

REVIEW ON CAD&WM PROGRAMME IN ASSAM

- The CAD&WM Programme in Assam is in initial stage though it was started in the year 1974-75. Keeping the main objective of CAD&WM Programme, 10 nos. of Schemes were taken up under CAD&WM Programme, Assam till date out of which 3 Nos. of schemes (Jamuna I/S, Kaliabar LIS & Sukla I/S) have already completed and 49235 Ha. area could be achieved, 4 nos. (Kaldiya I/S, Dekadong I/S, Bardikarai I/S & Pahumara CAD Scheme) are in On-going stage and remaining 3 nos. of schemes (Dhansiri CAD Scheme, Maloibari LIS & Champamati CAD scheme) have recently included under this Programme. Out of 4 On-going schemes, physical works of 2 nos. of schemes (Kaldiya & Dekadong I/S) are almost completed leaving a few liabilities. After completion of remaining 7 nos. of schemes we can utilize an ultimate potential of 150133 Ha.
- At present in Assam we have taken up 778 nos. of M.I. Schemes under AIBP out of which 434 nos. schemes are completed, remaining schemes are in on-going stage. As the CAD works are to be implemented "*Pari-Passu*" with the AIBP schemes, the above 778 nos. schemes have to be included under CAD&WM Programme and after completion of CAD part of the schemes, total 3,69,569.00 Ha irrigation potential can be fully utilized.

For implementation of Command Area Development and Water Management(CAD&WM) Programme 10 nos. Of Scheme included under this programme . The physical and financial status up to 31st January/2015 of these schemes are as follows.

Name of the Scheme	Year of Inclusion	Est. Cost & C.C.A.	Physical Achievement	Financial Achievement	Remarks.
Jamuna I.S	1974-75	Rs.2057.00L (27705) Ha	95.22% (26380 Ha)	2849.76 L	Completed 2003-04
Kaliabor L.I.S.	1983-84	Rs.1973.00 L (9700) Ha	95.36% (9250 Ha)	1167.21 L	Completed 2003-04
Sukla I.S	1983-84	Rs.2128.00L (17200) Ha	79.10% (13605Ha)	1864.46 L	Completed 2003-04
Kaldiya I/S	1992-93	Rs.1683.00L (9716) Ha	82.44% (8018Ha)	1543.08 L	On-going
Dekadong I/S	1992-93	Rs.770.73L (4332) Ha	89.80% (3890Ha)	692.73 L	On-going
Bardikarai I/S	1992-93	Rs.3915.00L (16994)Ha	10.30% (1750Ha)	355.54 L	On-going
Pahumara I/S	2010-11	Rs.3353.00L (9259)Ha	10.80% (1000Ha)	102.59 L	On-going
Dhansiri I/S	2014-15	Rs.16347.00L (41683)Ha	NIL	NIL	Recently included during the Financial year 214-15
Champamati I/S	2014-15	Rs.3503.46 L (17414Ha)	NIL	NIL	Received Investment clearance
Maloibari I/S	2014-15	Rs.1087.87 L (1500Ha)	NIL	NIL	Recently included during the Financial year 214-15
Total		Rs.36818.06 L 155503Ha	63893 Ha	Rs.8575.37 L	

CAD TO KALDIYA I/P

District :- Barpeta.

Division:- Pathsala Division, Irrigation, Pathsala.

Location:- 120 Km from Guwahati towards west

Latitude :- 26°- 03'- 50" N

Longitude :- 93°- 24'- 50" E

INCLUSION :- 1992-93

Sources :- River Kaldiya.

Estimated Cost :- 1683.00 L , CCA :- 9716 Ha

Achievement :- Physical :- 8018 Ha (82.52%)

Financial :- 1543.07 L (91.69%)

Works:- Completed survey & field channel as per DPR.

Field Channel : Brick Line- 44.90KM, Earthen- 179.60 KM

As the scheme is nearly in completion stage the proposal for

inclusion of Land leveling, Micro Irrigation, Reclamation of

Water Logged Area , Adaptive Trial, Demonstration & Correction of System Deficiency is considered as nil.



CAD TO DEKADONG I/P

District :- **Barpeta & Baksa**
Division :- **Pathsala Division, Irrigation, Pathsala.**
Location :- **130 Km from Guwahati towards west**
Latitude :- **26°- 03'- 50" N**
Longitude :- **93°- 24'- 50" E**
Inclusion :- **1992-93**
Sources :- **River Dekadong.**
Estimated Cost :- **770.73. L ,**
CCA :- **4332 Ha**
Achievement :- Physical :- **3890 Ha (89.80%)**
Financial :- **692.725 L (89.88%)**

works :- completed survey & field channel as per DPR.

Field Channel : Brick Line- **21.78KM**, Earthen- **87.14 KM**

As the scheme is nearly in completion stage the proposal for inclusion of **.Land leveling, Micro Irrigation, Reclamation of Water Logged Area , Adaptive Trial, Demonstration & Correction of System Deficiency** is considered as nil.



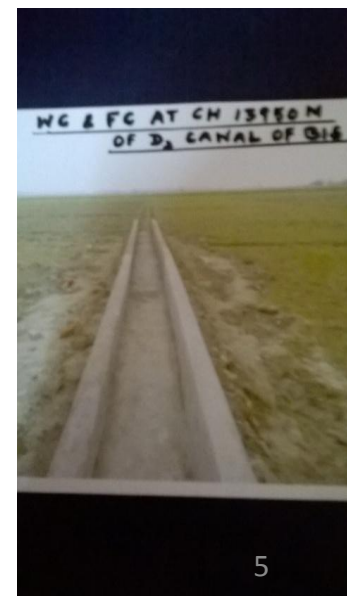
CAD TO BORDIKARAI I/P

District :- **Sonitpur.**
Division:- **Itakhola Division, Itakhola.**
Location:- **250 KM from Guwahati towards east**
Latitude :- **26° 25" N to 26° 37" N.**
Longitude :- **91° 01" E to 91° 10" E.**
Inclusion :- **1992-93**
Sources :- **River Jia Bharali**
Estimated Cost :- **3915.00 L , CCA :- 16994 Ha**
Achievement :- Physical :- **1750 Ha (10.30%)**
Financial :- **355.56 L (9.08%)**

works: Survey works completed, field channel
executed till: – Brick lined -**9.80 KM**, Earthen- **39.20KM**

Consideration of new proposal under sub-head as follows:-

1. Land leveling - Nil
2. Micro Irrigation -1700 Ha
3. Reclamation of Water Logged Area - Nil
4. Adaptive Trial - Nil
5. Demonstration - Nil
6. Correction of System Deficiency - 2000 Ha



PAHUMARA CAD PROJECT

District :- **Barpeta & Baksa**

Division:- **Pahumara Rupahi Division, Irri., Sarupeta.**

Location:- **150 KM from Guwahati.**

Latitude :- **N 24° to N 27°**

Longitude :- **E 90° to E 96°**

Inclusion:- 2010-11 Sources :- **River Pahumara.**

Estimated Cost :- **3353.00 L, CCA :- 9259 Ha.**

Achievement :- Physical :- **1000 Ha (10.80%)**

Financial :- **102.59 L (3.06%)**

works :- survey works completed . Field channel completed till :-
Brick Line- **6.23KM**, Earthen- **33.03KM**

Consideration of new proposal under sub head as follows:

- 1. Land leveling - Nil**
- 2. Micro Irrigation - 926 Ha**
- 3. Reclamation of Water Logged Area - 60 Ha**
- 4. Adaptive Trial – 4 Nos.**
- 5. Demonstration– 4 x3Ha**
- 6. Correction of System Deficiency - 2805**



DHANSIRI CAD PROJECT

NEWLY INCLUDED-2014-15

District :- **Udalguri**

Division:- **1.Dhansiri Project Weir Div., 2.Dhansiri Project Div. Canal-I & 3.Dhansiri Project Div.Canal-II**

Location:- **180 Km from Guwahati**

Latitude :- **N -26⁰- 53' - 20.75"**

Longitude :- **E - 92⁰ -7' - 12"**

Sources .:- **Dhansiri River**

Estimated Cost :- **16347.80 L,** CCA :- **41683 Ha**

Achievement :- Physical :- **Nil** Financial :- **Nil**

Proposal of works

1. Land leveling - Nil

2. Micro Irrigation -4169 Ha

3. Reclamation of Water Logged

4. Adaptive Trial – 25 Nos.

5. Demonstration – 2x3 Ha

6. Correction of System

Area-2000 Ha

Deficiency - 10000 Ha

MALOIBARI LIS CAD PROJECT

NEWLY INCLUDED-2014-15

District :- **Kamrup (Metro)**

Division:- **Guwahati Division, Irrigation, Ulubari.**

Location:- **45 KM from Guwahati**

Latitude :- **N 26^o-7' to N 26^o-12'** Longitude :- **E 92^o-1'to E 90^o-8'**

Sources of River :- **Kollong River**

Estimated Cost :- **1087.87 L,**

CCA :- **1500 Ha**

Achievement :- **Physical :- Nil**

Financial :- **Nil**

Proposal of works

1. Land leveling - 250 Ha

2. Micro Irrigation -150 Ha

**3. Reclamation of Water Log-
Area -750 Ha**

4. Adaptive Trial – 30 Nos.

5. Demonstration – 2 x 3Ha

**6. Correction of System
Deficiency - 1350 Ha**

CHAMPAMATI CAD PROJECT

RECEIVED INVESTMENT CLEARANCE

District :- Kokrajhar, Chirang & Bongaigaon

Division:- Champamati Project Div.No.I & Champamati Canal Div.

Location:- 250 Km from Guwahati

Latitude :- N - 26^o- 36'

Longitude :- E - 90^o - 22'

Sources of River :- Champamati River

Estimated Cost :- 3503.46 L

CCA :- 17414 Ha

Achievement :- Physical :- Nil

Financial :- Nil

Proposal of works

1. Land leveling - Nil

2. Micro Irrigation -1509.40 Ha

**3. Reclamation of Water Log-
Area -Nil**

4. Adaptive Trial -20 Nos.

5. Demonstration – 4x3 Ha

**6. Correction of System
Deficiency – 15035.55 Ha**

PROPOSAL OF WORKS INCLUDE UNDER CAD&WM PROGRAMME, ASSAM

Name of scheme	Land levelling	Micro Irrigation	Reclamation of Water Logged Area	Adaptive trial	Demonstration	Correction of System Deficiency
Bardikarai	Nil	1700 Ha	Nil	Nil	Nil	2000 Ha
Pahumara	Nil	926 Ha	60 Ha	4 Nos.	4x3Ha	2805 Ha
Maloibari LIS	250 Ha	150 Ha	750 Ha	30 Nos.	2x3Ha	1350 Ha
Dhansiri	Nil	4169 Ha	2000 Ha	25 Nos.	2x3Ha	10000 Ha
Champamati	Nil	1509.40 Ha	Nil	20 Nos.	4x3Ha	15035.55 Ha
Total	250 ha	8454.40 Ha	2810 Ha	79 Nos.		31190.55 Ha

PHYSICAL & FINANCIAL PROPOSALS OF CAD SCHEMES, ASSAM

Name of scheme	Target	Land levelling	Micro Irrigation	Reclamation of Water Logged Area	Adaptive trial	Demonstration	Correction of System Deficiency
Bardikarai	Physical	Nil	1700 Ha	Nil	Nil	Nil	2000 Ha
	Financial	Nil	850.00	Nil	Nil	Nil	160.00
Pahumara	Physical	Nil	926 Ha	60 Ha	4 Nos.	4x3Ha	2805 Ha
	Financial	Nil	463.00	12.00	9.50	2.40	224.40
Maloibari LIS	Physical	250 Ha	150 Ha	750 Ha	30 Nos.	2x3Ha	1350 Ha
	Financial	125.00	75.00	150.00	17.93	1.20	108.00
Dhansiri	Physical	Nil	4169 Ha	2000 Ha	25 Nos.	2x3Ha	10000 Ha
	Financial	Nil	2084.50	400.00	16	1.20	800.00
Champamati	Physical	Nil	1509.40 Ha	Nil	20 Nos.	4x3Ha	15035.55 Ha
	Financial	Nil	754.70	Nil	11.88	2.40	1202.84
Total	Physical	250 ha	8454.40 Ha	2810 Ha	79 Nos.	12x3Ha	31190.55 Ha
	Financial	125.00	4227.20	562.00	55.31	7.20	2495.24

At present in Assam we have taken up 778 nos. of M.I. Scheme under AIBP out of which 434 nos. schemes are completed, remaining schemes are in on-going stage. As the CAD works are to be implemented “Pari Passu” with the AIBP schemes, the above 778 nos. schemes are to be included under CAD&WM Programme and after completion of CAD part of the schemes, total 3,69,569.00 Ha irrigation potential can be fully utilized.