

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	537 R-1	COOK	245	89
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS	FED. AID PROJECT	

CONTRACT # 62880

DRAWING NO. DU-5
STA 427+00 TO STA 441+00

- 431R STA 431+57.0, 62.1' RT
MANHOLE, TYPE A, 5' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 705.17
INV EL 697.17 (24" N)
INV EL 697.29 (24" E)
- 433L STA 433+10.1, 49.5' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 704.78
INV EL 699.78
- 433L4 STA 433+25.1, 9.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 23 FRAME & GRATE
RIM EL 704.93
INV EL 700.00
- 433R STA 433+25.08, 52.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 704.70
INV EL 699.43 (12" N,S,E)
- 433R2 STA 433+25.08, 61.8' RT
MANHOLE, TYPE A, 5' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 705.70
INV EL 698.11 (24" W)
INV EL 698.63 (18" SE)
INV EL 699.37 (12" N)
- 433R1 STA 433+35.08, 52.11' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 704.70
INV EL 699.43
- 433L6 STA 433+07.8, 58.3' LT
MANHOLE, TYPE A, 4' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 705.01
INV EL 697.40 (24" W)
INV EL 697.50 (24" E)
INV EL 698.50 (12" S)
- 433L5 STA 433+35.08, 9.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 23 FRAME & GRATE
RIM EL 704.93
INV EL 700.06
- 433L1 STA 433+30.1, 51.1' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 704.20
INV EL 699.62 (12" E,W)

- 433L3 STA 433+38.7, 61.4' LT
MANHOLE, TYPE A, 6' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 704.91
INV EL 697.55 (24" W)
INV EL 697.67 (24" E)
INV EL 698.32 (15" NE)
INV EL 699.51 (12" S)
- 433L2 STA 433+40.1, 53.8' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 704.20
INV EL 699.55 (12" W,N)
- 435R3 STA 435+92.1, 9.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 23 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 705.19
INV EL 702.00 (12" E)
INV EL 701.90 (12" W)
- 435L STA 435+55.98, 52.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 704.03
INV EL 701.69
- 435L1 STA 435+65.98, 52.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 704.03
INV EL 701.49 (12" W)
INV EL 701.39 (12" NE)
- 436R3 STA 436+02.1, 9.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 23 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 705.18
INV EL 702.18 (12" W)
- 435R1 STA 435+65.98, 52.1' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 704.53
INV EL 702.00
- 435R2 STA 435+78.1, 52.0' RT
MANHOLE, TYPE A, 4' DIA.
W/ TYPE 1 FRAME, CLOSED LID
& WITH FLAT SLAB TOP
RIM EL 705.00
INV EL 701.00 (15" SW)
INV EL 701.20 (12" E)
INV EL 701.50 (12" W)

- 435R5 STA 435+78.09, 9.00' RT
MANHOLE, TYPE A, 4' DIA.
W/ TYPE 1 FRAME, CLOSED LID
& WITH FLAT SLAB TOP
RIM EL 705.24
INV EL 700.50 (18" N)
INV EL 700.60 (15" S)
INV EL 701.60 (12" E)
- 435L2 STA 435+78.1, 60.34' LT
MANHOLE, TYPE A, 5' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 704.95
INV EL 698.85 (24" W)
INV EL 699.37 (18" E,S)
INV EL 699.62 (12" SW)
- 435R STA 435+95.3, 52.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 704.83
INV EL 701.53 (12" E)
INV EL 701.43 (12" W)
- 436R2 STA 436+05.4, 52.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 704.83
INV EL 701.73 (12" E)
INV EL 701.63 (12" W)
- 436L STA 436+25.09, 52.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 704.97
INV EL 700.01 (12" N,SE)
- 436L1 STA 436+25.09, 60.13' LT
MANHOLE, TYPE A, 4' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 705.47
INV EL 699.59 (18" W)
INV EL 699.71 (18" E)
INV EL 699.96 (12" SE)
- 436R1 STA 436+70.00, 9.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 23 FRAME & GRATE
RIM EL 705.69
INV EL 700.73
- 436R STA 436+84.87, 50.97' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 705.45
INV EL 702.44
- 437L STA 437+25.1, 52.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 705.72
INV EL 700.72

- 437L1 STA 437+25.09, 60.0' LT
MANHOLE, TYPE A, 4' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 705.81
INV EL 70.19 (18" W)
INV EL 700.31 (18" E)
INV EL 700.68 (12" S)
- 438L1 STA 438+75.1, 59.0' LT
MANHOLE, TYPE A, 4' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 707.33
INV EL 701.04 (18" W)
INV EL 701.31 (15" E)
INV EL 701.56 (12" S)
- 438L STA 438+75.1, 52.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 706.84
INV EL 701.59 (12" N,S)
- 438R1 STA 438+75.1, 6.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 8 GRATE
RIM EL 707.41
INV EL 702.13 (12" N,S)
- 438R STA 438+75.1, 40.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
& WITH FLAT SLAB TOP
RIM EL 707.09
INV EL 703.43
- 440R STA 440+75.1, 40.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 708.58
INV EL 703.58
- 440 STA 440+75.1, CENTERLINE
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 8 GRATE
RIM EL 709.08
INV EL 703.22 (12" N,S)
- 440L STA 440+75.1, 44.75' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 708.49
INV EL 702.81 (12" N,S)
- 440L1 STA 440+75.1, 54.50' LT
MANHOLE, TYPE A, 4' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 708.61
INV EL 702.41 (15" E)
INV EL 702.75 (12" S)

DRAWING NO. DU-6
STA 441+00 TO 94TH AVENUE

- 442L STA 441+99.8, 46.3' LT
MANHOLE, TYPE A, 4' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 709.89
INV EL 703.02 (15" W)
INV EL 703.90 (12" W)
- 442R STA 442+00.0, 11.57' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 23 FRAME & GRATE
RIM EL 709.98
INV EL 704.98
- 444L STA 444+86.08, 34.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 709.15
INV EL 704.15
- ADJ STA 445+26.98, 37.51' LT
ADJUST EXISTING MANHOLE
W/ NEW TYPE 1 FRAME, CL
RIM EL 707.60 (EXISTING)
RIM EL 708.67 (PROPOSED)
INV EL 692.05 (E,W-MAINTAIN EX)
INV EL 701.82 (12" S)
INV EL 703.41 (12" SW)
- 445R STA 445+25.09, 46.0' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 708.42
INV EL 703.42
- 447L1 STA 447+11.89, 38.41' LT
MANHOLE, TYPE A, 5' DIA.
W/ TYPE 1 FRAME, CLOSED LID
RIM EL 705.03
INV EL 690.92 (27" W)
INV EL 690.88 (27" E)
INV EL 698.58 (12" NE)
CONSTRUCT ON EXISTING 27" SS
- 447L STA 447+20.0, 42.22' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 704.80
INV EL 698.68 (12" S)
INV EL 698.58 (12" SW)
- 447L2 STA 447+20.0, 3.0' LT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 23 FRAME & GRATE
RIM EL 705.29
INV EL 699.04 (12" S,N)
- 447R STA 447+20.0, 53.57' RT
CATCH BASIN, TYPE A, 4' DIA.
W/ TYPE 24 FRAME & GRATE
RIM EL 704.57
INV EL 699.57



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REVISIONS	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 (159TH ST) AT US RTE 45 (LAGRANGE RD)

**US RTE 6 (159TH STREET)
DRAINAGE NOTES**

SCALE: N/A
DATE: 7-07-06

DRAWN BY: JTF
CHECKED BY: OJU

McDonough Associates Inc.
Engineers / Architects

Rev. 11-1-06