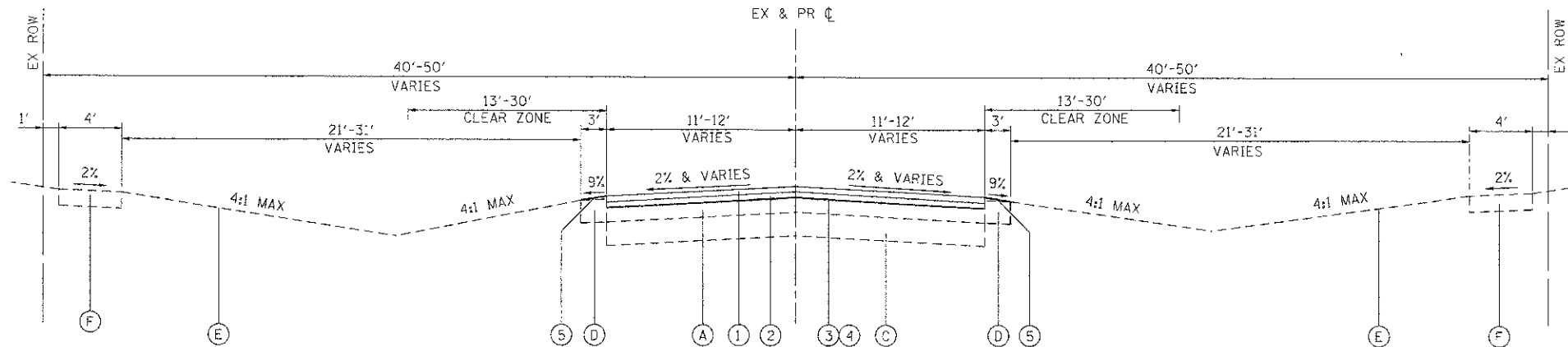




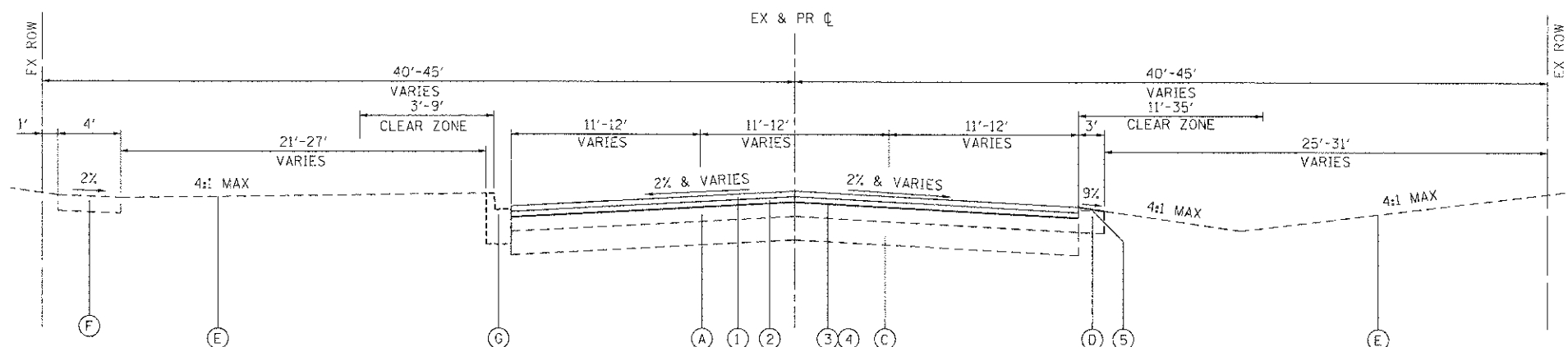
PROPOSED TYPICAL SECTION
CRYSTAL LAKE ROAD
BULL VALLEY ROAD TO DARTMOOR DRIVE
STA 104+89 TO STA 144+50

EXISTING LEGEND

- (A) HOT-MIX ASPHALT PAVEMENT; 6"±
- (B) HOT-MIX ASPHALT SURFACE REMOVAL; 3 1/2 INCH
- (C) AGGREGATE SUBBASE; 12±
- (D) AGGREGATE SHOULDERS
- (E) EXISTING GROUND
- (F) EXISTING PCC SIDEWALK
- (G) EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.12

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', N70; 1 1/2"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/4"
- (3) BITUMINOUS MATERIALS (PRIME COAT)
- (4) AGGREGATE (PRIME COAT)
- (5) AGGREGATE SHOULDERS, TYPE B (9% MAX SLOPE)



PROPOSED TYPICAL SECTION
CRYSTAL LAKE ROAD
DARTMOOR DRIVE TO ROYAL DRIVE
STA 144+50 TO STA 176+00

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ Ndes
RESURFACING	
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 2 1/4"	4% @ 70 GYR.
HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70; (IL-9.5mm); 1 1/2"	4% @ 70 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19mm); 4" (2 LXF75)	4% @ 70 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX D, N50 (IL 9.5mm); 3" (2 LXF75)	4% @ 50 GYR.

THE UNIT WEIGHT TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
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 64-28" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

COMPANY NAME: HRGreen.com
PROJECT CONTACT: J. J. S.
DATE PLOTTED: 3/28/17 PM
FILE NAME: 8610365-1yp01.dgn
PLOT SCALE: NTS
PLOT DATE: 3/28/17
PLOT BY: J. J. S.
PLOT TABLE: Standard-Trans.tbl

 HRGreen.com Civil Professional Design Firm # 184-001322	USER NAME = jctr201	DESIGNED - JJS	REVISED -	CITY OF MCHENRY	CRYSTAL LAKE ROAD PROPOSED TYPICAL SECTIONS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JJS	REVISED -		0085	11-00073-00-R5	MCHENRY	44	7				
	PLST SCALE = NTS	CHECKED - AC	REVISED -		CONTRACT NO. 63794								
	PLST DATE = 3/28/17	DATE	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								
					SCALE: NTS	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.					