



CONTRACT 62829	F.A.I. RTE, NO.	SECTION		OUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. SB-36
	305	2004-088	вс	соок	145	119	OF SHEETS SB-44
	FED. ROAD DI	T. NO. 1 I	ULTROUS	FED. ALD PR-	OJECT-		

Holes in the masonry for anchor bolts shall be drilled through the base plates to the diameter and depth shown or according to the manufacturer's recommendation after beams or girders have been erected and adjusted. Prior to setting the bolts, the holes shall be dry and all dust and loose particles shall be removed by the use of compressed air or vacuuming. The anchor bolts, furnished and installed and including the epoxy grout or capsules shall not be paid for separately but shall be included in the unit bid

MATERIALS FOR ILLINOIS COIL-LOCK

The anchor bolt shall be fabricated from cold drawn or hot finished seamless carbon steel mechanical tubing conforming to ASTM A 519, Grade 1026, CW and

and wrapped or packaged to prevent contamination until they are installed. The epoxy grout shall be a two-component, epoxy resin bonding system conforming to ASTM C 881, Type I, Grade 1 and of a Class suitable for the temperature at installation.

INSTALLATION PROCEDURE for the ILLINOIS

1. With the coll wire in place, the bolt shall be inserted into the hole and turned clockwise to a snug fit in the hole. Nut and washer shall be placed on the bolt. The nut shall be tensioned until the steel base plates are held securely to the concrete

2. Epoxy grout shall be pumped through the zerk fitting with a pressure gun. Pumping shall continue until the epoxy overflows the hole around the bolt shank. After pumping

The Contractor may use, at his option, the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or the adhesive cartridge type anchor rods shall be a two part

A threaded rod stud with nut and washer of the type specified.
A sealed glass capsule or a sealed glass adhesive cartridge containing premeasured amounts of the adhesive chemical.

Туре A307 A307
A307
A307
A307
A307

ASTM F 1554 Grade 105, ASTM A 449 and AASHTO M 314 Grade 105 anchor bolts may be substituted for the anchor bolts shown above.

> ANCHOR BOLT DETAILS WILLOW ROAD OVER DES PLAINES RIVER F.A.P. RTE. 305 SECTION 2004-088B COOK COUNTY STA. 397+76.18 STR. NO. 016-0530

EDWARDS AND KELCEY