

Civil Engineer Interview Questions

1. Tell me about an experience in which you analyzed information and evaluated results to choose the best solution to a problem.

2. What have you found to be the best way to interact with the public to answer traffic-related questions, respond to complaints or requests, or discuss traffic control ordinances, plans, policies, or procedures?

3. What kind of experience do you have preparing drawings of proposed signal installations or other control devices, using drafting instruments or computer-automated drafting equipment?

4. Share an experience you had in dealing with a difficult person and how you handled the situation.

5. Tell me how you organize, plan, and prioritize your work.

6. Share an experience when you applied new technology or information in your job. How did it help your company?

7. Share an effective approach to working with a large amount of information/data. How has your approach affected your company?

8. Share an example of a time you had to gather information from multiple sources. How did you determine which information was relevant?

9. Give me an example of when you thought outside of the box. How did it help your employer?

10. How do you balance cooperation with others and independent thinking? Share an example. (Try to determine if the candidate has a cooperative attitude or is otherwise good-natured.)

11. What is the key to success when communicating with the public.

12. Share an experience in which your attention to detail and thoroughness had an impact on your last company.

13. Share a time when you willingly took on additional responsibilities or challenges. How did you successfully meet all of the demands of these responsibilities? (Make sure the candidate is a self-starter and

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can demonstrate some initiative.)

14. Name a time when you studied factors affecting traffic conditions, such as lighting or sign and marking visibility, to assess their effectiveness.

15. What is the most challenging part of planning, designing, and improving components of traffic control systems to accommodate current or projected traffic and to increase usability and efficiency?

16. Provide a time when you dealt calmly and effectively with a high-stress situation.

17. Share an experience in which your willingness to lead or offer an opinion helped your company.

18. Provide an example of when you were persistent in the face of obstacles.

19. Name a time when your creativity or alternative thinking solved a problem in your workplace.

20. What factors do you consider when analyzing data related to traffic flow, accident rates, or proposed development to determine the most efficient methods to expedite traffic flow?

21. Provide an example of a time when you were able to demonstrate excellent listening skills. What was the situation and outcome?

22. Share an example of when you established and accomplished a goal that was personally challenging. What helped you succeed?

23. Provide an experience in which you were sensitive to someone's needs or feelings. How did your helpfulness affect your work environment?

24. What are some long-range objectives that you developed in your last job? What did you do to achieve them?

25. Tell me about a time when your ability to analyze needs and product requirements helped you create an effective design or make an informed decision to benefit your company.

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26. Provide a time when you were able to identify a complex problem, evaluate the options, and implement a solution. How did the solution benefit your employer?

27. Describe an experience when you provided technical supervision regarding traffic control devices to other traffic technicians or laborers.

28. Share an experience in which your diligence of inspecting equipment, structures, or materials helped you identify a problem or the cause of a problem.

29. Name a time when you monitored street or utility projects for compliance to traffic control permit conditions.

30. Share an experience in which personal connections to coworkers or others helped you to be successful in your work. (Make sure candidate works well with others.)

31. Walk me through how you would compute time settings for traffic signals or speed restrictions, using standard formulas.

32. What is the most challenging part of establishing procedures for street closures or for repair or construction projects?

33. Share an effective approach to review traffic control or barricade plans to issue permits for parades or other special events or for construction work that affects rights of way, providing assistance with plan preparation or revision, as necessary.

34. How often do you visit development or work sites to determine projects' effect on traffic and the adequacy of traffic control and safety plans or to suggest traffic control measures?

35. What have you found to be the best way to study traffic delays by noting times of delays, the numbers of vehicles affected, and vehicle speed through the delay area?

36. Describe an experience when you measured and recorded the speed of vehicular traffic, using electrical timing devices or radar equipment.

37. Provide an experience that demonstrates your ability to manage time effectively. What were the challenges

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and results?

38. Share an experience in which your understanding of a current or upcoming problem helped your company to respond to the problem.

39. Name a time when you maintained or made minor adjustments or field repairs to equipment used in surveys, including the replacement of parts on traffic data gathering devices.

40. Describe a time when you successfully persuaded another person to change his/her way of thinking or behavior.

41. Describe an experience when you interviewed motorists about specific intersections or highways to gather road-condition information for use in planning. Share an example.