



PROPOSED LEGEND

- 1 TOPSOIL PLACEMENT, 4"
- 2 TOPSOIL FURNISH AND PLACE, 12"
- 3 TOPSOIL FURNISH AND PLACE, 30"
- 4 SEEDING, CLASS 2A
- 5 SEEDING, CLASS 4
- 6 SODDING, SALT TOLERANT
- 7 STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- 8 PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)
- 9 PORTLAND CEMENT CONCRETE SIDEWALK 5"
- 10 HOT-MIX ASPHALT SHOULDERS, 6"
- 11 COMB. CONC. CURB & GUTTER, TYPE B-6.12
- 12 COMB. CONC. CURB & GUTTER, TYPE B-6.18
- 13 COMB. CONC. CURB & GUTTER, TYPE B-6.24
- 14 CONCRETE MEDIAN SURFACE, 6"
- 15 CONCRETE MEDIAN, TYPE SB-6.12
- 16 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- 17 NOISE ABATEMENT WALL, GROUND MOUNTED
- 18 CONCRETE MEDIAN, TYPE SB-6.12 (SPECIAL)
- 19 AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 20 TIE BARS
- 21 BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- 22 AGGREGATE SHOULDERS, TYPE B 10"
- 23 PORTLAND CEMENT CONCRETE SHOULDERS 9 1/2"
- 24 HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 9 1/2" (JOINTED)

IDOT DISTRICT ONE

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ NDES
STABILIZED SUBBASE	
STABILIZED SUBBASE-HOT-MIX ASPHALT, N50, (IL-19MM), 4 1/2"	3% @ 50 GYR
SHOULDER RECONSTRUCTION	
HOT-MIX ASPHALT SHOULDER, 6" (HMA BINDER IL-19MM)	4% @ 50 GYR
DRIVEWAYS AND FIELD ENTRANCE APRONS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, (IL-9.5MM); 2"	4% @ 50 GYR
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19MM), 6" (FE AND PE) AND 8" (CE)	4% @ 50 GYR
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19.0MM)	4% @ 70 GYR
TEMPORARY PAVEMENT, 10 1/4"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5MM); 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19MM, 8.25"	4% @ 50 GYR
TEMPORARY RAMPS	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5MM)/ VARIABLE DEPTH	4% @ 50 GYR

STRUCTURAL DESIGN TRAFFIC: 35,214 YEAR: 2030
 PV = 33,524 SU = 810 MU = 880
 ROAD/STREET CLASSIFICATION: CLASS I
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P = 95.2% S = 2.3% M = 2.5%
 TRAFFIC FACTOR: ACTUAL TF = 9.9 AC TYPE = N/A
 MINIMUM TF = 9.04
 PG GRADE: N/A BINDER = N/A SURFACE = N/A
 SUBGRADE SUPPORT RATING:
 SSR = POOR

NOTES:
 THE UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT MIXTURES IS 112 LBS/SO YD/IN
 NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT 1 SPECIAL PROVISIONS FOR "PERCENT OF RAP" SEE DISTRICT 1 SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.
 CONTRACTOR SHALL MILL BEFORE PATCHING.
 IF THE CONTRACTOR CHOOSES TO USE PC TEMPORARY PAVEMENT, THE THICKNESS WILL BE PORTLAND CEMENT CONCRETE PAVEMENT 8-1/4" (JOINTED).
 PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, 8-1/4" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.

FILE NAME: S:\JUL\6382-6394\6346\623\Wdr\ex\CA00 Sheet 0188132.dwg