

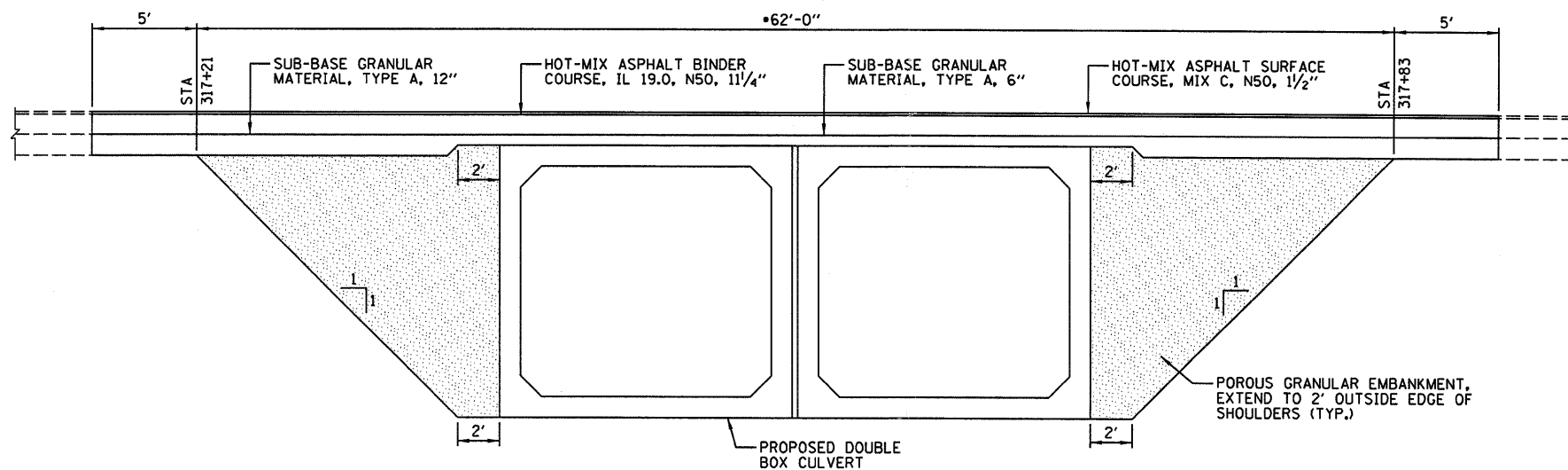
PROPOSED TYPICAL CROSS SECTION

F.A.P. 681 (IL 116)

STA. 317+16 TO STA. 317+88

	HMA BINDER	HMA LEVEL BINDER	HMA SURFACE	HMA BASE COURSE WIDENING	HMA SHOULDERS
PG GRADE	PG58-22	PG58-22	PG64-22	PG58-22	PG58-22
MAX % RAP ALLOWABLE**	25%	25%	15%	25%	50%
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	2.0% @ N50
MIXTURE COMPOSITION	IL 19.0	IL 9.5	IL 12.5 OR IL 9.5	IL 19.0	IL 19.0
FRICION AGGREGATE	-	-	MIXTURE C	-	-
DESITY CONTROL METHOD	NUCLEAR/ CORES	SATISFACTION OF THE ENGINEER	NUCLEAR/ CORES	NUCLEAR/ CORES	.

- MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE, THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/OA SPECIFICATION.
- ** IF RAP OPTION IS SELECTED, THE ASPHALT CEMENT GRADE MAY NEED TO BE ADJUSTED. THIS WILL BE DETERMINED BY THE ENGINEER.



SECTION THRU CULVERT

NOTES:

- 1.) DIMENSION TAKEN ALONG C OF ROAD.
- 2.) SEE STRUCTURE PLANS FOR BOX CULVERT DIMENSIONS.

FILE NAME =	USER NAME = carpenterdj	DESIGNED - JML	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\projects\ep03584\consult\04-05.02702	3.tpd.dgn	DRAWN - DJM	REVISED -		SCALE:	SHEET NO. 5 OF 28 SHEETS	STA.	TO STA.	681	116 BR-1	IROOOUIS	28	5
	PLOT SCALE = 2.0000' / IN.	CHECKED - MSW	REVISED -		CONTRACT NO. 66730								
	PLOT DATE = Aug 07, 2008 - 09:30:04 AM	DATE - 04/09/08	REVISED -		FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT								