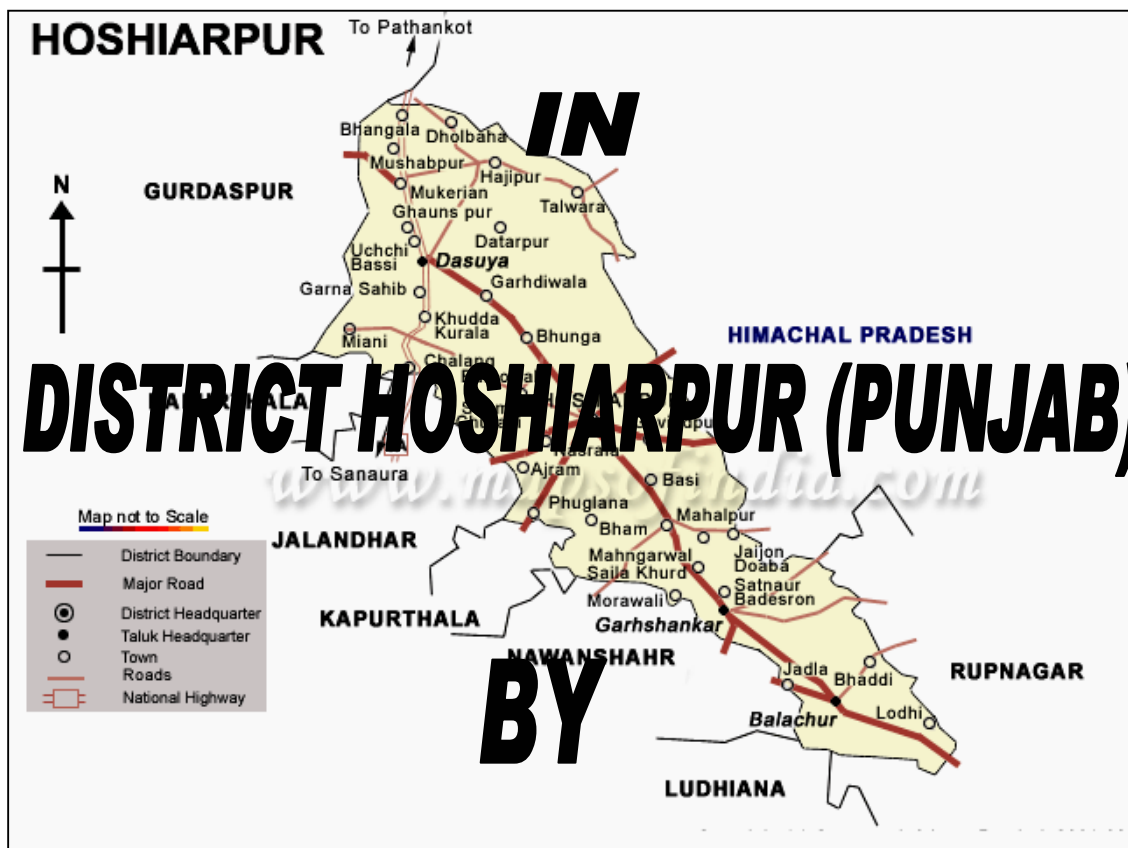


# CONVERGENCE PLAN BETWEEN NREGA- WATER RESOURCES

(PUNJAB IRRIGATION)



**KANDI AREA DEVELOPMENT PROJECT**

**KANDI CANAL CIRCLE HOSHIARPUR**

# **KANDI AREA DEVELOPMENT PROJECT** **DEPT. IRRIGATION.**

AREA LYING BETWEEN CHANDIGARH, HOSHIARPUR, DASUYA, MUKERIAN ROAD AND SHIVALIK FOOT HILLS IN PUNJAB IS KNOWN AS **KANDI AREA**. THE GOVT. OF PUNJAB INITIATED AN AMBITIOUS PROGRAMME FOR DEVELOPMENT OF IRRIGATION FACILITIES IN KANDI AREA BY CONSTRUCTING KANDI CANAL IN TWO STAGES.

**KANDI CANAL STAGE -1** - 0-59.50 KM (ALREADY CONSTRUCTED FROM TALWARA TO HOSHIARPUR.

LENGTH OF DISTY./MINORS - 60.732 KM.

LENGTH OF LINED WATER COURCES - 610 KM.

**KANDI CANAL STAGE-II** - 59.50 TO 130.00KM APPROVED BY C.W.C. & BEING FUNDED UNDER ACCELERATED IRRIGATION BENEFITS PROGRAMME (A.I.B.P.) SCHEME UNDER CONSTRUCTION FROM HOSHIARPUR TO BALACHOUR.

LENGTH OF DISTY./MINORS - FLOW- 72 KM.  
LIFT - 53.25 KM.

LENGTH OF LINED/WATER COURCES - 680KM.

# KANDI AREA DEVELOPMENT PROJECT - KANDI CANAL DISTT. HOSHIARPUR

SR. NO.	DESCRIPTIONS	KANDI CANAL STAGE-I (TALWARA HOSHIARPUR	KANDI CANAL STAGE- II (HOSHIARPUR TO BALACHOUR)
1.	COMMAND AREA UNDER IRRIGATION	19867 Ha.	21176 Ha.
2.	NO. OF VILLAGES BENEFITED	215	218 (146 in Hoshiarpur Distt. Only)
3.	INCREASE IN YIELD/ANNUM OF FOOD GRAIN.	47550 Tonnes	62130 Tonnes
4.	LENGTH OF MAIN CANAL	59.50 Km.	70.50 Km. (52.50 Km. in Distt. Hoshiarpur Only)
5.	LENGTH OF DISTY/MINORS	60.732 Km.	72.00 Km.
6.	LENGTH OF LINED WATER COURSES	610 Km.	680 Km.
7.	SERVICE ROAD	50.50 Km.	70.50 Km. (52.50 Km. in Distt. Hoshiarpur Only)
8.	CATTLE GHAT	27	30

# **BENEFITS OF CANAL IRRIGATION IN DISTT. HOSHIARPUR**

- DEVELOPMENT OF IRRIGATION POTENTIAL WILL BOOST AGRICULTURAL PRODUCTION.
- OVERALL SOCIO-ECONOMIC UPLIFT IN THE KANDI AREA
- ASSURED IRRIGATION FACILITIES.
- WATER FOR ANIMALS.
- RECHARGING GROUND WATER TABLE.

# **PROBLEMS RELATED TO IRRIGATION IN DISTT HOSHIARPUR**

- Lack of Irrigation facilities in Sub- mountainous area.
- Small landholdings & poor economic condition of farmers.
- Underground water table very deep.
- Severe soil erosion due to undulated topography.
- Frequent Damages to Lined Water Courses.
- Numerous Choe X-ings.(SEASONAL STREAMS)

## **PROGRAMMES OF MOWR**

- ACCELERATED IRRIGATION BENEFITS PROGRAMME.
- FLOOD CONTROL AND RIVER MANAGEMENT WORKS
- CAD AND WATER MANAGEMENT PROGRAMME.

# **IMPLEMENTATION PLAN FOR IRRIGATION UNDER NREGA IN HOSHIARPUR**

1. Clearance of Silt/ Muck/Debris from Main Canal/  
Distributaries.
2. Removal of Weed Jala.
3. Strengthening - banks of main Canal/  
Distributaries.
4. Filling of Hollow Joints in lined sections.
5. Jungle clearance from banks of canal.

# **DIFFICULTIES/CHALLENGES IN CONVERGENCE (IMPLEMENTATION UNDER) NREGA**

- Very short closure period as canal runs/flows almost throughout the year to provide irrigation facilities to various crops / drinking water facilities, to both humans and animals.
- More man power required in short period (which is usually not available for stipulated period).
- Progress achieved is less than stipulated norms.
- In maintenance work, except cleaning of canals, material component is more than the stipulated ratio.

**THANK YOU**