

MEMORANDUM

TO: Mayor and City Council

FROM: Faye Stewart, Public Works & Development Director

SUBJECT: APPROVAL OF CHANGE ORDER FOR THE SOUTH R STREET EXTENSION PROJECT

DATE: June 14, 2024

Background

On April 22, 2024 the City Council awarded the South R Street Extension Project to Pacific Excavation, Inc. Branch Engineering designed and prepared the construction documents for the project. The awarded contract was for \$618,333.25. During the excavation of the new road base Pacific Excavation ran into an excessive amount of water in excess of the amount accounted for in the road design. Changes in the construction of the project were necessary to accommodate the increase in water.

The change order includes the following changes:

- Bid Item #8 Subgrade Stabilization, As Directed by Engineer: Quantity in Original Contract was 100 cubic yards at \$85 per cubic yard (not a Change Order but an overage on quantity), this bid item is used as a place holder in case we run into unfavorable soils, which we did, our Geotech was onsite and directed Pac Ex to remove soil down to acceptable subgrade.
 - Total Quantity of Subgrade Stabilization = 1,028 cubic yards for a total cost of \$87,380 (original bid total \$8,500)
- Change Order #2 Dewatering Subgrade, excessive water was encountered during excavation activities for the roadway and the planter areas that was unexpected and the contractor had to remove/pump down the groundwater to continue construction activities.
 - Total Cost: \$3,183.99
- Change Order #3 Wall Re-Design and Footing Drain Tie-In, the planter wall had a conflict with the 10" pipe coming out of the beehive inlet and needed to be extended a foot lower to allow for the wall penetration on both planters. There is a drainage line around the perimeter of the planter walls that also needed to be tied into the 10" outlet and that was also included with this CO.
 - Total Cost: \$14,367.56
- Change Order #4 Added 6 Inch Gate Valves, we had the contractor add two 6 inch gate valves to each of the waterline laterals for the lots for future development.
 - Total Cost: \$5,208.07
- Change Order #5 Perf Pipe Behind Sidewalk, due to the excessive water on site, we had the contractor install a 4" perf pipe behind the west concrete sidewalk to help mitigate the drainage.

- Total Cost: \$6,616.97
- Change Order #6 Beehive Inlet, added detail for contractor to connect 6" perf pipe in drainage rock of storm water planter to beehive inlet.
 - Total Cost: \$3,555.64

The total cost of the change order is \$120,312.23. Due to the total amount of the change order is greater than 10% of the total project cost it is necessary for City Council to approve the change order. Pacific Excavation is on schedule to complete the project by the end of July.

Recommendation

Staff recommends City Council approve change order for the South R Street Extension project for \$120,312.23.

Cost

The of the change order will be paid by the Street, Water, Sewer, and Storm System Development Funds.



Mike Sauerwein, City Manager



Faye Stewart, Public Works & Development Director



79 N Danebo Ave
 Eugene, OR 97402
 PH: 541-726-7380
 FX: 541-726-7943

PENDING CHANGE ORDER

Date:	6.12.24	PCO REFERENCE	2.00
To:	City of Cottage Grove		
From:	Pacific Excavation		
Project:	R Street Reconstruct		
RE:	Dewatering		

Below and Attached is the Pricing and Associated Details to Perform the Following Scope of Work:

During the subgrade over excavation work the site was being inendated with storm drain ditch water causing us to have to use multiple pumps to remove water from the subgrade each day. Each morning of the subgrade over excavation work an hour was spent dewatering the site before we were able to continue to excavate and place rock. We had to dewatet the planter wall excavation during excavation and placement of concrete for the planter walls and footings.

Labor	\$	1,548.94
Equipment	\$	1,082.25
Materials	\$	472.68
Subcontracts	\$	-
Additional Bonding	\$	62.08
CAT Tax		18.05

Total Price for PCO 2.00	\$ 3,183.99
Additional Contract Days	0

Please let me know if you have any questions.

Thank you,
 Justin Besotes
 Pacific Excavation
 Project Manager



**TIME & MATERIALS
DAILY WORKSHEET**

PROJECT: R Street Reconstruct EWA #: 2.00
DATE: 6.12.24 Contract No.: 2416

DESCRIPTION OF WORK: Dewatering

LABOR	UNIT PRICE	Dewatering E. Ditch & Subgrade	Dewatering Subgrade	Dewatering Subgrade	Dewatering for Planter Wall Areas	TOTAL UNITS	TOTAL COST
		May 15-17	20-May	21-May	June 7-10		
HOURS							
Superintendent / Project Mgr	\$ 105.00					0	\$ -
Foreman	\$ 90.22	1	1	1	2	5	\$ 451.10
Foreman OT	\$ 119.80					0	\$ -
Operator	\$ 81.85					0	\$ -
Operator OT	\$ 109.75					0	\$ -
Laborer	\$ 68.21	2	2	2	6	12	\$ 818.52
Laborer OT	\$ 88.95					0	\$ -
Driver	\$ 64.70					0	\$ -
Driver OT	\$ 82.67					0	\$ -
EQUIPMENT							
Foreman Pick Up / Small Tools	\$ 25.00	1	1	1	2	5	\$ 125.00
Company Pumps & Hoses	\$ 25.00		8	8	16	32	\$ 800.00
Diesel Plate Compactor	\$ 40.00					0	\$ -
D3 Dozer	\$ 75.00					0	\$ -
D4 Dozer	\$ 88.00					0	\$ -
D5 Dozer	\$ 103.00					0	\$ -
D6 Dozer	\$ 128.00					0	\$ -
Backhoe	\$ 55.00					0	\$ -
Backhoe w/ HoPac or Hammer	\$ 75.00					0	\$ -
Skid Steer	\$ 50.00					0	\$ -
IT Loader	\$ 84.00					0	\$ -
Forklift	\$ 55.00					0	\$ -
Aerial Lift	\$ 65.00					0	\$ -
Mini Excavator	\$ 55.00					0	\$ -
Mini Exc w/ Breaker	\$ 80.00					0	\$ -
120 Excavator	\$ 105.00					0	\$ -
120 Exc w/ Breaker	\$ 155.00					0	\$ -
220 Excavator	\$ 155.00					0	\$ -
220 Exc w/ Breaker	\$ 230.00					0	\$ -
300 Excavator	\$ 225.00					0	\$ -
400 Excavator	\$ 265.00					0	\$ -
Grader	\$ 115.00					0	\$ -
Mini Double Drum Roller	\$ 45.00					0	\$ -
Smooth Drum Roller	\$ 85.00					0	\$ -
Pad Drum Roller	\$ 95.00					0	\$ -
Water Truck	\$ 90.00					0	\$ -
End Dump Truck	\$ 85.00					0	\$ -
End Dump Truck & Pup	\$ 110.00					0	\$ -
Truck & 40-ft Flat Trailer	\$ 95.00					0	\$ -
Truck & Tilt Deck Trailer	\$ 100.00					0	\$ -
Artic / Off Road Truck	\$ 145.00					0	\$ -
Vac Trailer, Non-Operated	\$ 100.00					0	\$ -
Vac Truck, Non-Operated	\$ 225.00					0	\$ -
Shoring Box, Per DAY	\$ 250.00					0	\$ -
Steel Sheets, Per Day	\$ 25.00					0	\$ -
MATERIALS							
3/4" -0' Agg Base (TN)	\$ 13.50					0	\$ -
Spotts Dump Fees (CY)	\$ 6.00					0	\$ -
Rental Pumps	\$ 404.00	1				1	\$ 404.00
SUBCONTRACTS							
						0	\$ -
						0	\$ -
						0	\$ -

Item Cost Totals	\$ 655.64	\$ 451.64	\$ 451.64	\$ 1,039.70	\$ -	\$ -
Item Price Totals	\$ 778.43	\$ 539.75	\$ 539.75	\$ 1,245.93	\$ -	\$ -

TOTALS				
	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 1,269.62	22%	\$ 279.32	\$ 1,548.94
Equipment	\$ 925.00	17%	\$ 157.25	\$ 1,082.25
Materials	\$ 404.00	17%	\$ 68.68	\$ 472.68
Subcontracts	\$ -	8%	\$ -	\$ -
SUBTOTAL				\$ 3,103.87
ADDITIONAL BONDING - 2%				\$ 62.08
Corp Activity Tax .57%				\$ 18.05
TOTAL PRICE				\$ 3,183.99



East Planter Area



North Subgrade Area



West Planter Area



www.starrentals.com

2416
13700.08.

Status: Closed

Rented from
1570 SOUTH "A" STREET 541-726-6575 Phone
SPRINGFIELD OR 97477 541-726-8839 Fax

Customer #: 143675
PACIFIC EXCAVATION INC
79 N DANEBO AVE
EUGENE, OR 97402 Phone 541-726-7380

Invoice #: 750597-21
Invoice Date: Fri 5/17/2024
Date Out: Wed 5/15/2024 9:29AM
Billed Thru: Fri 5/17/2024
Job Loc: R STREET : COTTAGE GROVE, C
Job No:
Ordered By: DAVE OLSON
Terms: Net 10th
Operator: Michael Cress
PO #: 2416
Picked up by: DAVE OLSON

Used at Address

CODY BOYD
R STREET
COTTAGE GROVE, OR

Qty	Key	Items Rented	Status	Returned Date	Price
1	270-0040#R7540	PUMP,TRASH 4" WACKER PTS4V PUMP SHOULD NEVER BE OPERATED DRY OR DAMAGE MAY RESULT. DO NOT ALLOW PUMP TO FREEZE OR DAMAGE MAY RESULT. USE FOR NON-FLAMMABLE LIQUID ONLY.	Returned	Fri 5/17/2024 12:38PM	\$240.00
1	270-0170-21	HOSE, SUCTION 4"X20'	Returned	Fri 5/17/2024 12:38PM	\$52.00
2	270-0220-21	HOSE, DISCHRG 4"X50'	Returned	Fri 5/17/2024 12:38PM	\$112.00

Invoice to Follow

Rental Contract

ADDITIONAL TERMS AND CONDITIONS OF THIS CONTRACT ARE SET FORTH ON THE REVERSE SIDE OF THIS FORM. Star Rentals and Sales disclaims ALL WARRANTIES OF MERCHANTABILITY, ALL WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE, ALL WARRANTIES AGAINST INTERFERENCE OR INFRINGEMENT AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, applicable to the equipment rented or sold. No further warranty shall be implied by law. This contract contains additional WARRANTY DISCLAIMERS, LIMITATIONS OF LIABILITY AND LIMITATIONS OF REMEDIES. See paragraph 11 on the reverse side of this form.

Rental:	\$404.00
Subtotal:	\$404.00
Oregon H.E.R.Tax:	\$8.08
Total:	\$412.08
Paid:	\$0.00
Amount Due:	\$412.08

Signature:

DAVE OLSON



79 N Danebo Ave
 Eugene, OR 97402
 PH: 541-726-7380
 FX: 541-726-7943

PENDING CHANGE ORDER

Date: 5.28.24 **PCO REFERENCE 3.00**

To: City of Cottage Grove

From: Pacific Excavation

Project: R Street Reconstruct

RE: Wall Re-Design and Footing Drain Tie-in R1

Over Excavation of planter areas (East & West) for extended depth of wall to 5'
 Additional excavation over bid is 95CY. Excavation being over 5' deep to top of grade causes all of
 the walls to be sloped back at a 1:1 to avoid using shoring to make a legal excavation.

12" of Aggregate Base to bring up to revised design grade under walls and structure floor.

Aggregate Base 1:1 slope wall backfill (Revised to split cost with City for slope excavation)

Insert-a-Tee Connection from 4" perf pipe to 10" PVC.

Labor	\$	5,406.37
Equipment	\$	4,243.50
Materials	\$	4,356.14
Subcontracts	\$	-

Additional Bonding	\$	280.12
CAT Tax		81.43

Total Price for PCO 3.00	\$	14,367.56
Additional Contract Days		1

Please let me know if you have any questions.

Thank you,
 Justin Besotes
 Pacific Excavation
 Project Manager



**TIME & MATERIALS
DAILY WORKSHEET**

PROJECT: R Street Reconstruct EWA #: 3.00
DATE: 5.28.24 Contract No.: 2416

DESCRIPTION OF WORK: Wall Re-Design and Footing Drain Tie-in R1

LABOR	UNIT PRICE	Over Excavation	Aggregate Base to	Additional Wall	Add Backfill slope	Insert-a-Tee	TOTAL UNITS	TOTAL COST
		Excavation over 5'	Bring up to Grade	Concrete & Rebar	AB Slope BF	10"x4"		
HOURS								
Superintendent / Project Mgr	\$ 105.00	1		1			2	\$ 210.00
Foreman	\$ 90.22	4	2	1	1	1	9	\$ 811.98
Foreman OT	\$ 119.80						0	\$ -
Operator	\$ 81.85	3.5	2		2		7.5	\$ 613.88
Operator OT	\$ 109.75						0	\$ -
Laborer	\$ 68.21	4	2	2		1	9	\$ 613.89
Laborer OT	\$ 88.95						0	\$ -
Mason	\$ 78.61			8			8	\$ 628.90
Mason OT	\$ 117.92						0	\$ -
Truck Driver	\$ 64.70	12	9		3		24	\$ 1,552.80
Truck Driver OT	\$ 82.67						0	\$ -
EQUIPMENT								
Foreman Pick Up / Small Tools	\$ 25.00	4	2	2	1	1	10	\$ 250.00
Company Pumps & Hoses	\$ 25.00						0	\$ -
Diesel Plate Compactor	\$ 40.00		2		2		4	\$ 160.00
D3 Dozer	\$ 75.00						0	\$ -
D4 Dozer	\$ 88.00						0	\$ -
D5 Dozer	\$ 103.00						0	\$ -
D6 Dozer	\$ 128.00						0	\$ -
Backhoe	\$ 55.00						0	\$ -
Backhoe w/ HoPac or Hammer	\$ 75.00						0	\$ -
Skid Steer	\$ 50.00						0	\$ -
IT Loader	\$ 84.00						0	\$ -
Forklift	\$ 55.00						0	\$ -
Aerial Lift	\$ 65.00						0	\$ -
Mini Excavator	\$ 55.00						0	\$ -
Mini Exc w/ Breaker	\$ 60.00						0	\$ -
120 Excavator	\$ 105.00						0	\$ -
120 Exc w/ Breaker	\$ 155.00						0	\$ -
220 Excavator	\$ 155.00	4	2		2		8	\$ 1,240.00
220 Exc w/ Breaker	\$ 230.00						0	\$ -
300 Excavator	\$ 225.00						0	\$ -
400 Excavator	\$ 265.00						0	\$ -
Grader	\$ 115.00						0	\$ -
Mini Double Drum Roller	\$ 45.00						0	\$ -
Smooth Drum Roller	\$ 85.00						0	\$ -
Pad Drum Roller	\$ 95.00						0	\$ -
Water Truck	\$ 90.00						0	\$ -
End Dump Truck	\$ 85.00	12	9		3		24	\$ 2,040.00
End Dump Truck & Pup	\$ 110.00						0	\$ -
Truck & 40-ft Flat Trailer	\$ 95.00						0	\$ -
Truck & Tilt Deck Trailer	\$ 100.00						0	\$ -
Artic / Off Road Truck	\$ 145.00						0	\$ -
Vac Trailer, Non-Operated	\$ 100.00						0	\$ -
Vac Truck, Non-Operated	\$ 225.00						0	\$ -
Shoring Box, Per DAY	\$ 250.00						0	\$ -
Steel Sheets, Per Day	\$ 25.00						0	\$ -
MATERIALS								
3/4"-0" Agg Base (TN)	\$ 13.50		125		40		165	\$ 2,227.50
Spills Dump Fees (CY)	\$ 6.00	85					85	\$ 510.00
1-1/2" Open Drain Rock	\$ 18.00						0	\$ -
4,000 PSI Concrete (CY)	\$ 185.00			2			2	\$ 370.00
Rebar	\$ 150.00			1			1	\$ 150.00
HD Fowler Pipe Materials	\$ 702.63					1	1	\$ 702.63
							0	\$ -
SUBCONTRACTS								
							0	\$ -
							0	\$ -
							0	\$ -

Item Cost Totals	\$ 4,051.60	\$ 3,955.36	\$ 1,530.54	\$ 1,658.02	\$ 886.06	\$ -
Item Price Totals	\$ 4,759.95	\$ 4,538.69	\$ 1,801.36	\$ 1,911.08	\$ 994.93	\$ -

TOTALS				
	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 4,431.45	22%	\$ 974.92	\$ 5,406.37
Equipment	\$ 3,690.00	15%	\$ 553.50	\$ 4,243.50
Materials	\$ 3,960.13	10%	\$ 396.01	\$ 4,356.14
Subcontracts	\$ -	10%	\$ -	\$ -
SUBTOTAL				\$ 14,006.01
ADDITIONAL BONDING - 2%				\$ 280.12
Corp Activity Tax .57%				\$ 81.43
TOTAL PRICE				\$ 14,367.56



79 N Danebo Ave
 Eugene, OR 97402
 PH: 541-726-7380
 FX: 541-726-7943

PENDING CHANGE ORDER

Date: 5.29.24 **PCO REFERENCE 4.00**

To: City of Cottage Grove

From: Pacific Excavation

Project: R Street Reconstruct

RE: 6" Water Gate Valves Added

2ea 6" gate valves added to the ends of the water service laterals.

Labor	\$	793.32
Equipment	\$	339.30
Materials	\$	3,944.40
Subcontracts	\$	-
Additional Bonding	\$	101.54
CAT Tax		29.52

Total Price for PCO 4.00	\$	5,208.07
Additional Contract Days		0.5

Please let me know if you have any questions.

Thank you,
 Justin Besotes
 Pacific Excavation
 Project Manager



**TIME & MATERIALS
DAILY WORKSHEET**

PROJECT: R Street Reconstruct EWA #: 4.00
 DATE: 5.29.24 Contract No.: 2416

DESCRIPTION OF WORK: 6" Water Gate Valves Added

LABOR	UNIT PRICE	2ea	Additional	HOURS				TOTAL UNITS	TOTAL COST
		6" GV	Bell Restraint						
Superintendent / Project Mgr	\$ 105.00	1						1	\$ 105.00
Foreman	\$ 90.22	2						2	\$ 180.44
Foreman OT	\$ 119.90							0	\$ -
Operator	\$ 81.85	2						2	\$ 163.70
Operator OT	\$ 109.75							0	\$ -
Laborer	\$ 68.21	2						2	\$ 136.42
Laborer OT	\$ 88.95							0	\$ -
Mason	\$ 78.61							0	\$ -
Mason OT	\$ 117.92							0	\$ -
Truck Driver	\$ 64.70	1						1	\$ 64.70
Truck Driver OT	\$ 82.67							0	\$ -
EQUIPMENT									
Foreman Pick Up / Small Tools	\$ 25.00	2						2	\$ 50.00
Company Pumps & Hoses	\$ 25.00							0	\$ -
Diesel Plate Compactor	\$ 40.00							0	\$ -
D3 Dozer	\$ 75.00							0	\$ -
D4 Dozer	\$ 88.00							0	\$ -
D5 Dozer	\$ 103.00							0	\$ -
D6 Dozer	\$ 128.00							0	\$ -
Backhoe	\$ 55.00							0	\$ -
Backhoe w/ HoPac or Hammer	\$ 75.00							0	\$ -
Skid Steer	\$ 50.00							0	\$ -
IT Loader	\$ 84.00							0	\$ -
Forklift	\$ 55.00							0	\$ -
Aerial Lift	\$ 65.00							0	\$ -
Mini Excavator	\$ 55.00							0	\$ -
Mini Exc w/ Breaker	\$ 80.00							0	\$ -
120 Excavator	\$ 105.00							0	\$ -
120 Exc w/ Breaker	\$ 155.00							0	\$ -
220 Excavator	\$ 155.00	1						1	\$ 155.00
220 Exc w/ Breaker	\$ 230.00							0	\$ -
300 Excavator	\$ 225.00							0	\$ -
400 Excavator	\$ 265.00							0	\$ -
Grader	\$ 115.00							0	\$ -
Mini Double Drum Roller	\$ 45.00							0	\$ -
Smooth Drum Roller	\$ 85.00							0	\$ -
Pad Drum Roller	\$ 95.00							0	\$ -
Water Truck	\$ 90.00							0	\$ -
End Dump Truck	\$ 85.00	1						1	\$ 85.00
End Dump Truck & Pup	\$ 110.00							0	\$ -
Truck & 40-ft Flat Trailer	\$ 95.00							0	\$ -
Truck & Tilt Deck Trailer	\$ 100.00							0	\$ -
Artic / Off Road Truck	\$ 145.00							0	\$ -
Vac Trailer, Non-Operated	\$ 100.00							0	\$ -
Vac Truck, Non-Operated	\$ 225.00							0	\$ -
Shoring Box, Per DAY	\$ 250.00							0	\$ -
Steel Sheets, Per Day	\$ 25.00							0	\$ -
MATERIALS									
3/4" -0' Agg Base (TN)	\$ 13.50							0	\$ -
Spoils Dump Fees (CY)	\$ 6.00							0	\$ -
1-1/2" Open Drain Rock	\$ 18.00							0	\$ -
4,000 PSI Concrete (CY)	\$ 185.00							0	\$ -
Rebar	\$ 5.00							0	\$ -
HD Fowler Pipe Materials	\$ 3,371.28	1						1	\$ 3,371.28
SUBCONTRACTS									
								0	\$ -
								0	\$ -
								0	\$ -

Item Cost Totals	\$ 4,311.54	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Item Price Totals	\$ 5,077.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTALS				
	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 650.26	22%	\$ 143.06	\$ 793.32
Equipment	\$ 290.00	17%	\$ 49.30	\$ 339.30
Materials	\$ 3,371.28	17%	\$ 573.12	\$ 3,944.40
Subcontracts	\$ -	8%	\$ -	\$ -
			SUBTOTAL	\$ 5,077.01
			ADDITIONAL BONDING - 2%	\$ 101.54
			Corp Activity Tax .57%	\$ 29.52
			TOTAL PRICE	\$ 5,208.07



79 N Danebo Ave
Eugene, OR 97402
PH: 541-726-7380
FX: 541-726-7943

PENDING CHANGE ORDER

Date: 6.12.24

PCO REFERENCE	3.00
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To: City of Cottage Grove
From: Pacific Excavation
Project: R Street Reconstruct
RE: Added 4" Perf Pipe along Sidewalk

150 LF of 4" Perf pipe installed along sidewalk on the west side of the project.

Labor	\$	3,442.62
Equipment	\$	2,405.52
Materials	\$	602.32
Subcontracts	\$	-
Additional Bonding	\$	129.01
CAT Tax		37.50

Total Price for PCO 3.00	\$	6,616.97
Additional Contract Days		1

Please let me know if you have any questions.

Thank you,
Justin Besotes
Pacific Excavation
Project Manager



**TIME & MATERIALS
DAILY WORKSHEET**

PROJECT: R Street Reconstruct EWA #: 5.00
DATE: 6.12.24 Contract No.: 2416

DESCRIPTION OF WORK:		Added 4" Perf Pipe along Sidewalk 150 LF						TOTAL UNITS	TOTAL COST
LABOR	UNIT PRICE	4" Perf Pipe							
		HOURS							
Superintendent / Project Mgr	\$ 105.00						0	\$ -	
Foreman	\$ 90.22	8					8	\$ 721.76	
Foreman OT	\$ 119.80						0	\$ -	
Operator	\$ 81.85	6					6	\$ 491.10	
Operator OT	\$ 109.75						0	\$ -	
Laborer	\$ 68.21	16					16	\$ 1,091.36	
Laborer OT	\$ 88.95						0	\$ -	
Mason	\$ 78.61						0	\$ -	
Mason OT	\$ 117.92						0	\$ -	
Truck Driver	\$ 64.70	8					8	\$ 517.60	
Truck Driver OT	\$ 82.67						0	\$ -	
EQUIPMENT									
Foreman Pick Up / Small Tools	\$ 25.00	8					8	\$ 200.00	
Company Pumps & Hoses	\$ 25.00						0	\$ -	
Diesel Plate Compactor	\$ 40.00						0	\$ -	
D3 Dozer	\$ 75.00						0	\$ -	
D4 Dozer	\$ 88.00						0	\$ -	
D5 Dozer	\$ 103.00						0	\$ -	
D6 Dozer	\$ 128.00						0	\$ -	
Backhoe	\$ 55.00						0	\$ -	
Backhoe w/ HoPac or Hammer	\$ 75.00						0	\$ -	
Skid Steer	\$ 50.00						0	\$ -	
IT Loader	\$ 84.00	4					4	\$ 336.00	
Forklift	\$ 55.00						0	\$ -	
Aerial Lift	\$ 65.00						0	\$ -	
Mini Excavator	\$ 55.00						0	\$ -	
Mini Exc w/ Breaker	\$ 80.00						0	\$ -	
120 Excavator	\$ 105.00	8					8	\$ 840.00	
120 Exc w/ Breaker	\$ 155.00						0	\$ -	
220 Excavator	\$ 155.00						0	\$ -	
220 Exc w/ Breaker	\$ 230.00						0	\$ -	
300 Excavator	\$ 225.00						0	\$ -	
400 Excavator	\$ 265.00						0	\$ -	
Grader	\$ 115.00						0	\$ -	
Mini Double Drum Roller	\$ 45.00						0	\$ -	
Smooth Drum Roller	\$ 85.00						0	\$ -	
Pad Drum Roller	\$ 95.00						0	\$ -	
Water Truck	\$ 90.00						0	\$ -	
End Dump Truck	\$ 85.00	8	0	0	0	0	8	\$ 680.00	
End Dump Truck & Pup	\$ 110.00						0	\$ -	
Truck & 40-ft Flat Trailer	\$ 95.00						0	\$ -	
Truck & Tilt Deck Trailer	\$ 100.00						0	\$ -	
Artic / Off Road Truck	\$ 145.00						0	\$ -	
Vac Trailer, Non-Operated	\$ 100.00						0	\$ -	
Vac Truck, Non-Operated	\$ 225.00						0	\$ -	
Shoring Box, Per DAY	\$ 250.00						0	\$ -	
Steel Sheets, Per Day	\$ 25.00						0	\$ -	
MATERIALS									
3/4" -0' Agg Base (TN)	\$ 13.00						0	\$ -	
Spoils Dump Fees (CY)	\$ 6.00	19.8					19.8	\$ 118.80	
1-1/2" Open Drain Rock	\$ 18.00	22					22	\$ 396.00	
4,000 PSI Concrete (CY)	\$ 185.00						0	\$ -	
Rebar	\$ 150.00						0	\$ -	
HD Fowler Pipe Materials	\$ 702.63						0	\$ -	
SUBCONTRACTS									
							0	\$ -	
							0	\$ -	
							0	\$ -	

Item Cost Totals	\$ 5,392.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Item Price Totals	\$ 6,450.46	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

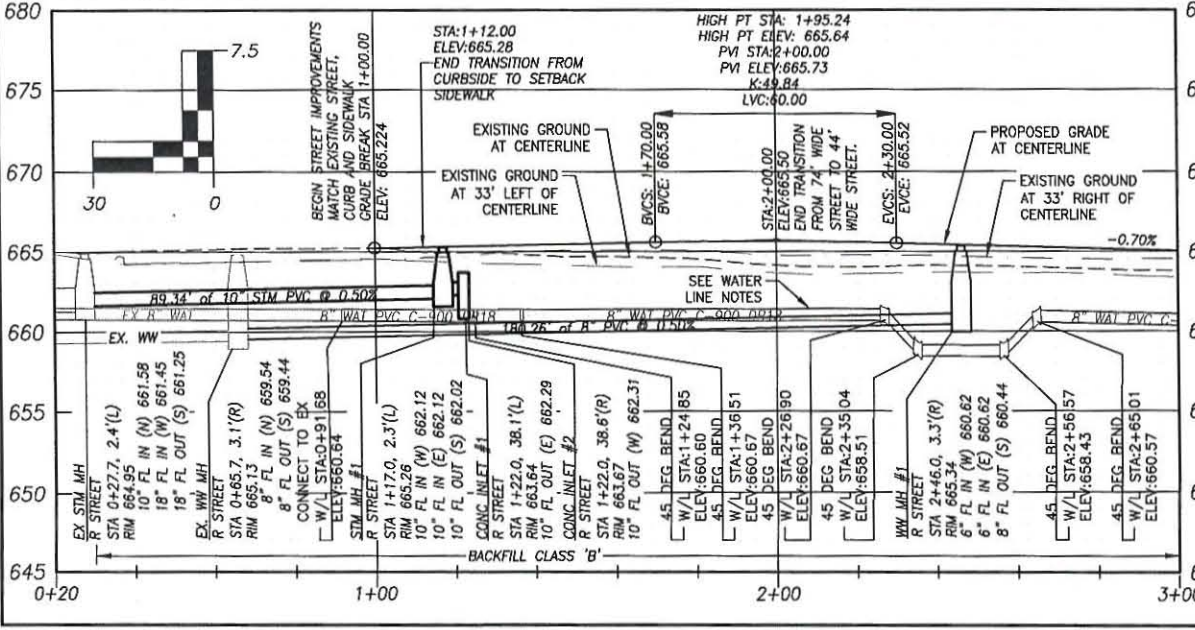
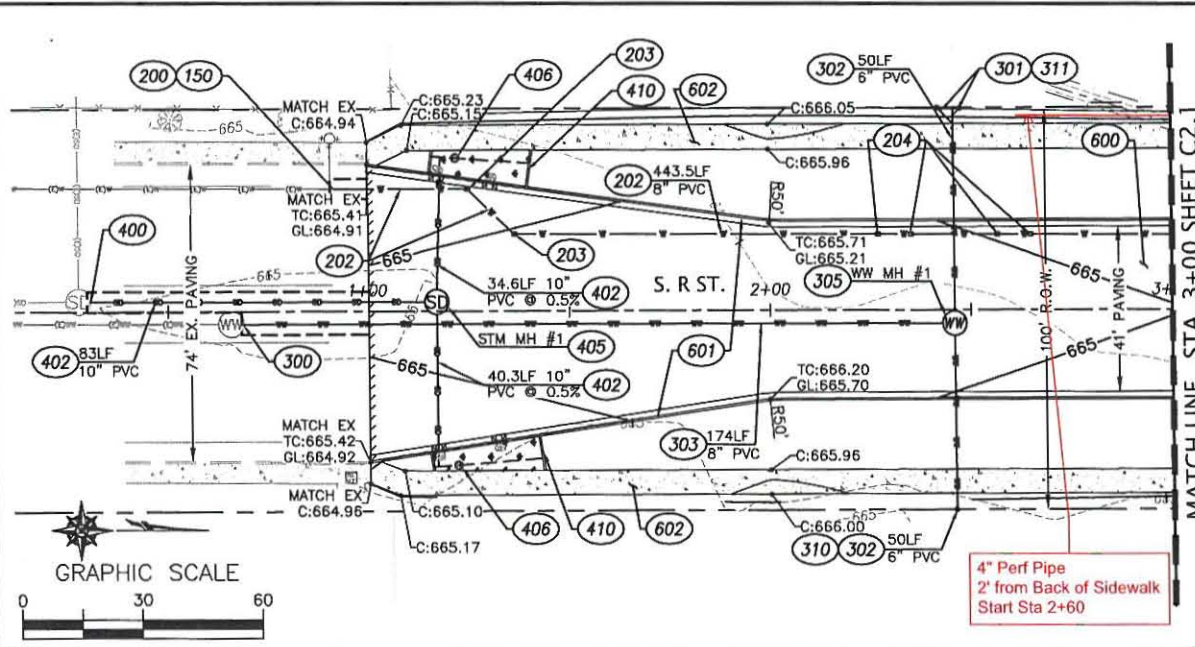
TOTALS				
	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 2,821.82	22%	\$ 620.80	\$ 3,442.62
Equipment	\$ 2,056.00	17%	\$ 349.52	\$ 2,405.52
Materials	\$ 514.80	17%	\$ 87.52	\$ 602.32
Subcontracts	\$ -	8%	\$ -	\$ -
			SUBTOTAL	\$ 6,450.46
			ADDITIONAL BONDING - 2%	\$ 129.01
			Corp Activity Tax .57%	\$ 37.50
			TOTAL PRICE	\$ 6,616.97



Customer: PACIFIC EXCAVATION INC
 Estimator: Caezar Evangelista
 Job Name: SOUTH R STREET STORM CHANGE ORDER
 Location: COTTAGE GROVE, OR

Estimate: E554951
 Bid Date: 5/28/2024

Line	Qty	UoM	Description	Unit Price	Extended Price
<u>STORM MATERIAL</u>					
2	5	EA	4" ADS 0432AA CORRUGATED SNAP END CAP	7.62	38.10
3	14	FT	4" SDR35 3034 GASKETED PVC SEWER PIPE 14' LENGTH	2.49	34.86
4	2	EA	4" SEWER X 10" - 12" SEWER MULTI-SIZED INSERTA TEE	155.40	310.80
5	1	EA	4-1/2" RED HEAVY DUTY HOLE SAW FOR ALL PLASTIC PIPE (INCLUDES PILOT DRILL & ARBOR)	215.79	215.79
6	2	EA	4" ADAPTER POLY CORRUGATED TO PVC PL-IT44CC POLYLOK	15.00	30.00
7	2	EA	4" CLAY X 4" CI/PL STRONG BACK RC COUPLING 5002-44WCRC FERNCO	36.54	73.08
Approximate Total					702.63



CONSTRUCTION NOTES:

- 150 POTHOLE EXISTING UTILITY LINE VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 200 CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING 8" WATER LINE.
- 202 FURNISH AND INSTALL 8" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER CITY STD DWG RD300, SHEET C4.6. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. SEE WATER LINE NOTE BELOW.
- 203 FURNISH AND INSTALL 45° HORIZONTAL BEND PER CITY STD DWG 402, SHEET C4.6. PROVIDE MECHANICAL JOINT THRUST RESTRAINT WITHIN 30 FEET OF BEND.
- 204 FURNISH AND INSTALL 45° VERTICAL BEND PER CITY STD DWG 402, SHEET C4.6. PROVIDE MECHANICAL JOINT THRUST RESTRAINT WITHIN 30 FEET OF BEND.
- 300 CONNECT 8" SANITARY PIPE TO EXISTING MANHOLE BY CORE DRILLING AND INSTALLING RUBBER BOOT PER MANUFACTURER'S RECOMMENDATIONS AND ODOT STD DWG RD339, SHEET 4.5.
- 301 FURNISH AND INSTALL 4" SANITARY SEWER PIPE (PVC D3034) WITH CLASS B BACKFILL PER CITY TYPICAL DETAIL RD300A & ODOT STD DWG RD300, SHEET C4.6.
- 302 FURNISH AND INSTALL 6" SANITARY SEWER PIPE (PVC D3034) WITH CLASS B BACKFILL PER CITY TYPICAL DETAIL RD300A & ODOT STD DWG RD300, SHEET C4.6.
- 303 FURNISH AND INSTALL 8" SANITARY SEWER PIPE (PVC D3034) WITH CLASS B BACKFILL PER CITY TYPICAL DETAIL RD300A & ODOT STD DWG RD300, SHEET C4.6.
- 305 CONSTRUCT 48" CONCRETE SANITARY MANHOLE PER CITY STD DWG NO. 303, SHEET C4.5.
- 310 CONSTRUCT SINGLE SANITARY SERVICE AND CLEANOUT PER CITY STD DWG NO. 304, SHEET C4.5.
- 311 CONSTRUCT DOUBLE SANITARY SERVICE AND CLEANOUT PER CITY STD DWG NO. 304A, SHEET C4.5.
- 400 CONNECT 10" STORM PIPE TO EXISTING MANHOLE BY CORE DRILLING AND INSTALLING RUBBER BOOT PER MANUFACTURER'S RECOMMENDATIONS AND ODOT STD DWG RD339, SHEET 4.5.
- 402 FURNISH AND INSTALL 10" STORM SEWER PIPE (PVC D3034) WITH CLASS B BACKFILL PER CITY TYPICAL DETAIL RD300A & ODOT STD DWG RD300, SHEET C4.6.
- 405 FURNISH AND INSTALL 48" CONCRETE STORM MANHOLE PER CITY STD DWG RD303, SHEET C4.5.
- 406 FURNISH AND INSTALL 24" CONCRETE INLET WITH BEEHIVE GRATE PER DETAIL 3, SHEET C4.1.
- 410 CONSTRUCT PLANTER WITH CURB CUT SPILLWAYS PER GRADING DETAILS ON SHEET C3.2, DETAIL 2, SHEET C4.1, DETAIL 1, SHEET C4.2 & DETAIL 1, SHEET C4.3.
- 600 CONSTRUCT AC PAVING OVER CRUSHED ROCK PER SECTION DETAIL, SHEET C4.0.
- 601 CONSTRUCT STANDARD CURB AND GUTTER PER CITY STD DWG 213, SHEET C4.4 AND SECTION DETAIL, SHEET C4.0.
- 602 CONSTRUCT 6" WIDE CONCRETE SIDEWALK OVER CRUSHED ROCK PER CITY STD DWG 216, SHEET C4.4 AND SECTION DETAIL, SHEET C4.0.

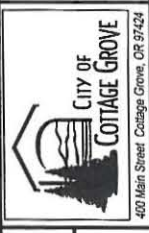
WATER LINE NOTES:

NEW WATER LINE SHALL CROSS UNDER NEW STORM AND WASTEWATER PIPES. MAINTAIN 30" COVER OVER WATER LINE AND 18" MIN. VERTICAL CLEARANCE BETWEEN PIPES AT WASTEWATER CROSSING AND WITHIN 10' HORIZONTALLY.



Expires: June 30, 2025

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CITY OF COTTAGE GROVE
 400 Main Street, Cottage Grove, OR 97424

**SOUTH R STREET
 RIGHT-OF-WAY IMPROVEMENTS**

**SOUTH R STREET SOUTH OF SWEET LANE
 COTTAGE GROVE, OREGON**

UTILITIES PLAN AND PROF. STA. 0+20 TO 3+00

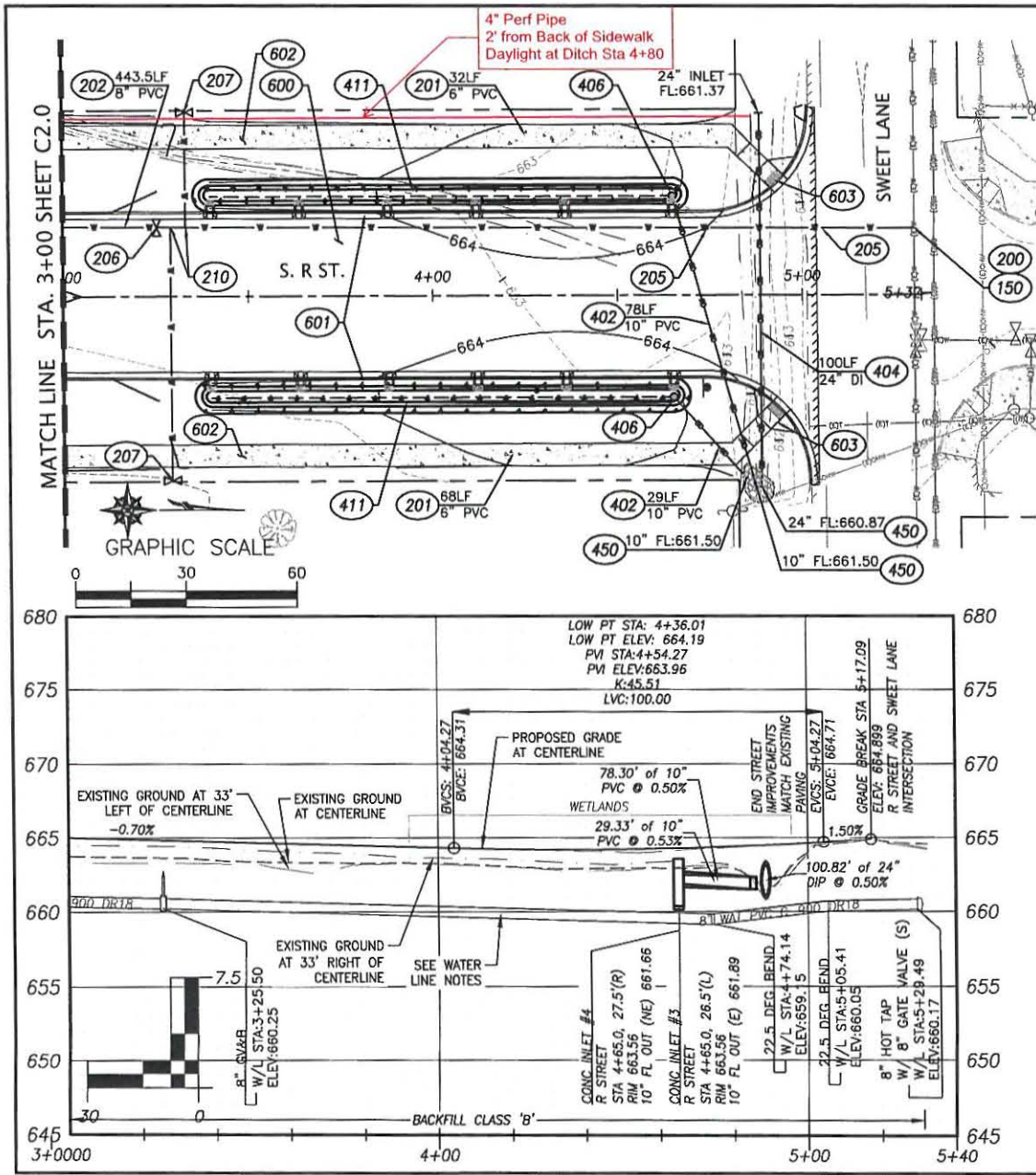
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ARS

CHECKED BY:
DG

DATE:
03/20/2024

Sheet No.
C2.0

JOB No.
22-001A



CONSTRUCTION NOTES:

- 150 POTHOLE EXISTING UTILITY LINE VERIFY LOCATION, DEPTH, MATERIAL AND SIZE. NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 200 CITY OF COTTAGE GROVE PUBLIC WORKS TO MAKE FINAL CONNECTION TO EXISTING WATER LINE.
- 201 FURNISH AND INSTALL 6" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER CITY TYPICAL TRENCH DETAIL RD300A & ODOT STD DWG 300, SHEET C4.6. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. MAINTAIN 30" MINIMUM COVER.
- 202 FURNISH AND INSTALL 8" PVC C-900 (DR 18) WATERLINE. WATERLINE TRENCH PER CITY TYPICAL TRENCH DETAIL RD300A & ODOT STD DWG 300, SHEET C4.6. DEFLECT PIPE AT JOINTS AS REQUIRED TO ACHIEVE ALIGNMENT. PROVIDE MECHANICAL JOINT THRUST RESTRAINT. SEE WATER LINE NOTE BELOW.
- 205 FURNISH AND INSTALL 22.5" VERTICAL BEND PER CITY STD DWG 402, SHEET C4.6. PROVIDE MECHANICAL JOINT THRUST RESTRAINT WITHIN 30 FEET OF BEND.
- 206 FURNISH AND INSTALL 8" GV&B PER CITY STD DWG 40B, SHEET C4.6.
- 207 FURNISH AND INSTALL 6" GV&B PER CITY STD DWG 40B, SHEET C4.6.
- 210 FURNISH AND INSTALL 8"x8" TEE WITH RETAINER GLANDS PER CITY STD DWG 402, SHEET C4.6. THRUST RESTRAINT WITHIN 13 FEET OF THE TEE.
- 402 FURNISH AND INSTALL 10" STORM SEWER PIPE (PVC D3034) WITH CLASS B BACKFILL PER CITY TYPICAL TRENCH DETAIL RD300A & ODOT STD DWG RD300, SHEET C4.6.
- 404 FURNISH AND INSTALL 24" DUCTILE IRON PIPE CULVERT WITH CLASS E BACKFILL PER CITY TYPICAL TRENCH DETAIL RD300A & ODOT STD DWG RD300, SHEET 4.6.
- 406 FURNISH AND INSTALL 24" CONCRETE INLET WITH BEHVE GRATE PER DETAIL 3, SHEET C4.1.
- 411 CONSTRUCT RAIN GARDEN WITH CURB CUT SPILLWAYS PER GRADING DETAILS ON SHEET C3.2, DETAIL 1, SHEET C4.1 & DETAIL 2, SHEET C4.3.
- 450 PIPE OUTLET WITH RIP RAP PROTECTION PER CITY STD DWG 310, SHEET C4.7.
- 600 CONSTRUCT AC PAVING OVER CRUSHED ROCK PER SECTION DETAIL, SHEET C4.0.
- 601 CONSTRUCT STANDARD CURB AND GUTTER PER CITY STD DWG 213, SHEET C4.4 AND SECTION DETAIL, SHEET C4.0.
- 602 CONSTRUCT 6" WIDE CONCRETE SIDEWALK OVER CRUSHED ROCK PER CITY STD DWG 216, SHEET C4.4 AND SECTION DETAIL, SHEET C4.0.
- 603 CONSTRUCT CURB RETURN AND TRUNCATED DOMES WITH ADA RAMPS PER ODOT STD DWG RD916 OPTION PR-9, SHEET C4.4 AND DETAILS ON SHEETS C3.1 (WEST ADA RAMP) AND C3.2 (EAST ADA RAMP).

WATER LINE NOTES:

NEW WATER LINE SHALL CROSS UNDER NEW STORM AND WASTEWATER PIPES. MAINTAIN 30" COVER OVER WATER LINE AND 18" MIN. VERTICAL CLEARANCE BETWEEN PIPES AT WASTEWATER CROSSING AND WITHIN 10' HORIZONTALLY.



Expires: June 30, 2025

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**SOUTH R STREET
 RIGHT-OF-WAY IMPROVEMENTS**
 SOUTH R STREET SOUTH OF SWEET LANE
 COTTAGE GROVE, OREGON
 UTILITIES PLAN & PROF. STA. 3+00 TO 5+40

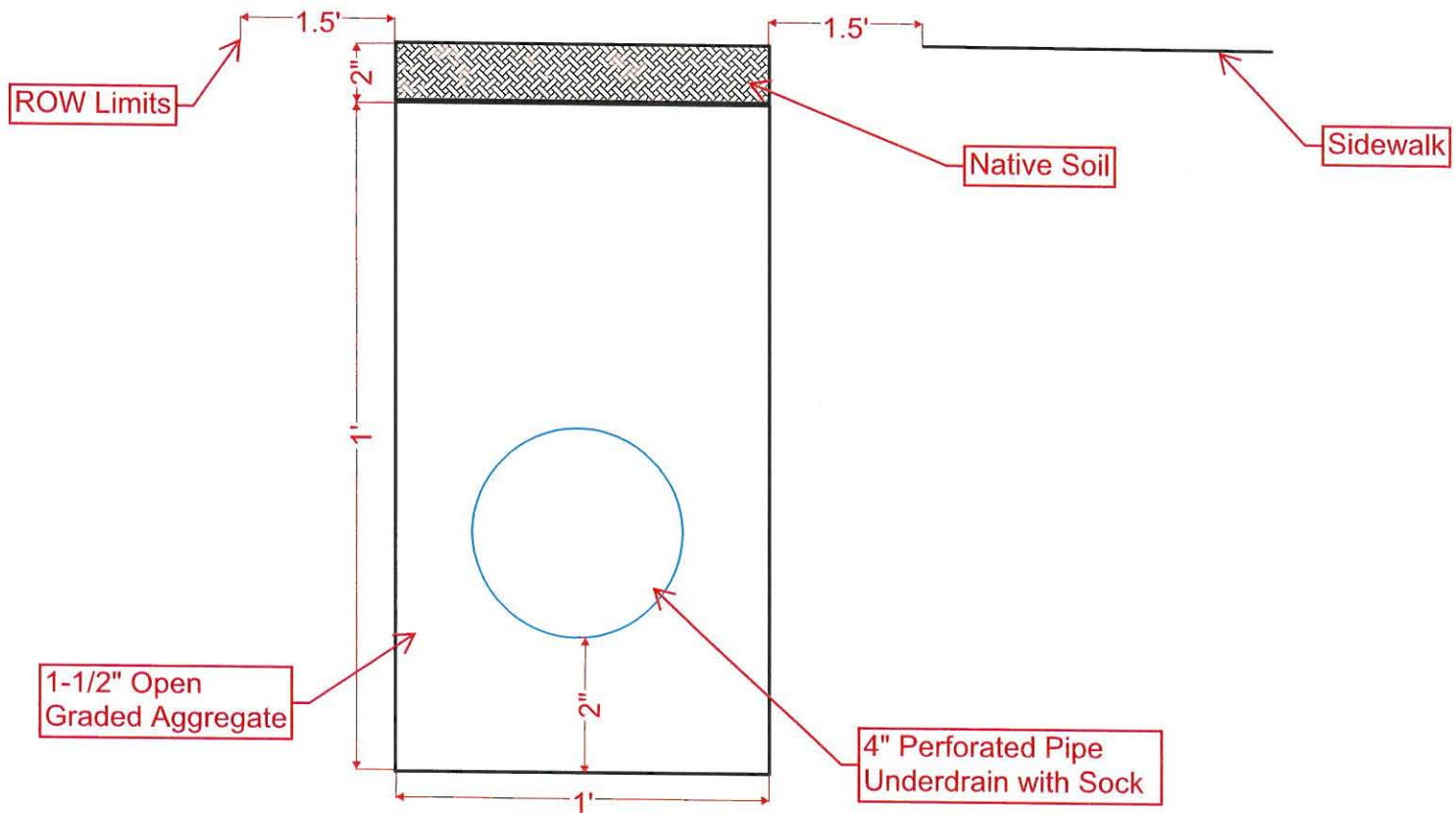
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CHECKED BY:
DC

DATE:
03/20/2024

Sheet No.
C2.1

JOB No.
22-001A



Temporary Perforated Pipe

From Sta 2+60 to 4+80

Daylight at Ditch on Sweet Lane



79 N Danebo Ave
 Eugene, OR 97402
 PH: 541-726-7380
 FX: 541-726-7943

PENDING CHANGE ORDER

Date: 6.11.24 PCO REFERENCE 6.00

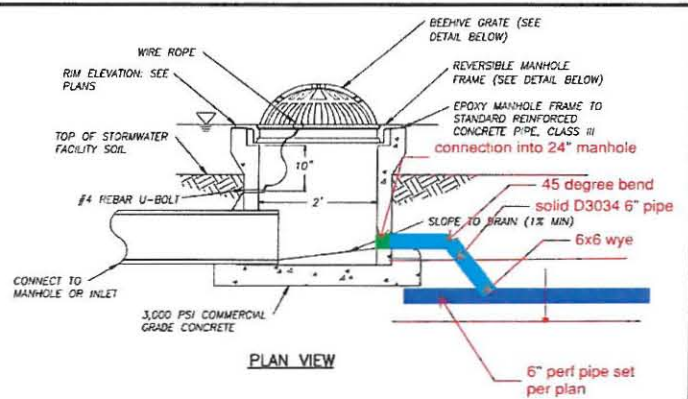
To: City of Cottage Grove

From: Pacific Excavation

Project: R Street Reconstruct

RE: Storm Drain 24" Inlet Design Change R1

The design on the 24" storm drain beehive inlets was not designed deep enough to account for the 6" perf pipe. The is pricing includes the added fittings and piping to connect the 6" perf pipe to the 24" storm inlets.



Labor	\$	773.14
Equipment	\$	117.00
Materials	\$	2,576.02
Subcontracts	\$	-
Additional Bonding	\$	69.32
CAT Tax		20.15

Total Price for PCO 6.00	\$	3,555.64
Additional Contract Days		0

Please let me know if you have any questions.

Thank you,
 Justin Besotes
 Pacific Excavation
 Project Manager



**TIME & MATERIALS
DAILY WORKSHEET**

PROJECT: R Street Reconstruct EWA #: 6.00
 DATE: 6.11.24 Contract No.: 2416

DESCRIPTION OF WORK: 0

LABOR	UNIT PRICE	6" Piping 4 Planters				TOTAL UNITS	TOTAL COST
		HOURS					
Superintendent / Project Mgr	\$ 105.00					0	\$ -
Foreman	\$ 90.22	4				4	\$ 360.88
Foreman OT	\$ 119.80					0	\$ -
Operator	\$ 81.85					0	\$ -
Operator OT	\$ 109.75					0	\$ -
Laborer	\$ 68.21	4				4	\$ 272.84
Laborer OT	\$ 88.95					0	\$ -
Driver	\$ 64.70					0	\$ -
Driver OT	\$ 82.67					0	\$ -
EQUIPMENT							
Foreman Pick Up / Small Tools	\$ 25.00	4				4	\$ 100.00
Hand Compactor / Saws	\$ 25.00					0	\$ -
Diesel Plate Compactor	\$ 40.00					0	\$ -
D3 Dozer	\$ 75.00					0	\$ -
D4 Dozer	\$ 88.00					0	\$ -
D5 Dozer	\$ 103.00					0	\$ -
D6 Dozer	\$ 128.00					0	\$ -
Backhoe	\$ 55.00					0	\$ -
Backhoe w/ HoPac or Hammer	\$ 75.00					0	\$ -
Skid Steer	\$ 50.00					0	\$ -
IT Loader	\$ 84.00					0	\$ -
Forklift	\$ 55.00					0	\$ -
Aerial Lift	\$ 65.00					0	\$ -
Mini Excavator	\$ 55.00					0	\$ -
Mini Exc w/ Breaker	\$ 80.00					0	\$ -
120 Excavator	\$ 105.00					0	\$ -
120 Exc w/ Breaker	\$ 155.00					0	\$ -
220 Excavator	\$ 155.00					0	\$ -
220 Exc w/ Breaker	\$ 230.00					0	\$ -
300 Excavator	\$ 225.00					0	\$ -
400 Excavator	\$ 265.00					0	\$ -
Grader	\$ 115.00					0	\$ -
Mini Double Drum Roller	\$ 45.00					0	\$ -
Smooth Drum Roller	\$ 85.00					0	\$ -
Pad Drum Roller	\$ 95.00					0	\$ -
Water Truck	\$ 90.00					0	\$ -
End Dump Truck	\$ 85.00					0	\$ -
End Dump Truck & Pup	\$ 110.00					0	\$ -
Truck & 40-ft Flat Trailer	\$ 95.00					0	\$ -
Truck & Tilt Deck Trailer	\$ 100.00					0	\$ -
Artic / Off Road Truck	\$ 145.00					0	\$ -
Vac Trailer, Non-Operated	\$ 100.00					0	\$ -
Vac Truck, Non-Operated	\$ 225.00					0	\$ -
Shoring Box, Per DAY	\$ 250.00					0	\$ -
Steel Sheets, Per Day	\$ 25.00					0	\$ -
MATERIALS							
HD Fowler Piping	\$ 2,201.73	1				1	\$ 2,201.73
						0	\$ -
						0	\$ -
						0	\$ -
SUBCONTRACTS							
						0	\$ -
						0	\$ -
						0	\$ -

Item Cost Totals	\$ 2,935.45	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Item Price Totals	\$ 3,466.16	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

TOTALS				
	Cost Totals	Mark Up Percent	Mark Up Amount	Subtotal
Labor	\$ 633.72	22%	\$ 139.42	\$ 773.14
Equipment	\$ 100.00	17%	\$ 17.00	\$ 117.00
Materials	\$ 2,201.73	17%	\$ 374.29	\$ 2,576.02
Subcontracts	\$ -	8%	\$ -	\$ -
			SUBTOTAL	\$ 3,466.16
			ADDITIONAL BONDING - 2%	\$ 69.32
			Corp Activity Tax .57%	\$ 20.15
			TOTAL PRICE	\$ 3,555.64



Customer: PACIFIC EXCAVATION INC
Estimator: Caezar Evangelista
Job Name: SOUTH R STREET - PCO#6 24" INLET CHANGES
Location: COTTAGE GROVE

Estimate: E555326
Bid Date: 5/30/2024

Line	Qty	UoM	Description	Unit Price	Extended Price
<u>CONNECTION TO 24" MANHOLE</u>					
1	4	EA	6" SEWER X 15" & ABOVE CONCRETE MULTI-SIZED INSERTA TEE	177.47	709.88
2	1	EA	6-1/2" SILVER WET DIAMOND BIT HOLE SAW FOR CONCRETE OR CLAY (INCLUDES PILOT DRILL & ARBOR)	343.27	343.27
3	4	EA	6" PSM WYE GASKETED FOR SEWER OR DRAIN	69.13	276.52
4	4	EA	6" PSM 45 ELBOW GASKETED FOR SEWER OR DRAIN	35.46	141.84
5	8	EA	6" ADS X CI/PL COUPLING 1070-66 FERNCO	57.81	462.48
6	42	FT	6" SDR35 3034 GASKETED PVC SEWER PIPE 14' LENGTH	5.72	240.24
7	2	EA	6" SPIGOT PLUG	13.75	27.5
Approximate Total					2,201.73