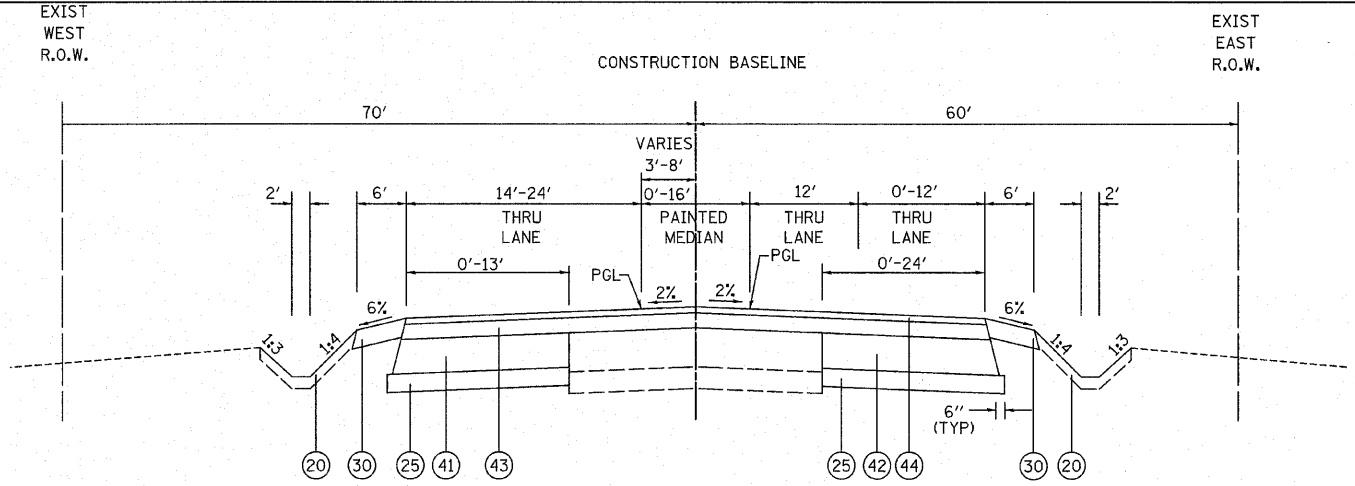


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	WILL	608	35
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

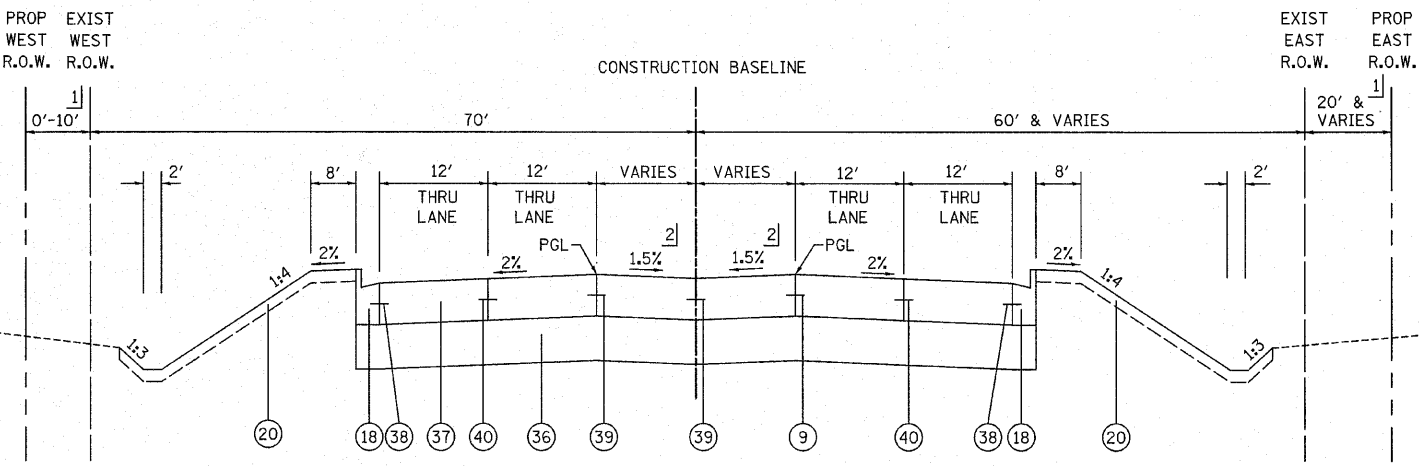


HARLEM AVENUE  
STA. 981+31.38 TO STA. 988+21

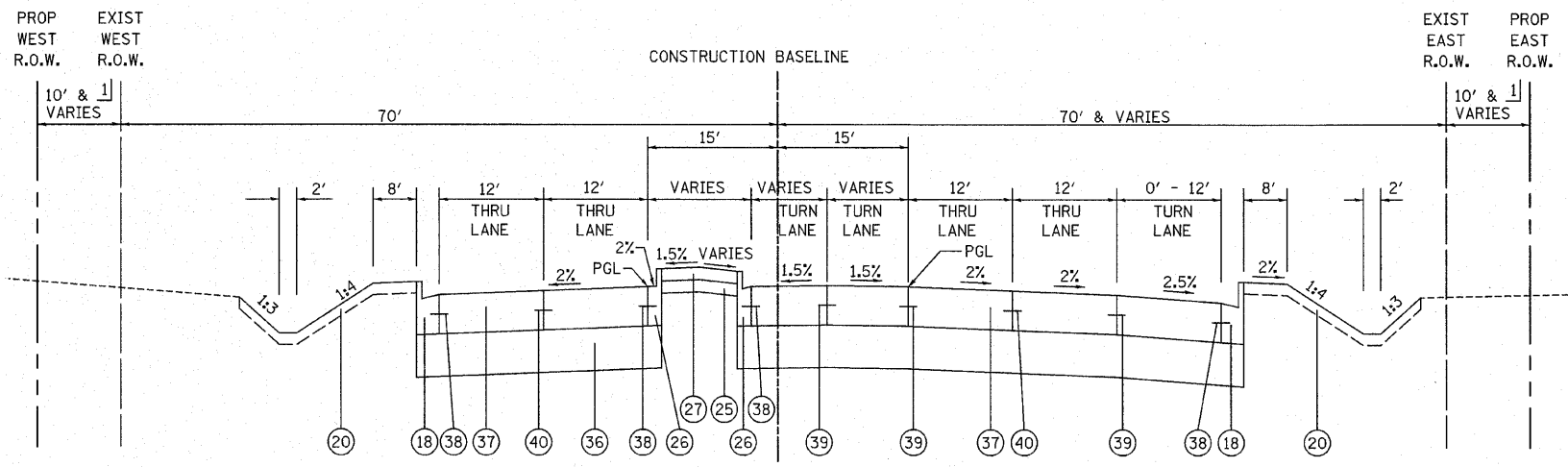
NOTE:  
HMA BASE COURSE SHALL BE PLACED MATCHING THE EXISTING EDGE OF PAVEMENT ELEVATION (FOR USE AS TEMPORARY LANES). PRIOR TO PLACEMENT OF HMA BINDER COURSE, THE ENTIRE WIDTH OF THE PAVEMENT SHALL BE MILLED USING "HMA SURFACE COURSE REMOVAL, VARIABLE DEPTH".

PROPOSED LEGEND

- (15) AGGREGATE SUBGRADE 12", SPECIAL (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
- (16) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 11.75"
- (17) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 2"
- (18) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- (19) CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)
- (20) TOPSOIL/COMPOST PLACEMENT (SEE LANDSCAPING SHEETS FOR MATERIAL AND DEPTH)
- (21) TOPSOIL FURNISH AND PLACE, 24"
- (22) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
- (23) AGGREGATE BASE COURSE, TYPE B 3"
- (24) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 3"
- (25) SUB-BASE GRANULAR MATERIAL, TYPE B, 6" (PAY LIMITS SHALL BE AT THE BACK OF CURB OR EDGE OF PATH UNLESS OTHERWISE NOTED)
- (26) COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12
- (27) CONCRETE MEDIAN SURFACE, 4"
- (28) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 2"
- (29) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 7"
- (30) AGGREGATE SHOULDER, TYPE B 6"
- (31) CONCRETE MEDIAN, TYPE SB-6.12
- (32) AREA REFLECTIVE CRACK CONTROL
- (33) HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1.5"
- (34) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 8"
- (35) TOPSOIL FURNISH AND PLACE, 8"
- (36) AGGREGATE SUBGRADE, 12" (PAY LIMITS SHALL BE AT THE BACK OF CURB UNLESS OTHERWISE NOTED)
- (37) PORTLAND CEMENT CONCRETE PAVEMENT 9 3/4" (JOINTED)
- (38) NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 24" C-C (INCLUDED IN COST OF "COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24", "CORRUGATED MEDIAN", "CONCRETE MEDIAN, TYPE SB-6.12", "CONCRETE MEDIAN, TYPE SB-6.24", OR "CONCRETE MEDIAN, TYPE SB-6.24 (MODIFIED)")
- (39) LONGITUDINAL CONSTRUCTION JOINT - NO. 6 X 24" DEFORMED TIE BARS (EPOXY COATED) AT 24" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
- (40) LONGITUDINAL SAWED JOINT - NO. 6 X 30" DEFORMED TIE BARS (EPOXY COATED) AT 30" C-C (INCLUDED IN THE COST OF "PCC PAVT 9 3/4" (JOINTED)")
- (41) HOT-MIX ASPHALT BASE COURSE, 10"
- (42) HOT-MIX ASPHALT BASE COURSE, 8"
- (43) HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 2 1/4" (MIN)
- (44) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 1 1/2"
- (45) STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"
- (46) COMBINATION CONCRETE CURB AND GUTTER, TYPE M-2.24



HARLEM AVENUE  
STA. 988+21 TO STA. 994+06



HARLEM AVENUE  
STA. 994+06 TO STA. 997+06

STRUCTURAL PAVEMENT DESIGN INFORMATION BLOCK FOR HARLEM AVENUE

STRUCTURAL TRAFFIC:	YEAR 2021
PV = 24,859	SU = 1,336 MU = 535
ROAD/STREET CLASSIFICATION:	CLASS 1
P = 32%	S = 45% M = 45%
TRAFFIC FACTOR:	ACTUAL TF = 5.11
	MINIMUM TF = 6.03
EDGE SUPPORT CONDITION:	TIED CURB & GUTTER
SUBGRADE SUPPORT RATING:	SSR = POOR (STA. 988+21 TO STA. 1011+85)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**HARLEM AVENUE**  
PROPOSED TYPICAL SECTIONS

SCALE: NOT TO SCALE  
DATE 6/11/2010  
DRAWN BY DJK  
CHECKED BY JRV

- 1] SEE PLAT OF HIGHWAYS FOR RIGHT OF WAY AND EASEMENT DIMENSIONS.
- 2] TRANSITION FROM PITCHING OUT AT 1.5% TO PITCHING IN AT 1.5% FROM STA. 988+21 TO STA. 989+00