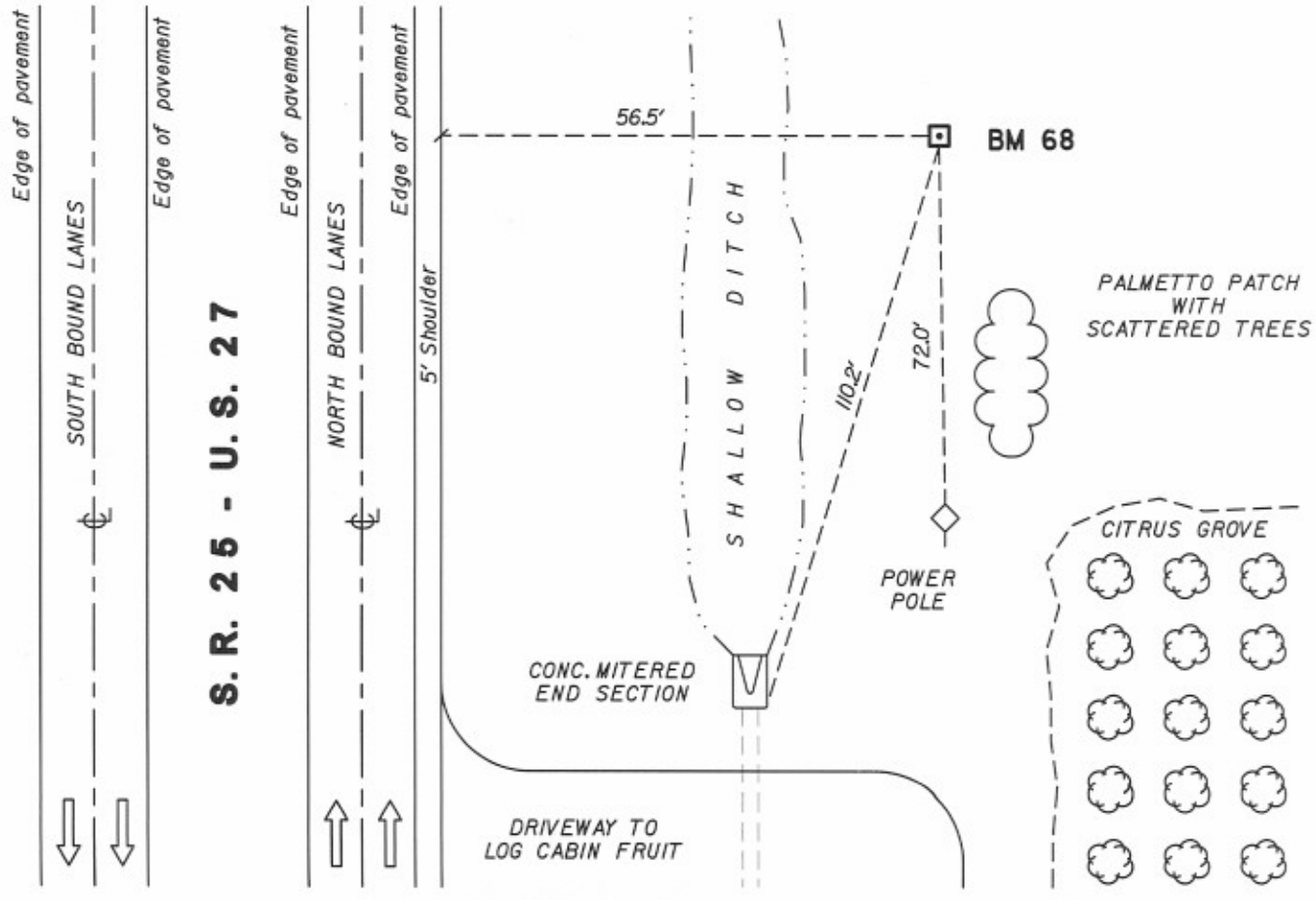
_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 68".

LOCATION DESCRIPTION: BENCHMARK IS 116.71 FT. RIGHT OF GEOMETRY BASE LINE STATION 430+60.35; 110.2 FT. NORTHEAST OF THE SOUTHEAST CORNER OF A CONCRETE MITERED END SECTION; 72.0 FT. NORTH OF A POWER POLE; 56.5 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

SEARCH COORDINATES [X]
STATE PLANE COORDINATES [ ] X = 548758.6 Y = 1013864.3

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW X RECOVERED _ DESTROYED _ ELEVATION (Meters): 50.058

NAME OR DESIGNATION BM 69 ELEVATION (Feet): 164.230

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: _

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 33 TOWNSHIP 38 S. RANGE 30 E. STATE PROJECT No.: 09010-000

PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 4.1 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

_

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE MONUMENT STAMPED "BM 69".

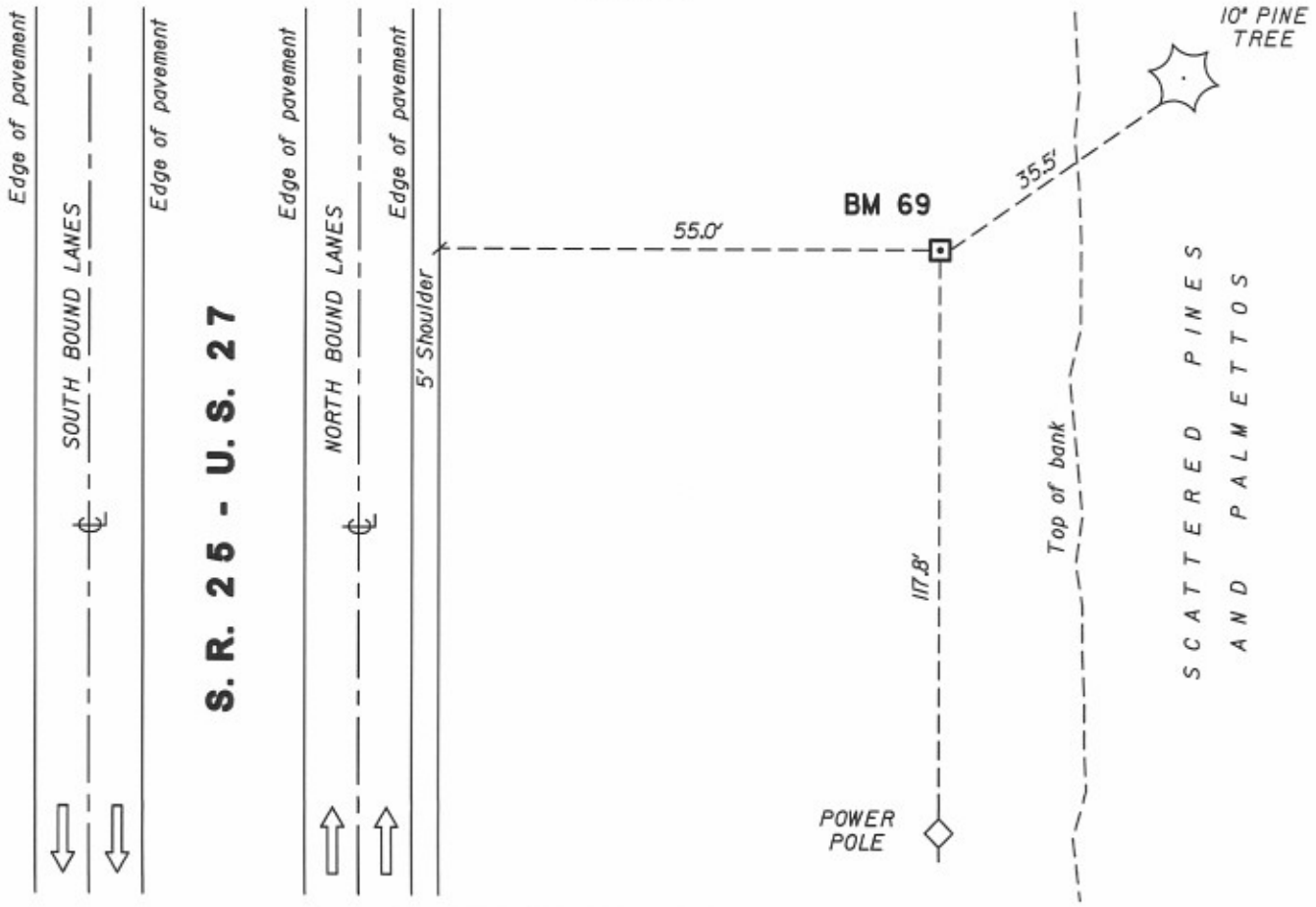
LOCATION DESCRIPTION: BENCHMARK IS 115.49 FT. RIGHT OF GEOMETRY BASE LINE STATION 440+55.58; 35.5 FT. SOUTHWEST OF A 10" PINE TREE; 117.8 FT. NORTH OF POWER POLE; 55.0 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

_

SEARCH COORDINATES [X]

STATE PLANE COORDINATES [ ] X = 548851.1 Y = 1014855.2

SKETCH



D.O.T. BENCH MARK FORM / PRIMARY NETWORK CONTROL

VERTICAL DATUM NGVD 1929 ESTABLISHED BY (MARK ONE) (NETWORK) OR GPS

HORIZONTAL DATUM _ ESTABLISHED BY (MARK ONE) NETWORK OR GPS

NEW _ RECOVERED X DESTROYED _ ELEVATION (Meters): 49.472

NAME OR DESIGNATION BM 70 ELEVATION (Feet): 162.310

DATE ESTABLISHED (Recovered) DEC. 2000 S.L.D. MILEPOST: 6.607

COUNTY HIGHLANDS S.R. No. 25 FINANCIAL PROJECT ID : 194435-2-52-01

SECTION 33 TOWNSHIP 38 S. RANGE 30 E. STATE PROJECT No.: 09010-000

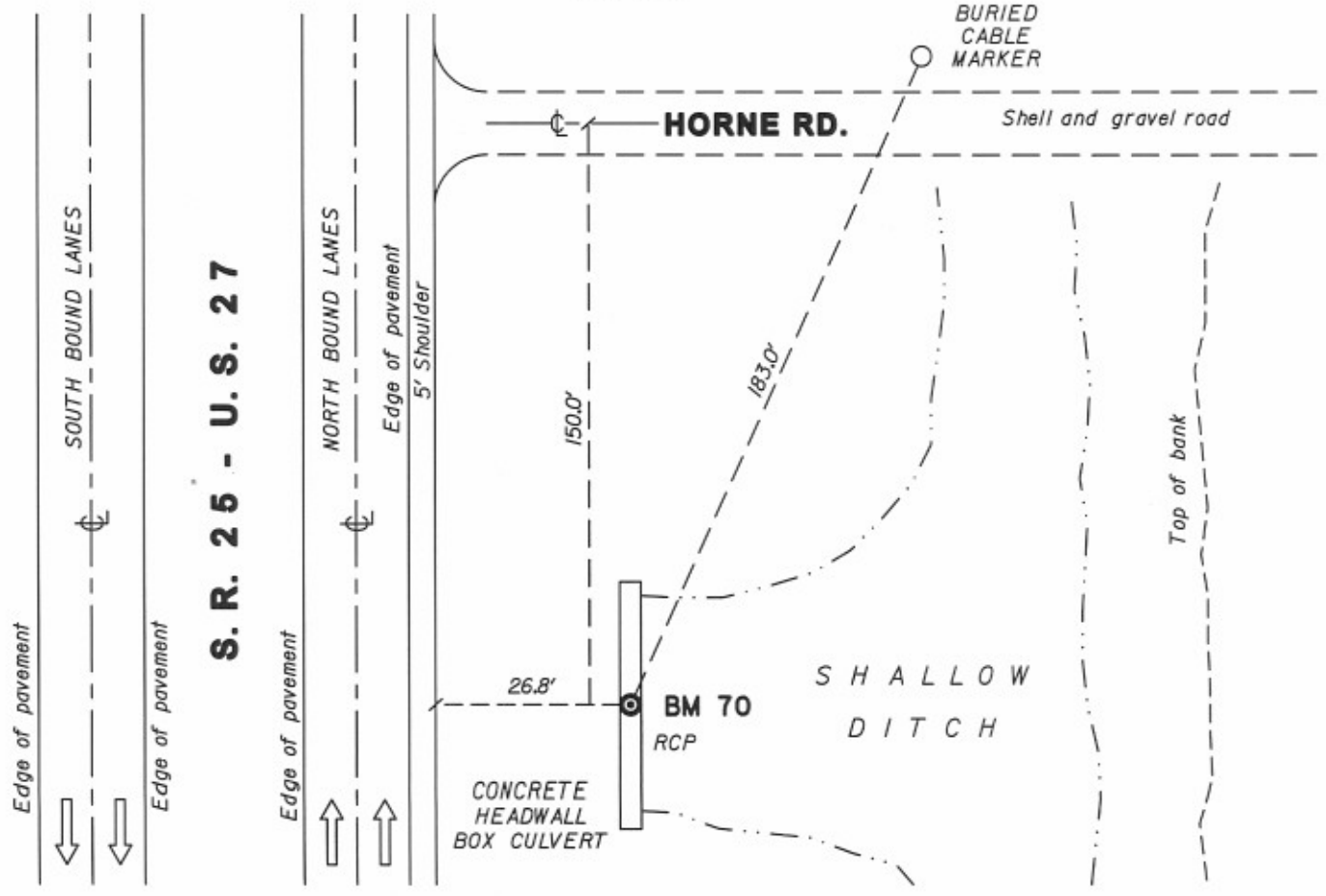
PARTY CHIEF JEFF STILL FIRM DENI ASSOC. INC. FIELD BOOK No.: 500378

DISTANCE AND DIRECTION FROM NEAREST MAJOR INTERSECTION: S.R. 25 / U.S. 27 AND C.R. 731; GO 4.2 MILES NORTH ON S.R. 25 / U.S. 27 TO MARK ON EAST SIDE OF ROAD.

DESCRIPTION OF MARK: STANDARD F.D.O.T. BRONZE DISK IN CONCRETE END WALL STAMPED "BM 70".

LOCATION DESCRIPTION: BENCHMARK IS 150.0 FT. SOUTH OF CENTER LINE OF HORNE RD.; 183.0 FT. SOUTHWEST OF BURIED CABLE MARKER; 26.8 FT. EAST OF THE EAST EDGE OF A 5 FT. PAVED SHOULDER.

SEARCH COORDINATES ☐

STATE PLANE COORDINATES ☐ X = _____ Y = _____

SKETCH