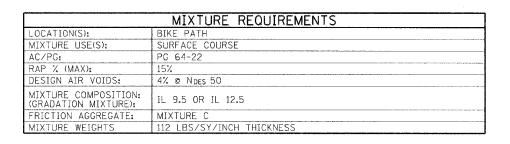


CONTRACT NO: 83763



MIXTURE REQUIREMENTS	
LOCATION(S):	BIKE PATH
MIXTURE USE(S):	BINDER COURSE
AC/PG:	PG 64-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4% @ NDES 50
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 19.0
FRICTION AGGREGATE:	-
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS

MIXTURE REQUIREMENTS		
LOCATION(S):	C.H. 14 (MILLBURN ROAD) MAINLINE	
MIXTURE USE(S):	BITUMINOUS SHOULDERS (TOP LIFT)	
AC/PG:	PG 64-22	
RAP % (MAX):	10%	
DESIGN AIR VOIDS:	4% @ Noes 70	
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 9.5 OR IL 12.5	
FRICTION AGGREGATE:	MIXTURE D	
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS	

MIXTURE REQUIREMENTS	
LOCATION(S):	C.H. 14 (MILLBURN ROAD) MAINLINE
MIXTURE USE(S):	BITUMINOUS SHOULDERS (BOTTOM LIFT)
AC/PG:	PG 58-22
RAP % (MAX):	25%
DESIGN AIR VOIDS:	4% @ Ndes 50
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 19.0
FRICTION AGGREGATE:	an .
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	DRIVEWAYS
MIXTURE USE(S):	INCIDENTAL BITUMINOUS SURFACING
AC/PG:	PG 64-22
RAP % (MAX):	15%
DESIGN AIR VOIDS:	4% @ NDES 50
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE C
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS

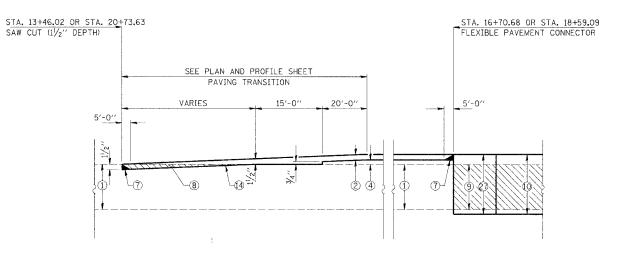
HER

80I S. Durkin Drīve Springfield, lifinois 62704 217-546-3400 Account Number 12-07-0043-i Date: 06/28/04 P.0. 80X 1036 Duduoin, lilinois 62832 618-790-4637 DESIGNED: S.W.M. | CHECKED: S.W.M. | DRAWN: D.T.M.

Civil & Structural Engineer

ROADWAY DETAILS
SECTION 99-00076-11-BR

SECTION 99-00076-11-BR C.H. 14 / MILLBURN ROAD LAKE COUNTY



PAVEMENT TRANSITION DETAIL

LEGEND

- 1 EXISTING BITUMINOUS SURFACE ON AGGREGATE BASE
- (2) BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D, N70 (1 $\frac{1}{2}$ " MINIMUM THICKNESS)
- $\ensuremath{ \begin{tabular}{lll} \begin{tabular}$
- (4) LEVELING BINDER, MACHINE METHOD, SUPERPAVE N70 (THICKNESS VARIES AS REQUIRED)
- (5) BITUMINOUS BASE COURSE, SUPERPAVE 10.5"
- 6 STRIP REFLECTIVE CRACK CONTROL TREATMENT
- 7 TEMPORARY RAMP AT 1:40 (SEE ARTICLE 406.18)
- 8 BITUMINOUS SURFACE REMOVAL BUTT JOINT
- 9 PAVEMENT REMOVAL
- 10 BRIDGE APPROACH PAVEMENT (STANDARD 420401)
- (11) STEEL PLATE BEAM GUARD RAIL, SEE SCHEDULE OF QUANTITIES FOR LOCATIONS
- 12) SUB-BASE GRANULAR MATERIAL, TY B, 4"
- (3) FURNISHING AND PLACING TOPSOIL, 4"
- (4) BITUMINOUS MATERIALS (PRIME COAT)
- (15) AGGREGATE BASE COURSE TY. A (SPECIAL) 6"
- 16 BITUMINOUS BASE COURSE, SUPERPAVE 4.5"
- 17 SUB-BASE GRANULAR MATERIAL, TY A, 4"
- (18) AGGREGATE SHOULDER TY. A (SPECIAL) 4"
- ② TEMPORARY CONCRETE BARRIER
- 21) PROPOSED GUARD RAIL
- (2) REMOVE STEEL PLATE BEAM GUARD RAIL
- 8 BITUMINOUS BASE COURSE SUPERPAVE 6"
- BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX C, N50 (2" MINIMUM THICKNESS)
- 26 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 7"
- ② FLEXIBLE PAVEMENT CONNECTOR

MIXTURE REQUIREMENTS	
LOCATION(S):	C.H. 14 (MILLBURN ROAD) MAINLINE
MIXTURE USE(S);	SURFACE COURSE
AC/PG:	PG 64-22
RAP % (MAX):	10%
DESIGN AIR VOIDS:	4% @ Npes 70
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE D
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS

MIXTURE REQUIREMENTS	
LOCATION(S):	C.H. 14 (MILLBURN ROAD) MAINLINE
MIXTURE USE(S):	LEVELING BINDER (MACHINE METHOD)
AC/PG:	PG 64-22
RAP % (MAX):	10%
DESIGN AIR VOIDS:	4% @ N _{DES} 70
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 9.5 OR IL 12.5
FRICTION AGGREGATE:	MIXTURE D
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS

MIXTURE REQUIREMENTS		
LOCATION(S):	C.H. 14 (MILLBURN ROAD) MAINLINE	
MIXTURE USE(S):	BASE COURSE	
AC/PG:	PG 58-22	
RAP % (MAX):	25%	
DESIGN AIR VOIDS:	4% @ Noes 50	
MIXTURE COMPOSITION: (GRADATION MIXTURE):	IL 19.0	
FRICTION AGGREGATE:	-	
MIXTURE WEIGHTS	112 LBS/SY/INCH THICKNESS	