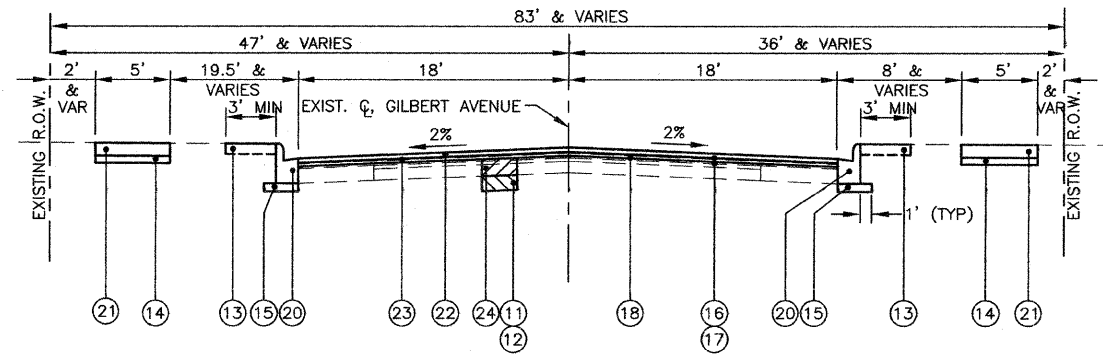


EXISTING TYPICAL SECTION - GILBERT AVENUE
STA. 97+15 TO STA. 137+40



PROPOSED TYPICAL SECTION - GILBERT AVENUE
STA. 97+15 TO STA. 137+40

- LEGEND**
- 1) EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" & VARIES
 - 2) EXISTING HOT-MIX ASPHALT BINDER COURSE, 1 1/2" & VARIES
 - 3) EXISTING HOT-MIX ASPHALT BINDER COURSE, 2 1/2" & VARIES
 - 4) EXISTING HOT-MIX ASPHALT PAVEMENT, 3" & VARIES
 - 5) EXISTING HOT-MIX ASPHALT BASE COURSE, 11" & VARIES
 - 6) EXISTING P.C.C. BASE COURSE, 8" & VARIES
 - 7) EXISTING P.C.C. BASE COURSE, 9" & VARIES
 - 8) EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.12
 - 9) EXISTING CONCRETE CURB AND GUTTER, TYPE B-6.24
 - 10) EXISTING P.C.C. SIDEWALK
 - 11) POROUS GRANULAR EMBANKMENT, SUBGRADE (AT LOCATIONS DESIGNATED BY THE ENGINEER)
 - 12) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (AT LOCATIONS DESIGNATED BY THE ENGINEER)
 - 13) SODDING (INCLUDES 4" PULVERIZED TOP SOIL AND FERTILIZER) (AT LOCATIONS DESIGNATED BY THE ENGINEER)
 - 14) SUB-BASE GRANULAR MATERIAL, TYPE B 2" (COST INCLUDED IN SIDEWALK REMOVAL AND REPLACEMENT)
 - 15) SUB-BASE GRANULAR MATERIAL, TYPE B 4" (COST INCLUDED IN CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT)
 - 16) AGGREGATE (PRIME COAT)
 - 17) BITUMINOUS MATERIALS (PRIME COAT)
 - 18) MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS
 - 19) HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"
 - 20) COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (THICKNESS OF GUTTER FLAG SHALL BE 10" EXCEPT WHERE ADJACENT TO PCC PAVEMENT. WHEN ADJACENT TO P.C.C. PAVEMENT, BOTTOM OF GUTTER SHALL BE AT THE SAME GRADE AS THE BOTTOM OF THE P.C.C. PAVEMENT)
 - 21) SIDEWALK REMOVAL AND REPLACEMENT
 - 22) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - 23) LEVELING BINDER (MACHINE METHOD), N50, 1 1/4"
 - 24) CLASS D PATCHES, 9" (AT LOCATIONS DESIGNATED BY THE ENGINEER)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AC TYPE	VOIDS
PAVEMENT RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70, 2" (IL-9.5mm)	PG 64-22	4% @ 70 Gyr.
LEVEL BINDER (MACHINE METHOD), N70, (IL-9.5mm)	PG 64-22*	4% @ 70 Gyr.
PATCHING		
CLASS D PATCHES, 9" (HMA BINDER IL-19mm)	PG 64-22*	4% @ 70 Gyr.
DRIVEWAYS		
HOT-MIX ASPHALT BASE COURSE, 8"	PG 64-22*	4% @ 50 Gyr.
HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50, 2" (IL-9.5mm)	PG 64-22	4% @ 50 Gyr.

- NOTE: 1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA QUANTITIES IS 112 LB/SY/IN
2)*-WHEN RAP EXCEEDS 20% THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22
3) THE MILLING SHALL BE DONE PRIOR TO PATCHING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.U. ROUTE 2697
GILBERT AVENUE

TYPICAL SECTIONS

SCALE: NTS
DATE: 10/01/09

DRAWN BY: BCD
CHECKED BY: BDH



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