FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	KANSAS	235-B(T-235-1(102)S)	1959	5	39

K.E.B.I., Inc.
W½ S½ NW¼ Sec 28

Cline V. Eyestone
E½ Lot 2 - All Lot 5
E½ NW¼ Ex. Ry. & Hwy.
Sec 28 T26S R1E

Shirley O. Eyestone
330' of W½ S W¼
Ex ROW Sec 28

Existing R/W & Access Control

Southbound Roadway

Northbound Roadway

Construction Limits

F.L. Elev. 1327.14

F.L. Outlet 1326.30

Sta 464+00 Const. Type III Inlet 13.3' Rt 235 U.B.@ Install 15" x 60' C.R.P.(M.A.C.) See Sheet No. 9 & 10

Sta 477+84 S.B.@ Install 30" x 198' C.R.P. 2 End Sect. Rotate 25° 14' Rt. 124' Lt. 70' Rt. D.A. = 1.5 Ac. Q = 21 c.f.s. L.F. = 0.4 H.W. = 2.4'

For Shoulder Transition Detail See Sheet No. 3

EXCEPTION
Sta 477+70.12 To Sta 478+22.87 = 52.75'

Sta 478+22.87
Br. No. 35W-87-25.44
Not A Part Of This Contract

Sta. 478+22.87 END
Proj 235-B(T-235-1(102)S)

Sta 477+54.36
Br. No. 35W-87-25.42
Not A Part Of This Contract

Sta 477+23 N.B.@ Install 30" x 198' C.R.P. 2 End Sect. 47' Lt. 131' Rt. D.A. = 9 Ac. Q = 16 c.f.s. L.F. = 0.4' H.W. = 2.0'

B.M. #165 Iron Bar 255' Rt Sta 476+80 Elev. 1326.90

P.O.T. Sta 478+46.61
(1) Iron Bar @ Intersection of Back Tan. Extended and ¼ Section Line.

Curve Data 235 Northbound
Δ = 13°-04'-29.46" Rt
D_c = 1°-30'-00"
L_s = 200'
L_c = 1004.99'
R_c = 3819.83
T_s = 707.62'
C_s = 49.46'
y_c = 1.75'
x_c = 199.99'
θ_s = 1°30'-00"
S.E. = 0.04 ft/ft
T.S. = 461+34.95
S.C. = 463+34.95
P.I. = 468+42.57
C.S. = 473+39.94
S.T. = 475+39.94

Curve Data 235 Southbound
Δ = 13°-07'-30.25"
D_c = 1°-30'-00"
R = 3819.83
T = 441.36
P.I. = 477+67.34
P.T. = 482+04.78
Δ = 11°-37'-30.25"
D = 1°-30'-00"
T.S. = 472+29.78
S.C. = 474+29.78
P.I. = 477+67.34
S.E. = 0.04 ft/ft

F.A.I. 235 SB
F.A.I. 235 NB
537.56'
79.21'
441.36
Δ = 13°-07'-30.25"
Ref. Bar. Sta. 478+46.61

* Exc. = 354,541 Cu. Yds. (C = 20%)
† Emb. = 295,451 Cu. Yds.
* Includes 332,872 Cu. Yds. Exc. from Borrow Area (N) on Proj. #30W-87-13(W)(K)253
‡ Includes 7,190 Cu. Yds. Emb. for East Berm of U.S. 81 Bridge.
‡ Includes 4,200 Cu. Yds. Emb. For West Berm of St. & S.F. Ry Bridge S.B. Rdwy.
‡ Includes 3,380 Cu. Yds. Emb. For West Berm of St. & S.F. Ry Bridge N.B. Rdwy.

Toe Ditch Lt.
8' Sp. Ditch Rt.
No Ditch Lt.
Gas Line
Existing Ground Line
Oil Lines
El. Rt. 25.21
El. Rt. 26.30
Southbound Roadway Profile
Northbound Roadway Profile
1000' V.C.
900' V.C. N.P.S.D. = 600'
800' V.C. N.P.S.D. = 615'
+2.50%
-1.20%
-0.25%
-0.10% Rt.
-0.16% Rt.
End Wearing Surface
F.L. El. Lt. 1323.70
F.L. El. Rt. 1323.90
F.L. Elev. Lt. 1324.10
F.L. Elev. Rt. 1324.20
Southbound Roadway Profile Grade
Northbound Roadway Profile Grade

PLAN — SURVEYED, PLOTTED, DESIGNED, ALIGNMENT CHECKED, R/W CHECKED

PROFILE — SURVEYED, PLOTTED, DESIGNED, G.R. & ALIGNMENT CHECKED, STRUCTURES NOTATIONS CHECKED

BRUNING NO. 501

PLATE 1 - PLAN - PROFILE
PRINTED IN U.S.A.
CHARLES BRUNING COMPANY, INC.