

GENERAL NOTES

Partial Removal of the existing structure during construction shall be completed according to Section 501.05 of the Standard Specifications.

Reinforcement bars designated (E) shall be epoxy coated.

Plan dimensions and details relative to the existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of work, however, the Contractor will be paid for the quantity furnished at the unit price for the work.

Expansion bolts shall be according to Standard Specification Article 1006.09.

The depth of Removal and Replacement of Unsuitable Materials and Rockfill-Replacement as shown on the plans is estimated.

The verification of allowable soil bearing pressure underlying the proposed box culvert and wingwall footings shall be verified by a dynamic cone penetration (DCP) test or other acceptable measures as provided by the District Geotechnical and Field Engineers. The results of the test must exceed the calculated bearing pressures shown on the plans prior to placement of the Concrete Box Culvert or Rockfill-Replacement. Tests falling to exceed the calculated bearing pressures as shown on the plans will require subsurface modification that must be coordinated with the District Geotechnical and Field Engineers.

For riprap placement and quantity, see Roadway Plans.

DESIGN STRESSES

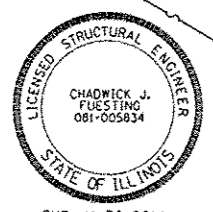
EXISTING CONSTRUCTION	NEW CONSTRUCTION
fy = 40,000 psi	fy = 60,000 psi
f'c = 3,000 psi	f'c = 3,500 psi

DESIGN SPECIFICATIONS
2012 AASHTO LRFD Bridge Design Specifications, 6th Edition with 2012 Interims

LOADING HL-93

BOX CULVERT DETAILS
RT. STA 2393+86.08
F.A.I. ROUTE 70 EB (RDWY B)

S:\Projects\403-00072-5770-Roadways\Culverts\Station 2393+86.08\RDWY B\Drawings\Sheet 1 of 3.dwg 2/13/13 11:56 AM



EXP. 11-30-2014
Chadwick J. Fluestring 5/13/13

FILE NAME	USER NAME	DESIGNED	REVISIONS
#FILEA6		A.C.S.	-
		B.B.	-
		A.C.S.	-
		C.J.F.	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. 1 OF 3 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	(25-3,4R)	EFFINGHAM	1760	532

CONTRACT NO. 74295
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT