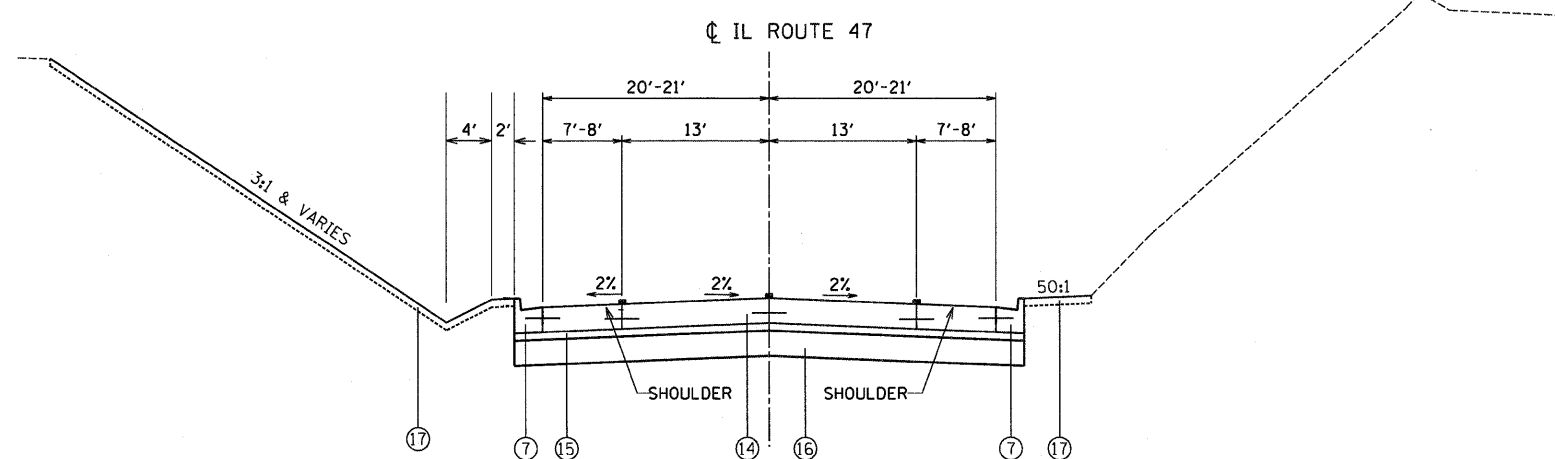


PROPOSED TYPICAL SECTION IL ROUTE 47

STA. 113+00 TO STA. 120+05

RIGHT LANE TAPER
STORAGE ENDS AT STA. 116+50
TAPER ENDS AT STA. 118+80



PROPOSED TYPICAL SECTION IL ROUTE 47

STA. 120+05 TO STA. 123+15

PROPOSED IMPROVEMENTS:

- ① HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- ② PAVED SHOULDER REMOVAL
- ③A LEVELING BINDER (MACHINE METHOD), N70, 3/4"-2 1/4"
- ③B HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, > 2 1/4" MIN.
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑤ P.C.C. BASE COURSE, 9 1/2"
- ⑥ SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑦ COMBINATION CURB & GUTTER, TYPE B-6.24
- ⑧ HOT-MIX ASPHALT SHOULDERS, 8"
- ⑨ AGGREGATE SHOULDERS, TYPE B 8"
- ⑩ STRIP REFLECTIVE CRACK CONTROL TREATMENT

- ⑪ EPOXY COATED, DEFORMED NO. 6 TIE BAR, 30" LONG @ 30" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR JOINTED PCC PAVEMENT)
- ⑫ EPOXY COATED, DEFORMED NO. 6 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR COMB CONC CURB & GUTTER OR JOINTED PCC PAVEMENT)
- ⑬ EPOXY COATED, DEFORMED NO. 8 TIE BAR, 24" LONG @ 24" C.-C. (COST IS INCLUDED IN THE PAY ITEM FOR PCC PAVEMENT WIDENING)
- ⑭ JOINTED PCC PAVEMENT, 9 1/2"
- ⑮ STABILIZED SUBBASE - HMA, 4 1/2"
- ⑯ AGGREGATE SUBGRADE, 12"
- ⑰ TOPSOIL, FURNISH AND PLACE, 4", FERTILIZER NUTRIENTS, SEEDING OR SODDING
- ⑱ PCC SIDEWALK, 5"
- ⑲ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- ⑳ TEMPORARY SOIL RETENTION SYSTEM
- PAVEMENT MARKING

EXISTING CONDITIONS:

- Ⓐ SUB-BASE GRANULAR MATERIAL 4"
- Ⓑ PCC CONCRETE BASE COURSE 9"
- Ⓒ HMA OVERLAY 4"-9"
- Ⓓ HMA OVERLAY 11"-14"
- Ⓔ PCC PAVEMENT 9-7-9
- Ⓕ HMA BASE COURSE WIDENING 9"
- Ⓖ HMA SHOULDERS 8"
- Ⓗ COMBINATION CURB & GUTTER B-6.24
- ▨ ITEM TO BE REMOVED

THE CONTRACTOR SHALL MILL BEFORE PATCHING

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
ROADWAY, RESURFACING AND WIDENING	
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL 9.5mm) 1 3/4"	4% @ 90 GYR
LEVELING BINDER (MACHINE METHOD), N70, 3/4" - 2 1/4"	4% @ 70 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 2 1/4" MIN.	4% @ 70 GYR
STABILIZED SUBBASE HOT-MIX ASPHALT (IL-19mm), 4 1/2"	3% @ 50 GYR
DRIVEWAYS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL 9.5mm) 2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL 19 mm) 6" AND 8"	4% @ 50 GYR
SHOULDER	
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL 19 mm) 8"	2% @ 30 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL 19mm) 14"	4% @ 70 GYR
TEMPORARY PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5mm), 1 1/2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER, (IL-19mm), 8 1/2"	4% @ 50 GYR

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE A IS 112 LBS/SQ YD/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.