

REACH	HEC-1 FLOW W/DATE (CFS)	CHANNEL LENGTH (FT)	EXISTING IMPROVEMENT	TOTAL BOTTOM WIDTH (FT)	TOTAL DEPTH (FT)	RECOMMENDED IMPROVEMENT
24A TO DESIGN POINT 24B	797	2,800	NATURAL	12	6.0	NATURAL (18 POND) EXIST. CHANNEL WITH NO IMPROVEMENTS. (18 POND) EXIST. CHANNEL WITH NO IMPROVEMENTS.
24B TO DESIGN POINT 24A	454	3,100	36" PIPE	36/54" RCP	N/A	PARALLEL PIPE (1.25') INCREASE DEPTH OF EXISTING LINED CH. 2.5'
24 TO DESIGN POINT 25	2,201	1,750	CONCRETE	8	6.5	NO IMPROVEMENT REQUIRED
23 TO DESIGN POINT 24	1,737	1,150	CONCRETE	6	6.0	NO IMPROVEMENT REQUIRED
23A TO DESIGN POINT 23	766	850	CONCRETE	8	5.0	INCREASE DEPTH OF EXISTING LINED CH. 2.5'

REACH	HEC-1 FLOW W/DATE (CFS)	CHANNEL LENGTH (FT)	EXISTING IMPROVEMENT	TOTAL BOTTOM WIDTH (FT)	TOTAL DEPTH (FT)	RECOMMENDED IMPROVEMENT
15 TO DESIGN POINT 23A	240	3,200	48" PIPE	30" RCP	N/A	PARALLEL PIPE (1.25')
22 TO DESIGN POINT 23	613	6,550	CONCRETE	6	5.0	NO IMPROVEMENT REQUIRED
12 TO DESIGN POINT 22A	163	1,650	42" PIPE	N/A	N/A	NO IMPROVEMENT REQUIRED
11 TO DESIGN POINT 22	343	2,400	CONCRETE	6	5.0	NO IMPROVEMENT REQUIRED

LOCATION	HEC-1 FLOW W/DATE (CFS)	BRIDGE LENGTH (FT)	EXISTING IMPROVEMENT	TOTAL BOTTOM WIDTH (FT)	TOTAL DEPTH (FT)	RECOMMENDED IMPROVEMENT
UNION BLVD (DP 24)	1,737	125	CONC. 10' x 7'	N/A	N/A	NO IMPROVEMENT REQUIRED
LEXINGTON (DP 23) N. SIDE	1,108	95	CONC. 4' x 4'	N/A	N/A	NO IMPROVEMENT REQUIRED
LEXINGTON (DP 23) S. SIDE	765	225	CONC. 3' x 4'	10	5	NO IMPROVEMENT REQUIRED



SEE SHEET 4 FOR
REACH 26A-26B

- 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

- 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

SHEET INDEX



MAPPING:



ENGINEER:

URS
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PROJECT:

COTTONWOOD CREEK DRAINAGE BASIN PLANNING STUDY
DRAINAGE PLAN
SCALE 1"=200'
CONTOUR INTERVAL=2'
FIGURE 13
SHEET 6 OF 11