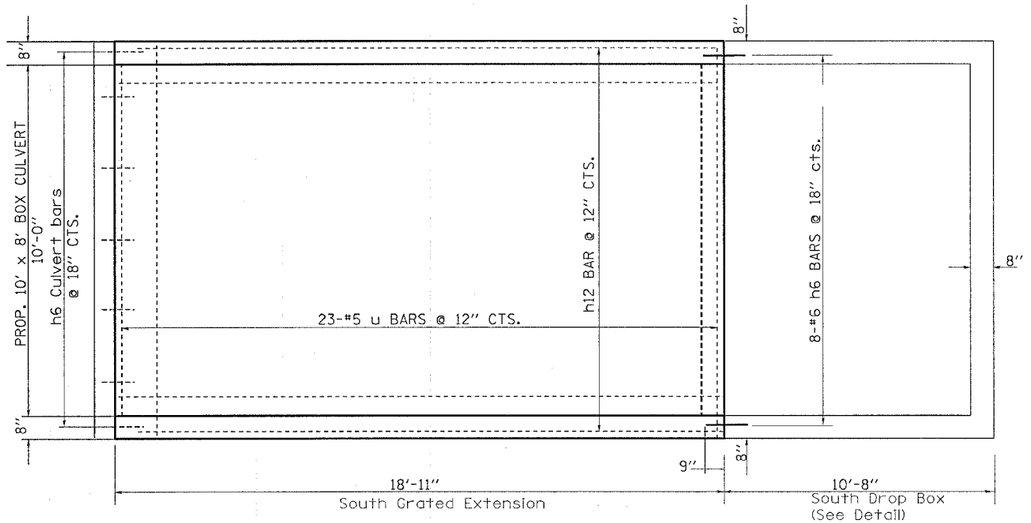
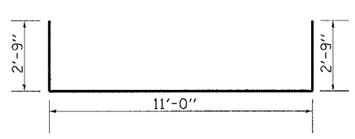
CONTRACT NO. 64178

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	116RS-1	OGLE	593	215
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

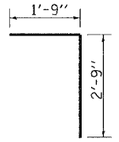
CONCRETE BOX CULVERT END SECTION

SOUTH SIDE
STA 732+53 RT

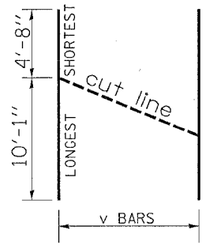




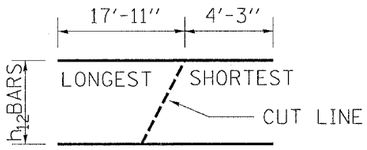
BAR "u"



BAR "d1"



BAR "v"
CUT DIAGRAM

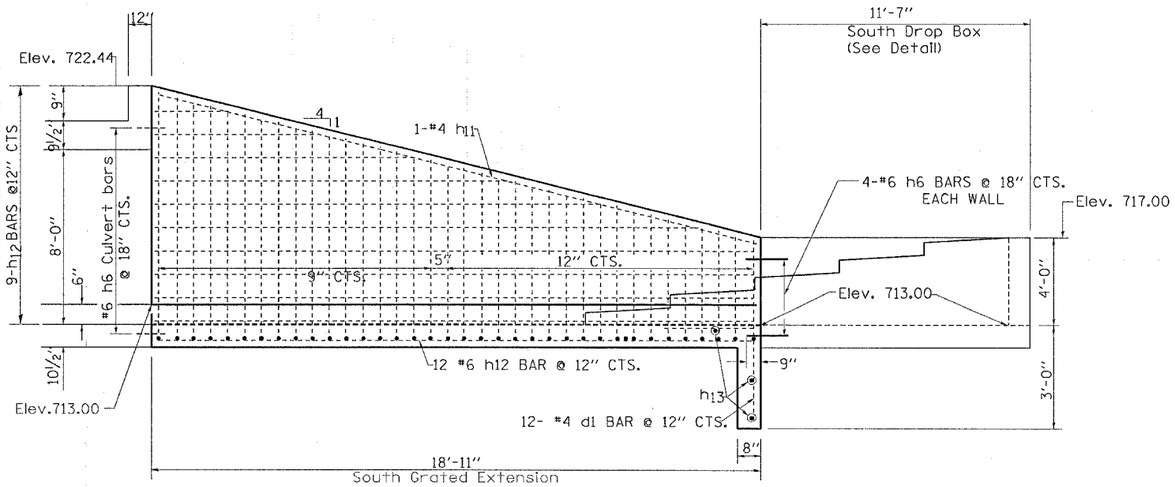


BAR "h_{12}"

BILL OF MATERIALS

For South Grated Extension Only

BAR	NUMBER	SIZE	LENGTH	QTY.
d_1	12	#4	4'-6"	36.07
h_{11}	2	#4	35'-0"	46.76
h_{12}	26	#6	18'-8"	728.97
h_{13}	3	#5	12'-11"	40.42
u	23	#5	16'-6"	395.82
v	23	#5	14'-9"	353.84
REINFORCEMENT BARS			LB	1601.88
CONCRETE BOX CULVERTS			CU YD	14.3



GENERAL NOTES:

STEEL PIPES SHALL CONFORM TO A.S.T.M. A-53 (TYPE E OR S) GRADE B, SCHEDULE 40, & SHALL BE GALVANIZED CONFORMING TO A.S.T.M. A-120.

6" OF COMPACTED CA-7 AGGREGATE SHALL BE PLACED BENEATH THE EXTENSION

THE CONTRACT UNIT PRICE "CU YD" FOR CONCRETE BOX CULVERTS SHALL INCLUDE THE EARTH EXCAVATION, BACKFILLING, COMPACTED CA-7 AGGREGATE BEDDING MATERIAL AND NECESSARY GRADING.

REINFORCEMENT BARS WILL BE PAID FOR SEPARATELY

ORDER v AND h BARS FULL LENGTH . CUT TO FIT AS SHOWN AND USE REMAINDER OF BARS IN OPPOSITE WALL.

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = Wed Feb 09 07:40:22 2005
FILE NAME = C:\projects\p208497\d08497spl.dgn
PLOT SCALE = 50.0000 ' / IN.