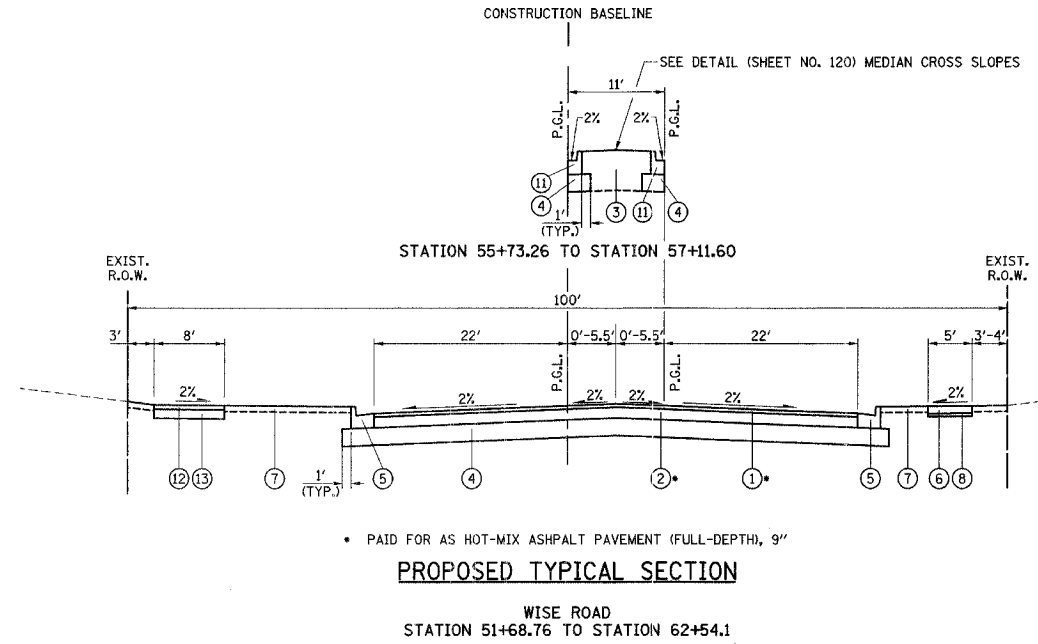
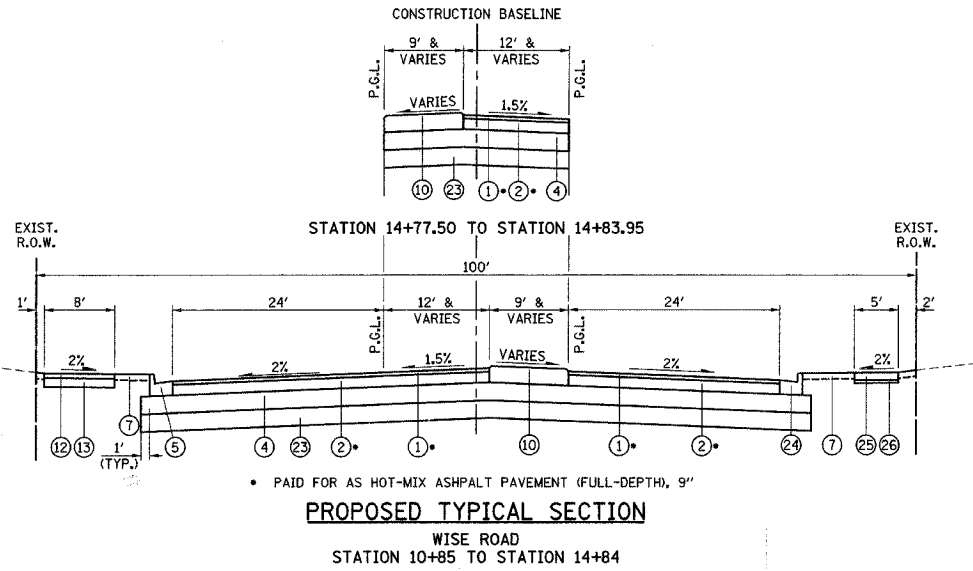
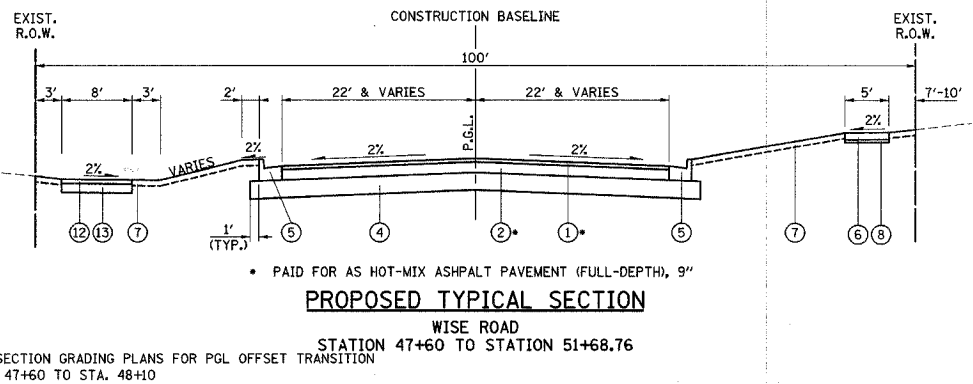
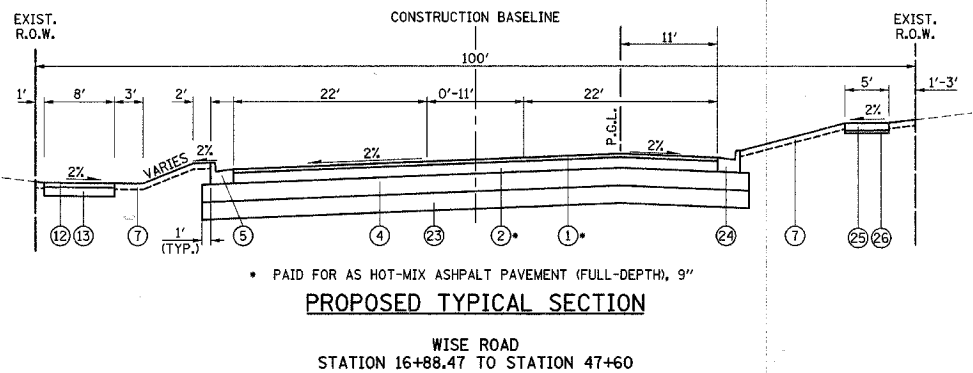
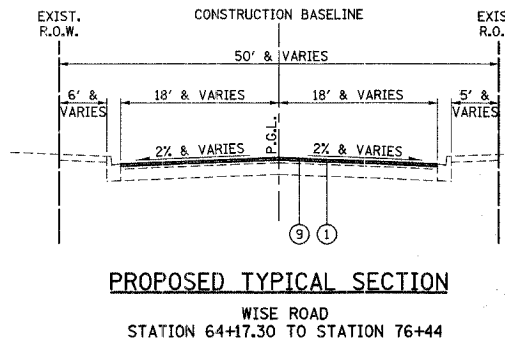
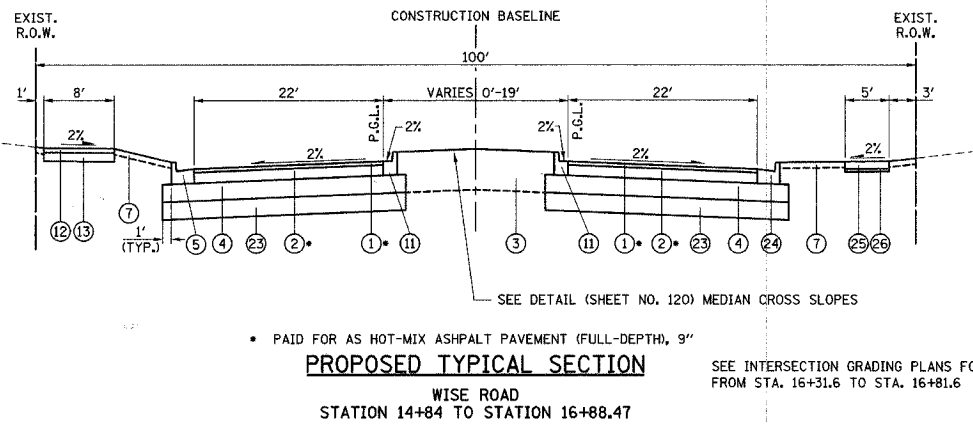


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1338	05-00083-00-FF	COOK	167	15
TYPICAL SECTIONS				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT M-8003(S12)				



PROPOSED LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (2 IN)
- ② HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70 (7 IN) (2 LIFTS)
- ③ MEDIAN SOIL MIX FURNISH AND PLACE
- ④ AGGREGATE SUBGRADE, 10"
- ⑤ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- ⑥ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH
- ⑦ TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT
- ⑧ SUBBASE GRANULAR MATERIAL, TYPE B 2" (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH)
- ⑨ AREA REFLECTIVE CRACK CONTROL TREATMENT
- ⑩ CORRUGATED MEDIAN
- ⑪ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑫ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (3 IN)
- ⑬ SUB-BASE GRANULAR MATERIAL, TYPE B 6"
- ⑭ PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED)
- ⑮ COMBINATION CONCRETE CURB & GUTTER, TYPE M-2.12
- ⑯ HOT-MIX ASPHALT SHOULDERS, 12"
- ⑰ CONCRETE MEDIAN, TYPE C-4
- ⑱ #6 TIE BAR, 24" LONG @ 30" C-C (DRILLED & GROUTED)
- ⑲ COMBINATION CONCRETE CURB & GUTTER, TYPE M-3.12
- ⑳ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 (1.5 IN)
- ㉑ LEVELING BINDER (MACHINE METHOD), N50 (1.5 IN (MIN) AND VARIES)
- ㉒ AGGREGATE SUBGRADE, 12"
- ㉓ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL POROUS GRANULAR EMBANKMENT, SUBGRADE SEE ROADWAY SOILS INVESTIGATION BY APPLIED GEOSCIENCE, INC. DATED MAY 30, 2003 AND JUNE 18, 2007 AND THE CROSS SECTIONS FOR ADDITIONAL INFORMATION
- ㉔ COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24 (SPECIAL)
- ㉕ PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL
- ㉖ SUBBASE GRANULAR MATERIAL, TYPE B 2" (INCLUDED IN THE COST OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL)



PAVEMENT DESIGN

ITEM	WISE ROAD
STRUCTURAL DESIGN TRAFFIC (2030)	14,000
ROAD CLASSIFICATION	I
PASSENGER CARS	12,446
SINGLE UNITS	191
MULTIPLE UNITS	63
TRAFFIC FACTOR	0.25
DESIGN THICKNESS	2+7+10

THICKNESS = (HMA SURF + HMA BIND + AGG SUB-GRADE) INCHES

ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TYPICAL SECTIONS

DATE: 9/28/07
 DESIGNED BY: KRK
 CHECKED BY: JRV
 NOT TO SCALE

SEE INTERSECTION GRADING PLANS FOR PGL OFFSET TRANSITION FROM STA. 47+60 TO STA. 48+10