F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1285	02-00075-00-PV	COOK	161	54
STA. _____		TO STA._____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63083

DRAWING NO. DU-6
STA. 231+50 TO STA. 237+50

(212)
STATION=234+00.00, 2.36 RT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=747.82
INV. W=739.48
INV. E=739.48
INV. S=742.83
INV. N=739.98

[212]

332 FT 24" @ 0.22% - SST2

(211)
STATION=234+00.00 18.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.59
INV. S=740.09

[211]

11 FT 12" @ 1.00% - SST2

(210)
STATION=234+00.00, 18.00 RT
CATCH BASIN, TYPE C, 2'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.59
INV. N=743.00

[210]

17 FT 12" @ 1.00% - SST2

(209)
STATION=235+80.48 2.47 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=746.00
INV. E=739.80
INV. W=739.80
INV. N=740.00
INV. S=740.37

[209]

175 FT 24" @ 0.18% - SST1

(208)
STATION=235+80.21, 18.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.61
INV. W=740.11
INV. W=740.11
INV. S=740.11

[208]

11 FT 12" @ 0.50% - SST2

(207)
STATION=235+36.32, 18.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.95
INV. E=740.51

[207]

40 FT 12" @ 1.00% - SST1

(206)
STATION=235+98.34, 18.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.55
INV. W=740.25

[206]

14 FT 12" @ 1.00% - SST2

(205)
STATION=235+81.10, 23.80 RT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=745.72
INV. N=740.59
INV. W=740.59
INV. E=740.59

[205]

22 FT 15" @ 1.00% - SST2

(204)
STATION=235+98.06, 23.65 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=746.59
INV. E=740.72
INV. W=740.72

[204]

13 FT 12" @ 1.00% - SST1

(203)
STATION=236+15.89, 18.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.53
INV. W=740.88

[203]

16 FT 12" @ 1.00% - SST1

(202)
STATION=235+66.86, 23.92 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.80
INV. W=740.71
INV. E=740.71

[202]

10 FT 12" @ 1.00% - SST2

(201)
STATION=235+36.32, 18.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.95
INV. E=741.00

[201]

29 FT 12" @ 1.00% - SST1

DRAWING NO. DU-7
STA. 237+50 TO STA. 239+40.12

(200)
STATION=239+09.00, 2.02 LT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=746.59
INV. W=740.40
INV. E=740.40 (EX)

[200]

324 FT 15" @ 0.19% - SST2

(237)
STATION=219+02.69, 35.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.20
INV. E=743.11

[237]

11 FT 12" @ 1.00% - SST1

(238)
STATION=219+17.69 35.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.27
INV. W=743.00
INV. NE=743.00

[238]

20 FT 12" @ 1.00% - SST2

(240)
STATION=219+20.09, 57.11 LT
CATCH BASIN, TYPE A, 5'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.70
INV. NE=744.30
INV. SW=742.82
INV. SE=740.47

(239)
STATION=219+34.52, 76.86 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.70
INV. SW=744.50

[239]

20 FT 12" @ 1.00% - SST2

DRAWING NO. DU-8
STA. 51+35.35 TO STA. 57+00

(21)
STATION=51+47.44, 1.46 RT
MANHOLE, TYPE A, 4' DIA.,
TYPE 1 FRAME, CLOSED LID,
RIM=750.14
INV. NW=740.90
INV. NE=741.90
INV. W=737.41 (EX)
INV. N=737.41 (EX)

(20)
STATION=51+61.88, 19.50 RT
CATCH BASIN, TYPE C, 2'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.37
INV. W=742.10

[20]

20 FT 12" @ 1.00% - SST2

(18)
STATION=51+73.08, 11.97 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=750.68
INV. W=743.65
INV. N=743.20
INV. SE=740.99

[18]

29 FT 24" @ 0.30% - SST2

(17)
STATION=51+73.08, 16.96 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.50
INV. E=743.73

[17]

5 FT 12" @ 1.00% - SST2

(16)
STATION=53+89.39, 13.75 LT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=749.85
INV. E=744.32
INV. W=744.32
INV. N=743.82
INV. S=743.82

[16]

206 FT 18" @ 0.30% - SST2

(15)
STATION=53+89.38 24.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.56
INV. N=744.90
INV. E=744.40

[15]

8 FT 12" @ 1.00% - SST2

(14)
STATION=54+04.28, 24.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.75
INV. S=745.01

[14]

11 FT 12" @ 1.00% - SST2

(13)
STATION=53+89.40, 24.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.56
INV. N=745.18
INV. W=744.64

[13]

32 FT 12" @ 1.00% - SST2

(12)
STATION=54+04.40, 24.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.75
INV. S=745.29

[12]

11 FT 12" @ 1.00% - SST1

(11)
STATION=54+74.96, 12.00 LT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=750.17
INV. NW=744.32
INV. S=744.07

[11]

82 FT 15" @ 0.30% - SST1

(10)
STATION=54+86.75, 35.85 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.69
INV. SE=744.55

[10]

23 FT 12" @ 1.00% - SST1

DRAWING NO. DU-9
STA. 57+00 TO STA. 61+20.49

(32)
STATION=57+30.47, 0.38 RT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=750.91
INV. N=740.74
INV. W=741.50
INV. E=741.50

[32]

71 FT 12" @ 1.00% - SST2

(31)
STATION=57+14.80, 33.24 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.06
INV. E=741.81

[31]

31 FT 12" @ 1.00% - SST2

(30)
STATION=57+29.90, 26.55 RT
CATCH BASIN, TYPE A, 5'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.31
INV. W=741.71

[30]

21 FT 12" @ 1.00% - SST2

(59)
STATION=58+59.39, 36.23 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.66
INV. SW=740.62

[59]

59 FT 12" @ 1.00% - SST2

(58)
STATION=59+50.00, 0.86 RT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=749.47
INV. E=743.72
INV. W=740.50
INV. N=739.10
INV. S=737.38

[58]

137 FT 30" @ 0.40% - SST2

(57)
STATION=59+47.04, 42.01 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.64
INV. S=743.65
INV. E=740.89

[57]

39 FT 12" @ 1.00% - SST2

(56)
STATION=59+18.39, 40.02 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.14
INV. N=743.90

[56]

25 FT 12" @ 1.00% - SST2

(55)
STATION=59+39.56, 23.50 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.16
INV. S=743.93
INV. W=743.93

[55]

21 FT 12" @ 1.00% - SST2

(54)
STATION=59+26.25, 23.50 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=738.18
INV. N=743.89

[54]

9 FT 12" @ 1.00% - SST2

(53)
STATION=60+44.96, 0.25 RT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=749.60
INV. N=739.29
INV. S=739.29
INV. W=740.48
INV. E=741.29

[53]

95 FT EX 15" @ 0.20%

(52)
STATION=60+44.97, 26.50 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.07
INV. N=741.52
INV. E=740.71

[52]

23 FT 12" @ 1.00% - SST2

(51)
STATION=60+60.08, 26.50 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.04
INV. S=743.63

[51]

11 FT 12" @ 1.00% - SST2

(50)
STATION=50+44.96, 25.50 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.07
INV. N=741.48
INV. E=741.48

[50]

19 FT 12" @ 1.00% - SST2

(49)
STATION=60+60.00, 25.50 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.04
INV. S=743.59

[49]

11 FT 12" @ 1.00% - SST2

(48)
STATION=61+20.40, 0.26 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=750.02
INV. NE=739.61 (EX)
INV. N=739.61
INV. S=739.61

[48]

70 FT 24" @ 0.46% - SST2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

VILLAGE OF PALATINE
PALATINE ROAD & PLUM GROVE ROAD RECONSTRUCTION
SMITH STREET TO US 14 (NORTHWEST HIGHWAY)

DRAINAGE CALLOUTS

SCALE: VERT. HORIZ.
DATE OCTOBER 19, 2009
DRAWN BY
CHECKED BY