

CERTIFICATE OF APPRECIATION

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THIS CERTIFICATE IS PROUDLY PRESENTED

Gilbert Daniel Silalahi

Has completed our course program “**BIM applications for Roads, Highways & Transportation design (Infraworks)**” held by KursusSipil on September, 21st 2024

CEO Kursus Sipil



Edwin Budi Setiawan

Certificate Validation



List of Materials

What you'll learn

- Understand the BIM process in the roads and infrastructure design
- learn design guidelines for roads as AASHTOO
- create conceptual and geometric design of roads
- Study and analysis the existing surface
- create quantities report for all project items
- learn how to design intersections
- learn how to design interchanges
- Learn to make traffic simulation

Sesi 1 :

- User interface & setting
- Template Project
- Database Collection Methode
- Import Ground Surface
- Membuat Jalan Rencana
- Menghitung Volume Cut & Fill

Sesi 2 :

- Membuat Intersection
- Membuat Roundabout
- Membuat Interchange
- Membuat Jembatan, Tunnel
- Membuat jaringan pipa
- Membuat watersheds
- Import & export data civil 3d
- Membuat timeline & storyboard video untuk presentasi
- Share view