STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

				CONTRAC	T NO.	66407
F.A. RTE		SECTION	1	COUNTY	TOTAL	SHEET NO.
80	T	32-3HBR	-1	GRUNDY	88	64
STA	•			TO STA.		
FED.	ROAD	DIST. NO.	ILLIN	OIS FED. AID	PROJECT	

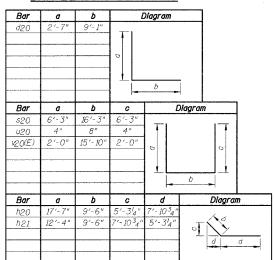
SHEET NO. C2 OF 5 SHEETS

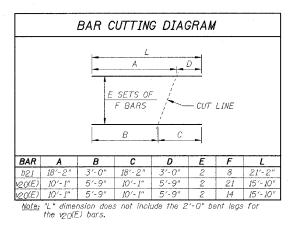
129'-0" Out to Out Headwalls 61'-6" 67'-6" For View A-A see Sheet C3 – © F.A.U. Rte. 5974 (Ashley Road) For View A-A see Sheet C3 -Elev. 531.40 Flow - Inv. Elev. 531.41 Elev. 531.50 -Inv. Elev. 531.49

LONGITUDINAL SECTION (Looking South)

*Confirm slab thickness with Precaster.

BAR BENDING DIAGRAMS



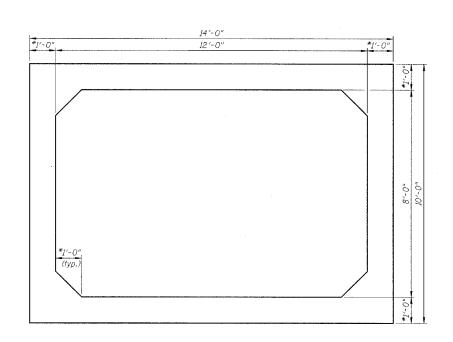


BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a20	74	#5	9'-1"	
b20	32	#5	20'-0"	
b21	16	#5	21'-2"	
b22	6	#5	37'-7"	-
b23	6	#5	19'-2"	
d20	74	#5	11'-8"	<u> </u>
h20	2	#5	27'-1"	_
h21	2	#5	21'-10"	_
h22	40	#5	16'-8"	
h23	40	#5	10'- 11"	
s20	8	#5	28'-9"	L
u20	34	#4	1'-4" .	
v20(E)	70	#5	19'-10"	LJ
	Item	1	Unit	Quantity
Concret	e Box	Culverts		43.1
Reinford	cement	Bars	Pound	4500
Reinford Poxy (cement Coated	Bars,	Pound	1450

GENERAL NOTES:

- 1.) Cast-in-place concrete exposed edges shall be beveled \$\frac{3}{4}\$ in.
 2.) Class \$\text{SI}\$ concrete shall be used throughout (concrete strength, \$f' \alpha = 3500 \ psi \text{\text{\text{\text{Polestate}}}} \ 28 \ days).
 3.) Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42, or M-53, grade 60.
 4.) Reinforcement bars denoted (E) shall be epoxy coated.
 5.) It shall be the responsibility of the Contractor to divert the stream flow during construction in order to keep the construction areas free of water. The method of water diversion shall be subject to the approval of the Engineer and the cost shall be included with the cost of "Precast Concrete Box Culvert 12'x8".
 6.) See Sheet 44 for boring data.
 7.) Structural seal is for cast-in-place portion of structure only.
 8.) The precast concrete culvert sections shall be designed and manufactured in accordance with AASHTO M259 (ASTM C1433).
 9.) For backfilling and embankment, see Standard Specifications.
 10.) End of precast section shall not have a bell or spigat.
 11.) The apron end sections shown shall be cast-in-place.
 12.) Contractor to confirm all precast culvert dimensions with the supplier before starting construction.
 13.) The existing plans are provided for informational use only.



SECTION THRU BARREL

*Confirm slab and wall thickness with Precaster.

NOTES:

1.) Work this sheet with Sheets C1, C3-C4. 2.) For View A-A, see Sheet C3.

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LINOIS DEPARTMENT OF TRANSPORTATION ENERAL NOTES, BILL OF MATERIAL, SECTION AND DETAILS CULVERT & STATION 114+17.59 F.A.I. 80 (I-80) SECTION 32-3HBR-1 GRUNDY COUNTY

IED BY: JML 09/09/05

DRAWN BY: DJM CHECKED BY: MSW