

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(SCS,13C,108,109)R	KENDALL	931	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

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IDOT STANDARDS

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 280001-05 TEMPORARY EROSION CONTROL SYSTEMS
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 886006-01 TYPICAL LAYOUT FOR DETECTION LOOPS

MIXTURE REQUIREMENTS

IL 47 (SOUTH END) & SIDEROADS	HMA BINDER (BASE COURSE)	HMA LEVEL BINDER	HMA SURFACE
PG GRADE **	PG64-22	SBS PG70-22	SBS PG70-22
DESIGN AIR VOIDS	4.0% @ N70	4.0% @ N50	4.0% @ N90
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0	IL 4.75	IL 9.5
FRICTION AGGREGATE	---	---	MIXTURE D
DENSITY TEST METHOD	CORES*	CORES/ CORRELATION	CORES/ CORRELATION
IL 47 (NORTH END) & US 34			
PG GRADE **	SBS PG70-22	SBS PG70-22	SBS PG70-22
DESIGN AIR VOIDS	4.0% @ N90	4.0% @ N50	4.0% @ N90
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0	IL 4.75	IL 19.0
FRICTION AGGREGATE	---	---	MIXTURE E
DENSITY TEST METHOD	CORES*	CORES/ CORRELATION	CORES/ CORRELATION
	MULTI-USE PATH SURFACE	HMA SHOULDERS	TEMPORARY PAVEMENT
PG GRADE	PG58-22	PG64-22	SBS PG70-22
DESIGN AIR VOIDS	2.0% @ N30	4.0% @ N50	4.0% @ N90
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 19.0	IL 19.0	IL 19.0
FRICTION AGGREGATE	MIXTURE C	---	---
DENSITY TEST METHOD	CORES/ CORRELATION	CORES*	CORES/ CORRELATION

* 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%. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

APPLICATION RATES

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.43 M TONS / CU M
BITUMINOUS MAT PRIME COAT	0.35 LITERS / SQ M OR 1.7 LITERS / SQ M
AGGREGATE PRIME COAT	0.002 M TONS / SQ M
HMA RESURFACING	59.8 Kg / SQ M / 25 mm
SHORT TERM PAVEMENT MARKING MIX FOR CRACKS, JTS & FLGWYS	10 M / 100 M OF APPLICATION
LEVEL BINDER (HAND METHOD)	0.0003 M TONS / SQ M
SUPPLEMENTAL WATERING	0.0005 M TONS / SQ M
CALCIUM CHLORIDE	15 LITERS / SQ M / APPLICATION
TEMPORARY DITCH CHECKS	1 Kg / SQ M / APPLICATION
	5 M TONS AGGREGATE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INDEX OF SHEETS,
 HIGHWAY STANDARDS,
 AND
 APPLICATION RATES
 DRAWN BY
 CHECKED BY
 DATE

FILE: \$FILE\$
 PLOTTED: 9/2/2011

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