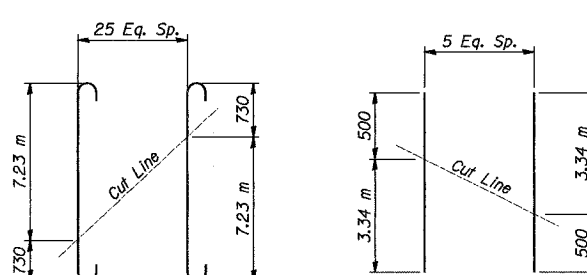
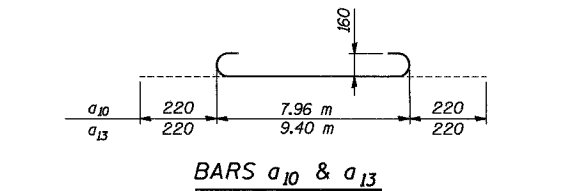
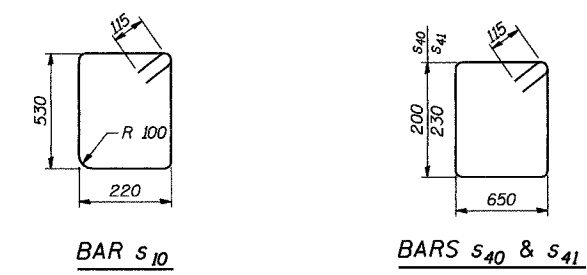
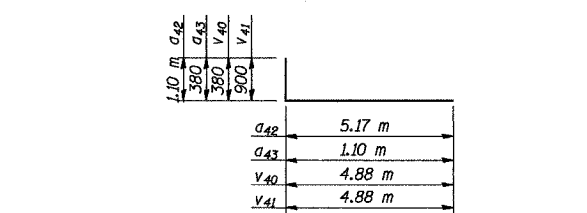


BILL OF MATERIAL - STAGE 3A

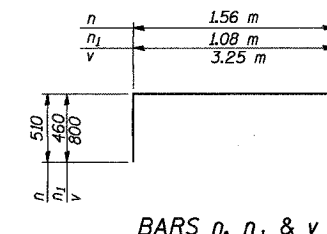
Bar	No.	Size	Length (m)	Shape
a ₁₀	98	#19	8.40	┌
a ₁₁	108	#16	3.51	┌
a ₁₂	116	#25	2.20	┌
a ₁₃	8	#19	9.84	┌
a ₁₄	12	#16	3.84	┌
a ₂₀	378	#25	8.92	┌
a ₂₁	394	#16	3.51	┌
a ₂₂	378	#29	3.10	┌
a ₄₀	30	#25	5.17	┌
a ₄₁	12	#25	8.99	┌
a ₄₂	30	#25	6.27	┌
a ₄₃	30	#25	1.48	┌
b	20	#16	9.07	┌
d ₁₀	14	#16	1.50	┌
h	20	#16	7.30	┌
h ₁	20	#16	3.90	┌
h ₂	3	#16	7.43	┌
h ₁₀	250	#16	6.61	┌
h ₁₁	213	#16	4.61	┌
h ₂₀	230	#25	6.29	┌
h ₂₁	230	#25	6.29	┌
h ₂₂	360	#25	7.33	┌
h ₂₃	540	#25	5.27	┌
h ₂₄	280	#16	5.62	┌
h ₂₅	480	#16	7.03	┌
n	39	#19	2.07	┌
n ₁	37	#16	1.54	┌
s ₁₀	33	#13	1.73	┌
s ₄₀	189	#13	1.93	┌
s ₄₁	87	#13	1.99	┌
v	40	#16	4.05	┌
v ₁	39	#16	3.41	┌
v ₂	12	#16	3.41	┌
v ₁₀	183	#25	3.18	┌
v ₁₁	183	#25	1.28	┌
v ₂₀	868	#29	3.59	┌
v ₂₁	191	#16	2.80	┌
v ₂₂	868	#29	1.92	┌
v ₄₀	30	#25	5.26	┌
v ₄₁	30	#25	5.78	┌
Concrete Box Culverts		m ³	752.4	
Reinforcement Bars		kg	109,260	



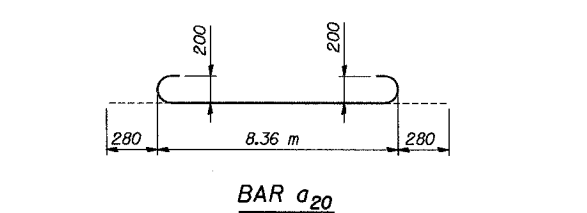
CUTTING DIAGRAM BAR a₁₀ **CUTTING DIAGRAM BAR a₁₄**



BARS a₄₂, a₄₃, v₄₀ & v₄₁



BARS n, n₁ & v



BAR a₂₀

STAGE 3A REINFORCEMENT DETAILS

Date: 11/22/2004 Time: 11:53:06 AM File name: F:\643596\Structural\A3\072-2032\sheet\Final Plans\Contract *10\REC007-1A072032.dgn

Designed by: WEE
Checked by: AK
Drafted by: JV
Checked by: AK

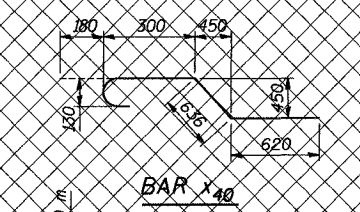
ROUTE NO.	SECT.	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.I. 74	(72-7) R-3	PEORIA	563	1360
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 68280

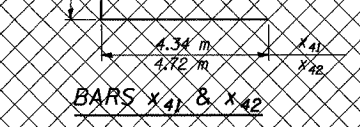
BILL OF MATERIAL - STAGE 2A

Bar	No.	Size	Length (m)	Shape
a ₃₀	48	#19	4.50	┌
a ₃₁	54	#16	3.51	┌
a ₃₂	22	#25	3.10	┌
a ₃₃	64	#19	5.82	┌
a ₃₄	8	#19	11.44	┌
b ₃₀	20	#16	10.77	┌
d ₃₀	14	#16	1.50	┌
h ₃₀	70	#16	6.60	┌
h ₃₁	70	#16	6.60	┌
h ₃₂	36	#16	1.90	┌
h ₃₃	36	#16	5.85	┌
h ₃₄	20	#16	8.87	┌
h ₃₅	20	#16	3.87	┌
h ₃₆	3	#16	8.30	┌
h ₃₇	43	#19	2.07	┌
h ₃₁	41	#16	1.54	┌
s ₃₀	39	#13	1.73	┌
v ₃₀	48	#16	4.05	┌
v ₃₁	43	#16	3.41	┌
v ₃₂	13	#16	3.41	┌
v ₃₃	84	#25	1.28	┌
v ₃₄	84	#25	3.18	┌
v ₄₀	32	#13	1.74	┌
v ₄₁	6	#13	6.64	┌
v ₄₂	6	#13	7.02	┌
*Concrete Structures		m ³	72.2	
*Reinforcement Bars		kg	7500	

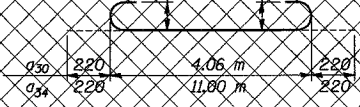
* For information only. Cost included with Box Culvert End Section.



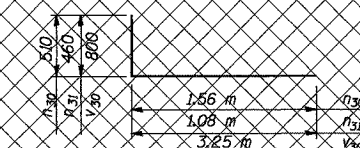
BAR x₄₀



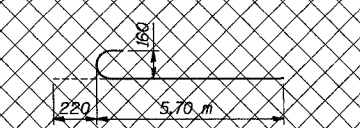
BARS x₄₁ & x₄₂



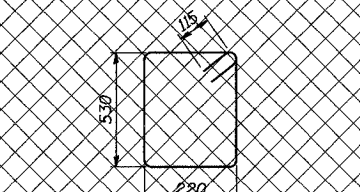
BARS a₃₀ & a₃₄



BARS d₃₀, d₃₁ & v₃₀



BAR a₃₃



BAR s₃₀

STAGE 2A REINFORCEMENT DETAILS

REVISION	DATE	DESCRIPTION
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		
BAR DETAILS AND BILLS OF MATERIAL		
F.A.I. ROUTE 74 (I-74) OVER DRY RUN CREEK F.A.I. ROUTE 74 SEC. (72-7)R-3 PEORIA COUNTY STA. 143+305.339 (E.B. I-74) STRUCTURE NUMBER 072-2032		
PARSONS TRANSPORTATION GROUP CHICAGO, ILLINOIS		
DRAWING NO. 12	SCALE N.T.S.	DATE 6/30/03
		SHEET NO. 12