69 STA 143+32, 19.5' LT.
INLET TY B, T8 GRATE
FST ELEV = 580.19
E INVERT = 577.74
N INVERT = 577.80

70 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 13 FOOT
1.538 % GRADE

75 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 92 FOOT
0.304 % GRADE

71 STA 143+34, 35.0' LT.
INLET TY A, T8 GRATE
GRATE ELEV = 580.00
INVERT = 578.00

76 STA 144+27, 19.5' LT.
MH TY A, 4' DIA, T3 F&G
FST ELEV = 579.91
W INVERT = 577.46
E INVERT = 577.36
N INVERT = 577.60

77 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 13 FOOT
3.077 % GRADE

80 STA 145+34, 19.5' LT.
MH TY A, 4' DIA, T3 F&G
FST ELEV = 579.54
W INVERT = 577.06
E INVERT = 577.02
N INVERT = 577.20

79 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 106 FOOT
0.255 % GRADE

78 STA 144+27, 35.0' LT.
INLET TY A, T8 GRATE
GRATE ELEV = 580.00
INVERT = 578.00

81 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 35 FOOT
3.714 % GRADE

88 STORM SEWERS, CLASS A,
TYPE 1 – 15" = 46 FOOT
0.267 % GRADE

89 STA 145+82, 19.5' LT.
MH TY A, 4' DIA, T1 F&CL
FST ELEV = 579.38
W INVERT = 576.90
E INVERT = 576.86
N INVERT = 577.10

90 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 35 FOOT
4.00 % GRADE

91 STORM SEWERS, CLASS A,
TYPE 1 – 15" = 155 FOOT
0.316 % GRADE

92 STA 147+39, 19.5' LT.
MH TY A, 4' DIA, T3 F&G
FST ELEV = 578.85
W INVERT = 576.37
E INVERT = 576.33
N INVERT = 576.60

93 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 13 FOOT
1.538 % GRADE

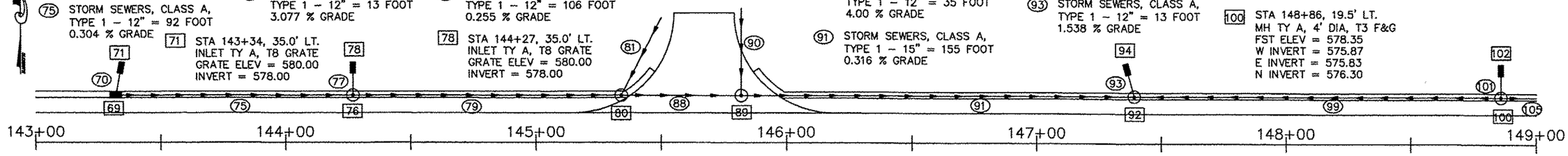
94 STA 147+36, 35.0' LT.
INLET TY A, T8 GRATE
GRATE ELEV = 578.80
INVERT = 576.80

99 STORM SEWERS, CLASS A,
TYPE 1 – 15" = 145 FOOT
0.317 % GRADE

100 STA 148+86, 19.5' LT.
MH TY A, 4' DIA, T3 F&G
FST ELEV = 578.35
W INVERT = 575.87
E INVERT = 575.83
N INVERT = 576.30

101 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 13 FOOT
1.538 % GRADE

102 STA 148+86, 35.0' LT.
INLET TY A, T8 GRATE
GRATE ELEV = 578.50
INVERT = 576.50



73 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 13 FOOT
1.538 % GRADE

74 STA 143+96, 35.0' RT.
INLET TY A, T8 GRATE
GRATE ELEV = 580.00
INVERT = 578.00

72 STA 143+96, 19.5' RT.
INLET TY B, T3 F&G
FST ELEV = 580.01
E INVERT = 577.61
S INVERT = 577.80

82 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 145 FOOT
0.317 % GRADE

83 STA 145+42, 19.5' RT.
MH TY A, 4' DIA, T3 F&G
FST ELEV = 579.52
W INVERT = 577.15
E INVERT = 577.09
S INVERT = 577.30

84 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 25 FOOT
5.20 % GRADE

85 STORM SEWERS, CLASS A,
TYPE 1 – 15" = 36 FOOT
0.306 % GRADE

86 STA 145+80, 19.5' RT.
MH TY A, 4' DIA, T1 F&CL
FST ELEV = 579.39
W INVERT = 576.98
E INVERT = 576.92
S INVERT = 577.10

87 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 25 FOOT
5.20 % GRADE

95 STORM SEWERS, CLASS A,
TYPE 1 – 15" = 205 FOOT
0.346 % GRADE

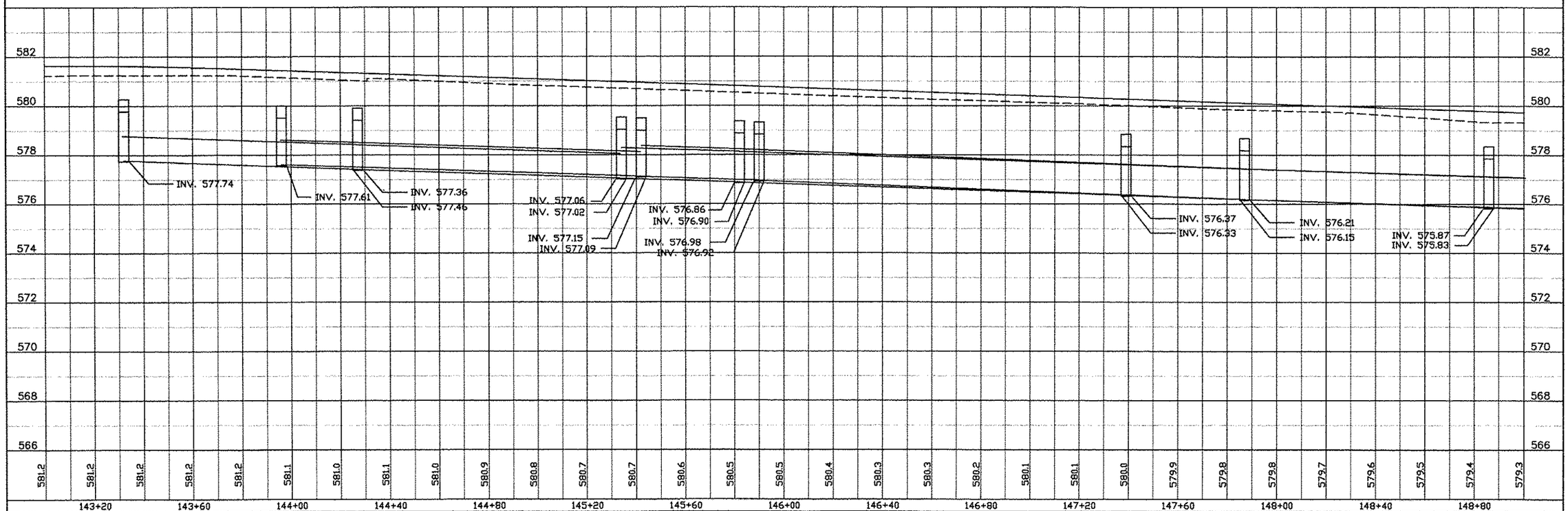
96 STA 147+87, 19.5' RT.
MH TY A, 4' DIA, T3 F&G
FST ELEV = 578.68
W INVERT = 576.21
E INVERT = 576.15
S INVERT = 576.30

97 STORM SEWERS, CLASS A,
TYPE 1 – 12" = 13 FOOT
1.538 % GRADE

98 STA 147+87, 35.0' RT.
INLET TY A, T8 GRATE
GRATE ELEV = 578.30
INVERT = 576.50

103 STORM SEWERS, CLASS A,
TYPE 1 – 15" = 197 FOOT
0.289 % GRADE

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE

SCALE: | SHEET NO. 4 OF 5 SHEETS | STA. 143+00 TO STA. 149+00

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 2705	03-00053-01-WR	MADISON	145	36
		CONTRACT 97509		