

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				

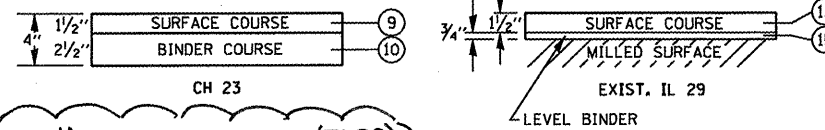
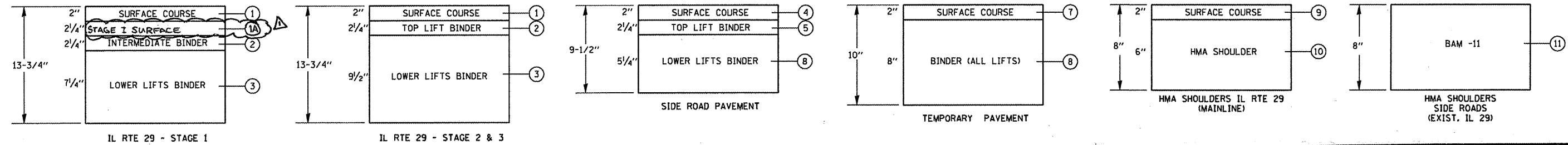
**MIXTURE REQUIREMENTS**

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 64-22	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-9.5 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
FRICION AGGREGATE:	MIX D	N/A	N/A	MIX "C"	N/A	N/A	MIX "C"	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
FRICION 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%.



NO. 1A STAGE I SURFACE (IL 29)  
SBS PG 70.28  
4.0% @ N70  
IL 9.5 OR IL 12.5  
MIX C

**FULL DEPTH BITUMINOUS CONCRETE PAVING LIFT DIAGRAMS**

NOTE: MIXTURE 1A WILL BE CONSIDERED WITH THE SURFACE COURSE MIXTURE NO. 1 FOR PFP-PWL CALCULATION

DISTRICT SIX	
EXAMINED <u>1/13</u>	20 <u>12</u>
<i>William R. B...</i> OPERATIONS ENGINEER	
EXAMINED <u>FEB 29</u>	20 <u>12</u>
<i>Jimmy L...</i> PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <u>MARCH 28</u>	20 <u>12</u>
<i>John C. W...</i> PROGRAM DEVELOPMENT ENGINEER	

REVISIONS	
NAME	DATE
NA	6/12

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

Default: L:\DOT\03066601\dr\ow\sheets\0672829-sht1-MixReq.dgn  
3/16/2012