

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
75	84-12; 11-3	•	729	4
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5   ILLINOIS   FED. AID PROJECT				
• SANGAMON AND CHRISTIAN				

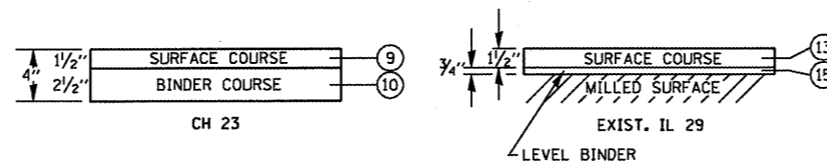
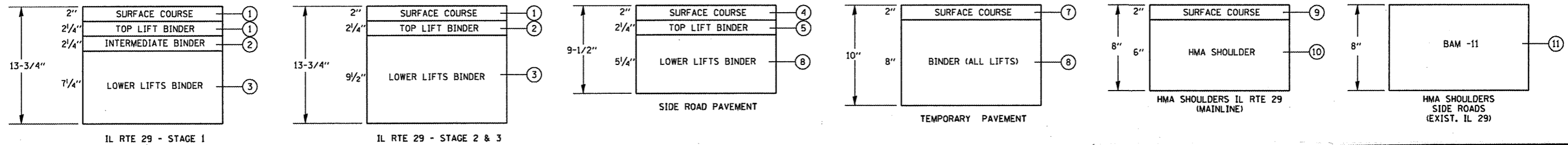
**MIXTURE REQUIREMENTS**

MIXTURE NUMBER:	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10
MIXTURE USE(S):	HMA SURFACE (IL 29)	HMA TOP LIFT BINDER (IL 29)	HMA LOWER LIFTS BINDER (IL 29)	HMA SURFACE (SIDE ROADS)	HMA TOP LIFT BINDER (SIDE ROADS)	HMA LOWER LIFTS BINDER (SIDE ROADS)	HMA SURFACE (TEMPORARY PAVEMENT)	HMA BINDER (TEMPORARY PAVEMENT)	HMA SHOULDERS TOP LIFT (IL 29)	HMA SHOULDERS LOWER LIFTS (IL 29)
AC/PG:	SBS PG 70-28	SBS PG 70-28	PG 64-22	SBS-PG 64-28	SBS-PG 64-28	PG 64-22	SBS PG 70-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N70	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N70	4.0% @ N70	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE):	IL-19.5 OR IL-12.5	IL-19.0	IL-19.0	IL-9.5 OR IL-12.5	IL-19.0	IL-19.0	IL-9.5 OR IL-12.5	IL-19.0	IL-9.5 OR IL-12.5	IL-19.0
FRICITION AGGREGATE:	MIX D	N/A	N/A	MIX "C"	N/A	N/A	MIX "D"	N/A	MIX "C"	N/A

MIXTURE NUMBER:	No. 11	No. 12	No. 13	No. 14	No. 15
MIXTURE USE(S):	HMA SHOULDERS (SIDE ROADS)	PATCHING	SURFACE (IL 29 RESURFACING)	SURFACE (SIDE ROADS)	LEVEL BINDER (EXIST. IL 29)
AC/PG:	PG 58-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	2.0% @ N30	4.0% @ N70	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE):	BAM	IL 19.0	IL 9.5 OR IL 12.5	IL-9.5 OR IL-12.5	IL-9.5
FRICITION AGGREGATE:	N/A	N/A	MIX "C"	MIX "C"	N/A

\*\* DESIGN THIS MIXTURE @ 4.0% AIR VOIDS.  
ADDITIONAL AC SHALL BE ADDED TO REDUCE AIR VOIDS TO 2.5%.



**FULL DEPTH BITUMINOUS CONCRETE PAVING LIFT DIAGRAMS**

DISTRICT SIX		
EXAMINED	11/13	20 12
<i>William R. Borer</i>		
OPERATIONS ENGINEER		
EXAMINED	FEB 29	20 12
<i>Jimmy L. ...</i>		
PROJECT IMPLEMENTATION ENGINEER		
EXAMINED	MARCH 28	20 12
<i>John C. ...</i>		
PROGRAM DEVELOPMENT ENGINEER		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**PAVEMENT MIXTURE REQUIREMENTS**  
SCALE: N/A  
DATE: 03/06/2012  
DRAWN BY: R.A.H.  
CHECKED BY: J.M.M.

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