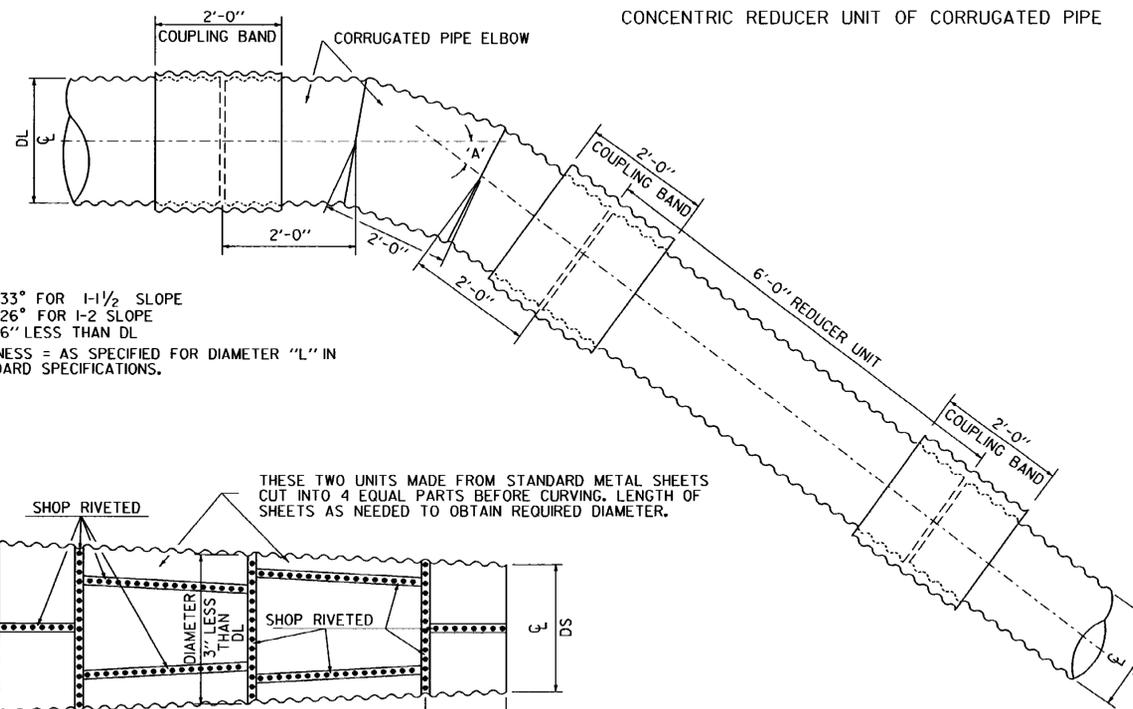
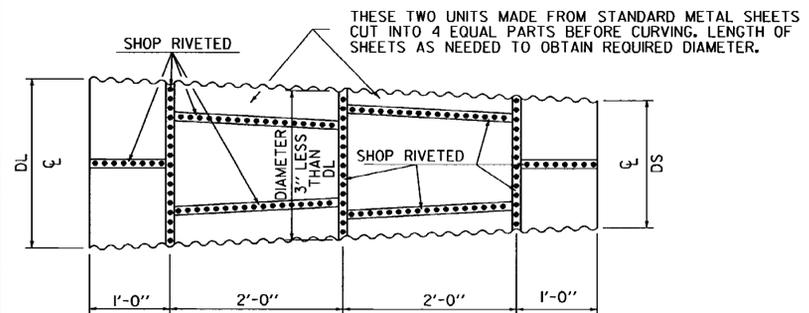


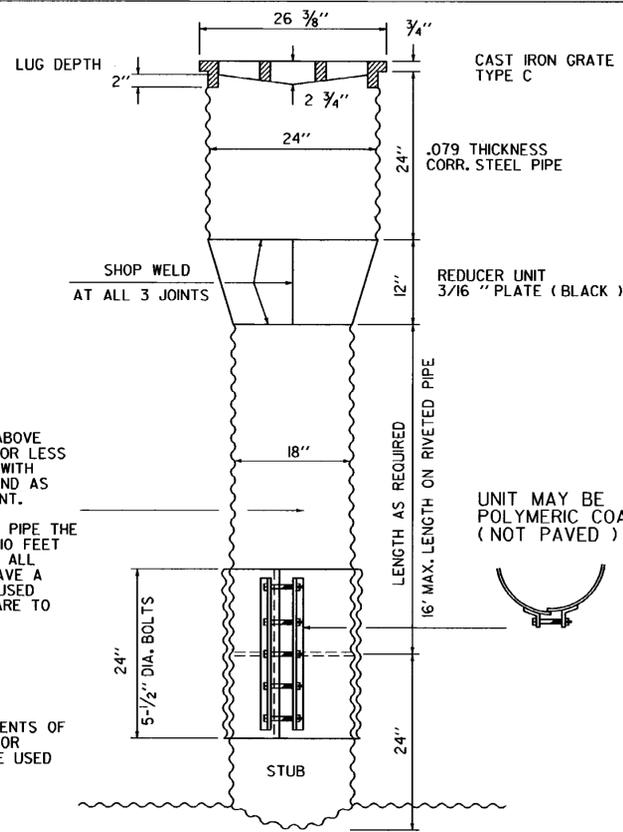
SADDLE BRANCH FOR CORRUGATED STEEL PIPE
(NOT TO BE USED WITH CORRUGATED GALVANIZED METAL PLATE PIPE)



A = 33° FOR 1-1/2 SLOPE
A = 26° FOR 1-2 SLOPE
Ds = 6" LESS THAN DL
THICKNESS = AS SPECIFIED FOR DIAMETER "L" IN STANDARD SPECIFICATIONS.



REDUCER UNIT



ELEVATION
WELDED OR RIVETED PIPE OR STRUCTURAL PLATE (MAIN LINE)
CORRUGATED STEEL PIPE VERTICAL RISER
(SEE SPECIAL PROVISIONS FOR BASIS OF PAYMENT)

THE 18" DIAMETER PORTION OF THE RISER ABOVE THE STUB, TO BE IN SECTIONS OF 8 FEET OR LESS IN LENGTH, EACH JOINT MUST BE SECURED WITH THE SAME TYPE AND SIZE OF COUPLING BAND AS CALLED FOR AND SHOWN AT THE STUB JOINT.

ON POLYMERIC COATED CORRUGATED STEEL PIPE THE STUB MAY BE SHOP WELDED ON UNITS OF 10 FEET IN HEIGHT AND UNDER IN OVERALL LENGTH. ALL UNITS OVER 10 FEET IN LENGTH ARE TO HAVE A SADDLE BRANCH CONNECTION. ANY RISERS USED ON CORRUGATED GALVANIZED METAL PIPE ARE TO BE CONNECTED BY SHOP WELDS ONLY.

NOTE:

COUPLING BANDS CONFORMING TO REQUIREMENTS OF SECTION 711 AND EQUIPPED WITH SILO RODS OR CABLES FOR POSITIVE ATTACHMENT, MAY BE USED IN LIEU OF 24" COUPLING BAND SHOWN.

APPROVED
APPROVED FOR THIS PROJECT AND/OR DESIGN IMPLEMENTATION, FHWA FINAL APPROVAL PENDING.

Stephen D. MacArthur, P.E.
DIRECTOR OF ENGINEERING
Robert M. Murphy, PE
DESIGN ENGINEER

SADDLE BRANCH FOR CORRUGATED STEEL PIPE
CORRUGATED STEEL PIPE VERTICAL RISER
CONCENTRIC REDUCER UNIT OF CORRUGATED METAL PIPE



STANDARD
D-17

REVISIONS AND CORRECTIONS
DEC. 14, 1971 - ORIGINAL APPROVAL
OCT. 30, 1985 - REVISED TO CONFORM TO 1986 SPECIFICATIONS
JUNE 1, 1994 - REISSUED, WITHOUT CHANGE, UNDER NEW SIGNATURES.