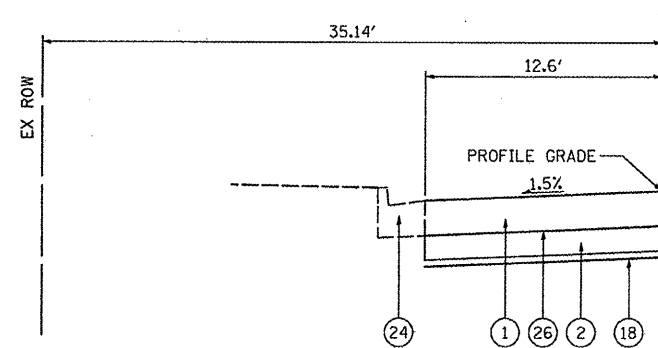
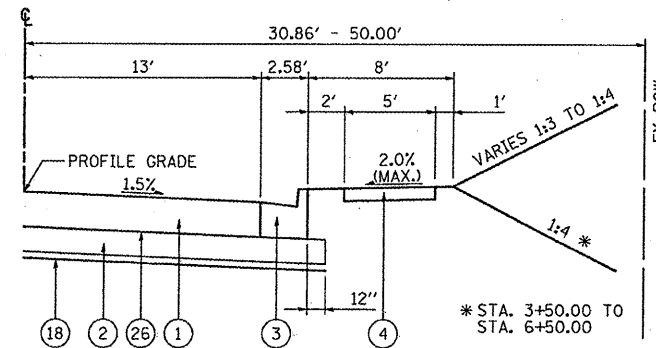


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9266	06-00062-06-PV	ST. CLAIR	80	6
FHWA REG. NO. 7 ILLINOIS		PROJECT NO. RS-0163(035)		
FEDERAL AID PROJECT		CONTRACT NO. 97457		

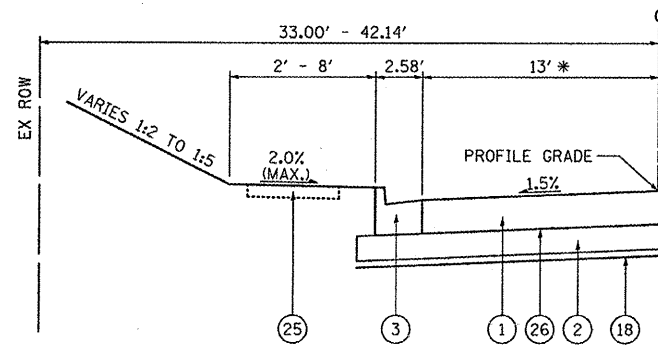
TYPICAL SECTIONS



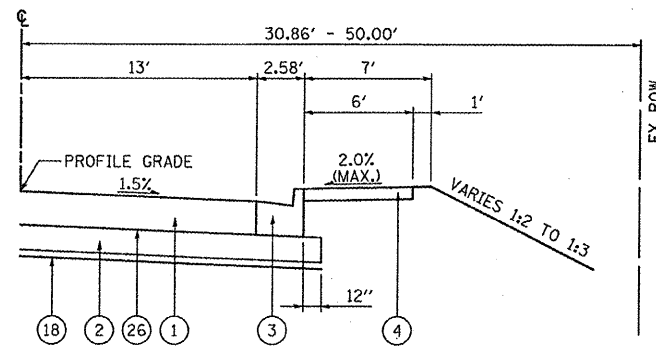
PROPOSED SHILOH CUT-OFF (MAIN STREET)
STA. 3+50.00 TO STA. 3+78.14
(NOT TO SCALE)



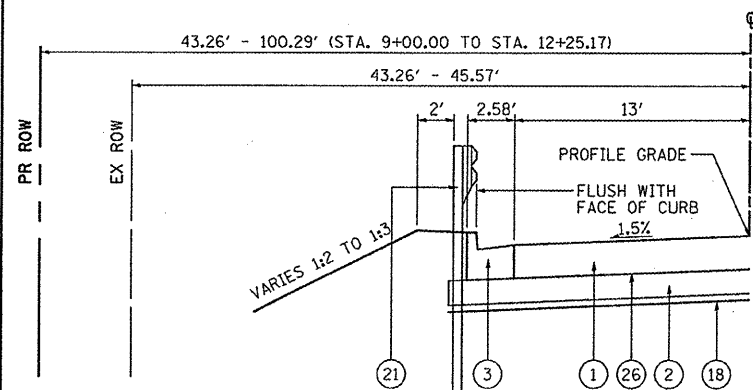
PROPOSED SHILOH CUT-OFF (MAIN STREET)
STA. 3+50.00 TO STA. 9+80.00
STA. 12+55.66 TO STA. 17+94.27
(NOT TO SCALE)



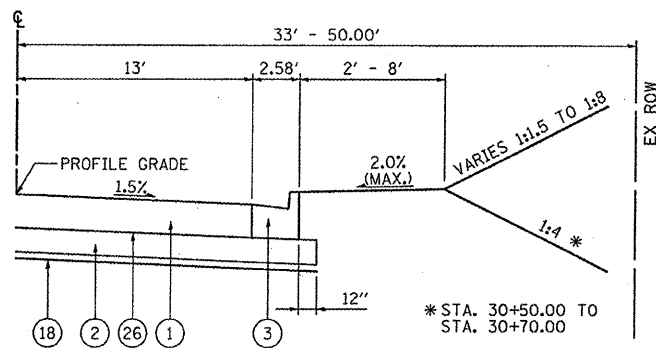
* VARIES FROM 12.6' TO 13', STA. 3+78.14 TO STA. 4+28.14
PROPOSED SHILOH CUT-OFF (MAIN STREET)
STA. 3+78.14 TO STA. 9+00.00
STA. 12+50.00 TO STA. 30+70.00
STA. 47+35.51 TO STA. 49+25.00
(NOT TO SCALE)



PROPOSED SHILOH CUT-OFF (MAIN STREET)
STA. 9+80.00 TO STA. 12+55.66
(NOT TO SCALE)



PROPOSED SHILOH CUT-OFF (MAIN STREET)
STA. 9+00.00 TO STA. 12+50.00
(NOT TO SCALE)



PROPOSED SHILOH CUT-OFF (MAIN STREET)
STA. 17+94.27 TO STA. 30+70.00
STA. 47+35.51 TO STA. 49+25.00
(NOT TO SCALE)

LEGEND

- ① PROPOSED HOT-MIX ASPHALT PAVEMENT (FULL DEPTH), 11" (2" SURFACE WITH 9" BINDER)
- ② PROPOSED AGGREGATE BASE COURSE, TYPE A 8"
- ③ PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ④ PROPOSED PORTLAND CEMENT CONCRETE SIDEWALK, 4" STA. 3+30.00 TO 18+40.00
- ⑤ PROPOSED HOT-MIX ASPHALT SHOULDERS, 8"
- ⑥ PROPOSED 4 1/4" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70. LEVELING BINDER AS REQUIRED TO GENERATE PROPER CROSS SLOPE
- ⑦ EXISTING 1 1/2" BITUMINOUS CONCRETE BINDER COURSE EXISTING 1 1/2" BITUMINOUS CONCRETE SURFACE COURSE
- ⑧ EXISTING 8" STABILIZED BASE COURSE
- ⑨ EXISTING 4" SUB-BASE GRANULAR MATERIAL
- ⑩ EXISTING 8" STABILIZED SHOULDERS
- ⑪ EXISTING AGGREGATE SHOULDERS
- ⑫ INTENTIONALLY LEFT BLANK
- ⑬ PROPOSED CONCRETE GUTTER, TYPE A
- ⑭ EXISTING 2" OIL AND CHIP
- ⑮ EXISTING 6" COMPACTED GRAVEL BASE COURSE
- ⑯ EXISTING 4" CRUSHED STONE BASE COURSE
- ⑰ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑱ PROPOSED GEOTECHNICAL FABRIC FOR GROUND STABILIZATION.
- ⑲ PROPOSED 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N70
- ⑳ EXISTING CONCRETE SIDEWALK
- ㉑ PROPOSED GUARDRAIL
- ㉒ EXISTING GUARDRAIL
- ㉓ REERECTED EXISTING GUARDRAIL
- ㉔ EXISTING CONCRETE CURB AND GUTTER
- ㉕ FUTURE CONCRETE SIDEWALK
- ㉖ PROPOSED BITUMINOUS MATERIAL (PRIME COAT) PROPOSED AGGREGATE (PRIME COAT)
- ㉗ PROPOSED AGGREGATE SHOULDER TYPE A 8"

URBAN STRUCTURAL DESIGN TABLE
STA. 3+50.00 TO STA. 49+27.35

STRUCTURAL DESIGN TRAFFIC: YEAR 2020
PV = 5,630 SU = 507 MU = 169

ROAD/STREET CLASSIFICATION: CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%

TRAFFIC FACTOR: ACTUAL TF = 0.154
MINIMUM TF = 0.500

SUBGRADE SUPPORT RATING
IBR = POOR (STA. 3+50.00 TO STA. 49+27.35)

RURAL STRUCTURAL DESIGN TABLE
STA. 49+27.35 TO STA. 84+23.20

STRUCTURAL DESIGN TRAFFIC: YEAR 2020
PV = 7,920 SU = 713 MU = 238

ROAD/STREET CLASSIFICATION: CLASS II
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%

TRAFFIC FACTOR: ACTUAL TF = 0.217
MINIMUM TF = 0.500

SUBGRADE SUPPORT RATING
IBR = POOR (49+27.35 TO STA. 84+23.20)

MIXTURE TABLE

MIXTURE USE	SURFACE	BINDER	SHOULDER	INCIDENTAL BIT SURF
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
RAP% (MAX.)	15%	15%	15%	15%
DESIGN AIR VOIDS	4% @ N70	4% @ N70	4% @ N70	4% @ N70
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-19.0	IL-19.0	IL-9.5
FRICTION AGG	MIXTURE D		BAM	MIXTURE C

