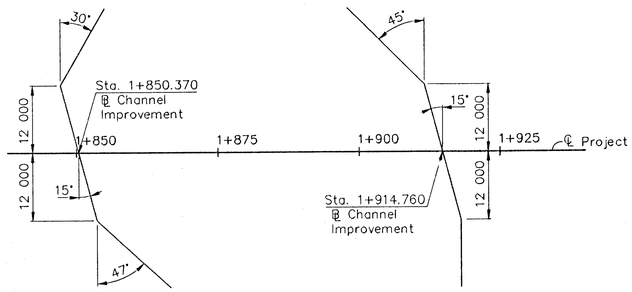
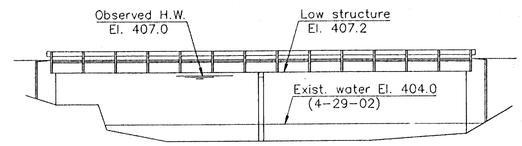
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0230-01	2003	24	73

Ref. P.O.T. ℄ Sta. 1+678.476
1. Set .013 m Rebar
2. Spike & Washer in Top 1 m Stump 11.27 SSE
3. Spike & Washer in Power Pole 8.97 N
4. 0.20 m North of Exist. ℄ Asph. Road

Ref. P.O.T. ℄ Sta. 2+034.641
1. Set .013 m Rebar
2. Spike & Washer in Power Pole 10.60 NE
3. Spike & Washer in Power Pole 27.64 ENE
4. 0.20 m North of Exist. ℄ Asph. Road



CHANNEL LAYOUT SKETCH



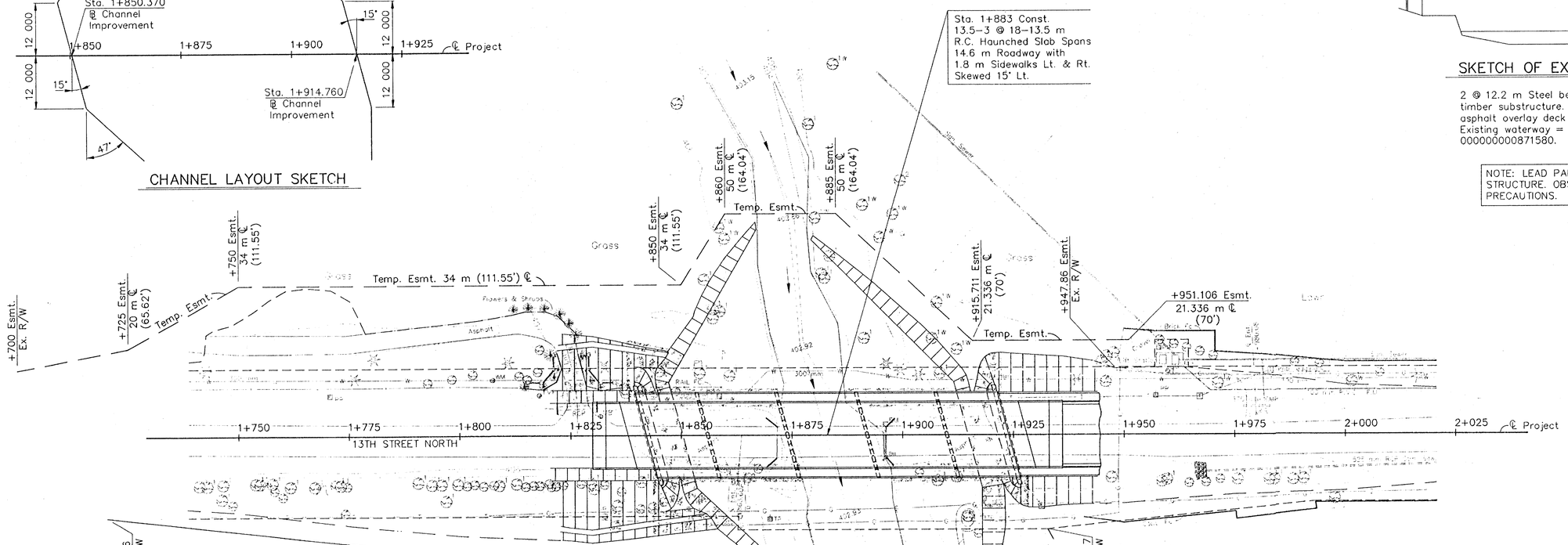
SKETCH OF EXISTING STRUCTURE

2 @ 12.2 m Steel beam spans on concrete and timber substructure. 7.3 m Roadway timber with asphalt overlay deck and steel guard fence rail. Existing waterway = 90 sq m. Bridge number 000000000871580.

NOTE: LEAD PAINT ON THE EXISTING STRUCTURE. OBSERVE THE NECESSARY PRECAUTIONS.

SEC. 12 T27S R2W

Sta. 1+883 Const.
13.5-3 @ 18-13.5 m
R.C. Haunched Slab Spans
14.6 m Roadway with
1.8 m Sidewalks Lt. & Rt.
Skewed 15° Lt.

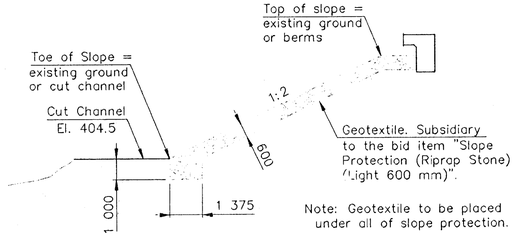


Scale = 1:500
Contour Interval = 1 m
0 5 10 15 20 25 m

Note: Sta. 1+842.086 & Sta. 1+923.914
Const. Safety Barrier (Special) Lt. & Rt.
on bridge approach pavement.

31.0 m Rt. Sta. 1+927.6
Construct sidewalk turnaround.
Record & match the dimensions
of the existing turnaround.

Remove & Replace
existing concrete
sidewalk & turnaround



Note: Geotextile to be placed under all of slope protection.

SLOPE PROTECTION DETAIL

(Showing typical section of channel improvement)

Note: The Contractor shall construct "Slope Protection (Riprap Stone) (Light 600 mm)" on the berm slopes as follows:
Berm slope No. 1 = 440 cu m
Berm slope No. 2 = 325 cu m
Total = 765 cu m

SEC. 13 T27S R2W

The Contractor shall remove the existing structure (Br. No. 000000000871580) (2-12.2 m Steel Beam spans on concrete and timber substructure. 7.3 m timber plank deck with asphalt overlay.) and excavate the channel improvements and complete the embankments in the vicinity of the new structure, prior to construction.

The existing structure shall become the property of the Contractor and shall be removed from the site.

BM #1 – R.R. Spike in Power Pole 9.00 m Lt.
Sta. 1+678.93 Elev. = 407.247

BM #2 – "□" Cut in abutment at NE corner of bridge
2.39 m Lt. Sta. 1+896.19 Elev. = 407.728

BM #3 – "□" Cut found on inlet at Cedar Park & 13th St.
4.94 m Rt. Sta. 2+068.38 Elev. = 409.920

PROJECT NO. 87 N-0230-01

CONTOUR MAP

13TH STREET NORTH OVER COWSKIN CREEK

STA. 1+883 CITY OF WICHITA

Cook, Flatt & Strobel
ENGINEERS, P.A.

DESIGNED	KMB	SCALE
DETAILED	DEG	DATE
QUANTITIES		SHEET OF

J:\02517/DWGS/CNT-MAP 1:500