



* IN AREAS WHERE PROPOSED SIDEWALK IS TO BE RECONSTRUCTED ALONG THE BACK OF CURB IT SHALL BE 7'-0" IN WIDTH (SEE PLANS FOR LOCATIONS).

EXISTING LEGEND

- (A) HOT-MIX ASPHALT SURFACE COURSE, 1 1/2" & VARIES
- (B) HOT-MIX ASPHALT BINDER COURSE, 1 1/2" & VARIES
- (C) P.C. CONCRETE PAVEMENT OR BASE COURSE, 10"
- (D) P.C. CONCRETE PAVEMENT, 10 1/2"
- (E) AGGREGATE SUBGRADE, 12"
- (F) SUB-BASE GRANULAR MATERIAL (VARIES 4" TO 6")
- (G) POROUS GRANULAR EMBANKMENT SUBGRADE (THICKNESS VARIES)
- (H) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (I) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (J) P.C.C. SIDEWALK

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- (2) LEVELING BINDER (MACHINE METHOD), N70, 1"
- (3) LEVELING BINDER (MACHINE METHOD), N70, 1 1/2"
- (4) P.C. CONCRETE BASE COURSE, 11 1/4"
- (5) SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- (6) P.C. CONCRETE PAVEMENT, 10 1/2" (JOINTED)
- (7) AGGREGATE SUBGRADE, 12"
- (8) POROUS GRANULAR EMBANKMENT SUBGRADE, 12"
- (9) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (10) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (11) HOT-MIX ASPHALT SHOULDERS, 6"
- (12) P.C.C. SIDEWALK, 5"
- (13) #6 EPOXY-COATED REINF. BAR @ 24" C-C, 24" LONG, DRILLED & GROUTED (COST INCLUDED IN COMBINATION CONCRETE CURB & GUTTER)
- (14) TOPSOIL FURNISH AND PLACE, 4"
- (15) SODDING/SEEDING, (SEE LANDSCAPE PLANS)
- (16) #6 EPOXY-COATED REINF. BAR @ 24" C-C, 24" LONG, DRILLED & GROUTED (COST INCLUDED IN PCC PAVEMENT / BASE COURSE)

PAVEMENT DESIGN WORKSHEET

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR 31st STREET OVER KILBOURN & MJ&CWI R.R.

STRUCTURAL TRAFFIC: YEAR 2015
 PV= 7,788 SU= 8,654 MU= 865
 ROAD/STREET CLASSIFICATION: CLASS 1
 P= 32% S= 45% M= 45%
 TRAFFIC FACTOR: Actual TF= 16.63 AC Type= N/A
 Minimum TF= 6.03
 AC GRADE: Binder= PG 64-22 Surface= PG 64-22
 SUBGRADE SUPPORT RATING:
 SSR= 2.00 (Sta. _____ to _____)
 SSR= 2.00 (Sta. _____ to _____)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 31st STREET
TYPICAL SECTIONS
 31st STREET
 I OF III

SCALE: N.T.S. DRAWN BY CJO
 DATE APRIL 8, 2008 CHECKED BY MJJ