

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 "+"
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

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.

Scale: 1"=50'

See Sh. No. 320, 21 & 72
For East Branch Channel
Improvement and Intersection Improvement

DRAINAGE DATA

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

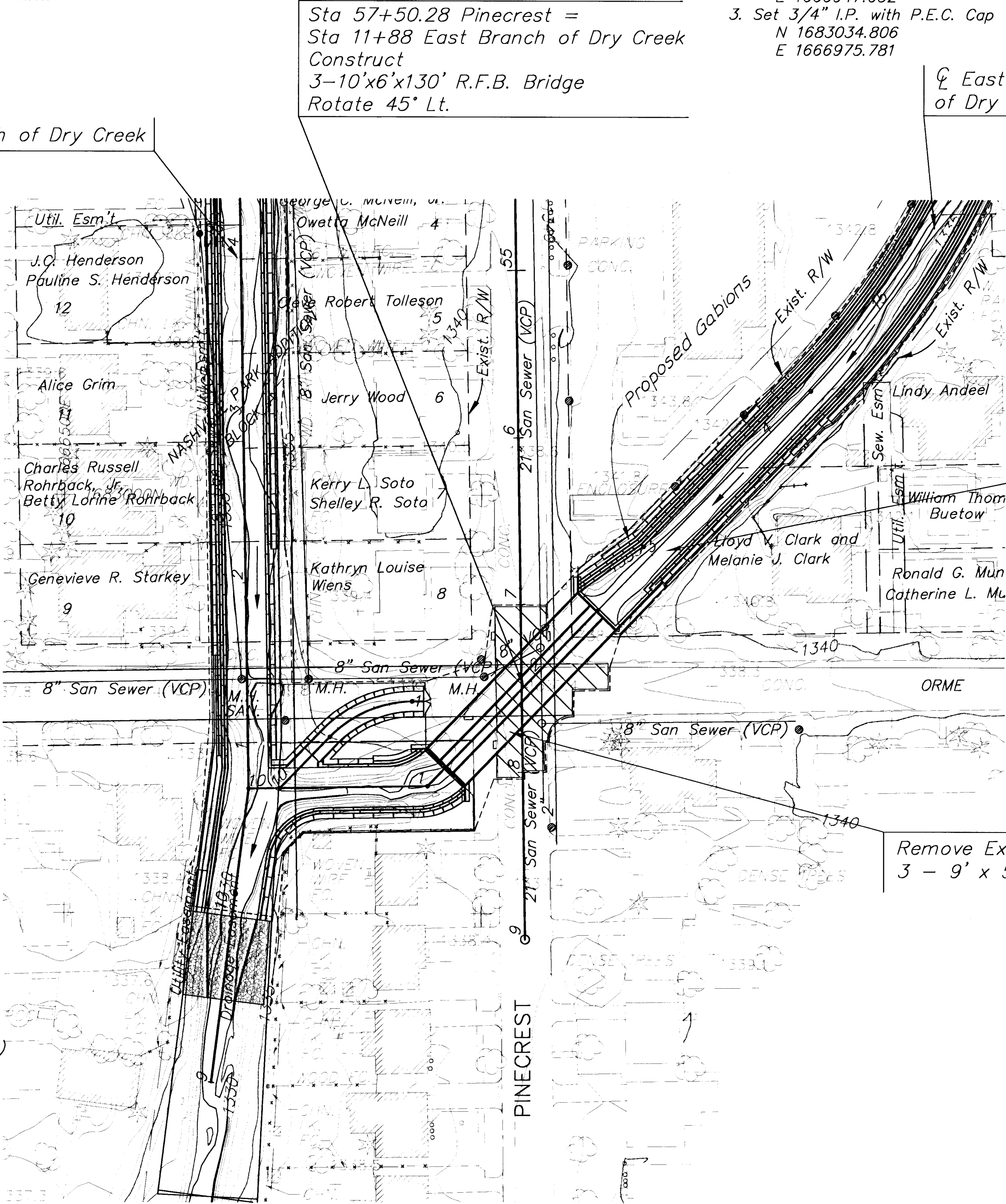
Drainage Area 1.30 Sq. Mi.
Design Frequency 50 Yr.
Design Discharge 1440 cfs
Design High Water Elevation (HW = 10.1 Ft.) 1339.6 Ft.

Overtopping Elevation (NE Corner of Pinecrest & Orme) 1337.5 Ft.
Overtopping Discharge 950 cfs
Overtopping Frequency 10(-) Yr.

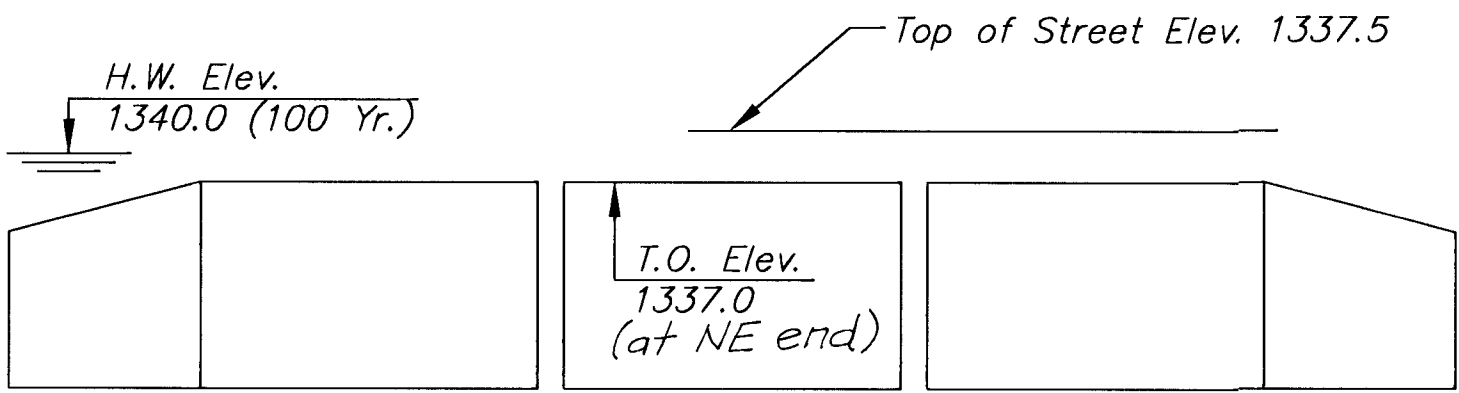
Q₁₀₀ 1680 cfs
High Water Elevation at Q₁₀₀ 1340.1 Ft.
Revised (pending) FEMA 100 Yr.
Floodplain Elevation (Regulatory) 1340.1 Ft.

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)



Remove Exist.
3 - 9' x 5' x 132' RCB



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

3					
2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
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 MKR	DETAILED KUH	QUANTITIES	TRACED		
DESIGN CK. JNU	DETAIL CK. MKR	QUAN. CK.	TRACE CK.		