
敦延公路大石头至河东段两阶段初步设计

摘要

本设计根据给定的资料，通过对原始数据的分析，根据该路段的地质、地形、地物、水文等自然条件，依据《公路工程技术标准》颁发的相关技术指标，在老师的指导和同学的帮助下完成的。《公路路线设计规范》等交通部设计内业详细资料有：路线设计，包括纸上定线、绘制路线平面图、路线纵断面设计）；路基设计，完成两公里横断面和路基土石方的计算及路基排水设计；路面设计，水泥混凝土路面设计；小桥涵设计，完成一项涵洞设计；路线交叉设计，完成一项路线平面交叉；施工组织设计；应用计算机绘制工程图，按老师指导和要求完成。整个设计计算了路线的平、纵、横要素，设计了路基、路面、平面交叉、小桥涵的尺寸等内容，由此圆满完成了敦延公路大石头至河东村段两阶段初步设计。

关键词：平面设计、路基设计、水泥混凝土路面、涵洞设计

Excerpts

Based on the given data, the design, through the analysis of the original data, according to the geology, topography, and ground of the road

Natural conditions, such as hydrology, according to the "Road Engineering Standards" issued by the relevant technical indicators, in the teacher's guidance and the help of students to complete. Ministry of Transport, such as Highway Route Design Code

Design industry details are: route design, including alignment on paper, drawing routes Floor plan, route profile design), roadbed design, complete the calculation of two kilometers of cross-section and roadbed earth and stone

Base drainage design, pavement design, cement concrete pavement design, small bridge culvert design, completion of a culvert design;

Line cross design, complete a route plane intersection, construction organization design, the application of computer drawing drawings, according to the old teacher guidance and requirements to complete.

The whole design calculates the flat, vertical and horizontal elements of the route, and designs the roadbed, the road surface, the plane cross, the small bridge culvert.

The size and other content, thus successfully completed the Dunyan Highway Big Stone Town to Hedong Village section of the two-stage preliminary design.

Key words: plane design, subgrade design, cement concrete pavement, culvert design

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