

JOINT INSPECTION REPORT OF THE PROPOSED BUS STAND SITE AT THIRUMANILAIYUR VILLAGE, KARUR TALUK, KARUR DISTRICT

The Karur Municipal Corporation is executing the new Bus stand works at Thirumanilaiyur village, Karur Taluk, Karur District.

The District Collector, Karur have instructed on 22.01.2023 to Executive Engineer, WRD, Amaravathi Basin Division, Dharapuram, Municipal Engineer, Karur Corporation and Joint Director of Agriculture, Karur District to have joint inspection and study the existing condition of the Field Bothies and to submit the feasibility report for the proposed change in alignment of Field Bothies along the boundaries of Bus stand site to supply water for irrigation to the downstream side fields.

The Joint inspection was made by The Executive Engineer, WRD, Amaravathi Basin Division, Dharapuram along with The Assistant Executive Engineer, WRD, Amaravathi Basin Sub Division-4, Karur, Assistant Engineer, WRD, Amaravathi Basin Section -1, Karur, Assistant Director of Agriculture, Thanthoni Block, Karur and Municipal Engineer, Karur Municipal Corporation, Karur. on 25.01.2023.

During the joint inspection, The Municipal Engineer, Karur Corporation have informed that in the proposed Bus stand site, there are Field Bothies (KavurVaikkal) are running in SF.No. 247 pt, 248 pt, 116 pt, 115 pt, 114 pt, 113 pt, 152 pt, 151 pt, 149 pt, 148 pt and 146 pt. The Field Bothies shown in Navy Blue colour in the sketch runs West to East direction lies inside the Bus stand building. These Field Bothies are required to be changed for its alignment as shown in the Green Colour in the sketch along the boundary of the Bus stand site, to irrigate the fields in the downstream side of the Field Bothies.

The Thirumanilaiyur Branch canal offtaking at LS 9/510 Km of Right Bank Canal. This Thirumanilaiyur Branch canal runs for a length of 1.550 Km and ayacut area commanded by this canal is 65.07.00 Ha (161.00 Acres) through 8 Numbers of sluices. These Field Bothies, for which change in alignment is proposed, offtakes from Sluice 6 and 7 of Thirumanilaiyur Branch Canal.

The levels of the Thirumanilaiyur Branch canal and the Field Bothies in the Bus stand site are taken by The Assistant Executive Engineer, WRD, Amaravathi Basin Sub Division-4, Karur, Assistant Engineer, WRD, Amaravathi Basin Section -1, Karur and Municipal Engineer, Karur Municipal Corporation, Karur and the feasibility report is analysed on 26.01.2023. The levels are taken at the Sluice points, at the boundary points of the Bus stand site and at the existing downstream side of Field Bothies. The Temporary Bench mark is taken as 100.000 m at Road culvert parapet wall at LS 650m in Thirumanilaiyur Branch canal. After taking the level, it is found that

- i) The Sill level at Sluice No.6 is 98.140 m
- ii) The bed level of the downstream Field Bothie is 97.410 m.
- iii) The level difference observed is 0.730 m.

The proposed bed levels to be maintained in the proposed alignment of Field Bothies are mentioned as follows to supply the water to downstream side ayacut areas.

S.No	Location	Proposed Bed level of Sluice / Field Bothies (in m)
1	Sluice No.6 of Thirumanilaiyur Branch Canal	98.140
2	Sluice No.7 of Thirumanilaiyur Branch Canal	98.040
3	Tapping point of Field Bothie of Sluice No.6	98.057
4	Tapping point of Field Bothie of Sluice No.7	97.928
5	Linking point of Field Bothie of Sluice No.7	97.638
6	Linking point of Field Bothie of Sluice No.6	97.526
7	Existing downstream side Field Bothie from Sluice No.6	97.410
8	Existing downstream side Field Bothie from Sluice No.7	97.530

Due to the change in alignment of Field Bothies as proposed in the sketch enclosed (marked in Green colour), there is a technical feasibility for supplying water to the downstream side areas through the proposed change in alignment of Field Bothies (KavurVaikkal). Necessary approval from the Government may please be obtained for this change in alignment of Field Bothies.


Executive Engineer, WRD,
Amaravathi Basin Division,
Dharapuram.


Assistant Director of Agriculture
Agriculture Extension Centre,
Thanthoni Block.


Joint Director of Agriculture
Karur.

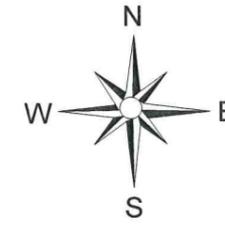

ASSISTANT EXECUTIVE ENGINEER
KARUR CITY MUNICIPAL CORPORATION

DISTRICT : KARUR

TALUK : KARUR

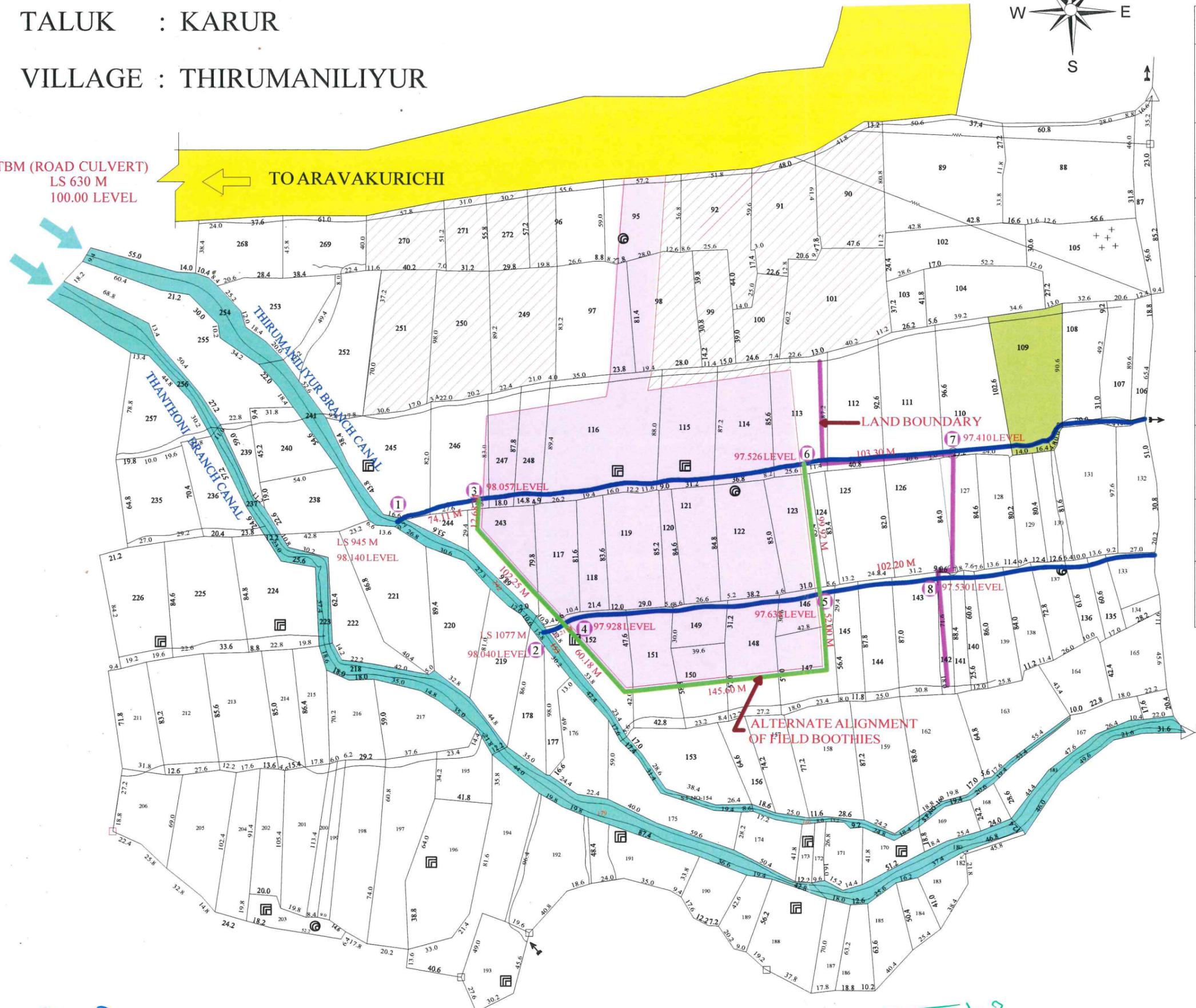
VILLAGE : THIRUMANILIYUR

COMBINED SKETCH



TBM (ROAD CULVERT)
LS 630 M
100.00 LEVEL

TO ARAVAKURICHI



LEVEL DETAILS	
①	SLUICE NO. 6 OF THIRUMANILAIYUR BRANCH CANAL BED LEVEL + 98.505 M SLUICE SILL LEVEL +98.140 M
②	SLUICE NO. 7 OF THIRUMANILAIYUR BRANCH CANAL BED LEVEL + 98.705 M SLUICE SILL LEVEL + 98.040 M
③	TAPPING POINT OF FIELD BOOTHIE FROM SLUICE NO. 6 PRESENT GROUND LEVEL + 98.770 M BED LEVEL TO BE PROVIDED + 98.057 M
④	TAPPING POINT OF FIELD BOOTHIE FROM SLUICE NO. 7 PRESENT GROUND LEVEL + 98.775 M BED LEVEL TO BE PROVIDED + 97.928 M
⑤	LINKING POINT OF FIELD BOOTHIE FROM SLUICE NO. 7 PRESENT GROUND LEVEL + 98.130 M BED LEVEL TO BE PROVIDED + 97.638 M
⑥	LINKING POINT OF FIELD BOOTHIE FROM SLUICE NO. 6 PRESENT GROUND LEVEL + 98.080 M BED LEVEL TO BE PROVIDED + 97.526 M
⑦	EXISTING DOWNSTREAM SIDE FIELD BOOTHIE FROM SLUICE NO. 6 BED LEVEL + 97.410 M
⑧	EXISTING DOWNSTREAM SIDE FIELD BOOTHIE FROM SLUICE NO. 7 BED LEVEL + 97.530 M

REFERENCE

- SITE WHERE THE BUS STAND IS PROPOSED TO BE CONSTRUCTED.
(SF.NOS:95/2, 97/2, 98/1, 113/1, 114/A2, 115/1B, 116/2, 117/1, 118, 119, 120, 121, 122, 123, 146/A, 147/A1, 148/1, 149, 150/1, 151/1, 152/1B, 243/2, 246/2, 247/2, 248/2)
- CHANNEL
- INDUSTRIAL AREA
- RESIDENTIAL AREA
- TAMILNADU STATE TRANSPORT CORPORATION DEPOT
- KAVUR
- PETITIONER MR. THANGAVEL RAJ'S LAND
- ARAVAKURICHI ROAD

BED SLOPE OF ALTERNATE ALIGNMENT OF FIELD BOOTHIES : 6 & 7 = 1 IN 890

ASSISTANT ENGINEER, WRD
Amaravathi Basin Section-1

Assistant Executive Engineer, W.R.D.,
Amaravathi Basin Sub Division No. IV

Executive Engineer, WRD,
Amaravathi Basin Division,

Assistant Director of Agriculture
Agriculture Extension Centre,
Thanthoni Block, Joint Director of Agriculture
Karur

ASSISTANT EXECUTIVE ENGINEER
KARUR DISTRICT RURAL COOPERATION