#### **ORDINANCE NO. 1495**

# AN ORDINANCE AUTHORIZING THE CITY ADMINISTRATOR TO EXECUTE A CONTRACT WITH PBS ENGINEERING & ENVIRONMENTAL, INC. FOR TRANSPORTATION ENGINEERING & TECHNICAL SERVICES OF NORTH QUIET ZONE IMPROVEMENTS (N ELM ST – N GRANT ST – N IVY ST); AND DECLARING AN EMERGENCY

WHEREAS, PBS ENGINEERING & ENVIRONMENTAL, INC. is the City's contracted engineer of record; and

WHEREAS, PBS ENGINEERING & ENVIRONMENTAL, INC. has provided the project scope, schedule and cost estimates for engineering and construction of the Quiet Zone Improvements (N Elm St – N Grant St – N Ivy St) Project up to 30 percent; and

WHEREAS, the CITY OF CANBY anticipates the need to complete project design of the A copy of a contract with PBS ENGINEERING & ENVIRONMENTAL, INC, is attached hereto and marked as Exhibit "A" and by this reference incorporated herein. within the 2018-2019 Fiscal Year.

#### NOW, THEREFORE, THE CITY OF CANBY ORDAINS AS FOLLOWS:

<u>Section 1.</u> The City Administrator is hereby authorized and directed to make, execute, and declare in the name of the CITY OF CANBY and on its behalf, an appropriate contract with PBS ENGINEERING & ENVIRONMENTAL, INC for transportation engineering and technical services in an amount not to exceed \$56,155.00. A copy of a contract with PBS ENGINEERING & ENVIRONMENTAL, INC, is attached hereto and marked as Exhibit "A" and by this reference incorporated herein. A copy of the Project Scope, Schedule and Budget for the Quiet Zone Improvements (N Elm St – N Grant St – N Ivy St) Project up to 30 percent design, is attached hereto and marked as Exhibit "B" and by this reference incorporated herein.

<u>Section 2.</u> Inasmuch as it is in the best interest of the citizens of Canby, Oregon, to enact this ordinance as soon as possible due to the expedited project schedule, an emergency is hereby declared to exist and this ordinance shall therefore take effect immediately upon its enactment after final reading.

**SUBMITTED** to the Canby City Council and read the first time at a regular meeting thereof on Wednesday, September 19, 2018, and ordered posted in three (3) public and conspicuous places in the City of Canby as specified in the Canby City Charter and scheduled for second reading before the City Council for final reading and action at a regular meeting thereof on Wednesday, October 3, 2018, commencing at the hour of 7:00 p.m. in the Council Meeting Chambers located at 222 NW 2<sup>nd</sup> Avenue, 1<sup>st</sup> Floor, Canby, Oregon.

Kimberly Scheafer, MMC City Recorder

**PASSED** on second and final reading by the Canby City Council at a regular meeting thereof on the 3<sup>rd</sup> day of October 2018, by the following vote:

YEAS NAYS Brian Hodson Mayor

ATTEST:

Kimberly Scheafer, MMC City Recorder

# PERSONAL SERVICES AGREEMENT

THIS AGREEMENT is between the CITY OF CANBY (City) and PBS Engineering and Environmental (Consultant).

- A. City requires services which Consultant is capable of providing, under terms and conditions hereinafter described.
- B. Consultant is able and prepared to provide such services as City requires, under those terms and conditions set forth.

The Parties Agree a Follows:

- 1. <u>Scope of Services</u>. Consultant's services under this Agreement are set forth in Exhibit "A", attached hereto.
- 2. <u>Consultant Identification</u>. Consultant shall furnish to City its employer identification number as designated by the Internal Revenue Service, or Consultant's Social Security Number, as City deems applicable.
- 3. <u>Licenses:</u> Consultant understands it is required to obtain a City of Canby Business License for conducting business in the City. Consultant agrees to obtain a Canby Business License prior to commencing work under this contract.
- 4. <u>Payroll Taxes:</u> All employers, including businesses headquartered outside the Canby Transit District, that pay wages earned in the local transit district must file payroll tax returns with the City of Canby. The transit tax is imposed directly on the employer. The tax is figured only on the amount of gross payroll for services performed within the local transit district. This includes traveling sales representatives and employees working from home.
- 5. <u>Qualification.</u>
  - A. Consultant agrees to maintain and provide proof of eligibility to compete on either **Tier A PA or Tier B PA ODOT Local Agency Transportation** projects.
  - B. Consultant agrees to maintain eligibility and provide proof for all staff with practicing Professional Engineering Licenses from the OSBEELS or other practical state required professional licenses.
- 6. <u>Compensation</u>:
  - A. For the period of this Agreement, Consultant agrees to provide services at the rates set forth in Exhibit "B", attached hereto.

- B. For authorized reimbursable expenses, the City will pay Consultant at the rate specified. For unscheduled reimbursement items, Consultant will be reimbursed at Consultant's direct cost without markup.
- C. Consultant will not be entitled to or be paid for services provided in excess of any guaranteed maximum price or fixed price that has been established for such services unless authorized by a written scope change.
- D. Consultant will provide the City with monthly statement(s) of services rendered and authorized reimbursable expenses incurred for the preceding month. Consultant expressly waives any right to payment for services rendered if such services are not billed within sixty (60) days following their rendition.
- E. In addition to the monthly statement described in 4.4, Consultant's invoices will include a summary of services provided; a summary of reimbursable expenses; and a summary of authorized additional services, all in accordance with the compensation provisions of this Agreement, as well as an estimate of the percent of services completed as of the invoice date.
- F. Invoices for reimbursable expenses will be accompanied by supporting documentation.
- G. Invoices for authorized additional services will outline and identify the services performed and by whom, the number of hours each person worked and applicable pay rates.
- H. Payments will be made monthly for services performed and invoiced.
- I. Consultant shall keep its billing records, including timesheets, rate schedules and invoices necessary to support invoices for time and materials, additional services and expenses current and consistent with generally recognized accounting principles and Records must be maintained for a period of two (2) years following completion or abandonment of the Project. Such records will be available to the City for inspection, copying and/or audit during normal business hours.
- J. City agrees to pay Consultant within 30 days after receipt of Consultant's itemized statement reporting completed work. Amounts disputed by the City may be withheld pending settlement.
- K. City certifies that sufficient funds are available and authorized for expenditure to finance costs of the Agreement.
- 7. <u>Consultant is Independent Consultant</u>.
  - A. Consultant's services shall be provided under the general supervision of the City Administrator. Consultant shall be an independent Consultant for all purposes and shall be entitled to no compensation other than the compensation provided for under Paragraph #3 of this Agreement.

- B. Consultant certifies that it is either a carrier-insured employer or a self-insured employer as provided in Chapter 656 of the Oregon Revised Statutes.
- C. Consultant hereby represents that no employee of the City, or any partnership or corporation in which a City Employee has an interest, will or has received any remuneration of any description from Consultant, either directly or indirectly, in connection with the letting or performance of this contract, except as specifically declared in writing.
- 8. <u>Subconsultants and Assignment</u>. Consultant shall neither subcontract any of the work, nor assign any rights acquired hereunder, without obtaining prior written approval from City. City, by this Agreement, incurs no liability to third persons for payment of any compensation provided herein to Consultant. Any subcontract between Consultant and Subconsultant shall require the Subconsultant to comply with all terms and conditions this agreement as well as applicable OSHA regulations and requirements.
- 9. <u>Work is Property of City</u>. All work performed by Consultant under this Agreement shall be the property of the City. City agrees that the Consultant may use its work in other assignments if all City of Canby data and references are removed.
- 10. <u>Term</u>.
  - A. This Agreement may be terminated by:
    - 1. Mutual written consent of the parties.
    - 2. Either party, upon thirty (30) days written notice to the other, delivered by certified mail or in person.
    - 3. City, effective upon delivery of written notice to Consultant by certified mail, or in person, under any of the following:
      - a. If Consultant fails to provide services called for by this Agreement within the time specified or any extension thereof.
      - b. If Consultant fails to abide by the terms of this Agreement.
      - c. If services are no longer required.
- 8. <u>Professional Standards</u>. Consultant shall be responsible to the level of competency presently maintained by others practicing the same type of work in City's community, for the professional and technical soundness, accuracy and adequacy of all work and materials furnished under this authorization.

By entering into this agreement, Consultant represents and warranties that they have complied with the tax laws of the State of Oregon and the City of Canby.

Further, for the duration of this contract, Consultant promises to continue to comply with said State and local tax laws. Any failure to comply with tax laws will be considered a default of this contract and could result in the immediate termination of this agreement and/or other sought damages or other such relief under applicable law.

9. <u>Insurance</u>. Insurance shall be maintained by the Consultant with the following limits:

A. For Comprehensive General Liability Insurance, Consultant shall provide a Certificate of Insurance naming the City of Canby as an additional named insured showing policy limits of not less than \$1,000,000 Combined Single Limit for Bodily Injury/Property Damage on an occurrence basis.

B. For Automobile Insurance, Consultant shall provide a Certificate of Insurance naming the City of Canby as an additional named insured showing policy limits of not less than \$1,000,000 Combined Single Limit for Bodily Injury/Property Damage on an occurrence basis for any vehicle used for City business or use otherwise related to this contract.

C. For Professional Liability—errors and omissions—a \$1,000,000 Combined Single Limit for Bodily Injury/Property Damage limit. (**Required for Architects, Appraisers, Attorneys, Consultants, Engineers, Planners, Programmers, etc.).** For purposes of professional liability, Consultant shall provide proof of a Certificate of Insurance naming the City of Canby as a Certificate Holder.

D. For Worker's Compensation, Consultant shall provide a Certificate of Insurance naming the City of Canby as a Certificate Holder showing Worker's Compensation Insurance with statutory limits of coverage.

Consultant will require that any Subconsultants engaged or employed by Consultant carry and maintain similar insurance as listed above with the same limits and coverage requirements.

Procuring of such required insurance at the above-stated levels shall not be construed to limit the Consultant's liability hereunder. Notwithstanding said insurance, Consultant shall be obligated for the total amount of any damage, injury, loss, or related costs caused by or related to Consultant's negligence or neglect connected with this Agreement.

10. <u>Indemnity</u>. To the fullest extent permitted by law, Consultant is responsible for any and all liability arising out of or related to the performance of work pursuant to this Agreement. To the fullest extent permitted by law, Consultant will indemnify,

defend (with counsel acceptable to City) and hold City, its councilors, officers, employees, agents and insures (collectively "City") harmless for and against any and all liability, losses, costs, settlements and expenses in connection with any action, suit or claim resulting or allegedly resulting from Consultant's acts, omissions, activities or services in the course of performing under this Agreement.

- 11. <u>Legal Expense</u>. In the event legal action is brought by City or Consultant against the other to enforce any of the obligations hereunder or arising out of any dispute concerning the terms and conditions hereby created, the losing party shall pay the prevailing party such reasonable amounts for attorney's fees, costs, and expenses as may be set by the court both at trial and all appeals there from.
- 11. <u>Modifications</u>. Any modification of the provisions of this Agreement shall be in writing and signed by the parties.
- 12. <u>Notices</u>. Any notice, bills, invoices, reports, or other documents required by this Agreement shall be sent by the parties by United States mail, postage paid, electronically, faxed, or personally delivered to the address below. All notices shall be in writing and shall be effective when delivered. If mailed, notices shall be deemed effective forty-eight (48) hours after mailing unless sooner received.
- 13. <u>Entire Agreement</u>. This Agreement contains the entire understanding of the parties regarding the subject matter of this Agreement and supersedes all prior and contemporaneous negotiations and agreements, whether written or oral, between the parties with respect to the subject matter of this Agreement.
- 14. <u>Savings Clause</u>. Should any provision of this Agreement be found to be in conflict with any federal or Oregon state law, or final controlling decision of any Court of competent jurisdiction, or ruling or decision of any controlling administrative agency, all other provisions of this Agreement shall remain in full force and effect.

CITY:	Rick Robinson, City Administrator City of Canby PO Box 930 Canby, OR 97013
CONSULTANT:	Ken Hash PBS Engineering and Environmental 415 W 6 <sup>th</sup> Street Vancouver, WA 98660
Please submit invoices to: At	tn: Accounts Payable City of Canby PO Box 930 Canby, OR 97013 ap@canbyoregon.gov

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed by their duly appointed officers.

**CONSULTANT:** 

Digitally signed by Kenneth F Hash Date: 2018.10.08 11:28:50 -07'00' Hunt FAC By:\_

Date:

**CITY OF CANBY** Date: 10/8/2018

Subconsultants will be used <u>X</u> Yes <u>No</u> (If Yes, please complete List of Subconsultants attached to this Agreement)

Approved as to Form: Joseph Lindsay, City Attorney

# LIST OF SUBCONSULTANTS

As per Section 5 of the Personal Services Agreement, the following businesses will be subConsultants. SubConsultants are required to have a City of Canby Business License prior to commencing work under this contract.

Name of Business	Address	Phone	CCB#		
Wiser Rail Engineering	22750 SW Miami Dr Tualatin, OR 97062	(503) 691-6095			
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The City hereby approves the above listed subConsultants.

**City of Canby** 

Date

# **CITY OF CANBY, OREGON**

Scope of Work Quiet Zone Improvements (N Elm St – N Grant St – N Ivy St) City of Canby Project #\_J1013\_

# INTRODUCTION

PBS Engineering and Environmental, Inc. and their Consultant team have been selected by the City of Canby to perform traffic and roadway design engineering, environmental permitting, public involvement process and other related engineering services for the Quiet Zone Improvements (N Elm St – N Grant St – N Ivy St) project. Professional services will include land surveying, Railroad and ODOT coordination, roadway design, stormwater design, traffic analysis and engineering, signal modification design, environmental documentation & permits, utility coordination and project coordination.

The project team includes:

• Wiser Rail Engineering (Wiser) – Railroad Coordination.

The Quiet Zone Improvements project is partial funded through an Immediate Opportunity Fund grant through ODOT.

# **PROJECT DESCRIPTION/BACKGROUND**

The railroad crossings at N Elm St – N Grant St – N Ivy St currently are train whistle (warning) crossings. This project will update crossing infrastructure to a point to allow train crossings without whistles, creating a quiet zone. There has been previous coordination with both Union Pacific (UPRR) railroad and ODOT rail. This coordination led to an onsite diagnostic meeting in 2015. One item required from the diagnostic meeting was the upgrade of the NE curb ramp at Hwy 99E and N Elm Street to allow for truck turning movements. Upgrade of this curb ramp has not been accomplished and is part of this work. The project has been stalled for over three years, this project will pick up where the previous project left off.

This will be phase one of a three phase project. The goal of this first phase is to update the topographic survey, prepare 30% plans addressing the 2015 diagnostic meeting, prepare and submit the Notice of Intent.

Included in Phase one will be:

- Project administration and management
- Updated the topographic survey
- Traffic count analysis
- Prepare 30% civil plans
- Prepare the Notice of Intent (NOI)
- Coordination with FRA, UPRR and ODOT Rail
- Coordination with PGE utility and N Elm Street property owner
- Meetings with City staff, FRA, UPRR and ODOT Rail

# **SCOPE OF WORK**

### TASK 1: PROJECT MANAGEMENT AND ADMINISTRATION

PBS shall oversee project tasks and coordinate with City representatives to manage the scope, schedule and budget for the design engineering phase.

#### Subtask 1.1 – Contract Administration, Invoicing, and Progress Reports

- Prepare and submit monthly invoices. Each invoice will include: date period covered by invoice, number of hours worked during the billing period with billing rates shown with detail information / timesheet provide as a backup; expenses and associated mark-ups; total cost for labor and expenses for the billing period; subconsultants fees with detail information / timesheet provide as a backup including markups for the billing period; and a total amount summarizing labor, expenses, and subconsultant fees.
- Prepare a Contract Summary Report to accompany the monthly invoices. The Contract Summary Report will list each invoice as well as current invoice with an itemized summary of invoice numbers, dates, and amounts billed for labor, expenses, and subconsultants as well as total amounts for each invoice. The Contract Summary Report will also list the total amount billed to date, total amount remaining under contract, and contract expiration date.
- Prepare a brief Project Status Report to accompany the monthly invoices. The Project Status Report
  will include: date period covered by Status Report, brief summary of work performed during the
  billing period, a notice to CITY raising any issues or concerns that could require a contract
  amendment/supplement, a brief summary of completed and/or upcoming project milestones, and
  action items needed from CITY for project delivery. Consultant shall monitor the status of the
  budget and take corrective actions to correct undesirable budget trends involving the CITY if scope is
  impacted.
- Maintain project documentation including a design memorandum, design criteria matrix and design decisions. Provide copies of project files and records to the CITY for city records. Final submittal documents shall be provided in electronic format word or excel documents.

#### Deliverables

- Monthly invoices, Contract Summary Reports, and Project Status Reports.
- Project Documentation

#### Subtask 1.2 – Meetings

This item includes the preparing for and facilitating regular meetings to successfully complete the project.

• The Consultant shall schedule Project team meetings and prepare meeting agendas. This includes a Project kick-off meeting, monthly progress meetings with City staff, review meetings and coordination meetings.

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- 1 Kick-off meeting
- 4 monthly meetings
- 2 offsite meetings with UPRR and ODOT rail

### Deliverables

• Meeting Agendas and Meeting Summaries delivered within 5 working days of the meeting

## Subtask 1.3 – Management, Coordination, and Direction

- The Consultant shall provide management, coordination, and direction to the Project team in order to complete the project on time and within budget. The City fosters a partnership approach of all stakeholders in the Project. The Consultant shall integrate this strategy into the overall management approach.
- The Consultant shall establish a quality management program and designate responsibility for review of technical work and other deliverable products.
- The Consultant shall prepare and maintain a project design schedule. The schedule shall identify CONSULTANT tasks, major milestones and deliverables, and items provided by CITY and other consultants. The schedule shall be updated every month or as circumstances require.
- The Consultant shall coordinate Consultant tasks and activities with the City. This shall include using monthly meetings to plan and coordinate upcoming activities.
- The Consultant shall coordinate with private and public utilities, including power, phone, cable, gas and other utilities.
- The Consultant shall coordinate with property owners adjacent to the Project who will be affected by the roadway design. Prior approval from the City's Project Manager will be required before any contact with private property owners occurs.
- The consultant shall update the project estimate when project changes occur.
- The consultant shall update the project schedule to include major project changes or impacts.

# Deliverables

- Project Schedule & Schedule Updates,
- Summary notes of coordination efforts
- Updated project estimates

# TASK 2: DATA COLLECTION

UPRR has raised the rails and installed new crossings since the last topographic survey was completed. PBS will perform topographic surveying and data collection services to include the following:

#### Subtask 2.1: Surveying

- Establish a control network throughout the project limits.
- Conduct research of existing records for information on deeds, surveys, plats, road rights-of-way and easements along the project corridor.
- The survey field crew will collect data (property corners, right-of-way/centerline monuments, control and physical boundary/right-of-way features) in the project area and relevant to the project site. The project surveyor will then review research and use field data to determine the right-of-way location.
- Perform topographic survey at the railroad crossings at N Elm St N Grant St N Ivy St including the NE corner of Hwy 99E and Elm street. PBS will conduct research of existing records for information on available as-built and utility maps, call one-call utility locates and then field survey existing above ground features (i.e. edge of pavement, curbs, sidewalks, buildings, trees, utilities, etc.) as well as elevations for utilities. Obtain field invert elevations on culvert ends and pipes inside manholes.
- Prepare surface model reflecting collected topographic survey and breaklines.

#### Subtask 2.2: Base Map

- Upon completion of topographic survey and development of surface model, PBS will prepare an
  existing conditions base map showing mapped features and utilities collected from both survey and
  as-built plans.
- Consultant shall coordinate with City staff regarding drafting standards and conventions.

#### Subtask 2.3: Site Visits

• Consultant survey manager will conduct a site visit for field verification of survey data represented in the project base map.

#### Deliverables

- Topographic Survey
- Surface Model
- Base map

# TASK 3: FRA, UPRR AND ODOT RAIL COORDINATION

## Subtask 3.1 – Preparation of Notice of intent

The consultant will coordinate with FRA, UPRR and ODOT Rail for the preparation of the Notice of Intent. Coordination will include up to three meetings, one each, onsite, in Salem and in Portland.

The consultant will update the National Grade Crossing Inventory prior to submitting the NOI.

The consultant will prepare the Notice of Intent (NOI) for review and approval by FRA, UPRR and ODOT Rail.

### Deliverables

- Meeting notes
- Draft and final updated National Grade Crossing Inventory
- Draft NOI for City staff review.
- Final NOI for City submittal to FRA, UPRR and ODOT Rail

# TASK 4: DESIGN ENGINEERING – PLANS, SPECIFICATIONS & ESTIMATE

The Consultant will advance the roadway design through preliminary (30 percent) plans as part of this task. Consultant will be responsible to provide design engineering services for the deliverables outlined below for the following submittals:

• Preliminary (30%) Submittal

# Subtask 4.1: 30 Percent Design (Preliminary)

The Consultant will develop preliminary construction documents to the 30 percent design stage. Review documents will consist of drawings, and a preliminary opinion of probable construction cost. At this design level, the overall design layout, footprint, and geometrics of the project are established and all decisions required to generate construction details have been made.

Design tasks include the following

- Analyze traffic counts and develop median curb, roadway geometry, signing and drainage for Quiet Zone improvements at the N Elm, N Grant and N Ivy Street crossing. Develop curb and Iane geometry at intersection of Elm and Hwy 99E
- Assess truck turning movements at the Elm Street intersection @ 99E
- Develop preliminary drainage layout, utility relocation layout, right of way easement layout for the N Elm Street and HWY 99E intersection
- Develop a signing plan addressing the comments received during the 2015 diagnostic meeting
- Meet with City / FRA, UPRR and ODOT staff after review of the 30% plans

The 30% plans shall include:

- Cover Sheet with vicinity map and sheet index.
- Legend Sheet
- Plan Sheet showing basic roadway geometry information and incorporating recommended

intersection geometry, and lane configurations

- Signing Plan
- Utility plan,
- ROW plan with proposed easement.
- Plan sheets showing conceptual storm layout in plan view only

#### Deliverables

- 30% Civil Plans (3 copies on 11X17 and a PDF (electronic copy) of the plan set)
- 30% Construction Cost Estimate

### TASK 5: UTILITY COORDINATION

#### Task 5: Utility Coordination

Contact PGE concerning PGE pole relocation.

Identify and discuss with PGE special requirements associated with their facility relocation or modification.

#### Subtask 5.1: Utility Meetings

Organize and facilitate one utility meeting with PGE.

#### Deliverables

• Meeting notes for utility meeting.

### TASK 6: RIGHT OF WAY COORDINATION

#### Task 6: Right of Way Coordination

Research right of way at N Elm Street and Hwy 99 E.

Develop proposed right of way/easement plan sheet

Coordination with property owner adjacent to N Elm Street and Hwy 99 E.

#### Deliverables

- Right of way/easement plan sheet
- Meeting and research notes

#### Design

The City reserves the right to enter into a phase 2 agreement for the completion of design tasks

#### **Right of way Acquisition**

The City reserves the right to enter into a phase 3 agreement for the completion of acquisition tasks

### **Construction Management**

The City reserves the right to request PBS Engineering and Environmental to prepare an amendment to this contract for construction-phase inspection and engineering services for this project.

City of Canby					-								
Quiet Zone Improvements - Phase 1	PBS Engineering and Environmental (Engineering/Management)									PBS	SUBCONSULTANTS Rail Coord.	SUB	BUDGET
Budget worksheet													
Task and Description	Eng - Prin	ENG-VII	Survey- Mngr	Survey IV - PLS	Survey II	TECH-IV	CAD-I	Admin - I	Expense	TOTAL	Wiser	TOTAL	AMOUNT
TASK 1: PROJECT MANAGEMENT AND ADMINISTRATION													\$8,855.00
Task 1.1 - Contract Administration, Invoicing, and Progress Reports		6.00					1.00	0 4.00		1,455.00		0.00	\$1,455.00
Task 1.2 - Meetings		20.00							400.00	3,900.00		0.00	\$3,900.00
Task 1.3 Management, Coordination, and Direction		20.00								3,500.00		0.00	\$3,500.00
										0.00		0.00	\$0.00
Task 2: Data Collection													12,000.00
Task 2.1: Surveying			8.00	8.00	64.00				500.00	8,740.00		0.00	\$8,740.00
Task 2.2 Base Map		4.00		4.00	8.00					1,960.00		0.00	\$1,960.00
Task 2.3 Site visit		4.00		4.00					100.00	1,300.00		0.00	\$1,300.00
										0.00		0.00	\$0.00
Task 3: FRA, UPRR and ODOT Rail Coordination				2.64.4		weed the set			-10-1				14,000.00
Task 3.1: Preparation of NOI		20.00				20.00				6,000.00	8,000.00	8,000.00	\$14,000.00
										0.00		0.00	\$0.00
										0.00		0.00	\$0.00
Task 4: DESIGN ENGINEERING – PLANS, SPECIFICATIONS & ESTIMATE								- Contractor		Contractor and Contractor	273-123		11,000.00
Task 4.1 Preliminary (30% Submittal)		20.00				60.00				11,000.00		0.00	\$11,000.00
										0.00		0.00	\$0.00
										0.00		0.00	\$0.00 \$0.00
										0.00		0.00	\$0.00
										0.00		0.00	\$0.00
										0.00		0.00	\$0.00
Task 5: Utility Coordination													1,400.00
Task 5.1 Utility Meetings		8.00								1,400.00 0.00		0.00	\$1,400.00 \$0.00
										0.00		0.00	\$0.00
Task 6: Right of Way Coordination					New York								3,900.00
task 6.1 Right of Way Coordination		8.00				20.00				3,900.00		0.00	\$3,900.00
Contingency													5,000.00
contingency										0.00		0.00	\$5,000.00 \$0.00
										0.00		0.00	\$0.00
Evenence										0.00		0.00	\$0.00
Expenses	CALCULAR STREET				State State					0.00		0.00	φ <b>0.0</b> 0
TOTAL HOURS	0.00	110.00	8.00	16.00	72.00	100.00	1.00	4.00					
HOURLY RATES	215.00	175.00	145.00	125.00	95.00	125.00	85.00						
TOTAL DOLLARS	0.00	19,250.00	1,160.00	2,000.00	6,840.00	12,500.00	85.00	320.00	1,000.00	43,155.00	8,000.00	8,000.00	56,155.00

Exhibit B

)	Task Mode	Task Name	Duration	Start Finish	Predecessors	Resource Names	ep 30, '18 Oct 7, '18 M T W T F S S M T W T F	Oct 21, '18 Oct 28, '		Nov 11, '18 Nov 18, '1	
1	*	NTP	0 days	Mon 10/8/18 Mon 10/	8/18		◆ 10/8		, , , , , , , , , , , , , , , , , , ,		
2	*	Topographic survey	10 days	Mon 10/8/18 Fri 10/19	9/18 1		r				
3	*	Prepare 30% plans	10 days	Mon 10/22/1 Fri 11/2/	18 2						
4	*	Right of way Coordination	25 days	Mon 10/22/1Tue 11/2	7/182						
5	*	City Plan review	5 days	Mon 11/5/18 Fri 11/9/	18 3						
6	*	Prepare NOI	10 days	Mon 11/5/18 Fri 11/16	5/18 3						
7	*	City NOI review	5 days	Mon 11/19/1Tue 11/2	7/186					+	
8	*	Submit NOI	0 days	Wed 11/28/1 Wed 11/	28/17						<b>~</b> 11/

Project: Canby_Quiet_Zone_pha Date: Thu 9/13/18	Task		Project Summary	0000	1	Manual Task		Start-only	E	Deadline	+
	Split	minim	Inactive Task			Duration-only	a.	Finish-only	3	Progress	
	Milestone	•	Inactive Milestone			Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary			Manual Summary	1	External Milestone	\$		
PBS Engineering and Environme				Page 1	-						