

Workplace Analysis

1. Working link to application for Marathon Petroleum
 - [Intern/Co-op – Transportation and Logistics Engineering–Marathon](#)
2. Minimum Qualifications.
 - Candidates must be pursuing a bachelor's degree in Civil, Electrical, Mechanical or Corrosion Engineering.
 - Minimum 3.0 cumulative GPA required.
 - Candidates must be authorized to work in the US on a full-time indefinite basis without the need for employment visa sponsorship now or in the future.
 - Positions are available spring, summer, and fall semesters.
 - Many projects will require travel to construction sites, primarily in the eastern U.S.; therefore, a valid driver's license is required.
 - Military experience a plus.
3. My Qualifications. – Jerry Montgomery
 - Currently in my Senior standing at the University of Kentucky majoring in Civil Engineering.
 - I have a current GPA of 3.4 and raising.
 - I have previous work experience in the US, with no need for sponsorship.
 - Available for spring, summer, and fall as long as the location is withing driving distance for the spring and fall.
 - I currently have a driver license and have been on several construction sites throughout the duration of my work experience.
 - I do not have any military experience.
4. There are no preferred qualifications.
5. There are however, Responsibilities for the job.
 - Development of project scope
 - Engineering oversight
 - Technical design
 - Cost estimating
 - Schedule development
 - Evaluating and summarizing bid sets

- Construction supervision
 - Safety leadership
 - Coordination with operations groups
 - Project documentation
 - Travel ranges from 15-45%
6. This section will summarize my qualifications and how they apply to these responsibilities.

I have worked in the construction industry, residential and heavy highway. I have seen the planning for the development of projects and proposed ideas on them. I am now in the process of becoming an Engineer, this after working in the field. This, in my opinion has given me a better perspective on problems that arise on a project. I have seen issues with potential designs and have had input on the estimated cost difference. This also came along with a set for scheduling the efficiency of these changes. I have played the role of lead carpenter, being primed for a foreman position. I have always practiced safety and am tenacious enough to call someone out that is being unsafe. I have assisted in the coordination of sub-contractors and their efficiency and planning. I have documented detailed inspection reports on projects for the Kentucky Transportation Cabinet. I am willing to travel, preferably after graduation or during the summer.

This experience is mainly from working in construction for a state highway contractor in the state of Kentucky, Virginia and West Virginia. Also from working with a engineering consulting firm in the state of Kentucky.

7. Algorithmic Keywords
- Civil Engineering student.
 - Transportation Engineer.
 - Intern
 - Co-op
 - Marathon Petroleum
 - Logistics Engineering

8. Quantitative Overview of Marathon Petroleum

Marathon has 6 refineries with a share of 10% of the petroleum share in the United States. This company employed 43,800 people in 2017. There are several problems imposed with a cooperation of this size, an engineer would undoubtedly be challenged in their everyday duties.

There are offices located across the United States, they include.

- Ashland, KY
- Birmingham, AL
- Butler, OK
- Cadiz, OH
- Canton, MI
- Findlay, US (Head Quarters)

Marathons main priority is to safely and efficiently supply the public with gasoline. They value the sustainability and health of their employees; they offer excellent health and retirement packages to their employees. They rank at number 31 for the fortune 500's top places to work. This is a growing and in demand asset, it is apparent that Marathon takes an initiative for their employee retention.

9. Why would I make a perfect fit for this position?

I will now explain why I would make the perfect fit for this position. I have always pushed myself to learn and excel in my endeavors. One of my biggest and most relevant qualities would be perseverance, I have overcome many obstacles in my life. I have seen the effects of declining coal industry in Eastern Kentucky and worked along side men who have been drastically affected by it.

I can bring a different perspective to a job; I can look a skilled trade worker in the eye and say, "I have been where you are". I have relevance in my working history but, I don't want that to define me, I have taken an initiative to take this opportunity/gamble I have imposed on myself and my family to its fullest extent.

In closing, I can say that. I would not only make a perfect fit for Marathon Petroleum but, Marathon Petroleum would also make a perfect fit for me.