

# LONGITUDINAL SECTION THRU PRECAST CONCRETE BOX CULVERT

PRECAST BOX		I			1	I	1	1				1	1			F.A.P. RT 3	F ILLINOIS 03 SEC. 129R G HL-93
STATIONING	20400800 FURNISHED EXCAVATION	50200100 STRUCTURE EXCAVATIO N	I FXCAVATIO	PLATES				54011006 PRECAST CONCRETE BOX CULVERT 10' X 6'	CONCRETE BOX	SECTIONS,	54001002 BOX CULVERT ENI SECTIONS, CULVERT NO. 2	54001003 D BOX CULVERT END SECTIONS, CULVERT NO. 3	54001004 BOX CULVERT END SECTIONS, CULVERT NO. 4	54001005 BOX CULVERT END SECTIONS, CULVERT NO. 5		STRUCT NAME	PLATE 5. 515001
	CU YD	CU YD	CU YD	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH		TION	STRUCTURE NO.
IL 173															1067+		101-2054
1067+73.00	686	543		1			282			6					1119+		101-1340
1119+72.44	1172		218	1					32		2				1126+	12	101-2055
1126+42.36	358	289		1				26				4			1131+4		101-1139
1131+45.54	411	288		1		38							4		1137+4	16	101-1338
1137+46.00	622	297		1	86									4			
TOTAL	3249	1417	218	5	86	38	282	26	32	6	2	4	4	4			
100% PAID BY VMP	p	,	1		1	1	1	1		1	1	-	1				
ME =		USER NAME = Elgın 110		DESIGNED - MJS		REVISED -						DRAINAGE DETAILS				F.A.P. SECT RTE. SECT	TOTAL COUNTY TOTAL SHEETS
SHEETS\ZØØ793DR-DTLS6.d	-			DRAWN - RMH		REVISED -		STATE OF ILLINOIS			PRECAST BOX CULVERTS AND END SECTION			ſ	303 12	9R WINNEBAGO 968	
UPCHURCH GROUP		PLOT SCALE = 10.0000 '/ IN. PLOT DATE = 7/22/2013 1:31:00 PM		CHECKED - RLH DATE - APRIL 30, 2013		REVISED - REVISED -		DEPA	DEPARTMENT OF TRANSPORTATION						TO STA.		CONTRACT NO.

1. PRECAST CONCRETE BOX CULVERT SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ARTICLE 540.06 OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE REQUIREMENTS OF ASTM C1577.

2. LIFTING HOLES SHALL BE FILLED WITH CONCRETE PLUGS AND MASTIC AFTER BOX SECTIONS ARE IN PLACE.

3. EXPOSED EDGES SHALL HAVE A  $\frac{3}{4}$ " CHAMFER.

4. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES. WORK SHALL BE COMPLETED IN SUCH A MANNER SO AS NOT TO DISTURB OR DAMAGE THE EXISTING

### DESIGN SPECIFICATION

AASHTO LRFD DESIGN SPECIFICATIONS 5TH EDITION WITH 2010 INTERIMS

### **DESIGN STRESSES**

FIELD UNITS f'c = 3,500 p.s.i. fy = 60,000 p.s.i. (REINFORCEMENT)

## LOADING HL-93

BACKFILL INCLUDED WITH STRUCTURE EXCAVATION OR ROCK EXCAVATION STRUCTURES.

54001005	
CULVERT END ECTIONS, LVERT NO. 5	
EACH	
4	
4	

STATION
BUILT 20 BY
STATE OF ILLINOIS
F.A.P. RT 303 SEC. 129R
LOADING HL-93
STRUCTURE NO.

STATION	STRUCTURE NO.
1067+73	101-2054
1119+72	101-1340
1126+42	101-2055
1131+46	101-1139
1137+46	101-1338