

# CITY OF GRAND JUNCTION JOB ANALYSIS QUESTIONNAIRE

**I. EMPLOYEE BACKGROUND:** In this section you will provide information regarding your name, current job title, your immediate supervisor, etc. This will help us make sure we refer to the correct job throughout the study.

Is this a group questionnaire? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please list all employee names.
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**Division:** Technical Services

**Department:** Public Works and Planning

## For Individual Questionnaires Only:

**Employee Name:** Hobbs Jonathan A  
(Last) (First) (Middle Initial)

**Current Classification Title:** Engineering Technician

**Division** Technical Services **Department** Public Works and Planning

**Total Length of Time with organization** 8 Years 8 months

**Total Length of Time in Current Position** 7 Years 4 months

**Assigned Hours/Week::** from 6am to 5pm **Assigned Days/Week** 4

**Email:** jonathah@gjcity.org **Work Phone:** (970)256-4084

### Immediate Supervisor:

### Immediate supervisor reports to:

**Name:** John Smith

**Name:** Don Newton

**Title:** Sr. Engineering Technician

**Title:** Engineering Projects Manager

**Work Phone** (970)244-1452

**Work Phone:** (970)244-1459

**E-mail:** johnsm@gjcity.org

**E-mail:** donn@gjcity.org

## II. POSITION INFORMATION

**1. POSITION SUMMARY:** This section asks for a short paragraph, one to three sentences, regarding the purpose of your position and/or your primary responsibilities. This summary helps us to quickly understand the essence of your job. Usually it is better to write this after you have completed the remainder of the questionnaire. Briefly describe what you consider to be the major purpose or objective of the job. Simply stated, what are you attempting to accomplish in your position?

Example: Computer Support Technician

Summary: To operate, maintain and repair computer equipment and to provide technical assistance to users.

To perform a variety of duties and responsibilities involved in advanced level technical engineering duties and responsibilities, preparing construction drawings and details; to prepare complex graphic presentations and displays for public meetings and hearings; and to provide assistance and information to the public.

## 2. SUPERVISION & ORGANIZATIONAL RELATIONSHIPS.

- a. The chart below asks for your specific supervisory responsibilities. If a duty statement applies to you, please check the box under the "Yes" column and then indicate the number of employees for which you are responsible to the right of the statement.

Yes	Duty	Number of Employees
<input checked="" type="checkbox"/>	I do not officially supervise other employees (sign performance reviews).	0
<input type="checkbox"/>	I evaluate and sign performance reviews of other full-time employees.	
<input type="checkbox"/>	I evaluate and sign performance reviews of part-time, temporary or contract employees.	
<input type="checkbox"/>	I instruct other employees in methods or procedures needed to carry out their job (how to carry-out their assigned duties).	
<input type="checkbox"/>	I make work assignments for others..	
<input type="checkbox"/>	I make hiring and hiring pay recommendations.	
<input type="checkbox"/>	I make hiring and hiring pay decisions.	
<input type="checkbox"/>	I recommend termination for poor performance.	
<input checked="" type="checkbox"/>	I provide advice to peers that they must consider carefully before making a decision.	
<input checked="" type="checkbox"/>	I provide information to supervisors/management that they use in making a decision.	4

- b. Complete the organization chart below. This chart will help us to understand your job in relation to others in your department. Please use titles and not names. Fill in the applicable position titles: (1) your coworkers, employees you work with and who also report directly to your supervisor; and, (2) your subordinates, any employees you supervise directly. List only those jobs over which you have full managerial/supervisory authority (i.e. complete and sign performance evaluation.) Do not list employees supervised by your subordinate supervisors.

### YOUR COWORKERS' JOB TITLES

Sr. Engineering Technician
Project Engineer
Real Estate Manager
City Surveyor
Real Estate Technician
Survey Technician

### YOUR DIRECT REPORTS' JOB TITLES


Please indicate the nature of the group supervised and the number supervised

☐ Full Time      ☐ Part-Time      ☐ Seasonal/Temp      ☐ Volunteer      ☐ Contract

c. Describe with whom, or with what departments/organizations, you have regular contact.

**1. Inside your organization (other City Departments):**

Title of Person or Department	How Often	For What Purpose
Ex: Peers, Subordinates		
Utilities and Streets Department	Weekly	Preparation of special maps and drawings
Parks Department	Monthly	Preparation of special maps, drawings and graphic presentations
Admin Department	Monthly	Preparation of special maps, drawings and graphic presentations

**2. Outside your organization:**

Title of Person or Organization	How Often	For What Purpose
Ex: Vendors, Gen. Public		
General Public	Daily	Provide information regarding the City's infrastructure, engineering services and activities.
Software Companies	Monthly	Provide product development feedback and receiving software technical support
Software Vendors	Monthly	Training and technical support
Consultants/Contractors	Weekly	Provide project data and answer questions about project data and design.

**3. ESSENTIAL DUTIES.**

The list of essential duties helps us to understand those duties which are the primary reasons why your position exists. For clarification, please refer to the examples provided below.

**Essential Duties:** Those duties that make up at least 5% of your time. Please provide enough detail so that someone who may not be familiar with your job will have a clear understanding of what it is that you do. For example, do not simply state "prepares reports", but state "prepares reports such as status reports, staff reports", or other type of report(s) you may prepare. Also, please use action verbs such as prepares, calculates, operates, etc., to start off each statement. Do not use acronyms in your description. Examples are shown below. Use additional sheets if needed.

**Decisions Required:** List the decisions you make to carry out the essential duties.

**Frequency:** Indicate how often you perform each duty – D = daily, W = weekly, M = monthly, Q = quarterly, A = annually, or O = occasionally.

**Percent of Time:** Indicate how much of your time you spend on each task. The total of these percentages should not be more than 100%. Example: Sally conducts property value estimates 20% of the time, it may mean she spends one day out of five on that task, or that she spends around two hours each day. These need only be estimates so do not spend a great deal of time trying to come up with an exact percentage. The percentages of all duties should equal 100% over a one year period of time.

*Attach additional sheets if necessary.*

**E X A M P L E (LIST ACTUAL ESSENTIAL DUTIES BELOW EXAMPLE)**

<b>Essential Duties</b>	<b>Decisions Required</b>	<b>Frequency</b>	<b>% of Time</b>
<b>EXAMPLES:</b>			
<i>Prepares monthly newsletters by gathering information, writing copy, editing, preparing for publication and overseeing distribution.</i>	<i>Articles to include, editorial changes, graphics, layouts</i>	<i>M</i>	<i>25%</i>
<i>Performs inventory spot checks and monthly counts of supplies in warehouse.</i>	<i>When to check supplies</i>	<i>M</i>	<i>10%</i>

	<b>List of Essential Duties</b>	<b>Decisions Required</b>	<b>Frequency:</b> D = Daily W = Weekly M = Monthly Q = Quarterly A = Annually O = Occasionally	<b>% of Time Spent</b> (Not to exceed 100%)
1	Prepare construction drawings and details for the design and construction of public works projects using AutoCAD Civil 3D computer software.	Planning best approach to prepare the most accurate and complete construction plans.	Daily	30
2	Preparation of quantity and cost estimates for capital improvement projects	What calculation methods to use and how best to present the information	Monthly	5
3	Prepare a variety of illustrations, graphics, and visual aids for various meetings and presentations using a variety of specialized software	What graphic layout would achieve the desired effect for the project	Weekly	5
4	Provide assistance and information to the public, contractors, and others regarding the City's infrastructure and engineering services and activities; respond to questions regarding location of City utilities(water, sewer, storm, etc.).	Where and how to find the information that the customer is seeking.	Daily	15
5	Assist in the development and maintenance of the record keeping and filing systems.	Deciding where a project would best be filed and making sure that the information is correctly distributed to every one with an interest.	Weekly	5
6	Prepare, assemble and distribute copies of maps, charts and blueprints as requested.	How best to arrive at the end product in the most timely and accurate matter.	Weekly	5

7	Participate in the development and revision of City engineering standard drawings and operating procedures.	Deciding what effects that various changes would have on the design and engineering process	Monthly	5
8	Establish horizontal/vertical control monumentation for project drawings; establish horizontal location of various systems based on City engineering design standards and specifications; prepare vertical design of various systems to meet City design criteria, promote positive drainage, and to provide new or improved service to residences and businesses	How the new infrastructure can best fit into the existing conditions while maintaining industry design standards and practices.	Daily	30
9			Select	
10			Select	
11			Select	
12			Select	
13			Select	
14			Select	
15			Select	
16			Select	
17			Select	
18			Select	
19			Select	

#### 4. REQUIRED KNOWLEDGE AND SKILLS.

This section helps us to understand the types of knowledge and skill you would need to perform your job at the entry level. Those items you list are those required and not what you might necessarily know or are able to do after being in the position for a number of years.

**Knowledge:** refers to the possession of concepts and information gained through experience, training and/or education and can be measured through testing.

**Skills:** refers to the proficiency which can be demonstrated and are typically manual in nature and/or can be measured through testing.

The knowledge and skills that you list in the following section must refer to the Essential Duties you listed in Section 3.

Duty #	Knowledge - Skills
1,2	Engineering computer software including AutoCAD Civil 3D as well as other surveying, computer aided design and drafting programs.
3	Knowledge of different computer software packages for graphic layout and design. Basic graphic design layout skills.
4	Communicate clearly and concisely, orally and in writing. Deal tactfully and effectively with contractors, consultants, and the general public.
5	.Knowledge of basic engineering filing systems and software (MS Access)

6	Ability to use large format scanners and printers. Knowledge of engineering plan set layouts and structure
7	The ability to communicate clearly and concisely, orally and in writing.
8	Knowledge of engineering design principles and requirements. Knowledge of City of Grand Junction design and drafting standards. Basic knowledge of surveying practices and industry terms and abbreviations. Methods, materials, and techniques used in constructing public works projects. Mathematics as applied to engineering work including algebra, geometry and trigonometry. Ability to work independently in the absence of supervision.
1,2	Ability to perform moderately complex mathematic calculations.

### **III. EDUCATION, EXPERIENCE, AND EQUIPMENT**

**1. EDUCATION:** What level of education do you have and what minimum level of education do you believe is needed to satisfactorily perform your job at entry level? Check the level that applies to your job:

<b>You Have</b>	<b>You Need</b>	
<input type="checkbox"/>	<input type="checkbox"/>	Less than High School Diploma or equivalent (G.E.D.) (ability to read, write, and follow directions)
<input type="checkbox"/>	<input type="checkbox"/>	High School Diploma or equivalent (G.E.D.)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Up to one year of specialized or technical training beyond high school
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Associate degree (A.S., A.A.) or two-year technical certificate
<input type="checkbox"/>	<input type="checkbox"/>	Bachelor's degree
<input type="checkbox"/>	<input type="checkbox"/>	Other (explain):

**2. EXPERIENCE:** What kinds of experience do you have, and what minimum kinds of experience are needed to enter your job at entry level?

Type of Experience

<u>You Have</u>	<u>Your Time</u>	<u>You Need</u>	<u>Minimum Time Required</u>
Computer Aided Drafting/Design related to civil engineering	9 years	Computer Aided Drafting/Design related to civil engineering	2 years
	years		years
	years		years

a. What field (s) should training or degree be in?  
Engineering and Computer Aided Drafting/Design

**3. SPECIAL REQUIREMENTS:** List any registrations, certifications or licenses that are **required** for you to hold your position. Be specific and do not abbreviate words or use acronyms.



**4. MACHINES, TOOLS AND EQUIPMENT.** List any machines, tools or equipment used in your work and indicate the frequency and time spent using each. The machines, tools and equipment must refer to the Essential Duties you listed in Section 3.

Duty #	Machines, Tools, Equipment	Frequency/Time
1,2,3,4,5,6,7,8	Computer	100
1,2,3,4,6,8	Computer Aided Drafting/Design Software (AutoCAD Civil 3D)	100
3	Graphic design software	100
1,2,3,4,5,6,7,8	Calculator	100
1,2,3,4,5,6,7,8	Large Format Plotter	100
3,4,5,6	Scanner	100
2,8	Spreadsheet Software	100
1,5,8	Database Software	100
1,2,3,4,5,6,7,8	Printer	100
1,2,3,4,5,6,7,8	Word Processing Software	100

**5. DECISION-MAKING & JUDGMENTS.**

a. Describe three types of important decisions and judgments you make regularly and independently in the performance of your duties.

1. I make decisions on how new infrastructure can best fit into the existing conditions while maintaining industry design standards and practices while keeping the cost to the tax payer as low as possible.

2. I am required to make decisions on time management. I am often working on more that one project at a time and am required to make decisions on how much time each project will take and how much time to spend on each based upon the priority that they have been given.

3. I am required to make decisions on how the information (Project design, maps, Graphic presentations, etc.) that I am providing would best be illustrated.

## IV: AMERICANS WITH DISABILITIES ACT REQUIREMENTS

### 1. PHYSICAL ACTIVITIES/REQUIREMENTS.

This section helps us understand the physical activities and requirements that are absolutely necessary for you to be able to do in order to perform your job. Please list the frequency and the importance of each of the physical requirements listed in this section. These physical activities/requirements will help in ensuring the City of Grand Junction remains in compliance with the Americans with Disabilities Act.

The City of Grand Junction is required to document any physical requirements in order to legally defend restrictions that are imposed. The definitions for the physical activities/requirements are taken directly from the guidelines established by the federal government. Your answers in this section will not affect how your job is classified.

#### Frequency

#### Importance

**How frequently is the activity performed?**

**How important is the activity in accomplishing the job's purpose?**

- 0 – Never
- 1 – Annually
- 2 – Quarterly (at least 3 per year)
- 3 – Monthly (at least 8 per year)
- 4 – Weekly (at least 3 per month)
- 5 – Daily (at least 3 per week)

- 0 – Not Important
- 1 – Somewhat Important
- 2 – Very Important
- 3 – Extremely Important

Physical Activity	Frequency	Importance	Duties
<b>Climbing:</b> Ascending or descending ladders, stairs, scaffolding, ramps, poles and the like, using feet and legs and/or hands and arms. Body agility is emphasized. This factor is important if the amount and kind of climbing required exceeds that required for ordinary locomotion.	1--Annually	0--Not Important	All
<b>Balancing:</b> Maintaining body equilibrium to prevent falling when walking, standing or crouching on narrow, slippery or erratically moving surfaces. This factor is important if the amount and kind of balancing exceeds that needed for ordinary locomotion and maintenance of body equilibrium.	1--Annually	0--Not Important	All
<b>Stooping:</b> Bending body downward and forward by bending spine at the waist. This factor is important if it occurs to a considerable degree and requires full use of the lower extremities and back muscles.	1--Annually	0--Not Important	All
<b>Kneeling:</b> Bending legs at knee to come to a rest on knee or knees.	1--Annually	0--Not Important	All
<b>Crouching:</b> Bending the body downward and forward by bending leg and spine.	1--Annually	0--Not Important	All
<b>Crawling:</b> Moving about on hands and knees or hands and feet.	1--Annually	0--Not Important	All
<b>Reaching:</b> Extending hand(s) and arm(s) in any direction.	4--Weekly	3--Extremely Important	All
<b>Standing:</b> Particularly for sustained periods of time.	4--Weekly	3--Extremely Important	All
<b>Walking:</b> Moving about on foot to accomplish tasks, particularly for long distances.	3--Monthly	1--Somewhat Important	All
<b>Pushing:</b> Using upper extremities to press against something with steady force in order to thrust	2--Quarterly	1--Somewhat Important	All

forward, downward or outward.			
<b>Pulling:</b> Using upper extremities to exert force in order to draw, drag, haul or tug objects in a sustained motion.	1--Annually	1--Somewhat Important	All
<b>Fingering:</b> Picking, pinching, typing or otherwise working, primarily with fingers rather than with the whole hand or arm as in handling.	5--Daily	3--Extremely Important	All
<b>Grasping:</b> Applying pressure to an object with the fingers or palm.	5--Daily	3--Extremely Important	All
<b>Lifting:</b> Raising objects from a lower to a higher position or moving objects horizontally from position-to-position. This factor is important if it occurs to be a considerable degree and requires the substantial use of the upper extremities and back muscles.	4--Weekly	2--Very Important	All
<b>Feeling:</b> Perceiving attributes of objects, such as size, shape, temperature or texture by touching the skin, particularly that of fingertips.	2--Quarterly	1--Somewhat Important	All
<b>Talking:</b> Expressing or exchanging ideas by means of the spoken work. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly.	5--Daily	3--Extremely Important	All
<b>Hearing:</b> Perceiving the nature of sounds with no less than a 4db loss @ 500 Hz, 1,000 Hz and 2,000 Hz with or without correction. Ability to receive detailed information through oral communication, and to make fine discriminations in sound, such as when making fine adjustments on machined parts.	5--Daily	3--Extremely Important	All
<b>Seeing:</b> The ability to perceive the nature of objects by the eye. Seeing is important for hazardous jobs where defective seeing would result in injury and also jobs where special and minute accuracy, inspecting and sorting exist. A high degree of visual efficiency, placing intense and continuous demands on the eyes by moving machinery and other objects are also considered important. Other important factors of seeing are acuity (near and far), depth perception (three dimensional vision), accommodation (adjustment of lens of eye to bring an object into sharp focus), field of vision (area that can be seen up and down or to the right or left while eyes are fixed on a given point) and color vision (ability to identify and distinguish colors).	5--Daily	3--Extremely Important	All
<b>Repetitive Motions:</b> Substantial repetitive movements (motions) of the wrists, hands, and/or fingers.	5--Daily	3--Extremely Important	All
<b>Sedentary Work:</b> Exerting up to 10 pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects, including the human body. Sedentary work involves sitting most of the time. Jobs are sedentary if walking and standing are required only occasionally and all other sedentary criteria are met.	5--Daily	3--Extremely Important	All
<b>Light Work:</b> Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or a negligible amount of force constantly to move objects. If the use of arm	3--Monthly	1--Somewhat Important	All

and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.			
<b>Medium Work:</b> Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.	3--Monthly	1--Somewhat Important	All
<b>Heavy Work:</b> Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.	0--Never	0--Not Important	
<b>Very Heavy Work:</b> Exerting in excess of 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.	0--Never	0--Not Important	

## 2. WORKING CONDITIONS.

The working conditions section helps us to understand the physical environment you are subjected to while performing your job duties. This section does not apply to conditions like an old office building but only those factors that have to do with the job itself. In this section, please place an X by the condition that applies and one under the frequency that is most appropriate. The condition should be unique to your job and not generally applicable to all employees with the organization. Please note, there is a choice for "Does Not Apply," if most of your work is in an office setting.

☒ Does Not Apply

Condition	Less than 25% of the time	25-50% of the time	More than 50% of the time
Hazardous physical conditions (mechanical parts, electrical currents, vibration, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Atmospheric Conditions (fumes, odors, dusts, gases, poor ventilation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hazardous materials (chemicals, blood and other body fluids, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extreme temperatures	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inadequate lighting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work space restricts movement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intense noise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Travel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental (disruptive people, imminent danger, threatening environment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## V: EMPLOYEE, SUPERVISOR, AND DEPARTMENT HEAD SIGNATURES

### ADDITIONAL COMMENTS

Are there any additional comments you would like to make to be sure you have described your job adequately? (Use additional sheets if necessary).

## EMPLOYEE CERTIFICATION

I certify that the above statements and responses are accurate and complete to the best of my knowledge.

Signed: 

Date: 12-17-2008

**TO BE COMPLETED BY THE IMMEDIATE SUPERVISOR AND DEPT. HEAD**

This section is to be used by the Supervisor to note any additional comments, additional duties or disagreements with any section of the questionnaire. The Supervisor should not change anything written by the individual filling out the questionnaire nor should they address any performance issues. Please remember that this questionnaire is intended solely for the purpose of accurately describing the job in question. Supervisors, please review the entire JAQ for completeness and accuracy. If there are sections that are not complete or are incorrect, please fill in the blanks when you review the questionnaire with the incumbent. If you disagree with any information provided or believe some information is missing, indicate below the question number and your comments. **Please note the form should have all three signatures to ensure all have read the questionnaire.**

Question No.	Comments

Please check the appropriate statement:

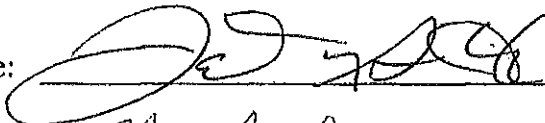
☒ I agree with the incumbents' position questionnaire as written.

☐ The above modifications have been discussed with the incumbent, and the incumbent agrees with these modifications.

☐ The above modifications have been discussed with the incumbent, and the incumbent disagrees with these modifications.

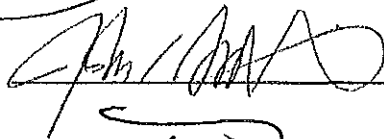
I have noted the modifications made by my supervisor in the Comments Section above.

Employee Signature:



Date: 12-17-08

Supervisor  
Signature:



Date: 12-17-08

Department Head  
Signature:



Date: 1-12-09

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE. AFTER YOU OR YOUR GROUP HAS COMPLETED YOUR PORTION OF THE QUESTIONNAIRE, PLEASE SUBMIT THE QUESTIONNAIRE TO YOUR SUPERVISOR FOR REVIEW, SIGNATURE, AND COMMENT. YOUR SUPERVISOR WILL SUBMIT THE COMPLETED QUESTIONNAIRE TO YOUR DEPARTMENT HEAD.

