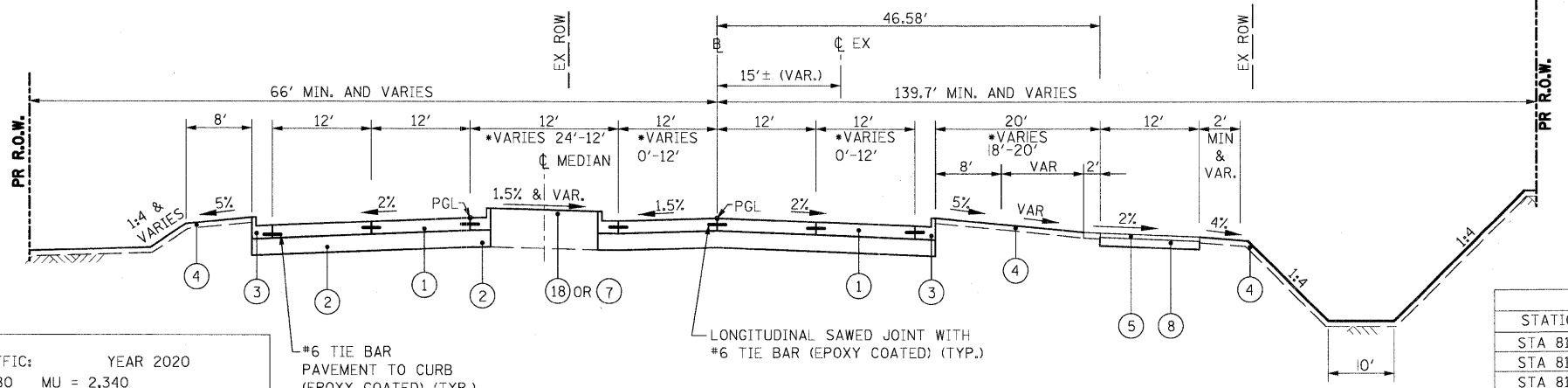


TIE BARS & DRILLING AND GROUTING ARE INCIDENTAL TO PCC PAVEMENT 10" (JOINTED)

McLEAN BLVD.

*STA. 801+00 TO STA. 802+73
STA. 802+73 TO STA. 804+18



McLEAN BLVD.

*STA. 804+18 TO STA. 806+28 (24'-12") USE (18)
STA. 806+28 TO STA. 809+00 (12' MEDIAN) USE (7)

STRUCTURAL DESIGN TRAFFIC: YEAR 2020
PV = 33,480 SU = 180 MU = 2,340
ROAD/STREET CLASSIFICATION: CLASS I
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE
P = 93 S = 0.5 M = 6.5
TRAFFIC FACTOR Actual TF = 14.93 AC Type = 20
Minimum TF = 6.03
PG GRADE: Binder = N/A Surface = N/A
SUBGRADE SUPPORT RATING:
SSR = POOR

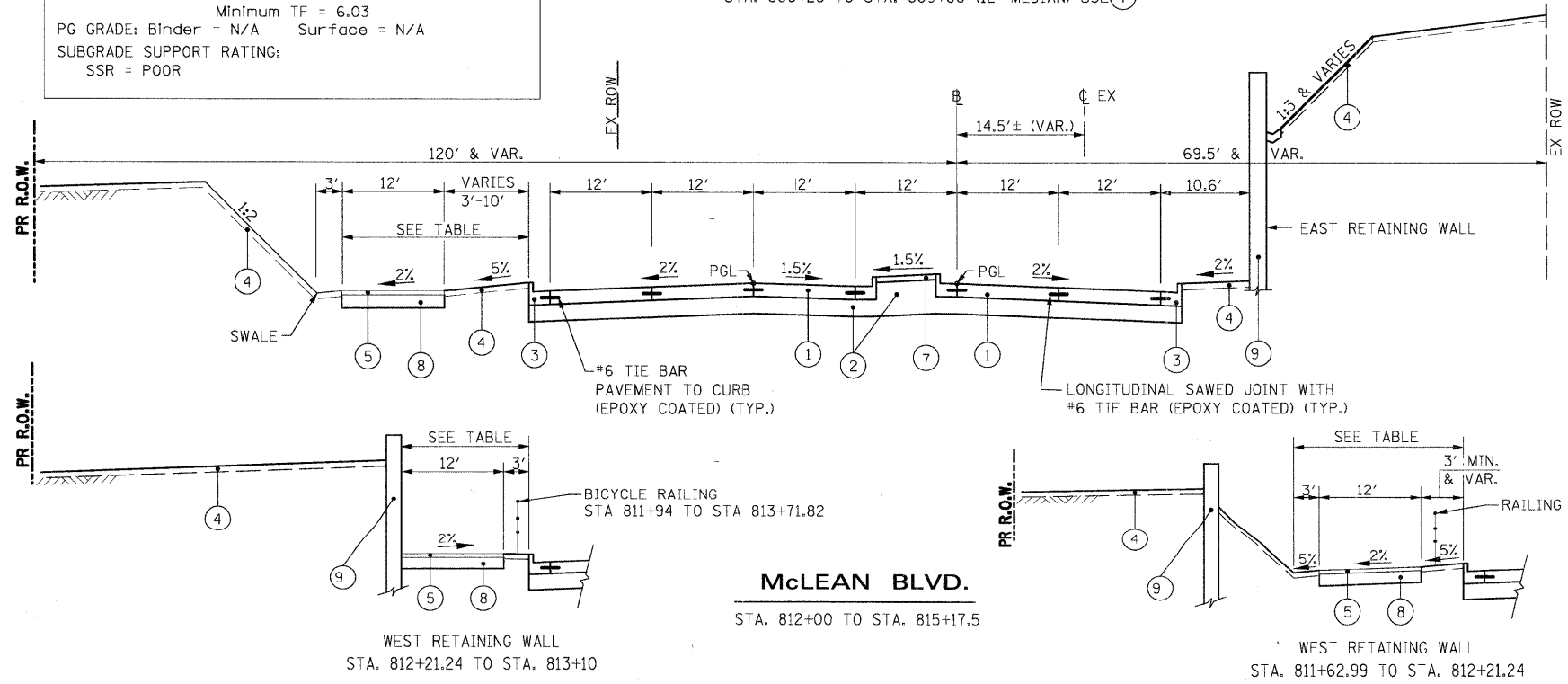
- LEGEND**
- (1) PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
 - (2) AGGREGATE SUBGRADE 12"
 - (3) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
 - (4) TOPSOIL FURNISH AND PLACE, 4" WITH SEEDING, SEE LANDSCAPING PLANS
 - (5) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
 - (6) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 2"
 - (7) CONCRETE MEDIAN SURFACE, 4 INCH (SPECIAL)
 - (8) AGGREGATE BASE COURSE, TYPE B, 6"
 - (9) RETAINING WALL/BRIDGE ABUTMENT
 - (10) EXISTING BITUMINOUS PAVEMENT, VARIES 10"-12"
 - (11) HOT MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2 "
 - (12) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 1 "
 - (13) HMA BASE COURSE WIDENING (HMA BINDER IL-19 mm), 10"
 - (14) HOT-MIX ASPHALT SHOULDERS, 6"
 - (15) AGGREGATE SHOULDERS, TYPE B, 6"
 - (16) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 12 3/4"
 - (17) CONCRETE MEDIAN, TYPE SB (SPECIAL)
 - (18) TOPSOIL FURNISH AND PLACE, 24" WITH SODDING SALT TOLERANT

STATION TO STATION	HMA MIXED USE PATH	PARKWAY
STA 812+00 TO 812+50	TRANSITION FROM -2% TO +2%	TRANSITION FROM -5% TO +5%
STA 812+50 TO 813+10	+2% (TOWARDS CURB & GUTTER)	+5% (TOWARDS CURB & GUTTER)
STA 813+10 TO 813+60	TRANSITION FROM +2% TO -2%	TRANSITION FROM +5% TO -5%
STA 813+60 TO 814+50	-2% (AWAY FROM CURB & GUTTER)	-5% (AWAY FROM CURB & GUTTER)
STA 814+50 TO 815+00	TRANSITION FROM -2% TO +2%	TRANSITION FROM -5% TO +5%

HOT-MIX ASPHALT REQUIREMENTS

MIXTURE TYPE	AC TYPE	AIR VOIDS	THICKNESS
McLEAN BLVD: HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm)	PG 64-22	4% AT 70 GYR.	2"
McLEAN BLVD: HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70	PG 64-22	4% AT 70 GYR.	12 3/4"
IL RTF 31: WIDENING AND RESURFACING HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	PG 64-22	4% AT 50 GYR.	1-1/2"
IL RTF 31: WIDENING AND RESURFACING POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	SBR PG 76-28/-22	4% AT 50 GYR.	1"
IL RTF 31: WIDENING HOT-MIX ASPHALT BASE COURSE WIDENING (HMA BINDER IL-19 mm), 10"	PG 64-22	4% AT 50 GYR.	10"
MULTI-USE PATH HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (IL-9.5 mm)	PG 64-22	4% AT 50 GYR.	2"
IL RTF 31: TEMPORARY PAVEMENT TEMPORARY PAVEMENT (HMA BINDER)	PG 64-22	4% AT 50 GYR.	10"
CLASS D PATCHES CLASS D PATCH (HMA BINDER IL-19 mm)	PG 64-22/58-22	4% AT 70 GYR.	10"
HMA SHOULDERS, STABILIZED SHOULDERS HOT-MIX ASPHALT SHOULDER	PG 64-22	2% AT 30 GYR.	6"
HMA DRIVEWAYS HMA BASE COURSE (HMA BINDER IL-19mm) HMA SURFACE COURSE, MIX "C", N50 (IL-9.5mm)	PG 64-22/58-22 PG 64-22	4% AT 50 GYR. 4% AT 50 GYR.	10" 2"

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN



McLEAN BLVD.

STA. 812+00 TO STA. 815+17.5

WEST RETAINING WALL
STA. 812+21.24 TO STA. 813+10

WEST RETAINING WALL
STA. 811+62.99 TO STA. 812+21.24

FILE NAME = I:\Dgn\civil\sheet\ts002.dgn	USER NAME = JFigueroa	DESIGNED -	REVISED -	KANE COUNTY DIVISION OF TRANSPORTATION	NEW STEARNS ROAD - STAGE 2 PROPOSED TYPICAL SECTIONS	F.A.P. RTE. 361	SECTION 06-00214-10-BR	COUNTY KANE	TOTAL SHEETS 219	SHEET NO. 12
PLOT SCALE = 1:10	CHECKED -	REVISED -	CONTRACT NO. 63073							
PLOT DATE = 4/29/2009	DATE = 3/27/09	REVISED -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
						SCALE: SHEET NO. OF SHEETS STA. TO STA.				