

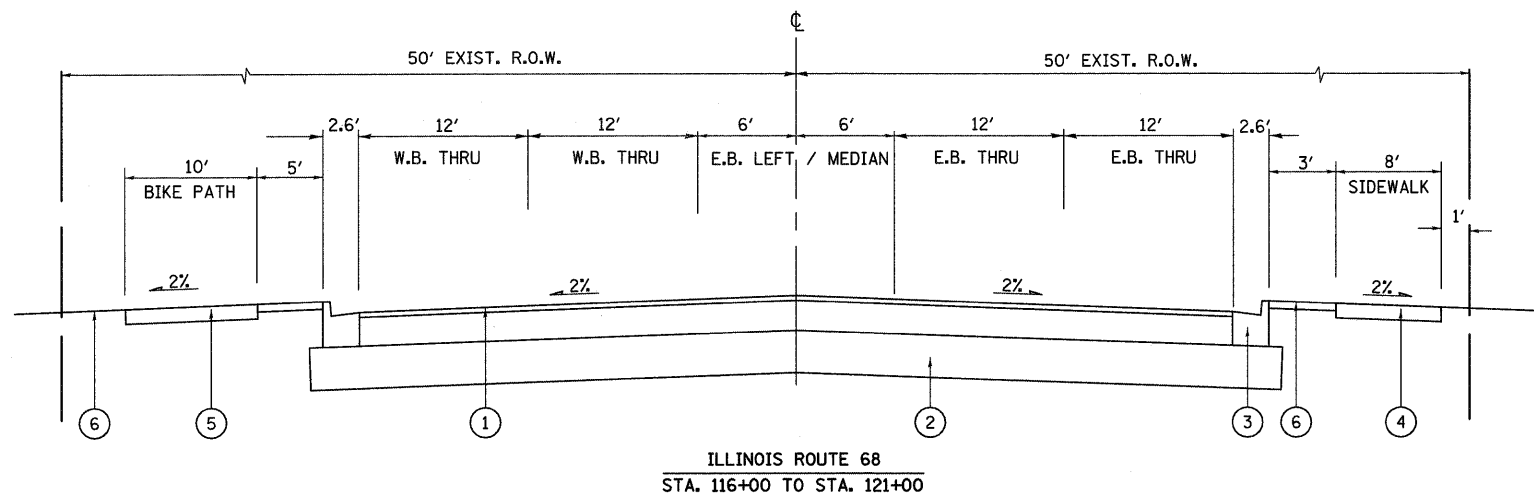
- ① PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX F, N90, IL 9.5, 2"
- ② PROPOSED POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10 1/4" (IN 3 LIFTS)
- ③ PROPOSED AGGREGATE SUBGRADE, 12"
- ④ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑤ PROPOSED HMA BIKE PATH INCLUDING:
PROPOSED HMA SURFACE COURSE, MIX "C", N50, 2 1/2"
PROPOSED AGGREGATE SUBGRADE, 6"
- ⑥ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCHES
- ⑦ PROPOSED TOPSOIL FURNISH AND PLACE, 4"
- ⑧ PROPOSED POROUS GRANULAR EMBANKMENT, SUBGRADE 6"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
NOTE: CONTRACTOR SHALL MILL BEFORE PATCHING	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING/WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	4% @ 90 GYR
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 GYR
TEMPORARY PAVEMENT (HMA BINDER IL-19mm)	4% @ 50 GYR
INCIDENTAL HMA SURFACING (HMA SURFACE COURSE (IL-9.5mm))	4% @ 50 GYR
HMA PAVEMENT (FULL DEPTH)	
2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5mm)	4% @ 90 GYR
10 1/4" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	4% @ 90 GYR
COMMERCIAL ENTRANCES AND BIKE PATH	
2" (PARKING LOT & DR) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	4% @ 50 GYR
2 1/2" (BIKE PATH) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	4% @ 50 GYR
8" HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19mm)	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 70-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS

FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS

STRUCTURAL PAVEMENT DESIGN INFORMATION	
STRUCTURAL DESIGN TRAFFIC:	YEAR 2020
PV = 33,600 SU = 700	MU = 700
ROAD/STREE CLASSIFICATION:	CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 32 S = 45 M = 45	
TRAFFIC FACTOR:	
ACTUAL TF = 3.12 AC TYPE = 20 MINIMUM TF = 3.12	
PG GRADE:	
BINDER = 64-22/58-22 SURFACE = 64-22	
SUBGRADE SUPPORTING RATING:	
SSR = POOR (STA. 113+57 TO 123+00)	



- ① PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 12 1/4" INCLUDING:
PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX F, N90, IL 9.5, 2"
PROPOSED POLYMERIZED HMA BINDER COURSE, IL-19.0, N90, 10 1/4" (IN 3 LIFTS)
- ② PROPOSED AGGREGATE SUBGRADE, 12"
- ③ PROPOSED COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ④ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK 5 INCHES
- ⑤ PROPOSED HMA BIKE PATH INCLUDING:
PROPOSED HMA SURFACE COURSE, MIX "C", N50, 2 1/2"
PROPOSED AGGREGATE SUBGRADE, 6"
- ⑥ PROPOSED TOPSOIL FURNISH AND PLACE, 4"

