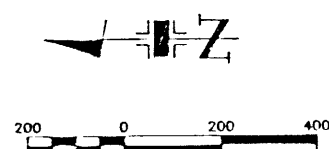




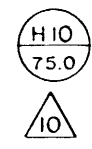
REACH	REC-1 FLOW w/det. (CFS)	CHANNEL LENGTH (FT)	EXISTING IMPROVEMENT	TOTAL BOTTOM WIDTH (FT)	TOTAL DEPTH (FT)	RECOMMENDED IMPROVEMENT	LOCATION	REC-1 FLOW w/det. (CFS)	EXISTING IMPROVEMENT	PROPOSED IMPROVEMENT
21 TO DESIGN POINT 20	11,173	1,800	NATURAL	50	14.0	NATURAL EXCEPT PROVIDE BENTON STRIP & GRADE CONTROL AT 1-25 BRIDGES ONLY (100' & 2 BRIDGES)	1-25 (DP 21)	11,173	BRIDGE, T=137, B=113, D=14	REPLACE BRIDGES FOR 8 LANES, 2 # 70' X 140'
22 TO DESIGN POINT 31	5,674	1,500	NATURAL	30	13.0	PROVIDE TOE OF BANK PROTECTION THROUGHOUT & GRADE CONTROL (2 DROPS & BENTON STRIP AT 1-25 BRIDGES ONLY (100' & 2 BRIDGES))	1-25 (DP 31)	5,674	BRIDGE, T=189, B=79, D=42	REPLACE BRIDGES FOR 8 LANES, 2 # 70' X 130'
31 TO DESIGN POINT 30	5,633	1,600	NATURAL	20	13.0	PROVIDE SUFFICIENT EASEMENT WIDTH FOR NATURAL CHANNELS TO THE CHANNEL EXCEPT USE SANDWICH BY HOUSES TO EAST	CITY BRIDGES			
							CORPORATE DRIVE (DP 31)	11,173	BRIDGE, T=123, B=41, D=15.8	NO IMPROVEMENT REQUIRED
							PERK CENTER RD (DP 31)	5,633	BRIDGE, T=185, B=45, D=41	NO IMPROVEMENT REQUIRED
							OLD RAILROAD CHAIN (DP 31)	5,633	HONKERSBURG - 2 # 25' X 21'	NO IMPROVEMENT REQUIRED

- 1 AGRICULTURAL CHANNEL — drainage transecting pastures and fields
- 2 BACKWATER WETLAND — expanded areas of drainage above obstructions
- 3 ENGINEERED FLOODWAY — concrete lined channels
- 4 HERBACEOUS WETLAND — marshes, pondmargins and protected places along channels
- 5 MODIFIED CHANNEL — channelized, eroded (earth bottom)
- 6 OPEN WATER — ponds, reservoirs (excludes flowing channel)
- 7 RIPARIAN FOREST — cottonwood and conifers along channel
- 8 SHRUB WETLAND — willow in and along channel (no tree overstory)
- 9 PRAIRIE SWALE — low lying grassy and weedy depressions along drainages

BASED ON THE REACHES/CULVERTS LISTED ON THIS SHEET, APPROXIMATELY 0.7 ACRES
OF ENVIRONMENTALLY CLASSIFIED AREAS WILL BE DISTURBED OR DESTROYED AND
REQUIRE MITIGATION.



LEGEND:



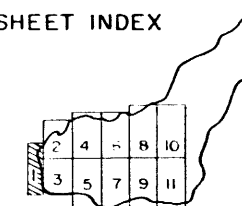
BASIN DESIGNATION
BASIN AREA (AC.)
DESIGN POINT
MAJOR BASIN BOUNDARY

----- 100 YR. FLOODWAY LIMITS (PROPOSED)
----- SUB-BASIN BOUNDARY
----- CITY LIMITS
----- EXISTING STORM SEWER
----- PROPOSED STORM SEWER

----- EXIST. CROSS CULVERT
OR BRIDGE
----- PROP. CROSS CULVERT
OR BRIDGE
----- EXIST. BANK LINING
WITH NO CHANGE
----- EXIST. BANK LINING
INCREASE DEPTH

----- PROPOSED
BANK LINING
----- PROPOSED
DROP STRUCTURE
----- ENVIRONMENTAL
CLASSIFICATION
----- DRAINAGE R.O.W.

SHEET INDEX



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PROJECT:

COTTONWOOD CREEK DRAINAGE BASIN PLANNING STUDY
DRAINAGE PLAN
SCALE 1"=200' CONTOUR INTERVAL=2'
FIGURE 8 SHEET 1 OF 11