

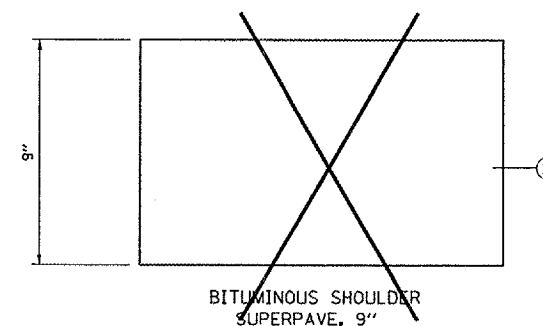
FAI ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	559	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
084-9-41A, HKB, BY, BY-1 * 02-00382-02-PV				

MIXTURE REQUIREMENTS

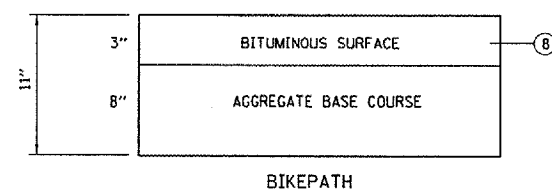
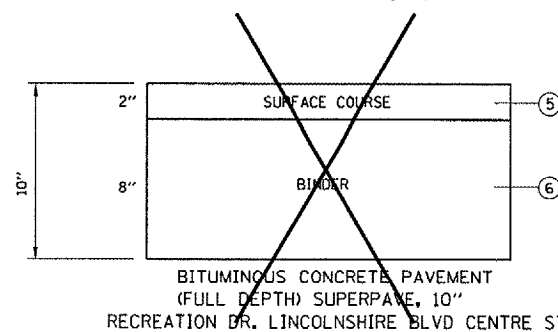
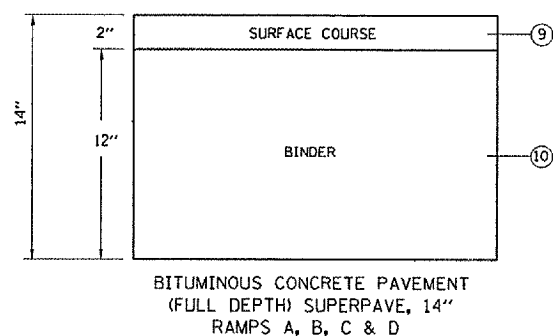
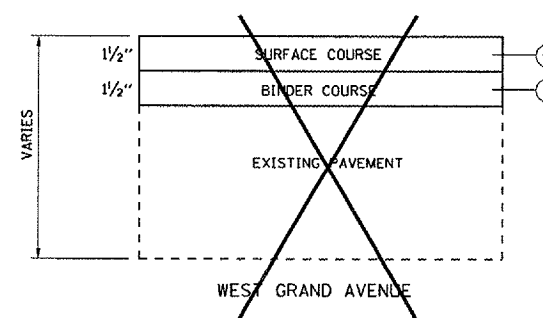
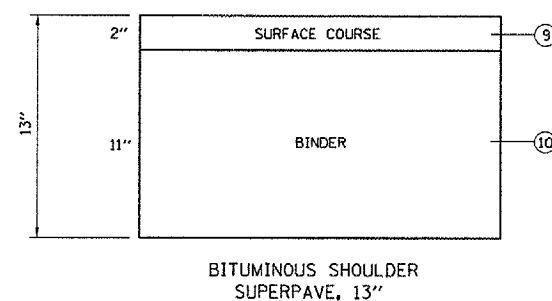
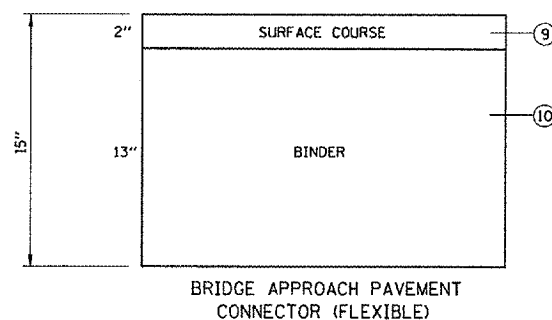
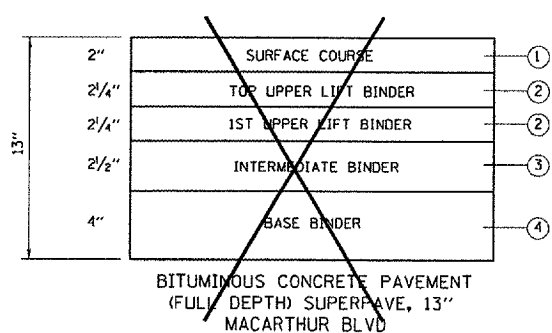
MIXTURE NUMBER:	NO. 1	NO. 2	NO. 3	NO. 4 *	NO. 5	NO. 6
LOCATION	I-72	I-72	I-72	I-72	SIDE STREETS	SIDE STREETS
MIXTURE USE (S):	TOP LIFT FULL-DEPTH PAVEMENT	TOP TWO UPPER LIFTS BINDER FULL-DEPTH PAVEMENT	INTERMEDIATE BINDER LIFT FULL-DEPTH PAVEMENT	BASE BINDER LIFT FULL-DEPTH PAVEMENT	SURFACE	BINDER
AC/PG:	SBS PG 70-28	SBS 64-28	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX):	10%	10%	15%	15%	15%	15%
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 70	4.0% @ N DESIGN = 70	2.5% @ N DESIGN = 70	4.0% @ N DESIGN = 50	4.0% @ N DESIGN = 50
MIXTUR COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 19.0	IL 19.0	IL 19.0	IL 9.5 OR 12.5	IL 19
FRICTION AGGREGATE	MIX "D"	N/A	N/A	N/A	MIX "C"	N/A

MIXTURE NUMBER:	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11
LOCATION	WEST GRAND AVE	BIKE PATH	I-72	I-72	MACARTHUR BLVD RAMP
MIXTURE USE (S):	LEVELING BINDER	SURFACE (LOW ESAL)	SURFACE	BINDER	** BITUMINOUS SHOULDERS
AC/PG:	PG 64-22	PG 58-22	SBS PG 70-22	PG 64-22	PG 58-22
RAP % (MAX):	75%	30%	10%	10%	10%
DESIGN AIR VOIDS:	4.0% @ N DESIGN = 50	3.0% @ N DESIGN = 30	4.0% @ N DESIGN = 90	4.0% @ N DESIGN = 90	2.0% @ N DESIGN = 30
MIXTUR COMPOSITION (GRADATION MIXTURE)	IL 9.5 OR 12.5	IL 9.5	IL 9.5 OR 12.5	IL 19.0	BAM
FRICTION AGGREGATE	N/A	MIX "C"	MIX "D"	N/A	N/A

* DESIGN THIS MIXTURE AT 4.0% AIR VOIDS. ADDITIONAL AC SHALL BE ADDED TO REDUCE AIR VOIDS TO 2.5%.
 ** USE IL 9.5 LOW ESAL FOR TOP 2" OF SHOULDER (SEE SPECIAL PROVISIONS)



BITUMINOUS CONCRETE PAVING LIFT DIAGRAMS



REVISIONS	
NAME	DATE
PAY ITEM UPDATE	2/23/07

ILLINOIS DEPARTMENT OF TRANSPORTATION
 MIXTURE REQUIREMENTS
 FAI-72, MACARTHUR BLVD
 SEC NO. 02-00382-02-PV
 SEC NO. (84-9-4)A, HKB, BY, BY-1
 SANGAMON COUNTY, ILLINOIS

SCALE: VERT. DATE 2/23/2007

DRAWN BY CLG CHECKED BY JAD

REV. SHEET 2-09-07