Note: Lat. #12 is continued at lower right hand corner of sheet.

Lat. #12

Highway 4775'

Lat. #11

Highway 1500'

Lat. #13

Highway 630'

Lat. #14

Highway 700'

Lat. #15

Highway 1520'

Lat. #4

Edward Congrave 3300'

Lat. #5

Edward Congrave 765'

John Henderson 608'

Lat. #10

Geo. W. Cole 1678'

Emma Hoffman 1057'

Highway 1062'

Lat. #1

Old tile between sta. 5+00 and 11+00 to be taken over and made a part of the District.

Wm. Whitehead 2603'

Edward Congrave 1444'

Lat. #7

Highway 600'

Lat. #6

Lat. #2

Highway 300'

Lat. #3

Highway 800'

Lat. #8

Lat. #9

Highway 1400'

Main

Geo. W. Cole 2312'

Highway 783'

Highway 690'

John Shuzweway

L. P. Dierweichter 2864'

W. H. Crawford 1233'

W. H. Crawford 3510'

Lat. #12 Contd.

Highway 4775'

TABLE OF DRAINS

SEC.	DRAIN	SIZE	LENGTH	W. DEP.	GRADE	SEC.	DRAIN	SIZE	LENGTH	W. DEP.	GRADE	SEC.	DRAIN	SIZE	LENGTH	W. DEP.	GRADE
1	MAIN	24"	2300	6.20	11.10	4	Lat #3	6"	800'	4.80	5.80	13	Lat #12	10"	1505	4.50	5.70
1	"	26"	1700	6.00	6.70	4	"	I-Catch Basin				13	"	8"	1200'	4.40	5.90
1	"	24"	3500	6.40	7.20	5	Lat #4	10"	3300	4.70	6.60	13	"	6"	700'	4.00	4.00
1	"	22"	3900	6.30	7.50	5	"	I-Catch Basin				13	"	3"	1375'	4.20	5.30
1	"	20"	725	5.80	7.00	6	Lat #5	6"	1373	4.10	4.60	13	"	3-Catch Basins			
1	"	I-Reinforced 3 Ce. Wks. Conc.				7	Lat #6	6"	100'	5.20	6.40	14	Lat #13	8"	500'	4.60	5.60
1	"	3 Standard Catch Basins				8	Lat #7	6"	600'	4.40	5.30	14	"	5"	150'	4.00	4.00
1	"	1-3 Special C.B. 2 Ce. Wks.				8	"	I-Catch Basin				14	"	I-Catch Basin			
2	Lat #1	15"	300'	5.60	6.30	9	Lat #8	6"	1001'	4.50	5.00	15	Lat #14	5"	700'	4.20	5.00
2	"	12"	1288	5.20	6.00	10	Lat #9	6"	1400'	4.00	5.00	16	Lat #15	6"	1000'	4.20	4.70
2	"	15"	1500	5.70	6.90	11	Lat #10	10"	2100	4.80	5.60	16	"	5"	300'	4.00	4.00
2	"	12"	300	5.20	5.70	11	"	8"	1100	5.10	6.60	16	"	I-Catch Basin			
2	"	10"	960	4.60	5.50	11	"	5"	650	4.90	5.30						
2	"	2-Catch Basins				11	"	I-Catch Basin									
3	Lat #2	6"	300'	4.60	6.00	12	Lat #11	6"	700	4.00	5.30						
3	"	I-Catch Basin				12	"	5"	196'	4.50	5.20						

PROFILE OF DRAINAGE DISTRICT #89 BUENA VISTA COUNTY IA.

WASHINGTON & STORM LAKE

TWP. TRUSTEES PETITIONERS

SCALE

A. H. CUNNINGHAM ENG'R.

STORM LAKE IA. JAN. 1916