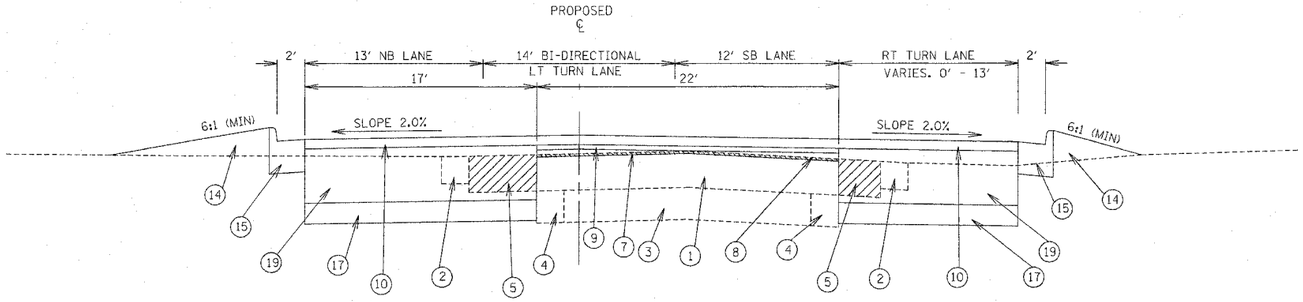
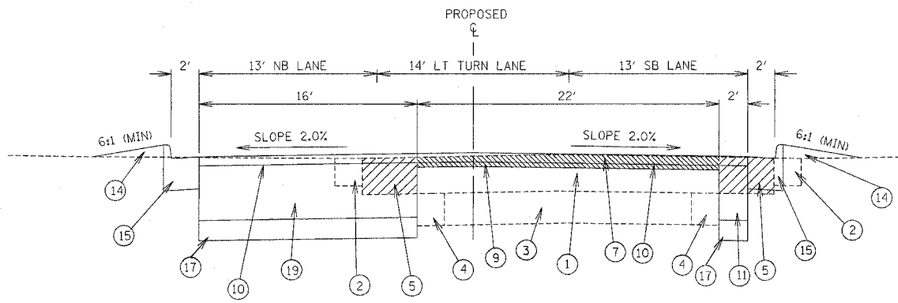
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	18Z & 18Y, RS 28Z	MARION	222	11
STA. 2318+60.19		TO STA. 2324+09.63		
IDOT DIST. NO. 7	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 94700				



TYPICAL SECTION

FROM STATION 2318+60.12
TO STATION 2322+43.19



TYPICAL SECTION

FROM STATION 2322+43.90
TO STATION 2324+04.83

1. EXISTING PAVEMENT
2. EXISTING AGGREGATE SHOULDER-TO BE REMOVED
3. ORIGINAL CONCRETE ROADWAY
4. EXISTING 2' CONCRETE WIDENING
5. EXISTING ASPHALT SHOULDER- REMOVE 11' FROM EXISTING CENTERLINE
6. EXISTING SIDEWALK
7. BITUMINOUS SURFACE REMOVAL (VARIABLE DEPTH)
8. BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19.0, N70- DEPTH VARIES
9. LEVELING BINDER (MACHINE METHOD), SUPERPAVE N90, (MINIMUM 1" & VARIES)
10. BITUMINOUS CONCRETE SURFACE COURSE SUPERPAVE MIXTURE D, N90 1.50"
11. BITUMINOUS CONCRETE BASE COURSE WIDENING, SUPERPAVE, 12"
12. BITUMINOUS SHOULDER , 6½"
13. AGGREGATE SHOULDER, TYPE B, 8"
14. EARTH FILL
15. COMBINATION CONCRETE CURB AND GUTTER, TYPE B6.24
16. EXISTING CONCRETE CURB AND GUTTER
17. SUB-BASE GRANULAR MATERIAL, TYPE B, 12"
18. SUB-BASE GRANULAR MATERIAL, TYPE C
19. BITUMINOUS CONCRETE BASE COURSE SUPERPAVE, 12"

STRUCTURAL DESIGN INFORMATION

STRUCTURAL DESIGN TRAFFIC: YEAR 2015 ADT = 8134
PV = 85.5% SU = 6.6% MU = 7.8%
ROAD / STREET CLASSIFICATION: CLASS II
PERCENT STRUCTURAL DESIGN TRAFFIC IN DEISGN LANE
PV = 0.5 SU = 0.5 MU = 0.5
MINIMUM SOIL SUPPORT: IBR = 2
MINIMUM TRAFFIC FACTOR = 3.81

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS U.S. ROUTE 51

SCALE: VERT.
HORIZ.
DATE 6/27/03

DRAWN BY ALM
CHECKED BY MJM

REVISED 12/20/05