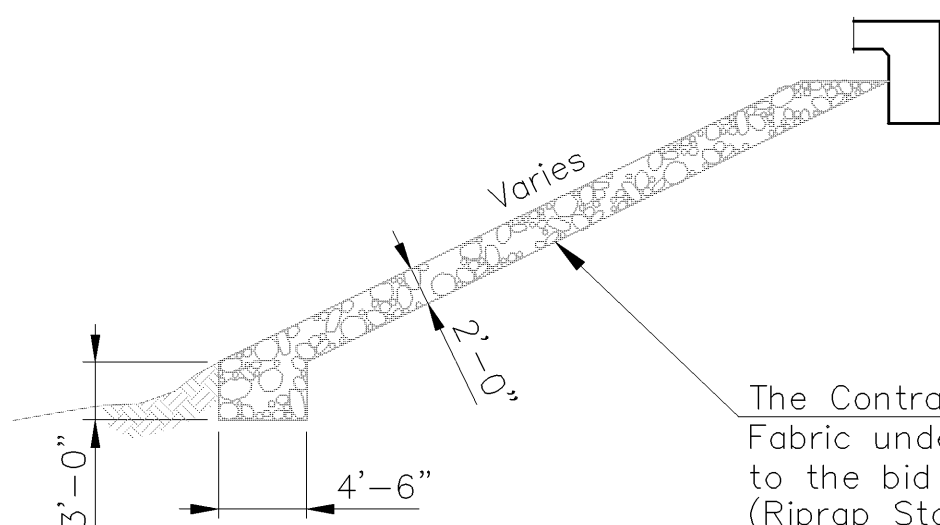


STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0247-01	2005	12	48

- Ref. P.O.T. Sta. 23+76.07
1. Set 1/2" rebar @ P.O.T.
 2. Spike & washer in light pole 31.94' NE
 3. Top key fire hydrant 28.20' ENE
 4. "X" Cut in top curb SE curb return 42.70' SE

- Ref. P.O.T. Sta. 29+07.63
1. Set 1/2" rebar @ P.O.T.
 2. Spike & washer in power pole 24.75' E
 3. "X" Cut in top curb 23.95' WSW
 4. "X" Cut in top curb 23.20' WNW

Note: The Contractor shall give SBC three weeks notice prior to starting removal work on the West side of the bridge.



TYPICAL SECTION SLOPE PROTECTION

Note: The Contractor shall construct "Slope Protection (Riprap Stone) (Light 24")" on the berm and channel slopes as shown.

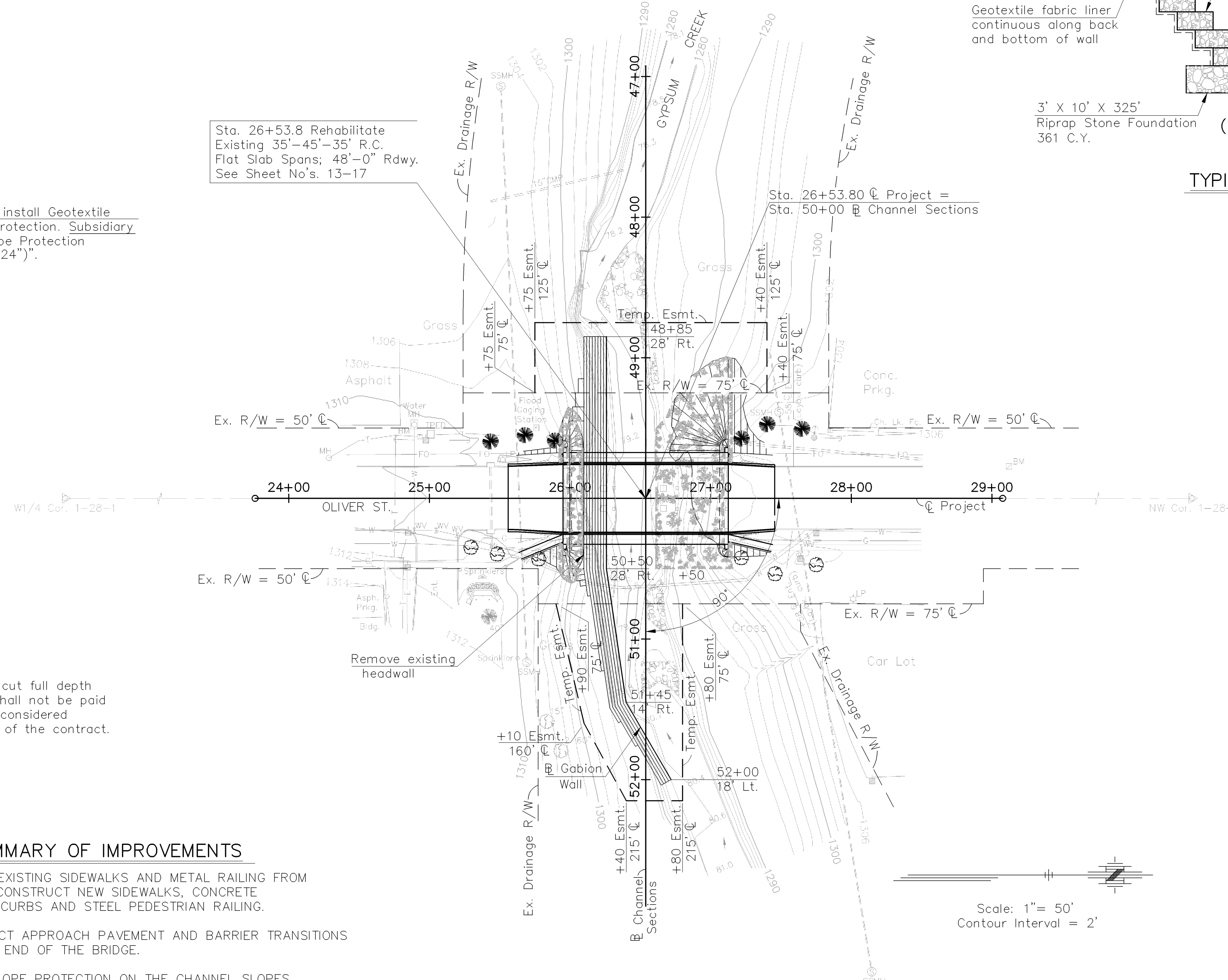
Abutment No. 1 = 160 C.Y.
 Abutment No. 2 = 660 C.Y.
 Total = 820 C.Y.

Note: Pavement shall be cut full depth where shown. This work shall not be paid for directly, but shall be considered subsidiary to other items of the contract. See Sh. No's. 5 & 7

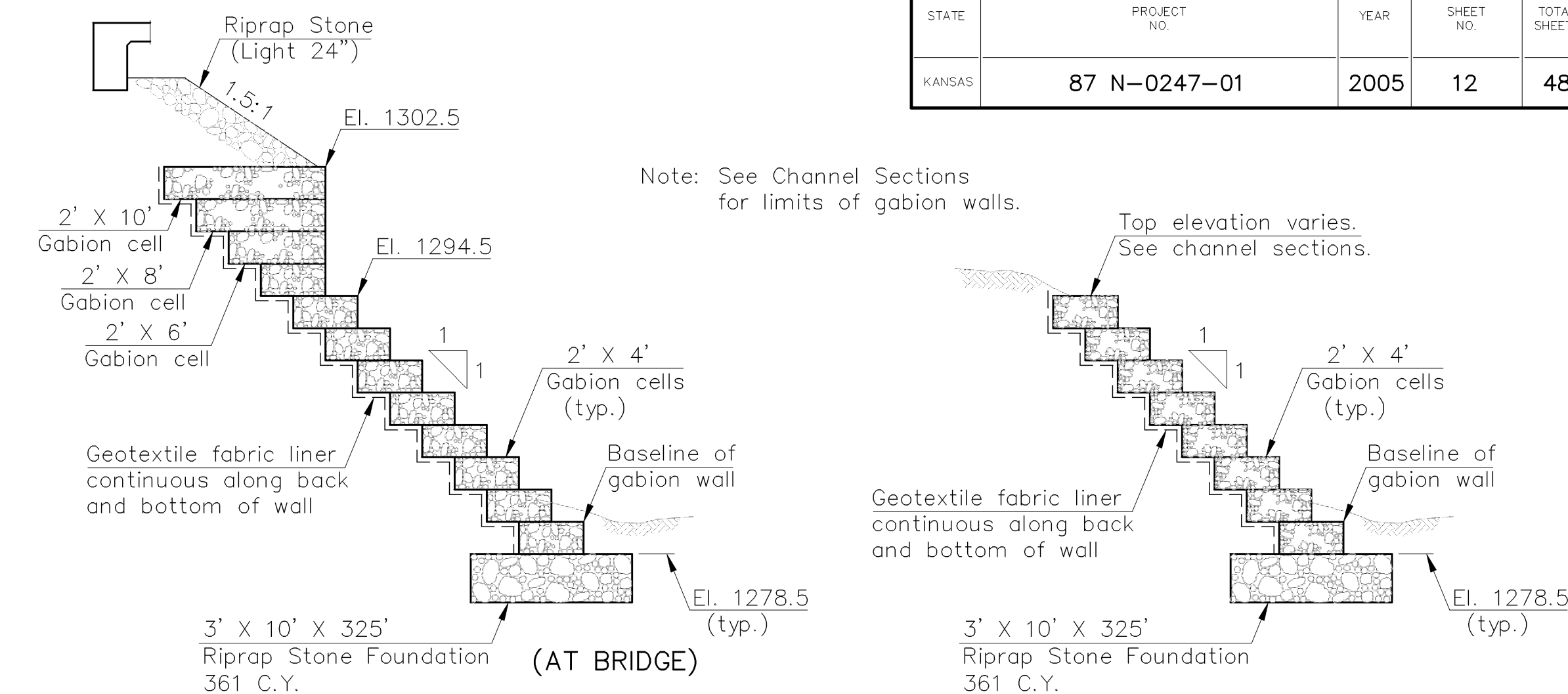
SUMMARY OF IMPROVEMENTS

- REMOVE EXISTING SIDEWALKS AND METAL RAILING FROM BRIDGE. CONSTRUCT NEW SIDEWALKS, CONCRETE BARRIER CURBS AND STEEL PEDESTRIAN RAILING.
- CONSTRUCT APPROACH PAVEMENT AND BARRIER TRANSITIONS AT EACH END OF THE BRIDGE.
- PLACE SLOPE PROTECTION ON THE CHANNEL SLOPES.
- CONSTRUCT GABIONS ON THE SOUTH CREEK BANK.

Sec. 2 T28S R1E



Sec. 1 T28S R1E



TYPICAL GABION WALL SECTIONS

ESTIMATED QUANTITY = 935 C.Y.

GABION WALL GENERAL NOTES

GABION WALLS SHALL BE ASSEMBLED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER SPECIFICATIONS AND KDOT SPECIFICATIONS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO BEGINNING ANY WORK.

GEOTEXTILE FABRIC LINER SHALL BE PLACED IN CONTINUOUS SHEETS ALONG THE BACK AND BOTTOM OF THE GABION WALLS. GEOTEXTILE FABRIC LINER SHALL COMPLY WITH THE GABION WALL MANUFACTURER REQUIREMENTS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO BEGINNING ANY WORK.

GABION BASKETS SHALL BE FILLED WITH HARD LIMESTONE ROCKS OR OTHER DURABLE TYPES OF ROCK. ROCKS SUBJECT TO CRUMBLING SUCH AS SHALE OR SOFT LIMESTONE ARE NOT ACCEPTABLE. ROCK SHALL CONFORM TO THE KDOT SPECIFICATIONS FOR RIPRAP STONE, LIGHT 18".

GABION BASKETS SHALL BE GALVANIZED AND SHALL BE OVERFILLED AN ADEQUATE AMOUNT TO ALLOW FOR SETTLEMENT.

EMBANKMENT AND BACKFILL SHALL CONSIST OF SUITABLE MATERIAL COMPACTED TO 90 PERCENT OF THE MAXIMUM DRY DENSITY.

THE TOP 6" OF ALL DISTURBED AREAS SHALL BE BACKFILLED WITH SUITABLE TOPSOIL.

ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED OR SODDED, AS NOTED IN THE PLANS.

THE COMPLETED AND ACCEPTED WORK, MEASURED AS PROVIDED ABOVE, SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "GABIONS," WHICH PRICE SHALL BE FULL COMPENSATION FOR ALL EXCAVATION, BACKFILLING, FOR FURNISHING AND PLACING ALL MATERIALS INCLUDING FILTER FABRIC, FOR ALL LABOR, TOOLS, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.

Note: The Contractor shall remove the existing bridge walks, metal rails and chain link fence to the limits shown. See Sh. No. 16.

All removed materials shall be disposed of at a site provided by the Contractor and approved by the Engineer.

Note: The Contractor shall replace any sidewalk at the ends of the bridge that is damaged or undermined during construction. This work shall not be paid for directly but shall be subsidiary to other items of the contract.

Scale: 1" = 50'
 Contour Interval = 2'

J:\2003PROJ\03548\DWGS\CONT 1"=50'

BM #1 - "□" Cut in SE Cor. concrete pad for water valve
 49.12' Lt. Sta. 24+86.76 Elev. = 1310.73

BM #2 - Brass cap in sidewalk @ NE corner bridge (City of Wichita)
 27.32' Rt. Sta. 27+22.99 Elev. = 1309.02

BM #3 - "□" Cut in top of curb, 23.0' Lt.
 Sta. 29+12 Elev. = 1306.76

PROJECT NO. 87 N-0247-01

CONTOUR MAP

OLIVER ST. BRIDGE OVER GYPSUM CREEK

STA. 26+53.8

CITY OF WICHITA

CFS
Cook, Flatt & Strobel
 ENGINEERS, P.A.

DESIGNED	RSC	SCALE
DETAILED	DEG	DATE
QUANTITIES	SHEET	OF