

PROPOSED SUPERELEVATED TYPICAL SECTION  
STA 103+20 TO STA 106+28.65

MIXTURE CHART

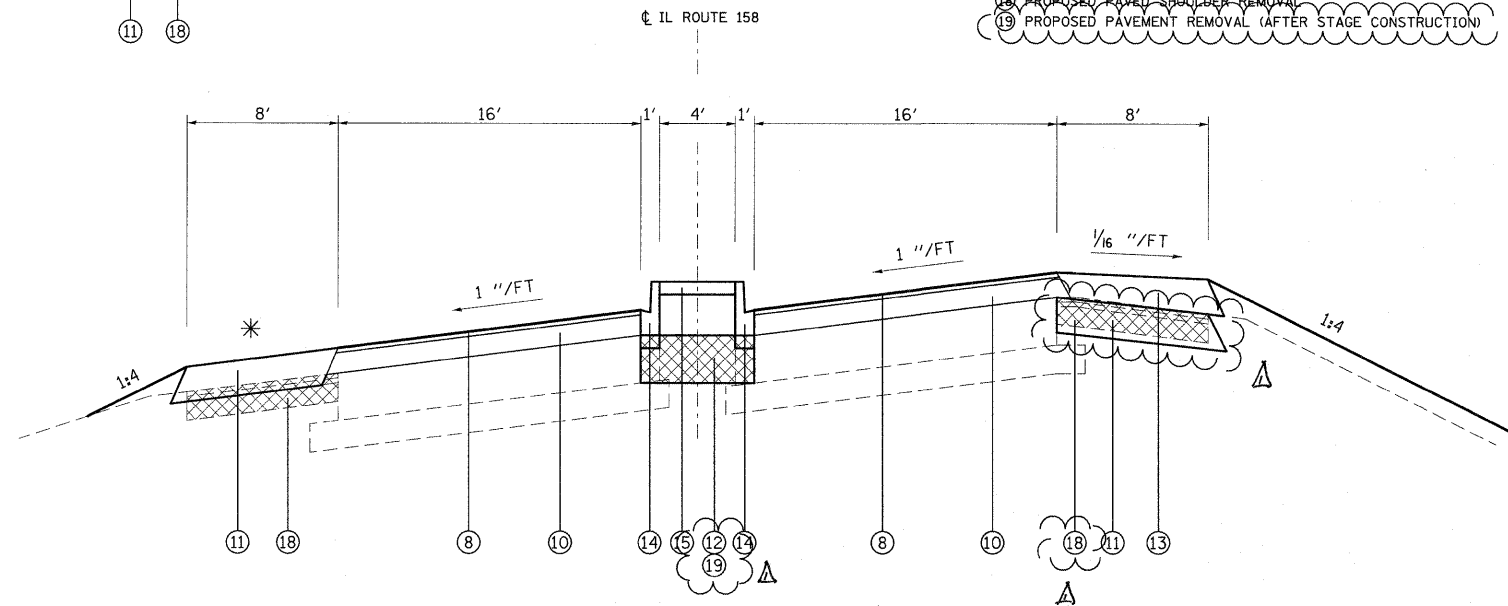
MIXTURE USE	SURFACE	LEVEL BINDER	BINDER / BASE CRS
AC/PG	PG 64-22	PG 64-22	PG 64-22
RAP % (MAX)	10%	15%	15%
DESIGN AIR VOIDS	4.0% @ Ndes=70	4.0% @ Ndes=70	4.0% @ Ndes=70
MIX COMPOSITION (GRADATION MIXTURE)		IL 12.5	IL 19.0
FRICITION AGG	MIXTURE "D"	MIXTURE "C"	MIXTURE "B"

TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2.0% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

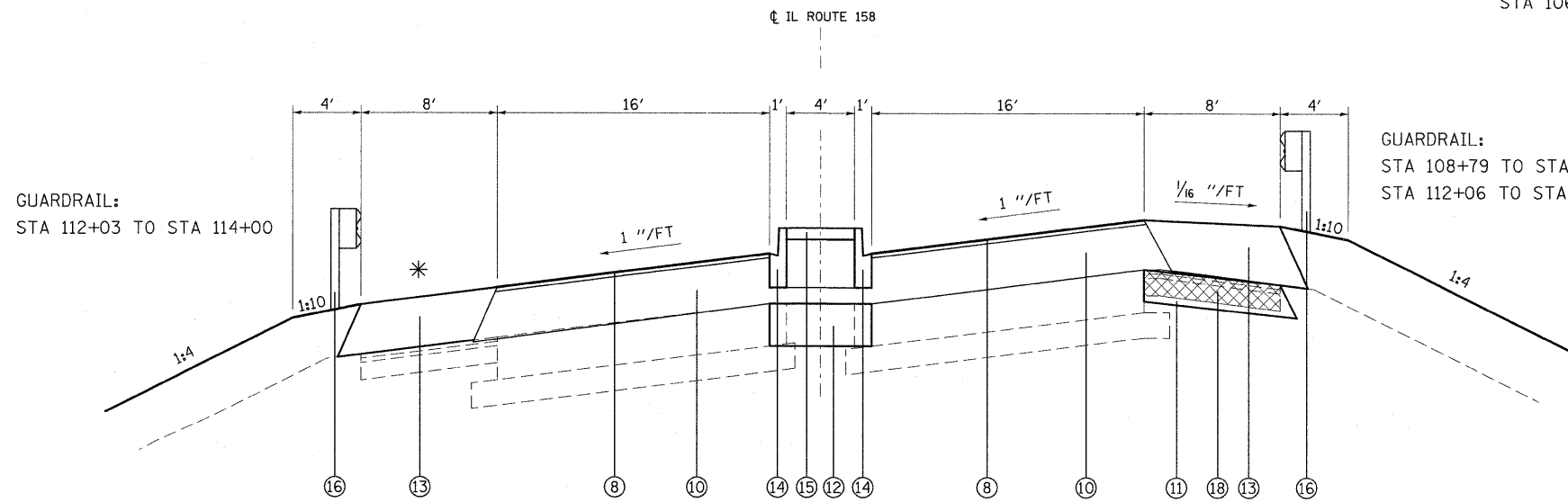
PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SQ YD/IN.

LEGEND

- ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT - 10"
- ② EXISTING SUB-BASE GRANULAR MATERIAL, TYPE A - 6"
- ③ EXISTING BITUMINOUS CONCRETE SURFACE COURSE, SUB-CLASS I-11 (SHOULDERS) - 1 1/2 "
- ④ EXISTING BITUMINOUS CONCRETE BINDER COURSE (SHOULDERS) - 1 1/2 "
- ⑤ EXISTING STABILIZED SHOULDERS
- ⑥ EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.06
- ⑦ EXISTING PORTLAND CEMENT CONCRETE MEDIAN SURFACE - 4"
- ⑧ PROPOSED HMA SURFACE COURSE - 1 1/2 "
- ⑨ PROPOSED LEVELING BINDER - 1"
- ⑩ PROPOSED HMA BINDER COURSE - VARIES FROM 1.25" TO 36.2"
- ⑪ PROPOSED HMA BASE COURSE - 11"
- ⑫ PROPOSED HMA BASE COURSE - 10"
- ⑬ PROPOSED HMA SHOULDER
- ⑭ PROPOSED COMBINATION CURB AND GUTTER, TYPE B-9.06
- ⑮ PROPOSED CONCRETE MEDIAN SURFACE - 4"
- ⑯ PROPOSED GUARDRAIL
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ PROPOSED PAVED SHOULDER REMOVAL
- ⑲ PROPOSED PAVEMENT REMOVAL (AFTER STAGE CONSTRUCTION)



PROPOSED SUPERELEVATED TYPICAL SECTION  
STA 106+28.65 TO STA 107+00



PROPOSED SUPERELEVATED TYPICAL SECTION  
STA 107+00 TO STA 109+67.01  
STA 112+30.45 TO STA 114+00

\* ON THE INSIDE OF THE CURVE THE SHOULDER SLOPE SHALL BE THE SAME AS THE PAVEMENT SUPERELEVATION WITH A MINIMUM SLOPE OF 1/2" PER FOOT.

\*\* HMA BASE COURSE - 11" ENDS AT STA 119+00  
HMA SHOULDER - 6" FROM STA 119+00 TO STA 127+20

NOTE:

PROPOSED WEST BRIDGE APPROACH PAVEMENT FROM STA 109+76.01 TO STA 110+02.98  
PROPOSED STRUCTURE FROM STA 110+02.98 TO STA 111+94.45  
PROPOSED EAST BRIDGE APPROACH PAVEMENT FROM STA 111+94.45 TO STA 112+24.45

Rev. 2-11-10

FILE NAME =  
c:\pwwork\pwwork\OWENB.J\dms52558\p1n8

USER NAME = owenbj  
508e.dgn  
PLOT SCALE = 5/8" = 1' IN.  
PLOT DATE = 2/9/2010

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED TYPICAL SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
809	67-1HBR	MONROE	144	8
CONTRACT NO. 76977				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				