

EXISTING LEGEND

- (A) EXIST. HMA SURFACE COURSE, 1"
- (B) EXIST. HMA BINDER COURSE, 2"
- (C) EXIST. AGGREGATE BASE COURSE, 10"
- (D) EXIST. COMBINATION CONCRETE CURB & GUTTER
- (E) EXIST. STONE RIPRAP / BIN RETAINING WALL **
- (F) EXIST. METAL GUARDRAIL
- (G) EXIST. AGGREGATE SHOULDER
- (H) HMA SURFACE REMOVAL, 2 1/4"

PROPOSED LEGEND

- (1) HMA SURFACE COURSE, MIX 'D', N70; 1 1/2"
- (2) LEVELING BINDER (MACHINE METHOD) N70; 3/4"
- (3) SUB-BASE GRANULAR MATERIAL, TYPE C 6"
- (4) HMA SHOULDERS, 8" ++
- (5) STEEL PLATE BEAM GUARDRAIL
- (6) DRIVEN SOLDIER PILE WALL (SEE STRUCTURE PLANS) **
- (7) TOPSOIL AND SEEDING
- (8) COMB. CONCRETE CURB & GUTTER, TYPE B-6.24
- (9) HMA SHOULDER, 6"
- (10) BRIDGE PARAPET AND ANCHORED SLAB (SEE STRUCTURE PLANS)

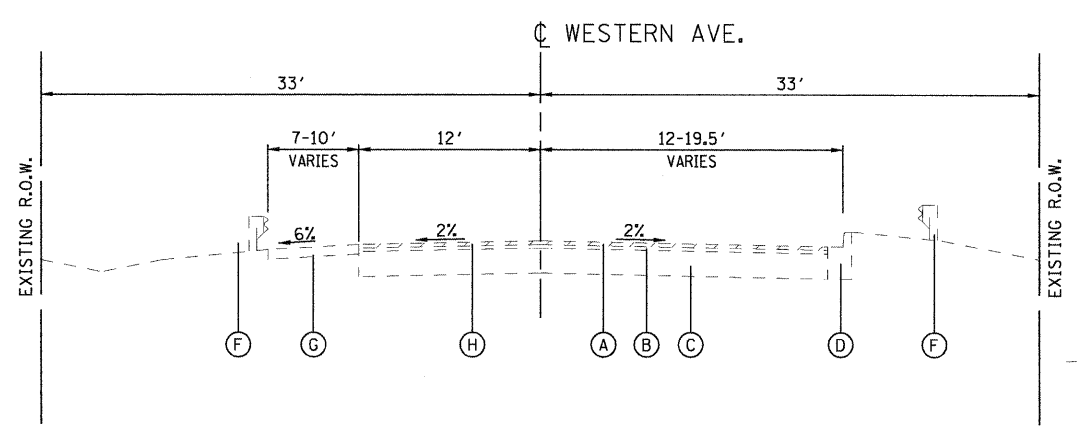
++ THE TOP 1/2 INCHES OF THE HMA SHOULDER SHALL BE HMA SURFACE COURSE AND INCLUDED IN THE COST OF HMA SHOULDERS.

HMA MIXTURE REQUIREMENTS

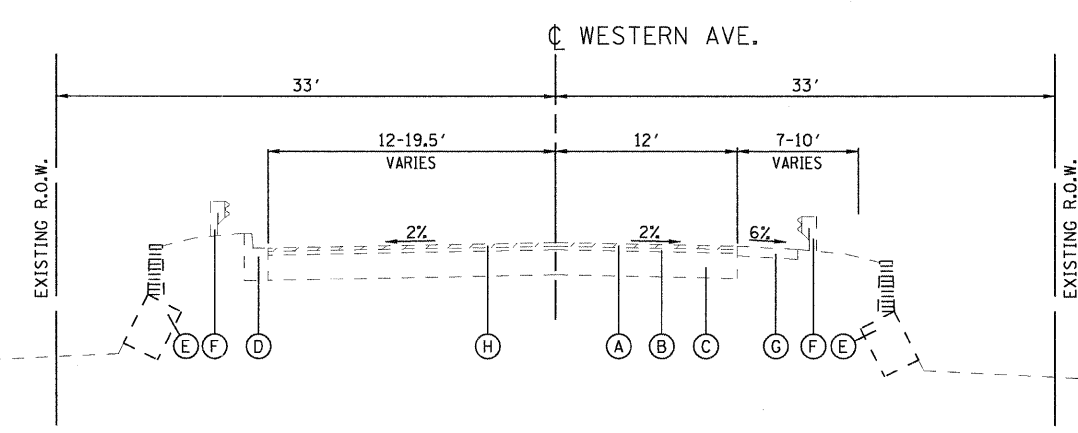
MIX DESIGNS	AIR VOIDS
RESURFACING	
HMA SURFACE COURSE, MIX 'D', N70, (IL-9.5mm); 1 1/2"	4% @ 70 GYRATIONS
LEVELING BINDER, N70, (IL-9.5mm); 3/4"	4% @ 70 GYRATIONS
SHOULDERS	
HMA SHOULDER (HMA BINDER IL-19mm); 8"	4% @ 70 GYRATIONS
HMA SHOULDER (HMA BINDER IL-19mm); 6"	4% @ 70 GYRATIONS
DRIVEWAYS	
HMA SURFACE COURSE, MIX 'D', N50 (IL-9.5 mm); 2"	4% @ 50 GYRATIONS
HMA BASE COURSE (HMA BINDER IL-19mm); 6"	4% @ 50 GYRATIONS

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SY/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 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE DISTRICT ONE SPECIAL PROVISIONS.

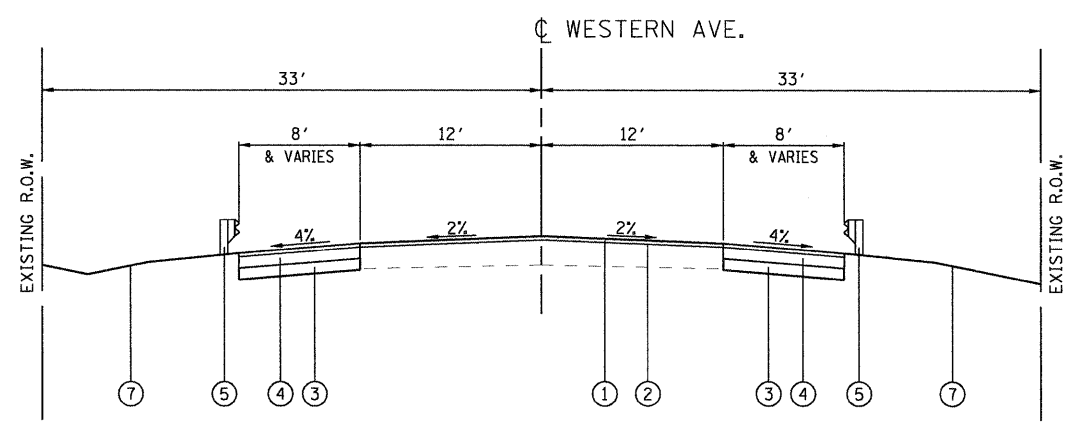


EXISTING TYPICAL SECTION
FACING NORTH
STA. 11+50.0 TO STA. 12+61.0
N.T.S.

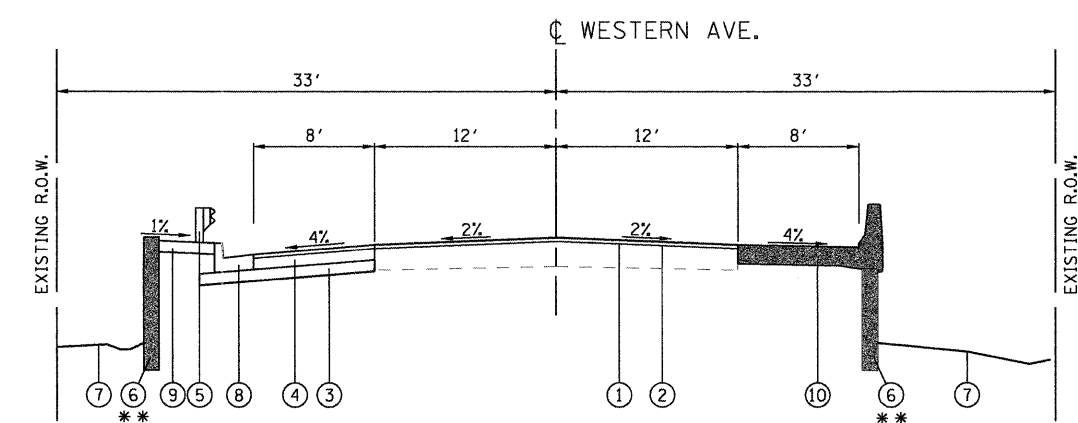


EXISTING TYPICAL SECTION
FACING NORTH
STA. 13+90.0 TO STA. 15+76.2
N.T.S.

** STONE RIPRAP / BIN RETAINING WALLS LOCATED BETWEEN STA. 13+98.2 AND STA. 14+87.7 (EAST SIDE OF ROADWAY), & STA. 13+67.6 AND STA. 14+16.4 (WESTSIDE OF ROADWAY).



EXISTING TYPICAL SECTION
FACING NORTH
STA. 11+50.0 TO STA. 12+61.0
STA. 14+87.2 TO STA. 15+76.2
N.T.S.



EXISTING TYPICAL SECTION
FACING NORTH
STA. 13+90.0 TO STA. 14+87.7
N.T.S.

** SOLDIER PILE WALL LOCATED BETWEEN STA. 13+67.1 AND STA. 14+43.1 (WESTSIDE OF ROADWAY).
BRIDGE PARAPET AND ANCHORED SLAB LOCATED BETWEEN STA. 13+97.9 AND STA. 14+87.7 (EAST SIDE OF ROADWAY)

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USER NAME = z20101d	DESIGNED - DJB	REVISED -
PLOT SCALE = 50,000' / IN.	DRAWN - ENTRAN	REVISED -
PLOT DATE = 12/5/2011	CHECKED - TMH	REVISED -
	DATE - 10/28/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WESTERN AVENUE OVER BUTTERFIELD CREEK
TYPICAL SECTIONS**

SCALE: 50,000' / IN. SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE. 2845	SECTION 0505-B	COUNTY COOK	TOTAL SHEETS 52	SHEET NO. 4
CONTRACT NO. 60M78				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				