

Problems Occurred From Block Planning And The Lack Of Coordination Between The Institutions In Land Consolidation Projects

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INTRODUCTION

Land consolidation is a group of works which many institutions must work together and comply with the works of each other. For that reason, communication and coordination between the institutions are very important. The coordination between the institutions must be important in order to hinder the authorization chaos and to provide the healthy continuing of the projects.

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BLOCK PLANNING IN LAND CONSOLIDATION STUDIES

Block Planning Studies

The block planners take into consideration of the new parcels which will be exit after the consolidation have a side to road and provide to reach the irrigation system while they are planning.

The width and length rates of parcels are formed according to the standards in determination of the block sizes.

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The Matters are to be Consider in Block Planning

The present situation of the roads, brooks, creeks, canals and fixed establishments must be investigated and required researches must be done and the blocks must be designed as to the research results. The materials which will block the change pressures must be collect well.

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The Matters are to be Consider in Block Planning

Whether the new parcels are benefited from the roads on the condition of the protection of the old cadastral roads must be seen in the area but not on the map, and then it must be decided. In some of the cases there are big height differences between the old road and the fields, and hinder reaching the road directly. In these cases, the present road must be widened and a service road must be opened (Figure1).

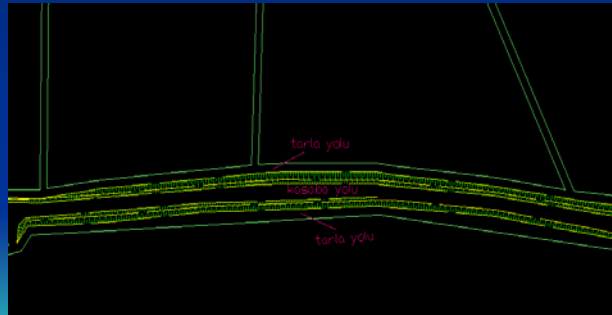


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Figure.1

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The Matters are to be Consider in Block Planning

The present deep brooks and creeks must not be closed because their sources are closed or because of the worry of their participation share would be very high(Figure 2).

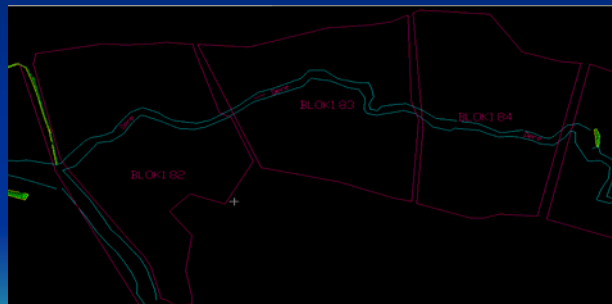


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Figure.2

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The Matters are to be Consider in Block Planning

The fixed establishments in the consolidation area must be determined carefully before the block planning. Otherwise, when the fixed establishments wanted to remain in the middle of the blocks, the difficulties are faced to reach the road and irrigation system to the blocks. Figure 3.



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Figure 3.

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The Matters are to be Consider in Block Planning

The state of the cadastral parcels must be considered. The width of the block must be arranged according to the situation. If this study is not done the new parcels will be narrow and long and not suitable to cultivate.

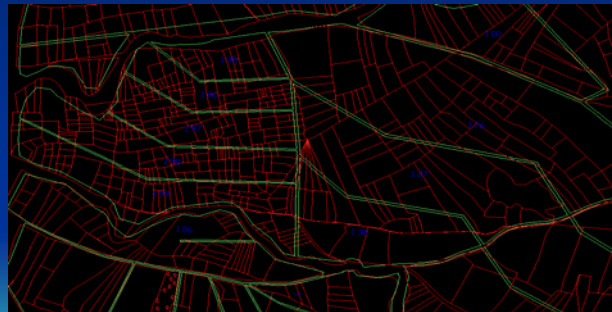


Figure.4

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THE INSTITUTIONS CARRIED OUT THE LAND CONSOLIDATION AND PROBLEMS

The Institutions Carried out the Land Consolidation

The land consolidation is carried out the institutions and the organizations below:

- 1) The General Directorate of Land Agriculture Reform
- 2) The Hydraulic Works of State
- 3) The Management of Deed Registration
- 4) The General Directorate of Deed and Cadastre
- 5) The contractor firms which performs the engineering jobs in Land consolidation.

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PROBLEMS

- Coordination Problems between the General Directorate of Land Agriculture Reform and The Hydraulic Works of State
- Coordination Problems between the General Directorate of Land Agriculture Reform and The Hydraulic Works of State
- Problems Faced with the Deed Registrations
- Problems about the Cadastre
- Problems Occurred from the Contractor Firms

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CONCLUSION

Specialist Agriculture and Survey engineers must be in the project group in block planning, and they work together.

Block planning layouts must not be 1/5000 scaled maps but definitely 1/1000; studies must be done on the maps which numerical measured cadastre parcels are drawn.

Block planning must be drawn on the classification maps, and they must be turned out to big scales.

While the cadastre parcels and the block planning maps overlap, numeric rates of cadastre parcels must be calculated, if there weren't they must be turned into numeric rates.

The institutions and the organizations which take authorization and the responsibility in land consolidation studies must be communicate sincerely in their institutions and with other institutions. Alterations in the projects must be done after consulting with other institutions.

Deed Registration managements and Cadastre managements must give priority to the land consolidation project for the public benefit.

Thank you for your attention

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