

TABLE 9-2 (CONT)

ORDER OF SUBMERGENCE OF AUTOMATIC GATED STRUCTURES

Structure	Corresponding	Gate Stage	Man-Outlet	Feet	Stream Affecting
Levee	Man-Outlet	Feet	Stream Affecting	Stream Affecting	Stream Affecting
or	Invert	Above	Gate	Stream Affecting	Stream Affecting
Order: Station	Bank	Size	Gate:Elev.	Zero	No.
IV	CHISHOLM CREEK DIVERSION, MIDDLE, WEST AND MAIN BRANCH				
1	1171+75	M: 2-48"	Yes	1317.3	0.5
2	1126+60	M: 2-60"	Yes	1313.0	1.1
3	1189+53	S: 2-36"	Yes	1318.8	1.2
4	1271+50	M: 1-42"	No	1327.5	1.5
5	1219+00	S: 2-48"	No	1320.6	1.8
6	1258+45	M: 1-36"	No	1326.6	2.7
7	1220+65	M: 1-36"	No	1321.6	2.8
8	1135+89	D: 1-30"	No	1315.3	2.9
9	1135+89	P: 1-36"	No	1315.4	3.0
10	1256+00	S: 1-36"	No	1326.6	3.1
11	1169+74	N: 1-18"	No	1320.0	3.2
12	1199+90	A: 1-36"	No	1327.5	3.6
13	1270+00	S: 1-24"	No	1329.5	3.7
14	1082+70	D: 1-18"	No	1311.0	3.9
15	1254+50	N: 2-48"	No	1329.4	4.2
16	1060+00	K: 3-60"	Yes	1308.8	4.4
17	1095+20	K: 1-24"	No	1314.0	5.5
18	1231+70	N: 1-48"	No	1328.4	5.7
19	1242+85	N: 1-36"	No	1330.4	6.3
20	1014+00	K: 1-48"	No	1312.2	6.8
21	1282+60	N: 1-42"	No	1335.1	6.8
22	1284+80	N: 1-30"	No	1335.6	7.1
23	1091+80	N: 1-18"	No	1316.5	8.5
24	1215+90	T: 1-18"	No	1331.8	10.5
25*	1114+90	D-P: 2-48"	No	1304.8	-

V LITTLE ARKANSAS RIVER LEVELS

1	1104+50	L: 1-36"	No	1312.0	2.0
2	1129+50	K: 1-36"	No	1313.5	3.5
3	1178+00	K: 1-30"	No	1315.5	5.5
4	1189+80	L: 1-18"	No	1316.5	6.5
5	1139+95	K: 1-30"	No	1316.5	6.5
6	1155+15	L: 1-48"	No	1317.6	7.6
7	1167+65	L: 1-18"	No	1318.0	8.0
8	1133+20	L: 1-36"	No	1322.3	12.3

*No gates, drainage under floodway.

TABLE 9-1 (CONT)

DRAINAGE STRUCTURE DATA AND INTERIOR PONDING REQUIREMENTS

Structure	Type of	Gate	Drainage	25-Year	Pondage	Area	Remarks
Levee	Station	Size	Man-Outlet	Area	Area	Eleva-	Covered
ee	Station	Size	Man-Outlet	Area	Area	Eleva-	Covered
S	1189+60	2-36"	x	x	135	19	26.3
	1219+00	2-48"	x	x	335	20	28.9
	1256+00	1-36"	x	x	41	22	Minor
	1270+00	1-24"	x	x	-	-	-
T	1215+90	1-18"	x	x	-	-	-
P	1114+90	2-48"	x	x	915	9	1316.0
A	1199+90	1-36"	x	x	57	-	Minor

9-03. Maintenance. Subparagraph 208.10(d) of the regulations contains the following pertinent requirements for maintenance of drainage structures:

"Adequate measures shall be taken to insure that inlet and outlet channels are kept open and that trash, drift, or debris is not allowed to accumulate near drainage structures. Flap gates and manually operated gates and valves on drainage structures shall be examined, oiled and trial operated at least once every 90 days. Periodic inspections shall be made by the Superintendent to be certain that:

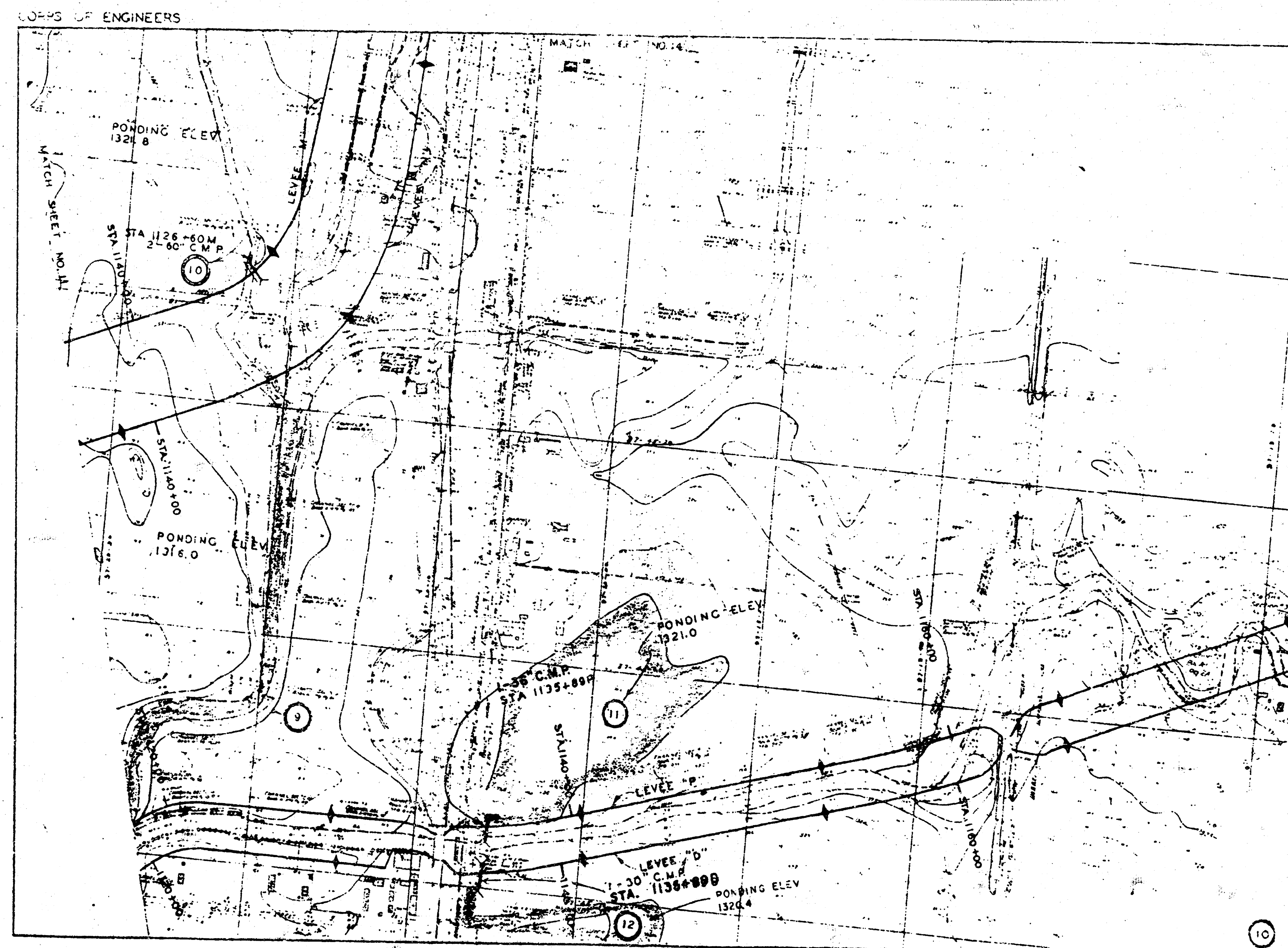
a. Pipes, gates, operating mechanism, riprap and headwalls are in good condition.

b. Inlet and outlet channels are open.

c. Care is being exercised to prevent the accumulation of trash and debris near the structures and that no fires are being built near bituminous-coated pipes.

d. Erosion is not occurring adjacent to the structure which might endanger its watertightness or stability.

e. Immediate steps will be taken to repair damage, replace missing or broken parts, or remedy adverse conditions disclosed by such inspections."



DRAINAGE PLAN

OLD LAWRENCE ROAD ADDITION

SEDGWICK COUNTY, KANSAS

