FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
586	60R-2,37R-1	MADISON	502	101
STA. 560+00	TO STA. 566+00			
CONTRACT NO. 76301				

27LA
END SECTION, 15"
STA. 560+58, 54' LT.
FL ELEV. = 561.56

27LB
END SECTION, 15"
STA. 561+08, 60' LT.
FL ELEV. = 559.71

28L
MANHOLE TY A 6'
W/ TY 5 CLOSED LID
STA. 562+75, 47.2' LT
GRATE ELEV. = 562.99
FL ELEV. = 551.38

29L
MANHOLE TY A 5' (FST)
W/TY 8 FR & GR
STA. 562+63, 63' LT
GRATE ELEV. = 556.63
FL ELEV. = 553.63

PIPE CULVERTS,
CLASS A 15" - 50'

STORM SEWERS, CLASS A,
TYPE 2, 30" - 25' @ +1.0%

NOTE 3

NOTE 2

PIPE CULVERTS,
CLASS A 15" - 60'

29LA
END SECTION, 15"
STA. 564+95, 55' LT.
FL ELEV. = 556.13

29LB
END SECTION, 15"
STA. 565+55, 55' LT.
FL ELEV. = 552.77

MATCHLINE STA. 560+00

MATCHLINE STA. 566+00

39R

40R
INLET TY A W/
TY 8 FR & GR
STA. 561+20, 50.7' RT
GRATE ELEV. = 559.71
FL ELEV. = 558.47

STORM SEWERS, CLASS A,
TYPE 1, 12" - 16' @ +5.4%

41R

42R NOTE 1

43R

U.I.F. 551.35

D.I. 551.22

MH

CONC

R = RIGHT
L = LEFT
M = MEDIAN

20' 0 20' 40'
SCALE: 1" = 20'

PROPOSED STORM SEWER PROFILE - RIGHT

NOTE 1
IN ORDER TO CONSTRUCT MH (42R & 28L), PORTIONS OF THE EXIST BOX CULVERT AND/OR WING WALL MAY BE REQUIRED TO BE REMOVED. THE REMOVAL OF THOSE PORTIONS, AS SPECIFIED BY THE ENGINEER, WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST FOR THE MH (42R & 28L). DISPOSAL SHALL BE IN ACCORDANCE WITH SECTION 202.03 OF THE STANDARD SPECIFICATIONS.

NOTE 2
PRIOR TO THE PLACEMENT OF THE MANHOLES AND THE CULVERT EXTENSION AT THE 2.5' X 2' BOX CULVERT, THE BOX CULVERT SHALL BE CLEANED AND FREE OF ALL DEBRIS AS DIRECTED BY THE ENGINEER.

CLEANING CULVERTS - 1 EACH

NOTE 3
THE CONTRACTOR SHALL EXCAVATE AND RE-LAY APPROX. 30' OF AN EXISTING 15" PE PIPE AND CONNECT IT TO 29L AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE MANHOLE.

THE CONTRACTOR SHALL EXTEND AN EXISTING 28" PE PIPE WITH 36" WMQ STORM SEWER. A CONCRETE COLLAR SHALL BE UTILIZED FOR THE CONNECTION AS DIRECTED BY THE ENGINEER. COLLAR WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE MANHOLE.

39R
MANHOLE TY A 6'
(FST-4' OPENING)
W/ TY 3V FR & GR
STA. 561+10, 34.9' RT
GRATE ELEV. = 560.78
FL ELEV. = 546.00

41R
MANHOLE TY A 6'
(FST-4' OPENING)
W/ TY 3V FR & GR
STA. 562+50, 34.8' RT
GRATE ELEV. = 560.05
FL ELEV. = 544.62

42R
MANHOLE TY A 6'
(FST-4' OPENING)
W/ TY 3V FR & GR
STA. 563+56.7, 34.8' RT
GRATE ELEV. = 558.91
FL ELEV. = 542.80

43R
MANHOLE TY A 6'
(FST-4' OPENING)
W/ TY 3V FR & GR
STA. 565+15, 34.8' RT
GRATE ELEV. = 555.79
FL ELEV. = 542.38

-0.60%
STORM SEWERS, CLASS A,
TYPE 3, 48" - 116'

-0.71%
STORM SEWERS, CLASS A,
TYPE 3, 48" - 136'

545.03
544.62

-1.88%
STORM SEWERS, CLASS A,
TYPE 3, 60" - 100'

-0.26%
STORM SEWERS, CLASS A,
TYPE 3, 60" - 164'

-0.53%
STORM SEWERS, CLASS A,
TYPE 3, 60" - 152'

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