F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1285	02-00075-00-PV	COOK	161	53
STA. _____		TO STA._____		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63083

DRAWING NO. DU-1
STA. 202+83.31 TO STA. 207+50

(100)
STATION=203+04.47, 18.82 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=746.05
INV. S=740.50

[100]

19 LF 12" @ 1.00% - SST2

(101)
STATION=203+04.56, 16.03 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=746.05
INV. N=736.75

[101]

10 FT 12" @ 1.00 - SST2

(102)
STATION=203+04.52, 1.31 RT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=746.14
INV. N=740.31
INV. S=736.65
INV. W=734.78 (EX)
INV. E=734.76 (EX)

[102]

116 FT EX. 36" @ 0.26% - SST2

(103)
STATION=204+25.00, 15.06 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=746.59
INV. S=741.26

[103]

12 FT 12" @ 1.00% - SST2

(104)
STATION=204+25.00, 20.04 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=746.41
INV. N=736.59

[104]

14 FT 12" @ 1.00% - SST2

(105)
STATION=204+25.00, 1.29 RT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=746.94
INV. N=741.14
INV. S=736.45
INV. E=734.46 (EX)
INV. W=734.45 (EX)

[105]

171 FT EX. 36" @ 0.26% - SST2

(106)
STATION=205+84.34, 46.66 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.04
INV. W=737.11

[106]

18 FT 12" @ 1.00% - SST2

(107)
STATION=206+06.35, 46.78 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.11
INV. S=736.43
INV. W=736.93

[107]

43 FT 12" @ 1.00% - SST2

(108)
STATION=206+00.69, 1.24 RT
MANHOLE, TYPE A, 5' DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.10
INV. N=736.00
INV. W=734.00
INV. S=734.00 (EX)

DRAWING NO. DU-2
STA. 207+50 TO STA. 213+50

(300)
STATION=207+50.00, 24.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=746.81
INV. E=739.48

[300]

15 FT 12" @ 1.00% - SST2

(301)
STATION=207+50.00, 24.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=746.81
INV. N=739.58

[301]

25 FT 12" @ 1.00% - SST2

(302)
STATION=207+50.00, 5.07 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=747.27
INV. N=739.33
INV. S=739.33
INV. W=737.33

[302]

166 FT 36" @ 0.46% - SST2

(303)
STATION=208+96.77, 39.85 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.67
INV. E=739.13

[303]

19 FT 12" @ 1.00% - SST2

(304)
STATION=209+53.81, 40.13 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.47
INV. W=741.18

[304]

27 FT 12" @ 1.00% - SST2

(305)
STATION=209+20.49, 39.96 LT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=747.68
INV. N=736.77
INV. W=738.94
INV. E=740.91
INV. S=736.72

[305]

30 FT 15" @ 1.00% - SST2

(307)
STATION=209+20.71, 6.27 LT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.23
INV. N=736.57
INV. W=736.57
INV. S=736.57

[307]

60 FT 36" @ 0.28% - SST2

(308)
STATION=209+26.84, 57.84 RT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=747.31
INV. N=736.40
INV. S=736.40 (EX)

(500)
STATION=211+40.00, 24.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=746.50
INV. E=740.95

[500]

6 FT 12" @ 1.00% - SST2

(501)
STATION=211+50.00, 24.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.53
INV. S=740.89
INV. W=740.89

[501]

15 FT 12" @ 1.00% - SST2

(502)
STATION=211+35.00, 36.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.26
INV. E=742.00

[502]

11 FT 12" @ 1.0% - SST2

(503)
STATION=211+50.00, 36.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=745.29
INV. W=741.89
INV. E=741.89

[503]

3 FT 12" @ 1.0% - SST2

(504)
STATION=211+57.00, 36.00 RT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=745.31
INV. N=739.53
INV. S=(CONNECT EX)
INV. W=741.86

[504]

38 FT 15" @ 1.00% - SST2

(505)
STATION=211+56.38, 5.00 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=746.01
INV. N=740.74
INV. S=739.15
INV. E=737.98

[505]

77 FT 24" @ 0.55% - SST2

(506)
STATION=212+38.17, 6.43 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=747.14
INV. W=737.56
INV. E=737.56
INV. N=(CONNECT EX)

[506]

12 FT 24" @ 0.50% - SST2

(708)
STATION=212+55.91, 6.16 LT
MANHOLE, TYPE A, 6'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=747.61
INV. W=737.50
INV. E=736.50
INV. N=736.50 (EX)
INV. S=736.50 (EX)

(708A)
STATION=212+99.90, 6.08 LT
MANHOLE, TYPE A, 6'-DIA.,
PRECAST FLAT SLAB TOP
TYPE 1 FRAME, CLOSED LID
RIM=748.86
INV. W=736.54
INV. E=736.54
INV. N=745.40
INV. S=738.67

[708A]

39 FT 42" @ 0.10% - SST2

(707)
STATION=213+00.00, 46.25 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.97
INV. N=739.15

[707]

48 FT 12" @ 1.00% - SST2

(706)
STATION=213+00.00, 27.24 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.35
INV. S=745.58

[706]

18 FT 12" @ 1.00% - DIP

DRAWING NO. DU-3
STA. 213+50 TO STA. 219+50

(705)
STATION=215+85.71, 5.53 LT
MANHOLE, TYPE A, 7'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=750.94
INV. N=736.83
INV. S=740.03
INV. NW=740.03
INV. W/E=736.83

[705]

280 FT 42" @ 0.10% - SST2

(704)
STATION=218+16.61, 6.02 LT
MANHOLE, TYPE A, 7'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.38
INV. NW=742.66
INV. W=737.05
INV. S=742.66
INV. E=737.05

[704]

224 FT 42" @ 0.10% - SST2

(703)
STATION=217+89.30, 35.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.66
INV. W=745.90
INV. SE=743.00

[703]

34 FT 12" @ 1.00% - SST2

(702)
STATION=217+74.30, 35.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.71
INV. E=747.00

[702]

11 FT 12" @ 1.00% - SST2

(701)
STATION=218+09.30, 35.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 1 FRAME, AND GRATE
RIM=747.74
INV. W=743.60
INV. N=743.02

[701]

36 FT 12" @ 1.00% - SST2

(700)
STATION=217+94.31, 35.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 1 FRAME, AND GRATE
RIM=747.70
INV. W=743.71

[700]

11 FT 12" @ 1.00% - SST2

[241]

147 FT EX. 36" @ 0.31%

DRAWING NO. DU-4
STA. 219+50 TO STA. 225+50

(241A)
STATION=220+10.14, 5.78 LT
MANHOLE, TYPE A, 6'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.27
INV. N=742.57
INV. S=742.57
INV. E=737.54
INV. W=737.54

[241A]

34 FT 42" @ 0.10% - SST2

(241)
STATION=219+69.69, 5.88 LT
MANHOLE, TYPE A, 7'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.40
INV. NW=739.82
INV. W=737.50
INV. E=737.50

[240]

64 FT 15" @ 1.00% - SST2

(236)
STATION=220+10.21, 35.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.61
INV. E=743.33
INV. SW=742.81

[236]

24 FT 12" @ 1.00% - SST2

(235)
STATION=220+25.06, 35.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.57
INV. W=743.44

[235]

11 FT 12" @ 1.00% - SST2

(234)
STATION=220+22.25, 35.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.61
INV. NW=742.93
INV. E=743.50

[234]

36 FT 12" @ 1.00% - SST2

(233)
STATION=220+37.25, 35.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=747.62
INV. W=743.61

[233]

11 FT 12" @ 1.00% - SST1

(232)
STATION=222+44.92, 5.17 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.26
INV. N=738.12
INV. W=737.77
INV. E=737.77

[232]

230 FT 42" @ 0.10% - SST2

(231B)
STATION=222+28.65, 42.44 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 1 FRAME, AND GRATE
RIM=748.00
INV. E=742.00

[231B]

12 FT 12" @ 1.00% - SST2

(231A)
STATION=222+55.14, 42.72 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 1 FRAME, AND GRATE
RIM=748.11
INV. W=741.94

[231A]

6 FT 12" @ 1.00% - SST2

(231)
STATION=220+44.79, 42.61 LT
MANHOLE, TYPE A, 4'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.31
INV. N=738.78 (EX)
INV. S=738.78
INV. E=741.88
INV. W=741.88

[231]

33 FT 12" @ 2.00% - SST2

(230)
STATION=223+80.24, 5.24 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.84
INV. N=745.29
INV. S=740.67
INV. W=737.90
INV. E=737.90

[230]

130 FT 42" @ 0.10% - SST2

(229)
STATION=223+80.21, 18.14 LT
CATCH BASIN, TYPE C, 2'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.50
INV. S=739.95
INV. W=745.39

[229]

10 FT 12" @ 1.00% - SST2

(228)
STATION=223+67.71, 18.13 LT
CATCH BASIN, TYPE C, 2'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.56
INV. E=745.50

[228]

11 FT 12" @ 1.00% - SST2

(227)
STATION=223+80.22, 31.84 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.22
INV. N=741.00
INV. W=741.00

[227]

33 FT 12" @ 1.00% - SST2

(226)
STATION=223+67.73, 32.25 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.27
INV. E=741.11

[226]

11 FT 12" @ 1.00% - SST2

DRAWING NO. DU-5
STA. 225+50 TO STA. 231+50

(225)
STATION=226+35.95, 5.00 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=752.55
INV. W=738.15
INV. E=738.15

[225]

251 FT 42" @ 0.10% - SST2

(224)
STATION=228+94.74, 4.41 LT
MANHOLE, TYPE A, 6'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=752.96
INV. N=738.40
INV. NW=747.02
INV. E=738.40
INV. W=738.40

[224]

253 FT 42" @ 0.10% - SST2

(223)
STATION=228+77.07, 18.93 LT
CATCH BASIN, TYPE C, 2'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.67
INV. SE=747.20

[223]

18 FT 12" @ 1.00% - SST2

(222)
STATION=228+95.31, 37.19 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=751.04
INV. E=744.80
INV. NW=744.80
INV. N= (EX)
INV. S=738.48

[222]

27 FT 30" @ 0.30% - SST2

(221)
STATION=228+90.37, 43.16 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.93
INV. SE=745.40

[221]

3 FT 12" @ 1.00% - SST2

(220)
STATION=229+18.62, 42.85 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=750.93
INV. W=745.00

[220]

20 FT 12" @ 1.00% - SST2

(219)
STATION=229+63.50, 4.08 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=749.75
INV. S=745.09 (CONNECT EX)
INV. W=738.54
INV. E=738.54

[219]

63 FT 36" @ 0.22% - SST2

(217)
STATION=230+62.81, 3.57 LT
MANHOLE, TYPE A, 5'-DIA.,
TYPE 1 FRAME, CLOSED LID
RIM=748.57
INV. E=738.75
INV. W=738.75
INV. N=740.75
INV. S=740.75

[217]

94 FT 36" @ 0.22% - SST2

(216)
STATION=230+70.00, 18.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.20
INV. S=740.87
INV. E=741.37

[216]

12 FT 12" @ 1.00% - SST2

(215)
STATION=203+85.09, 18.00 LT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.10
INV. W=741.48

[215]

11 FT 12" @ 1.00% - SST2

(214)
STATION=230+70.05, 18.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=748.20
INV. N=740.93
INV. E=741.43

[214]

18 FT 12" @ 1.00% - SST2

(213)
STATION=230+84.51, 18.00 RT
CATCH BASIN, TYPE A, 4'-DIA.,
TYPE 11 FRAME, AND GRATE
RIM=749.10
INV. W=741.54

[213]

11 FT 12" @ 1.00% - 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