P.I. Sta. 11+07.24 East Branch ℄
N 1682826.080
E 1666717.870
1. Set 3/4" I.P. with P.E.C. Cap
2. North Corner, North End, West Headwall To RCB 22.5' N
3. East Corner, South End, West Headwall To RCB 22.8' E
4. To Center, West End of Wingwall 20.6' NNW

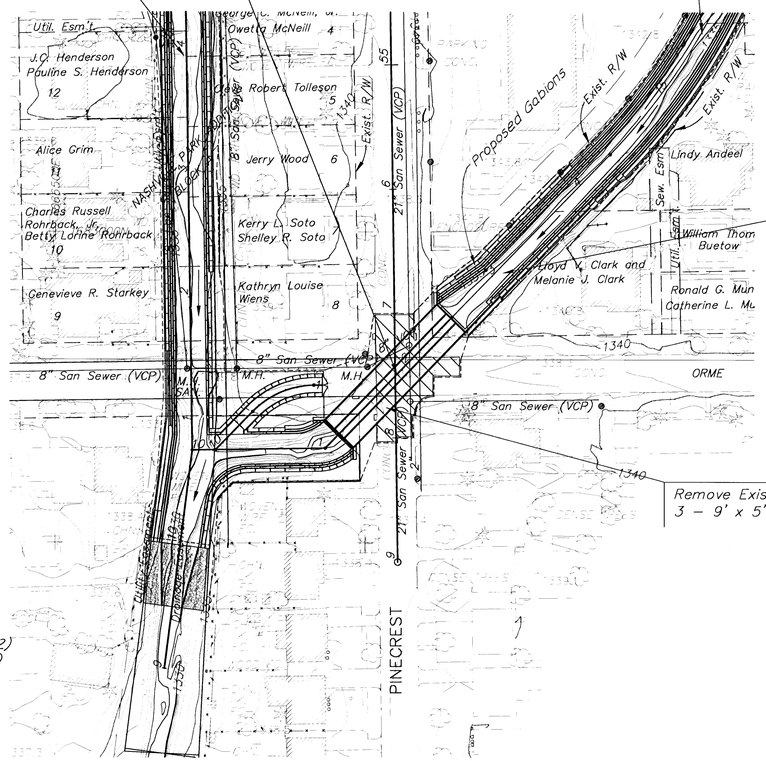
P.I. Sta. 14+36.61 East Branch ℄
N 1683062.639
E 1666947.052
1. Set 3/4" I.P. with P.E.C. Cap
2. Set Chiselled "+" 40' W
N 1683090.471
E 1666947.052
3. Set 3/4" I.P. with P.E.C. Cap 40' E
N 1683034.806
E 1666975.781

FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	54–87 K–4445–01	1996	42	73

Sta 57+50.28 Pinecrest =
Sta 11+88 East Branch of Dry Creek
Construct
3–10'x6'x130' R.F.B. Bridge
Rotate 45° Lt.

℄ West Branch of Dry Creek

℄ East Branch of Dry Creek



Scale: 1"=50'

See Sh. No.3,20, 21 & 72
For East Branch Channel
Improvement and Intersection Improvement

Remove Exist.
3 – 9' x 5' x 132' RCB

CONSTRUCTION NOTE:
A stiff clay or weathered shale material should be encountered at the proposed founding level. The shale will deteriorate upon exposure with time and also will soften if left covered with water. The Bridge Contractor shall exercise care to protect the founding level as he prepares for placement of concrete for the floor slab.

REMOVAL OF EXISTING STRUCTURE:
The Contractor shall remove the existing structure as indicated including all wingwalls. All materials removed shall be taken from the site and disposed of by the Contractor at locations approved by the Engineer.

CONSTRUCTION METHOD:
Construction for the 3–10'x6' RFB shall be cast–in–place as detailed in the plans. Precast construction will not be allowed.

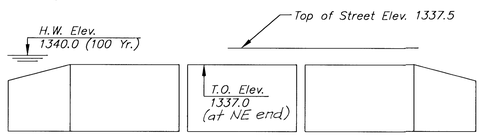
DRAINAGE DATA

East Branch of Dry Creek
3–10' x 6' R.F.B. Bridge @ Orme

Drainage Area	1.30 Sq. Mi.
Design Frequency	50 Yr.
Design Discharge	1440 cfs
Design High Water Elevation (HW = 10.1 Ft.)	1339.6 Ft.
Overtopping Elevation(NE Corner of Pinecrest & Orme)	1337.5 Ft.
Overtopping Discharge	950 cfs
Overtopping Frequency	10(–) Yr.
Q_{100}	1680 cfs
High Water Elevation at Q_{100}	1340.1 Ft.
Revised (pending) FEMA 100 Yr. Floodplain Elevation (Regulatory)	1340.1 Ft.

UTILITIES

Power	Kansas Gas & Electric (316-261-6251)
Gas	Kansas Power and Light Gas Service (316-832-0012)
Water	City of Wichita Water Department (316-268-4908)



EXISTING WATERWAY SKETCH

Total Waterway = 135 Sq. Ft.
3–9'x5' RCB

BM #25 Chisled "□" on top of curb at S.P.C.R. of S. entrance to "Dealers Leasing" lot on W. side Pinecrest Elev. 1340.760

BM City of Wichita Bench Mark, N.E. corner RCB Pinecrest and Orme Elev. 1339.010

BM City of Wichita Bench Mark, N.E. corner intersection Edgemoor and Orme Elev. 1350.91

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

CITY OF WICHITA

STA. 57+50.28
(Pinecrest)

CONTOUR MAP

PROJ. NO. 54–87 K–4445–01 SEDGWICK CO.

SHEET NO. OF		SCALE		APP'D	
DESIGNED MDK		DETAILED KLH		QUANTITIES	TRACED
DESIGN CK. JNJ		DETAIL CK. MDK		QUAN.CK.	TRACE CK.