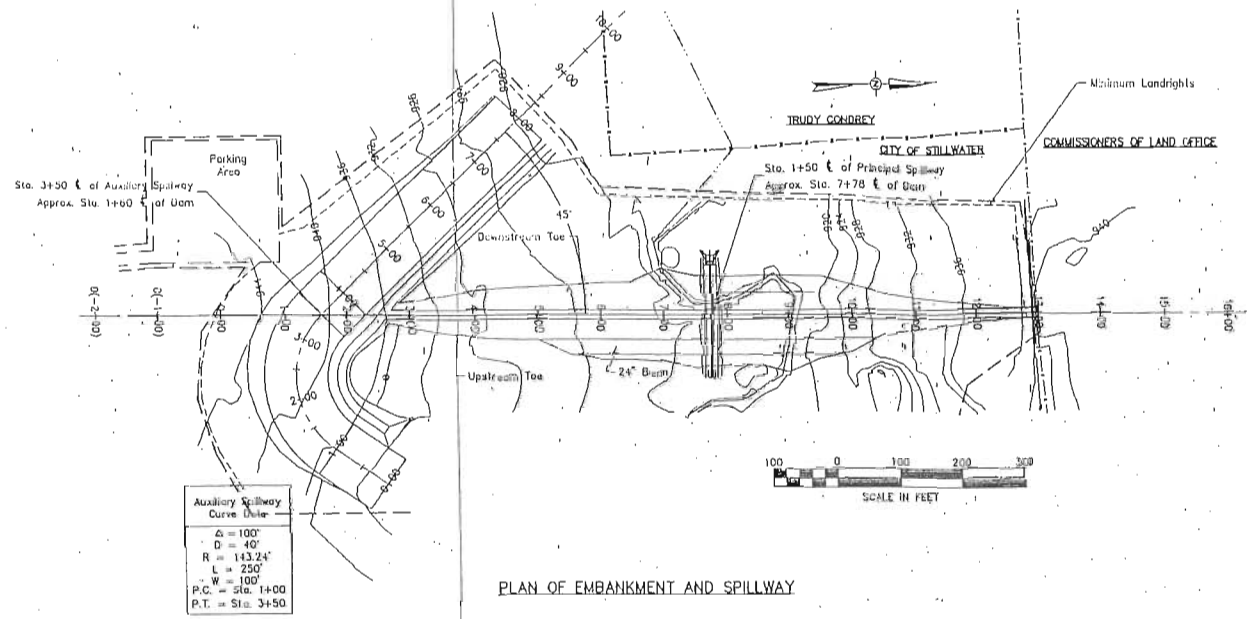
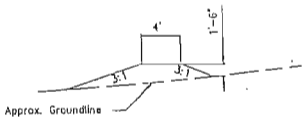
OKR2014451
PAYNE COUNTY CONSERVATION DISTRICT
UNNAMED TRIBUTARY TO COW CREEK
FLOODWATER RETARDING STRUCTURE
ENCLOSURE 4 OF 6



PLAN OF EMBANKMENT AND SPILLWAY

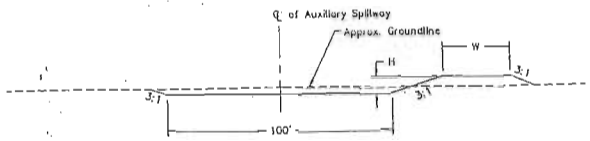
LEGEND

- Existing Fence
- Fence to be Removed
- Fence to be Constructed
- Diversion
- Stream Channel



Final location shall be determined by the Engineer.
Estimated length of Diversion(s) required is 500 Lin. Ft.

TYPICAL SECTION–EROSION CONTROL DIVERSION



TYPICAL SECTION–AUXILIARY SPILLWAY

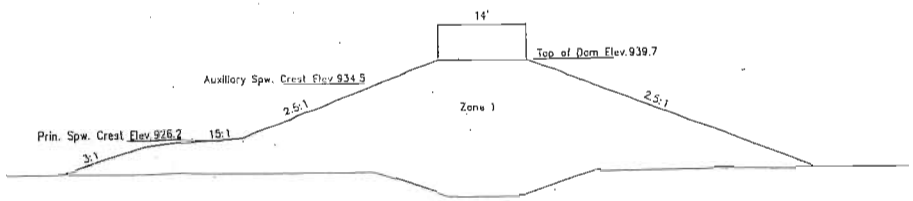
RIGHT DIKE:
Approx. Sta. 1+00 to Sta. 4+00, W = 14', H = Elev. 939.7
Sta. 4+00 to Sta. 5+00, Transition
Sta. 5+00 to Sta. 8+00, H = 3.1', W = 12'

MATERIAL PLACEMENT DATA

Zone	Material Source	Material Description & "Unified" Group Symbol	Typical Atterberg Limits LL	Typical Atterberg Limits PI	Maximum Particle Size Allowable	Maximum Layer Thickness Uncompacted	Class Compaction	Moisture Density Test ASTM No.	Moisture Density Test Method	Percent Maximum Compaction Required	Moisture Limits ± Optimum From	Moisture Limits ± Optimum To
1	Borrow & Emb	Sandy Silty Clay, CL	29–31	12–15	6"	9"	A	0698	A	95	opt	up
1	Aux. Spillway	Claey Silty Sand, SC–SM	24	6–15	6"	9"	A	0698	A	95	opt	up

The above indicates estimated use of material. The Engineer will direct placement of material differing substantially in engineering properties than those indicated.

MATERIAL PLACEMENT DATA



TYPICAL SECTION

CHECK PRINT

Designed E. Randolph Date 05-04
Drawn A. Lane 10-04
Revised XXX XXX
Approved XXX XXX

PLAN OF EMBANKMENT
FLOODWATER RETARDING STRUCTURE SITE NO. 33C
STILLWATER CREEK WATERSHED
PAYNE COUNTY, OKLAHOMA

NRCS
Natural Resources Conservation Service
United States Department of Agriculture

E-File Location: R:\03_08\Stillwater 33-C\stw33c\stw33c.dwg

Drawing No. OK-375

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