

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE:	Authorizing the City Manager to Execute a Construction Contract with B&B Utilities and Excavating, LLC in the Amount of \$849,712 for the 2021 Stormwater Pipe Repair and Small Drainage Projects
DEPARTMENT:	Public Works
PRESENTED BY:	Tricia Juhnke, City Engineer
ACTION:	<input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Discussion <input type="checkbox"/> Public Hearing

PROBLEM/ISSUE STATEMENT:

The Stormwater Pipe Repair and Replacement Program (SWPRRP) is an annual program to replace failing infrastructure identified in the Surface Water Utility’s asset inventory and condition assessment (Basin Plan). The Surface Water Small Drainage Projects Program (SWSDPP) is an annual program to resolve small public drainage issues that often start as customer service requests or issues found in the field by staff.

Between March 30 and April 22, 2021, the City solicited for contractors to construct the 2021 Stormwater Pipe Repair and Small Drainage Projects as Bid #9859. This is a combined project that will conduct pipe repair at 27 different sites, and small drainage projects at two (2) different sites. Construction is anticipated to start in June 2021 with a total contract time of 110 working days. The bid from B&B Utilities and Excavating, LLC, in the amount of \$849,712, was the low bid. City staff has determined that the bid from B&B Utilities and Excavating, LLC is responsive and that they have met the City’s requirements. Staff is therefore requesting that the City Council authorize the City Manager to execute a contract with B&B Utilities and Excavating, LLC for construction of the 2021 Stormwater Pipe Repair and Small Drainage Projects in the amount of \$849,712.

RESOURCE/FINANCIAL IMPACT:

This project is fully funded by City’s Surface Water Utility fund. Below is a breakdown of the budget for the 2021 Stormwater Pipe Repair and Small Drainage Projects:

Project Expenditures:

Design:	
Staff and other Direct Expenses	\$ 60,000
Osborn Consulting, Inc. – Design Contract	\$ 610,161
Contingency (10%)	\$ 60,000
Design Subtotal	\$ 730,161

Construction:

Staff and other Direct Expenses	\$ 76,000
<i>B&B Utilities and Excavating Construction Contract</i>	\$ 849,712
Contingency (10%)	\$ 90,000
Construction Subtotal	\$ 1,015,712

Total Project Expenditures \$ 1,745,873

Project Revenue:

Surface Water Capital Fund

SW Small Drainage Projects	\$ 717,845
<u>SW Stormwater Pipe Repair and Replacement</u>	<u>\$ 1,028,028</u>
Total Project Revenue	\$ 1,745,873

RECOMMENDATION

Staff recommends that the City Council authorize the City Manager to execute a construction contract with B&B Utilities and Excavating, LLC, in the amount of \$849,712 for the 2021 Stormwater Pipe Repair and Small Drainage Projects.

Approved By: City Manager **DT** City Attorney **MK**

BACKGROUND

The Stormwater Pipe Repair and Replacement Program (SWPRRP) is an annual program to replace failing infrastructure identified in the Surface Water Utility's asset inventory and condition assessment (Basin Plan). The Surface Water Small Drainage Projects Program (SWSDPP) is an annual program to resolve small public drainage issues that often start as customer service requests or issues found in the field by staff.

The stormwater pipes in the Project were identified for priority repair after completion of systematic CCTV inspection condition assessments in conjunction with basin planning efforts. Prioritization efforts include a detailed review of each pipe's inspection results and other characteristics and take into account both the structural condition of the pipe (risk of failure) and pipe criticality (potential consequences of failure).

The Project will repair stormwater pipe at 27 sites and complete small projects at two (2) sites throughout the City. The majority of these sites are located within the northwestern area of the City, a result of the high number of pipes in poor condition identified in completed basin plans for those drainage areas. A vicinity map showing the site locations can be found in Attachment A to this staff report.

DISCUSSION

The selected repair method for the Project at the 27 repair sites is open-cut pipe repair. This Project will also address small-scale surface water related issues at two (2) project sites distributed throughout the City. City stormwater system assets installed as part of these projects will include stormwater pipe, catch basins, infiltration facilities, and asphalt berms. Small projects are tracked by associated City Work Order (WO) numbers if applicable.

Project Bid Process – Bid #9859

Between March 30 and April 22, 2021, the City solicited for contractors to construct the Project under Bid #9859 as noted above. Bids were opened on April 22, 2021, and four (4) bids were received. B&B Utilities and Excavating, LLC, was the low bidder with a bid of \$849,712. The other bid proposals were \$869,714; \$872,590; and \$1,003,345.

City staff determined that the bid from B&B Utilities and Excavating, LLC, is responsive and has met the requirements of the bid. This was verified by:

- Evaluation of the bid through the creation of bid tabulations, and
- Verification that the contractor is properly licensed in Washington and has not been barred from contracting on federal- and state-funded projects.

The engineer's estimate for construction of the Project was \$761,035. Construction is anticipated to start in June 2021 with a contract time of 110 working days.

COUNCIL GOAL(S) ADDRESSED

This project addresses Council Goal #2: Continue to deliver highly valued public services through management of the City's infrastructure and stewardship of the natural

environment. This project will meet this goal by repairing and replacing failing stormwater pipes.

RESOURCE/FINANCIAL IMPACT

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Design:	
Staff and other Direct Expenses	\$ 60,000
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Contingency (10%)	\$ 60,000
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Staff and other Direct Expenses	\$ 76,000
<i>B&B Utilities and Excavating Construction Contract</i>	\$ 849,712
Contingency (10%)	\$ 90,000
Construction Subtotal	\$ 1,015,712
Total Project Expenditures	\$ 1,745,873

Project Revenue:

Surface Water Capital Fund	
SW Small Drainage Projects	\$ 717,845
SW Stormwater Pipe Repair and Replacement	\$ 1,028,028
Total Project Revenue	\$ 1,745,873

RECOMMENDATION

Staff recommends that the City Council authorize the City Manager to execute a construction contract with B&B Utilities and Excavating, LLC, in the amount of \$849,712 for the 2021 Stormwater Pipe Repair and Small Drainage Projects.

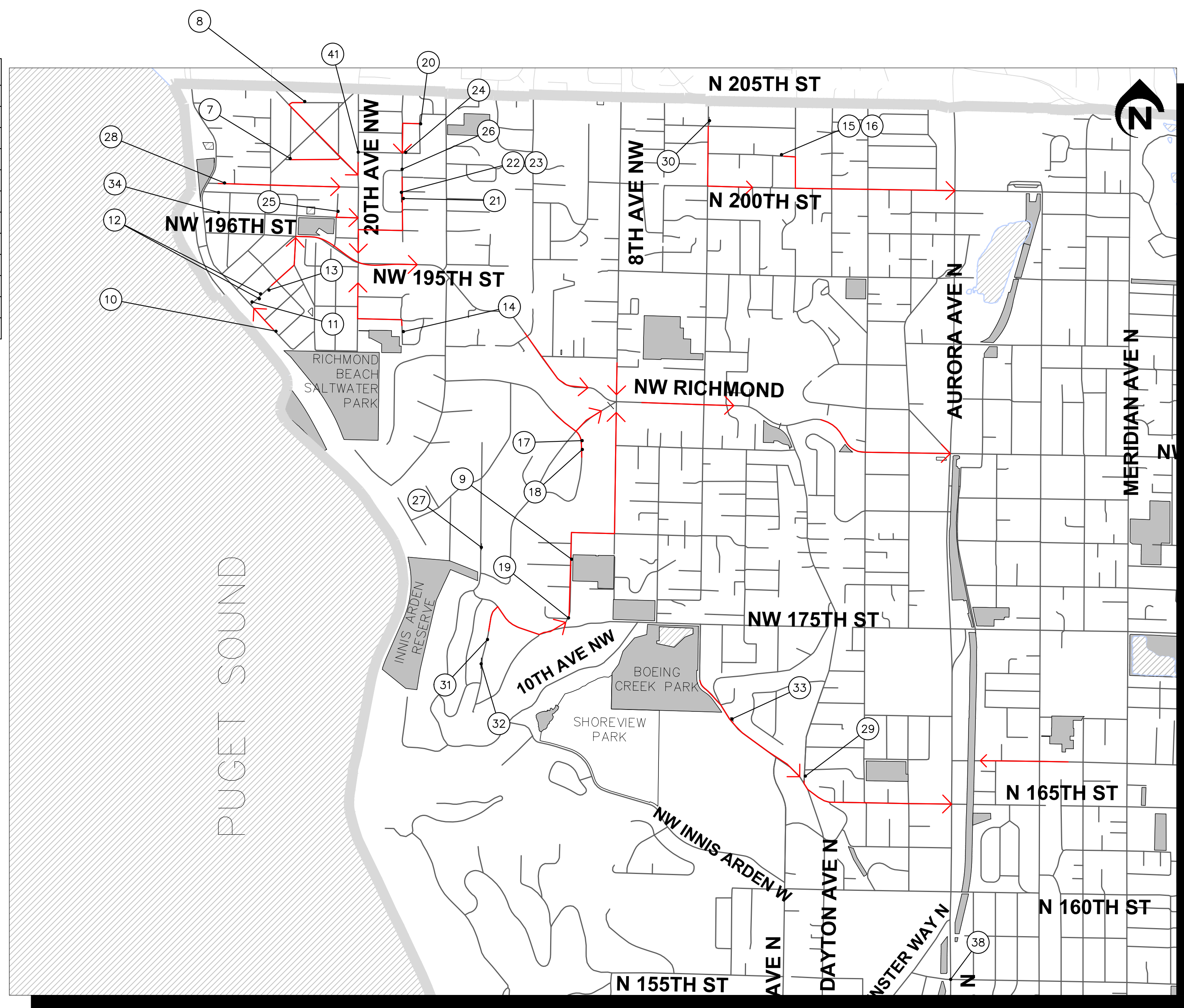
ATTACHMENTS

Attachment A: Project Vicinity Map

ATTACHMENT A

SHEET INDEX		
DRAWING	SHEET #	SHEET TITLE
G01	1	COVER SHEET
G02	2	SHEET INDEX
G03	3	GENERAL NOTES
G04	4	GENERAL NOTES
OPEN CUT SITES (BID SCHEDULE A)		
G05	5	TRAFFIC CONTROL NOTES
G06	6	TRAFFIC CONTROL NOTES
OC01	7	NW 201ST ST & 23RD AVE NW
OC02	8	20232 23RD PI NW
OC03	9	NW 178TH ST & 10TH AVE NW
OC04	10	RICHMOND BEACH DR NW & NW 191ST PL
OC05	11	RICHMOND BEACH DR NW & NW 193RD PL
OC06	12	2531 NW 193RD PL & 19310 RICHMOND BEACH DR NW
OC07	13	2519 NW 193RD PL
OC08	14	19116 17TH AVE NW
OC09	15	202 N 201ST ST & PALATINE AVE N
OC10	16	224 N 201ST ST
OC11	17	18373 RIDGEFIELD RD NW
OC12	18	18373 RIDGEFIELD RD NW
OC13	19	10TH AVE NW & NW 175TH PL
OC14	20	NW 204TH ST & 17TH AVE NW
OC15	21	18TH AVE NW & NW 199TH ST
OC16	22	NW 199TH ST & 18TH AVE NW
OC17	23	NW 199TH ST & 18TH AVE NW
OC18	24	NW 201ST ST & 18TH AVE NW
OC19	25	21ST AVE NW & NW 197TH ST
OC20	26	NW 200TH ST & 18TH AVE NW
OC21	27	17730 14TH AVE NW
OC22	28	2618 NW 199TH ST #B
OC23	29	DAYTON AVE N & CARLYLE HALL RD
OC24	30	3RD AVE NW & NW 203RD ST
OC25	31	17221 13TH AVE NW
OC26	32	117113 13TH AVE NW
OC27	33	16834 CARLYLE HALL RD NW
OC28	34	2620 NW 197TH ST

SHEET INDEX		
DRAWING	SHEET #	SHEET TITLE
SMALL PROJECT SITES (BID SCHEDULE B)		
G08	35	TRAFFIC CONTROL NOTES
LINDEN AVE N AND N 155TH ST		
X01	36	WO1469 EXISTING CONDITIONS
SP01	37	WO1469 TESC AND SITE PREP
C01	38	WO1469 PLAN AND PROFILE
20TH AVE NW AND NW 201ST ST		
X02	39	WO12743 EXISTING CONDITIONS
SP02	40	WO12743 TESC AND SITE PREP
C02	41	WO12743 PLAN AND PROFILE
C03	42	STORM DRAINAGE DETAILS



VICINITY MAP
SHORELINE, WA

PAGE NUMBER

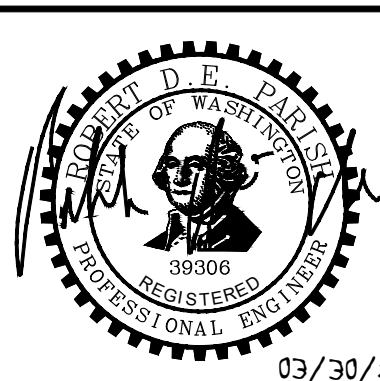
HAUL ROUTE

NTS



03/24/2021 6:14pm P:\10-200011 City of Shoreline 2021-22 Storm Projects\3 CAD\Sheets\10-200011_COVER_OPEN_CUT.dwg

MARK	REVISION DESCRIPTION	BY	APP.	DATE



Osborn Consulting, Inc.
Bellevue | Seattle | Spokane
www.osbornconsulting.com

DRAWN BY JR
DESIGN BY MW
CHECK BY RP
PROJ MGR LB

CITY OF SHORELINE
**2021 STORMWATER PIPE REPAIR
AND SMALL DRAINAGE PROJECTS**

SHEET INDEX

DRAWING NO. G02
PROJECT NO. 9859
FED AID NO. _____
DATE: 3/30/2021
SHEET NO. 2 OF 42