

• 8-6.18 C&G FROM STATION 101+04 TO STATION 170+00 AND B-6.12 C&G FROM STATION 170+00 TO STATION 188+62

EXISTING TYPICAL SECTION
STATION 101+04 TO STATION 188+62, RICKERT DRIVE

(10) SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"

NOTE I: THE EXISTING PAVEMENT HAS BEEN OVERLAYED WITH TWO MICROSURFACING APPLICATIONS THAT HAVE BUILT UP THE PAVEMENT 1/2" HIGHER THAN THE GUTTERS. A MILLING DEPTH OF 3" IS REQUIRED SO THE LEVEL BINDER AND SURFACE DEPTH OF 2 1/2" RESTORES THE SURFACE ELEVATIONS.

LEGEND

- (1) EXISTING FULL DEPTH HMA PAVEMENT, VARIES 11.5" TO 17" (CONSISTS OF HMA BINDER AND SURFACE AND 1/4" TO 1/2" HMA SAND MIX)
- 2 EXISTING SUBBASE GRAN. MAT'L
- (3) EXISTING LANDSCAPED BARRIER MEDIAN, CONCRETE BARRIER MEDIAN OR FLUSH, PAINTED MEDIAN (SEE PLANS FOR LOCATIONS OF EACH TYPE)
- (4) COMBINATION CURB & GUTTER REMOVAL (REMOVAL AND DISPOSAL OF THE MATERIAL UNDER THE PROPOSED CURB AND GUTTER LOCATION IN ORDER TO INSTALL THE PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B 4" UNDER THE PROPOSED CURB AND GUTTER SHALL BE INCLUDED IN THIS ITEM) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18 (STATION 101+04 TO 170+00) OR B-6.12 (STATION 170+00 TO 188+62 ON OUTSIDE AND ALONG MEDIAN) (AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)
- (5) SIDEWALK REMOVAL AND PCC SIDEWALK, 5" (AS SHOWN ON PLANS AND AS DIRECTED BY ENGINEER)
- 6 HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1.5 "
- (7) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1"
- (8) CLASS D PATCHES, 12", AS DIRECTED BY THE ENGINEER
- (1) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT (AS DIRECTED BY THE ENGINEER)

(9) SUB-BASE GRANULAR MATERIAL, TYPE B 4"

\*\* THESE CROSS SLOPES ARE IN TANGENT SECTIONS ONLY.
CROSS SLOPES ARE SUPERELEVATED ON CURVE FROM
STA. 103+55 TO STA. 111+02, STA. 126+92 TO STA. 138+96.
STA. 163+71 TO STA. 166+11, AND STA. 179+66 TO STA. 187+97.

PROPOSED TYPICAL SECTION
STATION 101+04 TO STATION 188+62, RICKERT DRIVE

## HOT-MIX ASPHALT MIXTURE REQUIREMENTS

THE CONTRACTOR SHALL MILL BEFORE PATCHING

MIXTURE TYPE	AIR VOIDS @ Notes
HOT-MIX ASPHALT SURFACE MIXTURE 2.5" HMA SURFACE COURSE, MIX "D", N70 (IE 9.5mm), 1.5"	4% @ 70 GYRATIONS
POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, I"	3.5% @ 50 GYRATIONS
HOT-MIX ASPHALT PATCHES 12" CLASS D PATCHES (HMA BINDER IL-19 MM), 12" (IN 3 LIFTS)	4% & 70 GYRATIONS
HOT-MIX ASPHALT DRIVEWAYS 3" HMA SURFACE COURSE, MIX "D", N50 (IL 9.5mm) 3"	4% @ 50 GYRATIONS

NOTES: 1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN, 2) THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

FILE NAME = USER NAME = LUSER. DESIGNED - CEC REVISED grahl2\0074\road\ahects\G-184 Typ Soct sht DRAWN - CEC REVISED PLOT SCALE - 50.8000 ft / IN. CHECKED - DWB REVISED PLOT DATE = 2/12/2013 DATE - 02/11/2013 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION