PORT OF BROOKINGS HARBOR

Special Commissioner Meeting

16350 Lower Harbor Rd Suite 202
Thursday, June 11, 2020 • 2:00pm
Teleconference / Meeting Room (Limited Space)

Teleconference Call-In Number: 1 (301) 715-8592
Meeting ID: 880 5375 1108 Participant ID: # (to mute/unmute: * 6)
When calling in, please announce your arrival and state your name when you join the meeting.

TENTATIVE AGENDA

1. **CALL MEETING TO ORDER**
   - Roll Call
   - Modifications, Additions, and Changes to the Agenda
   - Declaration of Potential Conflicts of Interest

2. **APPROVAL OF AGENDA**

3. **PUBLIC COMMENTS** (Limited to a maximum of three minutes per person. Please email your comments to danielle@portofbrookingsharbor.com prior to the meeting, no later than 1:30pm day of meeting. ***Please wait to be called on before speaking***)

4. **ACTION ITEMS** **Page #**
   A. Curry County 36-inch Storm Drain Easement..... 2
   B. Curry County Storm Drain Master Plan Update..... 19
   C. Clark Sunken Boat October 19, 2019..... 37

5. **INFORMATION ITEMS**
   A. None

6. **COMMISSIONER COMMENTS**

7. **NEXT REGULAR MEETING DATE** – Tuesday, June 16, 2020 at 6:00pm

8. **ADJOURNMENT**

A request for an interpreter for the hearing impaired, for those who want to participate but do not have access to a telephone, or for other accommodations for persons with disabilities should be made at least 48 hours in advance of the meeting to Port of Brookings Harbor Office at 541-469-2218.

ACTION ITEM – A

DATE:	June 11, 2020
RE:	Curry County 36-inch Storm Drain Easement
TO:	Honorable Board President and Harbor District Board Members
ISSUED BY:	Gary Dehlinger, Port Manager

OVERVIEW

- This project is dealing with the 36-inch storm drain behind the Port Office that occasionally overflows and floods the Port. Same storm drain the Port and Curry County removed debris from recently.
- The project would consist of rebuilding the headwall on county right-of-way and installing a sediment basin on part of Port property (behind Port Office).
- County Roadmaster, Richard Christensen will be present to review the project and to answer any questions.
- This project would benefit the Port and County to keep the storm drain and harbor clear of debris.

DOCUMENTS

- Task Order 20 Lower Harbor Road Storm Drain Improvements, 7 pages
- The Dryer Partnership, Lower Harbor Road Drainage Study, 9 pages

COMMISSIONERS ACTION

- **First Recommended Motion:**
  Motion to approve temporary construction easement to perform the work to the 36-inch storm drain on Port property at no charge.
- **Second Recommended Motion:**
  Motion to approve permanent 36-inch storm drain easement on Port property for the sediment basin structure at no cost.

TASK ORDER 20
Curry County Road Department
Lower Harbor Road Storm Drain Head Wall and Sediment Basin

Services for this Task Order will be performed and billed on a time and materials basis, in accordance with the conditions of the Professional Services Contract between Curry County and The Dyer Partnership, Engineers and Planners Inc. dated June 27, 2019.

SCOPE OF WORK: Provide design, bidding and construction period services for replacement of the existing storm drain headwall and a 16' long by 8' wide sediment basin located along Lower Harbor Road where the existing storm drain system is routed just south of the Port of Brookings Harbor office building. Work includes design of new storm drain head wall and sediment basin; permitting; bidding period services and construction period services.

FOUNDATION: During recent storm events, the existing storm drain headwall does not prevent debris from entering the existing 36" storm drain pipe that runs across Lower Harbor Road and across the parking area that serves the Port area. This debris includes larger rocks and sediment that affect the overall capacity of the 36" storm drain system. Construction of a new head wall and sediment basin will help to eliminate the settlement of debris in the downstream components of the existing 36" storm drain pipe. This work is located within an unnamed stream that has close proximity to the Chetco River estuary which will trigger environmental permitting. Environmental permits will be completed during design and prior to construction.

Curry County is in need of engineering services for the project outlined as follows:

SCOPE OF ENGINEERING SERVICES

Coordination

- Coordinate with Road Department staff, affected property owners and affected utilities.

Design Period Services

- Utilize previous survey completed in the Lower Harbor Road Storm Drain study.
- Prepare construction documents to include drawings and specifications related to the storm drain headwall and sediment basin.
- Provide easement descriptions and maps as needed for the headwall and sediment basin features that may be required from adjacent property owners.
- Provide final estimated costs for construction and an estimated time line for construction. Submit construction documents to County for review and approval.

Permitting

- Coordinate and attend an onsite meeting with regulatory agencies.

- Prepare environmental permit (Joint Permit Application) for submittal to regulatory agencies.
- Prepare and submit Oregon Department of Environmental Quality water quality permit (401 Water Quality Certification).
- Prepare and submit the State Historical Preservation Office clearance form.

Assumptions:

- No Archeological Investigation required
- No DEQ 1200-C Permit required
- No DSL Easement required
- No wetland delineation required
- No funding application or coordination required

Bidding Period Services

- Prepare bidding documents including bidding requirements and contract documents.
- Prepare advertisement for bids and send to County-approved publications (County to pay advertising expense).
- Develop electronic copies (pdf) of final bidding documents and distribute to QuestCDN for bidders and suppliers to purchase and download. Reproduce bidding documents and distribute to Owner, Engineer and interested bidders.
- Respond to bidder questions and prepare necessary addendums, if needed. Review bids and recommend contract award based on public contracting rules.
- Prepare construction contracts for County approval. Issue Notice of Intent to Award, Notice of Award and Notice to Proceed.

Contract Administration

- Administer construction contract. Prepare necessary pay requests and change orders. Notify County staff immediately of potential construction problems and recommend a cost effective remedy in order to not delay the construction.
- Tabulate payment quantities and recommend payments to the Contractor.
- Project Manager to make periodic site inspections.
- Develop construction stakeout points and layout sheets for stakeout.
- Provide construction staking for the replacement culvert and location of the temporary access road route.
- Conduct bi-monthly project meetings as needed.

Construction Observation Services

- County forces will provide any resident observation required for this project.
- Project engineer will make two site visits during construction to monitor the overall construction progress.

Schedule (anticipated)

- Design –May / June 2020.
- Bidding Period – July 2020.
- Construction – early fall 2020.

Proposed Fee

The fee for the services as described in this Task Order shall not to exceed a maximum of $40,500 including all professional services and reimbursable expenses.

PAYMENT METHOD: Monthly Billing

Curry County Commissioners

The Dyer Partnership
Engineers & Planners, Inc.

_____
Mr. Chris Paasch

Date:_____

_____
Michael Erickson, Sr. V.P.

Date:_____

Mr. Court Boice

Date:_____

Ms. Sue Gold

Date:_____

_____
John Huttl, Curry County Counsel

Date:_____

ESTIMATE OF MAN HOURS AND COSTS

DATE: 04-21-20 *PROJECT:* **Lower Harbor Road Storm Drain** *Phase I:* Design / Permitting

		MAN HOURS							
	TASK	PRIN MGR	PROJ MGR	PROJ ENGR 2	ENGR TECH 2	DESN	INSPECT	2-M SUR CREW	CLER 2
1	Coordination	4		6					
2	Preliminary Design Plans	6	8	24	6				
3	Final Design Plans	6	12	26	8				
4	Technical Specifications	4		10					6
5	Coordination with Utility Companies			4					
6	Cost Estimates			4					
7	Coordination on Permitting		8	8					
8	Joint Permit Application		6	32	6				
9	Restoration Plan		4	10	4				
10	Permitting Timeline		2	4					
11									
12									
13									
14									
	TOTAL ESTIMATED HOURS	20	40	128	24	0	0	0	6

MATERIAL COSTS	DESCRIPTION OR UNIT	QUANTITY	UNIT COST	TOTAL COST
REPORT				0.00
PHOTOGRAPHS				0.00
COST ESTIMATE				0.00
PLANS AND PRINTS				0.00
SPECIFICATIONS				0.00
OTHER				0.00
				0.00
				0.00
TOTAL MATERIAL COSTS----------				$0.00

TRAVEL AND PER DIEM	DETAIL	UNIT COST	TOTAL COST
MILEAGE		$0.56	0.00
COMMERCIAL PER DIEM		$51	0.00
LOCAL TRANSPORTATION LODGING		$100	0.00
TOTAL TRAVEL AND PER DIEM----------			$0

OTHER SIGNIFICANT COSTS	DETAIL	TOTAL COST
1ST CONTACT TELEPHONE		
SHIPPING		
REPRODUCTION		
OTHER		
TOTAL OTHER SIGNIFICANT COSTS----------		$0

PREPARED BY: MWE

ESTIMATE OF MAN HOURS AND COSTS

DATE: 04-21-20 *PROJECT:* **Lower Harbor Road Storm Drain** *Phase 2:* Bidding Period Services

		MAN HOURS							
	TASK	PRIN MGR	PROJ MGR	PROJ ENGR 2	ENGR TECH 2	DESN	INSPECT	SURVEY CREW	CLER 2
1	Prepare bidding documents	4		10					14
2	Bid period questions, addendums	1		4					4
3	Bid opening			6					4
4	Review bids & prepare contracts	2		6					6
5									
	TOTAL ESTIMATED HOURS	7	0	26	0	0	0	0	28

MATERIAL COSTS	DESCRIPTION OR UNIT	QUANTITY	UNIT COST	TOTAL COST
REPORT				0.00
PHOTOGRAPHS				0.00
COST ESTIMATE				0.00
PLANS AND PRINTS				0.00
SPECIFICATIONS				0.00
OTHER				0.00
				0.00
				0.00
TOTAL MATERIAL COSTS----------				$0.00

TRAVEL AND PER DIEM	DETAIL		TOTAL COST
MILEAGE	215	$0.58	124.70
COMMERCIAL PER DIEM		$51	0.00
LOCAL TRANSPORTATION LODGING		$100	0.00
TOTAL TRAVEL AND PER DIEM----------			$125

OTHER SIGNIFICANT COSTS	DETAIL	TOTAL COST
SHIPPING		
REPRODUCTION		
OTHER		
TOTAL OTHER SIGNIFICANT COSTS----------		$0

PREPARED BY: MWE

ESTIMATE OF MAN HOURS AND COSTS

DATE: 04-21-20 *PROJECT:* **Lower Harbor Road Storm Drain** *PART 3:* Construction Administration

	TASK	MAN HOURS PRIN MGR	PROJ MGR	PROJ ENGR 2	ENGR TECH 2	DESN	CONSTR OBSERV	2-M SUR CREW	CLER 2
1	Construction management	4		16					2
2	Construction stakeout calc			4					
3	Construction Stakeout	2						12	
4	Resident Observation	6		12					
5	Partial payments/change orders			4					
6	Project closeout			4					
	TOTAL ESTIMATED HOURS	12	0	40	0	0	0	12	2

MATERIAL COSTS	DESCRIPTION OR UNIT	QUANTITY	UNIT COST	TOTAL COST
REPORT				0.00
PHOTOGRAPHS				0.00
COST ESTIMATE				0.00
PLANS AND PRINTS				0.00
SPECIFICATIONS				0.00
OTHER				0.00
				0.00
				0.00
TOTAL MATERIAL COSTS				$0.00

TRAVEL AND PER DIEM	DETAIL			TOTAL COST
MILEAGE	720		$0.58	417.60
COMMERCIAL PER DIEM		each	$51	0.00
LOCAL TRANSPORTATION LODGING		each	$100	0.00
TOTAL TRAVEL AND PER DIEM				$418

OTHER SIGNIFICANT COSTS	DETAIL	TOTAL COST
1ST CONTACT TELEPHONE		
SHIPPING		
REPRODUCTION		
OTHER		
TOTAL OTHER SIGNIFICANT COSTS		$0

PREPARED BY: MWE

SUMMARY

BREAKDOWN OF PROPOSED FEE

DATE: 04-21-20 *PROJECT:* **Lower Harbor Road Storm Drain**

	LABOR RATE $/HR	PROJECT ----- -1- ----- HRS	AMOUNT	----- -2- ----- HRS	AMOUNT	----- -3- ----- HRS	AMOUNT
DIRECT LABOR COSTS							
PRINCIPLE MANAGER----------	140.00	20	2,800.00	7	980.00	12	1,680.00
PROJECT MANAGER----------	130.00	40	5,200.00	0	0.00	0	0.00
PROJECT ENGINEER 2----------	120.00	128	15,360.00	26	3,120.00	40	4,800.00
ENGINEER TECH 2----------	100.00	24	2,400.00	0	0.00	0	0.00
DESIGNER----------	90.00	0	0.00	0	0.00	0	0.00
CONSTR. OBSERVER	90.00	0	0.00	0	0.00	0	0.00
2-MAN SURVEY CREW	145.00	0	0.00	0	0.00	12	1,740.00
CLERICAL 2----------	52.00	6	312.00	28	1,456.00	2	104.00
TOTAL DIRECT LABOR COSTS:			$26,072		$5,556		$8,324
DIRECT PROJECT EXPENSES							
A. MATERIAL COSTS (BREAKDOWN ATTACHED)			0.00		0.00		0.00
B. TRAVEL & PER DIEM (BREAKDOWN ATTACHED)			0.00		124.70		417.60
C. OTHER SIGNIFICANT COSTS (BREAKDN ATTACHED)			0.00		0.00		0.00
D. ADMINISTRATIVE FEE $0 % OF A,B,&C			0.00		0.00		0.00
TOTAL OF A THROUGH D			$0.00		$124.70		$417.60
TOTAL FEE (PER PHASE):			$26,070		$5,681		$8,750

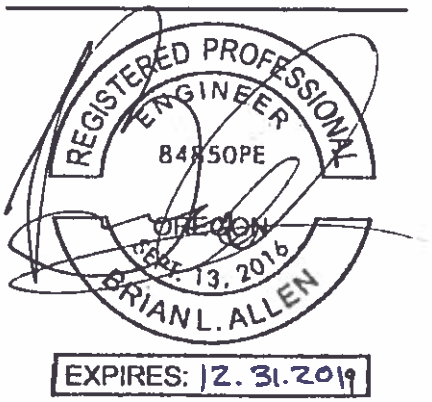
Phase	1:	Design / Permitting	$26,070
Phase	2:	Bidding Period Services	$5,681
Phase	3:	Construction Administration	$8,750
		Total Tasks 1+2+3	$40,500

PREPARED BY: MWE

THE DYER PARTNERSHIP
ENGINEERS & PLANNERS, INC.

1330 TEAKWOOD AVENUE
Coos Bay, Oregon 97420
Ph: (541) 269-0732
Fx: (541) 269-2044
www.dyerpart.com

MEMORANDUM



DATE	September 9, 2019
TO	Curry County
FROM	Brian Allen, PE
PROJECT NAME	Lower Harbor Road Drainage
PROJECT NO.	117.08

BACKGROUND:
The Dyer Partnership has completed a hydrologic and hydraulic analysis for the existing storm system at Lower Harbor Road in Brookings, OR. Curry County has requested a hydraulic and hydrologic analysis of the drainage basin and culvert to determine peak flow, existing system capacity, deficiencies in the system, and a recommendation for capacity improvements.

EXISTING SYSTEM HYDRAULIC ANALYSIS:
The existing storm infrastructure includes a 36" pipe that discharges into the harbor above the ordinary high water level. The existing upstream characteristics include a parking lot, residential neighborhoods and forested land. The Manning's equation was used to determine the pipe capacity. The pipe capacity was determined to be 182 cfs.

HYDROLOGIC ANALYSIS:
The TR-55 for determining peak flow from storm water runoff was used to approximate the design discharge from the drainage basin. The drainage basin covers approximately 102 acres of mixed residential and undeveloped forest and approximately 10 additional acres of parking lot drainage. The rainfall intensity used in the TR-55 method was approximated from the National Oceanic and Atmospheric Administration's Atlas 2 Volume X isopluvial maps for Brookings, Oregon. The rainfall intensity recurrence intervals of 2-years, 5-years, 10-years, 25-years, 50-years, and 100-years were used in the analysis. The composite curve number (CN= 66 for drainage basin, 69 for drainage basin with parking drainage) was approximated using a weighted average of the drainage basin ground cover. A curve number of 70 was used for the impervious areas (residential areas) of the drainage basin. A curve number of 55 was used for the pervious areas (undeveloped forest) which include both farm land and forest. A curve number of 98 was used for parking lots. Inputs to the Hydraflow Hydrographs application within AutoCAD Civil3D are included in the Appendix and the output Hydrographs are included in the Appendix attached to this memorandum.

Table 1 – Peak Flow (TR-55)

Recurrence Interval	Rainfall Intensity (in/hr)	DA Peak Flow (cfs)	DA with Parking Lot Peak Flow (cfs)
2 Year	0.62	1.35	1.90
5 Year	0.80	4.29	9.13
10 Year	0.90	16.02	24.30
25 Year	1.00	41.25	54.85
50 Year	1.10	61.37	78.69
100 Year	1.25	85.82	107.20

Table 2 – Curve Number Inputs (TR-55)

DA with Parking Lot Area (ac)	DA Area (ac)	Curve No. (CN)
71	71	70 (Residential)
31	31	55 (Undeveloped Forest)
10	-	98 (Parking Lot)

To provide an additional analysis of the stormwater runoff the Rational Method was used. The rational method is a more rudimentary analysis of runoff compared to the TR-55 model. It assumes constant intensity rainfall that is uniform over the watershed; due to this assumption estimated runoff rates are larger than those estimated using the TR-55 model. The rainfall intensity used was the same as the TR-55 method however the time of concentration was calculated and was used as the required storm interval. The runoff coefficient (C= 0.41 for drainage basin, 0.46 for drainage basin with parking drainage) was approximated using a weighted average of the drainage basin ground cover. Runoff coefficients of 0.5 was used for the residential areas of the drainage basin. Runoff coefficients of 0.22 was used for the undeveloped forest which includes both farm land and forest. A runoff coefficient of 0.95 was used for parking lots.

Table 3 – Peak Flow (Rational Method)

Recurrence Interval	Rainfall Intensity (in/hr)	DA Peak Flow (cfs)	DA with Parking Lot Peak Flow.(cfs)
2 Year	1.6	66.9	82.43
5 Year	1.9	79.5	97.9
10 Year	2.2	92.00	113.3
25 Year	2.6	108.7	134.0
50 Year	2.75	115.0	141.7
100 Year	3.0	125.5	154.6

Table 4 – Runoff Coefficients (Rational Method)

DA with Parking Lot Area (ac)	DA Area (ac)	Runoff Coefficient (C)
71	71	0.5 (Residential)
31	31	0.22 (Undeveloped Forest)
10	-	0.95 (Parking Lot)

HYDRAULIC ANALYSIS:
The existing 36" CMP culvert was determined to have a full flow capacity of 188 cfs by using the Manning's Equation. A factor of safety of 1.2 was used to account for any future upstream development and potential debris build-up inside the culvert. Therefore the maximum capacity of the existing 36" CMP culvert is 157 cfs.

CONCLUSION:
The peak flow anticipated from the 100-year storm event (154.6 cfs) is less than the full flow capacity (157 cfs) of the existing 36" CMP. The existing 36" CMP culvert is adequately sized for the drainage basin. The existing 36" CMP culvert has a reduced capacity due to large sediment buildup or a poor pipe condition. It is recommended that the culvert be inspected by televising during low flow conditions to allow for a clear view of the culvert conditions. The culvert should be cleaned of any debris or sediment that has built up. After the buildup has been removed a headwall with a trash rack and sediment basin should be installed upstream to help mitigate any future sediment and debris buildup within the culvert. Included is a plan and profile of the existing 36" CMP culvert with the proposed location of the recommended improvements and associated cost estimate.

APPENDIX:

Time of Concentration Equation: $$t_c = 0.0078\left(\frac{L^{0.77}}{S^{0.385}}\right)$$

Rational Method Equation: $$Q = CiA$$

Manning's Equation: $$Q = VA = \left(\frac{1.49}{n}\right)AR^{\frac{2}{3}}\sqrt{S} \quad [U.S.]$$

Lower Harbor Storm Drain Headwall and Sedimentation Basin

No.	Description	Quantity	Unit	Unit Cost	Item Cost
1	Construction Facilities And Temp. Controls	1	LS	$14,000.00	$14,000
2	Bypass Pumping / Dewatering	1	LS	$8,000.00	$8,000
3	Misc. Demolition and Site Preparation	1	LS	$5,000.00	$5,000
4	Pavement Removal and Replacement	1	LS	$5,000.00	$5,000
5	Curb Removal and Replacement	40	LF	$30.00	$1,200
6	36" Storm Drain Pipe - Class III Backfill	10	LF	$200.00	$2,000
7	Reinforced Concrete Headwall w/Debris Rack	1	EA	$20,000.00	$20,000
8	Sedimentation Basin	1	EA	$40,000.00	$40,000
9	Basin Excavation and Backfill	1	LS	$5,000.00	$5,000
10	Utility Relocation	1	EA	$5,000.00	$5,000
11	Landscaping	1	LS	$2,500.00	$2,800

Total Construction	**$108,000**
Engineering	**$25,000**
Permitting	**$15,000**
Permit Fees	**$2,000**
Contingency	**$16,000**
Legal & Administration	**$4,000**
Total Project Cost	**$ 170,000**

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9/9/2019 9:55 AM

Hydrograph Repo..

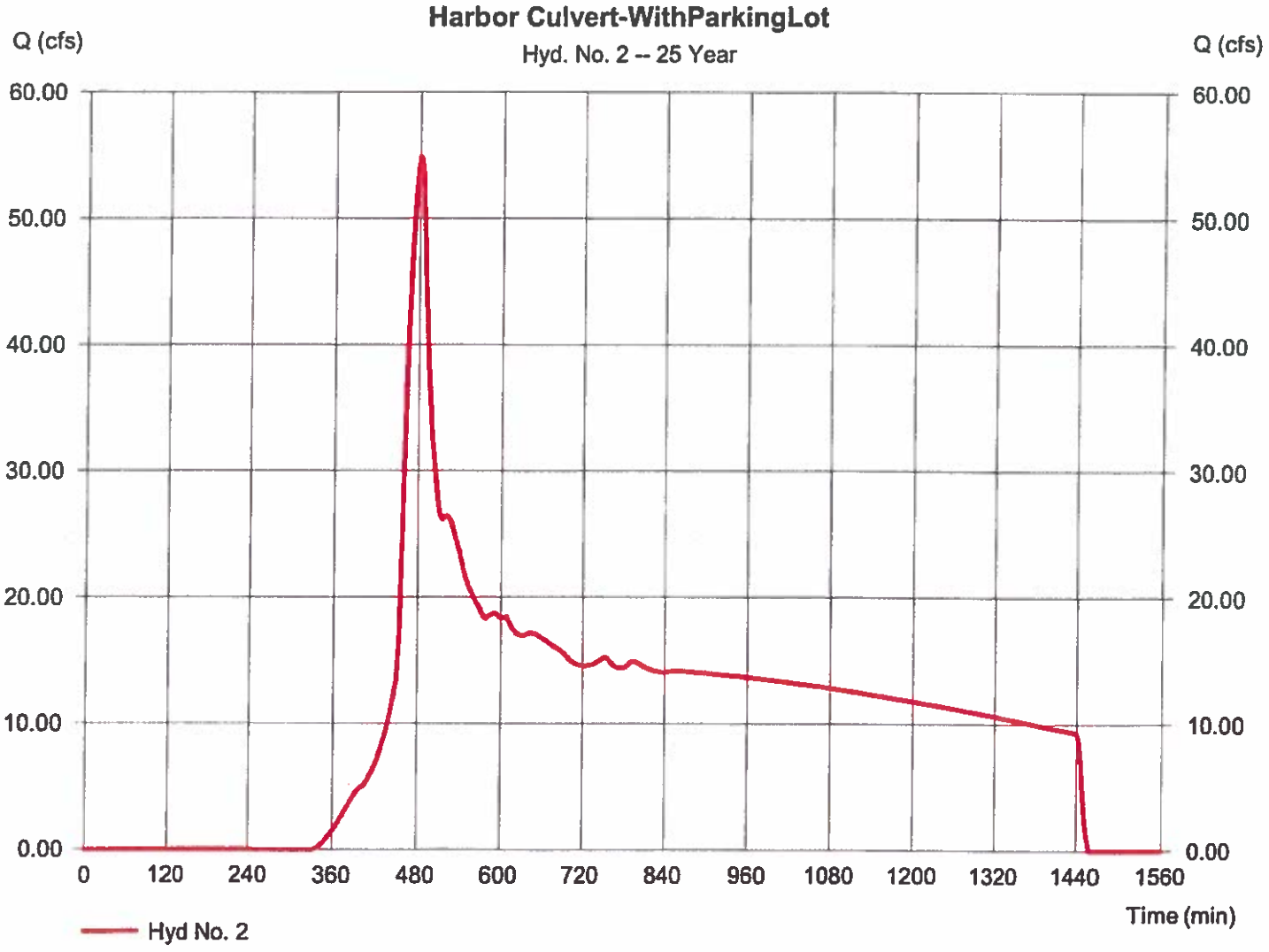
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2018 by Autodesk, Inc. v12 — Monday, 09 / 9 / 2019

Hyd. No. 2

Harbor Culvert-WithParkingLot

Hydrograph type	= SCS Runoff	Peak discharge	= 54.85 cfs
Storm frequency	= 25 yrs	Time to peak	= 480 min
Time interval	= 2 min	Hyd. volume	= 954,777 cuft
Drainage area	= 112.300 ac	Curve number	= 66*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 10.90 min
Total precip.	= 5.77 in	Distribution	= Type IA
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(31.000 x 80) + (71.000 x 55) + (10.300 x 98)] / 112.300



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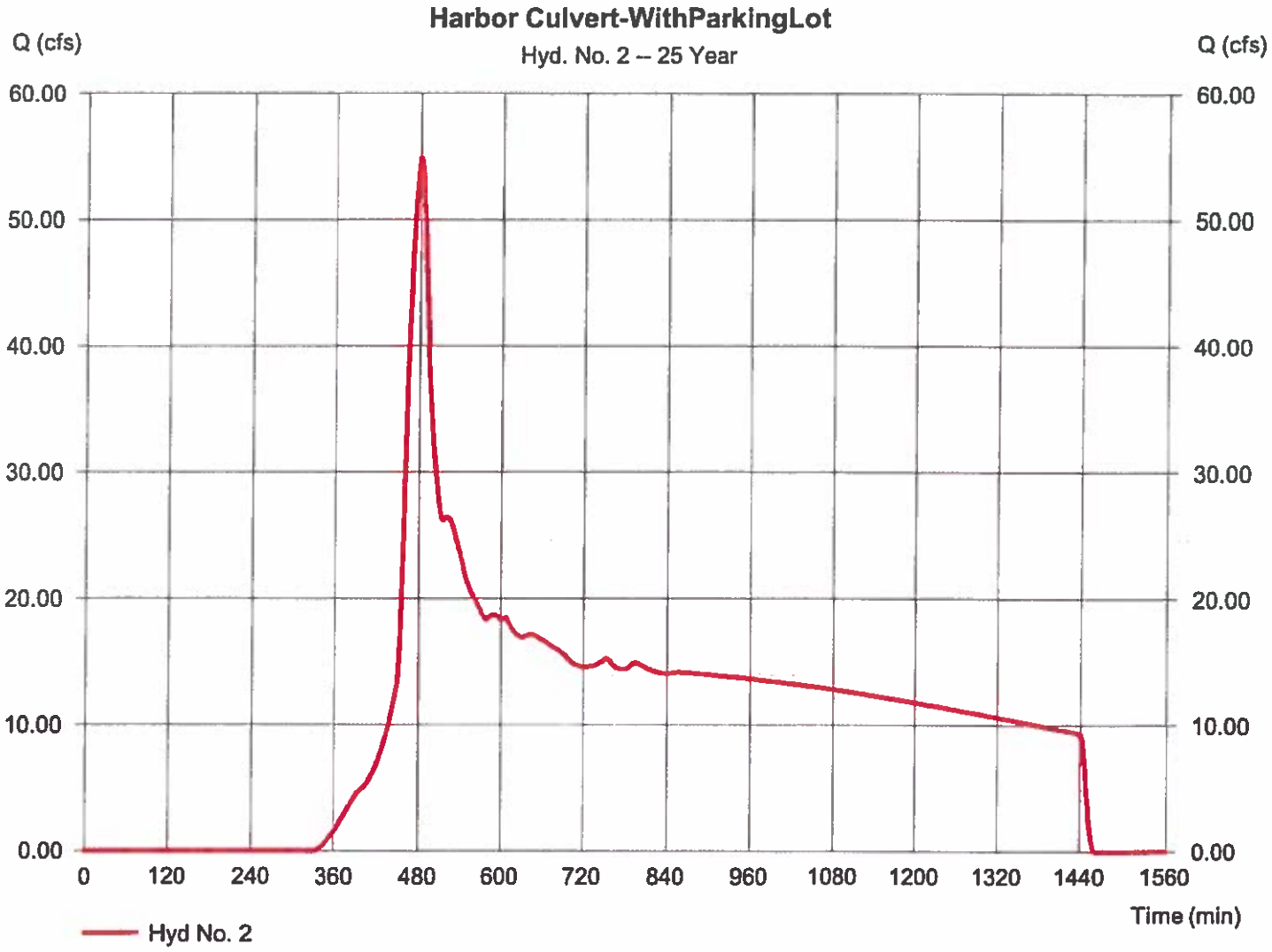
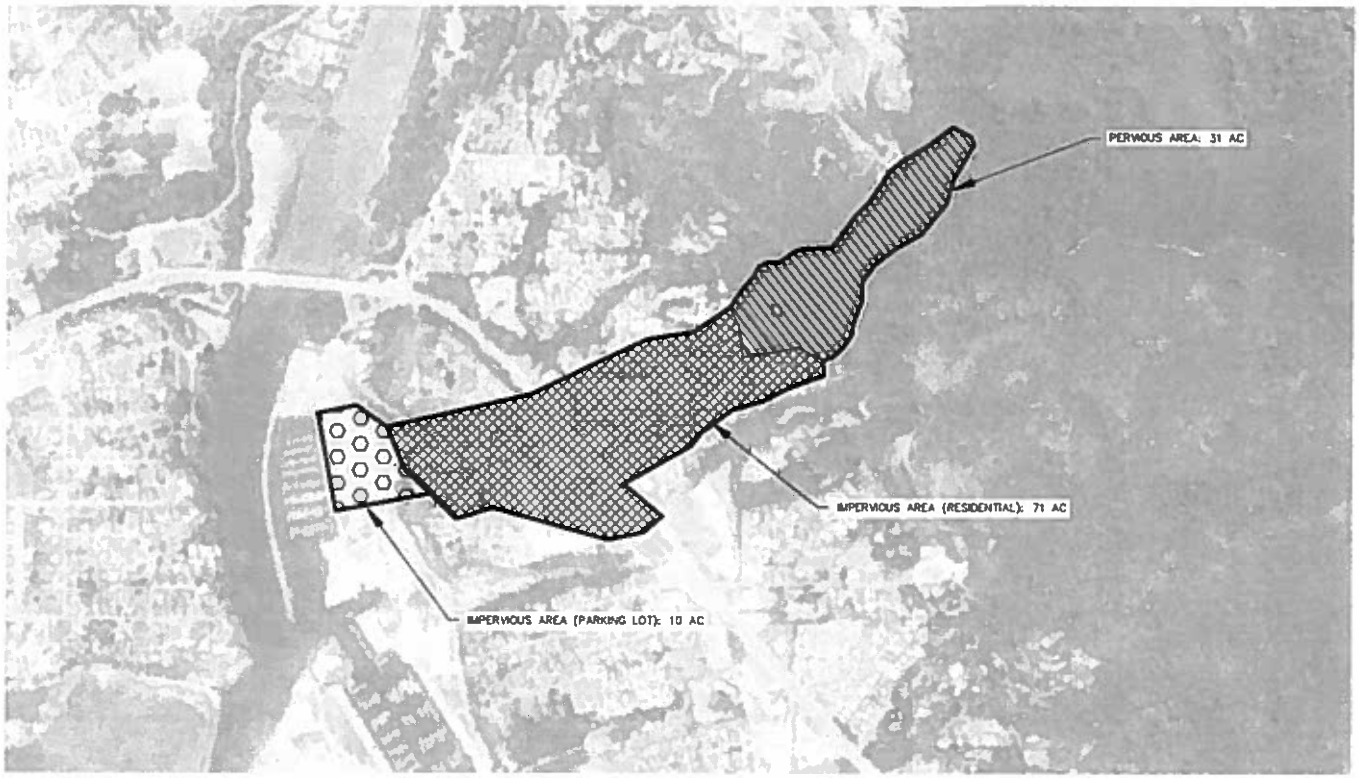




DA with Parking Lot Area (ac)	DA Area (ac)	Curve No. (CN)
71	71	70 (Residential)
31	31	55 (Undeveloped Forest)
10	-	98 (Parking Lot)

DA with Parking Lot Area (ac)	DA Area (ac)	Runoff Coefficient (C)
71	71	0.5 (Residential)
31	31	0.22 (Undeveloped Forest)
10	-	0.95 (Parking Lot)

PLAN SCALE

REGISTERED PROFESSIONAL ENGINEER
84850PE
OREGON
JULY 1, 2014
BRIAN L. ALLEN
EXPIRES 12/31/19

DESIGNED: BLA
DRAWN: BCH
APPROVED BY: _____ DATE: _____

REVISIONS

NO.	DESCRIPTION	ENGINEER	APPR'D	DATE

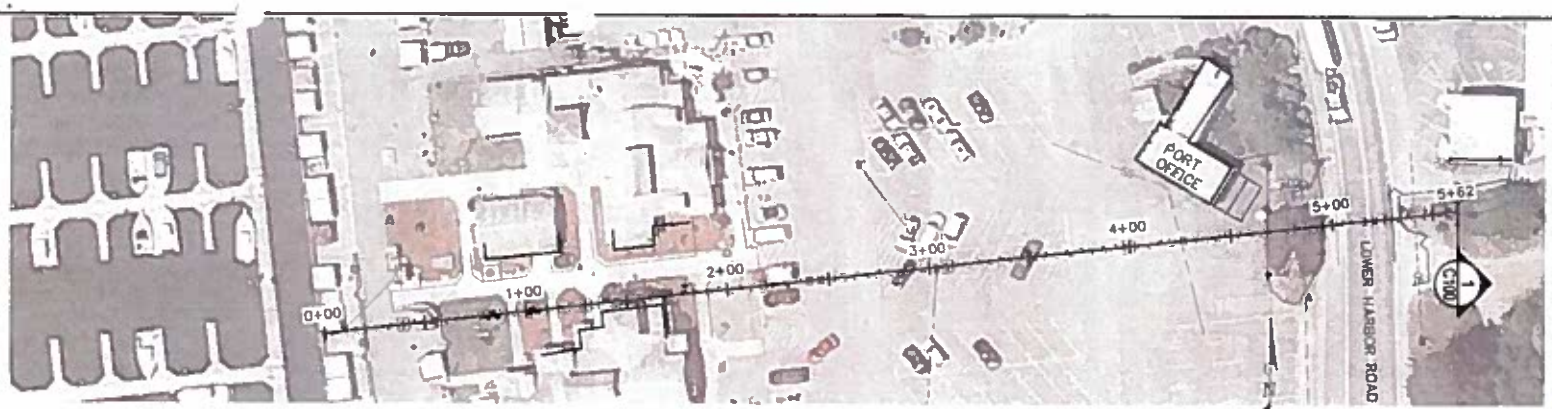
THE DYER PARTNERSHIP
ENGINEERS & PLANNERS, INC.
1330 TEAKWOOD AVENUE
COOS BAY, OREGON 97420
TELEPHONE: (541) 269-0732
www.dyerpart.com

LINE IS 1 INCH AT FULL SCALE

LOWER HARBOR ROAD DRAINAGE

CIVIL
DRAINAGE BASIN

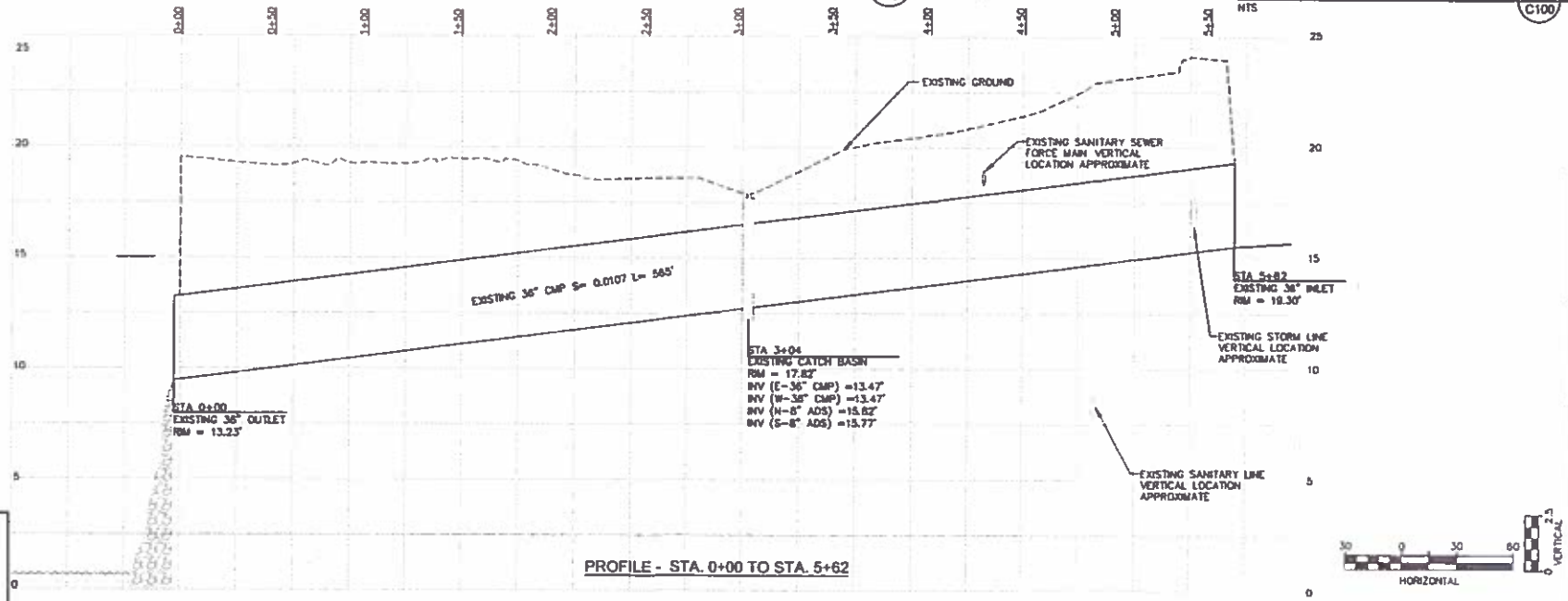
PROJECT NO. 117.08
DRAWING NO. C110
DATE SEPT. 2019
SHEET NO. 1 OF 3



PLAN SCALE

PLAN VIEW - STA. 0+00 TO STA. 5+62 (1 C100)

UPSTREAM PHOTO OF CULVERT (NTS) (1 C100)



PROFILE - STA. 0+00 TO STA. 5+62

REGISTERED PROFESSIONAL ENGINEER
84850PE
OREGON
BRIAN L. ALLEN
EXPIRES 12/31/19

DESIGNED: BLA | DRAWN: BCH | APPROVED BY: _____ DATE: _____

REVISIONS

NO.	DESCRIPTION	BY	APPROVED	DATE

THE DYER PARTNERSHIP
ENGINEERS & PLANNERS, INC.
1330 TEAKWOOD AVENUE
COOS BAY, OREGON 97420
TELEPHONE: (541) 269-0732
www.dyerpart.com

LINE IS 1 INCH AT FULL SCALE
IF NOT 1 INCH - SCALE ACCORDINGLY

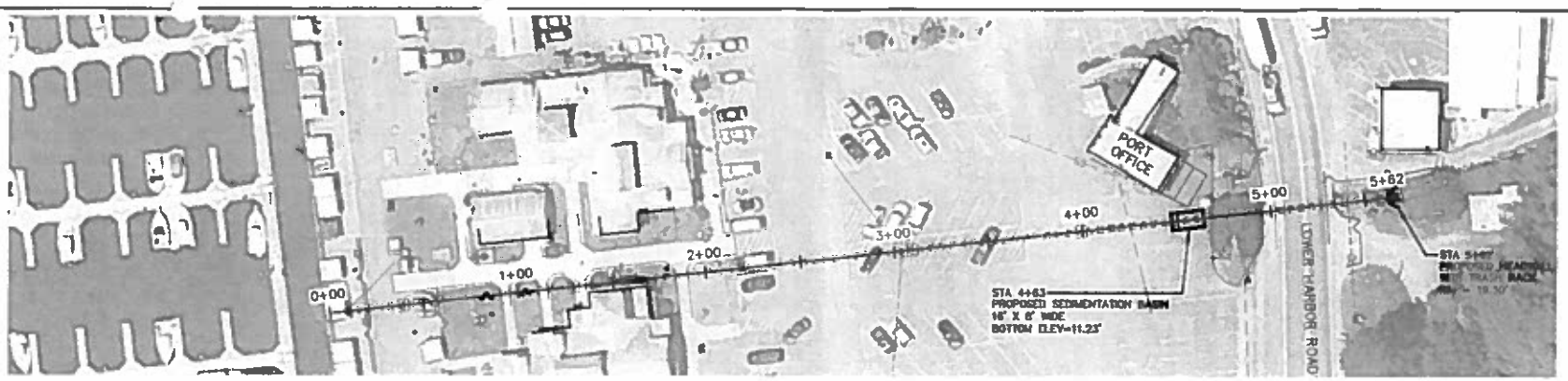
LOWER HARBOR ROAD DRAINAGE

CIVIL
EXISTING PLAN & PROFILE

PROJECT NO.	DRAWING NO.
117.08	C100
DATE	SHEET NO.
SEPT. 2019	2 OF 3

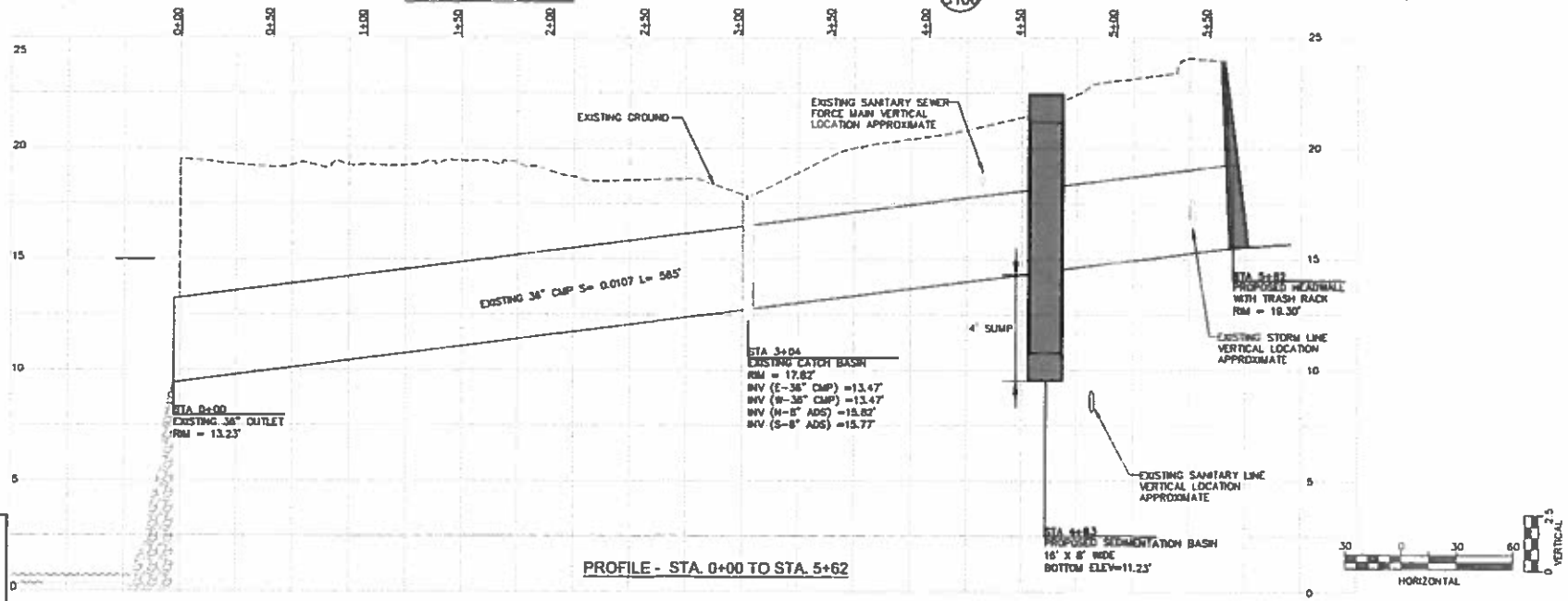
\\dyer2\VA\projects\AAprojects\117 Curry Co\117.08 Lower Harbor Rd Storm Drainage Eval\Survey\DWG\117.00 - LOWER HARBOR RD-m.dwg, 9/6/2019 11:42:48 AM PLOT DATE September 9, 2019

17



PLAN SCALE

PLAN VIEW - STA. 0+00 TO STA. 5+62 (1 / C100)



PROFILE - STA. 0+00 TO STA. 5+62

REGISTERED PROFESSIONAL ENGINEER
84850PE
OREGON
SEPT. 13, 2016
BRIAN L. ALLEN
EXPIRES 12/31/19

DESIGNED:	DRAWN:
BLA	BCH

APPROVED BY: _____ DATE: _____

REVISIONS				
NO.	DESCRIPTION	SUBMIT	APP'D	DATE

THE DYER PARTNERSHIP
ENGINEERS & PLANNERS, INC.
1330 TEAKWOOD AVENUE
COOS BAY, OREGON 97420
TELEPHONE: (541) 269-0732
www.dyerpart.com

LINE IS 1 INCH AT FULL SCALE

LOWER HARBOR ROAD DRAINAGE

CIVIL
PROPOSED PLAN & PROFILE

PROJECT NO.	DRAWING NO.
117.08	C100
DATE	SHEET NO.
SEPT. 2019	3 OF 3

ACTION ITEM – B

DATE:	June 11, 2020
RE:	Curry County Storm Drain Master Plan
TO:	Honorable Board President and Harbor District Board Members
ISSUED BY:	Gary Dehlinger, Port Manager

OVERVIEW

- County Roadmaster, Richard Christensen will be present to review the County Storm Drain Master Plan.

DOCUMENTS

- 2007 Storm and Surface Water Facilities Plan, 5 pages
- Task Order 15 Harbor Hills Storm Drain Master Plan Update, 9 pages
- Drawing 816 Lower Harbor Road (Boat Yard), 1 page
- Drawing 816 Lower Harbor Road (Gear Storage), 1 Page
- Drawing 816 Lower Harbor Road (Retail), 1 page

COMMISSIONERS ACTION

- Discussion of item.

HGE INC

ARCHITECTS
ENGINEERS
SURVEYORS
PLANNERS

Offices:
19 NW 5th AVE.
PORTLAND,
OREGON
97209

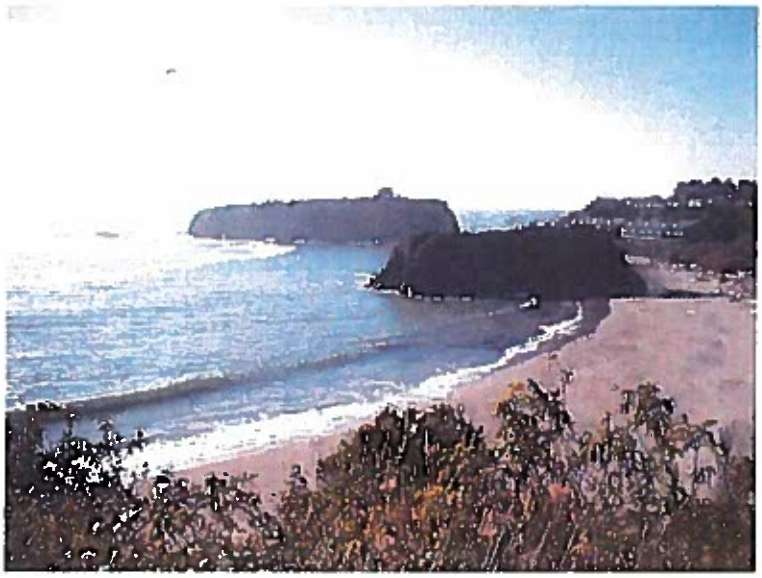
503.222.1687
FAX 503.222.2754
general@hgepdx.com

375 PARK AVE.
COOS BAY,
OREGON
97420

541.269.1166
FAX 541.269.1833
general@hge1.com

Project #:06.16

STORM AND SURFACE WATER FACILITIES PLAN for BROOKINGS-HARBOR AREA



for:

City of Brookings, Oregon

and

Curry County, Oregon

Final (Brookings) - October 2007
Draft - December 2006

This project has been funded in part with financial assistance provided by The Coastal Zone Management Act of 1972, as administered by The Ocean and Coastal Management Program, Department of Land Conservation and Development.

capacity may be adequate. No problems are noted for this subbasin.

In Subbasin 49.1, the 48" crossings of Highway 101, carrying Delavan Creek and discharging to Subbasin 48, extends east under the mall buildings where it branches to a 36" and 42" line and inlet on two branches of Delavan Creek. A velocity of 7.2 fps at the crossing is necessary to accommodate the 91 cfs (25-year, 24-hour) peak flow. This is probably achievable. There are no problems or capacity issues noted.

Subbasin 52.1 drains Tuttle Creek, via a 48" crossing of Highway 101, to Subbasin 52. A velocity of 13 fps is necessary to accommodate the 25-year, 24-hour peak flow of 163 cfs. Mapping suggests surcharge potential, therefore capacity may be adequate. There are no noted problems.

There are no problems or capacity issues noted for Subbasins 48.1 and 50.1

6.5.14 Harbor West

This subsection includes subbasins numbered 47, 48, 49, 50, and 52.

These subbasins define most of Harbor's core area and are continuations of subbasins and drainages discussed in Subsection 6.5.13. In general, tree cover is largely limited to riparian areas and hillsides. Residential development is extensive in both urban and suburban densities. Commercial development is also extensive along Highway 101; Shopping Center Avenue, along Benham Lane, and, to a lesser extent, along Lower Harbor Road. There are three undeveloped "field" areas of approximately three acres each zoned commercial in subbasins 4.7, 49, and 50. All streams and drainages, except Fish House Creek, which drains to the Chetco River, drain to the Harbor boat basins. The lower stretches of the drainages have been piped to facilitate development. Future growth is largely limited to development of the identified undeveloped commercial properties and redevelopment of existing properties.

In Subbasin 47, Fish House Creek drains via 36" and 42" lines across Subbasin 46 to bank discharges on the Chetco River. There is also an 18" line that drains across to the boat basin (Subbasin 46). No problems are noted, but capacities may not be adequate for the 25-year, 24-hour peak flow (12.1 fps, 224 cfs).

Infrastructure in Subbasin 48 collects flows along Highway 101 and Shopping Center Avenue. Capacity in the upper subbasin appears adequate. The subbasin drains via a 36" culvert across Subbasin 46 to the boat basin. A velocity of 10.7 fps is necessary to accommodate the 25-year, 24-hour peak flow of 76 cfs. Given the lack

of surcharge potential, this may not be achievable. There are no problems noted for this subbasin.

In Subbasin 49, developed infrastructure is largely concentrated in the eastern (uphill) part of the subbasin that drains to Delavan Creek. Delavan discharges from the subbasin via a 42" crossing of Lower Harbor Road and Subbasin 46 to its outlet in the boat basin. There is also an 18" crossing northwest of the 42" crossing. A velocity of 12.9 fps is necessary to accommodate the 25-year, 24-hour peak flow of 147 cfs. Given the lack of surcharge potential, this may not be achievable. There are no problems noted for this subbasin.

Infrastructure in Subbasin 50 is limited but appears to be adequately sized. The subbasins drains via an open creek to a 48" crossing of Lower Harbor Road. There are no problems or capacity issues noted.

Subbasin 52 includes Tuttle Creek which drains approximately one-half of the subbasin and enters a 54" line prior to crossing Lower Harbor Road. A long, 24" line running along Benham Lane drains the other one-half of the subbasin. The actual size of the crossing of Lower Harbor Road to the sedimentation basin is unclear, but the line from the sedimentation basin that discharges to the boat basin is an 84" line. Based on probable capacity the 84" line, which is of recent construction, capacities are adequate for the 25-year, 24-hour peak flow. There are no problems noted for this subbasin.

6.5.15 Boat Basin

This subsection includes subbasin 46.

Subbasin 46 is the area west of Lower Harbor Road and consists of fill, pavement, boat basins and associated commercial development. There are no vegetated areas of note other than some grass and/or weed covered areas. All drainages have been piped and discharge to the boat basins, except Fish House Creek which discharges directly to the Chetco, and part of the southwest area that drains toward the Pacific Ocean.

Infrastructure in the boat in discussed in Subbasin 6.5.14. There are no hydraulic problems of note associated with the pipeline crossings of the subbasin. Water quality and hydraulic problems associated with boat basins and river are discussed in Section 5.5.1.

administration of the U.S. Department of Agriculture, Rural Development (RD), under the old guidelines of Farmers Home Administration (FmHA). The program is limited to rural communities which have a population of less than 10,000 people; community population must not be likely to decline in the foreseeable future. The City meets this criteria.

RD loans currently have a 4.5 % interest rate: The maximum term for all loans to cities is 40 years. However, no repayment period can exceed any local statutory limitation on obligations.

Funding for storm water improvements that only address hydraulic issues are likely to have a very low priority status with RD. Funding, if available, would likely be loan only. Projects related to municipal water or wastewater utilities, or projects that address water quality issues, could qualify for both grant and low interest loan funding. Actual grant percentage will be determined by the agency.

DEQ Clean Water State Revolving Fund

The State Revolving Fund (SRF) loan program provides low-interest rate loans to public agencies for the planning, design and construction of water pollution control facilities, as well as for some publicly-owned estuary management and non-point source control projects. This funding program is administered by DEQ. Recent interest rates for 20 year loans are approximately 2.92 % plus an annual fee of 0.5 % of the unpaid balance. These interest rates are subject to change, but will remain below market rates. Priority is given to projects addressing documented water-quality problems and health hazards. SRF funds can also be used for interim financing. Interim financing loans are paid when long-term financing is completed. The interest rate is 1.12 % for interim financing.

To be eligible, a stormwater project would need to either reduce inflow/infiltration to a sanitary sewer system or address issues directly related to water quality.

There were no projects identified for Brookings UGB that appear to meet the criteria.

Oregon Department of Transportation, Transportation Enhancement Program

The Oregon Department of Transportation (ODOT) through the Transportation Enhancement Program provides funds for twelve "transportation enhancement activities" that were identified in the Transportation Equity Act for the 21st Century

TASK ORDER 15
Curry County Road Department
Harbor Hills Storm Drain Master Plan Update

Services for this Task Order will be performed and billed on a time and materials basis, in accordance with the conditions of the Professional Services Contract between Curry County and The Dyer Partnership, Engineers and Planners Inc. dated June 27, 2019.

SCOPE OF WORK: Provide a Storm Drain Master Plan Update to the Harbor Hills Storm Drain System.

FOUNDATION: The County has experienced ongoing issues with the existing storm drain systems that serve the Harbor Hills including storm drain overflows in undersized storm drain pipes or pipes with significant sediment build-up as well as failure of CMP pipes due to corrosion. To be able to address removal of the sediment buildup in the existing pipes, the County will need to secure permits from affected agencies. The resultant overland flooding has caused significant damage to both public and personal properties throughout the County. To help the County outline a proactive solution to the address the aging and deficient storm drain system, the County is developing an overall GIS data base of the existing storm drain of the Harbor Hills area. In addition, the County is having several key storm drain systems televised and inspected. The storm drain master plan will utilize the results of the television inspection to outline needed improvements to the core system as well as outlining needed improvements for the County's overall storm drain system. The master plan update will also provide a basis for future development areas within the County in the Harbor Hills area.

SCOPE OF ENGINEERING SERVICES

The County needs engineering services for developing the storm drain master plan. Engineering services include:

Coordination

- Coordinate with County staff, Port of Brookings-Harbor and affected agencies.
- Conduct onsite review meeting with County staff and council. Arrive at concurrence on such things as priority areas, possible re-direction of storm water flows to other basins to alleviate deficient downstream components.

Overall Study Parameters

- Chapter 1 – Introduction: provide background and need.
- Chapter 2 - Study area: includes climate, drainage courses, topography and soils and flooding hazards.
- Chapter 3 - Existing system: describe overall system including utilizing the County's GIS database.

- Subtask for Chapter 3: Assist County in obtaining data on overall existing system. Provide up to 50 hours of survey crew time to obtain pipe slopes on the key lower pipe segments in the Harbor area.

- Chapter 4 – Planning Criteria: include federal and state regulations that pertain to storm water systems, local ordinances, storm drain ordinances for development. Review pretreatment needs for implementation.

- Chapter 5 – Hydrological Analysis: provide storm frequency, channelization, analysis method, runoff coefficients, rainfall intensity, time to concentration / peak, unit hydrograph and runoff generation reports, hydrograph routing and computer modeling for a 25-year storm event.

- Chapter 6 – Storm Drain Model: Evaluate storm drain system for present and built-out conditions. Develop storm drain matrix that identifies deficient pipes and structures based on the County's existing GIS database of the existing culverts. Provide discharge estimates and review possible re-direction of storm water flows away from deficient areas. Provide storm drain alternatives.

- Chapter 7 – Recommended Plan:

  - Outline storm drain improvements.
  - Provide basis for cost estimates including construction-engineering-permitting-legal / administrative.
  - Prioritize improvements and provide cost estimates. Provide possible pre-treatment areas and methods that can be incorporated into the improvements.
  - Identify projects that are likely to require Oregon Division of State Lands or Army Corps of Engineers permits for construction.
  - Identify new and upcoming storm water regulations, permits and funding requirements pertaining to projects that may be constructed by the County.
  - Provide recommendations for the County to update and develop a Storm Water Management Plan to address the Oregon DEQ requirements for Storm Water Management Strategies.
  - Provide stormwater maintenance plan for County's forces to maintain overall sytem.
  - Attend meeting with County Staff to go over the contents and recommendations made in the Storm Water Master Plan.

Schedule (anticipated)

- Authorized to begin task order –End of November 2019

- Complete draft report – 4 months (End of March 2020).

- Review period by County – 1 month (Comments by end of April 2020).

- Complete final report – 1 month (End of May 2020).

Proposed Fee

Services will be performed and billed on a time and materials basis, in accordance with the conditions of the Professional Services Agreement and fee listed herein and Attachment A. The fee for these services is not to exceed a maximum $82,300 including all professional services and reimbursable expenses. If the County elects to include Subtask – Data Acquisition, then the fee for these services will be increased by $11,500 for a not to exceed maximum of $93,800 including all professional services and reimbursable expenses.

PAYMENT METHOD: Monthly Billing

Curry County Commissioners

_____
Mr. Chris Paasch
Date:_____

_____
Mr. Court Boice
Date:_____

_____
Ms. Sue Gold
Date:_____

_____
John Huttl, Curry County Counsel
Date:_____

The Dyer Partnership
Engineers & Planners, Inc.

_____
Michael Erickson, Sr. V.P.
Date:_____

ESTIMATE OF MAN HOURS AND COSTS

DATE: 10-31-19 *PROJECT:* **Harbor Hills Storm Drain Master Plan** *Part I* Data Acquisition / Calculations

		MAN HOURS							
	TASK	PRIN MGR	PROJ MGR	PROJ ENGR 1	ENGR TECH 2	ENGR TECH 1	DRAFT CAD	SUR CREW	CLER 2
	Coordination and Meetings								
1:	Coordination		12						
2:	Kickoff Meeting/Site Visit	8	8						
3:	Draft report review with County	2	8			2			4
4:	Final report presentation	6	8			2			4
	Study area parameters								
5:	Study area		8	8					
6:	Existing system and base map	4	2	16			12		
7:	Planning criteria		4			2			
8:	Review television inspection tapes	2	4		16				
	Hydrological and Modeling								
9:	Field Survey-limited to Critical Areas						8		
10:	Collect Model Storm Inputs/Data		40		8				
11:	Storm Modeling	2	40		8		4		
12:	Evaluating Future Buildout	2	8	8					
	TOTAL ESTIMATED HOURS	26	142	32	32	6	24	0	8

MATERIAL COSTS	DESCRIPTION OR UNIT	QUANTITY	UNIT COST	TOTAL COST
REPORT				0.00
PHOTOGRAPHS				0.00
COST ESTIMATE				0.00
PLANS AND PRINTS				0.00
SPECIFICATIONS				0.00
OTHER				0.00
				0.00
				0.00
TOTAL MATERIAL COSTS				$0.00

TRAVEL AND PER DIEM	DETAIL		TOTAL COST
MILEAGE	0	$0.55	0.00
COMMERCIAL PER DIEM	0	$35	0.00
LOCAL TRANSPORTATION LODGING	0	$90	0.00
TOTAL TRAVEL AND PER DIEM			$0

OTHER SIGNIFICANT COSTS	DETAIL	TOTAL COST
1ST CONTACT TELEPHONE		
SHIPPING		
REPRODUCTION		
OTHER		
TOTAL OTHER SIGNIFICANT COSTS		$0

PREPARED BY: MWE

ESTIMATE OF MAN HOURS AND COSTS

DATE: 10-31-19 *PROJECT:* **Harbor Hills Storm Drain Master Plan** *Part 2* Recommended Plan / Report

		MAN HOURS							
	TASK	PRIN MGR	PROJ MGR	PROJ ENGR 1	ENGR TECH 2	DESN	DRAFT CAD	SURVEY CREW	CLER 2
	Develop Recommended Plan								
1:	Develop alternatives with County	8	24	16			12		4
2:	Prepare recommended plan	4	16	8	16		8		
3:	Prioritize projects	4	8	4					8
4:	Identify DSL/Corp Waterways	2	12		8		8		
5:	Identify New Storm Water Reg's	2	24	8					
6:	Stormwater Mgmt. Plan per DEQ	6	20		10				
7:	Stormwater Maintenance Plan	6	14		8				
8:	Prepare cost estimates	8	32		16				
	Prepare Report								
8:	Chapters 1 thru 3	2	8	24			2		8
9:	Chapters 5 thru 6	2	8	16	6		2		8
10:	Chapter 7	1	6	8					2
11:	Report Figures		4	2			12		4
	TOTAL ESTIMATED HOURS	45	176	86	64	0	44	0	34

MATERIAL COSTS	DESCRIPTION OR UNIT	QUANTITY	UNIT COST	TOTAL COST
REPORT				0.00
PHOTOGRAPHS				0.00
COST ESTIMATE				0.00
PLANS AND PRINTS				0.00
SPECIFICATIONS				0.00
OTHER				0.00
				0.00
				0.00
TOTAL MATERIAL COSTS				$0.00

TRAVEL AND PER DIEM	DETAIL		TOTAL COST
MILEAGE	0	$0.56	0.00
COMMERCIAL PER DIEM	0	$51	0.00
LOCAL TRANSPORTATION LODGING	0	$100	0.00
TOTAL TRAVEL AND PER DIEM			$0

OTHER SIGNIFICANT COSTS	DETAIL	TOTAL COST
SHIPPING		
REPRODUCTION		
OTHER		
TOTAL OTHER SIGNIFICANT COSTS		$0

PREPARED BY: MWE

ESTIMATE OF MAN HOURS AND COSTS

DATE: 10-31-19 *PROJECT:* **Harbor Hills Storm Drain Master Plan** *PART 3:* Field Data Acquisition

	TASK	MAN HOURS PRIN MGR	PROJ MGR	PROJ ENGR 1	ENGR TECH 2	ENGR TECH 1	DRAFT CAD	SURVEY CREW	CLER 2
1:	Data gathering on existing system	4	8		6			50	
	TOTAL ESTIMATED HOURS	4	8	0	6	0	0	50	0

MATERIAL COSTS	DESCRIPTION OR UNIT	QUANTITY	UNIT COST	TOTAL COST
REPORT				0.00
PHOTOGRAPHS				0.00
COST ESTIMATE				0.00
PLANS AND PRINTS				0.00
SPECIFICATIONS				0.00
OTHER				0.00
				0.00
				0.00
TOTAL MATERIAL COSTS				$0.00

TRAVEL AND PER DIEM	DETAIL			TOTAL COST
MILEAGE	400 miles		$0.56	224.00
COMMERCIAL PER DIEM	10 days		$51	510.00
LOCAL TRANSPORTATION	8 nights		$100	800.00
LODGING				
TOTAL TRAVEL AND PER DIEM				$1,534

OTHER SIGNIFICANT COSTS	DETAIL			TOTAL COST
1ST CONTACT TELEPHONE				
SHIPPING				
REPRODUCTION				
OTHER				
GPS	5 days		$100	500.00
TOTAL OTHER SIGNIFICANT COSTS				$500

PREPARED BY: MWE

SUMMARY

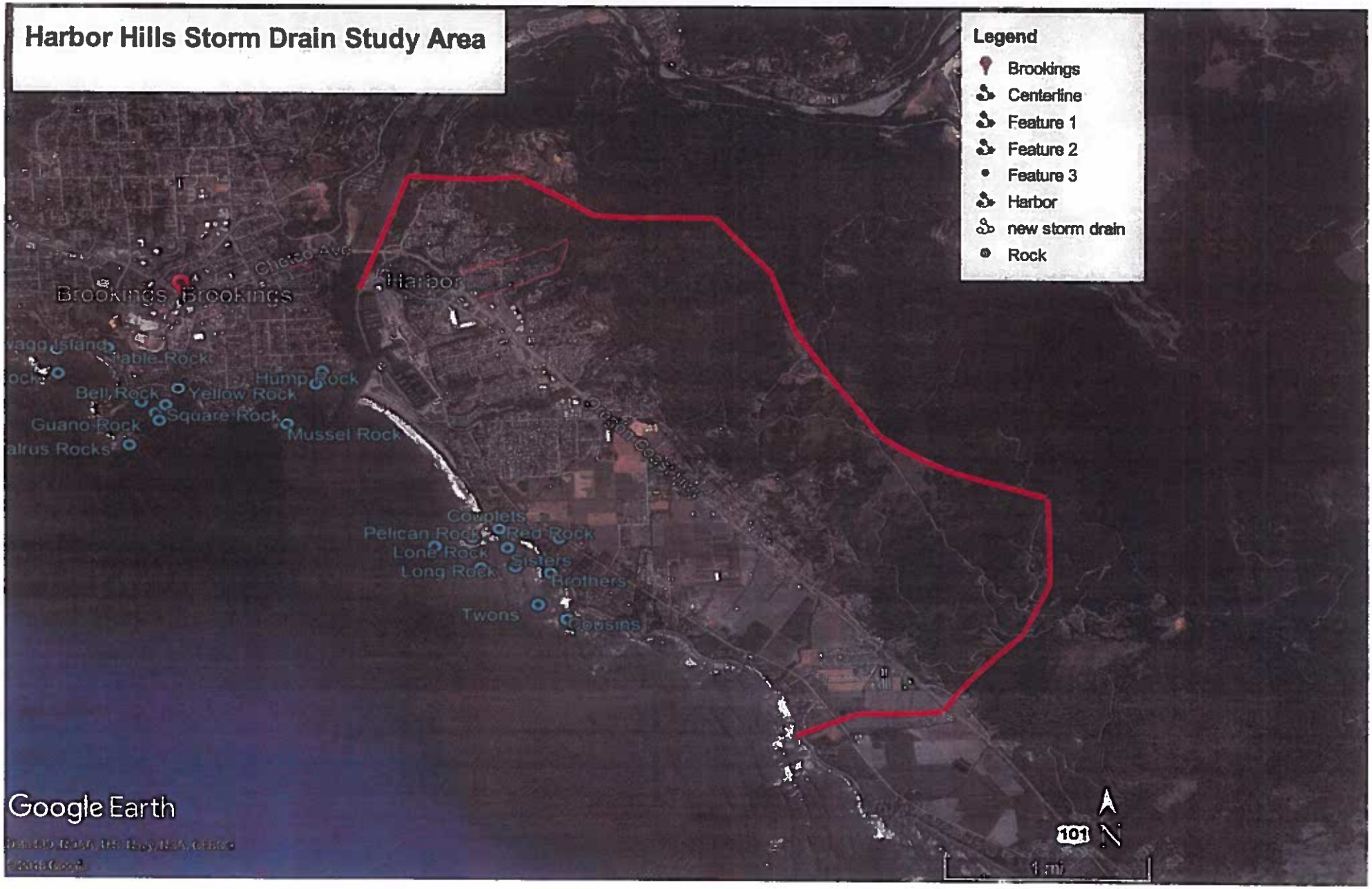
BREAKDOWN OF PROPOSED FEE

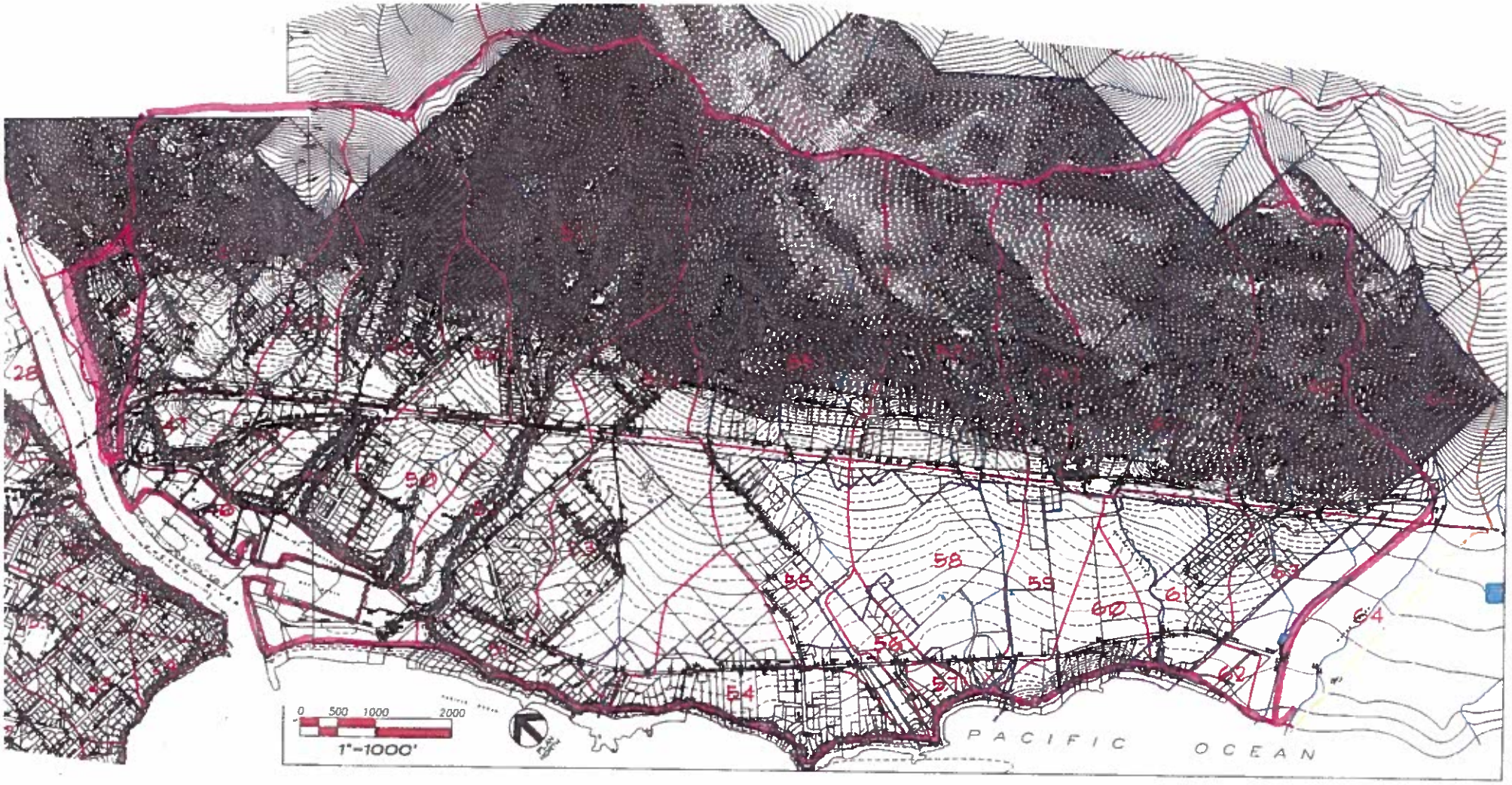
DATE: 10-31-19 *PROJECT:* **Harbor Hills Storm Drain Master Plan**

	LABOR RATE $/HR.	PROJECT ----- -1- ----- HRS.	AMOUNT	----- -2- ----- HRS.	AMOUNT	----- -3- ----- HRS.	AMOUNT
DIRECT LABOR COSTS:							
PRINCIPLE MANAGER----------	140.00	26	3,640.00	45	6,300.00	4	560.00
PROJECT MANAGER----------	130.00	142	18,460.00	176	22,880.00	8	1,040.00
PROJECT ENGINEER 1----------	110.00	32	3,520.00	86	9,460.00	0	0.00
ENGINEER TECH 2 --------	100.00	32	3,200.00	64	6,400.00	6	600.00
ENGINEER TECH 1 -------	90.00	6	540.00	0	0.00	0	0.00
DRAFTER	85.00	24	2,040.00	44	3,740.00	0	0.00
SURVEY CREW	145.00	0	0.00	0	0.00	50	7,250.00
CLERICAL 2----------	52.00	8	416.00	34	1,768.00	0	0.00
TOTAL DIRECT LABOR COSTS:			$31,816		$50,548		$9,450
DIRECT PROJECT EXPENSES							
A. MATERIAL COSTS (BREAKDOWN ATTACHED)			0.00		0.00		0.00
B. TRAVEL & PER DIEM (BREAKDOWN ATTACHED)			0.00		0.00		1,534.00
C. OTHER SIGNIFICANT COSTS (BREAKDN ATTACHED)			0.00		0.00		500.00
D. ADMINISTRATIVE FEE $0 % OF A,B,&C			0.00		0.00		0.00
TOTAL OF: A THROUGH D			$0.00		$0.00		$2,034.00
TOTAL FEE (PER PHASE):			$31,814		$50,524		

Part	1:	Data Acquisition / Calculations	$31,790
Part	2:	Recommended Plan / Report	$50,518
Part	3:	Field Data Acquisition	$11,484
		Total Tasks 1,2 + 3	$93,792

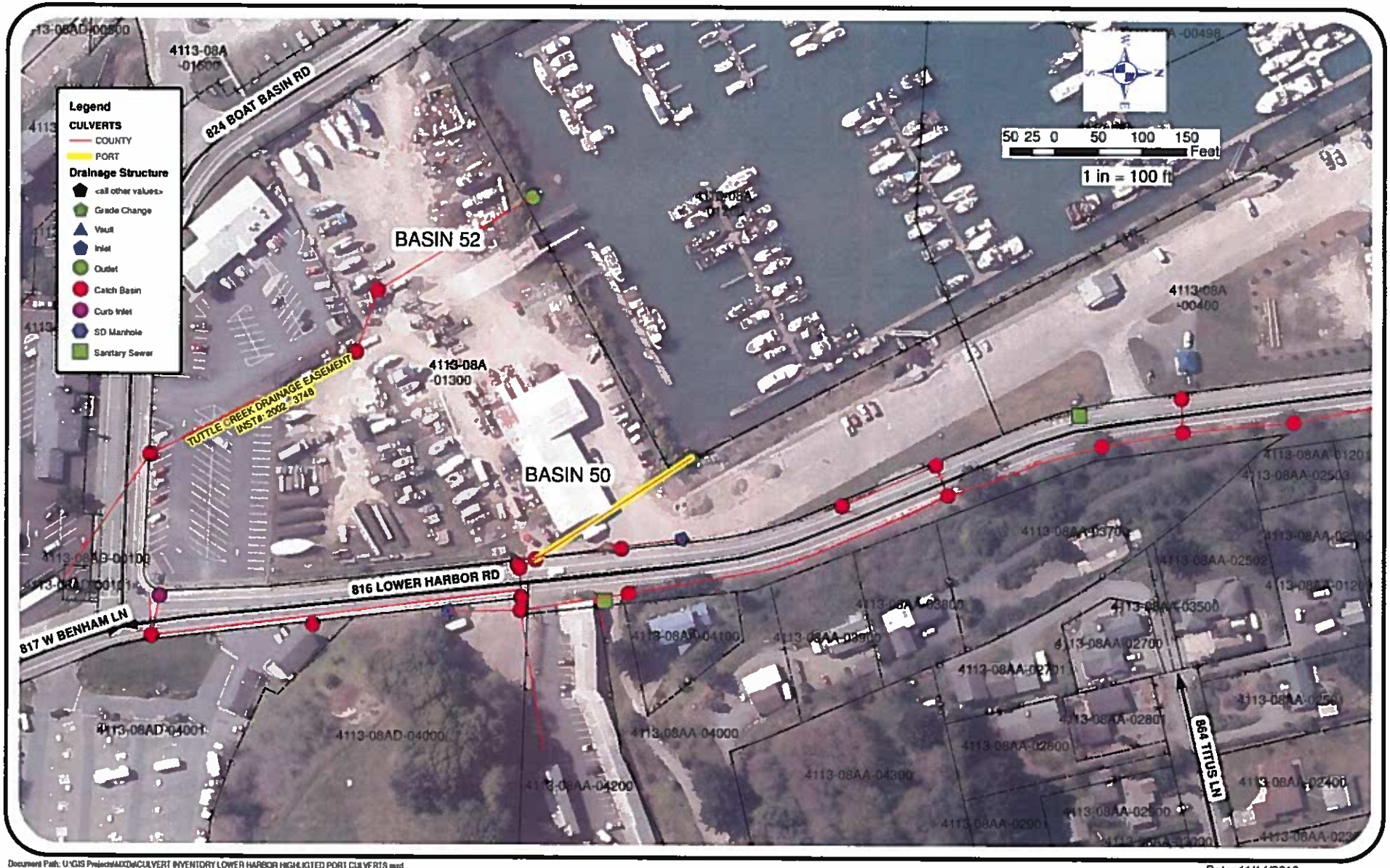
PREPARED BY: MWE


Harbor Hills Storm Drain Study Area
Legend
Brookings
Centerline
Feature 1
Feature 2
Feature 3
Harbor
new storm drain
Rock
Brookings
Brookings
Harbor
Hump Rock
Bell Rock
Yellow Rock
Square Rock
Guano Rock
Mussel Rock
Pelican Rock
Red Rock
Lone Rock
Sisters
Long Rock
Brothers
Twons
Cousins
Google Earth
101
1 mi



HARBOR HILLS – STORM DRAIN MASTER PLAN

OVERALL STUDY AREA



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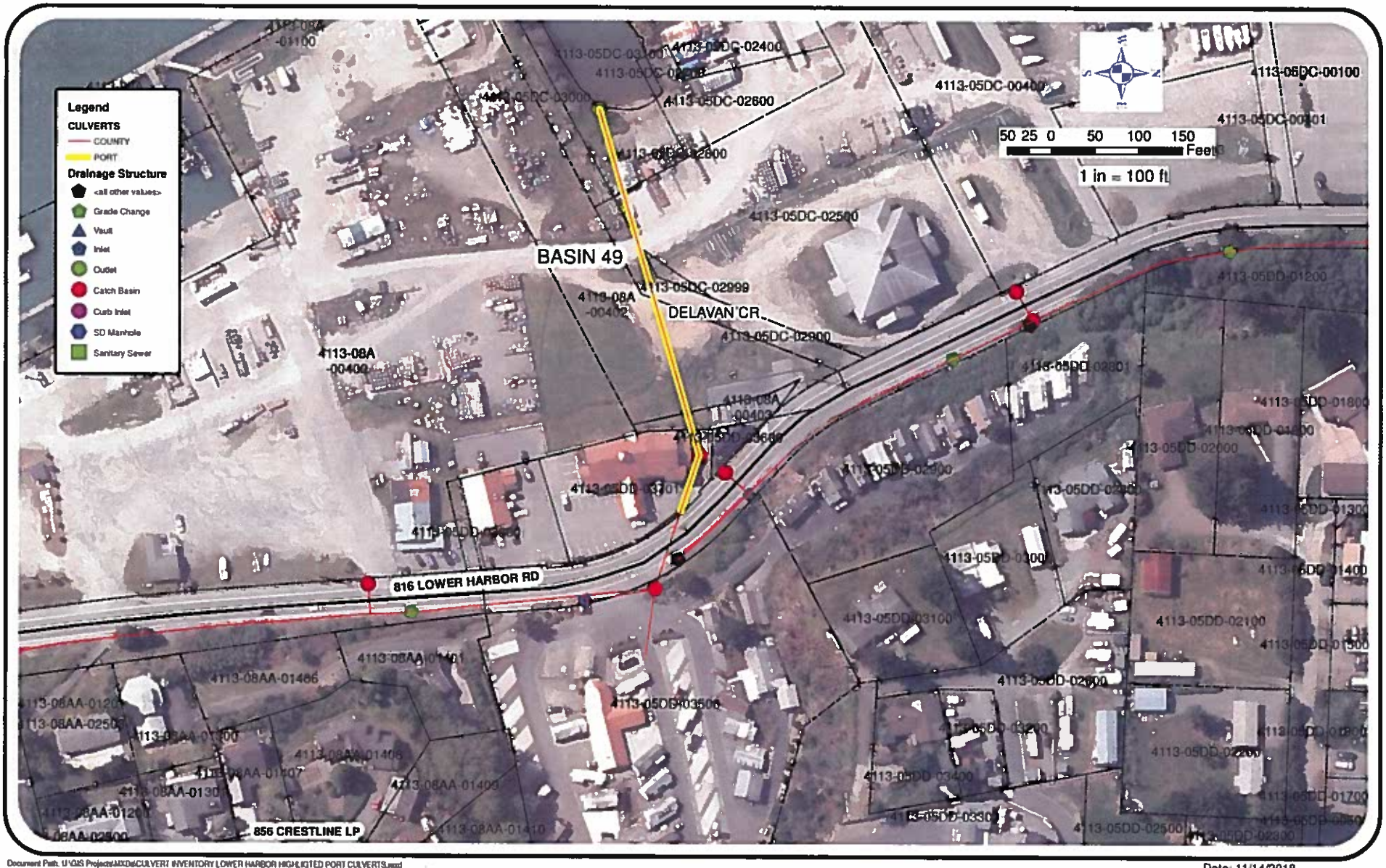
816 - LOWER HARBOR ROAD - DRAINAGE

Date: 11/14/2018

PAGE 1



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Date: 11/14/2018

816 - LOWER HARBOR ROAD - DRAINAGE

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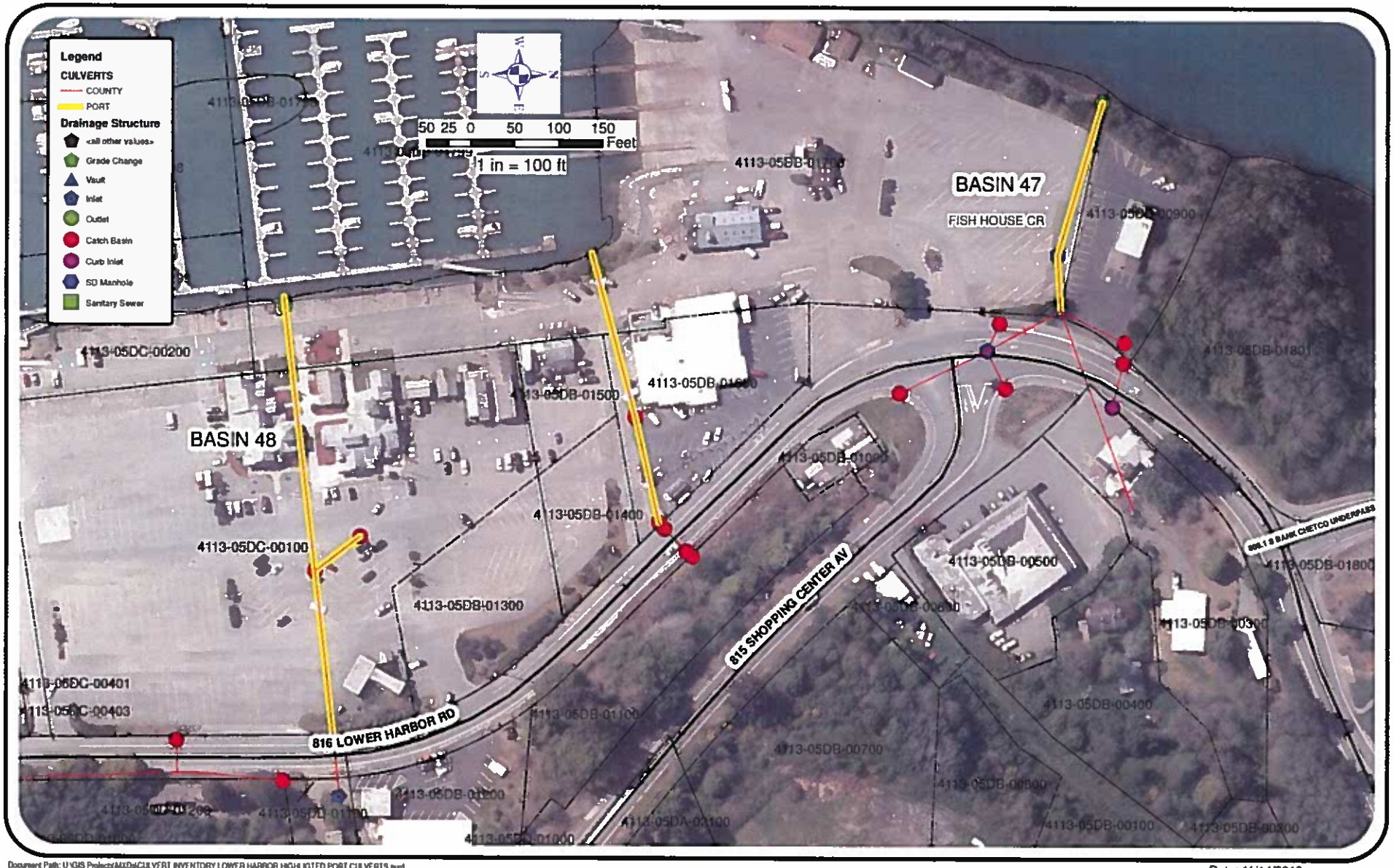

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Date: 11/14/2018

816 - LOWER HARBOR ROAD - DRAINAGE

ACTION ITEM – C

DATE: June 11, 2020

RE: Clark Sunken Boat October 19, 2019

TO: Honorable Board President and Harbor District Board Members

ISSUED BY: Gary Dehlinger, Port Manager

OVERVIEW

- Lynnette Clark 23' boat sank the evening of October 19, 2019. Port staff cleaned up the pollution and removed the boat from the harbor that night.

- Incident report and costs were submitted to Lynnette Clark and her insurance carrier. Clark's insurance would only pay for the pollution costs and not the wreck removal. Her insurance did not cover wreck removal. Clark's insurance paid her $1,541.19. The Port has not received any payment from Clark.

- Port has not been able to contact Lynnette Clark since the removal of her boat from the Boat Yard.

- Port insurance (SDIS) determined that the Limited Marine Salvage Expanse Coverage does not apply to this event. For coverage to apply the Port must get state or federal regulatory authority to incur the removal costs. In addition, written notice to the Trust must occur within 30 days of when the Port became aware of the sunken vessel.

- Lynnette Clark continues to refuse normal mail or certified mail from the Port.

DOCUMENTS

- Port Incident Report, 1 page
- Invoices to Lynnette Clark for the clean up and removal, 5 pages
- Current Statement for Lynnette Clark, 3 pages

COMMISSIONERS ACTION

- **Recommended Motion:**
  Motion to approve removing Clark's balance of $14,958.88 from "Accounts Receivable".

  Second Motion:

- **Option 1, Recommended Motion:**
  Motion to approve using port legal counsel for legal action against Lynnette Clark for cleanup and removal of sunk vessel in the amount of $14,958.88.

- **Option 2, Recommended Motion:**
  Motion to approve to submit Clark's balance amount of $14,958.88 to Port collection agency.

- **Option 3, Recommended Motion:**
  Motion to approve the write-off of Clark's balance amount of $14,958.88 from customers account with the Port.

PORT OF BROOKINGS HARBOR

INCIDENT REPORT

Date: 10/19/19 Day: Saturday Time: 5:30 pm

What Happen: when Marian was leaving @ 5pm a women came to him : stated a boat has sunk in the harbor.

Location: Basin 1 A Dock Slip 5

Who was Involved: OR675AFL

Name: Lynnette Clark

Address: [redacted]

City: Brookings OR 97415

Phone #: [redacted]

Spill report# [redacted]

Insurance Claim # [redacted]

Witness (if any):

Name:

Address:

City:

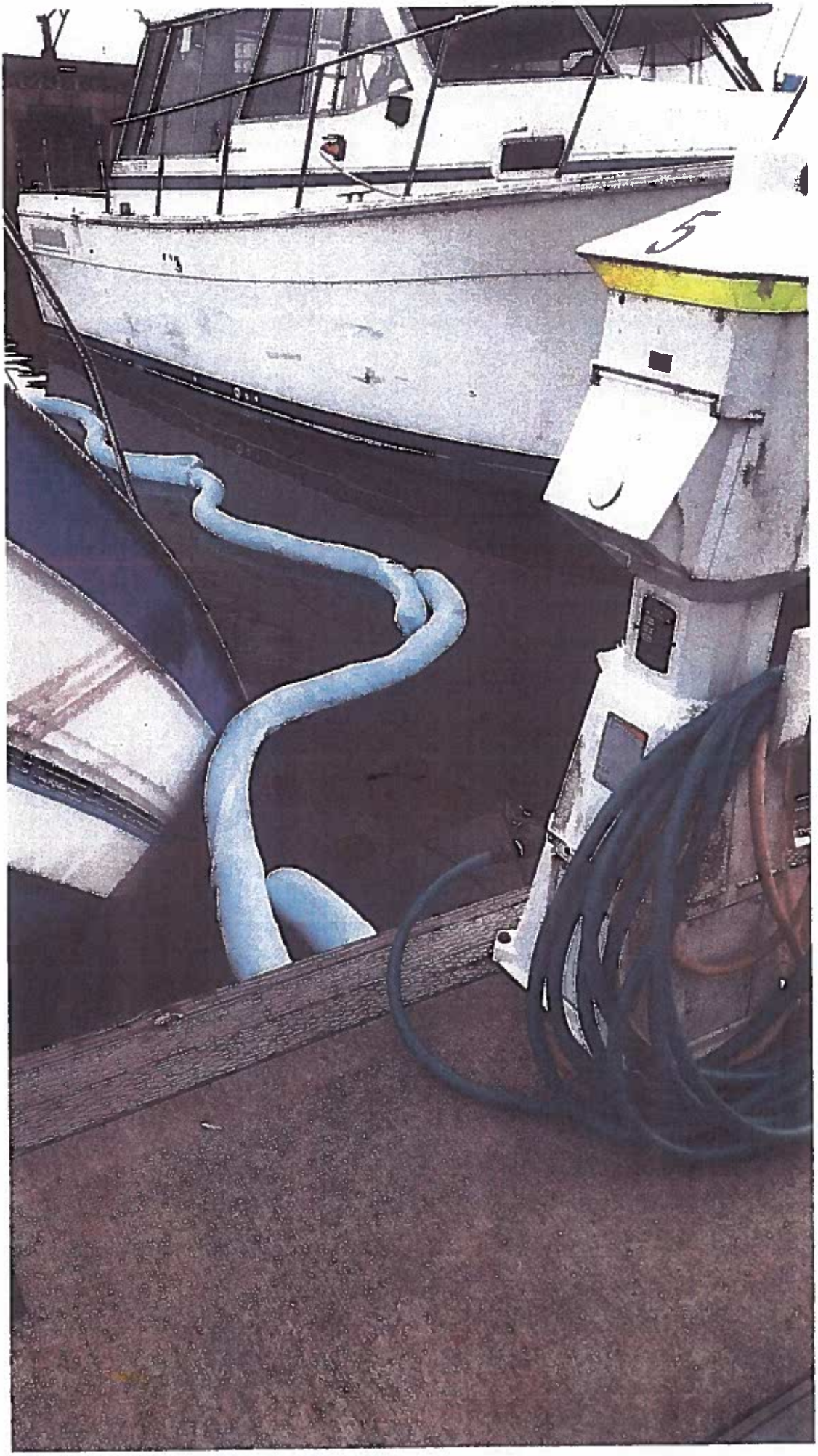
Phone #:

Corrective Action Taken: Harbormaster, Members of staff, ; incident response team were notified. (4) boxes of containment booms were used ; boom absorbents were used. vessel was pumped out ; hauled out. Called 18006457911 ; spoke w/ Jeff report # 2019-27162 ; will notifie all agences. I also called chetco River Coast Guard who came down ; inspected the scene.

Report Written By: Danielle Shepard

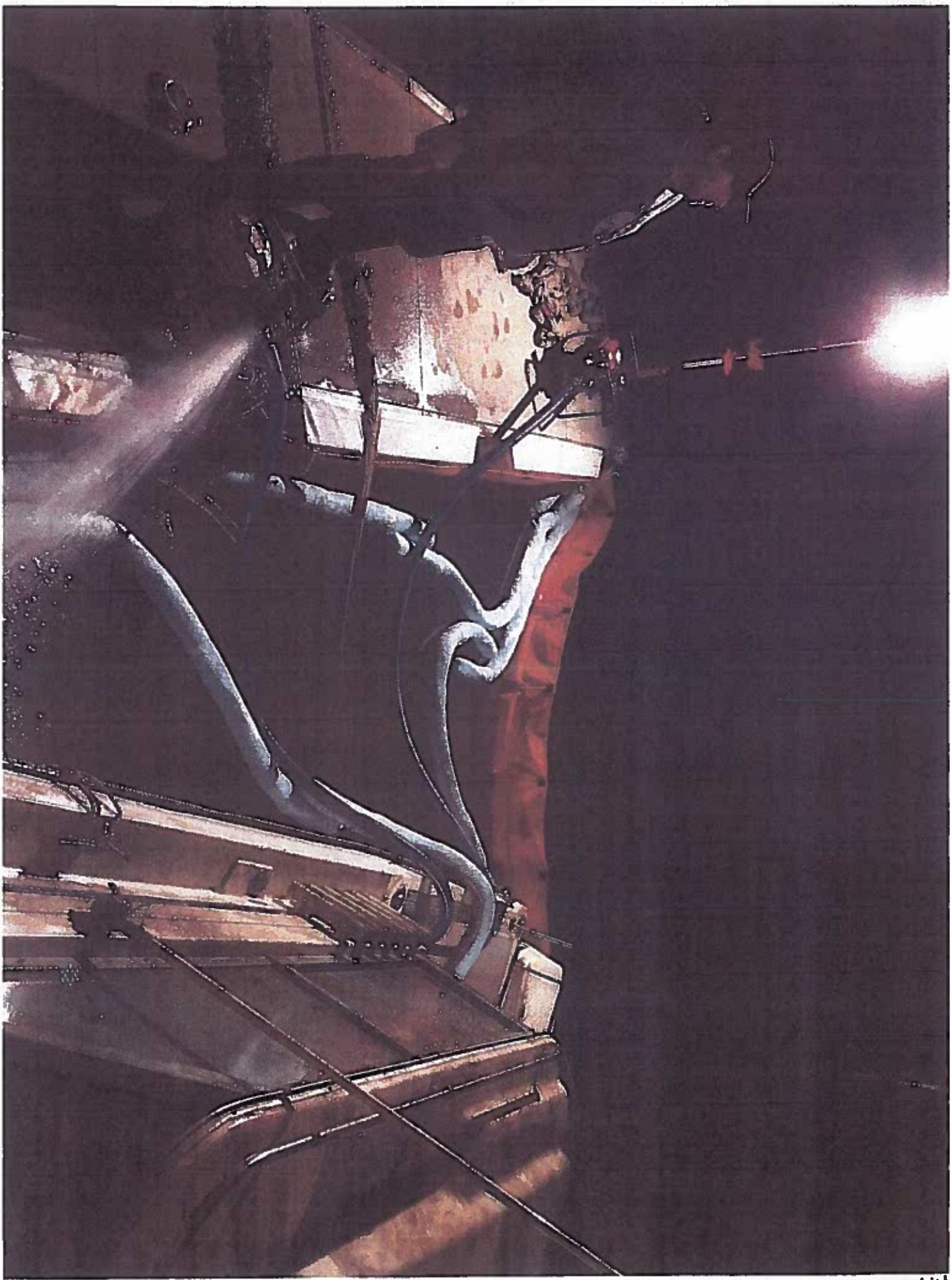
Report Date: 10/19/19

AMERICAN



OR 675AEL

OF PORTAGE HARBOR



Port of Brookings Harbor
PO Box 848
Brookings, OR 97415
(541) 469-2218

Invoice

Date	Invoice #
10/19/2019	20193376

Bill To

Lynnette Clark
[redacted]

Moorage/Storage Information:

F/V: NO NAME
REG:OR675AFL
OAL: 23'
SLIP: B1 A-5

Terms

Description	Quantity	Amount
Emergency Response to Sunk Vessel: OR675AFL, 23ft 1988 Bayliner Date: October 19, 2019 from: 5:00 pm - 11:00 pm Claim #: [redacted]		
Port Labor/Emergency Call Out: Travis Webster Any services requiring a Port employee NOT currently on duty to report to duty after hours will be charged twice the normal rate per hour. $200.00/HR 1 Hour Minimum	6	1,200.00
Port Labor/Emergency Call Out: Gary Dehlinger Any services requiring a Port employee NOT currently on duty to report to duty after hours will be charged twice the normal rate per hour. $200.00/HR 1 Hour Minimum	4.75	950.00
Port Labor/Emergency Call Out: Brent Ferguson Any services requiring a Port employee NOT currently on duty to report to duty after hours will be charged twice the normal rate per hour. $200.00/HR 1 Hour Minimum	5.83	1,166.00

Total	
Payments/Credits	
Balance Due	

TERMS: Due upon receipt. Past due accounts will be assessed a late charge of 1.5% per month (18% per annum) or a $35.00 late fee. In the evenet, suit or action is instituted to collect any amount owed on this account, th customer agrees to pay any reasonable attorney fees, collection agency fees and any other costs associated with such action. A $50.00 fee will be assessed on any Returned Payment.

Visit our website at www.portofbrookingsharbor.com

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Port of Brookings Harbor
PO Box 848
Brookings, OR 97415
(541) 469-2218

Invoice

Date	Invoice #
10/19/2019	20193376

Bill To

Lynnette Clark
[redacted]

Moorage/Storage Information:

F/V: NO NAME
REG:OR675AFL
OAL: 23'
SLIP: B1 A-5

Terms

Description	Quantity	Amount
Port Labor/Emergency Call Out: Shawn Hall Any services requiring a Port employee NOT currently on duty to report to duty after hours will be charged twice the normal rate per hour. $200.00/HR 1 Hour Minimum	5	1,000.00
Port Labor/Emergency Call Out: Marian Sikora Any services requiring a Port employee NOT currently on duty to report to duty after hours will be charged twice the normal rate per hour. $200.00/HR 1 Hour Minimum	5.75	1,150.00
Port Labor/Emergency Call Out: Danielle Shepard Any services requiring a Port employee NOT currently on duty to report to duty after hours will be charged twice the normal rate per hour. $200.00/HR 1 Hour Minimum	4.66	932.00

TERMS: Due upon receipt. Past due accounts will be assessed a late charge of 1.5% per month (18% per annum) or a $35.00 late fee. In the evenet, suit or action is instituted to collect any amount owed on this account, th customer agrees to pay any reasonable attorney fees, collection agency fees and any other costs associated with such action. A $50.00 fee will be assessed on any Returned Payment.

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Total	
Payments/Credits	
Balance Due	

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Port of Brookings Harbor
PO Box 848
Brookings, OR 97415
(541) 469-2218

Invoice

Date	Invoice #
10/19/2019	20193376

Bill To

Lynnette Clark
[redacted]

Moorage/Storage Information:

F/V: NO NAME
REG:OR675AFL
OAL: 23'
SLIP: B1 A-5

Terms

Description	Quantity	Amount
Port Labor/Emergency Call Out: John Kellum Any services requiring a Port employee NOT currently on duty to report to duty after hours will be charged twice the normal rate per hour. $200.00/HR 1 Hour Minimum	5.5	1,100.00
Port Labor/Emergency Call Out: Michael Fitzgerald Any services requiring a Port employee NOT currently on duty to report to duty after hours will be charged twice the normal rate per hour. $200.00/HR 1 Hour Minimum	5.5	1,100.00
Boat Pump Out: 2 inch $105.00/Hour	4	420.00
Boat Pump Out: 3 inch $105.00/Hour	4	420.00
Boom Bags Uline Order #: 30376721		589.53
Oil Spill Kit	1	201.66
Disposal Fees of Booms & Pads		350.00
Port Boat - Eq # 3705 $126.00/HR 1 Hour Minimum	5	630.00

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Total	
Payments/Credits	
Balance Due	

Port of Brookings Harbor
PO Box 848
Brookings, OR 97415
(541) 469-2218

Invoice

Date	Invoice #
10/19/2019	20193376

Bill To

Lynnette Clark
[redacted]

Moorage/Storage Information:

F/V: NO NAME
REG:OR675AFL
OAL: 23'
SLIP: B1 A-5

Terms

Description	Quantity	Amount
Port Truck - Eq # 1109 $63.00/HR 1 Hour Minimum	6	378.00
Port Truck - Eq # 1117 $63.00/HR 1 Hour Minimum	5	315.00
Port Truck - Eq # 1108 $63.00/HR 1 Hour Minimum	5.83	367.29
Port Truck - Eq # 1102 $63.00/HR 1 Hour Minimum	5.75	362.25
Travel Lift Haul Out: 50-Ton Maximum Weight - Eq # 4605 Round Trip $9.50 per foot for less than 40 foot vessel	23	218.50
Yard Days: Oct 20 The First and Last Day No Charge $1.00 per foot per day	1	23.00
Lighthouse Resin hose and cable bracket	1	11.20
Gowman Electric to replace bracket	1	85.00

Total	**$12,969.43**
Payments/Credits	**$0.00**
Balance Due	**$12,969.43**

TERMS: Due upon receipt. Past due accounts will be assessed a late charge of 1.5% per month (18% per annum) or a $35.00 late fee. In the evenet, suit or action is instituted to collect any amount owed on this account, th customer agrees to pay any reasonable attorney fees, collection agency fees and any other costs associated with such action. A $50.00 fee will be assessed on any Returned Payment.

Visit our website at www.portofbrookingsharbor.com

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Port of Brookings Harbor
PO Box 848
Brookings, OR 97415
(541) 469-2218

Invoice

Date	Invoice #
10/21/2019	20193375

Bill To

Lynnette Clark
[redacted]

Moorage/Storage Information:

F/V: NO NAME
REG:OR675AFL
OAL: 23'
SLIP: B1 A-5

Terms

Description	Quantity	Amount
Clean up of Emergency Response to sunk vessel: OR675AFL, 23 ft 1988 Bayliner Claim #: 3788429L7 Port Boat $126.00/HR 1 Hour Minimum	2	252.00
Port Labor: Cameron King Includes administration staff $100.00/HR 1 Hour Minimum	1	100.00
Port Labor: Sean Armstrong Includes administration staff $100.00/HR 1 Hour Minimum	1	100.00
Port Labor: Danielle Shepard Includes administration staff $100.00/HR	1	100.00
Port Labor: Travis Webster Includes administration staff $100.00/HR	1	100.00
Port Labor: Brent Ferguson Includes administration staff $100.00/HR	2	200.00

TERMS: Due upon receipt. Past due accounts will be assessed a late charge of 1.5% per month (18% per annum) or a $35.00 late fee. In the evenet, suit or action is instituted to collect any amount owed on this account, th customer agrees to pay any reasonable attorney fees, collection agency fees and any other costs associated with such action. A $50.00 fee will be assessed on any Returned Payment.

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Total	**$852.00**
Payments/Credits	**$0.00**
Balance Due	**$852.00**

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Port of Brookings Harbor
PO Box 848
Brookings, OR 97415

Statement

Date

6/8/2020

To:

Lynnette Clark
[redacted]

Amount Due	Amount Enc.
$14,958.88	

Date	Transaction	Amount	Balance
10/19/2019	INV #20193376. Due 10/19/2019. Orig. Amount $12,969.43. Emergency Response to Sunk Vessel --- Emergency Response to Sunk Vessel: OR675AFL, 23ft 1988 Bayliner Date: October 19, 2019 from: 5:00 pm - 11:00 pm Claim #: [redacted] --- Labor-Emergency Call Out, 6 @ $200.00 = 1,200.00 --- Labor-Emergency Call Out, 4.75 @ $200.00 = 950.00 --- Labor-Emergency Call Out, 5.83 @ $200.00 = 1,166.00 --- Labor-Emergency Call Out, 5 @ $200.00 = 1,000.00 --- Labor-Emergency Call Out, 5.75 @ $200.00 = 1,150.00 --- Labor-Emergency Call Out, 4.66 @ $200.00 = 932.00 --- Labor-Emergency Call Out, 5.5 @ $200.00 = 1,100.00 --- Labor-Emergency Call Out, 5.5 @ $200.00 = 1,100.00 --- Boat Pump Out, 4 @ $105.00 = 420.00 --- Boat Pump Out, 4 @ $105.00 = 420.00 --- Boatyard Supplies and Services $589.53 --- Boatyard Supplies and Services, 1 @ $201.66 = 201.66 --- Boatyard Supplies and Services $0.00 --- Boatyard Supplies and Services $0.00 --- Waste Oil-Water Mix $350.00 --- Port Boat, 5 @ $126.00 = 630.00 --- Port Truck, 6 @ $63.00 = 378.00 --- Port Truck, 5 @ $63.00 = 315.00 --- Port Truck, 5.83 @ $63.00 = 367.29 --- Port Truck, 5.75 @ $63.00 = 362.25 --- Travel Lift Haul Out <40ft, 23 @ $9.50 = 218.50 --- Yard Days, 1 @ $23.00 = 23.00 --- Boatyard Supplies and Services, 1 @ $11.20 = 11.20	12,969.43	12,969.43

CURRENT	1-30 DAYS	31-60 DAYS	61-90 DAYS	OVER 90 DAYS	Amount Due
0.00	0.00	0.00	224.93	14,733.95	$14,958.88

Port of Brookings Harbor
PO Box 848
Brookings, OR 97415

Statement

Date

6/8/2020

To:

Lynnette Clark

[redacted]

Amount Due	Amount Enc.
$14,958.88	

Date	Transaction	Amount	Balance
	--- Boatyard Supplies and Services, 1 @ $85.00 = 85.00 --- Tax: Lodging Tax @ = 0.00		
10/21/2019	INV #20193375. Due 10/21/2019. Orig. Amount $852.00. Clean up of Emergency Response to sunk vessel --- Clean up of Emergency Response to sunk vessel: OR675AFL, 23 ft 1988 Bayliner Claim #: 37B8429L7 --- Port Boat, 2 @ $126.00 = 252.00 --- Labor, 1 @ $100.00 = 100.00 --- Labor, 1 @ $100.00 = 100.00 --- Labor, 1 @ $100.00 = 100.00 --- Labor, 1 @ $100.00 = 100.00 --- Labor, 2 @ $100.00 = 200.00 --- Tax: Lodging Tax @ = 0.00	852.00	13,821.43
11/27/2019	INV #FC 305. Due 11/27/2019. Orig. Amount $264.99. Finance Charge --- Fin Chg $264.99 --- Invoice #20193376 for 12,969.43 on 10/19/2019 --- Invoice #20193375 for 852.00 on 10/21/2019	264.99	14,086.42
12/31/2019	INV #FC 368. Due 12/31/2019. Orig. Amount $231.75. Finance Charge --- Fin Chg $231.75 --- Invoice #20193376 for 12,969.43 on 10/19/2019 --- Invoice #20193375 for 852.00 on 10/21/2019	231.75	14,318.17
01/31/2020	INV #FC 478. Due 02/03/2020. Orig. Amount $231.75. Finance Charge --- Fin Chg $231.75 --- Invoice #20193376 for 12,969.43 on 10/19/2019 --- Invoice #20193375 for 852.00 on 10/21/2019	231.75	14,549.92

CURRENT	1-30 DAYS	31-60 DAYS	61-90 DAYS	OVER 90 DAYS	Amount Due
0.00	0.00	0.00	224.93	14,733.95	$14,958.88

Port of Brookings Harbor
PO Box 848
Brookings, OR 97415

Statement

Date

6/8/2020

To:

Lynnette Clark

[redacted]

Amount Due	Amount Enc.
$14,958.88	

Date	Transaction	Amount	Balance
02/27/2020	INV #FC 487. Due 02/27/2020. Orig. Amount $184.03. Finance Charge --- Fin Chg $184.03 --- Invoice #20193376 for 12,969.43 on 10/19/2019 --- Invoice #20193375 for 852.00 on 10/21/2019	184.03	14,733.95
03/31/2020	INV #FC 538. Due 03/31/2020. Orig. Amount $224.93. Finance Charge --- Fin Chg $224.93 --- Invoice #20193376 for 12,969.43 on 10/19/2019 --- Invoice #20193375 for 852.00 on 10/21/2019	224.93	14,958.88

CURRENT	1-30 DAYS	31-60 DAYS	61-90 DAYS	OVER 90 DAYS	Amount Due
0.00	0.00	0.00	224.93	14,733.95	$14,958.88