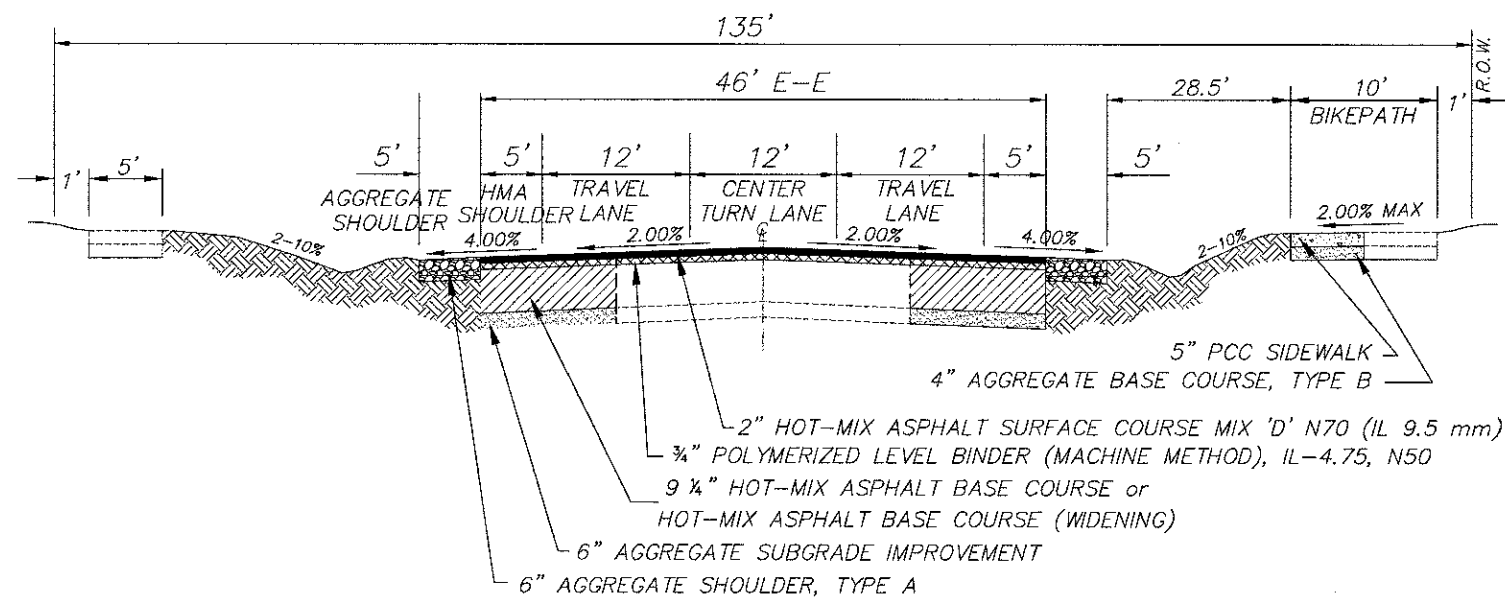


EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

PALATINE PROPOSED TYPICAL ROADWAY & BIKE PATH SECTION

BEGIN IMPROVEMENTS STA 6+50 END IMPROVEMENTS STA 62+43

NOTE: HOT-MIX ASPHALT BASE COURSE (WIDENING) SHALL BE USED WHEN WIDENING IS LESS THAN 6 FEET

HOT-MIX ASPHALT MIXTURE REQUIREMENT	
MIXTURE TYPE	AIR VOIDS @ Ndes
PAVEMENT RESURFACING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 GYR
POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50; 0.75"	3.5% @ 50 GYR
PAVEMENT WIDENING	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 GYR
POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50; 0.75"	3.5% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (BINDER IL-19 mm); 9.25" (3 LIFTS) OR HOT-MIX ASPHALT BASE COURSE WIDENING (BINDER IL-19 mm); 9.25" (3 LIFTS)	4% @ 70 GYR
HOT-MIX ASPHALT SHOULDER	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 GYR
POLYMERIZED LEVEL BINDER (MACHINE METHOD), IL-4.75, N50; 0.75"	3.5% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE (BINDER IL-19 mm); 9.25" (3 LIFTS) OR HOT-MIX ASPHALT BASE COURSE WIDENING (BINDER IL-19 mm); 9.25" (3 LIFTS)	4% @ 70 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm) 12 INCH (4 LIFTS)	4% @ 70 GYR

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON POLYMERIZED HMA SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS. CONTRACTOR TO MILL FIRST BEFORE PATCHING

BENCHMARK TABLE		
BENCHMARK NO.	DESCRIPTION	ELEVATION
BM 6N	NORTHWEST UPPER FLANGE BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF PALATINE ROAD AND OLMSTEAD DRIVE	864.38
BM 7N	NORTHWEST UPPER FLANGE BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF PALATINE ROAD AND BURNHAM DRIVE	864.05