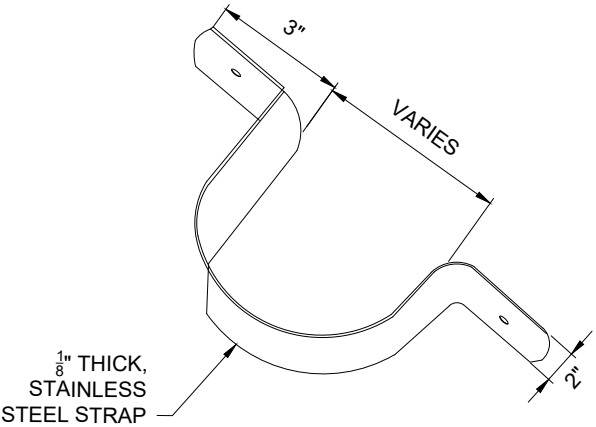


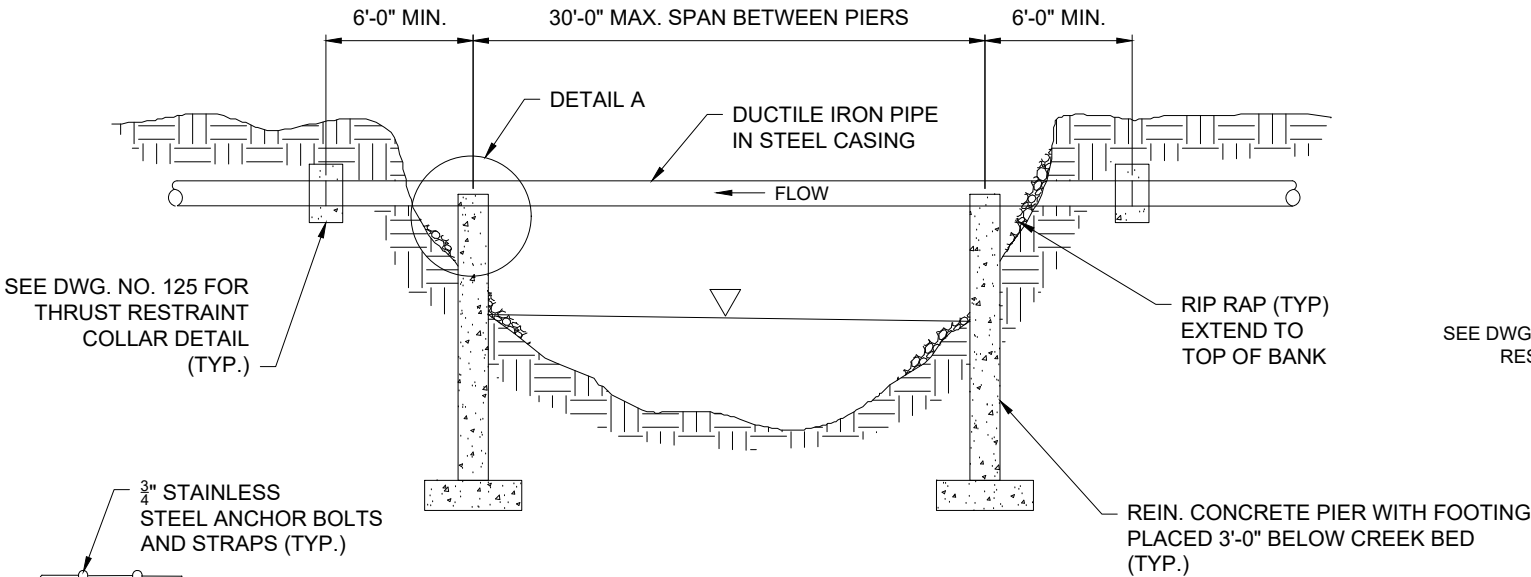
118 - Sewer Pipe Ditch Crossing.dwg March 17, 2026 - 1:20pm

TABLE 118-1			
ALLOWABLE SPANS FOR STEEL CASING PIPE			
CARRIER PIPE, RJ DIP DIAMETER (IN)	CASING PIPE, STEEL DIAMETER (IN)	MIN. CASING PIPE WALL THICKNESS (IN)	ALLOWABLE SPAN (FT)
6	14	0.3750	40
8	16	0.3750	45
10	18	0.3750	50
12	20	0.3750	50
14	24	0.3750	55
16	26	0.3750	55
18	30	0.3750	60
20	32	0.3750	60
24	36	0.4375	65
30	42	0.4375	65
36	48	0.5000	65
40	56	0.5000	65

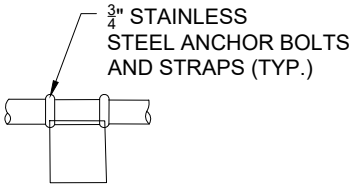


STRAP DETAIL
NTS

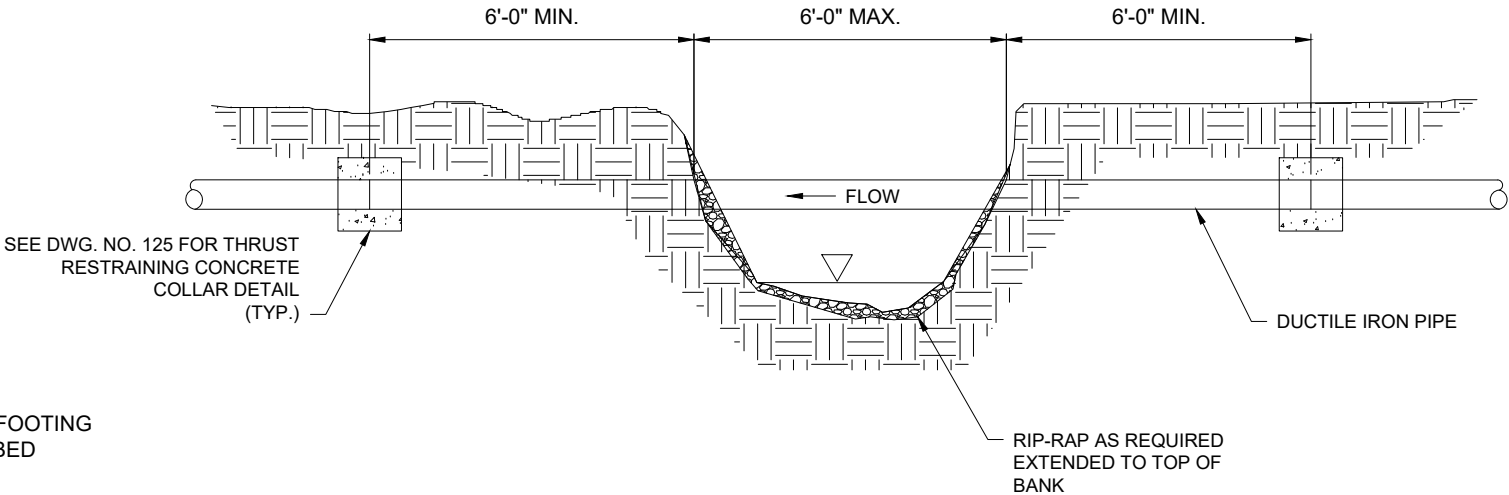
- NOTES:
1. STEEL PIPE COATED INSIDE AND COATED AND WRAPPED OUTSIDE MAY BE USED.
 2. WHERE SEWER PIPES RUN PARALLEL WITH CREEKS OR STREAMS, HDPE PIPE SHALL BE USED. RIP RAP IS REQUIRED WITHIN 10 FEET OF SEWER EASEMENT. ALL SEWER OUTFALLS MUST BE LEFT ACCESSIBLE TO COUNTY SERVICE TRUCKS. GATES (12 FEET) WILL BE REQUIRED ON FENCES ACROSS SEWER LINES.
 3. CONCRETE STRENGTH TEST MAY BE REQUIRED FOR ALL POURED IN PLACE CONCRETE.
 4. REFER TO FULTON COUNTY STANDARD 401 FOR RIP RAP SPECIFICATIONS.
 5. WHENEVER POSSIBLE, NO PIERS SHALL BE PLACED IN NORMAL FLOW OF CREEK.
 6. ALL AERIAL CROSSINGS MUST BE APPROVED IN WRITING BY FULTON COUNTY.
 7. ANY SPAN EXCEEDING 30 FEET REQUIRES SUBMITTAL OF DESIGN CALCULATIONS.
 8. ALL AERIAL CROSSINGS MUST AT MINIMUM HAVE STEEL CASING PIPE.
 9. ALL PIER FOUNDATIONS SHALL CONFORM TO THE RECOMMENDATIONS OF A PROFESSIONAL ENGINEER LICENSED IN THE STATE GEORGIA.
 10. AERIAL CROSSING SHALL BE APPROVED BY LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO ACCEPTANCE BY FULTON COUNTY.
 11. NO PLASTIC PIPE ALLOWED FOR AERIAL CROSSINGS.
 12. STEEL CASING PIPE SHALL BE SPIRAL WELDED OR SMOOTH WALL SEEM LESS WITH A MINIMUM YIELD STRENGTH OF 36,000 PSI
 13. EXPANSION JOINT BETWEEN PIERS SHALL BE INSTALLED IF REQUIRED BY DESIGN ENGINEER.
 14. REFER TO DETAIL 100 FOR ADDITIONAL INFORMATION.



TYPICAL AERIAL STEEL OR
D.I.P. PIPE CROSSING
NTS



DETAIL A
NTS



TYPICAL NON-PIER AERIAL
D.I.P. SEWER LINE
NTS

FULTON COUNTY STANDARD DETAIL 118
SEWER PIPE DITCH CROSSING

DATE	REVISIONS	DATE	REVISIONS

DGS/DRN/CHKD: MB/EB/ML
APPROVED: TM
DATE: 02-18-2026



FULTON COUNTY PUBLIC WORKS
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404-612-7400 FAX: 404-224-0498

DRAWING NO.
118