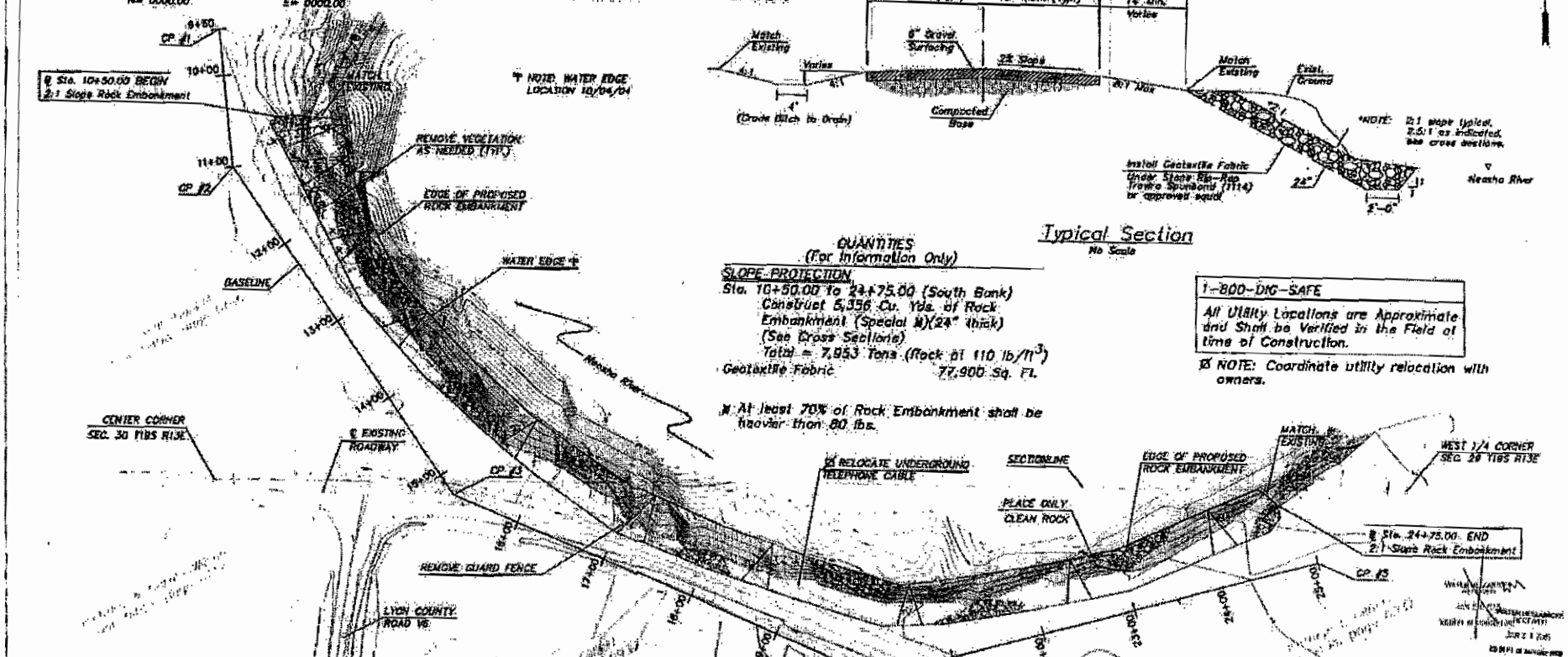
CENTER CORNER OF SECTION 30, TOWNSHIP 19, SOUTH, RANGE 13 EAST.
WARREN CHIP WOODS, L.S. 603, COUNTY SURVEYOR, IN A SECTION CORNER REPORT DATED MARCH 25, 1937, FOUND A 1/2" REBAR WITH A RED I.D. CAP 8" BELOW SURFACE OF GRAVEL ROAD FROM EXISTING TIES OF RECORD IN THE COUNTY ENGINEER'S OFFICE.
1) 7.6' NE TO SW CORNER OF NORTH HEADWALL OF RCB
2) 25.1' ENE TO SE CORNER OF NORTH HEADWALL OF RCB
3) 30.2' ESE TO NE CORNER OF SOUTH HEADWALL OF RCB
4) 37.8' ESE TO CENTER OF "9" IN "1925" STAMPED ON SOUTH HEADWALL
5) 18.4' SE TO NW CORNER OF SOUTH HEADWALL OF RCB
6) 4.6' SOUTH TO CENTERLINE TRAVELED WAY OF ROAD EAST-WEST
N= 0000.00 E= 0000.00

WEST 1/4 CORNER OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 13 EAST
JAMES H. BROSEMER, L.S. 82, IN A SECTION CORNER REPORT DATED APRIL 1970, SET THIS CORNER BASED ON A RETRACEMENT ON 1933 LEGAL SURVEY BY RUGGLES, AND SET A 1/2" X 24" REBAR WITH "BROSEMER LS 82" CAP 4" BELOW SURFACE.
1) 3.4' EAST TO TRUE LINE BETWEEN NW & SW CORNER OF SECTION 29
2) 380.0' SOUTH TO CENTERLINE TRAVELED WAY OF ROAD EAST-WEST
3) 9.5' NORTH PK NAIL & WASHER IN 60" TREE
4) 7.3' WEST PK NAIL & 2 WASHERS IN 10" TREE
5) 14.5' SW PK NAIL & 3 WASHERS IN 30" TREE
N= 0000.00 E= 2662.45

C.P. #1 @ Sta. 9+50.00
N = -488.84, E = 1107.55
C.P. #2 @ Sta. 11+00.00
N = 339.33, E = 1122.85
C.P. #3 @ Sta. 15+25.00
N = -14.21, E = 1358.72
C.P. #4 @ Sta. 20+15.00
N = -208.32, E = 1809.32
C.P. #5 @ Sta. 25+00.00
N = -77.85, E = 2277.24

Project No. LYON 04-EV | Fiscal Year 2004 | Sheet No. 2 | Total Sheets 41
Contour Interval = 1 ft.



Typical Section
No Scale

QUANTITIES
(For Information Only)

SLOPE PROTECTION
Sta. 10+50.00 to 24+75.00 (South Bank)
Construct 5,356 Cu. Yds. of Rock Embankment (Special ℄)(24" thick)
(See Cross Sections)
Total = 7,953 Tons (Rock at 110 lb/ft^3)
Geotextile Fabric 77,900 Sq. Ft.

℄ At least 70% of Rock Embankment shall be heavier than 80 lbs.

1-800-DIG-SAFE
All Utility Locations are Approximate and Shall be Verified in the Field at time of Construction.

Ø NOTE: Coordinate utility relocation with owners.

NOTE: All construction methods and materials shall adhere to the KDOT Standard Specifications 1990 Edition.

NOTE: Follow KDOT Temporary & Permanent Seeding Standards. Place Erosion Control as Needed. (See Sheet 5)

USGS BM: STANDARD DISK ON SW CORNER OF EAST HEADWALL STAMPED "7JK 1972".
N= -19.4270
E= 5.5766
ELEV=1071.392

BM1: SET 5/8" X 36" REBAR 3" BELOW SURFACE.
N= -35.9416
E= 857.8105
ELEV=1071.137

BM2: SET METAL "T" POST 3" BELOW SURFACE.
N= -342.3202
E= 2517.6075
ELEV=1070.045

LYON COUNTY WASHOUT
ROAD 145
(Sec. 30, T19S, R13E)

TOPOGRAPHY MAP

BG CONSULTANTS, INC.
ENGINEERS-ARCHITECTS-SURVEYORS

KSR2014347
LYON COUNTY, KANSAS
NEOSHO RIVER
BANK STABILIZATION
ENCLOSURE 3 OF 3