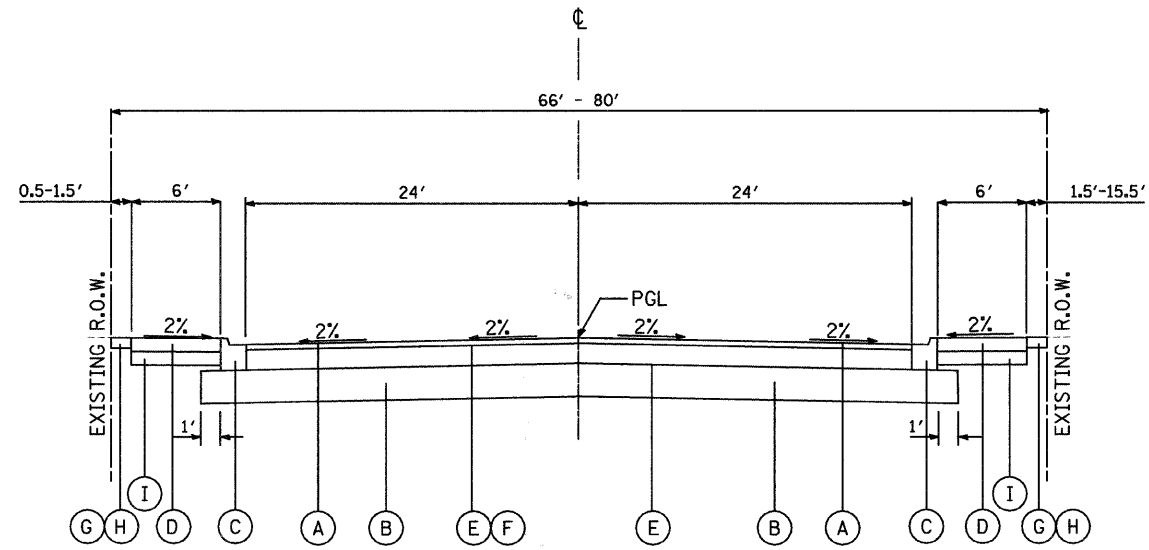
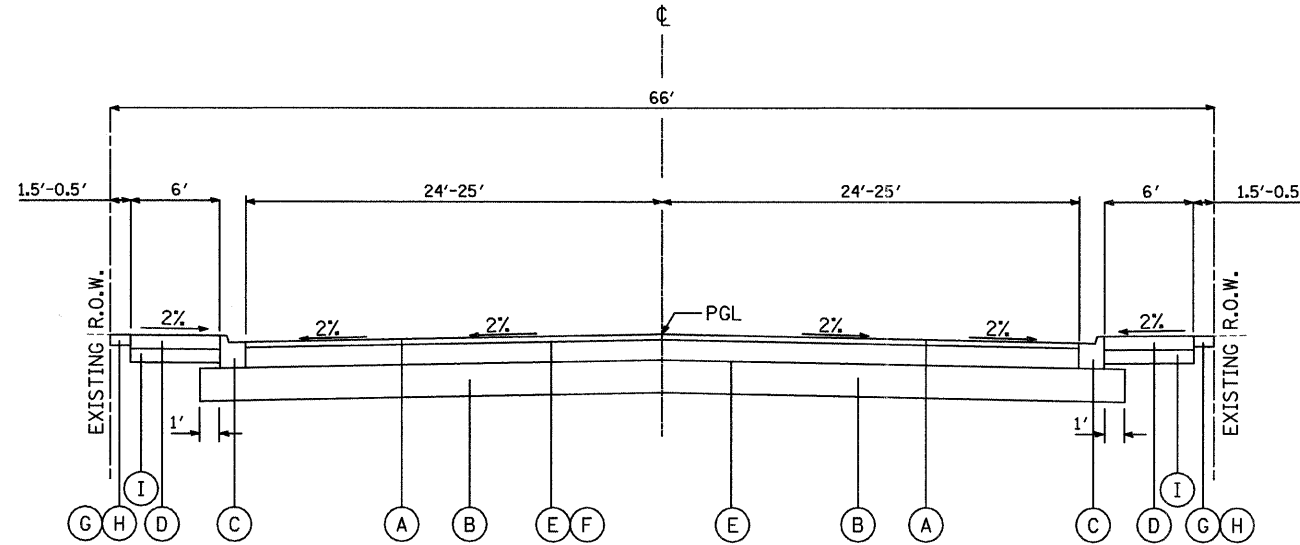


PROPOSED TYPICAL SECTION
MARTIN LUTHER KING JR. DRIVE
STA. 206+75 TO STA. 211+30.30



PROPOSED TYPICAL SECTION
MARTIN LUTHER KING JR. DRIVE
STA. 211+30.30 TO STA. 226+50.37
STA. 238+77.54 TO STA. 264+08.07*
(*OMISSION FROM STA. 247+52.51 TO STA. 247+62.74)



PROPOSED TYPICAL SECTION
MARTIN LUTHER KING JR. DRIVE
STA. 226+50.37 TO STA. 238+77.54

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

OPERATIONS	ITEM	AC TYPE	VOIDS
BIKE PATH	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% @70 GYR.
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	PG 64-22*	4% @70 GYR.
ROADWAY RECONSTRUCTION	HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 11" 2" SURFACE COURSE, MIX D, N70 (IL 9.5 mm) 9" BINDER COURSE, IL-19.0, N70	PG 64-22 PG 64-22*	4% @70 GYR. 4% @70 GYR.
	LEVELING BINDER (HAND METHOD), N70 (IL 9.5 mm)	PG 64-22*	4% @70 GYR.
	SHOULDER RECON	HOT-MIX ASPHALT SHOULDERS, 6"	PG 64-22*
PATCHING	CLASS D PATCHES, 11" (HMA BINDER IL-19 mm)	PG 64-22*	4% @70 GYR.
	TEMPORARY PAVEMENT PATCH, 6" (HMA BINDER IL-19 mm)	PG 64-22*	4% @70 GYR.

NOTE: THE UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LB/SY PER INCH THICKNESS

* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22.

- PROPOSED LEGEND**
- (A) HOT-MIX ASPHALT PAVEMENT, (FULL-DEPTH), 11" (2" SURFACE, 9" BINDER)
 - (B) AGGREGATE SUBGRADE, 12"
 - (C) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
 - (D) P.C.C. SIDEWALK, 5"
 - (E) BITUMINOUS MATERIALS (PRIME COAT)
 - (F) AGGREGATE (PRIME COAT)
 - (G) TOPSOIL FURNISH AND PLACE, 4"
 - (H) SODDING, SALT TOLERANT
 - (I) SUB-BASE GRANULAR MATERIAL, TYPE B 4"

MARTIN LUTHER KING JR. DRIVE

STRUCTURAL DESIGN FACTOR:	YEAR 2030
PV = 12.480	SU = 260 MU = 260
ROAD/STREET CLASSIFICATION:	CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:	
P = 96	S = 2 M = 2
TRAFFIC FACTOR:	ACTUAL TF = 1.74 AC TYPE = PG 64-22
	MINIMUM TF = 0.5
AC GRADE: BINDER = PG 64-22	SURFACE = PG 64-22
SUBGRADE SUPPORT RATING:	
SSR = P00R (STA. 206+75 TO STA. 267+00)	
IBR = 3.0 (STA. 206+75 TO STA. 267+00)	

REVISIONS	
NAME	DATE

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CITY OF NORTH CHICAGO
MARTIN LUTHER KING JR. DRIVE IMPROVEMENTS
MARTIN LUTHER KING JR. DRIVE
PROPOSED TYPICAL SECTIONS
STA. 208+00.00 TO STA. 253+14.00

SCALE: N.T.S.
DATE: APRIL, 2008

DRAWN BY: KMS
CHECKED BY: MJL