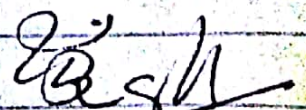


Position of Head of Canal.	Name of Canal	Length of Canal.	Remarks.
M - Chains.		M - Chains.	
1 0 - 0	G.W. Main Canal	5 - 75	
2 5 - 75	Kakarapavru Canal	10 - 08	Head on Main Canal L.B.
3 7 - 15	G. & V. Canal	33 - 52	Head on Kakarapavru Canal R.B.
4 14 - 47 $\frac{1}{2}$	Bank Canal	24 - 70 $\frac{1}{2}$	- do - L.B.
5 16 - 03	Narapur Canal	30 - 06 $\frac{1}{4}$	Head at end of Kakarapavru Canal.
6 5 - 75	Eluru Canal	40 - 27	Head at end of Main Canal.
7 6 - 59	Attili Canal.	16 - 08 $\frac{1}{4}$	Head on Eluru Canal L.B.
8 9 - 58	Junction Canal	3 - 42	- do -
9 13 - 20	Yenkayya & Weyyuru Canal	32 - 06 $\frac{1}{2}$	Head at end of Junction Canal.
10 35 - 10	Old Weyyuru Canal.	4 - 72	Head on Y & W Canal R.B.
11 19 - 73	Undi	20 - 06 $\frac{1}{2}$	Head on Y & W Canal L.B.

Collected from Register of Component Works (Printed)


ICA.

Statement showing the Hydraulic Particulars of Eluru Canal from K.M. 9.555 to 19.312 (Approved vide CE/CDO/Hyd. Lett No CE/CDO)

G. W. Main Canal from K.M. 0.000 to 9.555 and Kakavapattu Canal from K.M. 9.555 to SACB/HP-WMC/B12/88-5 dt/2-4-89

Particulars	1st REACH.		2nd REACH.		3rd REACH.		4th REACH.	
	HEAD	END	HEAD	END	HEAD	END	HEAD	END
	K.M. 000	K.M. 1-609	K.M. 1-609	K.M. 3-923	K.M. 3-923	K.M. 6-538	K.M. 6-538	K.M. 9-555
	M. 000	M. 1-0-0	M. 1-0-0	M. 2-3-330	M. 2-3-330	M. 4-0-330	M. 4-0-330	M. 5-7-330
1. Bed level.	+9.035	+8.885	+8.885	+8.665	+8.975	+8.73	+8.73	+8.45
2. F.S.L.	+12.755	+12.605	+12.605	+12.385	+12.385	+12.14	+12.14	+11.86
3. Discharge Required	277.502 cum/s	-	254.79 cum/s	-	150.13 cum/s	-	272.72 cum/s	-
4. Designed Discharge	278.786 cum/s	-	256.487 cum/s	-	150.176 cum/s	-	273.3 cum/s	-
5. Section (BW x FSD)	72 x 3.72	-	65.60 x 3.72	-	44.50 x 3.41	-	82.0 x 3.41	-
6. Value of 'n'	0.0225	-	0.0225	-	0.0225	-	0.0225	-
7. Bed fall	1/10727	-	1/10514	-	1/10670	-	1/10775	-
8. Sur face fall.	-	-	-	-	-	-	-	-
9. Distance of Reach	1609 ^m	1609 ^m	1609 ^m	2314 ^m	2314 ^m	2615 ^m	2615 ^m	3015 ^m
10. Area	5,30,000	-	-	-	5,20,500	-	-	-
11. Free Board.	0.91 ^m	-	-	-	-	-	-	-
12. Bed width.	72.0 ^m	-	65.60 ^m	65.60 ^m	44.50 ^m	82.0 ^m	82.0 ^m	-

ELURU

Particulars.	Ist. REACH.		II nd REACH	
	HEAD	END	HEAD	END
	KM. 9.555	KM. 9.857	KM. 9.857	KM. 10.862
	M. 5-7-330	M. 6-1-000	M. 6-1-000	M. 6-1-000
1 Bed level	+8.935	+8.91	+8.925	+8.89
2 F.S.L.	+11.860	+11.835	+11.85	+11.815
3 Discharge Required	150.360 cum/s.	72.86	72.86 cum/s.	
4 Designed Discharge	157.26 cum/s.		76.96 cum/s.	
5 Section (BWX F.S.D)	62.0 x 2.925		46.33 x 2.925	
6 Value of 'n'	0.0225		0.0225	
7 Bed fall	1/12080		1/26400	
8 Sur. fall.				
9 Distance of Reach.		302 ^m	302 ^m	100.5 ^m
10 Ayacut	286160		1,32470	
11 Free Bord.	0.91.			
12 Bed Width.	62.0 ^m	46.33 ^m	46.33	

CANAL

Particulars.	III rd REACH.		IV th REACH.	
	HEAD	END	HEAD	END
	KM. 10.862	KM. 12.872	KM. 12.872	KM. 15.630
	M. 6-1-000	M. 6-1-000	M. 9-6-0	M. 9-6-0
1 Bed level	+8.89	+8.85	+8.85	+8.745
2 F.S.L.	+11.815	+11.765	+11.710	+11.605
3 Discharge Required	45.96 cum/s.		45.79 cum/s.	
4 Designed Discharge	47.80 cum/s.		55.42 cum/s.	
5 Section (BWX F.S.D)	38.36 x 2.915		34.97 x 2.865 34.44 x 4.860	
6 Value of 'n'	0.0225		0.0225	0.0225
7 Bed fall	1/49000		1/27176	
8 Sur. fall.				
9 Distance of Reach.	100.5 ^m	201.0 ^m	201.0 ^m	281.80 ^m
10 Ayacut	84370		56669	
11 Free Bord.				
12 Bed Width.	35.36 ^m		34.97 34.44	

Hydraulic Particulars of KAKARAPARRU CANAL
for 56 Duty (post Barriage Condition from
M. 5-7-330' TO 7-2-132' (KM. 9.55 TO ...)

Particulars	M. 5-7-330'		M. 5-7-330'	
	As Existing @ TO Duty	As Proposed @ 56 Duty	As Existing @ TO Duty	As Proposed @ 56 Duty
	HEAD	END	HEAD	END
1 Bed level	+8.74 ^m	+8.48 ^m	+8.74 ^m	+8.48 ^m
2 F.S.L.	+11.39 ^m	+11.13 ^m	+11.86 ^m	+11.51 ^m
3 Discharge	2613 c/s 74 cm/s	2613 c/s 74 cm/s	4090 c/s 74 cm/s	4090 c/s 74 cm/s
4 Section	105' x (32.0 x 2.63)	32.0 x 32.0	32.0 x 32.0	32.0 x 32.0
5 Bed fall		1/10560		
6 Bed Velocity	0.84 m/s		1.17 m/s	
7 Value of 'n'	0.02		0.02	
8 Free Board	0.91 ^m			
9 Area	182,904		2,27,024	
10 Bed width	32.0 ^m	32.0 ^m	32.0 ^m	32.0 ^m
11 T.B.L	12.30 ^m	12.04 ^m	12.77 ^m	12.42 ^m

6
Hydraulic Particulars of Main Structures:

- Chettipeta WEIR:- F.R. Height of Shutter x Area
- 1) Sill level (Front) +33.67' 33.47'
 - 2) - (Rear) +19.07'
 - 3) F.F.S.L. +37.27'
 - 4) Size of Vent 10' x 4'
 - 5) No. of Vents. 10 Nos.
 - 6) Discharge:- 3146 c/s.
 - 7) Tambooji 2 No x 6' x 4'
 - 8) Tambooji 1 No x 8' x 3'
 - 9) AYACUT 1,49,697 Ac (0.1) m/s

2. Nandamuru Aqueduct:- (86.0 x 44.0)
- 1) Sill +29.03' (7) Length - 367.36 vent
 - 2) F.F.S.L. +36.84' (9) Width - 49.52'
 - 3) R.F.S.L. +36.64' (10) Top width of Band 12.9'
 - 4) F.S.D. 7.81' (11) Fall - 0.26'/m.
 - 5) Ayacut 87,281 Ac
 - 6) Discharge - 1198 c/s.

- 3) Nandamuru WEIR:-
- 1) Sill level +32.20' 9.81
 - 2) F.F.S.L. +36.94'
 - 3) Size of Vents 9' x 4'
 - 4) No of vent 3 Nos.
 - 5) Tambooji 1 No x 5' x 4'

4) Length of Nidadavolu Weir:- 600' = 183 m.
 Ind. 400' to 7.200 to 7.400
 201. when 6.950 to 7.900

S. A. C. BARRAGE, DOWLAI SWARAM

- 1. Sill level of Barrage: +10.67^m (35.0')
- 2. -||- Eastern Delta Head Regulator: +9.76^m (32.0')
- 3. -||- Central Delta Head Regulator: +9.69^m (31.79')
- 4. -||- Western Delta Head Regulator: +9.62^m (31.56')

BARRAGE GATES

- 1. Dowlaiswaram Arm. (70) Nos
- 2. Rali Arm. (43) -||-
- 3. Madduru Arm. (23) -||-
- 4. Vizgeswaram Arm. (39) -||-

CANALS: HEAD REGULATOR (GATES)

- 1. Eastern Delta Head Regulator. (4) Nos
- 2. Central -||- -||- (3) -||-
- 3. Western -||- -||- (5) -||-

8
Hydraulic Particulars of

Nerua Talava @ Mundamuru.

- Sill level: 8.67' feet.
- ... 0.46 feet.
- ... 4 Nos.
- ... 40' - 00.
- ... 8' - 0 x 40' - 0.
- ... 9' - 0
- ... 24'
- ... 850 Square Miles.
- ... 263.6 Sqft.
- ... 320 Sqft.
- Nandamuru Aqueduct: 11.17, 12.870
- old Aqueduct: construction year 1875
- No of vents = 4 Nos
- Size of vent = 12.19 x 2.44 m
- Design discharge 8000 cfs
- Length of Aqueduct:
- new Aqueduct: construction by 31-8-2002
- Mainkanam Period complete 24.6.2002
- No of vents = 7 Nos
- Size of vent: 15.24 x 2.86
- Discharge: 20,000 cfs
- Length of Aqueduct 1137
- (Foot Bridge) Width 10.075
- T.B.L. + 12.625

6326

Name of Channel or D.P.	I.S. evop Ayacut	Head sluice			No. and Size of Vent
		Sc'll	F.F.S.L	R.F.S.L	
<u>G.W. MAIN CANALS</u>					
1. P.P. Scheme Main chl	6626				
2. Kanuru channel	2737	+10.68			273.0
3. Apparao channel	131				open Head
4. Direct Pipe	493	+10.36	+11.66	+10.98	1 No. 9" x 8"
5. Atlapadu No 1 chl	180	+10.67	+11.54	+11.22	1 No. 8" x 8"
6. Singaravaram Ava chl	2395	+9.88	+11.47	+10.70	1 No. 2' x 2'-6"
7. Singaravaram branch chl	1099	+9.49	+10.56	+10.56	1 No. 2' x 2'-2"
8. Atlapadu No 2 chl	436	+10.86	+11.43	+11.22	1 No. 2' x 2'-2"
<u>ELURU CANAL</u>					
1. old kakavaram chl	555	+9.31	+11.34	+11.09	1 No. 15" x 8"
2. Tallapalem channel	588	+10.32	+11.33	+10.85	1 No. 2' x 1'-6"
3. Tallapalem branch channel		9.88	10.73	10.64	
4. Atti parallel chl	305	9.19	11.30	10.59	
5. Nandamuru DP	22	8.81	11.21	9.71	
6. Nandamuru channel	204	9.54	11.09	10.60	
7. Nandamuru Field sluice	227	10.11	11.18	10.53	
8. Nandamuru DP	31				
9. Nandamuru F.S.	75	10.30	11.15	11.00	
10. Arulla channel F.S.	49	10.66	11.13	11.06	
11. Arampalli channel	1180	9.68	11.13	10.62	1 No. 0.75' x 1'-0"
12. Arulla channel	117	9.29	11.13	10.73	
13. Arulla Karamay pipe	248	10.25	11.17		
14. Navelpalem chl	318	9.89	10.99	10.84	
15. Navelpalem B ₂ chl					

Channel	Bed level		F.S.L.		Bed Width		Length of channel in K.M.	off Take Mileage in Miles.
	Head	End	Head	End	Head	End		
							14.440	0-2-330 L
							14.000	2-7-49
							3.800	2-3-330 L
					0.50	6.90	0.800	4-2-186 L
					0.90		1.600	4-7-475 L
					3.96		6.400	5-3-249 R
					2.40		3.740	0-7-132 L
					0.90		2.600	5-6-50 L
							17.38	
					1.20	1.2	0.950	6-1-330 L
					1.2	1.2	1.596	0-4-544
					1.8		3.550	6-2-165 L
					1.2		0.834	0-2-165 R
					0.5		0.800	6-7-66 L
							0.200	8-1-00 L
					1.2		1.900	8-5-43 L
							0.800	8-6-99 L
							0.600	9-2-132 L
							1.000	9-2-233 L
							0.200	9-4-198 L
					1.8		2.900	9-5-186 L
					1.2	1.2	2.000	9-5-336 L
					1.0		1.000	10-2-00 L
					1.0		1.000	10-5-24 L
							1.53	11-4-280 L
							1.365	23-80 L
							71.27	

10

Hydraulic Particulars of P.P. Scheme.

1. Size of R.c.c. Conduit	5'0" x 4'0"
2. Length of Conduit	30'0"
3. Size of Pump House	60'0" x 25'0"
4. No. of Pumps	3 Nos
5. H.P. Pumps.	2 x 90 H.P.
6. Stand by pump	1 x 87 H.P.
7. Head of Pumping	75 H.P.
8. Section	12.5' ft
9. Delivery	24" ϕ
10. Discharge of each pump.	36" ϕ
11. Bed level at Head	13500 gal
12. F.S.L. at Head (Raised + 48.50)	+44.0' (13.1)
13. Width of channel.	+47.30' (+14.1)
14. Surface fall.	14.5' (4:42)
15. Discharge.	1 FT/Mile
16. Ayacut	100 cfs.
17. Proposed Localised.	6626 Ac.
18. Transformer Capacity	6446 Ac
19. Each Motor	3 x 100 KVA.
	one Transformer

11

Villages Covered under P.P. Scheme.

S/No	Name of Mandal	Name of Village	Extent	
1	Koruvu.	Madduru	73.79	73.79
2	Niddavolu	Vizzeswaram	420.99	420.99
		Gopavaram	304.90	304.90
		Puvushothayalli	538.60	538.60
		Pandulapattu	774.66	774.66
		Teedigunta	563.10	563.10
		Kalavachala	601.13	601.13
3	Ravavali	Korupalli	668.43	668.43
		Munipalli	159.13	159.13
		Pendyala	444.50	444.50
		Kanuru	1061.68	1061.68
		Kanuru Agraharam	662.65	662.65
		Usunnamuru	352.44	352.44
			6626.00	6626.00
			6568.70	6568.70

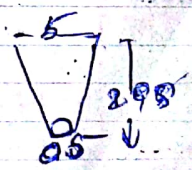
Reach wise Hydraulic Particulars of 1984-85

Main Channel

Sl No.	Reach		Bed level	F.S.D	F.S.L to	Bed width	Required Discharge	Bed fall	Ayacut
	From	To							
1	M 0-0-0 KM. 0.000		+44.00 +13.41	3.5' 1.07	48.50 47.50 44.48	14.5 15.0 4.57	99 c/s	1 ¹ / ₂ Mile. (1/5280)	6626
	1-7-000 KM. 3.000		+42.12 +12.84	-	45.62 +13.00	12.0 1.61	78 c/s	-	
2	1-7-000		+42.12 +12.84	-	45.62 +13.00	12.0 3.16	-	-	
	2-4-000 KM. 4.000 4.003		+41.50 +12.65	-	+45.00 +13.12	11.0	71 c/s	-	
3	2-4-000 KM. 4.000		+41.50 +12.65	3.5' 1.07	+45.00 +13.12	10.0	71 c/s	-	
	4-1-000 KM. 6.600		+39.87 +12.15	3.5' 1.07	+43.37 +13.22	11.5 2.71	71 c/s	-	
4	4-1-000 KM. 6.600		+39.87 +12.15	3.5' 1.07	+43.37 +13.22	11.5 2.71	44 c/s	-	
	5-7-330 KM. 8.300		+38.75 +11.81	3.0' 0.91	+41.75 +13.12	5.0 1.52	24 c/s	-	
5	5-7-330 KM. 8.300		+38.75 +11.81	3.0' 0.91	+41.75 +13.12	5.0 1.52	24 c/s	-	
	5-7-400 KM. 9.522		+38.00 +11.58	2.5' 0.76	+40.50 +13.04	7.0 1.44	13.9 c/s	-	
6	5-7-400 KM. 9.522		+38.00 +11.58	2.5' 0.76	+40.50 +13.04	7.0 1.44	-	-	
	7-0-330 KM. 11.300		+36.00 +10.00	2.5' 0.76	+38.50 +12.74	3.0	-	-	

- 1) 000 to 1.000
- 2) 4.000 to 6.600
- 3) 6.600 to 9.522
- 4) 9.522 to 11.300
- 5) 11.300 to 14.115

11.300 to 14.115
1.07
1.91
2.88



(P.T.O)

u8.22

153.90
191.23
345.67

Sl	Reach		Bed Level	F.S.D.	F.S.L	Bed width
	From	To				
7	7-0-330		+36.00'	2.5'	+38.50'	4.0'
	KM. 11.300		+10.97	0.76	+11.73	1.22
	9-0-570		+35.00	2.0'	+37.00	3.0'
	8-7-280		+10.67	0.61	+11.28	1.22
	KM. 14.280					
	16-4-84		11.66			

Repin	Bed fall	Ayacu
Diocapre	6/Mile	11.2
		9-0-500

Ayacu Particulars of Branch wise can

Village wise & Pendyale Pumping Scheme.

Sl No	Name of village.	Branches					
		No (1)	No (2)	No (3)	No (4)	No (5)	No (6)
1	Madduru	59.46	14.33				
2	Vizzeeswaram	181.55	138.62	100.82			
3	Gopavaram	304.70					
4	Parushothapalli			529.08	9.57		
5	Pandalapattu				247.20	221.61	256.11
6	Jeedigunta				106.18		148.17
7	Kalarechala						151.00
8	Kovupalli						
9	Munipalli						
10	Pendyale						
11	Kanuru						
12	Kanuru Agrahara						
13	Urukemarru						
		545.91	152.95	629.90	363.40	221.61	496.28

Branches								Total Ayacu
No (7)	No (8)	No (9)	No (10)	No (11)	No (12)	No (13)	No (14)	
								73.79
								420.99
								304.90
								538.60
	7238	305.72						744.66
	1.95							563.10
							502.01	601.13
	251.29	417.14						668.43
	44.35	56.48						153.13
			156.40	166.20	122.93			444.50
			939.11	122.57				1061.68
				384.70	240.60			662.6
							37.94	662.6
							78.05	352.4
								352.4

Hydraulic Particulars of Branches of P.P. Scheme Main Channel.

Sl No	Off Take Mileage	Name of Branch	Irr crop Area	Head Sluice		No of pipe	Bed level		F.S.L.		Bed width		Length of Channel
				Sill	F.F.S.L. Ref. S.L.:		Head	End	Head	End	Head	End	
1	0-0-400	Branch No 1	546	+13.72	+14.45	+14.33	2'-0" x 8'-0"	+13.72				1.22m	1/5280 (0.19)/km
2	0-1-000	" No 2	153	+13.87			1'-0" Q	+13.87				0.61m	
3	0-6-000	" No 3	630	+13.56			3'-0" x 1'-8"	+13.56				1.22m	
4	1-7-000	" No 4	363	+13.35			1'-6" Q	+13.35				0.61m	
5	2-1-000	" No 5	222	+13.06			1'-0" Q	+12.83				1.50	
6	2-4-000	" No 6	495	+13.34			3'-0" x 1'-6"	+13.33	13.64			1.22	
7	3-0-300	" No 7	522	+12.87			2'-0" x 1'-9"	+12.86	12.42	13.47	13.07	1.22	
8	3-1-400	" No 8	641	+12.80			2'-0" x 2'-6"	+12.80				1.22	
9	4-1-000	" No 9	630	+12.52			2'-0" x 2'-0"	+12.52				1.83	1/5280 (0.19)/km
10	4-5-000	" No 10	1105	+12.03			3'-0" x 2'-6"	+12.04				1.52	1/10560
11	5-3-570	" No 11	630	+11.95			2'-6" x 2'-0"	+11.95				1.22	
12	7-0-330	" No 12	240	+11.85			1'-6" x 1'-6"	+11.85	11.80	11.96	11.81	0.76	1/5280 F.B. 0.45
13	7-6-000	" No 13	116	+11.28			12" Q	+11.28				0.60	
14	8-7-000	" No 14	274	+10.88			9" Q	+10.88				0.60	
		" IAA		+10.82			9" S	-					

List of Cross Masonary works on

P. P. scheme Main channel.

Sl. No.	Mileage K.M	Details of Cross Masonary work	Sill
1	M. 0-0-400 0.122	Head Sluice of No. 1 Branch	
2	H. 0-1-0 0.200	- - No. 2 - -	
3	0-3-330	Culvert pipe 0.700	
4	0-3-570	Syphon well	
5	0-5-300	- -	
6	0-5-380	Foot Bridge	
7	0-5-550	Drainage pipe	
8	0-6-000	Head Sluice of No. 3 Branch	
9	1-2-330	Culvert and Drainage pipe	
10	1-4-400	Culvert	
11	1-5-250	Drainage pipe	
12	1-7-00	Head Sluice of No. 4 Branch (Pandalaparu channel)	

S. No.	Milage	Details of Cross Masonry work.	S. No.
13	M. 1-7-400	Drainage pipe.	
14	M. 2-0-400	Foot Bridge.	
15	M. 2-1-00 740	Head sluice of No. 5 Branch.	
16	M. 2-3-560 3,970	Combined Culvert & Regala to No. 2	
17	M. 2-4-000 1,255	Head sluice of No. 6 Branch.	
18	M. 2-5-000	Foot Bridge.	
19	M. 3-0-300 4,851	Head sluice of No. 7 Branch.	
20	M. 3-1-30'	Drainage pipe.	
21	M. 3-1-70.	Culvert.	
22	M. 3-1-400 5,122	Head sluice No. 8 Branch.	
23	M. 3-5-120	Culvert.	
24	M. 4-0-300	Drainage pipe.	

Kala re. Aya
Co. ch. m.

S No	Milage.	Details.	Sl. No.
25	M. 4-0-410	Culvert	
26	M. 4-1-00 6.600	Head Sluice of No 9 Branch.	
27	M. 4-1-330 6.700	No 3 Regulator. ✓	
28	A-4-270	Culvert.	
29	A-5-000 7.400	Head Sluice of No 10 Branch.	
30	5-2-140	Culvert	
31	5-3-520 3-8 755	Head Sluice of No 11 Branch (Penchyala Branch)	
32	5-6-400	Syphon.	
34	5-7-400 9.410	Regulator No 4 ✓	
34	5-7-520	Culvert 9.470	
35	6-4-320	Syphon	

S. No.	Milage	Details	Sl. No.
36	6-5-400	Foot Bridge	
37	6-7-530	Syphon	
38	7-0-330 11-300	Regulator 5	
39	7-0-330 11-300	Head sluice No. 12 Branch	
40	7-0-620	Inlet and	
41	7-2-336	-	
42	7-3-140	-	
43	7-3-600	-	
44	7-4-100	Culvert and Syphon Aqueduct + 11-13	
45	7-6-00 11-600	Head sluice of No. 13 Branch	
46	7-7-460	Drainage Crossing	
47	8-1-260	Drainage pipe.	

11-200
100
11-300 ✓

Sl No	Milage	Details
48	8-2-90	Drainage Pipe
49	8-2-100	Culvert and Syphon
50	8-4-490	Drainage Pipe
51	8-7-000 ^R	Head Sluice 14 Th Brand (Fixed in Earth) 9" Ø
52	9-0-400 ^R 14 SLL	Devet pipe fixed in earth 9" Ø

TAD 3017

()

20 75
21 80
22 85
23 90
24 95
25 100
26 105
27 110
28 115
29 120
30 125
31 130
32 135
33 140
34 145
35 150
36 155
37 160
38 165
39 170
40 175
41 180
42 185
43 190
44 195
45 200
46 205
47 210
48 215
49 220
50 225

PIPE LIST

No. 1 Branch @ M.O-0-400 R (KH. 0.122) of P.P. Scheme Main Channel.

Pipe No	off Take Milage	R or L	Q of Pipe	Village	Locati-on of Pipe R.S.No	Extent
1	0-1-100	R	4"	Maddur.	133	21 66
2	0-1-300	L	8"	"	"	37 80
3	0-3-610	L	8"	Vizzeswaram.	17	42 17
4	0-4-130	R	8"	"	17	40 13
5	0-5-460	L	4"	"	27	1 50
6	0-7-330	L	10"	"	33	97 75
7	1-2-440	R	6"	Goparavaram.	129	15 33
8	1-2-440	R	8"	"	129	53 55
9	1-4-440	R	6"	"	117	15 35
10	1-4-440	L	6"	"	117	33 80
11	1-6-220	R	4"	"	114	19 06
12	2-0-000	R	6"	"	107	55 97
13	2-0-000	L	10"	"	107	111 84
						<u>645 91</u>

ABSTRACT

Sl. No	Name of Village	Total Extent	Extent Proposed as Registered well
1	Maddur	69.47	59 46
2	Vizzeswaram	186.62	181 55
3	Goparavaram	342.00	304 90
		<u>598.09</u>	<u>544 91</u>
Def/cum			52 18

PIPE LIST

No. 2 Branch @ M.O-1-00 (KH. 0.200) of P.P. Scheme Main Channel.

Pipe No	off Take Milage	R or L	Q of Pipe	Village	Locati-on of Pipe R.S.No	Extent
1	0-0-00	L	4"	Maddur	233	14 33
2	0-3-440	L	9"	Vizzeswaram.	37	87 21
3	0-5-330	L	9"	"	31	57 41
						<u>152 95</u>

ABSTRACT

Sl. No	Name of Village	Total Extent	Extent Proposed as Registered well
1	Maddur	20.58	14.33
2	Vizzeswaram	138.62	138.62
Def/cum 6.25		<u>159.20</u>	<u>152.95</u>

No. 3 Branch @ M.O-6-00 (KH. 1.200) of PP Scheme Main Channel

Pipe No	off Take Milage	R or L	Q of Pipe	Village	Locati-on of Pipe R.S.No	Extent
1	0-0-0	L	6"	Vizzeswaram	53	33 27
2	0-0-0	R	9"	"	53	67 55
3	0-4-600	L	9"	Puvushothapalli	77	57 76
4	0-4-600	R	12"	"	77	202 48
5	0-7-330	R	12"	"	72	107 24
6	1-0-550	L	12"	"	35	116 12
7	1-0-550	R	6"	"	35	48 48
						<u>629 90</u>

ABSTRACT

1	Vizzeswaram	100.82
2	Puvushothapalli	529.08
Total		<u>629.90</u>

PIPE LIST

No. (4) Branch @ M. 1-7-00 (KM. 3.000) of P.P. Scheme Main Channel.

Pipe No.	Off Take Mileage	R or L	Q of Pipe	Village	Location of Pipe	Extent
1	0-0-00	L	6"	Puvushothapalli	95	9 52
2	0-1-430	L	6"	Pandalaparu	45	45 08
3	0-1-430	R	12"	"	45	187 50
4	0-3-230	L	6"	"	41	28 11
5	0-3-560	TE	9"	"	33	93 19
						363 40

ABSTRACT

Puvushothapalli (V) 9.52
 Pandalaparu 256-75
 D. Huppavaram 70.93
 363.40

No. (5) Branch @ M. 2-2-000 (KM. 3.400) of P.P. Scheme Main Channel.

Pipe No.	Off Take Mileage	R or L	Q of Pipe	Village	Location of Pipe	Extent
1	0-0-330	R	8"	Pandalaparu	59	39 10
2	0-0-330	L	8"	"	59	160 39
3	0-3-540	R	8"	"	125	122 12
						221 61

ABSTRACT

Pandalaparu - 221-61

PIPE LIST

No. (6) Branch @ M. 2-4-0 (KM. 4.000) of P.P. Scheme Main Channel.

Pipe No.	Off Take Mileage	R or L	Q of Pipe	Village	Location of Pipe	Extent
1	0-1-300	L	12"	Pandalaparu	123	191 79
2	0-2-400	R	12"	"	120	202 20
3	1-2-360	TE	9"	Kalavachala	96	101 36
						495 35

ABSTRACT

No. (7) Branch @ M. 3-0-300 (KM. 4.900) of P.P. Scheme Main Channel.

Pipe No.	Off Take Mileage	R or L	Q of Pipe	Village	Location of Pipe	Extent
1	0-0-550	R	8"	Jeedigunta	32	48 15
2	0-0-550	L	10"	"	32	90 03
3	0-6-615	L	8"	"	4	79 20
4	0-6-615	R	8"	Kalavachala	110	48 99
5	1-0-360	R	12"	"	214	137 20
6	1-3-330	R	10"	"	224	118 76
						522 33

ABSTRACT

Jeedigunta - 217.38
 Kalavachala - 304.95
 522.33

PIPE LIST

No. 8 Branch @ M. 3-1-400' (KH. 56123) of P.P. Scheme Main Channel.

Pipe No	Off take Mileage	R or L	Ø of Pipe	Village	Locat. - no. of pipe Rm	Extent A c
1	0-0-162	R	8"	Teedigunta	32	65.06
2	0-4-000	R	12"	-	63	142.71
3	0-6-610	R	12"	-	-	137.95
4	1-0-40'	R	12"	Korupalli	65	149.76
5	1-0-110	R	12"	-	65	101.53
	KH. 123			Munipalli		44.35
						641.36

ABSTRACT

Teedigunta 345.72
 Korupalli 251.29
 Munipalli 44.35
641.36

PIPE LIST

No. 9 Branch @ M. 4-1-00 (KH. 60600) of P.P. Scheme Main Channel.

Pipe No	Off Take Mileage	R or L	Ø of Pipe	Village	Locat. of pipe Rm	Extent A c
1	0-0-00	L	9"	Pendyala	2	146.19
2	0-0-00	R	6"	-	2	10.28
3	0-2-220	R	6"	Korupalli	-	17.71
4	0-4-000	L	6"	-	-	70.84
5	1-0-330	L	6"	-	86	49.77
6	1-0-330	L	9"	-	89	94.30
7	1-4-330	L	9"	-	-	119.00
8	1-4-330	R	9"	-	-	65.82
				Munipalli		56.48
						630.09

ABSTRACT

Korupalli 417.14
 Munipalli 56.48
 Pandyala 156.47
630.09

PIPE LIST

No. (10) Branch @ H. 4-5-000 (KM. 7.400) of P.P. Scheme Main channel

Pipe No.	Off Take Mileage	R/L	D of Pipe	Village	Locati-on of Pipe R/S No.	Extent.	
						Ac	C
1	0-0-0	L	9"	Pendyala	57	68	28
2	0-3-220	L	6"	- -	40	6	32
3	0-3-220	R	9"	- -	40	58	42
				Kanuvu		82	38
4	0-6-220	R	9"	Pendyala	32	33	18
				Kanuvu		88	85
5	1-0-600	L	6"	- -	114	8	40
6	1-4-520	L	9"	- -	81	144	56
7	2-0-60	L	9"	- -	77	108	61
8	2-0-110	L	9"	- -	71	107	74
9	2-0-110	R	9"	- -	64	28	90
10	2-1-40	L	12"	SYPHONS	62	127	58
11	2-2-550	R	9"	- -	59	41	54
12	2-2-600	TE	9"	- -	48	200	53
KM. 3.304						1105	31

ABSTRACT

Pendyala	166-20	26
Kanuvu	939-11	3
	<u>1105-31</u>	

PIPE LIST

No. (11) Branch @ H. 5-3-570 (KM. 8.765) of P.P. Scheme Main channel.

Pipe No.	Off Take Mileage	R/L	D of Pipe	Village	Locati-on of Pipe R/S No.	Extent.	
						Ac	C
1	0-0-00	R	12"	Pendyala	101	122	83
2	0-4-60	R	12"	Kanuvu	120	122	57
3	0-6-260	R	12"	Kanuvu Agraharam	1	110	40
4	1-0-00	R	12"	- -	Block T	138	30
5	1-0-00	TE	9"	- -		136	00
KM. 1.609						630	10

ABSTRACT

Pendyala	122-83	Ac
Kanuvu	122-57	Ac
Kanuvu Agraharam	384-70	Ac
Total	<u>630-10</u>	

No. (12) Branch @ H. 7-0-330 (KM. 11.300) of P.P. Scheme Main channel. 0.855 KM

1			Kanuvu Agraharam	240	00
---	--	--	------------------	-----	----

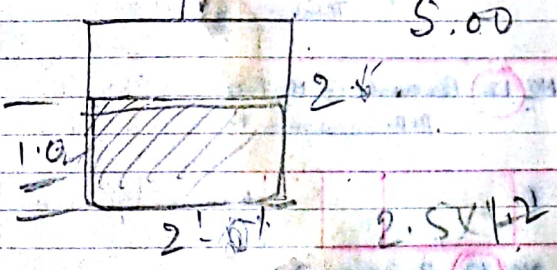
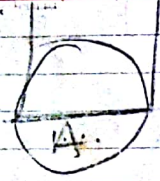
No. (13) Branch @ H. 7-6-00 (12.400) of P.P. Scheme Main channel.

1			Kanuvu Agraharam	37	95
			Udumuru	78	05
				<u>116</u>	

PIPE LIST.

No. 14 Branch @ N. 8-7-00 (14,200) of P.P. Scheme Main Channel.

Pipe No.	Off Take Village	R/W L	Q of Pipe	Village	locati-on of Pipe R/S	Extent
1	8-7-00 of Main Channel		9"	Zdunnamam.	140	127 95
2	9-0-00 of Main Channel		9"		145	146 44
					274	39



6
A. Area of water way

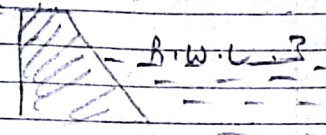
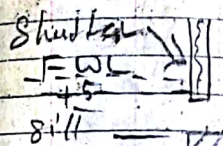
296

$$6 \times 0.046 \times \sqrt{0.5}$$

$$6 \times 0.046 \times 0.71$$

1.95

discharge



Discharge = $\frac{GA}{4}$

$$6 \times (2.5 \times 1) \sqrt{1} = 15$$

$$H = \frac{FR - KR}{G}$$

$$6 \times 1.35 = 17.82$$

$$6 \times 0.815 =$$

Reach wise Hydraulic Particulars of KANURU Channel.

Sl No	Reach		Bed level	F.S.D	F.S.L	Bed width	Bed fall
	From	To					
1	N-0-00 KM-0-00	1-7-00 KM-3-000					
2	1-7-00 KM-3-000	2-5-00 KM-4-200					
3	2-5-00 KM-4-200	4-1-00 KM-6-600					
4	4-1-00 6-600	5-1-00 KM-8-200					
5	5-1-00 KM-8-200	6-0-00 KM-9-600					
6	6-0-00 KM-9-600	7-0-00 KM-11-200					

Sl No	Reach		Bed level	F.S.D	F.S.L	Bed width	Bed fall
	From	To					
7	N-7-0-00 KM-11-200	8-7-260 KM-14-290					

13

Village Wise Agency of Kanuru channel.

1. Nidadavolu	866.90	878.04
2. D. Muppavaram	55.10	55.11
3. Kalava chaula	281.05	278.62
4. Muniipalli	600.51	590.01
5. Nadupalli kota	113.25	114.21
6. Kanuru	300.92	388.31
7. K. Agraharam	302.97	201.16
8. Urukumarra	206.70	231.74
Total	2727.40	2737.00

Channel wise Agency of Kanuru channel.

1. No 1 Branch chaul @ H. 3/7 + 330R	388.98	202.07
2. No 2 - " - CH 4/6 + 430R	410.35	410.35
3. No 3 - " - @ H. 5/4R	215.11	215.11
4. No 4 - " - @ H. 5/4R	342.73	342.73
5. Kalava chaula Branch @ H. 5/4R	320.73	320.73
6. No 5 Branch ch. @ H. 6/4 + 52R	310.59	310.59
7. No 6 Nadupalli @ H. 7/4 + 180R	114.21	114.21
8. Direct pipe @ H. 8/4 + 52L	175.62	175.62
9. No 7 Branch ch @ H. 8/5 + 620.	620.62	620.62

No corrections are made
 as per the collector's
 letter No 14049/A/66(A2) 30/67

2727.99
 2712.03

Kanuru channel

Name of Branch	Nidadavolu	D. Muppavaram	Kalava chaula	Muniipalli	Nadupalli	Kanuru	K. Agraharam	Urukumarra	Total
1. No 1 Branch	14826.55								202.07
2. No 2 - "	410.35								410.35
3. No 3 - "			215.11						215.11
4. No 4 - "			635.1	277.42					342.73
5. Kalava chaula Branch	320.73								320.73
6. No 5 Branch			310.59						310.59
7. No 6 - "				114.21					114.21
8. Direct pipe						175.62			175.62
9. No 7 Branch						212.69	201.16	206.77	620.62

Agri in crop
 Agency = 2737

Agency = 2712

As per pipe line = 25

Difference =

Road culvert @
 Kondalamma Temple
 n. 7-6-300
 sill + 33.69
 F.S.L + 36.61
 Vent 7x 7.0x 38
 Ditch 12 c/s

4-11-94 Ans per noted on culvert

Kannur Kanakals

1) Road Culvert @ H. 3-000 ✓
No 1 Sill +34.88
Pump out gate FSL = +38.61
Road Discharge = 47.3 c/s
Vent way = 2 x 7'0" x 6'0"
Area = 3310 Ac

2) Road culvert 3/4 + 200

Pump out gate
gate Ron

3) Road culvert @ H. 4/1 + 500 ✓
No 2 Sill +34.58
Pump out gate FSL = +38.11
Road Discharge = 47.3 c/s
Vent way = 2 x 7'0" x 6'53"

3000 sq ft area 4/1-2 RB
Sill + 34.58

4/4 End of
Hann

4) Culvert no 3 @ H 4-2-200
Pump out gate Sill + 34.26
Road FSL = +38.41
Vent 2 x 7'0" x 6'6.5"
Area = 3310

5) Road culvert no 4 @ H 4/6 + 330
Road crossing Sill + 34.46
Draw FSL = +37.91
Discharge = 47.3 c/s
Vent 2 x 7 x 4.45
Area = 3310 ac

6) R.C no 5/1-2 Kelavachal

7) R.C no 6 - 6/0 + 200
Village lands Sill + 34.20
K.C.P. Pump out gate FSL + 37.59
Crossing Vent = 2 x 3'6" x 2'80
Ac = 14.50

General Sir Arthur Cotton
R.B.K.C. 81
1803-1899

UT @ H. 6/3-4

Tripled Sec'n @ H. 6/4 + 93 Bill + 34.51
FSC - + 37.31

6/5 Turrip above Adiyandu Petu

6/6-7 - Culvert Hainjapna Munipali

7/0-2 ^{no} ① culv - Munipali (V) 7/1 + 500

7/6 + 60 - Pipe UT

7/6 + 210 Pipe U.T

RCA 8 ✓ @ H. 7/6 + 300 ✓

Kondhlemni Bill - + 33.69

Jangh PSL - 36.61

Disch - 12 c/s

Gas 800 Ac

Vent 1x7 - 0x3.80

July

RE no 9 - OKH. 8/0 + 50.

Kanuv Bill + 33.95

PSL - + 36.51

Vent 1x6 - 3.5

Disch - 12 c/s

Gas - 800 Ac

TD @ 17 8/5 + 510

Vent 5

Bill f + 33.50

5/0-1 LB - 1 no Rain Tree

3'-0

14

Area of PIPES when partly open

dia Pipe	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	
3"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4"	0.022	0.053	0.093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5"	0.025	0.065	0.106	0.149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6"	0.028	0.073	0.123	0.168	0.196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7"	0.030	0.081	0.134	0.186	0.237	0.267	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8"	0.033	0.088	0.152	0.219	0.281	0.331	0.369	-	-	-	-	-	-	-	-	-	-	-	-	-
9"	0.035	0.095	0.165	0.242	0.313	0.379	0.429	0.442	-	-	-	-	-	-	-	-	-	-	-	-
10"	0.037	0.101	0.176	0.259	0.342	0.421	0.489	0.528	0.545	-	-	-	-	-	-	-	-	-	-	-
11"	0.038	0.106	0.187	0.277	0.368	0.457	0.540	0.611	0.657	0.66	-	-	-	-	-	-	-	-	-	-
12"	0.040	0.112	0.198	0.293	0.393	0.492	0.587	0.674	0.737	0.78	-	-	-	-	-	-	-	-	-	-
15"	0.045	0.127	0.224	0.338	0.458	0.582	0.707	0.829	1.052	1.144	1.211	1.227	-	-	-	-	-	-	-	-
18"	0.050	0.140	0.251	0.378	0.516	0.660	0.809	0.959	1.107	1.252	1.388	1.546	1.627	1.717	1.767	-	-	-	-	-
21"	0.05	0.15	0.27	0.42	0.57	0.73	0.90	1.07	1.258	1.42	1.60	1.76	1.91	2.06	2.20	2.31	2.38	2.41	-	-
24"	0.056	0.163	0.28	0.44	0.61	0.79	0.978	1.175	1.371	1.57	1.77	1.968	2.16	2.348	2.53	2.69	2.85	2.98	3.08	-
30"	-	0.20	-	0.51	0.7	1.01	-	1.35	-	1.84	-	-	-	3.10	-	-	-	-	-	-

Like 'Q'

6.300

$$Tall \rightarrow \frac{\pi D^2}{4}$$

$$= \frac{22}{7} \times \frac{(1.50)^2}{4}$$

$$= \frac{22}{7} \times \frac{1.50 \times 1.5}{4}$$

$$= 3.142 \times 0.562$$

$$1.767$$

Section
 6×1.767

Section
 $6 \times 1.767 \times \sqrt{0.50}$

$$= 6 \times 1.767 \times 0.71$$

$$= 7.52$$

Table for Calculation Discharges of Sluice for

Head	\sqrt{H}	$5\sqrt{H}$	$6\sqrt{H}$	$H^{3/2}$
0.05	0.22	1.10	1.32	-
0.1	0.32	1.58	1.90	0.03
0.2	0.45	2.23	2.68	0.09
0.3	0.55	2.74	3.29	0.16
0.4	0.63	3.16	3.80	0.25
0.5	0.707	3.54	4.24	0.35
0.6	0.774	3.87	4.65	0.46
0.7	0.84	4.19	5.02	0.59
0.8	0.89	4.27	5.36	0.72
0.9	0.95	4.74	5.69	0.85
1.0	1.00	5.00	6.00	1.0
1.1	1.05	5.25	6.29	1.15
1.2	1.10	5.47	6.57	1.31
1.3	1.14	5.70	6.84	1.48
1.4	1.18	5.91	7.10	1.66
1.5	1.23	6.12	7.35	1.84
1.6	1.27	6.32	7.59	2.02
1.7	1.30	6.52	7.82	2.22
1.8	1.34	6.71	8.08	2.41
1.9	1.38	6.91	8.27	2.62
2.0	1.41	7.05	8.48	2.83
2.1	1.45	7.25	8.68	3.04
2.2	1.48	7.41	8.90	3.26
2.3	1.52	7.58	9.10	3.49
2.4	1.55	7.75	9.29	3.72

Page - 2

Head	\sqrt{H}	$5\sqrt{H}$	$6\sqrt{H}$	$H^{3/2}$
2.5	1.58	7.91	9.49	3.95
2.6	1.61	8.06	9.68	4.19
2.7	1.64	8.21	9.86	4.44
2.8	1.67	8.36	10.04	4.69
2.9	1.70	8.51	10.22	4.94
3.0	1.73	8.66	10.39	5.20
3.1	1.76	8.81	10.57	5.46
3.2	1.79	8.94	10.73	5.72
3.3	1.82	9.08	10.90	6.00
3.4	1.84	9.22	11.06	6.27
3.5	1.87	9.35	11.23	6.55
3.6	1.90	9.48	11.38	6.83
3.7	1.92	9.62	11.54	7.12
3.8	1.95	9.75	11.69	7.41
3.9	1.98	9.87	11.85	7.70
4.0	2.00	10.00	12.00	8.00
4.1	2.03	10.12	12.15	8.30
4.2	2.04	10.24	12.29	8.61
4.3	2.07	10.37	12.41	8.92
4.4	2.09	10.49	12.59	9.23
4.5	2.12	10.60	12.73	9.55
4.6	2.14	10.72	12.87	9.89
4.7	2.16	10.84	13.01	10.19
4.8	2.19	10.95	13.15	10.57
4.9	2.21	11.07	13.28	10.85

Page - 3

Head	\sqrt{H}	$5\sqrt{H}$	$6\sqrt{H}$	$H^{3/2}$
5.0	2.23	11.18	13.42	11.18
5.1	2.26	11.29	13.55	11.51
5.2	2.28	11.40	13.68	11.85
5.3	2.30	11.51	13.81	12.22
5.4	2.32	11.62	13.94	12.54
5.5	2.35	11.73	14.08	12.89
5.6	2.37	11.83	14.20	13.24
5.7	2.39	11.94	14.33	13.60
5.8	2.41	12.04	14.45	13.96
5.9	2.43	12.15	14.58	14.32
6.0	2.45	12.25	14.74	14.70
6.1	2.47	12.35	14.82	15.06
6.2	2.49	12.45	14.94	15.43
6.3	2.51	12.55	15.06	15.81
6.4	2.53	12.65	15.18	16.19
6.5	2.55	12.75	15.30	16.59
6.6	2.57	12.85	15.42	16.95
6.7	2.59	12.94	15.53	17.34
6.8	2.61	13.04	15.64	17.72
6.9	2.63	13.14	15.77	18.11
7.0	2.65	13.23	15.88	18.50
7.1	2.67	13.32	15.98	18.92
7.2	2.68	13.42	16.08	19.32
7.3	2.70	13.51	16.20	19.71
7.4	2.72	13.60	16.31	20.13

H.P's of G.W. Main Canal
M. 0/0 to 5/7 + 330

M. esem.	B.L	F.S.L	T.B.L	Bed with	CSEM	B.L	F.S.L	T.B.L	Bed with
0/0 0.000	9.035	12.754	13.67	72.00 AM	4.600	8.905	12.315	13.23	
0.200	9.015	12.734	13.65	71.20	3/0 4.800	8.887	12.291	13.212	
0.400	9.000	12.72	13.635	70.40	5.000	8.87	12.28	13.195	
0.600	8.98	12.70	13.615	69.60	5.200	8.852	12.262	13.177	
0.800	8.96	12.68	13.595	68.80	5.400	8.835	12.244	13.157	
1.000	8.94	12.66	13.575	68.00	5.600	8.817	12.227	13.142	
1.200	8.92	12.64	13.555	67.20	5.800	8.80	12.21	13.125	
1.400	8.90	12.62	13.535	66.40	6.000	8.783	12.193	13.108	
1/0 1.600	8.885	12.605	13.52	65.60 ✓	6.200	8.765	12.175	13.09	
1.800	8.865	12.6059	13.505	63.80	4/0 6.400	8.747	12.157	13.072	
2.000	8.850	12.59	13.485	62.00	1/0 6.500	8.73	12.14	13.050	82.00 M.
2.200	8.83	12.55	13.465	60.00	6.600	8.712	12.122	13.032	
2.400	8.81	12.53	13.445	58.30	6.800	8.693	12.103	13.018	
2.600	8.79	12.53	13.425	56.50	7.000	8.675	12.085	13.00	
2.800	8.77	12.495	13.41	54.60	7.200	8.657	12.067	12.985	
3.000	8.75	12.49	13.39	52.80	7.400	8.639	12.049	12.964	
2/0 3.200	8.73	12.46	13.375	51.00	7.600	8.620	12.030	12.945	
3.400	8.71	12.44	13.355	49.10	7.800	8.602	12.012	12.927	
3.600	8.69	12.42	13.335	47.30	5/0 8.000	8.583	11.993	12.908	
3.800	8.675	12.39	13.31	45.50	8.200	8.565	11.975	12.89	
2/3 3.900	8.665	12.385	13.30	44.50 ✓	8.400	8.547	11.957	12.872	
3/3 3.900	8.975	12.385	13.30	44.50	8.600	8.528	11.938	12.853	
4.000	8.957	12.367	13.282		8.800	8.509	11.919	12.834	
4.200	8.94	12.350	13.265		9.000	8.491	11.901	12.816	
4/6 4.400	8.922	12.332	13.247		9.200	8.473	11.883	12.798	

H.P
M.C

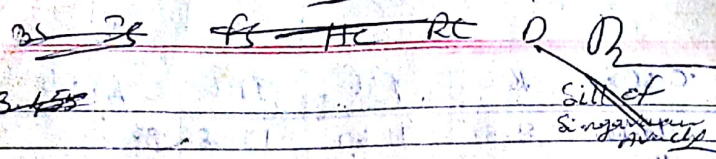
Page 3

Page 4

M. No.	B.L	FSL	TBL	B.W	C. S. M	B.L	FSL	TBL	B.W
5/10	9.400	8.455	11.865	12.785	000.0	14.000	8.81	11.67	12.58
	9.550	8.45	11.86	12.77	000.0	14.200	8.80	11.66	12.57
ELURU CANAL 5/7/330 & 12/10					9/10	14.400	8.79	11.65	12.56
6/10	9.600	8.93	11.85	12.765	000.0	14.600	8.78	11.64	12.55
	9.800	8.91	11.85	12.76	000.0	14.800	8.78	11.64	12.55
	10.000	8.92	11.85	12.76	000.0	15.000	8.77	11.63	12.54
	10.200	8.91	11.84	12.75	000.0	15.200	8.76	11.62	12.53
	10.400	8.90	11.83	12.74	000.0	15.400	8.75	11.61	12.52
	10.600	8.90	11.83	12.74	000.0	15.600	8.745	11.605	12.515
	10.800	8.90	11.83	12.74	000.0	15.800	9.14	11.12	12.03
	11.000	8.90	11.81	12.72	000.0	16.000	9.13	11.11	12.02
7/10	11.200	8.89	11.80	12.71	000.0	16.200	9.12	11.10	12.01
	11.400	8.89	11.80	12.71	000.0	16.400	9.10	11.08	11.99
	11.600	8.88	11.79	12.70	000.0	16.600	9.08	11.06	11.97
	11.800	8.88	11.79	12.70	000.0	16.800	9.06	11.04	11.95
	12.000	8.87	11.78	12.69	000.0	17.000	9.04	11.02	11.93
	12.200	8.87	11.78	12.69	000.0	17.200	9.02	11.00	11.91
	12.400	8.86	11.77	12.68	000.0	17.400	9.00	10.98	11.89
	12.600	8.86	11.77	12.68	000.0	17.600	8.98	10.96	11.87
8/10	12.800	8.85	11.76	12.67	000.0	17.800	8.96	10.94	11.85
	13.000	8.84	11.70	12.61	000.0	18.000	8.94	10.92	11.83
	13.200	8.84	11.70	12.61	000.0	18.200	8.91	10.89	11.80
	13.400	8.83	11.69	12.60	000.0	18.400	8.89	10.87	11.78
	13.600	8.82	11.68	12.59	000.0	18.600	8.87	10.85	11.76
9/10	13.800	8.81	11.67	12.58	000.0		8.85	10.83	11.74

Page - 5

Sill of 31.41



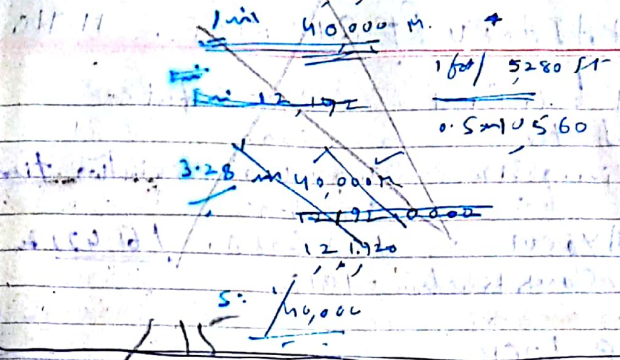
es en	B.C.	FSL	T.O.C.	B.W.
18.800	8.83	10.81	11.72	25.58
19.000	8.81	10.79	11.70	25.55
19.200	8.79	10.77	11.68	25.50

KAKARA PARU CANAL

5/7/33	9.500	8.74	11.86	12.77	32.17
6/10	9.600	8.73	11.84	12.75	
	9.800	8.70	11.81	12.72	
	10.000	8.68	11.78	12.69	
	10.200	8.66	11.75	12.66	
	10.400	8.63	11.72	12.63	
	10.600	8.61	11.69	12.60	
6/6	10.800	8.59	11.65	12.56	
	11.000	8.56	11.62	12.53	
	11.200	8.54	11.59	12.50	
	11.400	8.52	11.56	12.47	
	11.600	8.49	11.53	12.44	
	11.800				

10.005 M / 200 M

SM = 200,000
Unit 40,000 M



GOSTANADI WEIR 11.666

Formula: $3.25 L (A^{3/2} - H^{3/2})$
 Sill build. of weir. Crest: 31.72 feet
 Crest width: 3.7 feet
 No. of Vent: 3 nos.
 Size of weir Vent and Sill: 3'0" x 9'0" x 4'0"
 Tamboose Sill: 30.97
 Tamboose Vent: 1 x 2.0' x 2.75' feet
 Ist crop area cut: 68,026 Acres
 Year of construction: 1874.
 Weir Drop: 7.2'

Gostanadi Lock

Upper Sill	30.80 feet	No. of gate Vent Sill	2 nos.
Lower Sill	24.50 feet		2.0 x 2.25 feet
F. FSL	36.80 feet	Length of lock Chamber	108.0
R. FSL	29.72 feet	Width of lock Chamber	
Gate Vent Sill	31.30 feet		16.0 x 14.0

16

KAKAPARRU REGULATOR: @ 11.710

Sill b.w.l. Crest 27.82' feet / 8.418 M
 Shutter 8 nos.
 2 Tier. 3 size 9.0 x 4.0' each in two tiers
 9.0 x 4.0'
 P. Ayacut 150.608 Ac 161.422 Ac
 Construction: 1919.

K.K.P. LOCK

Upper Sill + 27.82' feet
 Lower Sill 27.82' feet
 F - ESL 36.82' feet
 R - ESL 36.32' feet
 Grab vent 2 nos x 2.6' x 2.60' feet
 Lock Chamber 16.3 x 21.80 x 12.0 feet
 Length A Chamber 15.0 x 20.00 x 18.00

Transplantation for 2nd crop to F. 1411.
 Mandel w.r. ayacut. in Chittoor
 Senti.

Sl	Mandel.	Paddy	Sugar	ID	TOTAL
1	Nidaval	9539	1794	-	11333
2	T.P. Guduru	2631	200	-	2831
3	Kovuru	74	-	-	74
4	Peralva	1770	1269	-	3039
TOTAL		13814	3263	-	17077

Statement showing the hearing dates of **SOUTH** **KOVVURU**

Sl. No.	O.S. NO.	I.A. NO.	Batch NO.	Name of Claimant	Village
1	87/85		BATCH NO. 1		
2	85/85				
3	89/85				
4	91/85				
5	93/85				
6	125/85				
7	129/85				
8	131/85				
9	139/85				
10	141/85				
11	157/85				
12	259/85				
13	529/86			Shri E.K.V. Prasad	Korupalle
14	531/86			Shri P. Sathisaju	Kalamichala
15	87/88				
16	221/89				
17	151/90				
18	89/93				
	47/84			Kommusetti Kanaka Rao of Kanuru 3ND of P.P.S.	

N.W. K.V. C.M. 12998
 F.T. 61501
 Standby C.M. 11150
 11,398
 4079
 15,477
 Pongondra
 P...

550 X 25 X 0.15 = 206.25
 550 X 25 X 0.15 = 206.25

Canal wise Ayacut Particulars of

G. W. Division

1. G. W. Main canal.	
(a) P. P. Scheme System	6626 Ac
(b) Kanuru Channel System	2737 Ac
(c) Direct Irrigation	23635 Ac
2. Eluru Canal	61393 (60546) Ac
3. Kakavapattu Canal	23328 Ac
4. Bank Canal	46617 Ac
5. Narsapur Canal	91920 Ac
6. G. & V. Canal	68369 Ac
7. Attili Canal	50756 Ac
8. Junction Canal	25339 Ac
9. V. & W. Canal	59809 Ac
10. Undi Canal	81805 Ac
11. O.W. Canal	8083 Ac
Total	5,20,247

Ayacut of Chettipeta Section

1. P. P. Scheme	6626 Ac
2. Kanuru Channel System	2737 Ac
3. G. W. Main canal	3635 Ac
4. Eluru Canal	4079 (4085) Ac
	17083 Ac
	17079 Ac

Sub-Division wise Ayacut Particulars in

G. W. Division

1. T. P. Guduru - 89,520 - G.W. Main canal	3635 Ac
Eluru Canal	60,546 Ac
Junction Canal	25,339 Ac
P.P. Scheme	6,626 Ac
Kanuru Canal	2,737 Ac
(Narasimhalichau EXT)	847 Ac
2. Tanuru - 1,19,125 - Attili Canal	50,756 Ac
G & V Canal	68,369 Ac
3. Narsapur - 1,61,905 - Kakavapattu Canal	23,328 Ac
Bank Canal	46,617 Ac
Narsapur Canal	91,920 Ac
4. Undi - 1,49,697 - V & W. Canal	59,809 Ac
O.W. Canal	8,083 Ac
Undi Canal	81,805 Ac
Total	5,28,676
Total	5,20,247

Section wise Ayacut in T. P. Guduru Sub-Division

1. T. P. Guduru Section: 22466 (21,882)	Eluru Canal
2. Gundugolamu Section	35432 - do -
3. Peeta padu Section	25339 Junction Canal
4. Chettipeta	17077
Total	100314

P. Satyanarayana Murthy.

I. C. Asst.

Canal Section

Chetti Peta

51-
8-9
11-52-1085
2-24
067