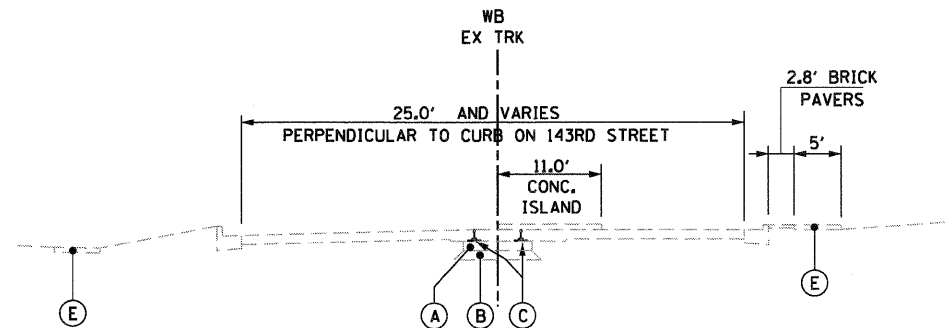


LOCATION MAP



SECTION ACROSS 143RD STREET AT METRA TRACKS (EXISTING)

(GRADE CROSSING)

EXISTING LEGEND

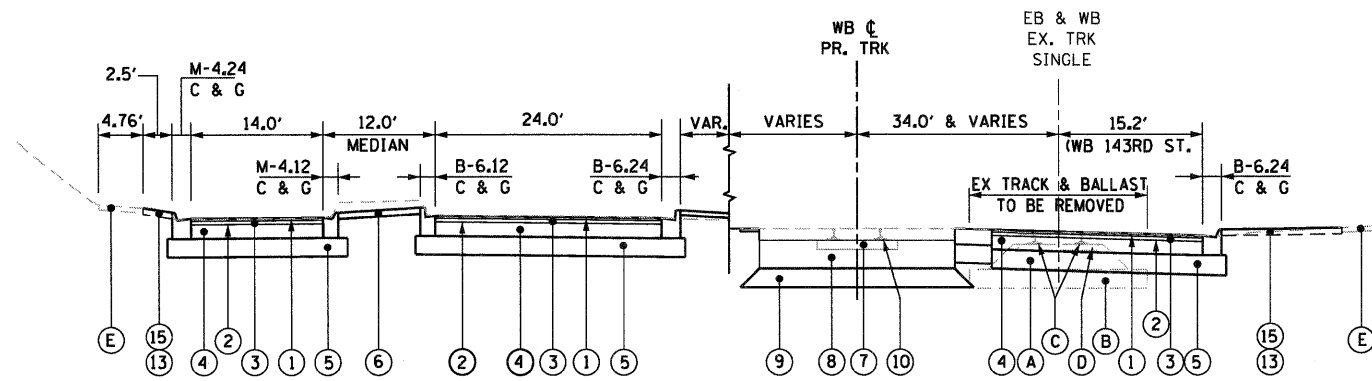
- (A) 12" BALLAST
- (B) 12" SUB-BALLAST
- (C) RAILS
- (D) TIMBER CROSS TIE
- (E) SIDEWALK
- (F) PLATFORM

PROPOSED LEGEND

- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 1 1/2"
- (2) BITUMINOUS MATERIALS (PRIME COAT)
- (3) HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N50 2 1/4"
- (4) PORTLAND CEMENT CONCRETE BASE COURSE 9"
- (5) AGGREGATE SUBGRADE 12"
- (6) CONCRETE MEDIAN
- (7) CROSS TIES
- (8) 12" BALLAST
- (9) 12" SUB-BALLAST
- (10) RAILS
- (11) TOPSOIL STRIPPING, 4" (NOTE 5)
- (12) TIERED SEGMENTAL BLOCK WALL
- (13) TOPSOIL FURNISH AND PLACE, 4"
- (14) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION (NOTE 4)
- (15) SODDING, SALT TOLERANT
- (16) EMBANKMENT
- (17) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (2")
- (18) AGGREGATE (PRIME COAT)
- (19) AGGREGATE BASE COURSE, TYPE B 6"
- (20) CONCRETE GUTTER, TYPE B

NOTES:

1. ALL BALLAST, TIES, RAILS AND APPURTENANCES SHALL BE SUPPLIED AND INSTALLED BY METRA.
2. STATIONS REFER TO WB & EB PROPOSED TRACK.
3. CROWN IN SUB-BALLAST SHALL BE CENTERED BETWEEN EB & WB PROPOSED TRACK AND WB & EB PROPOSED TRACK AT AN ELEVATION OF 2.06' BELOW PROPOSED TOP OF RAIL. HOWEVER, THIS ELEVATION DOES NOT APPLY WHEN THERE IS NO CROWN IN THE BALLAST.
4. GEOTECHNICAL FABRIC SHALL BE PLACED AT ALL LOCATIONS WHERE TOPSOIL OR SOD WILL BE UNDERLAIN BY EXISTING SUB-BALLAST.
5. PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."



SECTION A-A

ACROSS 143RD STREET AT METRA TRACKS

(SEE LOCATION MAP)

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
COMPOSITE PAVEMENT	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 1 1/2"	4% @ 50 Gyr.
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 2 1/4"	4% @ 50 Gyr.
BIKE PATH	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50, 2"	4% @ 50 Gyr.

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
 NOTE 2: FOR "AC TYPE" AND "PERCENT RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

FILE NAME = D1620N09-SHT-TYPICAL04.dgn	USER NAME = TKluogel	DESIGNED - BA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS			F.A.P. RTE. 330	SECTION 2010-135-1	COUNTY COOK	TOTAL SHEETS 101	SHEET NO. 12
PLOT SCALE = 1:10	CHECKED - MJT	DRAWN - BA	REVISED -		SCALE: N.T.S.	SHEET NO. 4 OF 4 SHEETS	STA. TO STA.	TS-04		CONTRACT NO. 60N09		
PLOT DATE = 12/29/2010	DATE - 12/17/10	REVISOR -	REVISOR -		ILLINOIS FED. AID PROJECT							