CONTRACT NO. 83980

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1338	05-00083-00-FP	COOK	167	54
STA. 19+50		TO STA. 25+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT M-8003(512)		

48 STA. 20+25.62, 47.92' LT.
MH TO BE RECONSTRUCTED
EXIST. RIM = 769.53
PROP. RIM = 769.47

49 STA. 20+03, 22' RT.
CB T-A, 5' DIA.
SPECIAL F & G
RIM = 769.88
INV = 763.64 (30" E&W)
INV = 766.38 (4" NW)
INV = 765.47 (12" N)

49A STA. 20+03, 22' LT.
INLET T-A
SPECIAL F & G
RIM = 769.44
INV = 765.69 (12" S)
INV = 765.69 (4" SW)

50 STA. 20+04.06, 22.86' RT.
INLET TO BE REMOVED

51 STA. 20+20.98, 33.62' RT.
CB TO BE REMOVED

51A STA. 20+21.66, 21.68' RT.
MH T-A, 6'-DIA.
T-1 FR. C.L.
RIM = 769.78
INV = 763.49 (EX 36" N)
INV = 763.50 (30" W)
INV = 765.91 (15" SE)

52 STA. 20+28.87, 38' RT.
CB T-A, 4'-DIA.
SPECIAL F & G
RIM = 769.19
INV = 766.04 (15" NW&S)

53 STA. 20+21.96, 59.11' RT.
INLET TO BE REMOVED

54 STA. 20+18.45, 106.07' RT.
INLET T-A
T-1 FR., C.L., SPECIAL
RIM = 773.38
INV = 771.20 (EX 12" S)
INV = 769.38 (15" N)

55 STA. 20+65.72, 38.00' RT.
INLET T-A
SPECIAL F & G
RIM = 769.11
INV = 765.36 (12" E)

56 STA. 20+74.31, 36.95' RT.
CB T-A, 4' DIA.
T-1 FR., C.L. SPECIAL
RIM = 769.45
INV = 765.32 (12" NE)
INV = 768.17 (12" S)
INV = 765.34 (12" W)

57 STA. 20+68.33, 108.61' RT.
INLET T-A
T-1 FR., C.L., SPECIAL
RIM = 772.86
INV = 771.33 (EX 12" S)
INV = 768.86 (12" N)

58 STA. 21+10, 22' LT.
INLET T-A
SPECIAL F & G
RIM = 768.81
INV = 765.10 (12" S)

59 STA. 20+95.68, 23.09' RT.
INLET TO BE REMOVED

60 STA. 20+91.86, 32.59' RT.
CB TO BE REMOVED

61 STA. 21+10, 22' RT.
CB T-A, 4'-DIA.
SPECIAL F & G
RIM = 769.25
INV = 764.88 (12" N)
INV = 764.88 (15" E)
INV = 764.97 (12" SW)

62 STA. 22+77, 22.00' LT.
INLET T-A
SPECIAL F & G
RIM = 767.82
INV = 764.07 (12" NE)

63 STA. 22+61.14, 32.54' RT.
INLET TO BE REMOVED

64 STA. 22+61.14, 32.54' RT.
MH T-A, 4' DIA.
T-1 FR. C.L.
RIM = 769.25
INV = 765.53 (EX 4" S)
INV = 764.24 (12" N)

65 STA. 22+61.14, 22' RT.
CB T-A, 4'- DIA.
SPECIAL F & G
RIM = 768.35
INV = 764.21 (12" S)
INV = 764.14 (15" W)
INV = 764.09 (15" E)

66 STA. 23+10, 47.78' LT.
MH T-A, 5' DIA.
T-1 FR. C.L.
RIM = 767.90
INV = 762.45 (EX 42" E)
INV = 762.46 (EX 42" W)
INV = 763.87 (12" S)

67 STA. 23+10, 35.5' LT.
CB T-A, 4' DIA.
T-8 GRATE
RIM = 767.72
INV = 763.91 (12" SW)
INV = 763.91 (12" N)

68 STA. 23+60.58, 47.75' LT.
MH TO BE REMOVED

69 STA. 23+60.58, 47.75' LT.
MH T-A, 6' DIA.
T-1 FR., C.L.
RIM = 767.56
INV = 762.34 (EX 42" W)
INV = 762.24 (EX 42" N)
INV = 763.41 (12" SE)
INV = 762.41 (18" S)

70 STA. 23+51, 22' RT.
CB T-A, 4'-DIA.
SPECIAL F & G
RIM = 767.95
INV = 763.66 (15" E&W)

71 STA. 23+61.02, 22' RT.
CB T-A, 4' DIA.
SPECIAL F & G
RIM = 767.94
INV = 763.08 (18" N)
INV = 763.63 (15" W)
INV = 763.52 (12" E)
INV = 764.44 (4" NE)

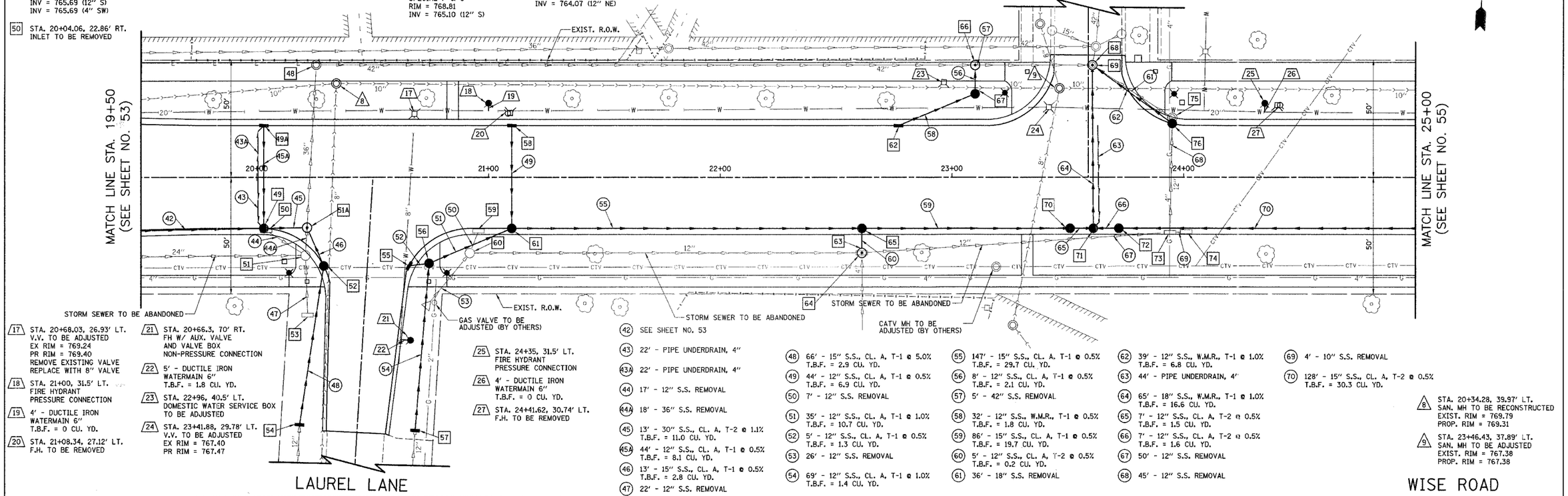
72 STA. 23+72, 22' RT.
CB T-A, 4'-DIA.
SPECIAL F & G
RIM = 767.95
INV = 763.56 (15" E&W)

73 STA. 23+94.19, 23.78' RT.
INLET TO BE REMOVED

74 STA. 24+01.13, 23.49' RT.
INLET TO BE REMOVED

75 STA. 23+95.09, 25.25' LT.
MH TO BE REMOVED

76 STA. 23+95.04, 22.86' LT.
CB T-C
SPECIAL F & G
RIM = 767.55
INV = 763.80 (12" NW)



17 STA. 20+68.03, 26.93' LT.
V.V. TO BE ADJUSTED
EX RIM = 769.24
PR RIM = 769.40
REMOVE EXISTING VALVE
REPLACE WITH 8" VALVE

18 STA. 21+00, 31.5' LT.
FIRE HYDRANT
PRESSURE CONNECTION

19 4' - DUCTILE IRON
WATERMAIN 6"
T.B.F. = 0 CU. YD.

20 STA. 21+08.34, 27.12' LT.
F.H. TO BE REMOVED

21 STA. 20+66.3, 70' RT.
FH W/ AUX. VALVE
AND VALVE BOX
NON-PRESSURE CONNECTION

22 5' - DUCTILE IRON
WATERMAIN 6"
T.B.F. = 1.8 CU. YD.

23 STA. 22+96, 40.5' LT.
DOMESTIC WATER SERVICE BOX
TO BE ADJUSTED

24 STA. 23+41.88, 29.78' LT.
V.V. TO BE ADJUSTED
EX RIM = 767.40
PR RIM = 767.47

25 STA. 24+35, 31.5' LT.
FIRE HYDRANT
PRESSURE CONNECTION

26 4' - DUCTILE IRON
WATERMAIN 6"
T.B.F. = 0 CU. YD.

27 STA. 24+41.62, 30.74' LT.
F.H. TO BE REMOVED

42 SEE SHEET NO. 53

43 22' - PIPE UNDERDRAIN, 4"

43A 22' - PIPE UNDERDRAIN, 4"

44 17' - 12" S.S. REMOVAL

44A 18' - 36" S.S. REMOVAL

45 13' - 30" S.S., CL. A, T-2 @ 1.1%
T.B.F. = 11.0 CU. YD.

45A 44' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 8.1 CU. YD.

46 13' - 15" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 2.8 CU. YD.

47 22' - 12" S.S. REMOVAL

48 66' - 15" S.S., CL. A, T-1 @ 5.0%
T.B.F. = 2.9 CU. YD.

49 44' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 6.9 CU. YD.

50 7' - 12" S.S. REMOVAL

51 35' - 12" S.S., CL. A, T-1 @ 1.0%
T.B.F. = 10.7 CU. YD.

52 5' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 1.3 CU. YD.

53 26' - 12" S.S. REMOVAL

54 69' - 12" S.S., CL. A, T-1 @ 1.0%
T.B.F. = 1.4 CU. YD.

55 147' - 15" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 29.7 CU. YD.

56 8' - 12" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 2.1 CU. YD.

57 5' - 42" S.S. REMOVAL

58 32' - 12" S.S., W.M.R., T-1 @ 0.5%
T.B.F. = 1.8 CU. YD.

59 86' - 15" S.S., CL. A, T-1 @ 0.5%
T.B.F. = 19.7 CU. YD.

60 5' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 0.2 CU. YD.

61 36' - 18" S.S. REMOVAL

62 39' - 12" S.S., W.M.R., T-1 @ 1.0%
T.B.F. = 6.8 CU. YD.

63 44' - PIPE UNDERDRAIN, 4"

64 65' - 18" S.S., W.M.R., T-1 @ 1.0%
T.B.F. = 16.6 CU. YD.

65 7' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 1.5 CU. YD.

66 7' - 12" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 1.6 CU. YD.

67 50' - 12" S.S. REMOVAL

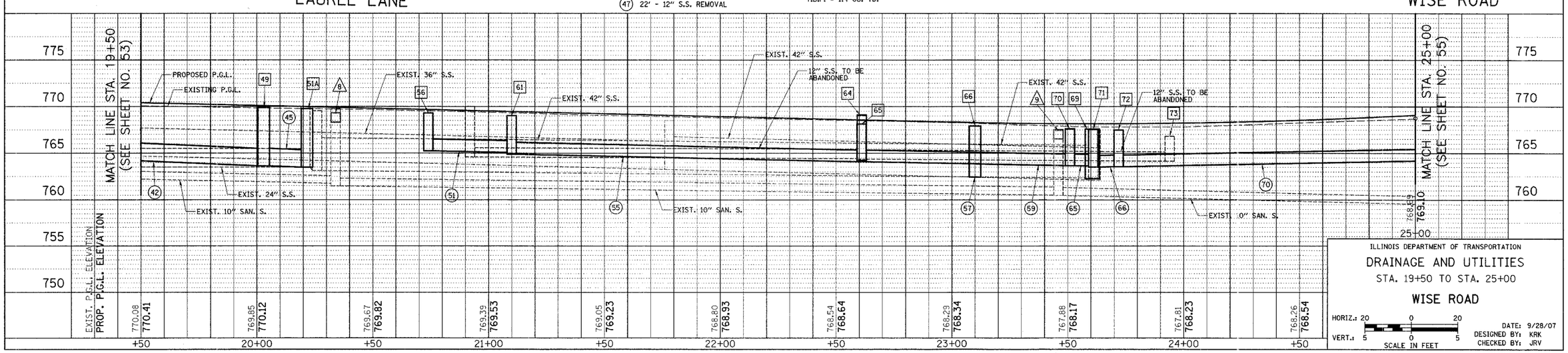
68 45' - 12" S.S. REMOVAL

69 4' - 10" S.S. REMOVAL

70 128' - 15" S.S., CL. A, T-2 @ 0.5%
T.B.F. = 30.3 CU. YD.

8 STA. 20+34.28, 39.97' LT.
SAN. MH TO BE RECONSTRUCTED
EXIST. RIM = 769.79
PROP. RIM = 769.31

9 STA. 23+46.43, 37.89' LT.
SAN. MH TO BE ADJUSTED
EXIST. RIM = 767.38
PROP. RIM = 767.38



ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES

STA. 19+50 TO STA. 25+00

WISE ROAD

HORIZ.: 20 0 20
VERT.: 5 0 5
SCALE IN FEET

DATE: 9/28/07
DESIGNED BY: KRK
CHECKED BY: JRV