F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
807	00-00374-01-PV	CHAMPAIGN	242	62
STA.	136+00.00 TO STA. 141+00.00 / 655+00.00 TO STA. 657+00.00			
	ILLINOIS	F.A. PROJ. NO. RS-HPP-1805(001)		

CONTRACT NO. 91368

SEC. 26, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 25, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 35, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

SEC. 36, T.19N., R.8E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

CONSTRUCT NEW ENTRANCE
136+66.0, 39.1' LT.
12.0' C.E. (PCC) @ +2.0%
CONSTRUCT ENTRANCE WITH CONCRETE APRON TO 39.1' LT. AT +2.0%. SEE DETAIL SHEET.

PROPOSED PC CONC SIDEWALK 6
PROPOSED COMB CC&G TB6.24
PROPOSED CONC MED TSB6.12
PROPOSED HOT-MIX ASPHALT SHOULDERS 5" TRANSITION SHOULDER CROSS SLOPE FROM -4.0% AT RT. STA. 137+50.00 TO -2.0% AT RT. STA. 137+86.00
PROPOSED DITCH
PROPOSED CURB AND GUTTER OUTLET (TYP.) (SEE DETAIL SHEET)
PROPOSED SIDEWALK (BY OTHERS-TYP.)
PROPOSED R.O.W.
PROPOSED ¢ PROSPECT AVE./ SECTION LINE
PROPOSED ¢ CURTIS RD.
PROPOSED CONCRETE PAVEMENT
PROPOSED PC CONC SIDEWALK 6
PROPOSED COMB CC&G TB6.24 SPL
CONSTRUCTION LIMITS
TOPSOIL STORAGE AREA
T.C.E.
EXISTING R.O.W.
EXISTING P.E.
EXISTING F.E.
SEE NOTE 2

MATCH LINE - STA. 657+00.00
SEE SHEET NO. 70

MATCH LINE - STA. 136+00.00

MATCH LINE - STA. 141+00.00

MATCH LINE STA. 655+00.00
SEE SHEET NO. 72

PERMANENT SURVEY MARKERS = 1 EACH
SURVEY MARKER VAULT = 1 EACH
STA. 138+46.53, 9.00' LT. (CURTIS RD.)=
STA. 656+16.00, ¢ (PROSPECT AVE.)
SE. COR., SEC. 26, T.19N., R.8E., 3RD P.M.
NE. COR., SEC. 35, T.19N., R.8E., 3RD P.M.
(SEE DETAIL SHEET AND SPECIAL PROVISIONS)

2-CENTERED CURVE
R=65'-350'
0=12'

STRAIGHT TAPER
STA. 138+05.00 TO STA. 140+15.00
(TYP. BOTH SIDES)

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS = 3 EACH
STA. 136+50.00, 94.00' RT.
STA. 137+98.05, 94.00' RT.
STA. 655+03.58, 40.00' LT.

SCALE: 1" = 20'

LEGEND
1 – PROPOSED PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED)
– PROPOSED PORTLAND CEMENT CONCRETE BASE COURSE 8"
– PROPOSED AGGREGATE SURFACE COURSE, TYPE B (8" THICK)
– PROPOSED SIDEWALK RAMP DETECTABLE WARNINGS (SEE DETAIL SHEET)
– CLASS C PATCH - SEE REMOVAL/RELOCATION PLANS FOR LOCATIONS AND THICKNESS
– PROPOSED SODDING FOR DITCH LINING

NOTE 1
THE RAMPED CONCRETE MEDIAN NOSES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 606301. THE RAMPED NOSES SHALL BE 6 FEET LONG MEASURED FROM THE END OF THE RAMP TO THE BACK OF THE CURB. THE RAMPED NOSES SHALL BE PAID FOR AS CONCRETE MEDIAN, TYPE SB-6.12.

FOR REMOVAL/RELOCATION PLAN IN THIS AREA SEE SHEET NO. 40

SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SEE PAVEMENT JOINTS AND INTERSECTION DETAILS FOR ADDITIONAL INFORMATION.

SEE THE STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC PLANS FOR THE VARIOUS STAGES AND CONSTRUCTION SEQUENCES ON CURTIS RD.

PRECAST CONCRETE BOX CULVERT 10'x2' (SPECIAL) = 540 FOOT
BOX CULVERT END SECTION, CUL NO. 7 = 2 EACH
U.S.F.L. ELEV. = 738.00 (END SECTION) - STA. 137+01.0, 63.6' RT.
D.S.F.L. ELEV. = 736.35 (END SECTION) - STA. 651+06.8, 89.8' LT.
SEE DETAIL SHEET
(A) 137+49.1, 62.9' RT.
(B) 655+22.6, 43.1' LT.
(C) 655+14.1, 34.6' LT.
(D) 655+03.0, 30.0' LT.

CONCRETE ENCASEMENT = 1 EACH
RT. STA. 138+40 FOR SANITARY SEWER ENCASEMENT. SEE DETAIL SHEET.

SEE INTERSECTION DETAIL SHEET FOR INFORMATION IN THIS AREA

SEE PROPOSED TYPICAL CROSS SECTIONS AND INTERSECTION DETAILS FOR PAVEMENT CROSS SLOPES ADJACENT TO THE MEDIAN (TYP.)

RAMPED NOSE SEE NOTE 1

BM SAVOY - BRASS TABLET IN CONCRETE ON SOUTH SIDE OF CURTIS RD. STA. 138+66, 17' RT. ELEV. 742.45
(ELEVATION TO BE RE-ESTABLISHED BY SAVOY ON NEW SURVEY MARKER AT STA. 138+46, 53' LT.)

FOR PGL ALONG SIDEWALK SEE SHEET NO. 72

STA. 138+46.67 (¢ CURTIS RD.) =
STA. 656+07.00 (¢ PROSPECT AVE.)
MAG NAIL SET

LIMITS OF PC CONCRETE PAVEMENT 8"
LIMITS OF WIDENING AND RESURFACING
TEMP. CONST. EASEMENT
BLOCK OUT C.L.S.M. BACKFILL TO ALLOW FOR STREET LIGHT FOUNDATION CONSTRUCTION

NOTE 2
THE LOCATION AND SIZE OF THE EXISTING FIELD TILE IS UNKNOWN. THE CONTRACTOR SHALL PERFORM THE EXPLORATORY TRENCHING TO DETERMINE THE LOCATION AND DIRECTION OF FLOW OF THE FIELD TILE PRIOR TO CONSTRUCTING THE PROPOSED STORM SEWER SYSTEM. THE FINAL LOCATION, DEPTH AND METHOD OF OUTLETTING THE PROPOSED STORM SEWER SYSTEM WILL BE AS DIRECTED BY THE ENGINEER.

CURTIS ROAD ROADWAY PROFILE GRADE LINE
9' LT. AND RT. OF PROPOSED CENTERLINE
LIME MODIFIED SOIL 12" THICK
STABILIZED SUB-BASE 4"

CURTIS ROAD ROADWAY PROFILE GRADE LINE ON PROPOSED CENTERLINE. AGGREGATE BASE COURSE, TYPE A 12" THICK
(STABILIZED SUB-BASE 4" NOT REQUIRED)

SEE CROSS SECTION SHEETS FOR LIMITS OF TOPSOIL EXCAVATION AND EARTH UNDERCUT

PROPOSED PROFILE GRADE LINE
9' LT. AND RT. OF PROPOSED CENTERLINE
EXISTING GROUND PROFILE ALONG PROPOSED CENTERLINE

P.V.I. 137+95.00
ELEV. 742.50 (742.62) BACK
ELEV. 742.64 (742.76) AHEAD
LOW POINT
STA. 137+91.03
ELEV. 742.76
PGL LOCATION CHANGE
STA. 137+86.00
135.00' V.C.
P.V.C. 137+27.50
ELEV. 742.72
P.V.I. 137+46.67
ELEV. 742.84
P.V.C. 138+62.50
ELEV. 742.89
HIGH POINT
STA. 139+28.18
ELEV. 743.01
P.V.I. 139+30.00
ELEV. 743.13 (743.01)
P.V.T. 139+97.50
ELEV. 742.87
PROP. 12"SS @ 2.00%
PROP. 18"SS WMQ @ 0.20%
PROP. 12"SS @ 1.00%
PROP. 15"SS @ 0.30%
PROP. 18"SS @ 0.20%
CONCRETE ENCASEMENT
20" FORCEMAIN
136+00 RT. EL. 738.30
137+01 RT. EL. 738.00
SPECIAL DITCH RT. AT -0.30%
-0.32%
+0.36%
-0.38%

STORM SEWER PIPE SCHEDULE

LOCATION STR.-STR. OR STA., O.S.	CONCRETE COLLAR (EACH)	SS 1 WMQ 12" (FOOT)	SS 2 WMQ 18" (FOOT)	SS 2 WMQ 24" (FOOT)	STORM SEWER CL A 1 12" (FOOT)	STORM SEWER CL A 2 15" (FOOT)	STORM SEWER CL A 2 18" (FOOT)	STORM SEWER CL A 2 30" (FOOT)	STORM SEWER CL B 2 15" (FOOT)	SANITARY SEWER T2 8" (FOOT)	GRADE %	CONTR LOW-STRENG MATL (CU YD)
41 - 43						97					0.30	24.8
43 - 47						84					0.30	26.6
46 - 47					32						1.00	5.7
47 - 48				65							0.30	24.3
48 - 48c									50		**0.20	21.6
48a - 48c									135		**0.20	53.6
48 - 48b					25						2.00	5.0
48 - 52a							33			12	0.20	25.8
52a - 61	1		12				170				0.20	75.3
48 - 214								111			0.20	46.2
60 - 61		62									0.50	9.2
61 - 64						107					0.30	31.1

CONCRETE COLLARS SHALL BE USED TO CONNECT STORM SEWERS

**SEE NOTE 2

STORM SEWER PIPE SCHEDULE

LOCATION STR.-STR. OR STA., O.S.	STORM SEWER REM 6" (FOOT)	STORM SEWER REM 8" (FOOT)	STORM SEWER REM 12" (FOOT)	STORM SEWER REM 18" (FOOT)	GRADE %	CONTR LOW-STRENG MATL (CU YD)
44 - 45				46		20.5
45 - 58			11	102		35.1
49 - 82	80	35	790			395.2
51 - 55			6			4.0
53 - 54			17			9.2
54 - 58			44			15.7
†58 - 67						27.4
48 - 48a			200			62.3

†FILL STORM SEWER WITH C.L.S.M.

STORM SEWER STRUCTURE SCHEDULE

STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFFSET OF C/L 2 FT. OPENING	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/ GRATE ELEV.	PR. T/O FRAME/ GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
41	RD INLETS TB T3V F & G	LT	136+50.00	34.80	136+50.00	35.30	----	742.52	741.44	738.03	40b	737.80	43
42	MANHOLE ADJUST	RT	136+49.20	2.30	----	----	742.13	743.07	----	733.03	50	732.13	NORTH
43	RD INLETS TB T3V F & G	LT	137+50.00	34.80	137+50.00	35.30	----	742.21	741.13	737.51	41	737.45	47
44	REMOVE INLET	RT	138+02.50	11.90	----	----	741.45	----	----	----	----	737.65	45
45	REMOVE MANHOLE	LT	138+02.50	37.10	----	----	742.68	----	----	740.68	WEST	737.58	58
										737.58	44		
46	INLETS TA T3V F & G	LT	138+09.50	53.15	138+09.50	53.15	----	741.90	----	----	----	738.50	47
47	RD MAN TA 6 DIA T1 CLOSED	LT	138+38.00	33.00	138+38.00	35.00	----	742.26	741.26	737.20	43	737.15	48
										738.18	46		
										737.17	300		
48	RD MAN TA 6 DIA T1 CLOSED	RT	138+42.00	36.00	138+42.00	34.00	----	742.28	741.28	736.96	47	735.70	214
										736.13	48c		
										738.00	48b		
										736.07	52a		
48a	RD MAN TA 4 DIA T1 CLOSED	RT	136+50.00	47.00	136+50.00	48.00	----	741.50	740.55	736.55	39	736.50	48c

STORM SEWER STRUCTURE SCHEDULE

STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFFSET OF C/L 2 FT. OPENING	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/ GRATE ELEV.	PR. T/O FRAME/ GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
48b	INLETS TA T3 F & G	RT	138+63.00	52.90	138+63.00	52.90	----	742.22	----	----	----	738.50	48
48c	RD MAN TA 4 DIA T1 CLOSED	RT	137+89.00	44.80	137+89.00	43.80	----	742.00	740.92	736.23	48a	736.23	48
49	REMOVE INLET	RT	138+65.20	6.30	----	----	742.65	----	----	737.20	WEST	737.15	82
										737.65	NW		
50	MANHOLE ADJUST	RT	138+71.80	2.20	----	----	742.65	742.89	----	738.05	SOUTH	734.85	42
										741.25	NORTH		
										735.05	52		
										738.05	54		
										735.35	58		
51	REMOVE INLET	RT	138+73.00	44.40	----	----	742.36	----	----	740.06	55	739.21	213
52	REMOVE MANHOLE	RT	138+77.90	31.10	----	----	742.56	----	----	735.46	56	735.46	50
52a	***MAN SPECIAL T1 CLOSED	RT	138+77.50	33.50	138+78.50	33.50	----	742.43	----	735.46	56	735.46	50
										736.14	61	736.14	48
53	REMOVE INLET	RT	138+79.60	9.90	----	----	742.59	----	----	740.59	EAST	737.99	54
54	REMOVE MANHOLE	RT	138+79.40	1.80	----	----	742.65	----	----	737.75	53	737.75	58
										737.95	107		

STORM SEWER STRUCTURE SCHEDULE

STR. NO.	STRUCTURE TYPE	OFF-SET SIDE	STA. OF C/L 2 FT. OPENING	OFFSET OF C/L 2 FT. OPENING	STA. OF C/L STR.	OFFSET OF C/L STR.	EX. T/O FRAME/ GRATE ELEV.	PR. T/O FRAME/ GRATE ELEV.	PR. T/O FLAT SLAB TOP ELEV.	INVERT IN ELEV.	U.S. STR. NO.	INVERT OUT ELEV.	D.S. STR. NO.
55	REMOVE INLET	RT	138+80.70	44.40	----	----	741.66	----	----	----	----	740.06	51
56	MANHOLE (NO WORK)	RT	138+79.20	74.90	----	----	742.06	----	----	735.81	57	735.81	52
57	MANHOLE ADJUST	RT	138+94.90	82.00	----	----	741.81	742.40	----	736.11	SOUTH	736.01	56
58	•FILL MANHOLE	LT	139+08.10	36.50	----	----	741.42	----	----	736.82	45	736.67	67
										736.05	50		
										737.42	54		
										737.42	304		
59	MANHOLE (NO WORK)	LT	139+51.40	46.90	----	----	743.12	----	----	----	----	----	----
60	INLETS TA T3V F & G	LT	140+65.00	31.80	140+65.00	31.80	----	742.06	----	----	----	738.70	61
61	RD MAN TA 4 DIA T3V F & G	RT	140+65.00	31.80	140+64.00	31.80	----	742.06	740.99	738.39	60	736.50	52a
										736.68	64		

•EXISTING 8" SANITARY SEWER THROUGH MANHOLE TO REMAIN IN SERVICE

743.34 743.13 | 743.07 742.97 | 742.91 742.81 | 743.16 742.66 | PGL 9' LT. & RT. OF ¢ | 743.02 742.62 | PGL ON ¢ | 742.84 742.85 | ***SEE MISCELLANEOUS DETAIL SHEET | 742.59 742.98 | 742.27 742.99 | 742.14 742.86 | 742.04 742.67 | 741.80 742.48

136+00 | 136+50 | 137+00 | 137+50 | +86 | 138+00 | 138+50 | 139+00 | 139+50 | 140+00 | 140+50 | 141+00

p:\c01401\plans\sheets\curtispp-ph2.dgn
10/2/2008 9:03:12 AM