

MAGILL LANE

FLUME

STA 0+00 BEGIN BRIDGE

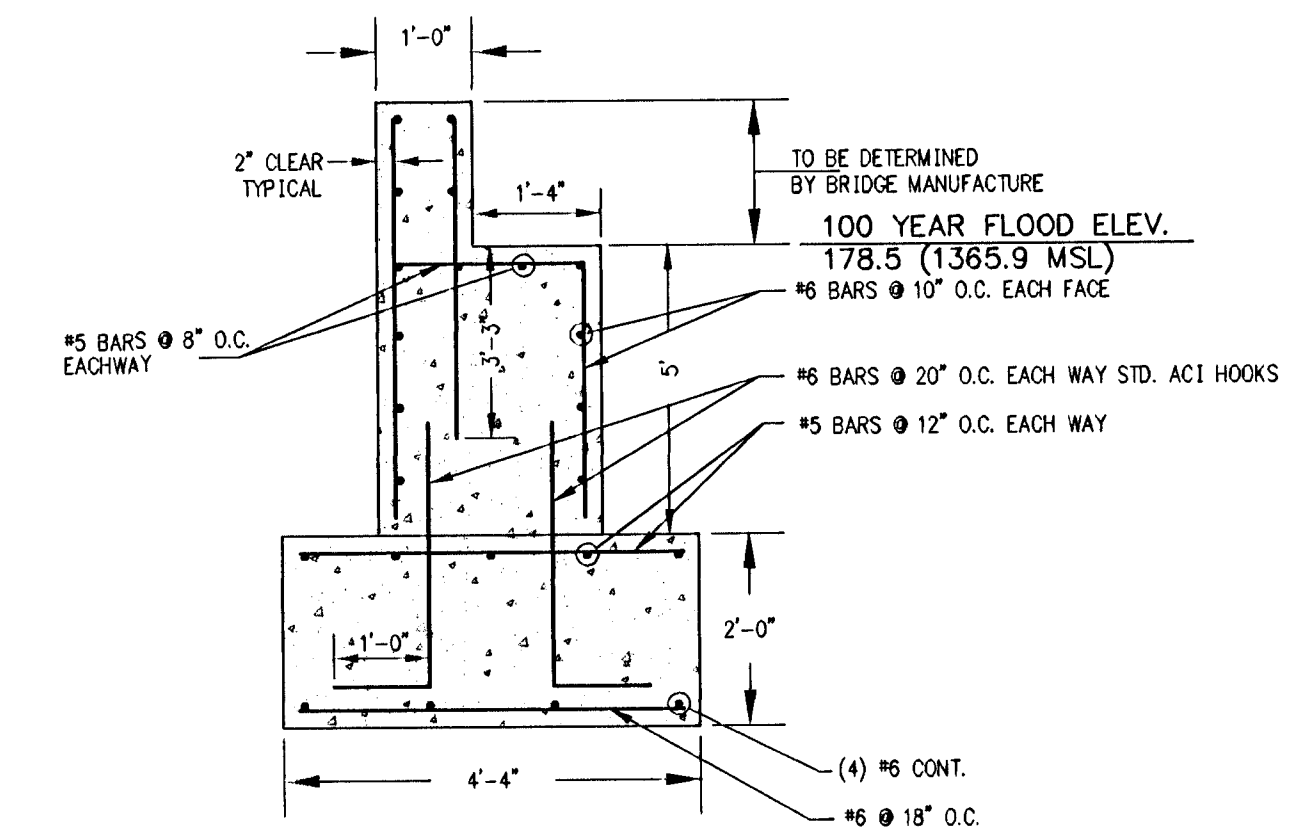
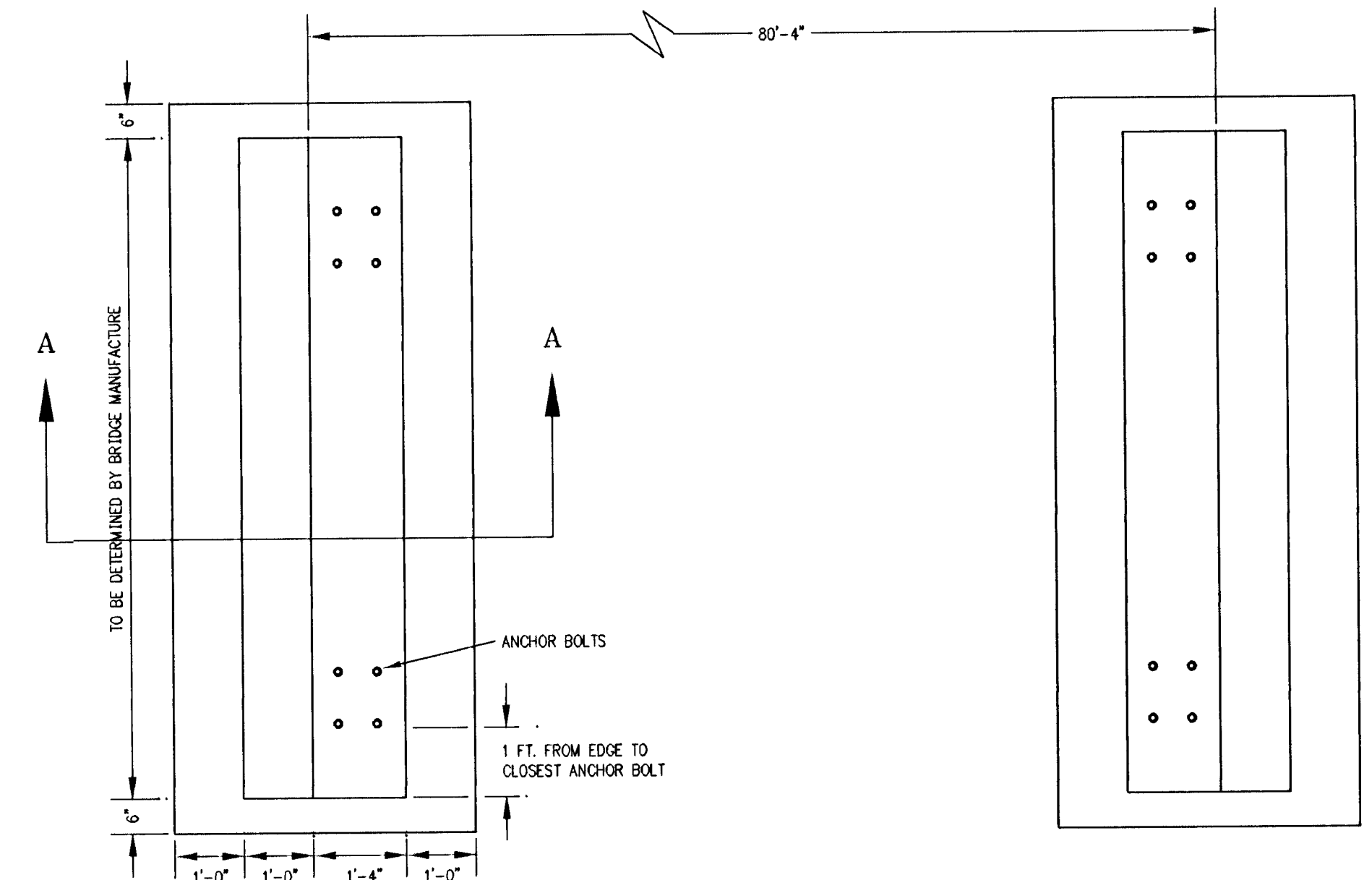
STA 0+82.33 END BRIDGE

PROPOSED CHANNEL BOTTOM

LIMITS OF CONSTRUCTION,
REGRADING & SEEDING

CITY STD. DISC 24' EAST AND 34' SOUTH OF CENTERLINES
OF ARMOUR AND 9TH ST. N.
ELEV. 176.49 (1363.89 MSL)

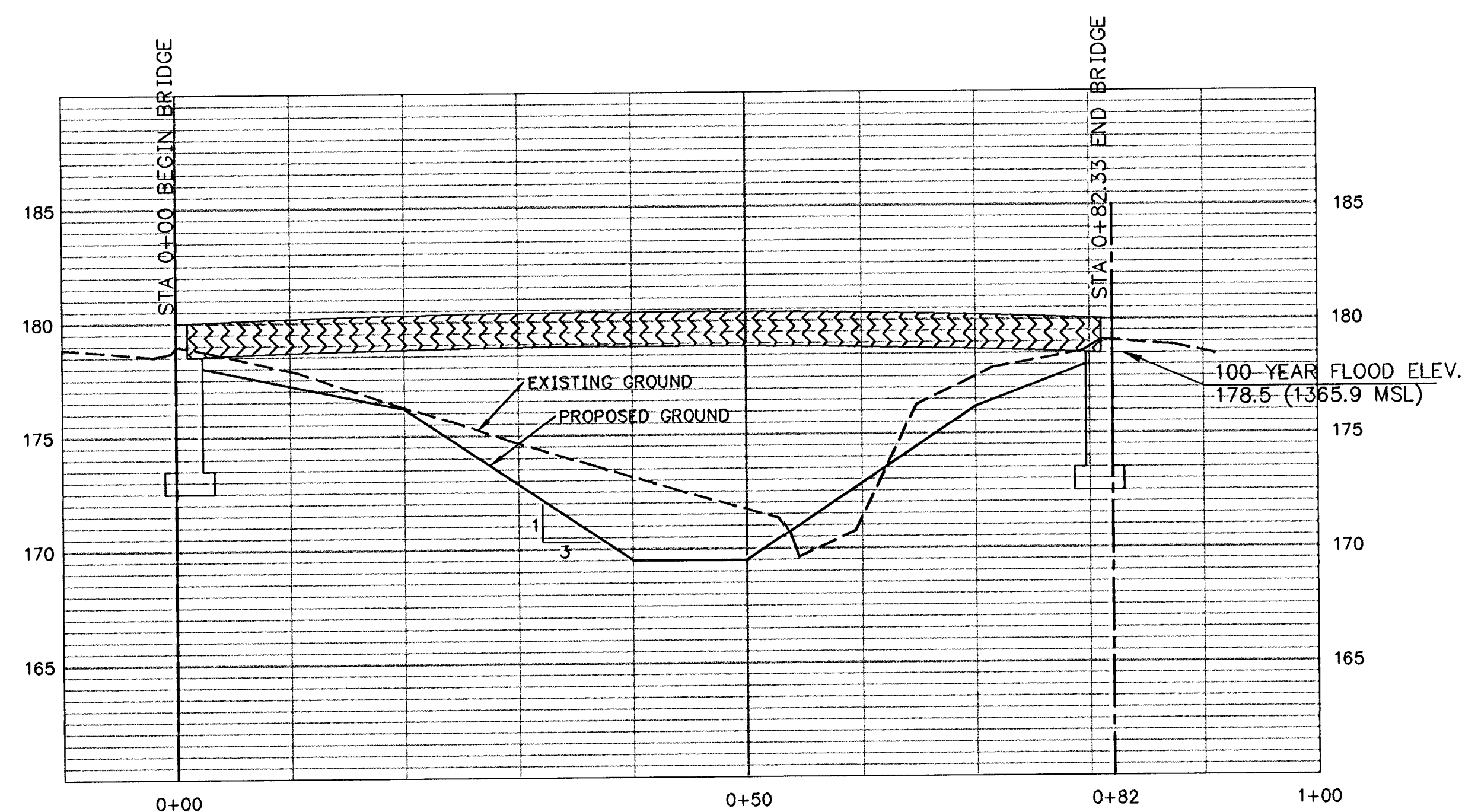
CONCRETE ABUTMENT PLAN



SECTION A-A

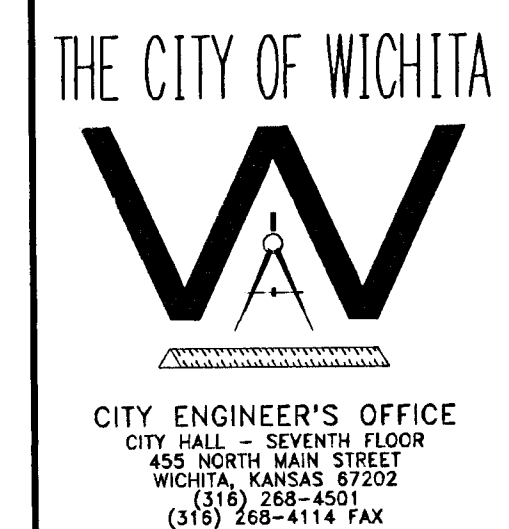
SCALE 1/2" = 1'-0"

SCALE: PLAN 1" = 10'
PROFILE 1" = 10' HORZ.
1" = 5' VERT.



STRUCTURAL GENERAL NOTES:

1. The maximum total load soil bearing pressure does not exceed 2,000 psf. for wall and pad footings. Footings shall bear on undisturbed soil. If poor or unusual soil conditions are encountered, coordinate adjustments with the engineer.
2. All concrete shall be City of Wichita Standard 6.6 sack per cubic yard rock mix and have minimum compressive strength of 4,000 psi @ 28 days.
3. No aluminum or metallic conduit shall be imbedded in any concrete.
4. All reinforcing steel shall meet ASTM A516 - Grade 60 minimum.
5. Concrete protection for reinforcement shall be 2" clear formed exposed surfaces and 3" clear for footings (typical unless otherwise noted).
6. Reinforcement shall be continuous and lapped three bar diameters (2' min.) except as noted and provide corner bars of same size and spacing.
7. Temporary bracing and shoring against wind and erection conditions shall be the responsibility of the Contractor.
8. Contractor to verify all dimensions and elevations with drawings and existing conditions.
9. Bridge shall be anchored to abutments using a minimum of 8 - 1" diameter ASTM A36 or A307 (min. grade) galvanized all-thread bolts at each abutment. Holes shall be drilled 1 1/8" diameter (max.) 12" depth (min.) into abutments and anchored with epoxy cement. The anchor bolts shall protrude from the abutment so that double nuts can be installed and locked together.
10. Contractor shall place 3/4" chamfer on all exposed edges of concrete/abutment above grade.



**80 ft. PEDESTRIAN BRIDGE
AT MAGILL BETWEEN
ARMOUR & LAWRENCE**

M. E. LINDEBAK P.E. - CITY ENGINEER

ENGINEER: G. BAALMAN DRAWN BY: R. LOOMIS

PROJECT NUMBER 472-83078 INDEX CODE 131734

DATE FEB 99 SHEET 2 OF 3