(6) IMPROVE OVERFLOW CHANNEL WEST OF TETON TO PASCUZZI POND AND CONSTRUCT NEW OVERFLOW DIVERSION WEIR ON UPSTREAM SIDE OF POND
25-YR DESIGN DIVERSION FLOW = 150 CFS

(3) INSTALL NEW 48INCH DIA. RCP CULVERT UNDER HERMAN ROAD TO EXISTING NORTH CHANNEL
25-YR DESIGN FLOW = 66 CFS

(3) MAINTAIN AND IMPROVE LOCAL DRAINAGE AND CONSIDER ALTERNATIVE ALIGNMENTS AT DURAMETAL

(3) MAINTAIN AND IMPROVE EXISTING NORTH CHANNEL AND SWEEK POND OUTLET TO CONVEY LOCAL DRAINAGE AND DRAINAGE NORTH OF HERMAN RD (66 CFS)

INSTALL TWO NEW 48 INCH CULVERTS UNDER HERMAN ROAD AND THE RAILROAD GRADE
25-YR DESIGN FLOW = 179 CFS

(4) ABANDONED

(6) MAINTAIN AND CONSTRUCT NEW CHANNEL. TIE DRAINAGE FROM TETON NORTH OF HERMAN AND OVERFLOW CHANNEL TO NEW CHANNEL
25-YR DESIGN FLOW = 200 CFS

(1) INSTALL NEW 9'x18' ARCH CULVERT
100-YR DESIGN FLOW = 902 CFS

SEE NOTE 2

(7) REPLACE EXISTING CULVERTS WITH 2-5.5'X5.5' BOX CULVERTS IN SOUTH CHANNEL AT TETON AVE AND CHANNEL IMPROVEMENTS UPSTREAM AND DOWNSTREAM AS NECESSARY TO CONVEY DESIGN FLOWS AND MINIMIZE VELOCITIES AND EROSION
25-YR DESIGN FLOW = 411 CFS

MAINTAIN OPEN CHANNELS AND PERFORM STREAM ENHANCEMENT PROJECT

REPLACE EXISTING CULVERT WITH 2-36 INCH DIA. CONC. CULVERTS
25-YR DESIGN FLOW = 46 CFS

WATER QUALITY FACILITY SITE CURRENTLY UNDER PLANNING AND DESIGN

REFORM STREAM ENHANCEMENT STUDY AND IMPLEMENT PROJECTS ON UPPER HEDGES CREEK

(26) REPLACE EXISTING 18 INCH DIA. CONC. WITH NEW 48 INCH DIA. RCP.
25-YR DESIGN FLOW = 50 CFS

PACIFIC HIGHWAY
CIPOLE ROAD
HERMAN ROAD
TUALATIN-SHERWOOD ROAD
TETON AVENUE
AVERY STREET
BOONES FERRY ROAD
NORTH CHANNEL HEDGES CREEK
SOUTH CHANNEL HEDGES CREEK
HEDGES CREEK
TUALATIN RIVER
TUALATIN

NOTES:

1 DESIGN FLOWS BASED ON "HEDGES CREEK SUBBASIN STRATEGIES REPORT" PREPARED BY BROWN AND CALDWELL CONSULTANTS FOR USA, OCTOBER, 1992.

2 ELEMENTS OF HEDGES CREEK MARSH MANAGEMENT PLAN ARE OUTLINED AND DISCUSSED IN DEPTH IN APPENDIX B.

LEGEND

- URBAN GROWTH BOUNDARY
- DRAINAGE BASIN BOUNDARY
- OPEN CHANNEL
- FLOW DIRECTION
- CULVERT
- STORM DRAIN
- [19] EXISTING FACILITY NUMBER
- (19) CIP PROJECT

NO.	DATE	REVISION

0 600 1200 1800
SCALE IN FEET

MONTGOMERY WATSON
Bellevue, Washington

unified sewerage agency
155 N. First Avenue Hillsboro, Oregon 97124

FIGURE I-1
RECOMMENDED CAPITAL IMPROVEMENTS
HEDGES CREEK SUBBASIN

DES		SHEET
DR		
CHK		DATE
APPD		PROJ#