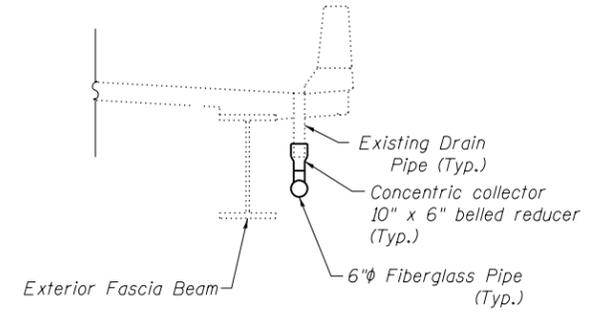


SPANS 4 & 5 ELEVATION
(Looking West)

Notes:
 See sheet 33 of 35 for additional notes and details.
 The surface of the fiberglass pipe and fittings shall be free of bond inhibiting agents.
 The pipe and fittings shall be reinforced fiberglass according to ASTM D 2996 RTRP with 30,000 p.s.i. minimum short-time rupture strength hoop tensile stress.
 The reinforced fiberglass shall also have an apparent stiffness factor at 5 percent deflection exceeding 200 cu. in.-lbf/sq. in. and a minimum wall thickness of 0.10 in.
 The pay item "Drainage System" shall include providing and installing 6" pipe, 6" T's, elbows, 45° Y-branch, expansion collars and reducers, clean outs, inserts, straps, hangers and all other necessary items to complete the underdeck drainage system. See Special Provisions. The clamping devices, hangers, inserts and the straps shall be hot dipped galvanized in accordance with AASHTO M-232.
 Bolts, washers and nuts for "Drainage System" shall conform to the requirements of ASTM A-307.
 The exterior surfaces of the fiberglass pipes and fittings for the "Drainage System" shall be pigmented throughout or have a resin-rich pigmented exterior coat, specifically designed for overcoating fiberglass, as recommended by the manufacturer. The color shall be as specified by the Engineer. The resin in either case shall have an ultraviolet absorber designed to prevent ultraviolet degradation. The supplier shall certify the material supplied meets these requirements.



SECTION A-A

BILL OF MATERIAL

Item	Unit	Total
Drainage System	L. Sum	0.25