

**MANHOLE
JUSTAMERE ROAD**

ST-MH 25 (SEE OAK PARK AVE/147TH ST. FOR PLAN LOCATION)
MANHOLE, TY A, TY 1 FR, CL
4" DIA.
STA. 200+19 11' LT.
RIM = 679.99
INV. 674.00 15" SW & N

**CATCH BASINS
OAK PARK AVENUE CONT.**

ST-CB 36
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 54+35 53.9' LT.
EP = 704.99
INV. 704.75 15" E
705.02 12" S

ST-CB 37
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 56+25 18' LT.
EP = 704.99
INV. 701.63 12" W & E

ST-CB 38
CATCH BASIN, TY C, TY 24 F&G
2" DIA.
STA. 56+25 18' RT.
EP = 704.99
INV. 701.61 12" W

ST-CB 39
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 59+09 20' RT.
EP = 699.72
INV. 696.34 12" W & SE

ST-CB 40
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 59+09 19.1' LT.
EP = 699.92
INV. 696.54 12" SW & E

ST-CB 41
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 62+00 18' RT.
EP = 697.10
INV. 693.72 12" W & E

ST-CB 42
CATCH BASIN, TY C, TY 24 F&G
2" DIA.
STA. 62+00 18' RT.
EP = 697.10
INV. 693.72 12" W

ST-CB 43
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 64+88 18' LT.
EP = 695.19
INV. 691.81 12" W & E

ST-CB 44
CATCH BASIN, TY C, TY 24 F&G
2" DIA.
STA. 64+88 18' RT.
EP = 695.19
INV. 691.81 12" W

ST-CB 45
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 66+00.7 18' LT.
EP = 695.06
INV. 691.68 12" W & E

ST-CB 46
CATCH BASIN, TY A, TY 24 F&G
6" DIA.
STA. 66+00.7 18' RT.
EP = 694.88
INV. 691.15 24"x38" W & E

ST-CB 47
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 67+55 18' LT.
EP = 695.65
INV. 692.98 12" NW & E

ST-CB 48
CATCH BASIN, TY C, TY 24 F&G
2" DIA.
STA. 67+55 18' RT.
EP = 695.47
INV. 692.92 12" W

ST-CB 49
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 71+00 18' LT.
EP = 696.46
INV. 693.39 12" W & E

ST-CB 50
CATCH BASIN, TY C, TY 24 F&G
2" DIA.
STA. 71+00 18' RT.
EP = 696.64
INV. 693.00 12" E & W

ST-CB 51
CATCH BASIN, TY A, TY 8 F&G
4" DIA.
STA. 71+00 26' RT.
RIM = 695.70
INV. 692.94 12" W & N

**CATCH BASINS
151st STREET**

ST-CB 53 (SEE OAK PARK AVE SHT. NO. FOR PLAN LOCATION)
CATCH BASIN, TY A, TY 24 F&G
4" DIA.
STA. 120+28 56' RT.
RIM = 694.44
INV. 691.65 15" NE
691.99 12" S

**CATCH BASINS
JUSTAMERE ROAD**

ST-CB 55 (SEE OAK PARK AVE/147TH ST. FOR PLAN LOCATION)
CATCH BASIN, TY A, TY 8 F&G
4" DIA.
STA. 200+92 28' RT.
RIM = 677.38
INV. 673.27 12" N
675.55 12" W

ST-CB 56
CATCH BASIN, TY A, TY 8 F&G
4" DIA.
STA. 203+30 28.2' RT.
RIM = 672.73
INV. 668.53 12" N & S
670.23 12" W

ST-CB 57
CATCH BASIN, TY A, TY 8 F&G
4" DIA.
STA. 204+19 23.8' RT.
RIM = 670.55
INV. 667.18 12" N & S

ST-CB 58
CATCH BASIN, TY A, TY 8 F&G
6" DIA.
STA. 204+29 23.8' RT.
RIM = 670.16
INV. 667.00 12" N & S

**FLARED END SECTION
151st STREET**

ST-FES 5 (SEE OAK PARK AVE SHT. NO. FOR PLAN LOCATION)
RCP 15"
STA. 120+61 44' RT.
INV. 692.00

**INLETS
JUSTAMERE ROAD**

ST-IN 23 (SEE OAK PARK AVE/147TH ST. FOR PLAN LOCATION)
INLET, TY A, TY 24 F&G
STA. 200+92 18.8' RT.
EP = 678.13
INV. 675.63 12" E

ST-IN 24
INLET, TY A, TY 24 F&G
STA. 203+30 17' RT.
EP = 673.98
INV. 671.19 12" E

**STORM SEWER PIPES
OAK PARK AVENUE CONT.**

ST-P 85
7 L.F. OF 12" STSW, TY 1 @ 2.57%
T.B.F. = 0.9 C.Y.

ST-P 86
33 L.F. OF 12" STSW, TY 1 @ 0.61%
T.B.F. = 4.4 C.Y.

ST-P 87
113 L.F. OF 24"x38" E STSW, TY 1 @ 0.27%
T.B.F. = 14.7 C.Y.

ST-P 88
8 L.F. OF 12" STSW, TY 1 @ 1.00%

ST-P 89
7 L.F. OF 12" STSW, TY 1 @ 3.29%
T.B.F. = 0.9 C.Y.

ST-P 90
33 L.F. OF 24"x38" E STSW, TY 1 @ 0.64%
T.B.F. = 4.3 C.Y.

ST-P 91
5 L.F. OF 24"x38" E STSW, TY 1 @ 0.46%

ST-P 92
154 L.F. OF 15" STSW, TY 1 @ 0.52%
T.B.F. = 18.6 C.Y.

ST-P 93
27 L.F. OF 12" STSW, TY 1 @ 1.00%
T.B.F. = 1.3 C.Y.

ST-P 94
7 L.F. OF 12" STSW, TY 1 @ 0.50%
T.B.F. = 0.9 C.Y.

ST-P 95
33 L.F. OF 12" STSW, TY 1 @ 0.50%
T.B.F. = 4.4 C.Y.

ST-P 96
11 L.F. OF 12" STSW, TY 1 @ 1.00%

ST-P 97
39 L.F. OF 12" STSW, TY 2 @ 1.00%
T.B.F. = 5.1 C.Y.

ST-P 98
6 L.F. OF 12" STSW, TY 1 @ 1.00%

ST-P 99
80 L.F. OF 12" STSW, TY 1 @ 1.00%

ST-P 100
15 L.F. OF 12" STSW, TY 1 @ 1.00%
T.B.F. = 1.0 C.Y.

ST-P 101
29 L.F. OF 15" STSW, TY 1 @ 1.00%
T.B.F. = 0.8 C.Y.

ST-P 102
120 L.F. OF 15" STSW, TY 1, WATER MAIN,
QUALITY @ 0.50%
T.B.F. = 14.5 C.Y.

ST-P 103
5 L.F. OF 15" STSW, TY 1 @ 0.50%
T.B.F. = 0.6 C.Y.

ST-P 104
76 L.F. OF 15" STSW, TY 2 @ 0.16%
T.B.F. = 21.1 C.Y.

ST-P 105
154 L.F. OF 15" STSW, TY 2 @ 0.16%
T.B.F. = 54.2 C.Y.

ST-P 106
8 L.F. OF 12" STSW, TY 1 @ 1.0%
T.B.F. = 0.6 C.Y.

ST-P 107
6 L.F. OF 12" STSW, TY 1 @ ???
T.B.F. = 0.9 C.Y.

ST-P 108
30 L.F. OF 4" STSW, TY 1, WATER MAIN QUALITY
@ 1.00%
T.B.F. = 1.0 C.Y.

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2774	99-00073-00-WR	COOK	116	11
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS		FED AID PROJECT	
			CMM-7003 (750)	

CONTRACT NO. 83727

**STORM SEWER PIPES
JUSTAMERE ROAD**

ST-P 105
SEE OAK PARK AVE/147TH ST. SHT. NO.

ST-P 108
237 L.F. OF 12" STSW, TY 1 @ 2.0%
T.B.F. = 14.6 C.Y.

ST-P 109
10 L.F. OF 12" STSW, TY 1 @ 9.6%

ST-P 110
89 L.F. OF 12" STSW, TY 1 @ 1.5%

ST-P 111
9 L.F. OF 10" STSW, TY 1 @ 2.0%
T.B.F. = 1.2 C.Y.

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CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	4-28-06	PER IDOT AND COOK COUNTY COMMENTS
* - REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS			

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 Plainfield, Illinois 815.609.7435

**CITY OF OAK FOREST, ILLINOIS
OAK PARK AVENUE PROJECT**

**OAK PARK AVENUE, JUSTAMERE ROAD
AND 151st STREET
DRAINAGE STRUCTURE SCHEDULE**

DESIGNED BY NJP	SCALE NONE
DRAWN BY LKB	PROJECT NO. 020146
CHECKED BY NJP	SHEET NO.
DATE 1-20-05	11 OF 116