FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
586	60R-2,37R-1	MADISON	502	103
STA. 572+00	TO STA. 578+00			
CONTRACT NO. 76301				

30L - WORK AT THIS LOCATION SHALL CONSIST OF THE REMOVAL OF THE EXISTING DRAINAGE STRUCTURE AND A PORTION OF THE EXISTING BOX CULVERT NECESSARY TO ACCOMODATE THE PROPOSED INLET. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST FOR THE INLET / GRATE PAY ITEM. THE CONTRACTOR SHALL VERIFY THE ELEVATION OF THE TOP OF THE BOX CULVERT TO DETERMINE THE HEIGHT OF THE INLET BEFORE ORDERING THE NECESSARY MATERIALS.

MATCHLINE STA. 572+00

MATCHLINE STA. 578+00

33L
INLET TY A W/
TY 3V FR & GR
STA. 572+54.3, 22' LT
GRATE ELEV. = 545.11
FL ELEV. = 543.01

34L
END SECTION, 12"
STA. 573+25.4, 25.3' LT
FL ELEV. = 544.40

35L
INLET TY B W/
TY 3V FR & GR
STA. 573+60, 20.1' LT
GRATE ELEV. = 543.96
FL ELEV. = 541.20

30L
INLET TY A W/
TY 8 FR & GR
STA. 577+16, 25' LT
GRATE ELEV. = 543.90
FL ELEV. = UNKNOWN

36L
INLET TY A W/
TY 3V FR & GR
STA. 575+80.16, 18.5' LT
GRATE ELEV. = 542.37
FL ELEV. = 540.27

37L
INLET TY A W/
TY 3V FR & GR
STA. 575+90.16, 18.5' LT
GRATE ELEV. = 542.37
FL ELEV. = 539.82

STORM SEWERS, WATER MAIN QUALITY, TYPE 1, 12" - 33' @ +9.7%

STORM SEWERS, CLASS A, TYPE 2, 12" - 46' @ +1.0%

STORM SEWERS, CLASS A, TYPE 2, 12" - 35' @ +1.0%

STORM SEWERS, CLASS A, TYPE 1, 12" - 10' @ +9.9%

STORM SEWERS, WATER MAIN QUALITY, TYPE 1, 12" - 8' @ +5.6%

STORM SEWERS, WATER MAIN QUALITY, TYPE 2, 12" - 33' @ +1.0%

STORM SEWERS, CLASS A, TYPE 1, 12" - 17' @ +10%

STORM SEWERS, WATER MAIN QUALITY, TYPE 1, 12" - 35' @ +1.0%

15" IRON PIPE

51R
INLET TY A W/
TY 8 FR & GR
STA. 573+63.65, 33' RT
GRATE ELEV. = 545.21
FL ELEV. = 543.61

59R
INLET TY A W/
TY 8 FR & GR
STA. 576+75.4, 32.6' RT
GRATE ELEV. = 543.03
FL ELEV. = 541.70

58R
INLET TY A W/
TY 3V FR & GR
STA. 576+96.9, 62.5' RT
GRATE ELEV. = 543.63
FL ELEV. = 541.13

R = RIGHT
L = LEFT
M = MEDIAN

SCALE: 1" = 20'

PROPOSED STORM SEWER PROFILE - RIGHT

49R
MANHOLE TY A 6'
(FST - 2' OPENING)
W/ TY 3V FR & GR
STA. 572+54, 22' RT
GRATE ELEV. = 545.74
FL ELEV. = 535.49

50R
MANHOLE TY A 6'
(FST - 2' OPENING)
W/ TY 3V FR & GR
STA. 573+60, 19.8' RT
GRATE ELEV. = 545.29
FL ELEV. = 535.23

52R
MANHOLE TY A 6'
(FST - 2' OPENING)
W/ TY 3V FR & GR
STA. 574+93.3, 19.8' RT
GRATE ELEV. = 544.03
FL ELEV. = 534.88

53R
MANHOLE TY A 6'
(FST - 2' OPENING)
W/ TY 3V FR & GR
STA. 575+80.16, 18.5' RT
GRATE ELEV. = 543.63
FL ELEV. = 534.61

54R
MANHOLE TY A 6'
(FST - 2' OPENING)
W/ TY 3V FR & GR
STA. 575+90.16, 18.5' RT
GRATE ELEV. = 543.63
FL ELEV. = 534.59

56R
MANHOLE TY A 6'
(FST - 2' OPENING)
W/ TY 3V FR & GR
STA. 576+75.4, 37' RT
GRATE ELEV. = 543.65
FL ELEV. = 534.35

56R
MANHOLE TY A 6'
(FST - 2' OPENING)
W/ TY 3V FR & GR
STA. 577+26.7, 46' RT
GRATE ELEV. = 544.03
FL ELEV. = 534.16

57R
STA. 577+50, 61' RT
FL ELEV. = 534.12
(STORM SEWER ENDS WITH OPEN END AT CREEK)

STORM SEWERS, CLASS A, TYPE 2, 66" - 101'

STORM SEWERS, CLASS A, TYPE 2, 66" - 128'

STORM SEWERS, CLASS A, TYPE 2, 66" - 81'

STORM SEWERS, CLASS A, TYPE 2, 66" - 77'

STORM SEWERS, WATER MAIN QUALITY, TYPE 2, 66" - 61'

STORM SEWERS, WATER MAIN QUALITY, TYPE 2, 66" - 65'

STORM SEWERS, CLASS A, TYPE 2, 66" - 5' @ -0.30%

-0.25% -0.25% -0.26% -0.30% -0.30% -0.28% -0.06%

	572+00	572+50	573+00	573+50	574+00	574+50	575+00	575+50	576+00	576+50	577+00	577+50	578+00
555													
550													
545													
540													
535													
530													
525													
520	545.52 535.63 545.74	545.39 535.56 545.66	545.27 535.50 545.58	545.15 535.44 545.45	545.02 535.38 545.28	544.83 535.32 545.07	544.62 535.25 544.84	544.39 535.19 544.61	544.11 535.13 544.38	543.86 535.06 544.15	543.62 534.99 543.92	543.42 534.93 543.68	543.24 534.88 543.47	543.08 534.79 543.30	542.89 534.71 543.19	542.95 534.64 543.13	542.93 534.58 543.12	542.96 534.48 543.17	543.11 534.41 543.27	543.25 534.33 543.43	543.46 534.26 543.63	543.71 534.19 543.90	544.03 534.12 544.21	544.40 534.12 544.58	544.79 534.12 545.00	
515																										

DRAINAGE

PLOT DATE: Wednesday December 01, 2004 @ 9:57:37 AM

12/1/2004
Wednesday, December 01, 2004 @ 9:57:37 AM
c:\projects\wed0693\plan\pln085c.dgn LV=1-54,56-63
c:\projects\ref\topo085b.dgn LV=1-63 LV=4-11,20-24,26,28-29,32-47,50-52,54,56-58
c:\projects\ref\topo085c.dgn LV=1-63
c:\projects\ref\file13a.dgn LV=1-63
c:\projects\ref\rc162.2d.dgn LV=1-63
c:\projects\ref\rc162.3d.dgn LV=1-63
c:\projects\ref\rc162.7.2%.42-48.dgn LV=1-63
c:\projects\ref\dtlmpw.dgn LV=1-7,9,12-13,16,18,60,62,63

PLAN / PROFILE
SURVEYED / DRAWN / ALIGNMENT CHECKED / PLAN QUANTITY CHECKED / PROFILE CHECKED / R.H.A. NOTED / STRUCTURE NOTATIONS CHECKED
MATE BOOK NO. / ROAD FILE NAME

BY	DATE