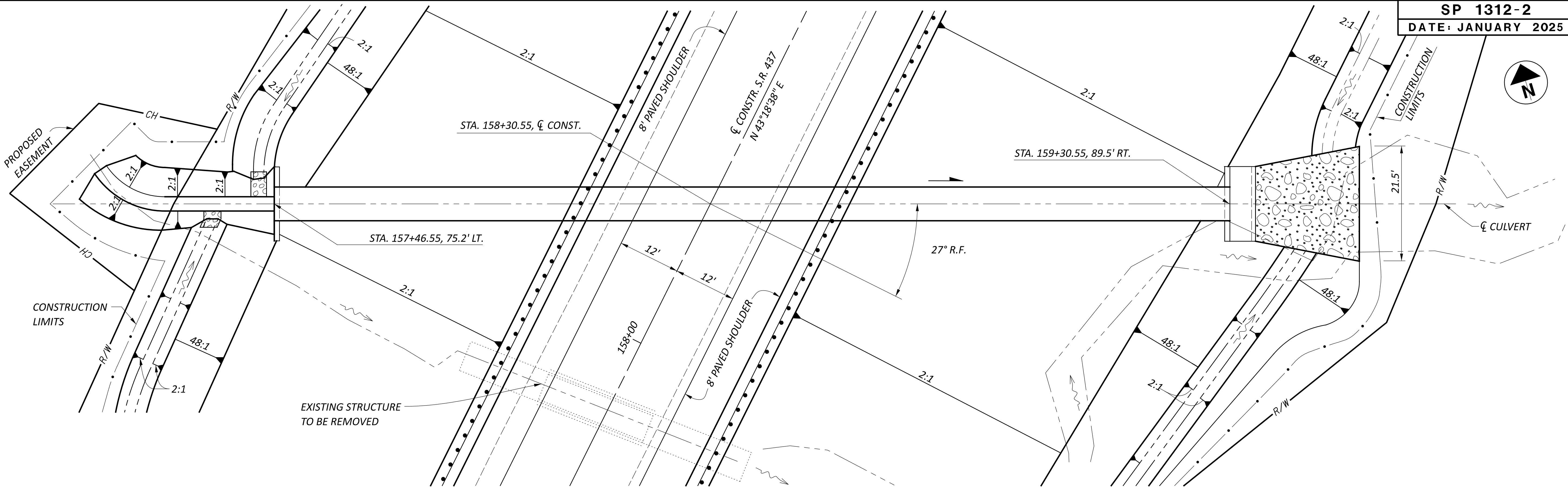




HYDRAULIC DATA

DRAINAGE AREA = 108 AC.
ORDINARY HIGH WATER MARK = 810.3 FT.
DESIGN SERVICE LIFE = 75 YEARS
ABRASION LEVEL = 3
pH = 7.5
CFN = 1234567
Q (4%) = 188 cfs
Q (1%) = 260 cfs

HW (4%) = 815.6'
HW (1%) = 817.6'
V (4%) = 16.0 fps
V (1%) = 18.5 fps

EXISTING STRUCTURE
TYPE: STONE ARCH W/72" CMP EXTENSIONS
SIZE: 6'X5'X58' ARCH
SKEW: 27° R.F.
ALIGNMENT: TANGENT
DATE BUILT: 1908
CONDITION: POOR
CFN: 7654321

PROPOSED STRUCTURE
TYPE: 66" CONDUIT, TYPE A, 706.02 OR 78" 707.02 (0.064) ALUMINIZED, 707.03 (0.138) W/CIP, 707.07 (0.109) GALVANIZED, 707.21 W/CIP
SKEW: 27° R.F.
ALIGNMENT: TANGENT
CFN: 1234567

QUANTITIES CARRIED TO DRAINAGE SUBSUMMARY, SHEET P.37

ESTIMATED QUANTITIES			
ITEM	QUANTITY	UNIT	DESCRIPTION
202	LS		STRUCTURE REMOVED
601	60	CY	ROCK CHANNEL PROTECTION, TYPE A WITH FILTER
601	8	SY	RIPRAP
602	5.9	CY	CONCRETE MASONRY
611	184	FT	66" CONDUIT, TYPE A, 706.02 OR 78" 707.02 (0.064) ALUMINIZED, 707.03 (0.138) W/CIP, 707.07 (0.109) GALVANIZED, 707.21 W/CIP
670	72	SY	DITCH EROSION PROTECTION MAT TYPE C

CIP = CONCRETE INVERT PAVING

