

DRAINAGE SCHEDULES FOR CH. 18

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-02-PV	COLES	229	24
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INLETS/GRATES/MANHOLE

STRUCTURE NUMBER	STATION	OFFSET	END SECTIONS		INLET BOXES						REFERENCE ELEVATION	
			METAL END SECTIONS 12" (EA)	PRECAST REINF. CONC. FLARED END SECTIONS 12" (EA)	INLETS, TY A TYPE 12 FRAME & GRATE (EA)	INLETS, TY B TYPE 12 FRAME & GRATE (EA)	TYPE D INLET BOX (EA)	TYPE E INLET BOX (EA)	GRATES, TYPE A (EA)	CONC. THRUST BLOCKS (EA)		MANHOLES, TYPE A 4' DIAMETER TYPE 37 GRATE
1	239+98.31	31.75' LT.							1			699.97
2	239+98.31	53.75' LT.	1							1		
3	240+45.70	31.75' RT.							1			700.87
4	240+45.70	74.00' RT.	1							1		
5	242+40.00	3.30' RT.				1						705.20
6	242+40.00	75.80' RT.		1								
7	243+40.00	3.30' RT.			1							706.89
8	244+11.00	31.00' RT.							1			707.31
9	244+11.00	102.72' RT.	1							1		
10	244+40.00	3.30' RT.			1							708.31
11	246+05.00	31.00' RT.							1			709.46
12	246+05.00	119.12' RT.	1							1		
13	247+15.00	31.00' LT.							1			710.23
14	247+15.00	123.00' LT.	1							1		
15	247+98.46	31.42' RT.						1				710.58
16	247+98.46	129.00' RT.	1							1		
17	248+04.12	31.42' LT.						1				710.60
18	248+04.12	129.00' LT.	1							1		
19	250+46.46	31.42' RT.						1				710.59
20	250+46.46	86.00' RT.	1							1		
21	250+52.12	31.42' LT.						1				710.57
22	250+52.12	88.33' LT.	1							1		
23	253+33.00	31.00' RT.							1			708.57
24	253+33.00	127.21' RT.	1							1		
25	253+45.00	31.00' LT.							1			708.44
26	253+45.00	130.00' LT.	1							1		
27	254+10.00	3.30' LT.			1							708.27
28	255+10.00	3.30' LT.			1							706.84
29	256+10.00	3.30' LT.				1						705.14
30	256+10.00	133.00' RT.		1								
31	256+35.00	31.00' LT.							1			704.06
32	256+13.62	137.76' LT.	1							1		
33	258+04.65	31.75' LT.							1			700.76
34	258+72.39	118.07' LT.	1							1		
35	258+52.18	31.75' RT.							1			699.84
36	258+74.47	117.78' RT.	1							1		
37	223+61.00	44.91' LT.								1		684.76
38	223+61.00	44.91' RT.								1		684.65
TOTALS			14	2	4	2	4	6	4	14	2	

FROM STRUCTURE	INVERT ELEVATION	TO STRUCTURE	INVERT ELEVATION	PIPE DRAINS 12" (FOOT)	PIPE CULVERT TY 1, RCCP 12" (FOOT)	STORM SEWERS CLASS A, TY 1, 12" (FOOT)	STORM SEWERS CLASS A, TY 1, 24" (FOOT)	
1	698.30	2	693.45	22				
3	699.20	4	692.09	43				
5	701.70	6	692.27		66			
7	703.39	5	701.70			98		
10	704.81	7	703.39			98		
8	704.65	9	689.65	78				
11	706.80	12	687.58	94				
13	707.56	14	687.63	98				
15	708.58	16	686.94	101				
17	708.60	18	686.94	101				
19	708.59	20	684.75	60				
21	708.57	22	683.42	63				
23	705.91	24	680.80	100				
25	705.78	26	680.00	105				
27	704.77	28	703.34			98		
28	703.34	29	701.64			98		
29	701.64	30	678.00		125			
31	701.40	32	680.00	115				
33	699.09	34	676.80	110				
35	698.17	36	676.79	89				
37	**	38	**				88	
38	**	OUTLET	**				14	
** INVERT ELEVATIONS TO BE DETERMINED IN THE FIELD.				TOTALS	1179	191	392	102

PIPE UNDERDRAIN 4" (SPECIAL) ALONG CH. 18

SEE STANDARDS 601001 AND 601101 FOR MORE INFORMATION

STATION	OFFSET	PIPE UNDERDRAIN 4" (SPECIAL) (FOOT)	CONC. HEADWALL FOR PIPE DRAINS (EA)
STA. 235+19.64	LT.	27	1
STA. 236+09.23	RT.	30	1
STA. 238+00.00	LT.	27	1
STA. 238+00.00	RT.	28	1
STA. 242+35.24	RT.	29	1
STA. 246+00.00	RT.	30	1
STA. 246+22.50	LT.	35	1
STA. 252+28.27	RT.	36	1
STA. 253+00.00	LT.	28	1
STA. 256+15.24	LT.	32	1
STA. 260+00.00	LT.	28	1
STA. 260+00.00	RT.	27	1
STA. 262+41.12	LT.	24	1
STA. 263+30.71	RT.	27	1
TOTAL		408	14

PIPE UNDERDRAIN, 4" ALONG CH. 18

SEE STANDARD 601001 FOR MORE INFORMATION

STATION TO STATION	OFFSET	PIPE UNDERDRAIN, 4" (FOOT)
STA. 235+19.64 TO STA. 240+96.07	LT.	577
STA. 246+22.50 TO STA. 248+15.51	LT.	193
STA. 250+36.41 TO STA. 256+15.24	LT.	579
STA. 257+07.55 TO STA. 262+41.12	LT.	534
STA. 236+09.23 TO STA. 241+42.80	RT.	534
STA. 242+35.24 TO STA. 248+14.17	RT.	579
STA. 250+35.07 TO STA. 252+28.27	RT.	193
STA. 257+54.28 TO STA. 263+30.71	RT.	577
TOTAL		3766

* TRANSVERSE DRAINS

ROADWAY	STATION	QUANTITY (EA.)
CONCRETE HEADWALL FOR PIPE DRAINS		
CH 18	242+50.00	2
CH 18	247+00.00	2
CH 18	252+00.00	2
CH 18	256+00.00	2
TOTAL		8

* SEE DETAIL, SHEET NO. 26 FOR MORE INFORMATION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DRAINAGE SCHEDULES FOR C.H. 18
 FAI-57, FAS 642
 SEC NO. 15-23K, 99-00124-02-PV
 COLES COUNTY, ILLINOIS
 SCALE: NOT TO SCALE
 DATE: 07/13/2005
 DRAWN BY: MNM
 CHECKED BY: SKM



© Copyright Hanson Professional Services Inc. 2005

07/13/2005
 1597405591620280C:\H\Sheet\c-602_02a.rxdgn
 SKM 12/26/03
 VMM 12/26/03
 JMM 01/05/04