Appendix E-3: 2022 Road Survey and Design Course Objectives Questionnaire

2022 Road Survey and Design Course Objectives

Questionnaire

In order to assess the achievement of the course objectives for "Road Survey and Design" and to facilitate the teacher's improvement of teaching, students are requested to fill out the survey carefully, honestly, and objectively.

1、Basic Information

①Name:

②class student number (format，200330101):*

③student ID number (format，20XXXXXXX):*

④ "date (format，19000101)*

2、Course Objectives:Mastery of the following knowledge areas:①Research content

of road survey and design, design standards, design phases and tasks, road planning, and basic knowledge of road transportation systems; functions and classification of roads. Control elements of geometric design.②Concepts of horizontal, vertical, and cross-sectional design; elements, properties, (combination) application characteristics, and suitable scenarios of various alignments; drawing of design charts; ability to analyze and solve practical engineering problems.③Content of overall design, the relationship between technical standards and indicators, and engineering design.④

Design content of planar intersections and specific design indicators.。(benchmarking

5.3)[multiple-choice question]*
A. Fully mastered
B. Mostly mastered
C. Basically mastered
D. Mostly not mastered
E. Not mastered at all

3、rse Objectives：①inciples, steps, and methods of highway route selection; content

of route scheme comparison at different design stages; road route selection under plain, mountainous, and hilly terrain conditions; ability to conduct route scheme comparisons and evaluate the impact of civil engineering project design and construction, as well as solutions to complex engineering problems, on society, health, safety, law, and culture.②Principles and methods of specific route alignment, as well

as the ability to analyze and solve practical engineering problems 。 (benchmarking

5.3)[multiple-choice question]*
A. Fully mastered
B. Mostly mastered
C. Basically mastered
D. Mostly not mastered
E. Not mastered at all