Candidate Name       Licensed Professional Engineer Experience    Years    Months

Licensed Professional Engineer II Experience    Years    Months

**CDOT Performance Ratings:**

Choose an item. FY 09/10 Choose an item. FY 08/09 Choose an item. FY 07/08

**Resident Engineer (PE II) Experience**

**Instructions:** Provide the following information for each residency during the past three (3) years in which you served as the **Resident Engineer** as a licensed professional engineer. Use the Additional Resident Engineer Experience page (at end of form) if you were a Resident Engineer for more than three residencies during the past three years. You can include residencies beyond three years if they represent your experience managing complex projects/issues. You may include equivalent experience as a supervisor outside CDOT. If you do not have any experience as a Resident Engineer, please skip this section.

|  | Residencies | | |
| --- | --- | --- | --- |
| 1 | 2 | 3 |
| Residency Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Residency name and brief description |  |  |  |
| Responsible Program Engineer (PE III or equivalent) |  |  |  |
| Briefly describe your role as Resident Engineer |  |  |  |
| Indicate the number and job titles of staff you supervised |  |  |  |
| Identify internal and external stakeholders you directly coordinated/negotiated with while managing the residency |  |  |  |
| Indicate major issues/challenges you personally resolved as part of the residency |  |  |  |
| List notable accomplishments, (e.g. Innovations, improvements, task force participation or leadership, meeting commitments prior to deadline) and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety for employees and citizens during this assignment |  |  |  |
| Indicate the most challenging human resource issue faced by you while managing the residency |  |  |  |
| Indicate for each of the following whether you had direct responsibility in performing, supervising, or coordinating the Engineering Element (see attached definitions). | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Program Management (PE I or II) Experience**

The word “Program” is meant generically here and includes such duties as management of a set of projects, activities or programs that provide engineering and technical support/expertise, plans, specifications, technical training, materials testing, procedures or research designed to deliver benefits that will improve the organization. This section is where you may describe any non-Resident Engineer PE II experience you may have.

**Instructions:** Provide the following information for each program during the past three years in which you served as the

**Program Manager** as a licensed professional engineer. Use the Additional Program Management Experience page (at end of form) if you were a Program Manager for more than three programs during the past three years. You can include programs beyond three years if they represent your experience managing complex programs. You may include programs managed outside CDOT. If you do not have any experience as a Program Manager, please skip this section.

|  | Programs | | |
| --- | --- | --- | --- |
| 1 | 2 | 3 |
| Program Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Program title and brief description |  |  |  |
| Your supervisor (PE II, III or equivalent) |  |  |  |
| Briefly describe your role as program manager |  |  |  |
| Indicate the number and job titles of staff you directly assigned work and oversaw the quality of their work product |  |  |  |
| Identify internal and external stakeholders you directly coordinated/negotiated with while managing the program |  |  |  |
| Indicate major issues/challenges you personally resolved as part of the program. |  |  |  |
| List notable accomplishments, ( E.g. Innovations, improvements, task force participation or leadership, meeting commitments prior to deadline) and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety for employees and citizens during this assignment |  |  |  |
| Indicate the most challenging human resource issue faced by you while managing the program. |  |  |  |
| Indicate whether or not the program provided technical expertise in the following Engineering Elements (see attached definitions). | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Project Management Experience**

**Instructions:** Provide the following information for each project during the past three years in which you served as the

**Project Engineer/Manager** as a licensed professional engineer. Use the Additional Project Management Experience page (at end of form) if you were Project Manager for more than three projects during the past three years. You can include projects beyond three years if they represent your experience managing complex engineering projects. You may include projects managed outside CDOT. If you do not have any experience as a Project Manager, please skip this section.

|  | Projects | | |
| --- | --- | --- | --- |
| 1 | 2 | 3 |
| Project Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Project Title |  |  |  |
| Resident Engineer (PE II or equivalent) |  |  |  |
| Briefly describe your role as project manager in the project |  |  |  |
| Total Project Cost |  |  |  |
| Traffic Control Review Quality Rating |  |  |  |
| Indicate the number and job titles of staff you directly assigned work and oversaw the quality of their work product |  |  |  |
| Identify internal and external stakeholders you directly coordinated/negotiated with during the project. |  |  |  |
| Indicate major issues/challenges you personally resolved during the project |  |  |  |
| List notable related project accomplishments, E.g. Under budget, ahead of schedule and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety for employees and citizens on this project. |  |  |  |
| Indicate the most challenging human resource issue you faced during the project. |  |  |  |
| Indicate for each of the following whether you had direct responsibility in performing, supervising, or coordinating the Project Element (see attached definitions). | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Assistant Project Engineer/Manager Experience**

**Instructions:** Provide the following information for each project during the past three years in which you served as the **Assistant Project Engineer/Manager** as a licensed professional engineer. Use the Additional Assistant Project Engineer/Manager Experience page (at end of form) if you were an Assistant Project Manager for more than three projects during the past three years. You can include projects beyond three years if they represent your experience assisting with managing complex engineering projects. You may include projects managed outside CDOT. If you do not have any experience as an Assistant Project Engineer/Manager, please skip this section.

|  | Projects | | |
| --- | --- | --- | --- |
| 1 | 2 | 3 |
| Project Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Project Title |  |  |  |
| Resident Engineer (PE II or equivalent) |  |  |  |
| Briefly describe your role as Assistant Project Manager in the project |  |  |  |
| Total Project Cost |  |  |  |
| Traffic Control Review Quality Rating |  |  |  |
| Indicate the number and job titles of staff you directly assigned work and oversaw the quality of their work product |  |  |  |
| Identify internal and external stakeholder you directly coordinated/negotiated with during the project |  |  |  |
| Indicate major issues/challenges you personally resolved during the project |  |  |  |
| List notable related project accomplishments, E.g. Under budget, ahead of schedule and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety for employees and citizens on this project |  |  |  |
| Indicate the most challenging human resource issue you faced during the project. |  |  |  |
| Indicate for each of the following whether you had direct responsibility in performing, supervising, or coordinating the Engineering Element (see attached definitions). | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Individual Contributor Experience**

**Instructions:** Provide the following information for each project during the past three years in which you served as an **Individual Contributor** as a licensed professional engineer to a larger project. Use the Additional Individual Contributor Experience page (at end of form) if you were an individual contributor for more than three projects during the past three years. You can include projects beyond three years if they represent your experience contributing to engineering projects. You may include projects managed outside CDOT. If you do not have any experience as an Individual Contributor, please skip this section.

|  | Projects | | |
| --- | --- | --- | --- |
| 1 | 2 | 3 |
| Project Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Project Title |  |  |  |
| Resident Engineer (PE II or equivalent) |  |  |  |
| Briefly describe your role and contribution to this project |  |  |  |
| Total Project Cost and cost of your piece |  |  |  |
| Identify internal and external stakeholder you directly coordinated/negotiated with during the project |  |  |  |
| Indicate major issues/challenges you personally resolved during the project |  |  |  |
| List notable related project accomplishments, E.g. Under budget, ahead of schedule and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety on this project |  |  |  |
| Indicate for each of the following whether you had direct responsibility in performing, supervising, or coordinating the Engineering Element (see attached definitions). | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Professional Training and Development**

Please list the college/university degrees awarded to you.

|  |  |  |  |
| --- | --- | --- | --- |
| Name of College/University | Degree Type  (e.g. BS, MS/Ph.D.) | Major | Date of Degree |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Task Force and Committee Participation**

Please list and briefly describe the task forces and committees you served on to address engineering or other CDOT issues.

|  |  |
| --- | --- |
| Name of Task Force and Committees | Description of purpose |
|  |  |

**Technical Knowledge and Skills**

Instructions: For the following engineering elements please list notable training you received during the past three (3) years which has kept you current with new techniques and /or best practices.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Training Dates | Training Description | Certifications you hold |
| Construction Management |  |  |  |
| Structural /Roadway Design |  |  |  |
| Hydraulics |  |  |  |
| Materials |  |  |  |
| Traffic |  |  |  |
| Environmental Stewardship |  |  |  |

**Computer Skills**

Please list and briefly describe computer programs/software that you use proficiently as an engineer.

|  |  |
| --- | --- |
| Computer program/software | Description |
|  |  |
|  |  |

**Supervisory, Team/Interpersonal and Other Skills**

Instructions: Please list notable training you received during the past three (3) years which prepared you to be successful as a Resident Engineer

|  | Training Dates | Training Description |
| --- | --- | --- |
| Supervisory |  |  |
| Team/Interpersonal |  |  |
| Communication |  |  |
| Other |  |  |

**Definitions**

1 **Construction Management** – Managing infrastructure or other heavy construction engineering which includes evaluating and inspecting materials, equipment, and systems for acceptability for use in construction plans; as well as conformance to project plans and specifications; and/or experience reviewing the work of contractors and inspecting the work on construction projects for compliance with the project plans, details, specifications, and appropriate regulations.

2 **Roadway Design** – Prepare roadway plans and details related to geometrics, structures, drainage, pavements, earthworks, cross sections etc.; plan, evaluate, analyze, and design roadway construction projects; and/or prepare project specifications and estimates, including determining quantities of materials necessary to complete a project.

3 **Structural Design** – Analyze, design, and detail buildings, retaining walls, bridges and structures with the use of computer aided drafting software and/or perform engineering calculations to ensure adequate structural strength and stability to bridges to develop structural plans and specifications.

4 **Hydraulics** – Design work which includes drainage, groundwater, or hydrology using computer software to conduct hydraulic analyses; experience developing erosion control designs; and/or experience analyzing the hydrology to estimate peak storm runoff rates and design drainage structures to convey storm runoff.

5 **Materials** – Roadway materials engineering, pavement design, or geotechnical engineering and/or develop and review materials specifications and plans for construction projects.

6 **Traffic** – Develop traffic signal timing plans, conduct traffic impact studies, and or design traffic control plans as well as analyze roadway geometrics, traffic control devices and traffic operations.

7 **Environmental stewardship** – Work with environmental branch to adhere to environmental commitments.

8 **Program Management** – Management of a set of projects, activities or a program that provides engineering and technical support/expertise, plans, specifications, technical training, materials testing, procedures or research designed to deliver benefits that will improve the organization.

Candidate Name

**Additional Resident Engineer (PE II) Experience**

**Instructions:** Provide the following information for each residency during the past three (3) years in which you served as the **Resident Engineer** as a licensed professional engineer. You can include residencies beyond three years if they represent your experience managing complex projects/issues. You may include equivalent experience as a supervisor outside CDOT.

|  | Residencies | | |
| --- | --- | --- | --- |
| 4 | 5 | 6 |
| Residency Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Residency name and brief description |  |  |  |
| Responsible Program Engineer (PE III or equivalent) |  |  |  |
| Briefly describe your role as Resident Engineer |  |  |  |
| Indicate the number and job titles of staff you supervised |  |  |  |
| Identify internal and external stakeholders you directly coordinated/negotiated with while managing the residency |  |  |  |
| Indicate major issues/challenges you personally resolved as part of the residency |  |  |  |
| List notable accomplishments, (e.g. Innovations, improvements, task force participation or leadership, meeting commitments prior to deadline) and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety for employees and citizens during this assignment |  |  |  |
| Indicate the most challenging human resource issue faced by you while managing the residency |  |  |  |
| Indicate for each of the following whether you had direct responsibility in performing , supervising or coordinating the Engineering Element (see attached definitions) | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Additional Program Management (PE I or II) Experience**

**Instructions:** Provide the following information for each program during the past three (3) years in which you served as the

**Program Manager** as a licensed professional engineer. You can include programs beyond three years if they represent your experience managing complex programs. You may include programs managed outside CDOT.

|  | Programs | | |
| --- | --- | --- | --- |
| 4 | 5 | 6 |
| Program Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Program title and brief description |  |  |  |
| Your supervisor (PE II, III or equivalent) |  |  |  |
| Briefly describe your role as program manager |  |  |  |
| Indicate the number and job titles of staff you directly assigned work and oversaw the quality of their work product |  |  |  |
| Identify internal and external stakeholders you directly coordinated/negotiated with while managing the program |  |  |  |
| Indicate major issues/challenges you personally resolved as part of the program. |  |  |  |
| List notable accomplishments, ( E.g. Innovations, improvements, task force participation or leadership, meeting commitments prior to deadline) and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety for employees and citizens during this assignment |  |  |  |
| Indicate the most challenging human resource issue faced by you while managing the program. |  |  |  |
| Indicate whether or not the program provided technical expertise in the following Engineering Elements (see attached definitions) | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Additional Project Management Experience**

**Instructions:** Provide the following information for each project during the past three (3) years in which you served as the

**Project Engineer/Manager** as a licensed professional engineer. You can include projects beyond three years if they represent your experience managing complex engineering projects. You may include projects managed outside CDOT.

|  | Projects | | |
| --- | --- | --- | --- |
| 4 | 5 | 6 |
| Project Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Project Title |  |  |  |
| Resident Engineer (PE II or equivalent) |  |  |  |
| Briefly describe your role as project manager in the project |  |  |  |
| Total Project Cost |  |  |  |
| Traffic Control Review Quality Rating |  |  |  |
| Indicate the number and job titles of staff you directly assigned work and oversaw the quality of their work product |  |  |  |
| Identify internal and external stakeholders you directly coordinated/negotiated with during the project. |  |  |  |
| Indicate major issues/challenges you personally resolved during the project |  |  |  |
| List notable related project accomplishments, E.g. Under budget, ahead of schedule and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety for employees and citizens on this project. |  |  |  |
| Indicate the most challenging human resource issue you faced during the project. |  |  |  |
| Indicate for each of the following whether you had direct responsibility in performing , supervising or coordinating the Project Element (see attached definitions) | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Additional Assistant Project Engineer/Manager Experience**

**Instructions:** Provide the following information for each project during the past three (3) years in which you served as the **Assistant Project Engineer/Manager** as a licensed professional engineer. You can include projects beyond three years if they represent your experience assisting with managing complex engineering projects. You may include projects managed outside CDOT.

|  | Projects | | |
| --- | --- | --- | --- |
| 4 | 5 | 5 |
| Project Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Project Title |  |  |  |
| Resident Engineer (PE II or equivalent) |  |  |  |
| Briefly describe your role as Assistant Project Manager in the project |  |  |  |
| Total Project Cost |  |  |  |
| Traffic Control Review Quality Rating |  |  |  |
| Indicate the number and job titles of staff you directly assigned work and oversaw the quality of their work product |  |  |  |
| Identify internal and external stakeholder you directly coordinated/negotiated with during the project |  |  |  |
| Indicate major issues/challenges you personally resolved during the project |  |  |  |
| List notable related project accomplishments, E.g. Under budget, ahead of schedule and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety for employees and citizens on this project |  |  |  |
| Indicate the most challenging human resource issue you faced during the project. |  |  |  |
| Indicate for each of the following whether you had direct responsibility in performing , supervising or coordinating the Engineering Element (see attached definitions) | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |

Candidate Name

**Additional Individual Contributor Experience**

**Instructions:** Provide the following information for each project during the past three (3) years in which you served as an **Individual Contributor** as a licensed professional engineer to a larger project. You can include projects beyond three years if they represent your experience contributing to engineering projects. You may include projects managed outside CDOT.

|  | Projects | | |
| --- | --- | --- | --- |
| 4 | 5 | 6 |
| Project Start and End Dates | Start:  End: | Start:  End: | Start:  End: |
| Project Title |  |  |  |
| Resident Engineer (PE II or equivalent) |  |  |  |
| Briefly describe your role and contribution to this project |  |  |  |
| Total Project Cost and cost of your piece |  |  |  |
| Identify internal and external stakeholder you directly coordinated/negotiated with during the project |  |  |  |
| Indicate major issues/challenges you personally resolved during the project |  |  |  |
| List notable related project accomplishments, E.g. Under budget, ahead of schedule and how you contributed to the accomplishment. |  |  |  |
| Indicate what you did to improve safety on this project |  |  |  |
| Indicate for each of the following whether you had direct responsibility in performing , supervising or coordinating the Engineering Element (see attached definitions) | | | |
| 1. Construction Management | Yes No | Yes No | Yes No |
| 2. Roadway Design | Yes No | Yes No | Yes No |
| 3. Structural Design | Yes No | Yes No | Yes No |
| 4. Hydraulics | Yes No | Yes No | Yes No |
| 5. Materials | Yes No | Yes No | Yes No |
| 6. Traffic | Yes No | Yes No | Yes No |
| 7. Environmental Stewardship | Yes No | Yes No | Yes No |