

Pacific County Fire Protection District 1
Regular Commissioner's Meeting
April 19th, 2022 – 4:00 p.m.
Station 21-1, Ocean Park and Zoom



AGENDA

Establish Quorum/Call Meeting to Order/Pledge of Allegiance

Executive Session for Board for Volunteer FF Monthly Meeting

Consent Agenda (Items that need approval and signatures.)

1. Minutes of Regular Commissioners Meeting held on March 15th, 2022
2. March 23rd, 2022 4th Week Expenses for a total of \$60,862.9
3. April 19th, 2022 expenses for a total of \$258,620.53, not including Jack's Country Store
 - a. Accounts Payable: \$34,764.82
 - b. Payroll: \$222,855.71

Jack's Country Store: Needs Approval

1. Jack's April 19th, 2022 expenses for a total of \$467.66

Guests and Public Comments

1. Guests:
Public Comments:
Please introduce yourself and your purpose in attending the meeting.

Presentations and Special Events: None

Secretary's Report

1. BIAS Treasurer's Report
2. Monthly Budget Position Report, March 2022
3. 2022 Cash Flow Statement
4. 2022 Cash Flow Projection
5. Systems Design Collection Statistics

Calendar Items and Upcoming Events

1. May 17th, 2022 – Regular Commissioner's Meeting, Station 21-1 and via Zoom, 4:00 P.M.

Correspondence:

1. Ilwaco Fire Department – Surplus Ambulance

Old Business:

1. Towing Signage at Station 21-2

Pacific County Fire Protection District 1
Regular Commissioner's Meeting
April 19th, 2022 – 4:00 p.m.
Station 21-1, Ocean Park and Zoom



New Business:

1. Pacific County Hazard Mitigation Plan Adoption
2. Facility Study Proposals

District Chief's Report

1. AC Weatherby's Report
2. AC Bishop's Report
3. DC Archer's Report
4. Pub Ed Coordinator Karvia's Report

Commissioner's Reports

1. Tom Downer
2. Fred Hill
3. Dennis Long

Personnel Information:

Good of the Order:

Executive Session:

Adjourn Meeting by Chairman

**PACIFIC COUNTY FIRE PROTECTION DISTRICT #1
REGULAR COMMISSIONERS MEETING
MINUTES MARCH 15, 2022**



Commissioner Hill established that a quorum was present and called the meeting to order at 16:00. The meeting was held at Station 1, located at 26109 Ridge Avenue, Ocean Park, WA 98640 and via Zoom. Attendance at the meeting included:

Commissioner Fred Hill
Commissioner Dennis Long
Fire Chief Jacob Brundage
Assistant Chief T.J. Bishop
Division Chief Jeff Archer

Captain Nick Haldeman
Firefighter/PM Michael Weatherby
Pub Ed Coordinator Lani Karvia
District Secretary

Commissioner Hill called for an Executive Session at 16:00 for Pension and Relief Board meeting. Regular session resumed at 16:01.

Consent Agenda

1. Minutes of Regular Commissioners Meeting held on February 15th, 2022
2. February 22nd, 2022 4th Week Expenses for a total of \$261,494.63
 - a. Accounts Payable: \$32,883.40
 - b. Payroll: \$228,611.23
3. March 15th, 2022 expenses for a total of \$252,824.67, not including Jack's Country Store
 - a. Accounts Payable: \$23,474.93
 - b. Payroll: \$229,349.74

Commissioner Long made a motion to approve the consent agenda as prepared, seconded by Commissioner Hill. Motion carried.

Jack's Country Store

1. Jack's March 15th, 2022 expenses for a total of \$271.25

Commissioner Hill made a motion to approve the March 15th, 2022 expenses for Jack's Country Store in the amount of \$271.25, seconded by Commissioner Long. Motion carried.

Guests and Public Comments: None

Presentations and Special Events: None

Secretary's Report: (Report Attached)

1. BIAS Treasurer's Report
2. Monthly Budget Position Report, February 2022
3. 2021 Cash Flow Statement
4. 2021 Cash Flow Projection
5. Systems Design Collection Statistics

**PACIFIC COUNTY FIRE PROTECTION DISTRICT #1
REGULAR COMMISSIONERS MEETING
MINUTES MARCH 15, 2022**



Calendar Items and Upcoming Events

1. April 19th, 2022 – Regular Commissioner’s Meeting, Station 21-1 and via Zoom, 4:00 P.M.

Correspondence: None

Old Business: None

New Business: None

District Chief’s Report: See attached report.

Commissioner Downer joined the meeting remotely.

1. AC Weatherby’s Report – See attached report.
2. AC Bishop’s Report – See attached report.

AC Bishop stated that he is wanting to submit a grant request through L&I’s FIIRE program for an extractor at Station 1. See attached summary. He explained that we cannot produce two sets of gear for each member due to cost. We were recently in a situation where both he and AC Weatherby were without gear when there was a call because it was at Station 2. The current cleaning process is lengthy. He would like to put the same extractor at Station1 so that gear can be cleaned there as well.

Commissioner Hill expressed his concern. He stated that the detergents used in commercial-grade cleaning kills drain fields. 76-80% of drain field fails are from detergent, and they cost \$50,000 to replace. It is his opinion that gear can be washed in the extractor at Station 2 and then can be dried at Station 1.

Commissioner Downer stated that he shares the same concern, but the safety of the firefighters is the greater concern. He said that he has an alternate method that allows us to not dump detergents into the drain field. He suggested we apply for the grant, and then we can talk about his idea for the extractor afterward.

Commissioner Long made a motion to approve the L&I FIIRE grant application for an extractor at Station 21-1, seconded by Commissioner Downer. Motion carried.

3. DC Archer’s Report – See attached report.
4. Pub Ed Coordinator Karvia’s report – See attached report.

Commissioner Long asked what the Sheriff’s response was to incident problems at Dispatch.

Chief Brundage stated he is following up with the Sheriff. He stated that he believes that the Sheriff may struggle with some conflicts of interest, and that they Dispatch center might be better not under the Sheriff.

**PACIFIC COUNTY FIRE PROTECTION DISTRICT #1
REGULAR COMMISSIONERS MEETING
MINUTES MARCH 15, 2022**



Commissioner Long explained that he worries about the safety of our responders. He stated that if the Sheriff isn't responsive, we need to go to the County Commissioners. He added that this problem needs to be fixed, and he encouraged Chief Brundage to push on this issue.

Chief Brundage relayed that he may need assistance from Commissioner Long on the Administrative Board to address these issues.

Commissioner's Reports

1. Tom Downer – None
2. Fred Hill – None
3. Dennis Long – None

Personnel Information: None

Good of the Order: Chief Brundage stated that we have been busy, and he appreciates the Board authorizing the hiring of an additional firefighter. Many of the calls have been overlapping, and the extra person on shift has helped us cover calls more easily.

Captain DeConto added that the crews appreciate the extra firefighter on shift as well. There have been 5 to 6 calls today, and the extra person makes a difference.

Executive Session: Commissioner Hill called for an Executive Session lasting approximately 30 minutes for real estate, personnel, and legal at 16:45. Fire Chief Brundage and the District Secretary were in attendance for the entire session. Regular session resumed at 17:15.

Meeting adjourned at 17:16.

FRED H. HILL, Commissioner

THOMAS L. DOWNER, Commissioner

Attest:

DENNIS A. LONG, Commissioner

District Secretary

3/23/22 4TH WEEK VOUCHER APPROVAL

PACIFIC COUNTY FIRE DISTRICT 1

Time: 10:40:17 Date: 03/23/2022

03/23/2022 To: 03/23/2022

Page: 1

Trans	Date	Type	Acct #	War #	Claimant	Amount	Memo
397	03/23/2022	Claims	1	25654	ACTIVE ENTERPRISES INC	1,451.59	PROPANE
398	03/23/2022	Claims	1	25655	AIRGAS USA, LLC	59.46	LARGE OXYGEN CYLINDER RENTAL X 13; LARGE OXYGEN CYLINDER RENTAL X 5, XS OXYGEN CYLINDER RENTAL X 2
399	03/23/2022	Claims	1	25656	ARAMARK	88.06	3/22 LINEN SERVICE; 3/15 LINEN SERVICE
400	03/23/2022	Claims	1	25657	BANK OF THE PACIFIC VISA - 1029	2,179.94	FEBRUARY CREDIT CARD CHARGES - LK
401	03/23/2022	Claims	1	25658	BANK OF THE PACIFIC VISA - 1303	57.56	FEBRUARY 2022 CREDIT CARD CHARGES - JB
402	03/23/2022	Claims	1	25659	BOUND TREE MEDICAL, LLC	465.10	MEDICAL SUPPLIES - TAXED AND NOT TAXED
403	03/23/2022	Claims	1	25660	DEPARTMENT OF HEALTH	250.00	COORDINATED QUALITY IMPROVEMENT PROGRAM APPLICATION FEE
404	03/23/2022	Claims	1	25661	EVERGREEN SEPTIC PUMPING LLC	654.01	ST1 SEPTIC PUMPING
405	03/23/2022	Claims	1	25662	GIBBS & OLSON	4,167.86	2/1/22-2/28/22 PROFESSIONAL FEES/REIMBURSABLES
406	03/23/2022	Claims	1	25663	LANI G KARVIA	83.53	FUEL REIMBURSEMENT FOR TRAINING 3/9&10
407	03/23/2022	Claims	1	25664	LN CURTIS & SONS	445.17	3 PAIRS OF FIREFIGHTER PANTS
408	03/23/2022	Claims	1	25665	NORTH BEACH WATER	180.30	ST1D WATER; ST1 WATER
409	03/23/2022	Claims	1	25666	NORTHWEST SAFETY CLEAN	300.02	6' YELLOW HOSE STRAP
410	03/23/2022	Claims	1	25667	PUD #2 OF PACIFIC COUNTY	726.35	ST2 ELECTRICITY; ST2 ELECTRICITY
411	03/23/2022	Claims	1	25668	STEWART SIGNS	23,566.89	LED SIGN
412	03/23/2022	Claims	1	25669	STRYKER SALES CORPORATION	20,843.41	GURNEY
413	03/23/2022	Claims	1	25670	SUNSET AUTO PARTS	291.82	FIRE ACADEMY ROOF PROP SUPPLIES; SPARK PLUGS, FUEL FILTERS, OIL FILTER, OIL - #1434; DUAL ADHESIVE SYSTEM, WIPER BLADES; ADAPTERS - #2BFC; FITTING, ADAPTERS - #2BFC; BRAKLEEN - #2BFC; FUEL FILTER - #9
414	03/23/2022	Claims	1	25671	TELEFLEX LLC C/O TELEFLEX FUNDING LLC	557.75	MEDICAL SUPPLIES - NOT TAXED
415	03/23/2022	Claims	1	25672	U.S. BANK EQUIPMENT FINANCE	3,920.76	ZOLL MONITORS PAYMENT
416	03/23/2022	Claims	1	25673	VERIZON WIRELESS	442.14	MDC WIRELESS CONNECTION + CHIEF PHONES - ACCT# 242204341-00001; MDC WIRELESS CONNECTION - ACCT# 342204208-00001
417	03/23/2022	Claims	1	25674	ZOLL MEDICAL CORPORATION	131.19	MEDICAL SUPPLIES - TAXED; MEDICAL SUPPLIES - TAXED
001 General Fund 651.100						60,862.91	
						60,862.91	Claims: 60,862.91

3/23/22 4TH WEEK VOUCHER APPROVAL

PACIFIC COUNTY FIRE DISTRICT 1

Time: 10:40:17 Date: 03/23/2022

03/23/2022 To: 03/23/2022

Page: 2

Trans	Date	Type	Acct #	War #	Claimant	Amount	Memo
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We the undersigned Board of Commissioners of Pacific County Fire District #1, do hereby certify that the merchandise or services hereinafter specified have been received and that the vouchers identified above are approved for payment

On this _____ day of _____, District Secretary _____

Commissioner Hill

Commissioner Downer

Commissioner Long

4/19/22 REGULAR VOUCHER APPROVAL

PACIFIC COUNTY FIRE DISTRICT 1

Time: 13:22:45 Date: 04/14/2022

04/01/2022 To: 04/30/2022

Page: 1

Trans	Date	Type	Acct #	War #	Claimant	Amount	Memo
471	04/29/2022	Payroll	1	EFT	JEFFEREY ARCHER	5,643.41	
472	04/29/2022	Payroll	1	EFT	KRISTI L ASPLUND	4,656.02	
473	04/29/2022	Payroll	1	EFT	JUSTIN D F BAKER	4,616.46	
474	04/29/2022	Payroll	1	EFT	CORY A BARDONSKI	4,681.49	
475	04/29/2022	Payroll	1	EFT	THADDEUS BISHOP	6,793.37	
476	04/29/2022	Payroll	1	EFT	JACOB M BRUNDAGE	7,458.93	
477	04/29/2022	Payroll	1	EFT	SAMUEL J BURTON	5,477.36	
478	04/29/2022	Payroll	1	EFT	MICHAEL P DECONTO	5,261.26	
479	04/29/2022	Payroll	1	EFT	SCOTT ELLIOTT	1,790.06	
481	04/29/2022	Payroll	1	EFT	JAMES GAERLAN	4,699.68	
482	04/29/2022	Payroll	1	EFT	NICKOLAS HALDEMAN	5,003.16	
483	04/29/2022	Payroll	1	EFT	TOMMY M HERSEY	4,955.15	
484	04/29/2022	Payroll	1	EFT	LANI G KARVIA	3,084.35	
485	04/29/2022	Payroll	1	EFT	NATASHA LUCE	4,121.27	
486	04/29/2022	Payroll	1	EFT	CARLA C MCLEOD	1,265.25	
487	04/29/2022	Payroll	1	EFT		4,245.85	
488	04/29/2022	Payroll	1	EFT	MARCO J PALMA	4,880.50	
489	04/29/2022	Payroll	1	EFT	BRETT T PETERSON	1,713.73	
490	04/29/2022	Payroll	1	EFT	ANTHONY PROVENZANO	1,862.06	
491	04/29/2022	Payroll	1	EFT	JOSHUA M RAICHL	5,312.42	
492	04/29/2022	Payroll	1	EFT	TYLER REYNOLDS	4,204.54	
493	04/29/2022	Payroll	1	EFT	JORDAN ROOS	5,335.01	
495	04/29/2022	Payroll	1	EFT	JOSEPH L SCHROEDER	5,996.72	
496	04/29/2022	Payroll	1	EFT	TIMOTHY SWANSON	4,065.19	
497	04/29/2022	Payroll	1	EFT	THOMAS C TROTTER	3,950.41	
498	04/29/2022	Payroll	1	EFT	JOHN B WEATHERBY	6,970.78	
499	04/29/2022	Payroll	1	EFT	MICHAEL WEATHERBY	5,386.76	
500	04/29/2022	Payroll	1	EFT	DAVID L WILLIAMS	4,791.52	
501	04/29/2022	Payroll	1	EFT	TRAVIS ZIMMERMAN	4,226.63	
502	04/14/2022	Claims	1	EFT	DOWNER, THOMAS L	128.00	3/15 REGULAR MEETING
503	04/14/2022	Claims	1	EFT	HILL, FRED	384.00	3/11 VOUCHERS; 3/24 VOUCHERS; 3/15 REGULAR MEETING
504	04/14/2022	Claims	1	EFT	DENNIS LONG	128.00	3/15 REGULAR MEETING
505	04/14/2022	Claims	1	EFT	SECURITY STATE BANK OF WA	10.40	APRIL BANK FEES
506	04/14/2022	Claims	1	EFT	WA STATE DEPT OF REVENUE	159.52	Written From Use Tax Report
507	04/14/2022	Payroll	1	EFT	INTERNAL REVENUE SERVICE	23,280.73	941 Deposit for Pay Cycle(s) 04/29/2022 - 04/29/2022
508	04/14/2022	Payroll	1	EFT	PACIFIC COUNTY FIRE DIST #1 LOCAL 3999	1,260.00	Pay Cycle(s) 04/29/2022 To 04/29/2022 - DUES
509	04/14/2022	Payroll	1	EFT	STATE OF WASHINGTON	3,027.47	Pay Cycle(s) 04/29/2022 To 04/29/2022 - DECONTO, 2779062; Pay Cycle(s) 04/29/2022 To 04/29/2022 - ZIMMERMAN, 6621043; Pay Cycle(s) 04/29/2022 To 04/29/2022 - BARDONSKI, 2803470
510	04/14/2022	Payroll	1	EFT	WA STATE DEPT OF RETIREMENT	33,085.95	Pay Cycle(s) 04/29/2022 To 04/29/2022 - DCDOR; Pay Cycle(s) 04/29/2022 To 04/29/2022 - LEOFF; Pay Cycle(s) 04/29/2022 To 04/29/2022 - PERS 2; Pay Cycle(s) 04/29/2022 To 04/29/2022 - PERS 3
480	04/29/2022	Payroll	1	25675	PAUL ESTRELLA	396.18	

4/19/22 REGULAR VOUCHER APPROVAL

PACIFIC COUNTY FIRE DISTRICT 1

Time: 13:22:45 Date: 04/14/2022

04/01/2022 To: 04/30/2022

Page: 2

Trans	Date	Type	Acct #	War #	Claimant	Amount	Memo
494	04/29/2022	Payroll	1	25676	RICHARD SCHATZ	436.81	
511	04/14/2022	Claims	1	25677	ACTIVE ENTERPRISES INC	396.05	ST4 PROPANE; ST1 PROPANE
512	04/14/2022	Claims	1	25678	AIRGAS USA, LLC	134.83	OXYGEN; OXYGEN; OXYGEN; RENTAL OF 13 LARGE OXYGEN CYLINDERS; RENTAL OF 5 LARGE OXYGEN CYLINDERS AND 2 XS OXYGEN CYLINDERS
513	04/14/2022	Claims	1	25679	ARAMARK	131.22	3/29 LINEN SERVICE; 4/5 LINEN SERVICE; 4/12 LINEN SERVICE
514	04/14/2022	Claims	1	25680	JEFFEREY ARCHER	79.00	NEW VACUUM FOR ST2
515	04/14/2022	Claims	1	25681	ASTORIA FORD, INC.	78.90	HANDLE ASY - #5280
516	04/14/2022	Claims	1	25682	BAILEYS SAW SHOP	29.08	3 OIL FILTERS
517	04/14/2022	Claims	1	25683	THADDEUS BISHOP	2,294.90	PEPP 4TH EDITION TEXT; DEGREE PLAN
518	04/14/2022	Claims	1	25684	BOUND TREE MEDICAL, LLC	3,280.14	MEDICAL SUPPLIES - TAXED AND NOT TAXED; MEDICAL SUPPLIES - TAXED; MEDICAL SUPPLIES - TAXED; MEDICAL SUPPLIES - TAXED AND NOT TAXED; MEDICAL SUPPLIES - NOT TAXED; MEDICAL SUPPLIES - NOT TAXED; MEDICAL SUPPLIES - NOT TAXED; MEDICAL;
519	04/14/2022	Claims	1	25685	CENTURY LINK #300537338	126.96	ST2 TELEPHONE
520	04/14/2022	Claims	1	25686	CENTURYLINK #300541738	495.86	BURN LINE; ST1 AND ST3 TELEPHONE
521	04/14/2022	Claims	1	25687	CHRIS' CUSTOM COMPUTERS	240.00	TRANSFER FILES FOR LK COMPUTER
522	04/14/2022	Claims	1	25688	CITY OF LONG BEACH	160.47	ST2 WATER; ST2 WATER
523	04/14/2022	Claims	1	25689	DMT AUTO PARTS, INC.	108.89	BATTERY, CORE DEPOSIT - #1434; CORE DEPOSIT CREDIT
524	04/14/2022	Claims	1	25690	DRUG SCREENS, INC.	70.00	OCCUPATIONAL URINE COLLECTION - I. SMITH, H. CHANG
525	04/14/2022	Claims	1	25691	EVERGREEN SEPTIC INC.	95.00	ST5 BIWEEKLY SERVICE
526	04/14/2022	Claims	1	25692	FORD ELECTRIC CO INC	302.68	REMOVED EXTERIOR BOXES FOR SIDING - ST3
527	04/14/2022	Claims	1	25693	ISPYFIRE, INC.	540.50	ANNUAL SUBSCRIPTION - <2000
528	04/14/2022	Claims	1	25694	LANI G KARVIA	200.00	IFSAC TEST EVALUATOR
529	04/14/2022	Claims	1	25695	MICHAEL J KARVIA	120.00	IFSAC TEST PROCTOR
530	04/14/2022	Claims	1	25696	MALLORY SAFETY & SUPPLY LLC	830.56	DIVISION CHIEF, CAPTAIN, AND FIREFIGHTER BADGES
531	04/14/2022	Claims	1	25697	OMAN & SONS INC	198.12	FILTER; ST2 FLOORING PROJECT MATERIALS; ST2 FLOORING PROJECT MATERIALS; WOOD SCREWS FOR BURN PROPERTY CONSTRUCTION; WOOD SCREWS FOR BURN PROPERTY CONSTRUCTION
532	04/14/2022	Claims	1	25698	PACIFIC CO. FIRE DIST#1 ADVANCED TRAVEL	275.00	DPSST LEADERSHIP TRAINING PER DIEM - RAICHL
533	04/14/2022	Claims	1	25699	PACIFIC CO. FIRE DIST#1 REVOLVING FUND	116.00	REIMBURSEMENT FOR 2 ROLLS OF STAMPS
534	04/14/2022	Claims	1	25700	PACIFIC COUNTY SHERIFF'S OFFICE	7,781.48	QUARTERLY SUPPORT
535	04/14/2022	Claims	1	25701	PACIFIC OFFICE AUTOMATION	71.59	2/19-3/19 COPY/PRINT FEE
536	04/14/2022	Claims	1	25702	PACIFIC SOLID WASTE DISPOSAL, INC.	97.10	DUMP RUNS

4/19/22 REGULAR VOUCHER APPROVAL

PACIFIC COUNTY FIRE DISTRICT 1

Time: 13:22:45 Date: 04/14/2022

04/01/2022 To: 04/30/2022

Page: 3

Trans	Date	Type	Acct #	War #	Claimant	Amount	Memo
537	04/14/2022	Claims	1	25703	PENINSULA SANITATION SERVICE, INC.	146.69	ST1 GARBAGE
538	04/14/2022	Claims	1	25704	PENINSULA SANITATION SERVICE, INC.	146.69	ST2 GARBAGE
539	04/14/2022	Claims	1	25705	PNW FIRE TRAINING LLC	212.50	IFSAC FIRE INSTRUCTOR 2 - ZIMMERMAN (50% OF CLASS FEE DUE TO LATE WITHDRAWAL)
540	04/14/2022	Claims	1	25706	PUBLIC SAFETY TESTING, INC.	128.00	Q1 2022 AGREEMENT
541	04/14/2022	Claims	1	25707	PUD #2 OF PACIFIC COUNTY	905.69	ST4 ELECTRICITY; ST1 ELECTRICITY; ST5 ELECTRICITY; ST1D ELECTRICITY; ST1A ELECTRICITY; ST3 ELECTRICITY; ST3 ELECTRICITY
542	04/14/2022	Claims	1	25708	SEAVIEW SEWER DISTRICT	319.20	ST2 SEWER; ST2 SEWER
543	04/14/2022	Claims	1	25709	SNURE LAW OFFICE, PSC.	82.50	MARCH PROFESSIONAL SERVICES RENDERED
544	04/14/2022	Claims	1	25710	SPECTRUM	165.42	ST1 CABLE; ST2 CABLE
545	04/14/2022	Claims	1	25711	SPEEDY GLASS	470.65	WINDSHIELD - #9649
546	04/14/2022	Claims	1	25712	STERICYCLE INC.	45.77	BIOHAZARD DISPOSAL
547	04/14/2022	Claims	1	25713	SUMMIT LAW GROUP	96.00	ACTIVITY BILLED THROUGH 1/31/22
548	04/14/2022	Claims	1	25714	SUNSET AUTO PARTS	108.89	BATTERY, DEPOSIT - #9165; CORE DEPOSIT CREDIT
549	04/14/2022	Claims	1	25715	SYSTEMS DESIGN WEST, LLC.	2,634.02	EMS BILLING FOR JANUARY
550	04/14/2022	Claims	1	25716	TECH TAP COMPUTER CONSULTING	487.54	APRIL AGREEMENT
551	04/14/2022	Claims	1	25717	U.S. BANK EQUIPMENT FINANCE	3,920.76	ZOLL MONITORS PMT
552	04/14/2022	Claims	1	25718	VOYAGER FLEET SYSTEMS, INC.	3,582.80	MARCH FUEL CHARGES
553	04/14/2022	Claims	1	25719	WASTE CONNECTIONS OF WA INC	58.37	90 GAL SHRED
554	04/14/2022	Claims	1	25720	JOHN B WEATHERBY	285.80	TOILETS FOR ST2 BATHROOM FLOOR PROJECT
555	04/14/2022	Claims	1	25721	WESTLAKE HARDWARE	104.94	PROPANE CYLINDER; LIGHT BULBS FOR ST2; BUILDING MAINT. SUPPLIES - ST2; POWER STRIP
556	04/14/2022	Claims	1	25722	WILCOX & FLEGEL OIL CO.	894.79	55 GA DRUM 15W40 OIL
557	04/14/2022	Claims	1	25723	WILLAPA MEDICAL CLINIC	125.00	VOLUNTEER PHYSICAL - CHANG
558	04/14/2022	Claims	1	25724	TRAVIS ZIMMERMAN	200.00	IFSAC TEST EVALUATOR
559	04/14/2022	Claims	1	25725	ZOLL MEDICAL CORPORATION	578.55	MEDICAL SUPPLIES - TAXED
560	04/14/2022	Payroll	1	25726	DIMARTINO ASSOCIATES, INC.	1,379.51	Pay Cycle(s) 04/29/2022 To 04/29/2022 - DISINSFF
561	04/14/2022	Payroll	1	25727	GET PROGRAM	123.00	Pay Cycle(s) 04/29/2022 To 04/29/2022 - GET
562	04/14/2022	Payroll	1	25728	TRUSTEED PLANS SERVICE CORP	2,708.70	Pay Cycle(s) 04/29/2022 To 04/29/2022 - DENTAL
563	04/14/2022	Payroll	1	25729	TRUSTEED PLANS SERVICE CORP	1,136.08	Pay Cycle(s) 04/29/2022 To 04/29/2022 - DISADMIN
564	04/14/2022	Payroll	1	25730	TRUSTEED PLANS SERVICE CORPORATION	24,536.94	Pay Cycle(s) 04/29/2022 To 04/29/2022 - MEDICAL
565	04/14/2022	Payroll	1	25731	WA COUNCIL OF POLICE & SHERIFFS	35.00	Pay Cycle(s) 04/29/2022 To 04/29/2022 - DISWACOPS

4/19/22 REGULAR VOUCHER APPROVAL

PACIFIC COUNTY FIRE DISTRICT 1

Time: 13:22:45 Date: 04/14/2022

04/01/2022 To: 04/30/2022

Page: 4

Trans	Date	Type	Acct #	War #	Claimant	Amount	Memo
						Claims:	34,764.82
						258,620.53 Payroll:	223,855.71

We the undersigned Board of Commissioners of Pacific County Fire District #1, do hereby certify that the merchandise or services hereinafter specified have been received and that the vouchers identified above are approved for payment

On this _____ day of _____ District Secretary _____

Commissioner Hill

Commissioner Downer

Commissioner Long

4/19/22 JACK'S VOUCHER APPROVAL

PACIFIC COUNTY FIRE DISTRICT 1

Time: 13:31:50 Date: 04/14/2022

04/13/2022 To: 04/13/2022

Page: 1

Trans	Date	Type	Acct #	War #	Claimant	Amount	Memo
566	04/13/2022	Claims	1	27532	JACKS COUNTRY STORE INC	467.66	HARDWARE - #5778; KEYS FOR GEAR LOCKER @ ANNEX; SHOP EQUIPMENT; WATER FOR FF ACADEMY; SHOP SUPPLIES; BULB - #4614; HARDWARE - #8775; #2BFC; HARDWARE - #2BFC; BURN HOUSE MATERIALS; EMT OFFICE NEW THERM
001 General Fund 651.100						467.66	
						467.66	Claims: 467.66

We the undersigned Board of Commissioners of Pacific County Fire District #1, do hereby certify that the merchandise or services hereinafter specified have been received and that the vouchers identified above are approved for payment

On this _____ day of _____, District Secretary _____

Commissioner Hill

Commissioner Downer

Commissioner Long

**PACIFIC COUNTY FIRE PROTECTION DISTRICT #1
DISTRICT SECRETARY'S REPORT
APRIL 19, 2022**



FOR THE MONTH ENDING MARCH 31ST, 2022

REVENUE: \$365,738.18

EXPENDITURES: \$314,591.85

CURRENT CASH POSITION: \$2,788,415.35

ACTIVITIES:

a. SAO Annual Report

i. Plan for the month changed – have not completed the report yet

1. Will be ready for the May meeting

TREASURER'S REPORT

Fund Totals

PACIFIC COUNTY FIRE DISTRICT 1

03/01/2022 To: 03/31/2022

Time: 11:23:50 Date: 04/05/2022
Page: 1

Fund	Previous Balance	Revenue	Expenditures	Ending Balance	Claims Clearing	Payroll Clearing	Outstanding Deposits	Adjusted Ending Balance
001 General Fund 651.100	2,727,492.04	365,738.18	314,591.85	2,778,638.37	7,381.06	2,395.92	0.00	2,788,415.35
	2,727,492.04	365,738.18	314,591.85	2,778,638.37	7,381.06	2,395.92	0.00	2,788,415.35

TREASURER'S REPORT

Account Totals

PACIFIC COUNTY FIRE DISTRICT 1

03/01/2022 To: 03/31/2022

Time: 11:23:50 Date: 04/05/2022
Page: 2

Cash Accounts	Beg Balance	Deposits	Withdrawals	Ending	Outstanding Rec	Outstanding Exp	Adj Balance
1 General Fund 651.100	2,722,792.04	365,738.18	314,591.85	2,773,938.37	0.00	9,776.98	2,783,715.35
3 Ambulance Billing BOP	100.00	97,075.24	97,075.24	100.00	0.00	0.00	100.00
4 Petty Cash	100.00	27.13	27.13	100.00	0.00	0.00	100.00
5 Advance Travel	3,000.00	661.00	661.00	3,000.00	0.00	0.00	3,000.00
6 Revolving Checking	1,500.00	0.00	0.00	1,500.00	0.00	0.00	1,500.00
Total Cash:	2,727,492.04	463,501.55	412,355.22	2,778,638.37	0.00	9,776.98	2,788,415.35
	2,727,492.04	463,501.55	412,355.22	2,778,638.37	0.00	9,776.98	2,788,415.35

TREASURER'S REPORT

Outstanding Vouchers

PACIFIC COUNTY FIRE DISTRICT 1

As Of: 03/31/2022 Date: 04/05/2022
Time: 11:23:50 Page: 3

Year	Trans#	Date	Type	Acct#	War#	Vendor	Amount	Memo
2020	872	06/17/2020	Claims	1	24087	UNITED HEALTHCARE INSURANCE CO. (AARP)	119.23	PATIENT REFUND - MEMBER #9MW5H94KX64
2021	861	06/09/2021	Claims	1	24930	FIRE ENGINEERING	34.95	1 YEAR PRINT SUBSCRIPTION
2021	1018	07/30/2021	Payroll	1	24998	ANTHONY PROVENZANO	614.13	
2021	1331	09/16/2021	Claims	1	25175	TECH TAP COMPUTER CONSULTING	470.78	SEPTEMBER AGREEMENT
2021	1670	11/30/2021	Payroll	1	25310	PAUL ESTRELLA	19.40	
2021	1720	11/11/2021	Claims	1	25334	JOSHUA M RAICHL	73.92	FUEL TO TRAINING IN POULSBO
2021	1778	11/30/2021	Claims	1	25358	BOUND TREE MEDICAL, LLC	203.98	MEDICAL SUPPLIES - TAXED AND NOT TAXED; MEDICAL SUPPLIES - TAXED; MEDICAL SUPPLIES - TAXED
2021	1860	12/16/2021	Claims	1	25405	LIBERTY SPORT INC.	11.95	SHIPPING CHARGE
2022	40	01/31/2022	Payroll	1	25491	PAUL ESTRELLA	309.37	
2022	87	01/13/2022	Payroll	1	25511	TRUSTEED PLANS SERVICE CORP	704.06	Pay Cycle(s) 01/31/2022 To 01/31/2022 - DISADMIN
2022	259	02/22/2022	Claims	1	25595	MARCO J PALMA	35.32	LONG TERM CARE JANUARY DEDUCTION REFUND
2022	266	02/22/2022	Claims	1	25602	JORDAN ROOS	26.43	LONG TERM CARE JANUARY DEDUCTION REFUND
2022	267	02/22/2022	Claims	1	25603	JOSEPH L SCHROEDER	46.29	LONG TERM CARE JANUARY DEDUCTION REFUND
2022	331	03/31/2022	Payroll	1	25617	PAUL ESTRELLA	365.71	
2022	345	03/31/2022	Payroll	1	25618	RICHARD SCHATZ	383.25	
2022	364	03/10/2022	Claims	1	25621	BAILEYS SAW SHOP	274.95	CARBURETOR, GASKET
2022	371	03/10/2022	Claims	1	25628	EVERGREEN SEPTIC INC.	90.00	ST5 BI-WEEKLY SERVICE
2022	403	03/23/2022	Claims	1	25660	DEPARTMENT OF HEALTH	250.00	COORDINATED QUALITY IMPROVEMENT PROGRAM APPLICATION FEE
2022	404	03/23/2022	Claims	1	25661	EVERGREEN SEPTIC PUMPING LLC	654.01	ST1 SEPTIC PUMPING
2022	410	03/23/2022	Claims	1	25667	PUD #2 OF PACIFIC COUNTY	726.35	ST2 ELECTRICITY; ST2 ELECTRICITY; ST2 ELECTRICITY
2022	415	03/23/2022	Claims	1	25672	U.S. BANK EQUIPMENT FINANCE	3,920.76	ZOLL MONITORS PAYMENT
2022	416	03/23/2022	Claims	1	25673	VERIZON WIRELESS	442.14	MDC WIRELESS CONNECTION + CHIEF PHONES - ACCT# 242204341-00001; MDC WIRELESS CONNECTION - ACCT# 342204208-00001
							9,776.98	
Fund				Claims	Payroll	Total		
001 General Fund 651.100				7,381.06	2,395.92	9,776.98		
				7,381.06	2,395.92	9,776.98		

TREASURER'S REPORT

Signature Page

PACIFIC COUNTY FIRE DISTRICT 1

Time: 11:23:50 Date: 04/05/2022
Page: 4

03/01/2022 To: 03/31/2022

I, the undersigned officer for the Pacific County Fire District #1 have reviewed the foregoing report and acknowledge that to the best of our knowledge this report is accurate and true:

Signed: _____ District Secretary / Date

2022 CASH FLOW - YEAR TO DATE

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:20:07 Date: 04/05/2022

Page: 1

001 General Fund 651.100															
	January	February	March	April	May	June	July	August	September	October	November	December	Total	Budgeted Amt	%
311 10 22 000 FIRE - Real and Persc	8,612.99	203,094.96	193,692.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	405,400.55	2,300,000.00	18%
311 10 26 000 EMS - Real and Persc	2,948.43	71,780.29	68,419.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	143,147.81	810,000.00	18%
312 10 00 000 Forest Excise Tax	0.00	156.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	156.43	0.00	0%
317 20 00 000 Leasehold Excise Tax	0.00	53.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.86	0.00	0%
322 90 00 000 Burn Permits	300.00	575.00	375.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,250.00	900.00	139%
310 TAXES	11,861.42	275,660.54	262,486.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	550,008.65	3,110,000.00	18%
331 04 90 001 Direct Federal Grants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49,050.00	0%
332 93 40 000 Ground Emergency H	4,264.77	631.15	22,054.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,950.77	100,000.00	27%
334 04 90 000 State Grant - DOH Pl	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,200.00	0%
330 State Grant	4,264.77	631.15	22,054.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,950.77	150,250.00	18%
342 20 00 000 Fire Protection Servit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28,700.00	0%
342 60 01 000 Ambulance and Eme	30,770.68	34,151.26	80,977.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145,899.41	660,000.00	22%
340	30,770.68	34,151.26	80,977.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	145,899.41	688,700.00	21%
361 11 00 000 Investment Interest	0.00	205.38	219.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	424.55	2,000.00	21%
369 91 00 000 Other Misc Revenues	10.00	3,805.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,815.00	0.00	0%
369 91 01 001 Misc Revenues - BVF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	0%
369 91 01 002 Misc Revenues - Trai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,000.00	0%
360	10.00	4,010.38	219.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,239.55	11,000.00	39%
FUND REVENUES	46,906.87	314,453.33	365,738.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	727,098.38	3,960,850.00	18%
522 10 10 001 Commissioners	1,024.00	768.00	640.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,432.00	10,000.00	24%
522 10 10 002 District Chief	10,503.40	10,503.40	10,503.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31,510.20	126,041.00	25%
522 10 10 003 District Secretary	5,816.31	5,816.31	5,816.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17,448.93	69,796.00	25%
522 10 10 004 Admin Assistant	1,350.00	1,125.00	1,125.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,600.00	15,600.00	23%
522 10 10 005 Pub. Ed. Coordinator	4,276.00	4,276.00	4,276.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,828.00	52,338.00	25%
522 10 10 006 Chief Of Operations	8,861.87	8,861.87	8,861.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,585.61	109,410.00	24%
522 10 10 008 Chief Of EMS & Safe	8,240.00	8,240.00	8,240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24,720.00	103,732.00	24%
522 10 10 009 DC Volunteer Coordi	0.00	10,124.76	8,580.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18,704.76	98,769.00	19%
522 10 20 001 Labor & Industry	2,621.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,621.99	18,611.00	14%
522 10 20 002 LEOPF Retirement	1,463.08	1,999.69	1,917.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,380.59	23,211.00	23%
522 10 20 003 Medical/Dental	6,113.41	6,666.66	6,666.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19,446.73	80,000.00	24%
522 10 20 004 Medicare	566.20	709.74	687.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,963.28	8,347.00	24%
522 10 20 005 PERS Retirement	1,172.84	1,149.77	1,149.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,472.38	14,118.00	25%
522 10 31 001 Office and Operating	1,050.53	770.34	682.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,503.61	12,000.00	21%
522 10 31 002 Office Cleaning Supp	477.85	0.00	426.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	904.71	4,000.00	23%
522 10 35 001 Computer Hardware	2,104.80	1,395.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,500.32	2,000.00	175%
522 10 35 002 Computer Software	0.00	237.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	237.81	1,500.00	16%
522 10 40 001 Elections	1,547.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,547.85	7,000.00	22%
522 10 40 002 Ground Water Prope	0.00	0.00	321.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	321.20	350.00	92%
522 10 40 003 State Audit	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,000.00	0%

2022 CASH FLOW - YEAR TO DATE

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:20:07 Date: 04/05/2022
Page: 2

001 General Fund 651.100	January	February	March	April	May	June	July	August	September	October	November	December	Total	Budgeted Amt	%
522 10 41 001 Legal Services / Publi	118.50	0.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	188.50	20,000.00	1%
522 10 41 002 Misc Professional Se	2,281.00	373.06	452.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,106.22	10,000.00	31%
522 10 42 001 Postage	0.00	130.96	27.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.09	1,500.00	11%
522 10 43 001 Travel Lodging	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,500.00	0%
522 10 43 002 Travel Meals	0.00	0.00	240.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	240.00	2,000.00	12%
522 10 43 003 Travel Mileage	0.00	273.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	273.80	2,000.00	14%
522 10 43 004 Travel Registration /	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600.00	3,000.00	20%
522 10 46 001 Casualty & Liability I	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	95,141.00	0%
522 10 47 001 Electricity	1,694.72	1,730.99	1,771.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,197.53	18,380.00	28%
522 10 47 002 Garbage	293.38	303.74	293.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	890.50	4,120.00	22%
522 10 47 003 Natural Gas	1,128.79	1,342.80	1,903.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,375.17	6,556.00	67%
522 10 47 004 Sewer	90.00	409.20	90.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	589.20	3,157.00	19%
522 10 47 005 Telephone	613.24	622.82	622.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,858.50	13,390.00	14%
522 10 47 006 Water	340.34	441.00	374.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,155.41	4,120.00	28%
522 10 47 007 Wireless Communica	360.09	973.31	442.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,775.54	5,665.00	31%
522 10 47 008 Cable TV	165.24	165.24	165.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	495.86	2,163.00	23%
522 10 48 001 Computer Services	470.78	487.54	487.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,445.86	6,000.00	24%
522 10 49 001 Health & Wellness	305.00	927.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,232.18	8,000.00	15%
522 10 49 002 Memberships and St	7,657.72	195.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,882.72	18,000.00	44%
522 20 10 002 FF/EMT Salaries & W	51,876.92	54,154.70	54,917.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160,949.49	704,138.00	23%
522 20 10 003 Maintenance Technic	6,878.35	6,878.35	6,878.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20,635.05	84,191.00	25%
522 20 10 005 Volunteer Incentive f	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,500.00	25,000.00	10%
522 20 20 001 Labor & Industry	6,468.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,468.75	63,732.00	10%
522 20 20 002 LEOFF Retirement	2,187.59	2,530.87	2,546.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,264.61	30,123.00	24%
522 20 20 003 Medical/Dental	9,914.69	12,301.37	11,108.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33,324.09	126,186.00	26%
522 20 20 004 Medicare	888.22	884.98	896.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,669.26	11,431.00	23%
522 20 20 005 PERS Retirement	1,211.64	1,361.28	1,409.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,982.90	22,547.00	18%
522 20 20 006 Social Security	505.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	505.88	1,550.00	33%
522 20 20 099 Payroll Clearing	62.38	-332.53	-824.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1,094.56	0.00	0%
522 20 31 001 Misc Supplies	27.16	229.75	437.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	693.99	5,000.00	14%
522 20 31 002 Uniforms / Gear Issu	882.48	82.69	445.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,410.34	10,000.00	14%
522 20 32 001 Fuel	1,062.25	1,356.48	1,005.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,404.30	10,000.00	34%
522 20 35 001 Vehicle Parts	1,522.15	168.21	355.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,045.76	12,000.00	17%
522 20 35 002 Misc Small Tools/Eq	241.85	0.00	304.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	546.18	2,500.00	22%
522 20 35 003 Radio Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,500.00	0%
522 20 40 001 Dispatch / Local Sup	802.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	802.38	3,377.00	24%
522 20 46 001 Pension & Relief	0.00	1,885.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,885.20	3,000.00	63%
522 20 48 001 Radio Repair/Mainte	0.00	47.55	29.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.16	2,000.00	4%
522 20 48 002 Small Equip. Repair/I	650.93	64.98	278.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	994.09	3,000.00	33%
522 20 48 003 Vehicle Repair/Maint	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,000.00	0%
522 20 49 001 Misc Services	0.00	291.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	291.87	20,000.00	1%
522 30 31 001 Fire Investigation Su	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	400.00	0%
522 30 31 002 Public Education Su	207.79	10.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	218.33	1,500.00	15%
522 40 31 001 Misc Supplies	0.00	0.00	26.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.44	3,500.00	1%
522 40 43 001 Training Lodging	0.00	600.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	600.68	3,000.00	20%
522 40 43 002 Training Meals	269.68	349.99	774.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,394.09	3,000.00	46%

2022 CASH FLOW - YEAR TO DATE

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:20:07 Date: 04/05/2022
Page: 3

001 General Fund 651.100	January	February	March	April	May	June	July	August	September	October	November	December	Total	Budgeted Amt	%
522 40 43 003 Travel Mileage	0.00	53.05	246.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	299.17	500.00	60%
522 40 43 004 Travel Registration /	0.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00	20,000.00	1%
522 40 49 001 Resident Tuition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,000.00	0%
522 40 49 002 Union Tuition	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0%
522 50 31 001 Building Maintenan	35.49	0.00	261.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	296.86	4,000.00	7%
522 50 49 001 Building Maintenan	778.81	295.92	882.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,956.74	7,000.00	28%
526 10 10 002 FF/Paramedic Salarie	89,105.63	76,961.72	78,922.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	244,989.66	923,395.00	27%
526 10 10 003 Volunteer Reimburse	470.00	296.00	811.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,577.00	20,000.00	8%
526 10 20 001 Labor & Industry	10,330.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,330.14	60,060.00	17%
526 10 20 002 LEOFF Retirement	4,442.57	4,079.07	4,182.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,704.51	48,940.00	26%
526 10 20 003 Medical/Dental	10,577.45	9,470.95	9,470.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29,519.35	120,532.00	24%
526 10 20 004 Medicare	1,298.83	1,120.24	1,156.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,575.20	13,389.00	27%
526 10 20 006 Social Security	29.14	18.35	50.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.77	1,240.00	8%
526 10 41 001 Biohazard Disposal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	650.00	0%
526 10 41 002 Controlled Substanc	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	0%
526 40 30 001 Supplies	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,000.00	0%
526 40 43 001 Travel Lodging	635.85	0.00	389.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,025.81	2,000.00	51%
526 40 43 002 Travel Meals	44.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.89	5,000.00	1%
526 40 43 003 Travel Mileage	77.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.00	500.00	15%
526 40 43 004 Travel Registration F	440.00	0.00	250.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	690.00	14,000.00	5%
526 70 41 001 Ambulance Billing Se	2,580.57	0.00	2,789.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,370.15	30,000.00	18%
526 70 41 002 GEMT Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30,000.00	0%
526 70 49 001 Ambulance Payment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,000.00	0%
526 80 31 001 Medical & Operating	4,482.44	7,699.30	3,667.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15,849.71	48,000.00	33%
526 80 32 001 Fuel	2,857.78	2,236.74	4,239.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,333.62	40,000.00	23%
526 80 35 001 Vehicle Parts	181.93	26.90	168.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	377.32	10,000.00	4%
526 80 35 002 Misc Small Tools/Equ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,200.00	0%
526 80 48 001 Medical Equip. Repai	607.23	270.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	877.29	3,168.00	28%
526 80 48 003 Vehicle Repairs & Me	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,000.00	0%
526 80 51 001 Dispatch / Local Sup	6,979.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6,979.10	29,374.00	24%
520 FIRE	296,874.87	256,996.77	255,210.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	809,082.62	3,613,138.00	22%
591 22 71 001 Principal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51,500.00	0%
592 22 83 001 Interest	0.00	0.00	633.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	633.02	1,288.00	49%
594 22 60 001 Buildings	4,039.85	741.21	4,167.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,948.92	740,000.00	1%
594 22 60 002 Communication Equi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,100.00	0%
594 22 60 003 Office Equipment	0.00	973.00	4,428.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,401.81	6,000.00	90%
594 22 60 004 Equipment & Turnol	0.00	0.00	1,820.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,820.12	32,726.00	6%
594 22 60 005 Fire Hose	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0%
594 22 60 006 Misc Equipment	9,079.32	4,106.72	23,566.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36,752.93	27,000.00	136%
594 22 60 008 Engines	10,146.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10,146.00	475,000.00	2%
594 26 60 002 Misc Medical Equipm	4,280.57	21,119.91	24,764.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50,164.65	98,000.00	51%
590	27,545.74	26,940.84	59,380.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113,867.45	1,441,614.00	8%

2022 CASH FLOW - YEAR TO DATE

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:20:07 Date: 04/05/2022 Page: 4

[illegible]

PACIFIC COUNTY FIRE DISTRICT 1

Page:

[illegible]

2022 BUDGET POSITION

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:19:32 Date: 04/05/2022

Page: 1

001 General Fund 651.100

Months: 01 To: 03

Revenues		Amt Budgeted	Revenues	Remaining	
310 TAXES					
311 10 22 000	FIRE - Real and Personal Property Taxes	2,300,000.00	405,400.55	1,894,599.45	17.6%
311 10 26 000	EMS - Real and Personal Property Taxes	810,000.00	143,147.81	666,852.19	17.7%
312 10 00 000	Forest Excise Tax	0.00	156.43	(156.43)	0.0%
317 20 00 000	Leasehold Excise Tax	0.00	53.86	(53.86)	0.0%
318 00 00 000	Other Tax	0.00	0.00	0.00	0.0%
322 90 00 000	Burn Permits	900.00	1,250.00	(350.00)	138.9%
310 TAXES		3,110,900.00	550,008.65	2,560,891.35	17.7%
330 State Grant					
331 04 90 001	Direct Federal Grants (FEMA) SAFER	49,050.00	0.00	49,050.00	0.0%
331 04 90 002	Direct Federal Grants (FEMA) AFG	0.00	0.00	0.00	0.0%
332 92 10 000	Covid-19 Non-Grant Assistance	0.00	0.00	0.00	0.0%
332 93 40 000	Ground Emergency Medical Transportation	100,000.00	26,950.77	73,049.23	27.0%
333 04 90 000	Grant - HSGP Citizen Corps Program	0.00	0.00	0.00	0.0%
333 10 61 000	Indirect Federal Grant - DNR Phase II	0.00	0.00	0.00	0.0%
333 97 03 000	WA State Military Dept Emergency Mgmt Div	0.00	0.00	0.00	0.0%
334 01 30 000	State Grant - WSP FF Recruit Academy	0.00	0.00	0.00	0.0%
334 04 90 000	State Grant - DOH Prehospital	1,200.00	0.00	1,200.00	0.0%
334 04 90 001	State Grant - DOH Stroke	0.00	0.00	0.00	0.0%
334 06 90 001	State Grant - Secretary Of State Archives	0.00	0.00	0.00	0.0%
338 22 00 000	Fire Control Services (State Mobs, Etc.)	0.00	0.00	0.00	0.0%
330 State Grant		150,250.00	26,950.77	123,299.23	17.9%
342 20 00 000	Fire Protection Services (Fire Protection Contracts)	28,700.00	0.00	28,700.00	0.0%
342 60 01 000	Ambulance and Emergency Aid Services (Transports)	660,000.00	145,899.41	514,100.59	22.1%
342 60 02 000	Ambulance & Emergency Aid Services (Naselle Dist #4 payments)	0.00	0.00	0.00	0.0%
340		688,700.00	145,899.41	542,800.59	21.2%
359 90 00 000	Miscellaneous Fines and Penalties (Illegal burning)	0.00	0.00	0.00	0.0%
350		0.00	0.00	0.00	0.0%
361 11 00 000	Investment Interest	2,000.00	424.55	1,575.45	21.2%
367 11 00 000	Gifts, Pledges, Grants and Bequests from Private Sources	0.00	0.00	0.00	0.0%
369 91 00 000	Other Misc Revenues (Include reimb for expenditures)	0.00	3,815.00	(3,815.00)	0.0%
369 91 01 000	Misc Revenues - LNI Reimbursements for Timeloss/LEP	0.00	0.00	0.00	0.0%
369 91 01 001	Misc Revenues - BVFF Reimburse	1,000.00	0.00	1,000.00	0.0%
369 91 01 002	Misc Revenues - Training	8,000.00	0.00	8,000.00	0.0%
360		11,000.00	4,239.55	6,760.45	38.5%
388 80 00 000	Prior Year Cash Adjustment	0.00	0.00	0.00	0.0%

2022 BUDGET POSITION

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:19:32 Date: 04/05/2022

Page: 2

001 General Fund 651.100

Months: 01 To: 03

Revenues		Amt Budgeted	Revenues	Remaining	
380					
389 10 00 000	Refunds / Misc Non Revenues	0.00	0.00	0.00	0.0%
380		0.00	0.00	0.00	0.0%
391 10 00 000	General Obligation Bond Proceeds	0.00	0.00	0.00	0.0%
395 10 00 000	Proceeds From Sale of Capital Assets (Equipment, etc.)	0.00	0.00	0.00	0.0%
395 20 00 000	Insurance Revenue for Loss/Impairment of Capital Assets	0.00	0.00	0.00	0.0%
390		0.00	0.00	0.00	0.0%

Fund Revenues:	3,960,850.00	727,098.38	3,233,751.62	18.4%
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Expenditures		Amt Budgeted	Expenditures	Remaining	
520 FIRE					
522 10 10 001	Commissioners	10,000.00	2,432.00	7,568.00	24.3%
522 10 10 002	District Chief	126,041.00	31,510.20	94,530.80	25.0%
522 10 10 003	District Secretary	69,796.00	17,448.93	52,347.07	25.0%
522 10 10 004	Admin Assistant	15,600.00	3,600.00	12,000.00	23.1%
522 10 10 005	Pub. Ed. Coordinator	52,338.00	12,828.00	39,510.00	24.5%
522 10 10 006	Chief Of Operations	109,410.00	26,585.61	82,824.39	24.3%
522 10 10 007	Chief Of Administration	0.00	0.00	0.00	0.0%
522 10 10 008	Chief Of EMS & Safety	103,732.00	24,720.00	79,012.00	23.8%
522 10 10 009	DC Volunteer Coordinator	98,769.00	18,704.76	80,064.24	18.9%
522 10 20 001	Labor & Industry	18,611.00	2,621.99	15,989.01	14.1%
522 10 20 002	LEOFF Retirement	23,211.00	5,380.59	17,830.41	23.2%
522 10 20 003	Medical/Dental	80,000.00	19,446.73	60,553.27	24.3%
522 10 20 004	Medicare	8,347.00	1,963.28	6,383.72	23.5%
522 10 20 005	PERS Retirement	14,118.00	3,472.38	10,645.62	24.6%
522 10 20 006	Social Security	0.00	0.00	0.00	0.0%
522 10 20 007	Unemployment Compensation	0.00	0.00	0.00	0.0%
522 10 31 001	Office and Operating Supplies	12,000.00	2,503.61	9,496.39	20.9%
522 10 31 002	Office Cleaning Supplies	4,000.00	904.71	3,095.29	22.6%
522 10 35 001	Computer Hardware	2,000.00	3,500.32	(1,500.32)	175.0%
522 10 35 002	Computer Software	1,500.00	237.81	1,262.19	15.9%
522 10 40 001	Elections	7,000.00	1,547.85	5,452.15	22.1%
522 10 40 002	Ground Water Property Tax	350.00	321.20	28.80	91.8%
522 10 40 003	State Audit	10,000.00	0.00	10,000.00	0.0%
522 10 40 004	Fire Suppression And Emergency Medical Services - Other Services And Charges	0.00	0.00	0.00	0.0%
522 10 41 001	Legal Services / Publications	20,000.00	188.50	19,811.50	0.9%
522 10 41 002	Misc Professional Services	10,000.00	3,106.22	6,893.78	31.1%
522 10 42 001	Postage	1,500.00	158.09	1,341.91	10.5%
522 10 43 001	Travel Lodging	3,500.00	0.00	3,500.00	0.0%
522 10 43 002	Travel Meals	2,000.00	240.00	1,760.00	12.0%
522 10 43 003	Travel Mileage	2,000.00	273.80	1,726.20	13.7%
522 10 43 004	Travel Registration / Fee	3,000.00	600.00	2,400.00	20.0%
522 10 46 001	Casualty & Liability Insurance	95,141.00	50.00	95,091.00	0.1%
522 10 47 001	Electricity	18,380.00	5,197.53	13,182.47	28.3%

2022 BUDGET POSITION

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:19:32 Date: 04/05/2022

Page: 3

001 General Fund 651.100

Months: 01 To: 03

Expenditures		Amt Budgeted	Expenditures	Remaining	
520 FIRE					
522 10 47 002	Garbage	4,120.00	890.50	3,229.50	21.6%
522 10 47 003	Natural Gas	6,556.00	4,375.17	2,180.83	66.7%
522 10 47 004	Sewer	3,157.00	589.20	2,567.80	18.7%
522 10 47 005	Telephone	13,390.00	1,858.50	11,531.50	13.9%
522 10 47 006	Water	4,120.00	1,155.41	2,964.59	28.0%
522 10 47 007	Wireless Communications	5,665.00	1,775.54	3,889.46	31.3%
522 10 47 008	Cable TV	2,163.00	495.86	1,667.14	22.9%
522 10 48 001	Computer Services	6,000.00	1,445.86	4,554.14	24.1%
522 10 49 001	Health & Wellness	8,000.00	1,232.18	6,767.82	15.4%
522 10 49 002	Memberships and Subscriptions	18,000.00	7,882.72	10,117.28	43.8%
210		993,515.00	211,245.05	782,269.95	21.3%
522 20 10 001	Training Officer	0.00	0.00	0.00	0.0%
522 20 10 002	FF/EMT Salaries & Wages	704,138.00	160,949.49	543,188.51	22.9%
522 20 10 003	Maintenance Technician	84,191.00	20,635.05	63,555.95	24.5%
522 20 10 004	Resident Interns	0.00	0.00	0.00	0.0%
522 20 10 005	Volunteer Incentive Program	25,000.00	2,500.00	22,500.00	10.0%
522 20 10 006	Volunteer Fire Mobilization Pay	0.00	0.00	0.00	0.0%
522 20 10 099	Timeloss Payments (Disability)	0.00	0.00	0.00	0.0%
522 20 20 001	Labor & Industry	63,732.00	6,468.75	57,263.25	10.1%
522 20 20 002	LEOFF Retirement	30,123.00	7,264.61	22,858.39	24.1%
522 20 20 003	Medical/Dental	126,186.00	33,324.09	92,861.91	26.4%
522 20 20 004	Medicare	11,431.00	2,669.26	8,761.74	23.4%
522 20 20 005	PERS Retirement	22,547.00	3,982.90	18,564.10	17.7%
522 20 20 006	Social Security	1,550.00	505.88	1,044.12	32.6%
522 20 20 007	Unemployment Compensation	0.00	0.00	0.00	0.0%
522 20 20 008	BVFF Volunteer Disability - Reimburseable	0.00	0.00	0.00	0.0%
522 20 20 099	Payroll Clearing	0.00	(1,094.56)	1,094.56	0.0%
522 20 31 001	Misc Supplies	5,000.00	693.99	4,306.01	13.9%
522 20 31 002	Uniforms / Gear Issue	10,000.00	1,410.34	8,589.66	14.1%
522 20 32 001	Fuel	10,000.00	3,404.30	6,595.70	34.0%
522 20 35 001	Vehicle Parts	12,000.00	2,045.76	9,954.24	17.0%
522 20 35 002	Misc Small Tools/Equip	2,500.00	546.18	1,953.82	21.8%
522 20 35 003	Radio Equipment	2,500.00	0.00	2,500.00	0.0%
522 20 40 001	Dispatch / Local Support Svcs	3,377.00	802.38	2,574.62	23.8%
522 20 46 001	Pension & Relief	3,000.00	1,885.20	1,114.80	62.8%
522 20 48 001	Radio Repair/Maintenance	2,000.00	77.16	1,922.84	3.9%
522 20 48 002	Small Equip. Repair/Maintenance	3,000.00	994.09	2,005.91	33.1%
522 20 48 003	Vehicle Repair/Maintenance	2,000.00	0.00	2,000.00	0.0%
522 20 49 001	Misc Services	20,000.00	291.87	19,708.13	1.5%
220		1,144,275.00	249,356.74	894,918.26	21.8%
522 30 31 001	Fire Investigation Supplies	400.00	0.00	400.00	0.0%
522 30 31 002	Public Education Supplies	1,500.00	218.33	1,281.67	14.6%
522 30 49 001	Newsletter	0.00	0.00	0.00	0.0%
230		1,900.00	218.33	1,681.67	11.5%
522 40 31 001	Misc Supplies	3,500.00	26.44	3,473.56	0.8%
522 40 43 001	Training Lodging	3,000.00	600.68	2,399.32	20.0%
522 40 43 002	Training Meals	3,000.00	1,394.09	1,605.91	46.5%

2022 BUDGET POSITION

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:19:32 Date: 04/05/2022

Page: 4

001 General Fund 651.100

Months: 01 To: 03

Expenditures		Amt Budgeted	Expenditures	Remaining	
520 FIRE					
522 40 43 003	Travel Mileage	500.00	299.17	200.83	59.8%
522 40 43 004	Travel Registration / Fee	20,000.00	270.00	19,730.00	1.4%
522 40 49 001	Resident Tuition	15,000.00	0.00	15,000.00	0.0%
522 40 49 002	Union Tuition	5,000.00	0.00	5,000.00	0.0%
240		50,000.00	2,590.38	47,409.62	5.2%
522 50 31 001	Building Maintenance Supplies	4,000.00	296.86	3,703.14	7.4%
522 50 49 001	Building Maintenance Services	7,000.00	1,956.74	5,043.26	28.0%
250		11,000.00	2,253.60	8,746.40	20.5%
526 10 10 001	EMS Coordinator	0.00	0.00	0.00	0.0%
526 10 10 002	FF/Paramedic Salaries & Wages	923,395.00	244,989.66	678,405.34	26.5%
526 10 10 003	Volunteer Reimbursement	20,000.00	1,577.00	18,423.00	7.9%
526 10 10 099	Timeloss Payments (Disability)	0.00	0.00	0.00	0.0%
526 10 20 001	Labor & Industry	60,060.00	10,330.14	49,729.86	17.2%
526 10 20 002	LEOFF Retirement	48,940.00	12,704.51	36,235.49	26.0%
526 10 20 003	Medical/Dental	120,532.00	29,519.35	91,012.65	24.5%
526 10 20 004	Medicare	13,389.00	3,575.20	9,813.80	26.7%
526 10 20 005	PERS Retirement	0.00	0.00	0.00	0.0%
526 10 20 006	Social Security	1,240.00	97.77	1,142.23	7.9%
526 10 20 007	Unemployment Compensation	0.00	0.00	0.00	0.0%
526 10 31 001	Office & Operating Supplies	0.00	0.00	0.00	0.0%
526 10 41 001	Biohazard Disposal	650.00	0.00	650.00	0.0%
526 10 41 002	Controlled Substances Disposal	1,000.00	0.00	1,000.00	0.0%
610		1,189,206.00	302,793.63	886,412.37	25.5%
526 40 30 001	Supplies	6,000.00	0.00	6,000.00	0.0%
526 40 43 001	Travel Lodging	2,000.00	1,025.81	974.19	51.3%
526 40 43 002	Travel Meals	5,000.00	44.89	4,955.11	0.9%
526 40 43 003	Travel Mileage	500.00	77.00	423.00	15.4%
526 40 43 004	Travel Registration Fee	14,000.00	690.00	13,310.00	4.9%
526 40 43 005	OTEP	0.00	0.00	0.00	0.0%
640		27,500.00	1,837.70	25,662.30	6.7%
526 70 41 001	Ambulance Billing Services	30,000.00	5,370.15	24,629.85	17.9%
526 70 41 002	GEMT Services	30,000.00	0.00	30,000.00	0.0%
526 70 49 001	Ambulance Payment Refunds	2,000.00	0.00	2,000.00	0.0%
670		62,000.00	5,370.15	56,629.85	8.7%
526 80 31 001	Medical & Operating Supplies	48,000.00	15,849.71	32,150.29	33.0%
526 80 32 001	Fuel	40,000.00	9,333.62	30,666.38	23.3%
526 80 35 001	Vehicle Parts	10,000.00	377.32	9,622.68	3.8%
526 80 35 002	Misc Small Tools/Equip	1,200.00	0.00	1,200.00	0.0%
526 80 48 001	Medical Equip. Repairs & Maintenance	3,168.00	877.29	2,290.71	27.7%
526 80 48 002	Radio Repairs & Maintenance	0.00	0.00	0.00	0.0%
526 80 48 003	Vehicle Repairs & Maintenance	2,000.00	0.00	2,000.00	0.0%
526 80 51 001	Dispatch / Local Support Svcs	29,374.00	6,979.10	22,394.90	23.8%
680		133,742.00	33,417.04	100,324.96	25.0%

2022 BUDGET POSITION

PACIFIC COUNTY FIRE DISTRICT 1

Time: 12:19:32 Date: 04/05/2022

Page: 5

001 General Fund 651.100

Months: 01 To: 03

Expenditures		Amt Budgeted	Expenditures	Remaining	
520 FIRE					
520 FIRE		3,613,138.00	809,082.62	2,804,055.38	22.4%
580 Non-Expenditures					
586 00 00 001	Timeloss Passthrough To Employee	0.00	0.00	0.00	0.0%
586 00 20 003	Timeloss Passthrough - Personnel Benefits	0.00	0.00	0.00	0.0%
580 Non-Expenditures		0.00	0.00	0.00	0.0%
591 22 71 001	Principal	51,500.00	0.00	51,500.00	0.0%
592 22 83 001	Interest	1,288.00	633.02	654.98	49.1%
594 22 60 001	Buildings	740,000.00	8,948.92	731,051.08	1.2%
594 22 60 002	Communication Equipment	5,100.00	0.00	5,100.00	0.0%
594 22 60 003	Office Equipment	6,000.00	5,401.81	598.19	90.0%
594 22 60 004	Equipment & Turnout Gear	32,726.00	1,820.12	30,905.88	5.6%
594 22 60 005	Fire Hose	5,000.00	0.00	5,000.00	0.0%
594 22 60 006	Misc Equipment	27,000.00	36,752.93	(9,752.93)	136.1%
594 22 60 007	SCBA Firefighting Equipment	0.00	0.00	0.00	0.0%
594 22 60 008	Engines	475,000.00	10,146.00	464,854.00	2.1%
594 26 60 001	Ambulance/Rechassis	0.00	0.00	0.00	0.0%
594 26 60 002	Misc Medical Equipment	98,000.00	50,164.65	47,835.35	51.2%
590		1,441,614.00	113,867.45	1,327,746.55	7.9%
Fund Expenditures:		5,054,752.00	922,950.07	4,131,801.93	18.3%
Fund Excess/(Deficit):		(1,093,902.00)	(195,851.69)		

2022 BUDGET POSITION TOTALS

PACIFIC COUNTY FIRE DISTRICT 1

Months: 01 To: 03

Time: 12:19:32

Date: 04/05/2022

Page: 6

Fund	Revenue Budgeted	Received		Expense Budgeted	Spent	
001 General Fund 651.100	3,960,850.00	727,098.38	18.4%	5,054,752.00	922,950.07	18%
	3,960,850.00	727,098.38	18.4%	5,054,752.00	922,950.07	18.3%

2022

	REVENUE TAX COLLECTIONS				EXPENDITURES			
MONTH	FIRE/EMS	AMBULANCE BILLING	MISC REVENUE	REVENUE MONTHLY	DATE	VOUCHER TOTAL	VOUCHER MONTHLY	CASH BALANCE
Beginning Balance								\$ 2,774,238.18
Rainy Day Fund Begin								\$ 1,751,000.00
Capital Fund Begin								\$ -
JANUARY	\$ 11,561.42	\$ 30,770.68	\$ 4,574.77		01/01/22	\$ (32,575.58)		\$ 1,023,238.18
ACTUAL				\$ 46,906.87	01/18/22	\$ (248,593.53)		
					01/25/22	\$ (43,251.50)	\$ (324,420.61)	\$ 745,724.44
FEBRUARY	\$ 274,875.25	\$ 34,151.26	\$ 5,426.82		02/15/22	\$ (22,442.98)		
ACTUAL				\$ 314,453.33	02/24/22	\$ (261,484.63)	\$ (283,937.61)	\$ 776,240.16
MARCH	\$ 262,111.69	\$ 80,977.47	\$ 22,649.02		03/19/22	\$ (253,095.92)		
ACTUAL				\$ 365,738.18	GO BOND INTEREST	\$ (633.02)		
					03/23/22	\$ (60,862.91)	\$ (314,591.85)	\$ 827,386.49
APRIL	\$ 998,621.00	\$ 55,000.00			04/30/22	\$ (209,936.33)		
ESTIMATED				\$ 1,053,621.00		\$ (209,936.33)	\$ (209,936.33)	\$ 1,671,071.16
MAY	\$ 397,769.00	\$ 55,000.00			05/30/22	\$ (209,936.33)		
ESTIMATED				\$ 452,769.00		\$ (209,936.33)	\$ (209,936.33)	\$ 1,913,903.83
JUNE	\$ 40,119.00	\$ 55,000.00			06/30/22	\$ (209,936.34)		
ESTIMATED				\$ 95,119.00	CAPTIAL	\$ (347,206.50)	\$ (557,142.84)	\$ 1,451,879.99
JULY	\$ 19,593.00	\$ 55,000.00			07/31/22	\$ (209,936.33)		
ESTIMATED				\$ 74,593.00		\$ (209,936.33)	\$ (209,936.33)	\$ 1,316,536.66
AUGUST	\$ 32,344.00	\$ 55,000.00			8/31/2022	\$ (209,936.33)		
ESTIMATED				\$ 87,344.00		\$ (209,936.33)	\$ (209,936.33)	\$ 1,193,944.33
SEPTEMBER	\$ 66,865.00	\$ 55,000.00			09/30/22	\$ (209,936.34)		
ESTIMATED				\$ 121,865.00	GO BOND	\$ (52,144.00)		
					CAPTIAL	\$ (347,206.50)	\$ (609,286.84)	\$ 708,522.49
OCTOBER	\$ 725,563.00	\$ 55,000.00			10/31/22	\$ (209,936.33)		
ESTIMATED				\$ 780,563.00		\$ (209,936.33)	\$ (209,936.33)	\$ 1,277,149.16
NOVEMBER	\$ 291,407.00	\$ 55,000.00			11/30/22	\$ (209,936.33)		
ESTIMATED				\$ 346,407.00		\$ (209,936.33)	\$ (209,936.33)	\$ 1,413,619.83
DECEMBER	\$ 22,703.00	\$ 55,000.00			12/31/22	\$ (209,936.34)		
ESTIMATED				\$ 77,703.00	CAPITAL	\$ (347,206.50)	\$ (557,142.84)	\$ 934,179.99
Rainy Day Fund End								\$ 1,751,000.00
Capital Fund End								\$ -
Ending Balance								\$ 2,686,179.99

TOTAL TAX BUDGETED
FIRE TAX BUDGETED
EMS TAX BUDGETED

17.64%

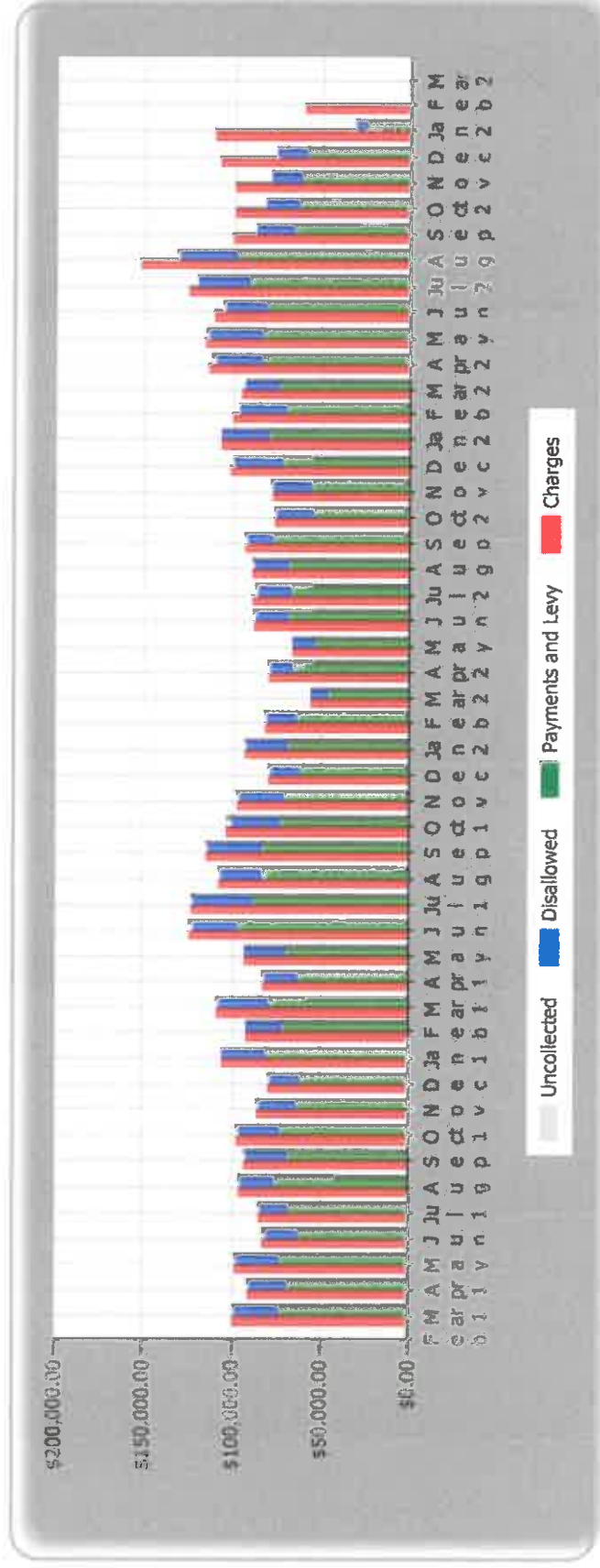
ANNUAL COLLECTION STATISTICS

Date Of Service	03/01/2018
Date Of Service	03/31/2022
Invoices	0
Company	Pacific 1

Month	Tickets	Charges	Payments	%	Levy Fund	%	Disallowed	%	Uncollected	%	Pending	%
Mar 18	116	99,312.14	-65,843.32	66%	-7,173.65	7%	-25,560.17	26%	-735.00	1%	0.00	0%
Apr 18	109	91,782.17	-60,759.39	66%	-8,078.76	9%	-21,129.02	23%	-1,815.00	2%	0.00	0%
May 18	111	98,685.30	-68,296.90	69%	-4,773.69	5%	-24,779.36	25%	-835.35	1%	0.00	0%
Jun 18	112	83,033.46	-53,916.64	65%	-8,810.91	11%	-18,485.07	22%	-1,820.84	2%	0.00	0%
Jul 18	104	85,101.46	-55,738.87	65%	-11,750.05	14%	-16,960.66	20%	-751.88	1%	0.00	0%
Aug 18	120	96,918.03	-65,196.31	67%	-10,094.03	10%	-21,284.37	22%	-343.32	0%	0.00	0%
Sep 18	118	93,411.82	-66,182.48	71%	-2,305.93	2%	-24,402.03	26%	-521.38	1%	0.00	0%
Oct 18	124	98,006.68	-67,022.08	68%	-5,664.75	6%	-24,567.97	25%	-751.88	1%	0.00	0%
Nov 18	102	86,382.77	-55,894.93	65%	-7,589.22	9%	-21,612.86	25%	-642.88	1%	642.88	1%
Dec 18	105	79,624.53	-55,575.26	70%	-5,731.62	7%	-17,188.65	22%	-1,129.00	1%	0.00	0%
Jan 19	127	105,453.02	-74,129.76	70%	-6,325.85	6%	-24,997.41	24%	0.00	0%	0.00	0%
Feb 19	116	92,797.35	-61,474.71	66%	-10,424.84	11%	-20,897.80	23%	0.00	0%	0.00	0%
Mar 19	139	108,698.58	-70,738.25	65%	-8,290.32	8%	-29,024.64	27%	-645.37	1%	0.00	0%
Apr 19	108	83,020.36	-53,673.83	65%	-8,964.20	11%	-20,022.30	24%	-360.03	0%	0.00	0%
May 19	120	93,304.03	-58,985.45	63%	-10,078.57	11%	-24,240.01	26%	0.00	0%	0.00	0%
Jun 19	152	123,982.78	-85,781.27	69%	-10,308.81	8%	-25,971.27	21%	-1,921.43	2%	0.00	0%
Jul 19	126	123,749.13	-81,716.90	66%	-6,659.82	5%	-35,027.54	28%	-344.87	0%	0.00	0%
Aug 19	120	107,770.57	-73,802.60	68%	-9,352.40	9%	-23,970.44	22%	-645.13	1%	0.00	0%
Sep 19	117	115,322.13	-75,478.04	65%	-8,029.94	7%	-31,195.02	27%	-619.13	1%	0.00	0%
Oct 19	113	103,249.97	-66,019.51	64%	-7,107.73	7%	-27,525.60	27%	-2,597.13	3%	0.00	0%
Nov 19	108	97,584.12	-61,154.39	63%	-8,937.62	9%	-26,804.23	27%	-687.88	1%	0.00	0%
Dec 19	94	79,759.24	-53,902.25	68%	-7,464.02	9%	-17,776.09	22%	-616.88	1%	0.00	0%
Jan 20	98	93,462.19	-59,656.30	64%	-8,848.14	9%	-24,269.87	26%	-687.88	1%	0.00	0%
Feb 20	91	82,350.92	-56,242.34	71%	-5,200.34	6%	-18,245.11	22%	-663.13	1%	0.00	0%
Mar 20	71	56,056.90	-39,587.56	71%	-6,396.69	11%	-10,072.65	18%	0.00	0%	0.00	0%
Apr 20	95	79,943.86	-58,405.72	73%	-6,460.06	8%	-14,941.75	19%	-136.33	0%	0.00	0%
May 20	79	66,058.36	-47,914.94	73%	-4,787.67	7%	-13,355.75	20%	0.00	0%	0.00	0%
Jun 20	96	88,000.10	-61,860.57	70%	-6,811.44	8%	-19,253.09	22%	-75.00	0%	0.00	0%
Jul 20	103	89,029.03	-60,301.50	68%	-5,654.38	6%	-20,427.52	23%	-751.88	1%	1,893.75	2%
Aug 20	99	89,357.24	-64,846.60	73%	-3,268.44	4%	-20,749.59	23%	-492.61	1%	0.00	0%
Sep 20	103	93,813.15	-70,846.60	76%	-5,456.66	6%	-16,665.01	18%	-844.88	1%	0.00	0%
Oct 20	79	76,395.05	-51,886.49	68%	-2,301.84	3%	-21,530.67	28%	-876.05	1%	0.00	0%
Nov 20	82	78,224.94	-52,781.23	67%	-2,698.53	3%	-22,219.98	28%	-1,025.20	1%	-500.00	-1%
Dec 20	104	101,289.58	-66,573.53	66%	-4,638.40	5%	-28,488.02	28%	0.00	0%	1,589.63	2%
Jan 21	112	107,020.21	-72,125.07	67%	-7,429.36	7%	-27,465.78	26%	0.00	0%	0.00	0%
Feb 21	98	101,027.70	-61,864.67	61%	-7,415.70	7%	-27,392.33	27%	0.00	0%	0.00	0%
Mar 21	110	95,825.37	-65,809.92	69%	-7,681.06	8%	-19,525.76	20%	0.00	0%	4,355.00	4%
Apr 21	120	113,706.08	-76,104.60	67%	-6,373.76	6%	-27,466.22	24%	-2,266.75	2%	2,808.63	3%
May 21	116	115,826.10	-75,001.19	65%	-7,767.51	7%	-31,370.57	27%	-635.00	1%	1,494.75	1%
Jun 21	114	111,087.13	-74,903.36	67%	-5,904.77	5%	-24,831.93	22%	-137.16	0%	1,051.83	1%
Jul 21	134	125,376.02	-85,551.50	68%	-4,614.67	4%	-30,182.80	24%	-137.16	0%	5,309.91	5%
Aug 21	161	151,927.90	-92,738.25	61%	-5,233.91	3%	-32,776.94	22%	0.00	0%	20,563.02	14%
Sep 21	108	100,184.88	-61,402.08	61%	-4,035.56	4%	-22,215.59	22%	0.00	0%	12,531.65	13%

Oct 21	112	99,145.52	-60,386.19	61 %	-2,394.48	2 %	-19,105.01	19 %	0.00	0 %	17,259.84	17 %
Nov 21	111	99,780.14	-56,663.69	57 %	-4,849.90	5 %	-17,636.34	18 %	0.00	0 %	20,630.21	21 %
Dec 21	120	108,135.44	-57,816.20	53 %	-85.38	0 %	-17,760.68	16 %	0.00	0 %	32,473.18	30 %
Jan 22	111	110,949.64	-24,392.21	22 %	0.00	0 %	-6,377.05	6 %	0.00	0 %	80,180.38	72 %
Feb 22	63	59,963.48	0.00	0 %	0.00	0 %	0.00	0 %	0.00	0 %	59,963.48	100 %
Mar 22	1	935.00	0.00	0 %	0.00	0 %	0.00	0 %	0.00	0 %	935.00	100 %
5,252		4,641,821.57	-2,988,745.45		-300,225.38		-1,057,648.52		-26,992.03		268,210.19	

All amounts shown relate directly to each month's charges. They will not reconcile to monthly deposit reports



[REDACTED]

From: Jacob Brundage
Sent: Wednesday, March 30, 2022 9:01 AM
To: [REDACTED]
Subject: FW: Surplus Property

From: Jeff Archer <firechief@ilwaco-wa.gov>
Sent: Wednesday, March 30, 2022 7:23 AM
To: Jacob Brundage <brundage@pcfd1.org>
Subject: Surplus Property

Chief Brundage,

As you know, Ilwaco Fire Department is a BLS transport licensed service through the Washington State Department of Health, it has been for several decades to my understanding. Currently the Ilwaco Fire Department utilizes their ambulance as a second response transport unit on a as needed bases. The Ilwaco Fire Department also maintains active membership in our local South Pacific County EMS and Trauma Care Council. Part of our participation in the EMS Council is involvement with planning, training and executing the MCI Plan which includes BLS ambulance transport from the Ilwaco Fire Department. As I'm sure you know, the Ilwaco Fire Department has a slim operating budget and is volunteer based. The current ambulance in service was purchased from PCFD #1, surplus, after being deemed to be at the "end of its life." As a neighboring agency that is mutually responsible for providing public safety to our communities I am seeking first considerations for the current surplussed ambulance of PCFD #1.

Most Respectfully,

Jeff Archer

Fire Chief / Paramedic
He/His/Him
City of Ilwaco
P.O. Box 548
Ilwaco, WA 98624
C:360.518.7814
O:360.642.3188

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**COMMISSIONER'S MEETING
AGENDA ITEM INFORMATION**

MEETING DATE: 4/19/2022	
AGENDA ITEM (to be completed by the office):	OLD BUSINESS #1
SUBJECT: TOWING SIGNAGE AT STATION 21-2	
REQUESTOR: AC WEATHERBY	
COST (including tax):	
SUMMARY: We contacted Brian Snure regarding posting signage at Station 21-2 to deter squatters. See attached email.	
RECOMMENDATION:	

[REDACTED]

From: Brian Snure <Brian@snurelaw.com>
Sent: Friday, March 11, 2022 11:42 AM
To: [REDACTED]
Subject: Re: Pacific County FD#1 - Property Signage

Jamie,

I think that if you contract with a local towing company they can provide you with proper notices that would allow you to remove improperly parked vehicles in accordance with the rules set forth in Chapter 46.55 RCW.

Here are the posting requirements and most tow companies should be able to assist you with getting proper posting completed.

If you are looking for something else, please advise.

RCW 46.55.070

Posting requirements—Exception.

(1) No person may impound, tow, or otherwise disturb any unauthorized vehicle standing on nonresidential private property or in a public parking facility for less than twenty-four hours unless a sign is posted near each entrance and on the property in a clearly conspicuous and visible location to all who park on such property that clearly indicates:

- (a) The times a vehicle may be impounded as an unauthorized vehicle; and
- (b) The name, telephone number, and address of the towing firm where the vehicle may be redeemed.

(2) The requirements of subsection (1) of this section do not apply to residential property. Any person having charge of such property may have an unauthorized vehicle impounded immediately upon giving written authorization.

(3) The department shall adopt rules relating to the size of the sign required by subsection (1) of this section, its lettering, placement, and the number required.

(4) This section applies to all new signs erected after July 1, 1986. All other signs must meet these requirements by July 1, 1989.

—
Sincerely,

Brian Snure
Snure Law Office, PSC
612 S. 227th St.
Des Moines, WA 98198
Phone: 206-824-5630
Toll Free: 800-486-9484
Cell: 206-276-8742

Email: Brian@snurelaw.com

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On Mar 10, 2022, at 4:58 PM, Jamie [REDACTED] jamie@pcfd1.org wrote:

Hi Brian,

We recently had someone park their truck and trailer on one of our properties. We went through the process of trespassing them, and after being cited by the Sheriff's Office, the individual finally moved along.

The situation was discussed at our last Board meeting, and the Board wanted me to reach out to you to see what rights we have regarding people squatting on our property and what kind of signage would be appropriate to post.

Sincerely,

[REDACTED]
District Secretary/Finance Officer

Pacific County Fire District #1

PO Box 890

26110 Ridge Ave

Ocean Park, WA 98640

P: (360) 665-4451

F: (360) 665-4909

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**COMMISSIONER'S MEETING
AGENDA ITEM INFORMATION**

MEETING DATE: 4/19/2022	
AGENDA ITEM (to be completed by the office):	NEW BUSINESS #1
SUBJECT: PACIFIC COUNTY HAZARD MITIGATION PLAN ADOPTION	
REQUESTOR:	
COST (including tax):	
SUMMARY:	
RECOMMENDATION:	

[REDACTED]

From: Jacob Brundage
Sent: Thursday, April 14, 2022 11:58 AM
To: [REDACTED]
Subject: FW: PCEMA Hazard Mitigation Plan Adoption
Attachments: Hazard Mitigation Plan Adoption Sample Resolution Fire Protection District 1.docx; 2022 Approval and Adoption Request Memo.pdf

Jamie,

This needs to be on the Board agenda for approval

From: Marcelina Medina <mmedina@co.pacific.wa.us>
Sent: Wednesday, March 30, 2022 1:07 PM
To: Jacob Brundage <brundage@pcfd1.org>
Subject: PCEMA Hazard Mitigation Plan Adoption

Jacob, attached is the Hazard Mitigation Plan Adoption sample which FEMA requires in order in order to approve the plan, which Director McDougall explains in the email below and in the attached memo. If you have any questions, please contact Director McDougall.

Marcelina Medina

PCSO Evidence Clerk & PCEMA Administrative Assistant
(360)875-9395 Ext. 2183
(360)875-9336
mmedina@co.pacific.wa.us

Pacific County is an equal opportunity provider, and employer.

From: Scott McDougall
Sent: Wednesday, March 30, 2022 9:44 AM
To: Marcelina Medina <mmedina@co.pacific.wa.us>
Subject:

The 2022 Pacific County Hazard Mitigation Plan update has been "Approved Pending Adoption" by the Federal Emergency Management Agency (FEMA). The updated plan must now be adopted by all of the participating jurisdictions. The plan cannot be edited at this point and must be adopted as approved by FEMA. You may download the plan here:

<https://www.pacificcountysheriff.com/plans.htmlhttps://www.pacificcountysheriff.com/plans.html>

The plan must be adopted prior to any of the participating entities receiving Robert T. Stafford Disaster Relief and Emergency Assistance Act's hazard mitigation grants and Flood Mitigation Assistance projects as funding becomes available. Several agencies that participated in the mitigation planning effort have expressed interest in recent announcements of funding and are considering submitting a Letter of Intent. We have coordinated that with Washington State EMD and Letters of Intent that may have already been submitted remain valid pending adoption by resolution of the 2022 Pacific County Hazard Mitigation Plan. It is important that all agencies follow through with adoption by resolution in order to be eligible for this and future funding.

I have attached sample resolution form to this email. The form contain the language FEMA requires for adoption but each agency may otherwise edit to fit the needs of your jurisdiction. As soon as the resolution has been adopted please forward an original completed resolution to me for inclusion in the final plan. All resolutions must be returned no later than April 30, 2022.

Please feel free to contact me at (360) 875 or 642-9338, or at smcdougall@co.pacific.wa.us with any questions.

Scott McDougall, NEMAA

KG7NNP

Director

Pacific County Emergency Management Agency

PO Box 27, South Bend, WA 98586

360-875-9338 Office ~ 360-214-1046 Cell

Text follow PCEOCNews to 40404 to receive mobile updates from the Pacific County EOC during disasters.

"Do all the good you can, in all the ways you can, to all the souls you can, in every place you can, at all the times you can, with all the zeal you can, as long as ever you can." John Wesley

This email was scanned by Bitdefender



PACIFIC COUNTY SHERIFF'S OFFICE

Sheriff Robin Souvenir

300 Memorial Drive, P.O. Box 27, South Bend, WA 98586 | Phone 360.875.9395 | Fax 360.875.9393

MEMORANDUM

To: All Hazard Mitigation Plan Stakeholders

From: Scott McDougall, Director
Pacific County Emergency Management Agency

Date: March 30, 2022

Re: Hazard Mitigation Plan Adoption

The 2022 Pacific County Hazard Mitigation Plan update has been "Approved Pending Adoption" by the Federal Emergency Management Agency (FEMA). The updated plan must now be adopted by all of the participating jurisdictions. The plan cannot be edited at this point and must be adopted as approved by FEMA. You may download the plan here:

<https://www.pacificcountysheriff.com/plans.html>

The plan must be adopted prior to any of the participating entities receiving Robert T. Stafford Disaster Relief and Emergency Assistance Act's hazard mitigation grants and Flood Mitigation Assistance projects as funding becomes available. Several agencies that participated in the mitigation planning effort have expressed interest in recent announcements of funding and are considering submitting a Letter of Intent. We have coordinated that with Washington State EMD and Letters of Intent that may have already been submitted remain valid pending adoption by resolution of the 2022 Pacific County Hazard Mitigation Plan. It is important that all agencies follow through with adoption by resolution in order to be eligible for this and future funding.

I have attached sample resolution forms for each jurisdiction to this email. The forms contain the language FEMA requires for adoption but each agency may otherwise edit to fit the needs of your jurisdiction. As soon as the resolution has been adopted please forward an original completed resolution to me for inclusion in the final plan. All resolutions must be returned no later than April 30, 2022.

Please feel free to contact me at (360) 875 or 642-9338, or at smcdougall@co.pacific.wa.us with any questions.



Pacific County Fire District No. 1 **RESOLUTION 2022-04**

PACIFIC COUNTY HAZARD MITIGATION PLAN ADOPTION

At a meeting of the Board of Commissioners of Pacific County Fire Protection District #1, held April 19, 2022.

Resolution of the Board of Commissioners of Pacific County Fire Protection District #1; Adopting the finalized Pacific County Hazard Mitigation Plan; Providing and effective date; and for other purposes:

WHEREAS, the participating jurisdictions of Pacific County have worked together to develop a strategy known as the Pacific County Hazard Mitigation Plan to improve disaster resistance in the planning area; AND

WHEREAS, the Federal Disaster Mitigation Act of 2000 (DMA2000) pursuant 44 CFR Part 201 and the Federal Emergency Management Agency (FEMA) require communities to adopt an approved hazard mitigation plan in order to be eligible to receive pre-disaster and post disaster federal funding for mitigation purposes; AND

WHEREAS, the participating jurisdiction has participated in the hazard mitigation plan by the formation of a Mitigation Planning Committee (MPC); AND

WHEREAS, the MPC recommends the formal adoption of the Pacific County Hazard Mitigation Plan by the passing of this resolution.

Therefore, be it resolved by the Board of Commissioners of Pacific County Fire Protection District #1

THAT:

Section 1: The participating stakeholder hereby approves and adopts the hazard mitigation plan in its entirety with projects as adopted by the MPC; AND agree to be governed by the Hazard Mitigation Plan attached hereto and incorporated.

Section 2: The participating stakeholder authorizes the appropriate participating officials to pursue funding opportunities for implementation of proposals designated therein; AND will upon receipt of such funding or other necessary resources, seek to implement the actions contained in the hazard mitigation plan.

Section 3: The participating jurisdiction will continue to cooperate and participate in the hazard mitigation planning process, holding regular meetings, including reporting of progress as required by FEMA, the Washington Military Department Emergency Management Division and the MPC.

ADOPTED at a regular meeting of the Board of Commissioners of Pacific County Fire District 1 on April 19, 2022, the following Commissioners being present and voting.

Fred H. Hill, Commissioner

Thomas L. Downer, Commissioner

Dennis A. Long, Commissioner

Attest: _____
District Secretary



**COMMISSIONER'S MEETING
AGENDA ITEM INFORMATION**

MEETING DATE: 4/19/2022	
AGENDA ITEM (to be completed by the office):	NEW BUSINESS #2
SUBJECT: FACILITY STUDY PROPOSALS	
REQUESTOR:	
COST (including tax):	
SUMMARY:	
RECOMMENDATION:	

MACKENZIE.



FIRE STATION 21-1 COMBINED FACILITY STUDY

Pacific County Fire District #1

March 25, 2022

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CONTENTS

Company Overview 1

Related Experience 2

Project Understanding and Approach 6

Resumes 10



For more information, please contact:

Jeff Rhys Humphreys, AIA, CSI, GGP, LEED AP BD+C, CPTED
Director of Architecture | Principal-in-Charge
jhumphreys@mcknze.com
503.224.9560 or 971.346.3769 (cell)

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MACKENZIE.

March 25, 2022

Pacific County Fire District #1
Station Feasibility Study
PO Box 890
Ocean Park, WA 98640

Re: RFP Response — Fire Station 21-2 Combined Facility Study

Dear Chief Brundage and Assistant Chief Weatherby:

On behalf of Mackenzie, I am excited to submit our qualifications for professional design services. We have prepared this proposal in response to the Request for Proposals, highlighting our relevant experience, team, and approach for the project. Mackenzie brings an unmatched focus on realizing our client's goals, and we have a reputation for delivering emergency response facilities that meet the operational needs of the agency and community, on schedule and within budget. This focus is reflected in our selected team of individuals, which offers Pacific County Fire District #1:

Expertise in Fire Station Design: Our team has specialized experience assessing, designing, and developing fire stations. We have a proven process that builds consensus while developing the design, ensuring that Pacific County Fire District #1 and community all understand the project needs and are invested in the process and proud of the facility.

Coastal Experience: Mackenzie's experience is rooted in the Pacific Northwest where we ourselves live and work. We pride ourselves in understanding the specific nuances associated to our diverse climate. Our coastal experience further affords us the experience necessary to properly plan, design and specify appropriate solutions. We have a host of built projects we're proud to draw from.

Integrated Design: As an integrated design firm, Mackenzie approaches every design problem for our clients through a holistic lens of architects, engineers and planners. Our in-house expertise brings a one stop shop option and allows us the ability to seamlessly interweave our design professionals into projects as needed. Particularly important to multiple site due diligence studies, our integrated structure allows us to bring to bear traffic engineering, civil engineering and land use planning alongside our architects as needed depending on the unique aspects of each site.

Our project references are:

- Shawn Newberry, Assistant Chief, Clark County Fire District 6, P: 360.576.1195, C: 360.566.7278, shawn.newberry@ccfd6.org
- Mike McCafferty, Chief, Parkdale Fire, P: 541.352.6092 C: 541.387.5609, E: mike@parkdalefire.com
- Hank Teran, Chief, Bainbridge Island Fire, P: 206.842.7686, E: hteran@bifd.org
- Dale Jorgensen, Police Chief, Lake Oswego, P: 503.635.0247, E: djorgensen@ci.oswego.or.us
- Doug Koellermeier, Deputy Chief, Vancouver Fire, P: 360.487.8319, E: doug.koellermeier@cityofvancouver.us

We believe that we are uniquely qualified to meet the operational needs of Pacific County Fire District #1's goals and the aspirations of the community. I am authorized to represent Mackenzie in any negotiations.

Thank you for your time and consideration for this opportunity.

On behalf of the Mackenzie team,



Jeff Rhys Humphreys, AIA, CSI, GGP, LEED AP BD+C, CPTED
Director of Architecture | Principal-in-Charge

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COMPANY OVERVIEW

Firm

Mackenzie is a design firm for the built environment. Over the past 61 years in business, Mackenzie's services have evolved, and the firm now offers specialized services across a range of disciplines, including **architecture, interior design, structural, civil and traffic engineering, land use and transportation planning, and landscape architecture.**

Mackenzie's integrated design approach masterfully navigates the entirety of a project, from studies and assessments to technical challenges and innovative solutions. Collaborative partnerships are integral to Mackenzie's approach.

The firm proudly advocates for its clients to ensure every project achieves its goals and is delivered with the highest level of service. Mackenzie is in Seattle and Vancouver, Washington, and Portland, Oregon. For more information, visit www.mcknze.com.

Corporate History and Ownership

Mackenzie is an employee-owned C corporation, founded in 1960 by Tom Mackenzie; in 1977 with the addition of architect Rick Saito it became Mackenzie/Saito & Associates; and in 1996 the firm changed from Mackenzie Saito & Associates and Mackenzie Engineering Inc. to Group Mackenzie. In 2004, the company opened offices in Seattle and Vancouver, Washington. In 2013, the firm underwent a carefully considered process of rebranding, and emerged, proudly, as Mackenzie.

Our team has designated Adrienne Linton as the project manager. Adrienne will be the main point of contact. Jeff Humphreys will be the Principal-in-Charge.



MACKENZIE AT A GLANCE

- Established in Portland, Oregon in 1960
- Offices in Vancouver and Seattle, Washington, and Portland, Oregon

Services

- Architecture
- Interiors
- Structural, Civil, & Traffic Engineering
- Land Use & Transportation Planning
- Landscape Architecture

RELATED EXPERIENCE

Fire Station Project Experience

Over the past 19 years, our firm has worked on over 80 fire station related projects ranging from seismic studies of existing stations to design of new fire stations. We have assisted districts and municipalities with the planning, design, and community outreach process of new stations, as well as remodeling of existing stations. This includes providing architecture and interior design; civil, structural and traffic engineering; and land use planning services on the projects.

Our public projects team has additionally provided services for more than 145 public building projects, including more than 80 fire projects, 45 law enforcement projects, and 20 government office/city hall projects. This level of experience gives our firm a clear understanding of how to best maximize scope within the funding restrictions public projects often face.

From needs assessments and pre-bond support through construction documents and contract administration, our firm has extensive experience in the planning and design of civic facilities ranging from a 4,000 SF fire station to a 70,000 SF combined city hall, police facility, and community centers.

Mackenzie has a wide breadth of project experience in the coastal Pacific Northwest. Our coastal experience includes: Siletz Fire Station 52 Renovation & Seismic Upgrade, Depoe Bay Station 5200 Renovation & Seismic Upgrade, NLFR Bob Everest Remodel and Upgrade, North Lincoln Fire and Rescue Station 1400, Astoria City Hall Renovation, and Clatsop County Public Works.



Bainbridge Fire 21 & 22

This station—which will serve Bainbridge Island for decades to come—is the product of extensive collaboration with the department & community.

Location: Bainbridge Island, WA

Type: New Construction | **Delivery:** Design-bid-build

Services: Needs assessment | Site selection | Public outreach | Bond campaign assistance | Prototype station | Full design | Construction contract administration

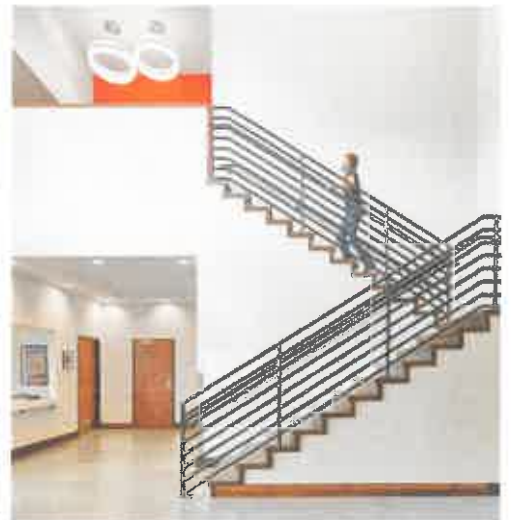
Facility: Headquarters station | **Staff:** Combination

Size: 28,350 SF

Reference: Chief Hank Teran | 206.842.7686
hteran@bifd.org

Design Drivers:

- Mackenzie executed a space needs assessment outlining requirements and costs of several potential options, including expansion and alternate sites.
- Following the needs assessment, Mackenzie provided support for the Fire Department's successful general obligation bond effort.
- Construction was carefully planned so the existing station could remain continuously operational.
- The station was designed in tandem with Station 22, but constructed first in a phased delivery strategy.



Vancouver Fire Stations 1, 2, & 11

Mackenzie assessed the needs of the City of Vancouver Fire Department's stations, and subsequently designed and delivered these stations.

Location: Vancouver, WA

Type: New Construction **Delivery:** Design-bid-build

Services: Needs assessment | Site selection | Public outreach | Bond campaign assistance | Prototype station | Full design | Construction contract administration

Facility: Satellite station | **Staff:** Combination

Size: Station 1—12,700 SF (complete); Station 2—15,000 SF (complete); Station 11—15,050 (in construction)

Contact: Deputy Chief Doug Koellermeier, 360.487.8319, doug.koellermeier@cityofvancouver.us



Station Design Awards: Silver Award for Career 2 Fire Station

Design Drivers:

- The design and delivery of these stations began with a broad, in-depth facility condition assessment of 10 stations in Vancouver, analyzed capacity and community needs, and determined whether to refurbish, replace, or relocate facilities.
- The design team's development strategy enforced consistency between facilities, and supported shared operational, growth, and maintenance goals.
- The team worked with the Fire Department and community stakeholders to design stations that integrate well into their respective individual contexts.



Clark County Fire District 6—Station 63

Needs assessment and new replacement Station 63 with training facility as well as the remodel and seismic upgrades for Stations 62 and 61.

Location: Vancouver, WA

Type: New Construction

Delivery: Design-Bid-Build

Services: Full design and construction contract administration

Facility: Satellite Station Staff: Career

Size: 17,631 SF

Contact: Assistant Chief Shawn Newberry
shawn.newberry@ccfd6.org | Office: 360.576.1195 Mobile: 360.566.7278

Design Drivers:

- Design a station with phasing that enabled the existing station to remain operational during construction.
- Develop a facility that incorporated a fire station for emergency response and associated training facility to accommodate training staff, training facilities, grounds with burn building/training tower and specific training props for CCFD6 personnel training.
- Develop a facility that fits into the context of the transitioning commercial zoning of the neighborhood.



PROJECT UNDERSTANDING AND APPROACH

Our understanding is that Pacific County Fire desires to hire a team to provide a Fire Station Site and Facility Feasibility Study for Pacific County Fire District #1. The intent of the study is to allow the fire district to identify minimum property size requirements so that a new station, combining the current facilities, can be built to serve the needs of the community for the next fifty years. In addition to determining the minimum property size, the study will evaluate (6) selected properties for availability and zoning limitations, particularly related to utilities and property setbacks.

Pacific County Fire District 1 currently responds out of multiple stations accommodating 7.5 administrative staff, 18 career firefighters and 32 volunteers. The fire district fleet to be accommodated includes Command Vehicles, ALS ambulances, BLS rescues, Engines, Tenders, Brush Engines, Aerial, Rehab, Maintenance, Special Operations Trailer, and a utility vehicle. We understand that there are three primary buildings on three separate properties for station 21-1: the Main Station, Administration Office, and the Maintenance Annex. These buildings serve various needs such as training and education, administration, maintenance, and community risk reduction public education.

A large meeting space accommodating groups up to 75 people for training, education, and community meetings would need to be included in the plan for the new consolidated station. In addition to community meetings, we understand the consolidated fire station will also need to include space for the Administration Division, Maintenance Division, the Community Risk Reduction Public Education division, and all spaces associated with those divisions. Parking for the new station will need to accommodate the public parking for anticipated events as well as a secure parking lot for Pacific County Fire District 1 employees.

The work product from this initial task will be developed as a needs assessment that defines recommendations for facility and lot size, and conceptually test fits each of the six (6) selected properties for consolidation of services. Our integrated design structure will allow us to align traffic or civil engineering with particular site investigation needs as required. While not identified as a scope of work, we recommend consideration of professional cost estimating as an included service. Budgeting and cost projections serve an integral part of guiding public project planning and aiding in evaluation and decision making surrounding the highest and best use options.

Schedule

Project management and schedule adherence is a fundamental aspect to the success of any project and something Mackenzie takes very seriously. We work closely with our clients to understand, establish and

meet the needs and goals of both the project and stakeholders. Based on our recommended approach, the following preliminary schedule reflects execution of the included steps within Phase 1 of your project.



Phase 1: Needs Assessment

Key Activities and Milestones

1. Project Kick-Off

Duration: 1 week

Number of Meetings: 1

Data for District 1 to Gather: Any available information for existing buildings, any past studies or reports and data related to selected properties.

The project kickoff will provide a foundation for design development and guiding principles for decision making throughout the course of the project. This gives the opportunity to introduce the design team members and Pacific County Fire District 1 stakeholders, establish communication protocol and outline the project process for stakeholders, confirm goals, identify steps, durations, and overall project schedule.

2. Discovery

Duration: 1 week

Number of Meetings: 1

In the Discovery stage, our integrated team will collaborate with the Pacific County Fire District 1 core team, Fire District 1 Commissioners, leadership, personnel, and other designated stakeholders to further define the overall project goals and aspirations driving project success. We will use interviews and surveys to understand and articulate high-level goals, organizational culture, departmental logistics, and the project's big picture. Our role will include showing ideas and potential inspiration; and stimulating conversation through a

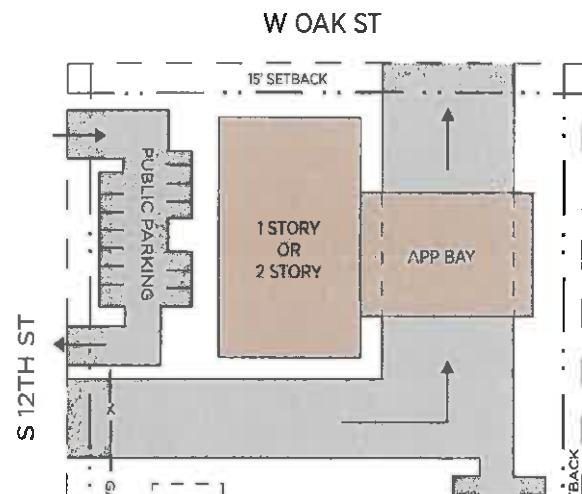
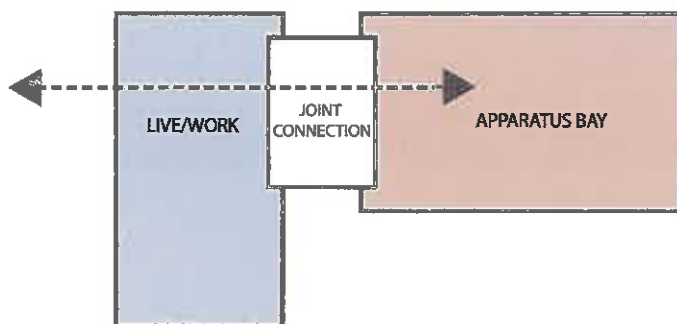
strategic investigation of possibilities. Collectively, the team will explore opportunities in collaborative spaces to reinforce the Pacific County Fire District 1's culture and enhance operational flow. The data gathered by the team will aid in adding color and underlining goals critical to next level space analysis and programming.

Space Analysis and Programming

Duration: 2-3 weeks

Number of Meetings: 2

Based on the information gathered through the Discovery step, we will initially document projected staff growth, space needs, adjacency requirements and storage and equipment needs for current and projected growth. The draft program will accommodate projected growth, circulation space, and requirements for utilitarian areas, like mechanical, electrical, and data room spaces. Utilizing the draft program, we will coordinate a programming workshop with key stakeholders to review and refine identified space needs item by item. The space needs program will be updated and represent the District site and building needs necessary for successfully advancing onto conceptual site evaluations. In addition, for reference and comparison, we will also compare the Pacific County Fire District 1 building size and staffing forecasts to other fire agencies headquarter facilities and compile in a matrix.



Adjacencies and Space Standards Development

Duration: 2-3 weeks

Number of Meetings: 1

Using the approved program and information gathered from the space needs analysis, we will develop adjacency diagrams and block diagrams that illustrate the sizes, spatial relationship, and proximities of core spaces and optimized adjacency diagrams. This process will articulate the operational relationships between programmatic spaces, and validate that the facility areas and different departments function correctly together. This is an important step in defining a collective vision for building development as it plays a key role in evaluating individual sites and how they can or cannot support project priorities.

3. Comparisons & Facility Tours (Optional)

Duration: 1-2 weeks

Number of Meetings: 2-3 site tours

In this optional step, we will facilitate tours of two or three comparable facilities with the stakeholder group. We recommend that we tour facilities that are similar based on size and specific program requirements. The intent of these tours is to observe recently completed facilities, learn how those agencies developed the design to meet their needs, and confirm or challenge assumptions that were made during the initial program development for your project.

While on these tours, particular attention will be given to the flow of spaces, durability of materials and finishes used, and how the building is aging. Tours are a great tool to test assumptions made by staff during programming: the first-hand experience of a space or size of a room is valuable.

4. Selected Site Evaluations

Duration: 3-4 weeks

Number of Meetings: 1

Mackenzie's planning department will create a Development Feasibility Report (DFR) that clearly defines the required approval process (and timelines), zoning and development requirements, and any local observations such as pending developments that could impact the subject site's development. Through this initial step Mackenzie diagnoses any due diligence efforts that may be necessary of a particular site to best understand and advise on the advantages, disadvantages, and associated risk and cost factors that play a part in identifying the highest and best site. In response to this step, Mackenzie has the capacity to provide in-house professionals such as traffic or civil engineering.

Concurrent with that effort, a preliminary site test-fit will be developed for each of the District's (6) selected properties, to evaluate how the elements described in the approved program may fit on each property. This analysis will confirm the ability of each site to meet the operational demands of the project in an efficient and cost-effective manner and enable the team to develop concepts that test the site's ability to accommodate a new facility. Mackenzie's civil department will review existing information for sewer/septic systems, stormwater, and property setbacks to determine feasibility of each site from available utilities.



Clark County Fire District 6—Station 63, Vancouver, WA

Pacific County Fire District #1

March 25, 2022

5. Cost Estimating (Optional)

Duration: 3-4 weeks

Number of Meetings: 1

In this optional step, Mackenzie will utilize information gathered from the space needs analysis, adjacency diagrams, block diagrams, and site studies to develop a high-level preliminary total project cost summary, intended to forecast all preliminary hard construction cost ranges and early soft cost allowances for the project. The cost estimate will then be sent to the Pacific County Fire District #1 stakeholders for review. Following the Fire District's review, a meeting would be planned with Mackenzie, if needed, to review and discuss the cost estimate before including it in the final Needs Assessment report. This cost estimate is an important step to establishing the parameters of the project program and budget alignment from the beginning and it serves as an informative baseline for decision making in all future steps.

6. Recommendations

Duration: 2-3 weeks

Number of Meetings: 2 meetings, 1 presentation

Recommended Studies: Geotechnical Reports, Land Survey Reports, Wetland Reports (if applicable), Traffic Studies, Environmental Assessment, and a Detailed Cost Estimate.

Assessment Final Report and Presentation

Following approval by the District, Mackenzie will compile all of the deliverables from the study into a draft report and facilitate a meeting with the stakeholders to review the project design, associated project cost if selected, next steps, and project schedule.

Upon receiving final comments from the Pacific County Fire District 1, Mackenzie will incorporate the comments into a report and finalize it for printing and distribution. Mackenzie will be available to present or be in attendance for supporting the presentation of findings from the report to Pacific County Fire District 1's Board and answer any questions pertaining to the process and findings.

Recommended Studies

Through our experience on both the public and private side of due diligence and site selection we find there is a necessary balance of thorough analysis but not over analyzing at the client's expense. Through this experience, we understand the known and often anticipated investigation is necessary. Every site is different by nature, however, typical investigative services to consider include: geotechnical analysis, land surveys, wetland and environmental assessment, and traffic analysis. As additionally proposed, we recommend consideration of a professional cost estimator as part of the project process.



BiFD Station 21, Barribridge, WA

RESUMES



Jeff Humphreys AIA, CSI, GGP, LEED AP BD+C, CPTED

Principal-in-Charge

With more than 25 years of experience, Jeff has focused his career on the assessment, design, and development of fire facilities. Jeff has extensive experience with municipalities and fire agencies, and working with stakeholders to develop projects that meet their long term needs.

Selected Experience

Education
Bachelor of Architecture
University of Oregon

Professional
registration
Licensed Architect: OR,
WA, ID

LEED Accredited
Professional

Green Globes
Professional

- Albany Fire Station 11, Albany, OR
- Bainbridge Island Fire Stations 21 & 22, Bainbridge Island, WA
- Buckley Fire Station, Buckley, WA
- Clackamas County Fire District Stations 4, 5, 7, 10, 11, Beaver Creek, Mt. Scott and 172nd Ave., Clackamas County, OR
- Clark County Fire Station 63 and remodel Stations 61, and 62, Vancouver, WA
- Dundee Fire, Dundee, OR
- Harrisburg Fire and Rescue, Harrisburg, OR
- Lake Oswego City Hall and Police Station, Lake Oswego, OR
- Mt. Vernon Fire Stations 1, 2, & 3, Mt. Vernon, WA
- Kalama Police, Kalama, WA
- Pendleton Fire Station #1, Pendleton, OR
- Port of Seattle West Side Fire, Seattle, WA
- Salem Fire Stations seismic upgrades and renovation of stations #1, 2, 3, 4, 6, 9; and new stations 5, 7, 10, 11, Salem, OR
- Sandy Fire Station Renovation, Sandy, OR
- Stevens County Fire Station 2 & 8, Stevens County, WA
- St. Helens Public Safety Building, St. Helens, OR
- Tualatin Valley Fire and Rescue Stations 62, 64, 69 and Medic Station 70
- Vancouver Fire Stations 1, 2, and 11, Vancouver, WA



Dundee Fire, Dundee, OR

Pacific County Fire District #1

March 25, 2022



Adrienne Linton GGP

Project Manager

With more than 10 years of experience, Adrienne has worked extensively on a variety of projects for both public and private clients. She is an architect on Mackenzie's public team with strengths in technical detailing, building envelopes and building science, and building construction/materials.

Selected Experience

Education
Bachelor of
Architecture, University
of Oregon

**Professional
registration**
Licensed Architect: OR

Green Globes
Professional

Certified Building
Investigations
Thermographer

Commission Member,
City of Vancouver
Building and Fire
Code Commission

- Albany Fire Station 11, Albany, OR
- Albany Police Station, Albany, OR
- Bainbridge Island Fire Station Planning and Design, Bainbridge Island, WA
- Canby Fire District Stations #62 & #65 Remodel, Canby, OR
- Canby Utility Combined Service Center, Canby, OR
- Clark County Sheriff's Department, Vancouver, WA
- Dove Lewis, Portland, OR
- Fairview City Hall Assessment, Fairview, OR
- Fred Meyer Retail Stores, Various Locations, Oregon and Washington
- Lake Oswego City Hall and Police Station, Lake Oswego, OR
- Lakeview Business Park, Portland, OR
- One Main Place, Portland, OR
- Parkdale Fire Station, Parkdale, OR
- Safeway Retail Stores, Various Locations, Oregon and Washington
- St. Helens Public Safety Building, St. Helens, OR
- Tualatin Valley Fire and Rescue Station #62 Seismic Upgrade, Tualatin, OR
- Tualatin Valley Fire and Rescue Stations #64 & #69 Remodel, Tualatin, OR
- Wy'East Day Lodge, Mt. Hood, OR



Albany Fire, Albany, OR



David Linton SE, PE

Structural Engineer

David Linton is a project engineer in Mackenzie's structural engineering group, and has worked on a wide range of project types. He has been the project manager on multiple essential facility seismic assessments. His proven track record of strong communication and collaboration has helped to deliver successful projects that meet client goals while maintaining the project schedule and budget.

Selected Experience

- Adair Fire Seismic Assessment & Upgrade, Adair, OR
- Beaverton Public Safety Building, Beaverton, OR
- McKenzie Fire Seismic Assessment, McKenzie, OR
- McMinnville Fire Department Seismic Assessment, McMinnville, OR
- North Lincoln Fire and Rescue Seismic Assessment, Lincoln City, OR
- Pendleton Fire Station Needs Assessment, Pendleton, OR
- Pendleton Fire Station 1, Pendleton, OR
- Philomath Fire Seismic Upgrade, Philomath, OR
- Sandy Fire District Seismic Analysis, Sandy, OR
- Santa Clara Fire Station #2 Seismic Evaluation, Santa Clara, OR
- Siletz Fire Seismic Upgrade, Siletz, OR
- St. Helens Public Safety Building, St. Helens, OR
- West Side Fire Seismic Upgrade, Hood River, OR

Education
Masters of Business
Administration, George
Fox University

Master of Science, Civil
Engineering, Oregon
State University,

Master of Science,
Wood Science and
Engineering, Oregon
State University

Bachelor of Science,
Civil Engineering,
Oregon State University

**Professional
Registration**
Professional Engineer,
Structural: OR, WA, ID,
CA



Pendleton Fire Station 1, Pendleton, OR



Bob Frentress PE, LEED AP

Civil Engineer

Bob Frentress joined Mackenzie in 1993 after earning a bachelor's of science degree in civil engineering from Portland State University. He provides street design, storm drainage, sanitary sewerage, water systems, earthwork analysis, and grading design for commercial, industrial, civic, high tech, and residential projects. Bob works both in support of Mackenzie's architects and independently, either contracted directly with the owner/developer for site services or as a subconsultant to an outside architect.

Selected Experience

Education
Bachelor of Science,
Civil Engineering,
Portland State
University

Professional
Registration
Professional Engineer:
OR, WA

LEED Accredited
Professional

- Albany Fire Station #12 Seismic Upgrade, Albany, OR
- Cherry Lane and Jones Farm Fire Stations, Hillsboro, OR
- Creekside Bible Church Site Improvements, Tualatin, OR
- DeLake Fire Station, Lincoln City, OR
- Estacada High School Biomass Boiler Building, Estacada, OR
- Federal Detention Center, Sheridan, OR
- Hoodland Fire Station Schematic Design, Government Camp, OR
- Joint Base Lewis-McChord BLST Buildings, Fort Lewis, WA
- Joint Base Lewis-McChord Training Facility, Fort Lewis, WA
- Portland Community College Sylvania Campus Remodel/Expansion, Portland, OR
- Salem Fire Stations #5, #7, #10 and #11, Salem, OR
- West Linn Police Station, West Linn, OR



Cherry Lane Fire Station, Hillsboro, OR



Michael Chen

Land Use Planner

Michael brings over 20 years of experience in land-use planning, SEPA review, permit entitlement, feasibility studies, project management and business development to project teams. Michael's attention to detail and a keen understanding of his client's expectations has allowed him to work with several local municipalities in Washington, such as Kent and Kalama. For eight years, he served on the Planning Commission for the City of Renton where he assisted the City in earning several Governor's Smart Communities Awards. He also assisted King County in creating changes to its zoning code.

Education
Bachelor of Arts,
Environmental Planning
and Policy, Western
Washington University

Professional
Registration
LEED Green Associate

Selected Experience

- Algona Police Due Diligence Investigation, Algona, WA
- Bainbridge Fire Stations #21 and #22, Bainbridge Island, WA
- Bonney Lake Justice Center, Bonney Lake, WA
- Buckley Fire Station, Buckley, WA
- City of Kalama Shorelines Master Plan, Kalama, WA
- City of Kent Public Works Facility Assessment, Kent, WA
- City of Maple Valley, Summit Place Conceptual Master Plan, Maple Valley, WA
- Interbay Self Storage, Seattle, WA
- Joint Base Lewis McChord BLST Buildings, Fort Lewis, WA
- Joint Base Lewis McChord Training Facility, Fort Lewis, WA
- Joint Base Lewis McChord BLST Buildings, Fort Lewis, WA
- Joint Base Lewis McChord Training Facility, Fort Lewis, WA
- Lake Stevens Police Station, Lake Stevens, WA
- Lynnwood Community Justice Center, Lynnwood, WA
- Mt. Vernon Fire Stations 1, 2, and 3, Mt. Vernon, WA



Buckley Fire Station, Buckley, WA



Steve Gunn CSI, CDT

Construction Focus, Inc. | President

Steve founded Construction Focus, Inc. in 1995 because he saw a need for providing a bridge between owners, design professionals, and contractors. The services provided by the company provide this bridge in the form of cost consulting, plans proofing, and constructability reviews. As president of the company, Steve assumes the lead role in the cost estimating effort for all projects. He takes an active role by attending meetings, visiting project sites, developing cost profiles, and reviewing final deliverables.

Education

Master of Science,
University of Oregon

Bachelor of Science,
University of Illinois

Professional
Registration

CSI Member

AIA Affiliate

ASPE Member

Selected Experience

- Albany Fire Station: Demo 5 buildings, enlarge station, civil work
- Albany Police Station, 42,000 SF, new construction
- Beaverton Police: Remodel/additional 3-story police/jail/court
- Dundee Fire Station: New building, SIP panels & brick veneer
- Klamath Falls Police: Renovate armory into a police facility
- Lake Oswego City Hall and Police Station, Lake Oswego, OR
- Lane County Courthouse: Remodel of courtrooms & offices
- Lane County Public Health: New 4-story building
- Medford Police: 3-story building, 3-story parking
- Monmouth Police Station: Remodel 2-story, additional elevator/stairs
- Oregon City Police: New 38,626 SF police building
- Parkdale Fire Station Needs Assessment, Parkdale, OR
- Roseburg Public Safety Center: 3-story CMU/steel frame
- Salem Municipal Police/Courthouse: 2-story w/4 courtrooms
- St. Helens Public Safety Building Needs Assessment, St. Helens, OR



MARCH 25, 2022
THE MILLER HULL PARTNERSHIP (L.P.)
PACIFIC COUNTY FIRE DISTRICT 1
FIRE STATION 21-1 COMBINED FACILITY STUDY





March 25, 2022
Pacific County Fire District #1
26110 Ridge Avenue
Ocean Park, WA 98640
E: weatherby@pcfd1.org

RE: Fire Station 21-1 Combined Facility Study

Thank you for reaching out to us regarding Pacific County Fire District #1's intent to study the feasibility of consolidating operations, maintenance, and administrative functions into a single new main Fire Station 21-1. We are inspired by your District's vision for a 50-year facility and excited to help you achieve your goals for this project. Miller Hull has dedicated most of our practice to assisting public clients to deliver critical projects enhancing and protecting the communities they serve.

We Know Fire Stations

For over a decade, we have designed fire stations that have been embraced by both firefighters as well as by the communities they serve. These facilities have also been recognized with a number of design awards—including F.I.E.R.O., AIA National, and AIA Washington Civic Design awards—confirming they are highly functional while contributing positively to the public realm. By leveraging our knowledge of all the factors that can influence a facility later in the design process, we can bring a unique perspective to the development of Fire Station 21-1's program and to the analysis of potential sites.

We Know Sustainability

We have dozens of projects certified with the LEED and Living Building Challenge rating systems, and have developed expertise connecting issues of sustainability with firefighter health and wellness. We will ensure that program and site factors affecting sustainability opportunities and healthy operations are identified in this study. Your district is also located in a very beautiful, yet vulnerable, corner of the world between the ocean and Willapa Bay. We are aware that the District has participated in Tsunami evacuation research studies and are interested to learn what planning efforts are already underway in your community. Ideally the program and siting of this facility might support those initiatives and enhance community resilience.

We Know Community

A new fire station is an important facility that represents an investment in public safety and it should be a source of pride for the community. We are well versed in the analysis of land use codes and have extensive experience navigating public hearings and approval processes. We will carefully consider the opportunities and challenges associated with the immediate context and applicable zoning of each site to be studied as potential layouts and building massing are developed.

Your crews serve a unique combination of towns, forests, and beaches that no doubt present distinct operational challenges. We look forward to the opportunity to learn more about the work you do and to discuss how our team's experience and qualifications can contribute to your success as you begin the process of realizing this important project.

Respectfully,

Zubin Rao

Zubin Rao, AIA, Associate
The Miller Hull Partnership, LLP



REFERENCES

ANDY ISHIZAKI
Senior Project Manager
Capital Development
City of Seattle

E: andy.ishizaki@seattle.gov
T: 208.733.7809

Project:
Seattle Fire Station 31

DAVID KUNSELMAN
Division Director
Capital Development
City of Seattle

E: david.kunselman@seattle.gov
T: 208.615.1886

Project:
Seattle Fire Station 21
Seattle Fire Station 31
Seattle Fire Station 39

KRISTA LUTZ
Director at OAC Services
Owner's Representative
(Formerly)

E: kristialutz@gmail.com
T: 206.391.8927

Project:
Bothell Fire Station 42
Bothell Fire Station 45

JAMES GABOURY
Deputy Chief
City of San Diego
Fire-Rescue Department

E: jgaboury@sandiego.gov
T: 858.573.1359

Project:
Fire Station 52
(Torrey Pines Fire Station)

BRIAN MEISSNER, AIA
Principal Architect
ECI

E: brianm@ecialaska.com
T: 907.632.6662

Project:
Kodiak Fire Station
Feasibility Study



FIRM INTRODUCTION

Founded in 1977, The Miller Hull Partnership is an award winning architecture and planning firm specializing in performance-based designs for public and private buildings. We continually explore the boundaries of current thought to leverage the latest in technology, materials, and cultural context resulting in design resolutions that are grounded in function, durability and the creation of meaningful environments tailored to the needs of the space and user.

Miller Hull's 40-year history of successful civic work proves our comfort and familiarity with the public design process. Deep collaboration is at the heart of everything we do, and every project is approached from a place of carefully listening to our clients, consultants, and communities. It is our inclusive, integrated and inspiring process early on in the project that leads to a strong team culture and the best solution. Civic buildings in particular need to balance design and cost issues, without compromising long-term value and operational robustness for the agencies that live in them. Fire stations, libraries, and city halls remain at the heart of our practice because they allow us to constantly learn from, and collaborate with, the dedicated people most directly serving our communities.

Widely recognized for innovative, timeless designs and a partnership-driven practice, Miller Hull has received over 400 local, regional, national, and international awards for design excellence, including eight AIA Committee on the Environment (COTE) Top Ten Design Awards, the American Institute of Architects Firm Award and Architect 50's

Top Firm for Sustainability. Miller Hull has studios in Seattle and San Diego working across the country and beyond, applying our regionalist philosophy in local and distant communities. Today, with advanced technology and a performance-based integrated design process firmly in place, we have built upon this foundation with a portfolio of highly functional civic buildings that are operationally robust and bring long term value to their users and communities.



APPROACH





FIRE FACILITY DESIGN

As our world grows increasingly complex and faces new dangers, first responders will continue to be called upon to take a leading role in keeping our communities safe. Over just the last two years, we have seen fire departments stand up Covid testing sites and vaccine clinics, all while recalibrating their own daily operations to keep their people and the public safe.

While we don't know what the future holds, we know that fire stations need to be programmed and planned from the very beginning to maximize flexibility and firefighter health and safety. Our team can distill the sometimes overwhelming amount of available information on the latest trends in facility design to provide options that are easily understood and evaluated by project stakeholders and leadership.

At the level of site planning, fire stations need to accommodate a variety of elements—such as training space, security, ample parking, generator, waste management and utility equipment—which are often overlooked at early stages in design. Similarly for the building, most fire stations are relatively modest in size, but the wide variety of spaces under one roof—office, classroom, fitness, sleeping, eating, sanitation, equipment staging and maintenance, and apparatus parking—present unique programmatic and technical challenges.

As we develop a program and site test fits for the new Station 21-1, we will carefully consider the following:

- How apparatus access and circulate through the site and how traffic safety can be maximized for firefighters, passenger cars and pedestrians.
- How training needs can be supported by the proposed facility.
- How response time can be minimized by the right early massing or site planning decisions.
- How health and quality of life for firefighters is affected by programming ample spaces for decontamination, operations, fitness, socializing, sleep, and recovery.
- How firefighter health is impacted by air quality, building materials, programmatic awareness of clean and dirty areas, and appropriate daytime and nighttime lighting.
- How the program can accommodate related goals of the fire district, such as public outreach and education, or special sustainable features or systems.
- How early design and arrangement of potential site elements and building massing can setup the facility to have a welcoming feel and appropriate civic presence while being respectful of its immediate neighborhood context.

THOUGHTFUL PROGRAMMING

FINDING EFFICIENCIES

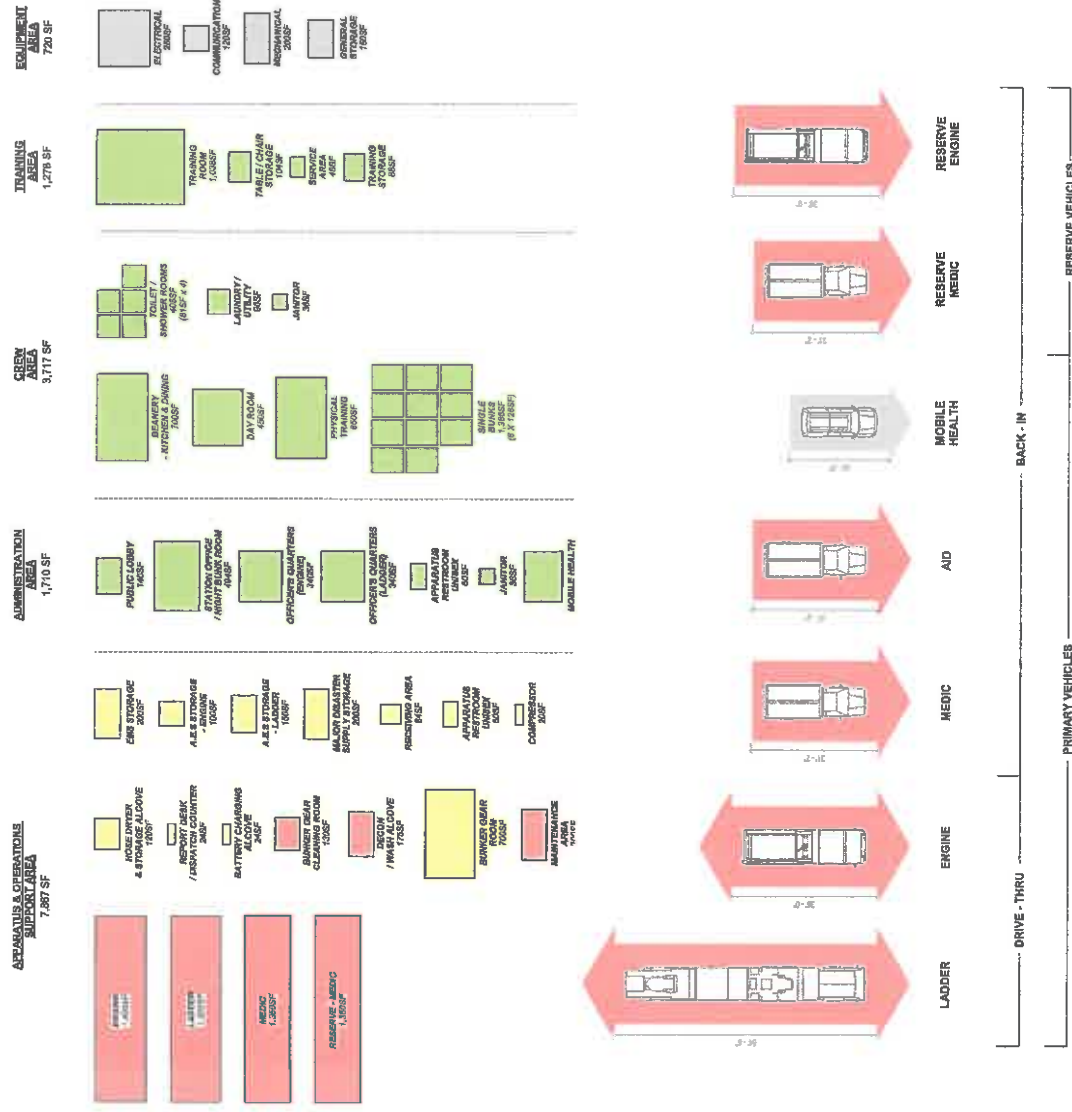
When projects become challenged by either space or budget constraints, we understand how to work with owners and firefighters to find efficiencies without compromising operations. On our recent Bothell Fire Station 42, we were given a Predesign program that called for a 26,200 GSF station, and a firm budget that did not support a facility of that size. By combining compatible uses into multi-functional rooms, finding a home for administrative program in other underutilized City office spaces, and developing highly efficient floor plans, we were able to deliver equivalent functionality in only 19,700 GSF.

TIMELY KNOWLEDGE

Our portfolio spans Fire Stations of all sizes, configurations, construction types, and owner priorities. By applying our knowledge of how different departments operate, we are able to ask the right questions during programming to fully understand a department's needs and ensure no spaces are overlooked. The program diagrams on this page are taken from our Fire Station 31st project in Seattle, and demonstrate how we will distill complex program information into an easily digestible format.

WORKING FROM FEASIBILITY STUDIES

We are often on the receiving end of test fits or feasibility studies completed by other designers, so we know what specific factors need to be studied at this stage to ensure project success moving forward. When studying potential sites, we will ensure site proportions, topography, utilities, and neighboring context are conducive to the facility envisioned.



MATRIX LEGEND

+ Site Exceeds Criteria
 O Site Meets Criteria
 - Site Meets Criteria with Significant Compromise
 FF Full Fit
 R Recommended Site
 NR Site Not Recommended

West Parking Garage	Block Containing 100	Block Containing 100	Previous Outbreak Site	West of Condon, Parking Lot W41	Not Available	Parking Lot on Roosevelt	Post Office Site	University Bookstore	Parking Lot on Stockton	Alumni House Site	Parking Structure	North of 45th, N28	Burns Museum	North Parking Lot	North Parking Lot	Observatory	McCormick Tower Site	Plant Services	at Front Circle	Wilson Avenue Site	Paved Parking N24
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LOCATION	Feasibility	UW Community Connection	Perception of Safety	Pedestrian Impact
West Parking Garage	+	+	+	+
Block Containing 100	+	+	+	+
Block Containing 100	+	+	+	+
Previous Outbreak Site	+	+	+	+
West of Condon, Parking Lot W41	+	+	+	+
Not Available	+	+	+	+
Parking Lot on Roosevelt	+	+	+	+
Post Office Site	+	+	+	+
University Bookstore	+	+	+	+
Parking Lot on Stockton	+	+	+	+
Alumni House Site	+	+	+	+
Parking Structure	+	+	+	+
North of 45th, N28	+	+	+	+
Burns Museum	+	+	+	+
North Parking Lot	+	+	+	+
North Parking Lot	+	+	+	+
Observatory	+	+	+	+
McCormick Tower Site	+	+	+	+
Plant Services	+	+	+	+
at Front Circle	+	+	+	+
Wilson Avenue Site	+	+	+	+
Paved Parking N24	+	+	+	+

UWPD PROGRAM	Program Fit	Vehicular Accessibility	Essential Facility Criteria	Future Growth for UWPD	Access to Secure Parking for UWPD
West Parking Garage	+	+	+	+	+
Block Containing 100	+	+	+	+	+
Block Containing 100	+	+	+	+	+
Previous Outbreak Site	+	+	+	+	+
West of Condon, Parking Lot W41	+	+	+	+	+
Not Available	+	+	+	+	+
Parking Lot on Roosevelt	+	+	+	+	+
Post Office Site	+	+	+	+	+
University Bookstore	+	+	+	+	+
Parking Lot on Stockton	+	+	+	+	+
Alumni House Site	+	+	+	+	+
Parking Structure	+	+	+	+	+
North of 45th, N28	+	+	+	+	+
Burns Museum	+	+	+	+	+
North Parking Lot	+	+	+	+	+
North Parking Lot	+	+	+	+	+
Observatory	+	+	+	+	+
McCormick Tower Site	+	+	+	+	+
Plant Services	+	+	+	+	+
at Front Circle	+	+	+	+	+
Wilson Avenue Site	+	+	+	+	+
Paved Parking N24	+	+	+	+	+



SITE SELECTION PROCESS

CONCEPT OPTIONS

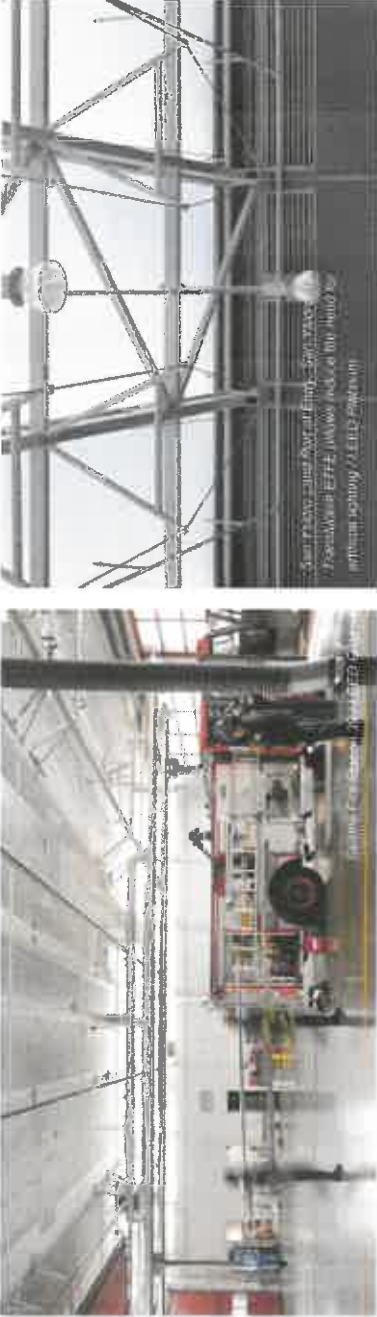
Once an appropriate program has been developed, we will work with the District to develop conceptual massing options for how that program could be efficiently delivered. We anticipate studying combinations of one and two-story options, back-in and drive-through options, as well as options that could potentially propose separate structures for reserve apparatus or training activities. We can then approximate minimum site areas associated with each option that is appealing to project stakeholders.

SITE SELECTION CRITERIA

We will work collaboratively with the District to identify the most important criteria for site selection, and then develop a matrix similar to what is shown at left from our work evaluating sites for the University of Washington Police Department. We anticipate program fit to be the most important criteria, but also expect other more qualitative factors such as futureproofing, utilities, and neighborhood context to play a role in decision making.

SITE TEST FITS

Once up to six sites have been chosen for further examination, we will produce diagrams showing a proposed site layout to evaluate critical factors such as apparatus maneuvering, program fit, and limitations of zoning regulations. Please refer to the EXPERIENCE section for extensive examples of these kinds of early site feasibility studies.



SUSTAINABILITY PLANNING

IDENTIFYING PRIORITIES

As part of the feasibility study, we would like to work with you to establish and document any sustainable design priorities for the project. Whether these are LEED rating requirements or simply a desire by stakeholders to incorporate a certain element, such as a rooftop solar array—identifying these factors early on will inform programming to ensure adequate space allocation in the building and on site.

FINDING SYNERGIES

Miller Hull has a long history of bringing smart sustainable solutions to even the most modest civic projects. We prioritize systems and features that bring long term value to owners in terms of finding synergies, realizing energy savings, and preparing for the future. For example, on our Seattle Fire Station 39 project pictured at left the stormwater infiltration features not only provided natural beauty, but also contributed to obtaining LEED points and meeting stormwater code requirements.

DEVELOPING SUSTAINABLE SITES

At the level of site feasibility, we will analyze environmental factors such as solar access and microclimates to understand optimum building positioning opportunities. We will also consider the ability of selected sites to support open green spaces that contribute to firefighter health as well as community enhancement. Finally, studying adjacent existing uses to identify issues such as glare, noise, or traffic will allow us to understand potential impacts to firefighter wellness and operations, and how the position of the building and site elements could address any concerns.





ADDITIONAL CONSIDERATIONS

COST MODELING

Given the environment of high escalation and price volatility that has persisted for the last several years, we recommend including a cost consultant in this phase of the work to advise on probable construction costs and soft costs for the envisioned facility. This consultant could also provide high-level comparative cost implications among the different sites selected for study.

CIVIL SERVICES

If any particularly challenging sites are selected for study, we may recommend adding Civil Engineering consulting services. A Civil engineer could provide greater clarity on particularly unusual soil or topographic conditions, utilities, and traffic flow. Additionally, they could conduct detailed apparatus maneuvering analyses if needed to prove out the feasibility of a particularly constrained site.

DELIVERY METHOD

Our team is very well-versed in all project delivery methods including traditional Design-Bid-Build, GC/CM, Design-Build and Progressive Design-Build. We recommend that the feasibility study address which delivery method is preferred to deliver the project based on owner preferences and resources, as well as design considerations resulting from this study. We can provide case studies and lessons-learned from our project work to review with District stakeholders to help chart a course forward.

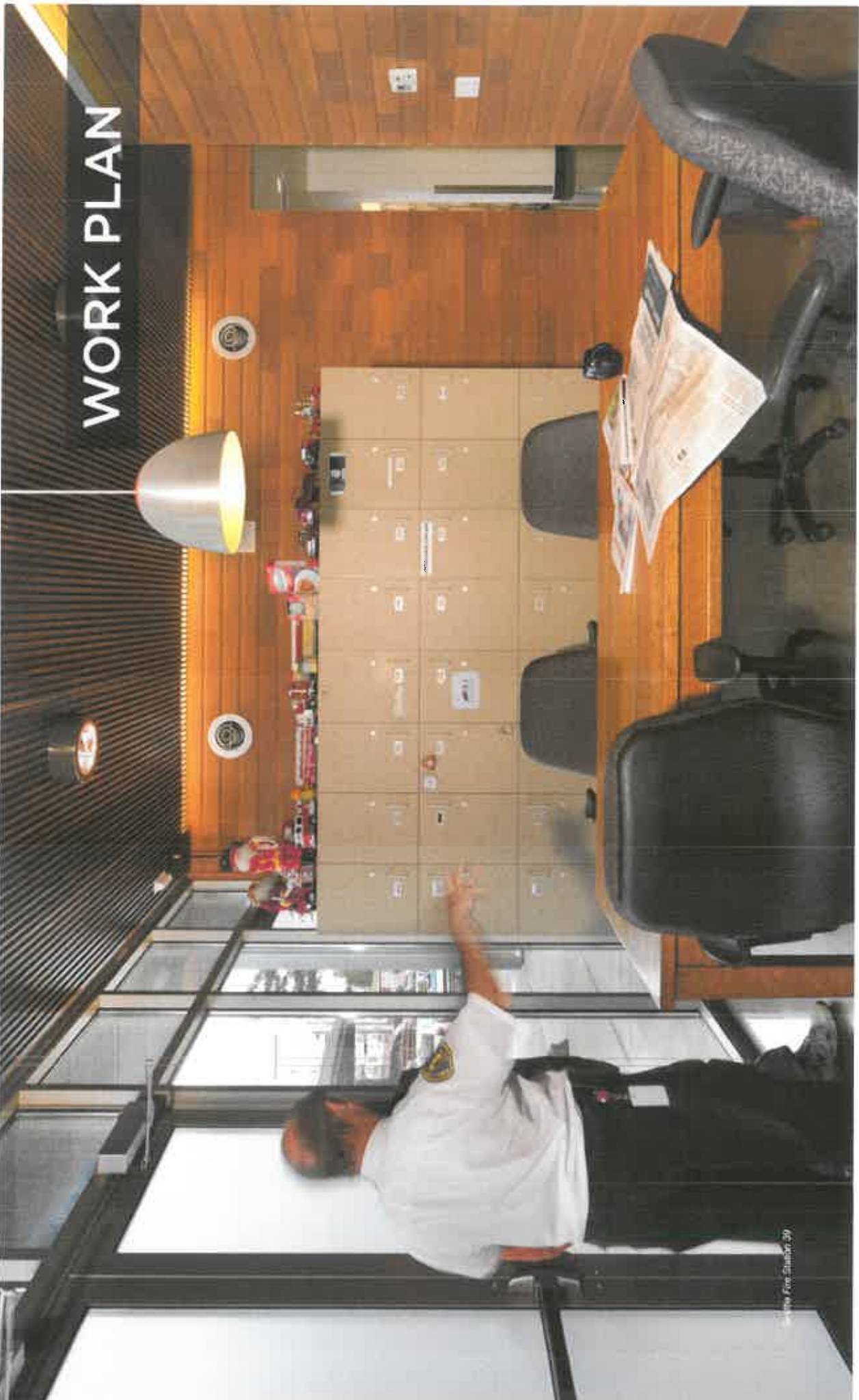


DISTRICT 1 SUPPORTING INFORMATION

As we begin work on the feasibility study it would be helpful for District staff to gather the following information where available:

1. Floor plans of existing facilities.
2. Approximate inventory of furniture and equipment to be salvaged from each existing site.
3. Complete list of apparatus to be housed at 21-1 and approximate dimensions of each.
4. Total number of both assigned and on-duty staff.
5. Maps modeling response times across the district from existing station locations.
6. Any written plans or policy documents outlining future growth or equipment acquisitions.
7. Any information on plans to consider electric apparatus in the near future.
8. Any information on city or county planning or policy initiatives related to the development of this facility, such as sustainability mandates or plans for shared space with other departments.
9. Any information on the sites proposed for study.
10. Any information on firefighter union contract requirements as relevant to working or living conditions in a new facility.
11. Any existing summary information on firefighter or other staff facility needs or wish-list items.
12. Information on the types of training activities that need to be supported by the facility or that will be conducted on site.

WORK PLAN



WORK PLAN

The schedule and plan shown on this page outlines a proposed 20 week process to complete the feasibility study. Major portions of the work and associated tasks and deliverables are organized under the themes of GATHER, ANALYZE, TEST and DOCUMENT as indicated below.

We envision a collaborative process where steady progress is made toward a final deliverable that gives commissioners and other stakeholders the information they need to confidently make decisions about how to best move forward with the project.

While the workplan below represents our best effort to respond to the information in the RFP, we would expect further conversation with the District to adjust durations and scope as needed to meet your needs and maximize overall value.



TEAM





ZUBIN RAO

The Miller Hull Partnership, LLP

AIA, Associate, LEED AP

Role: Project Manager and Feasibility Study Lead. Zubin will serve as the primary point of contact and will be responsible for directing the work and ensuring the team's performance on the project.

Zubin brings 15 years of project management and project architect experience working on a wide range of projects for public sector clients. Zubin enjoys designing for the unique community enhancement and sustainability goals that all public sector clients share. It is his belief that enthusiastic multidisciplinary dialog and stakeholder communication is the key to delivering finished projects of a consistently high design quality. Zubin has worked directly with many diverse clients, establishing his ability to hear, understand and prioritize client needs. His design and communication skills have led projects through difficult public and community approval processes to realize smart, sustainable, and beautiful solutions for clients.

Selected Experience

City of Seattle Fire Station 31, Seattle, WA

Project Manager for new four bay, 22,600 square foot fire station facility.

City of Bothell Fire Stations 42 and 45, Bothell, WA

Project Manager for two completely new fire stations and associated interim operating accommodations under a single Progressive Design-Build contract.

Northwest Langley Wastewater Treatment Plant, Langley, BC

Architectural design and sustainability lead project manager for the indicative design of a large wastewater treatment facility.

Additional Projects

- United States Consulate General, Merida, Mexico
- Tacoma Paper & Stationery, University of Washington, Tacoma, WA
- 333 Dexter, Kilroy Realty, Seattle, WA
- Pike Place MarketFront, Seattle, WA
- Otto Miller Hall Renovation, Seattle Pacific University, Seattle, WA
- Student Success District, University of Arizona, Tucson, AZ

PROFESSIONAL REGISTRATIONS

Registered Architect, Washington

EDUCATION

Master of Architecture, University of Michigan

Bachelor of Arts with Honors in Philosophy, University of Michigan

AFFILIATIONS AND ACTIVITIES

Member
American Institute of Architects (AIA)

Guest Critic
Studio Reviews for Various Universities:

- University of Washington, Seattle
- Washington State University
- University of Michigan
- University of Illinois, Urbana-Champaign

Presentations

"Effective Fire Station Planning for Compact Sites," F.I.E.R.O. Fire Station Design Symposium, 2022

"Renovation of Tacoma Paper & Stationery," CSI Mt. Rainier, April 2018

"Sustainable Design and the LEED Rating System," Guest Lecturer, Energy Engineering 552-Design of Energy Efficient Buildings, University of Illinois, Chicago, February 2009, 2010



SCOTT WOLF

The Miller Hull Partnership, LLP

FAIA, Partner, LEED AP

Role: Project Advisor. As the Design Lead for all of Miller Hull's fire station projects, Scott will act as an advisor to the project team.

Scott brings over 32 years of experience on highly sustainable, well-received public projects, including serving as Design Lead on several fire station projects as well as large infrastructure facilities. He encourages ideas from the client, community and entire consultant team to shape the project into a comprehensive and integrated solution. Collaboration is evident and is facilitated by an exploratory design process that cuts across disciplines, bringing together clients, engineers, landscape architects and artists. Scott has been an important contributor to Miller Hull's rise to national leadership in sustainable design and has led a number of projects for public agencies.

Selected Experience

City of Seattle Fire Station 31, Seattle, WA

Partner-in-Charge and Design Lead for new four bay, 22,600 square foot fire station facility.

City of Bothell Fire Stations 42 and 45, Bothell, WA

Design Lead for two completely new fire stations and associated interim operating accommodations under a single Progressive Design-Build contract

City of Seattle Fire Station 21, Seattle, WA

Partner-in-Charge and Design Lead for new two apparatus bay, 8,420 square foot replacement fire station facility.

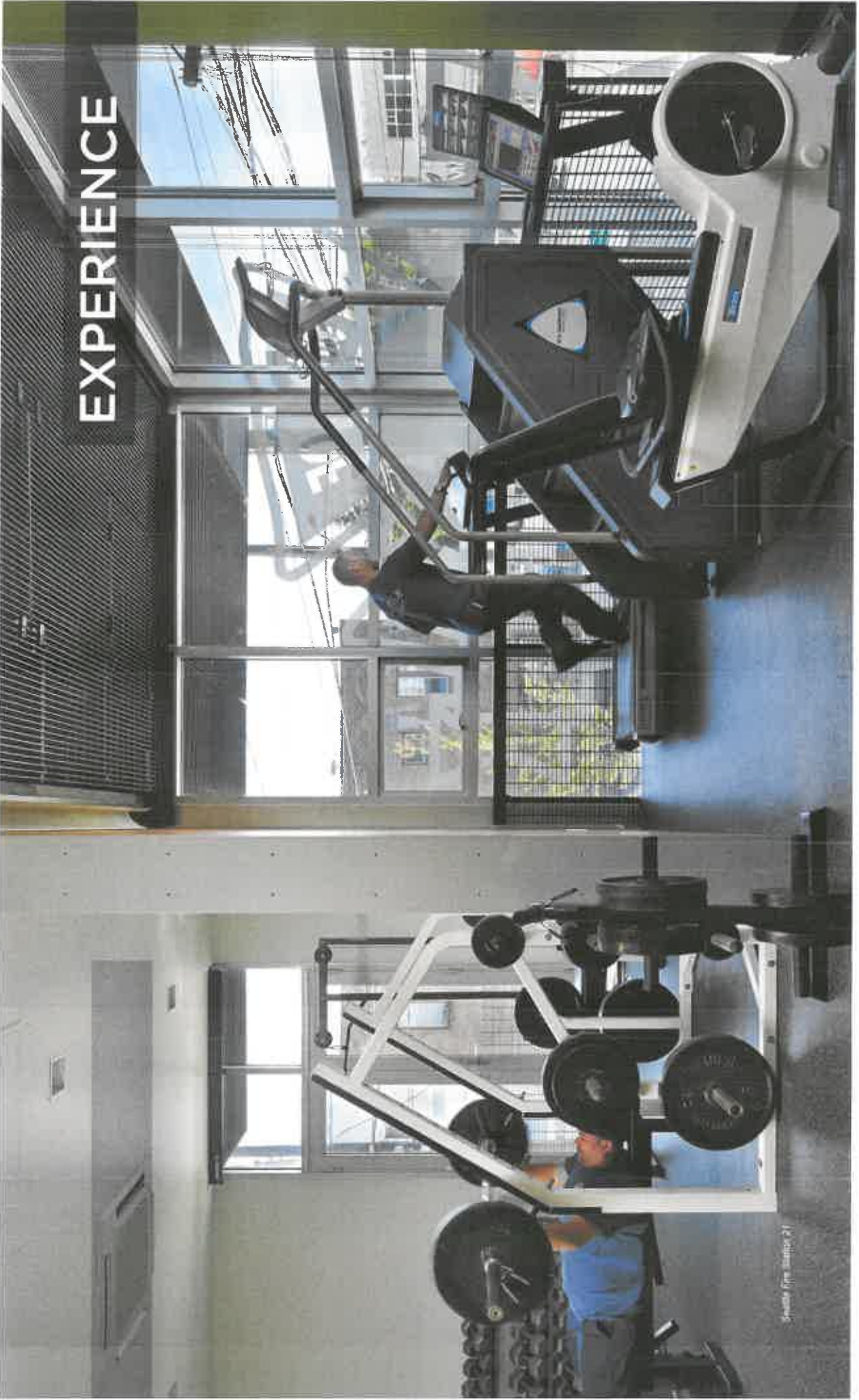
City of Mercer Island Fire Station 92, Mercer Island, WA

Design Lead for new 8,000 square foot replacement fire station facility.

Additional Projects

- City of San Diego, Torrey Pines Fire Station 52, San Diego, CA
- Northwest Langley Wastewater Treatment Plant, Langley, BC
- Iona Wastewater Treatment Plant, Richmond, B.C.
- Student Success District, University of Arizona, Tucson, AZ
- University of Washington, West Campus Utility Plant, Seattle, WA

EXPERIENCE



Shuttle Gym Range 21

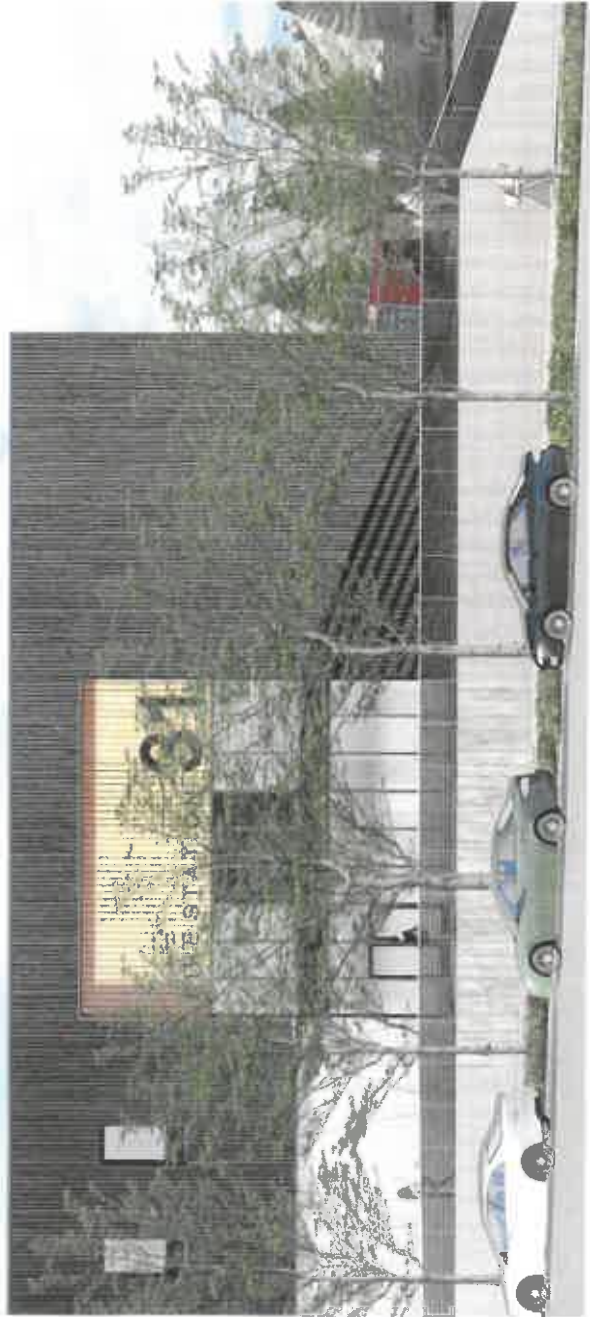


SEATTLE FIRE STATION 31 NORTHGATE NEIGHBORHOOD, SEATTLE, WA

Fire Station 31 will bring a new four bay, 22,600 square foot facility to Seattle's busy, growing, and diverse Northgate neighborhood. Located on a long and narrow site with significant grade change, the proposed design provides drive-through functionality for the largest rigs, while using simple forms and natural materials to achieve a quiet, civic presence in a largely residential neighborhood.

The crews that live and work in this station will benefit from best design practices to improve firefighter well-being, including careful sequencing of spaces to reduce contamination, specification of healthy materials, and provision of smart alerting and lighting systems that minimize stresses to the body. The project will achieve LEED Gold and include a photovoltaic array, rainwater harvesting for flushing, a high-performance envelope, tightly-zoned ventilation, and an efficient, refrigerant-free heating and cooling system.

The test fits shown on the next page illustrate a variety of site plan and building massing concepts to deliver the required program on this very challenging site. By creating simple visuals that clearly indicate the basic relationships and tradeoffs involved in each option, Fire Department leadership was able to quickly build consensus around a preferred scheme during the early part of our Pre-design phase.



PACIFIC COUNTY FIRE DISTRICT 1

Fire Station 21-1 Combined Facility Study +





Table of Contents

Letter & References	1
Firm Qualifications	2-6
Team Qualifications	7-18
Project Approach & Understanding	19-29
Related Experience	30-44



6211 Roosevelt Way NE Seattle, WA 98115
206-522-3830 ext 101 / 206-683-6283 cell
206-522-2456 fax
brian@tca-inc.com
tca-inc.com

March 25, 2022

Pacific County Fire District 1
26110 Ridge Avenue
Ocean Park, WA 98640

Dear Fire Chief Jacob Brundage, Assistant Chief Brad Weatherby, and
Members of the Selection Committee,

TCA Architecture + Planning, (TCA) is pleased to present our qualifications for architectural planning and design services to Pacific County Fire District 1 for your Fire Station 21-1 Combined Facility Study. This study represents an unique opportunity to strengthen your network of stations and ensure your community is protected in an emergency or natural disaster.

We feel uniquely qualified to partner with you based on our experience working with hundreds of Fire Departments and Fire Districts like yours across state and across the country. We partner with fire agencies to design facilities that respond to a wide range of unique geographic circumstances and emergency response needs. As a result, we understand the full spectrum of community-based expectations, policies, politics, and departmental cultures that can impact projects like yours. As a firm, we work closely with our clients to develop defensible, operationally sound, cost-effective facilities that allow for change over their 50-100 year lifetime.

As Fire Service Design Specialists, our firm of 20 dedicated staff will bring a depth of experience to your project which is unparalleled. Our team comprised of seasoned subconsultants will deliver a results-oriented project approach and a track record of working together with us on other fire station projects. With offices located nearby in Portland, KPFF, our structural and civil engineers, offer recent relevant work in Long Beach area and understand the seismic and site related risks of the area.

We are passionate about supporting special communities like the Long Beach Peninsula in planning and designing durable, low maintenance, and energy efficient fire facilities. It is our commitment to you to work side by side to best inform your decision-making process. We offer an expert's steady hand to help guide you through the fire station planning, site test-to-fit, operations-based programming, community outreach, funding, and ultimately the design and construction process. We thank you for the opportunity to collaborate on this important project and look forward to connecting with you in person.

Sincerely,

Brian Harris, AIA LEED AP BD+C, NCARB
Principal in Charge
TCA Architecture + Planning, Inc.

brian@tca-inc.com
206-683-6283 cell

References +

DEPUTY CHIEF BOB EASTMAN

South County Fire/Special Projects
425-551-1227
reastman@southsnofire.org

MARINA STEFANOVIC

City Project Manager
City of Bellevue
425-542-6892
mstefanovic@bellevuewa.gov

FIRE CHIEF JAY HAGEN

Bellevue Fire Department
425-452-6892
jhagen@bellevuewa.gov

DAVE PETERSEN

Owner's Representative to
Central Pierce Fire & Rescue
OAC Services, Inc
206-285-4300
dpetersen@oacsvcs.com

ACTING FIRE CHIEF GREG TYRONE

Central Valley Fire & Rescue
406-388-4480
gtyrone@centralvalleyfire.com



SPECIALIZATIONS

- + Fire Station Design
- + Site Planning & Design
- + Fire Facility Resiliency & Sustainability
- + Operations-Based Programming
- + Future-Proofing
- + Operational Change Management
- + Fire Facility Codes & Standards
- + Funding, Outreach & Inclusion

HISTORY

- Founded in 1960 as The Cochran Associates (TCA)
- Incorporated in 1995 under current management as TCA Architecture + Planning (TCA) a Privately Owned Corporation

SIZE/ORGANIZATION

3	Partners/Principals
1	Associate Principal
5	Project Architects
5	Project Managers
3	Design Professionals
3	Administrative Staff

20 TOTAL STAFF

TCA represents a 62+ year evolution of experience providing personalized design services for a wide range of challenging and notable projects. Our award-winning firm has an established reputation for excellence in fire station and training facility design, public safety buildings, and municipal projects. We are proud of both our architectural achievements and our satisfied clientele, affirmed by an exceptional number of repeat clients. We attribute our success to:

- Maintaining **close, collaborative relationships** with our clients through all project phases built on open communication, trust, responsiveness and our commitment to surpassing expectations;
- Providing **innovative design concepts and solutions**, uniquely suited to each operations-based program, with emphasis on people-oriented design, safety, facility resilience, and environmental sustainability;
- Closely monitoring costs and production so **projects are within budgets and on schedule**;
- **Harnessing the efficiency of evolving technologies** by utilizing REVIT (building information modeling software) for design and 3-D modeling, Enscape for photo-realistic rendering and virtual walk-throughs, Bluebeam for collaboration and workflow efficiencies, Microsoft Teams for collaboration, and miscellaneous real time internal management systems, such as cloud based BigTime software and FastTrack scheduling.
- Working effectively with consultants and contractors to achieve the **maximum value and superior results**.



ARCHITECTURE PLANNING + DESIGN

ALASKA

Anchorage
Dillingham
Fairbanks
Haines
Kasa Diamond
Ketchikan
Nikiski
Skagway
Valdez

CALIFORNIA

Fremont
Los Angeles
Palm Springs

COLORADO

Boulder
Crested Butte
Grand Junction

HAWAII

Honolulu

IDAHO

Boise
Coeur d'Alene
Ketchum
Kootenai County
Lewiston
Meridian
Sun Valley

KANSAS

Lenexa
Olathe

MICHIGAN

Ann Arbor

MINNESOTA

Minneapolis

MONTANA

Belgrade
Bigfork
Bozeman
Yellowstone Club

NEW MEXICO

Los Alamos

OREGON

Portland
Scappoose
Mosier

SOUTH DAKOTA

Custer
Rapid City

TEXAS

Dallas
Lancaster
Port of Houston

UTAH

American Fork
North Davis
Salt Lake City
Spanish Forks

WASHINGTON

360+ Fire Facilities

WYOMING

Casper
Cheyenne

400+

Fire Facilities Nationwide





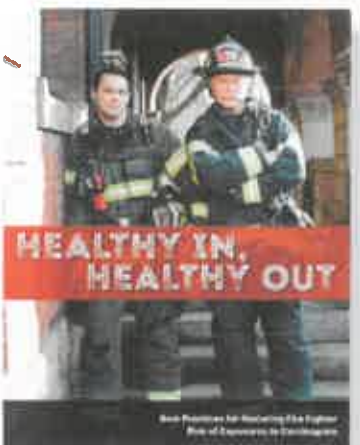
Fire Facility Design Experts +

Based on TCA's experience planning and designing more than 400+ fire stations, training facilities, and emergency facilities, we will bring our institutional knowledge and decades of lessons learned to the Fire Station 21-1 Consolidation Study. From experience, we recognize the operational and programmatic design threads common to facilities of this nature. With this understanding, we believe the design of fire facilities begins with a clear understanding of your goals, core values, District culture, collective departmental experience, and operational response needs. Being mindful of national trends, technology, high-performance building technologies, and more, we deliver forward-thinking, multi-generational facilities which are future-ready to accommodate change over time. Our body of work illustrates how we successfully balance cost, programmatic requirements, IT and security necessities, gender-neutrality, community impacts, and many other issues that inform the decision-making process. Having a strategy for analyzing this information in an efficient, clear, and meaningful way is vital. With TCA on your team, you can trust that your consolidated Fire Station 21-1 will align with your design expectations, and support your operational needs well into the future.



LOCAL + NATIONAL LEADERSHIP

Beyond our specialized practice focusing on fire facilities, TCA is sought out nationwide to provide seminars, lectures, and workshops on various emergency design topics ranging from training to cross-contamination to Zero Energy design. For more than a decade, TCA has provided pro bono fire station design consulting services to hundreds of cities, districts, and volunteer groups through our 1-on-One Station Design Seminars sponsored by Fire House and Fire Chief magazines. As a testament to our expertise, in 2018, the Washington State Fire Chief's Association elected Principal Brian Harris as their Director of Fire Facility Education. Brian continues to hold this esteemed position today, sharing his fire facility design expertise to Fire Districts and Fire Departments across the state.



CROSS CONTAMINATION + COVID-19

Nationally, TCA is engaged in efforts to bring awareness to the inherently complex contaminate risks within emergency facilities. We believe understanding and addressing occupational exposure in rescue facilities is critical. TCA has championed safety efforts to reduce Covid-19 impacts, cross-contamination, MRSA, slide pole accidents, and cancer-causing chemicals and particulates in rescue facilities. TCA's Puget Sound Regional Fire Authority facilities were used as models for the "Healthy In, Healthy Out" study to encourage safe and healthy practices from a responder's first day to retirement. Over a dozen TCA facilities have been surface tested by a University of Washington Field Research Group as part of a Western Fire Chiefs' partnership. It is critical to address standards relative to infection control, health-related fitness, and maintenance of PPE's and hot zone design strategies to bring awareness to containing and reducing exposure to contaminants.

Resilient Design +

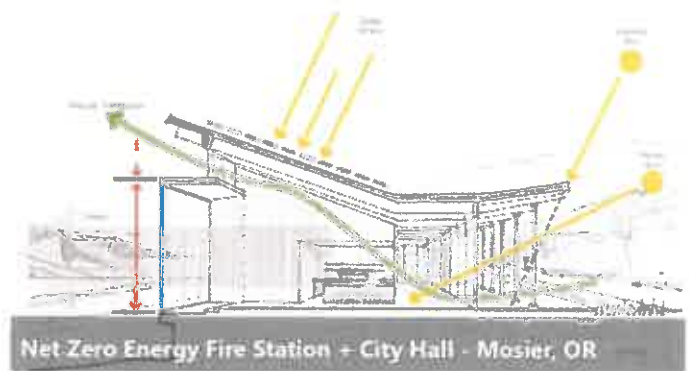
Sustainability is an important part of TCA's mission. Though we do not feel LEED certification is necessary to develop a high functioning, energy efficient, durable, and resilient project, we are well versed in several sustainability metrics. We have been involved in the design of over a dozen LEED certified facilities including the first LEED certified fire station and training facility in the country, and are one of the few firms in the country that has designed a LEED NC V4 station. We worked directly with the Green Building Certification Institute (GBCI) developing and testing a third party certification process for the Federal Guiding Principle Metric on the Bureau of Reclamation, Grand Coulee Dam Fire Station project and are designing a Zero Energy carbon neutral station in Mosier, Oregon.

TCA is actively researching and publishing articles on fire station design, firefighter health, and facility resiliency in an ever-changing environment. It is vital for us to stay at the forefront of new information and to educate the community of the benefits of high performing, sustainable, and resilient facilities. Our work, office culture, active role in fire service organizations, testing of the resilient RELi Action Metric through the 100 Resilient Cities Initiative, and our membership to the US Green Building Council and AIA 2030 reflects our commitment to designing high performing sustainable buildings. We continuously connect with clients we have worked with to collect feedback on the performance of a building throughout its lifetime. This background outreach gives us a broad context to develop design solutions for future projects.

Beyond benchmarks and metrics, we believe in the simple premise that an emergency facility needs to be resilient. As we plan each facility, we take an intentional approach to ensure buildings are future-ready by addressing likely scenarios such as:

- Internal/external infrastructure stresses and ramifications of daily use - envelope, finishes, general products in a facility
- Accommodation of programmatic change overtime- staff, equipment, deployment, emerging and future technologies
- Emergency responder health and safety - hot zones, detoxification, product selection
- Performance during a natural or human-made disaster
- The local site and community circumstances - how should the facility reflect its changing community over time?
- Siting, orientation, and programmatic adjacencies to maximize natural resources
- Protecting the environment for the next generation - Environmental stewardship
- Building life cycle costs - materials, systems, that are good quality and reduce maintenance costs throughout the life of the building

This year, TCA committed to join the AIA 2030 Commitment program and its goal of carbon-neutral buildings by the year 2030. This multi-year effort will be required to alter current design and construction practices and realize significant reductions in the use of natural resources, non-renewable energy sources, and waste production, and promote regeneration of natural resources.



Critical Project Elements +

STANDARDIZATION

As communities maintain, renovate and plan new facilities, we have found that standardization of equipment, systems, and other building products can ease long-term maintenance and reduce the cost of building ownership. We will work closely with your District to identify potential savings and areas of product standardization to ensure your new facility maximize efficiencies in the long run.

RISK ANALYSIS

At the onset of project planning, we will work with the District to identify as many potential budgetary and scheduling risks as possible, and continue to track and monitor these for the duration of the project. TCA brings an institutional knowledge of seeing project risk unfold on several hundred fire stations. Our expertise in managing overall project risk will ensure there will be no surprises.

RESILIENCY

Across the country we are seeing an emerging need to design facilities that can better evolve over time due to technological and programmatic change by providing improved strategies to withstand an increased frequency of both natural and man-made disasters. With these considerations in mind we will review what resiliency means up-front for District 1



TURNOUT EFFICIENCY

As stations have become larger due to programmatic requirements, turnout times within stations have become extremely important. Working through real-life turnout modeling TCA has performed on several dozen stations, we will share tested strategies on day-time and night-time space relationships and evolving cross-contamination mitigation strategies that will be used to reduce turnout times.

PHYSICAL, EMOTIONAL, & MENTAL HEALTH

We have worked with departments that have experienced tragedy, firefighters struggling with PTSD, depression, sleep disorders, and long-term health issues. We are keenly aware of how design can help mitigate the detrimental occupational impacts on responders' health and welfare. Careful attention to sleeping room design, alerting systems, tunable lighting strategies which align with circadian rhythms, being aware of color impact on emotional wellness, providing places for interaction, rehab, retreat, and connecting to nature through biophilic design are all strategies to help mitigate these impacts.

SEQUENCING & ADJACENCIES

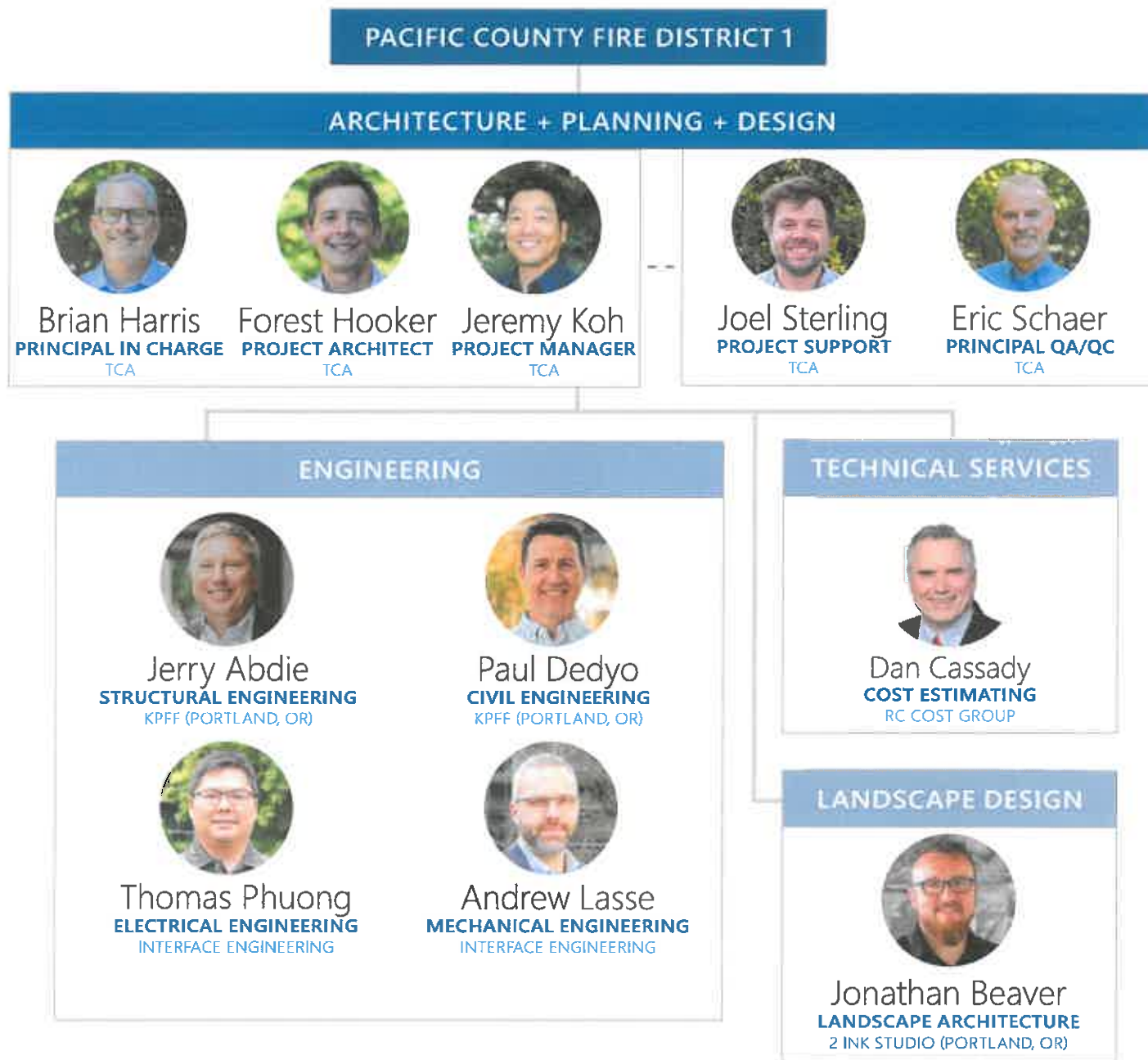
Spatial relationships and adjacencies will be informed by operations, how you do business, and supplemented and analyzed against TCA's experience of industry best practice and evidence-based design. At times they may be at odds with other objectives. Our plan is the explore alternatives which find the best of both worlds without undermining safety, efficiency, and primary day-to-day operations.

OPERATIONAL CHANGE MANAGEMENT

With the design of this new facility will come operational changes which could result in implementation and acceptance challenges due to current culture. Since we will be designing for the "firefighter wildcard" we will be discussing the importance of intentional change. Why is this important? What is changing? How do you prepare and adapt?

Our Team +

We are excited to have the opportunity to work with Pacific County Fire District 1 every step of the way and we are dedicated to your fire station consolidation projects' success. Our combined expertise will bring the unique opportunity to reap lessons learned from hundreds of Fire Districts and Departments. In the selection of our consultants, we consider fire facility expertise, our history with these firms relative to timelines, ease of communications, quality of work, proximity to your District, and their specific knowledge with fire facility design. Our objective is to participate in an integrated project approach working closely with your stakeholders to ensure that the right decisions are made to generate the best project outcome.



PROJECT MANAGEMENT

TCA will take the teams' leadership role and be in charge of driving all aspects of the project. Day-to-day correspondence will occur through TCA Project Architect Forest Hooker and supported by Project Manager Jeremy Koh, with oversight at key intervals with TCA Principal Brian Harris. TCA is a strong proponent of having the Project Architect and support staff work together and be fully engaged during the entire duration of a project to ensure project continuity and the development of operationally appropriate facilities. During the course of the project, we propose having meetings which are date and time certain in order to maintain project efficiencies and assure that all necessary parties, that have decision making or input roles, can be in attendance based on project need. To service and manage your projects efficiently, we will schedule in-person regular meetings, use virtual meetings, electronic communications, and will make site visits at appropriate intervals through the duration of your project.



Brian Harris

AIA, LEED AP BD+C, NCARB

TITLE Principal

ROLE Architect of Record - Fire Facility Design Expert

FIRM TCA Architecture + Planning, Inc.

Principal Brian Harris has developed a unique insight into the design of fire stations through the planning of over 200 facilities. Brian has had a diverse and well-rounded career providing services to fire departments and fire agencies across the United States. Brian has won numerous awards and frequently writes and lectures about firefighter safety, hot zone design, multi-use facility design, security in public facilities, trends in public sector design, and sustainability. Brian has extensive experience in project delivery methods for fire station projects including CMaR, GC/CM, Design Build, Design Bid Build, and Progressive Design Build. Brian will be engaged throughout the project and provide fire facility design leadership to ensure the team meets the project goals from the initial programming effort through project completion. Brian will be responsible for overseeing fire design project staffing and program updates, design direction, resiliency, health and wellness goals, and ensuring client expectations are met.

SPECIALIZATIONS

- Hot Zone Design & Cross-contamination Mitigation
- Future Proofing
- Fire Station Sustainability & Resiliency
- Operational Change Management

EXPERIENCE

- 35 years total
- 32 years with TCA

EDUCATION

- Bachelor of Architecture, University of Oregon
- Architectural Studies, University of Idaho Rome Academy

CERTIFICATIONS

- DBIA, Member 1136513
- Licensed Architect CA, KS, TN, TX, UT, WA 6235, WY
- AIA - Post Disaster Safety Assessment Certification

AFFILIATIONS

- AIA Capital Projects Policy Committee
- AIA/WA Sustainable Design Policy Committee
- Member, WA State Firefighters Association
- Member, Washington Fire Commissioners Association
- Member, Washington Fire Chiefs Association
- Member, National Fire Protection Agency

PROJECT EXPERIENCE

PORTLAND FIRE & RESCUE, OR

- LEED Gold Fire Station 21 & Marine Rescue

CITY OF MOSIER, OR

- Fire Station & City Hall

CLALLAM 2 FIRE & RESCUE, WA

- District-wide Facilities Needs Assessment

CITY OF KIRKLAND, WA

- Site Analysis and Consolidation Study

SOUTH WHATCOM FIRE & RESCUE, WA

- Fire Facilities Feasibility Study

CITY OF KENNEWICK, WA

- City-wide Municipal Facilities Evaluation & Needs Assessment, Fire Station Proto-type Manual
- Fire Stations 3 & 5

YAKIMA COUNTY FIRE DISTRICT 3, WA

- Naches Fire Station

YAKIMA COUNTY FIRE DISTRICT 5, WA

- Sawyer Satellite Fire Station 7

CITY OF WALLA WALLA, WA

- Fire Station 11-2

CITY OF ANACORTES, WA

- Summit Park Fire Station Addition Feasibility Study
- Drafting Pit
- Fire Station 3

CAMANO ISLAND FIRE & RESCUE, WA

- Capital Facilities Plan
- Fire Stations 1-2, 1-3, 1-4 & 1-5

SOUTH COUNTY FIRE AND RESCUE, WA

- 2015 Capital Facilities Plan
- 2021 Capital Facilities Plan Update

MARYSVILLE FIRE DISTRICT, WA

- Fire Stations 62, 66 & HQ

CITY OF LAKE STEVENS, WA

- HQ Fire Station 82 Remodel

CITY OF MOUNT VERNON, WA

- Fire Facility Master Plan
- Fire Stations 2, 3, & Training Tower

CITY OF RENTON, WA

- Fire Stations 13 & 17
- Kennydale Site Test-to-fit Analysis
- 2017 Capital Facilities
- Training Tower & Maintenance Facility

KING COUNTY FIRE DISTRICT 16, WA

- Northshore Administrative HQ Fire Station 51 & Training Tower

CITY OF LEWISTON, ID

- Analysis for three Fire Stations and one administration building, and GIS Support

CITY OF BELLEVUE, WA

- Fire Station 5
- Fire Station 10 Feasibility/Site Study

CITY OF SNOQUALMIE, WA

- HQ Fire Station & EOC

CITY OF SEATTLE, WA

- HQ Fire Station 10, EOC, & 911 Alarm Center
- Fire Facility Plan

BOULDER COUNTY, CO

- Regional First Responders Training Campus

CITY OF DALLAS, TX

- Fire Stations 27 & 50

CENTRAL VALLEY FIRE & RESCUE, MT

- Fire Station 1 & Decon Building

CITY OF BOISE, ID

- Fire Station 4 & 8

CITY OF CUSTER, SD

- Fire Department Study

CITY OF ANN ARBOR, MI

- Net Zero Energy Fire Station 4



Forest Hooker AIA, LEED AP BD+C

TITLE Associate Principal

ROLE Project Architect - Design Lead, Fire Facility Design Expert

FIRM TCA Architecture + Planning, Inc.

Forest Hooker has spent the last 18 years designing and managing more than 35+ fire station projects at TCA. Forest understands the balance of developing sustainable projects without undermining the operational criteria of a fire station. Forest brings highly refined analytical skills to each project he works on to ensure that all attributes of design and permitting are considered so defensible financial decisions are made. He has worked through complex permit processes with owners and has been able to deliver timely projects on budget. Forest has lectured and has published nationally on the complexity of fire station design codes and their nuances to ensure project success and has the unique ability to distill complex issues into clear deliverables in the design process. Forest will be responsible for the technical quality of the fire station design. Forest will help guide the needs assessment, programming, and concept designs for your project

SPECIALIZATIONS

- Fire Station Codes & Standards
- Fire Station Sustainability & Resiliency
- Hot Zone Design & Cross-contamination Mitigation

EXPERIENCE

- 30 years total
- 18 years with TCA

EDUCATION

- Bachelor of Science in Design, Magna Cum Laude Clemson University

CERTIFICATIONS

- Licensed Professional Architect WA 8284
- DBIA Member 1136513

AFFILIATIONS

- Member, WA State Firefighters Association
- Member, Washington Fire Commissioners Association
- Member, Washington Fire Chiefs Association
- Member, National Fire Protection Agency

PRESENTATIONS

Speaker, Firehouse Station Design Conference:

- "Fire House Living Building"
- "Applying Building Codes to Public Safety Facilities"

Speaker, Station Style Conferences:

- "Incident Command Approach to Fire Station Design"

PROJECT EXPERIENCE

CLALLAM 2 FIRE & RESCUE, WA

- District-wide Facilities Needs Assessment

CENTRAL PIERCE FIRE & RESCUE, WA

- Capital Facilities Plan
- Spanaway Fire Station 60, Training Tower, & EOC flex space Remodel
- Parkland Fire Station 61
- South Hill Fire Station 66 - Remodel
- Summit Fire Training Center - Remodel

NORTHSHORE FIRE DEPARTMENT, WA

- Administrative HQ Fire Station 51, EMS, EOC, & Training Tower
- Storage Facility

CITY OF KENNEWICK, WA

- City-wide Municipal Facilities Assessment
- Fire Facility Design Manual
- Fire Station 5, EMS, & Police Offices

CITY OF KIRKLAND, WA

- Site Analysis & Consolidation Study
- LEED Gold Fire Station 22 Remodel
- Fire Stations 24
- LEED Gold Fire Station 27

CITY OF TUKWILA, WA

- Prototype Fire Stations 51 & 52

CITY OF WALLA WALLA, WA

- Fire Station 11-2

CITY OF BELLEVUE, WA

- Fire Station 5 Replacement Study
- Fire Stations 10 Feasibility Study
- Fire Station 10
- Training Tower Improvements

CITY OF MERCER ISLAND, WA

- Fire Station 92 Needs Assessment & Site Test-to-Fit

CITY OF RENTON, WA

- Fire Stations 13 & 17
- Kennydale Site Test-to-fit Analysis
- 2017 Capital Facilities
- Training Tower & Maintenance Facility

CITY OF SEATTLE, WA

- LEED Silver HQ Fire Station 10, EOC, & 911 Alarm Center
- LEED Platinum Fire Station 32
- Fire Station 26 & 40, Seismic Upgrade and Remodel
- Fire Department Ventilation Study
- Fire Station 31 Siting Study
- Long Range Fire Facility Plan

CITY OF MOSIER, OR

- Net Zero Energy Fire Station & City Hall

CITY OF ANN ARBOR, MI

- Net Zero Energy Fire Station 4 Assessment

CRESTED BUTTE FIRE & RESCUE, CO

- Fire Station, EMS, SAR, & Training

CITY OF LANCASTER, TX

- LEED Silver Public Safety Building & Fire Stations 1 & 2

CITY OF BOZEMAN, MT

- Public Safety Building & EOC

DEPARTMENT OF ENERGY, WA

- Hanford 400 Area Site Fire Station

LOS ALAMOS NATIONAL LAB, NM

- LANL Fire Station

ROCKY MOUNTAIN RESCUE GROUP, CO

- Search & Rescue Headquarters Facility & Training Center

RAPID CITY, SD

- Fire Station & EOC



Jeremy Koh

TITLE Senior Project Manager
ROLE Project Manager – Fire Facility Design Expert
FIRM TCA Architecture + Planning, Inc.

Jeremy has dedicated his architectural career to designing facilities for fire service and public safety entities. He joined TCA Architecture after many years at LEA where he was project manager on their fire station projects. Jeremy's most recent LEED certified fire facilities include the Kirkland Fire Station 27 (with TCA) and Phoenix-Mesa Gateway ARFF station (with LEA), and. Jeremy has taken lead roles in system-based programming, facility needs and analysis, conceptual design & development, cost-management, and construction administration. His management skills are exceptional and his analytical thought process is invaluable. From his extensive experience, Jeremy understands the balance of designing sustainable projects without undermining operational criteria for the fire service.

ROLE

- Project Manager

SPECIALIZATIONS

- Fire Station Design
- Sustainable Design
- Space Planning & Project Management
- Code & Design Review
- Needs Assessments & Facility Evaluations
- Stakeholder Outreach & Integration

EXPERIENCE

- 20 years total
- 7 years with TCA

EDUCATION

- Master of Architecture, College of Architecture and Environmental Design, Arizona State University
- Bachelor of Engineering Major in Architecture, Department of Architecture, Kyungwon University (Gachon University)

CERTIFICATIONS

- Certificate of 1st Class Architectural Building Engineer (1998)
- National Technical Qualification Certificate, (NTQC) [98207070677K] Korea

AFFILIATIONS

- Member, WA State Firefighters Association
- Member, Washington Fire Commissioners Association
- Member, Washington Fire Chiefs Association
- Member, National Fire Protection Agency

PROJECT EXPERIENCE

CITY OF KIRKLAND, WA

- LEED Silver Fire Station 27

BUREAU OF RECLAMATION, WA

- Grand Coulee Dam Fire Station

CITY OF KENNEWICK, WA

- Fire Station 1
- Fire Station 3
- Fire Station 6

CITY OF SHORELINE, WA

- Fire Station 63

CITY OF SEATTLE, WA

- Temporary Fire Station 31

HMIS/DEPARTMENT OF ENERGY, WA

- Hanford Area Fire Station

CITY OF NORTH BEND, WA

- City Hall Concept

CITY OF SEWARD, AK

- Fire Station 1

UNIVERSITY OF ALASKA,

FAIRBANKS, AK

- Emergency Services Training Facility

CITY OF SCOTTSDALE, AZ

- Fire Station 2, LEED Platinum *

CITY OF PHOENIX, AZ

- Fire Station 59

CITY OF FLAGSTAFF, AZ

- Highlands Fire Station 23 *

PHOENIX MESA GATEWAY AIRPORT, AZ

- ARFF Station *

GLENDALE COUNTY, AZ

- Glendale Regional Public Safety Center *

** Projects completed while at LEA Architects*



Joel Sterling RA

TITLE	Project Architect
ROLE	Project Support
FIRM	TCA Architecture + Planning

Joel has gained a wide range of fire station design experience since joining TCA. He has been involved with projects from new fire stations to cross contamination analysis and mapping to joint use public safety facilities. Joel is passionate about collaborating with others, mentoring, and education.

ROLE

- Project Support

SPECIALIZATIONS

- Fire Station Design
- Sustainable Design
- Project Management
- Space Planning & Needs Assessments
- Education & Outreach

EXPERIENCE

- 4 years total
- 4 years with TCA

EDUCATION

- Master of Architecture, University of Texas, Austin- School of Architecture
- Bachelor of Science in Architecture, Ball State University- College of Architecture

CERTIFICATIONS

- Professional Architecture License WA 21011273

AFFILIATIONS

- Member, WA State Fire Fighters Association
- Member, Washington Fire Commissioners Association
- Member, Washington Fire Chiefs Association
- Member, National Fire Protection Agency
- Seattle AIA Committee on Homelessness
- Member, Emerging Green Builders
- Member, USGBC
- Member, NOMA
- Member, NSCS

PROJECT EXPERIENCE

CITY OF KIRKLAND, WA

- Fire Station 22 Remodel
- Fire Station 24
- Fire Station 27

CITY OF BELLEVUE, WA

- Cross-Contamination Analysis/ Mapping
- Fire Station 1 Electrical Room Expansion

HMIS/DEPARTMENT OF ENERGY, WA

- Hanford Fire Station Site 400

EASTSIDE FIRE & RESCUE, WA

- New Fire Station

CITY OF BOZEMAN, MT

- Public Safety Center

CENTRAL PIERCE FIRE & RESCUE, WA

- Fire Station 72



Eric Schaer AIA, NCARB, LEED GREEN ASSOCIATE

TITLE Vice President, Principal
ROLE Principal - Quality Control/Quality Assurance
FIRM TCA Architecture + Planning

Principal Eric Schaer brings the experience of having been the Principal-in-Charge on over 50+ municipal projects throughout the state. TCA believes that the principals must be involved in all phases of the design and construction document preparation process. This commitment ensures continued accuracy and accountability of the entire team. Eric is a member of a select team of fire service architects from around the country who provide lectures to educate Fire Chiefs, Commissioners and other staff on current and emerging trends in the design of fire stations. Eric will provide design review and quality control/quality assurance oversight to your projects.

ROLE

- Principal of Quality Control/Quality Assurance

SPECIALIZATIONS

- Fire Station Design
- Sustainable Design
- Code & Design Review

EXPERIENCE

- 30 years total
- 26 years with TCA

EDUCATION

- California Polytechnic State University, Bachelor of Architecture
- Consumnes River College, Associate of Science, Solar & Alt Energy Systems

CERTIFICATIONS

- Licensed Professional Architect WA 7134
- AIA - Post Disaster Safety Assessment Certification

AFFILIATIONS

- Member, WA State Fire Fighters Association
- Member, Washington Fire Commissioners Association
- Member, Washington Fire Chiefs Association
- Member, National Fire Protection Agency

PROJECT EXPERIENCE

SQUAXIN ISLAND TRIBE/MASON COUNTY FD 4

- Fire Station Concept Design

CITY OF ABERDEEN, WA

- Two Replacement Fire Stations

GRAYS HARBOR FIRE DISTRICT 2, WA

- Fire Station 31

MCLANE BLACK LAKE FIRE DEPARTMENT, WA

- Administrative HQ Concept Design
- Fire Station 95 Roof Repair
- Fire Station 91 New Diesel Fuel Station

TOWN OF CATHLAMET, WA

- City Hall, Library, Fire Station Needs Assessment

ISLAND COUNTY FIRE DISTRICT, WA

- Saratoga Road Satellite Fire Station

TOWN OF FRIDAY HARBOR, WA

- Town Hall and Fire Station Renovation and Addition

SNOHOMISH COUNTY AIRPORT, WA

- Paine Field ARFF Station

VASHON ISLAND FIRE & RESCUE, WA

- Needs Assessment & Facilities Evaluation

- Sheriff's Courthouse Remodel

SOUTH COUNTY FIRE, WA

- Maintenance Facility
- Master Plan Study (2000)
- Headquarters Interior Renovation
- Hilton Lake Fire Station 12
- Brier Fire Station 18
- Martha Lake Fire Station 21
- 156th Street Fire Station 10
- 9/11 Memorial

SNOQUALMIE PASS FIRE & RESCUE, WA

- Fire Station 291 (ARRA Grant)

CITY OF SEATAC, WA

- Fire Station 45

SPOKANE CO FIRE DISTRICT 13, WA

- Newman Lake Fire Station

SPOKANE INTERNATIONAL AIRPORT, WA

- ARFF Station

SNOHOMISH COUNTY FIRE DISTRICT 19, WA

- Silvana Fire Station 94 Remodel

KITTITAS FIRE AND RESCUE, WA

- Headquarters Fire Station 2-9

NORTH WHIDBEY FIRE & RESCUE, WA

- Administrative HQ Concept Design

CITY OF MOSES LAKE, WA

- Headquarters Fire Station

- Training and Burn Building

SNOHOMISH COUNTY FD 4, WA

- Master Plan (2012)

- Station 41 Renovation

SNOHOMISH REGIONAL FIRE & RESCUE, WA

- Fire Station 33

- Fire Training Center

- Mill Creek Fire Station 76

EASTSIDE FIRE & RESCUE

- 20+ Fire Station Projects

CITY OF BELLEVUE, WA

- On-Call A/E Services 2011-Present

- City Hall Restroom Upgrades

CITY OF SHORELINE, WA

- Fire Station 63

CITY OF BELLEVUE, WA

- Fire Stations 3, 5, & 7 Remodel

- On-Call Architectural Services

CITY OF SEATTLE, WA

- Police Department South Precinct Gender Neutral/ADA Locker Rooms TI



Jerry Abdie PE, SE, LEED AP

TITLE Principal-in-Charge

ROLE Structural Engineer

FIRM KPFF



ROLE

- Structural Engineer

SPECIALIZATIONS

- Fire Station Structural Design & Code Requirements

EXPERIENCE

- 35 years total
- 35 years with KPFF

EDUCATION

- Master of Science, Civil Engineering, University of Washington
- Bachelor of Science, Civil Engineering, Oregon State University

CERTIFICATIONS

- Professional Structural Engineer CA, ID, OR, WA
- Professional Engineer AK, CA, CT, KY, ME, MS, NM, OH, OR, WA
- ATC-20 OR

AFFILIATIONS

- Structural Engineers Association of Oregon
- American Council of Engineering Companies of Oregon
- American Institute of Steel Construction
- National Council of Structural Engineers Associations

Founded in 1960, KPFF is a collaborative and creative team of structural and civil engineers and surveyors who thrive on designing innovative solutions for projects of all scales. KPFF has provided engineering services for more than 75 projects along the coast of Oregon and southwest Washington, including municipal and essential facilities. Their engineers are experienced in specifying materials with a long lifecycle that can withstand the corrosive atmosphere of coastal climates. KPFF excels at providing cost-effective site, stormwater, and utility design for public facilities. Their 30+ years of experience providing engineering solutions and designs for fire facilities includes new construction and renovations. The firm's engineers understand the important role facilities like this serve to communities and the necessity for thoughtful, cost-efficient designs. KPFF's experience collaborating with TCA Architecture includes the award-winning Portland Fire & Rescue Station 21.

As Principal-in-Charge, Jerry takes ownership of every project under his care. Attention to detail and the ability to swiftly respond to unexpected challenges are hallmarks of Jerry's work. With a natural inclination toward the visual arts, architecture and science, Jerry is inspired by creative building design and highly motivated to help clients realize their goals. He has provided structural engineering direction on many emergency facilities, including previous work with TCA Architecture on the Portland Fire & Rescue Station 21. Jerry enjoys promoting the future of well-crafted design as a volunteer at Portland State University's architecture program, providing feedback and guidance in studio classes.

PROJECT EXPERIENCE

PORTLAND FIRE & RESCUE, OR

- LEED Gold Fire Station 21 & Marine Rescue (with TCA)

TUALATIN VALLEY FIRE & RESCUE, TIGARD, OR

- Command and Business Operations Center Seismic Upgrade

CITY OF WOODBURN, OR

- Woodburn Fire Station Seismic Upgrade Feasibility Study
- Fire Station Remodel and Seismic Upgrade

CITY OF PORTLAND, OR

- Southeast Portland Police Precinct Renovation (Kelly Building)

CITY OF CORVALLIS, OR

- Fire Department Training Facility, Corvallis, OR

CITY OF HOOD RIVER, OR

- Hood River Fire Station Renovation and Expansion

CORBETT FIRE, OR

- Corbett Fire Station Addition – Conceptual Design

SOUTH SHERMAN COUNTY, GRASS VALLEY, OR

- South Sherman County Fire & Rescue Facility Feasibility Study

CLACKAMAS COUNTY, OR

- Sunnybrook Building Seismic Upgrade and New Evidence Processing and Crime Lab

PORT OF PORTLAND, OR

- Terminal One North Building Evaluations and Feasibility Study Port of Portland

HOOD RIVER COUNTY, OR

- Hood River County Courthouse - Additional Feasibility Study

LINFIELD COLLEGE, MCMINNVILLE, OR

- Science Facilities Pre-Design Feasibility Analysis of Science Facilities,

MULTNOMAH COUNTY, PORTLAND, OR

- Multnomah County Courthouse Renovation Feasibility Study,

STATE OF OREGON, SALEM, OR

- Oregon State Hospital Due Diligence and Feasibility Study



Paul Dedyo

PE, LEED AP

TITLE Associate, Senior Project Manager
ROLE Civil Engineer
FIRM KPFF



ROLE

- Civil Engineer

SPECIALIZATIONS

- Stormwater Infrastructure
- Site, Roadway, & Utility Design
- Water & Sewer Line Extensions

EXPERIENCE

- 30 years total
- 15 with KPFF

EDUCATION

- BS Civil Engineering Tufts University

PROFESSIONAL REGISTRATIONS

- Professional Engineer / WA / 33174
- Professional Engineer / OR / 79701

AFFILIATIONS

- American Society of Civil Engineers
- American Rainwater Catchment System Association

Paul Dedyo is a KPFF Associate and Project Manager who specializes in efficient, innovative, and sustainable site planning and design. With a big-picture focus and 30 years of experience and collaboration, Paul is apt at facilitating creative design and permitting solutions throughout each phase of his projects. Paul's extensive experience in stormwater drainage and utility design includes rainwater harvesting, low impact stormwater management and hydraulic/hydrologic modeling. Paul's experience in feasibility studies and design of essential municipal facilities includes past collaboration with TCA Architecture on the award-winning Portland Fire & Rescue Station 21. He also has current and recent work along the Oregon and Washington coast.

PROJECT EXPERIENCE

PORTLAND FIRE & RESCUE, OR

- LEED Gold Fire Station 21 & Marine Rescue (with TCA)

TILLAMOOK COUNTY, OR

- Tillamook Court Annex

CLATSOP COUNTY, OR

- Warrenton Jail Relocation

THURSTON COUNTY, WA

- Tumwater Accountability and Restitution Center

U.S. NATIONAL PARK SERVICE, ILWACO, WA

- Willapa National Wildlife Refuge Headquarters

OREGON COAST AQUARIUM NEWPORT, OR

- Renovations

COOS BAY HISTORICAL SOCIETY, OR

- Coos Bay Historical & Maritime Museum

CITY OF FOREST GROVE, OR

- Park Facilities & Aquatic Center Study,

CITY OF HILLSBORO, OR

- Hidden Creek Community Center

CITY OF OREGON CITY, OR

- Willamette Falls Legacy Project Master Plan

CITY OF WOODBURN, OR

- Community Center

OMSI CENTRAL CITY, PORTLAND, OR

- Master Plan

CITY OF ASHLAND, OR

- Lithia Park Master Plan

CITY OF EUGENE, OR

- Riverfront Redevelopment

CITY OF PORTLAND, OR

- Errol Heights Stormwater Concept Design,

CITY OF PORTLAND BES, OR

- Gateway Green Streets Master Plan

CLACKAMAS COMMUNITY COLLEGE, OREGON CITY, OR

- Campus Master Plan,
- DeJardin Science Addition and Transit Center

METRO, PORTLAND, OR

- Oregon Zoo Comprehensive Capital Master Plan

SHERWOOD SCHOOL DISTRICT, SHERWOOD, OR

- New District Office,



Andrew Lasse PE, LEED AP

TITLE Principal in Charge, Senior Mechanical Engineer

ROLE Senior Mechanical Engineer, Project Manager

FIRM Interface Engineering



Interface Engineering is a multidiscipline mechanical and electrical engineering firm known for innovative resource use, visionary sustainable design and breakthrough engineering solutions for new and existing buildings. Their work demonstrates how integrated design and creative collaboration can produce outstanding results — for clients, communities and the environment. IE focuses on high-performance, pragmatic design, and to date have completed 220+ LEED certified projects and 50 Net-Zero buildings. Interface has worked with local and federal government clients to design for new construction, renovations and remodels for a variety of building types, including fire and police stations, maintenance and service shops, administrative facilities, training facilities and emergency dispatch/911 call centers.

With two decades of experience in the industry as a Mechanical Engineer and Project Manager, Andrew leads an innovate team of engineers, designers and modelers at Interface. His work focuses on finding long term, practical solutions to optimizing energy conservation, resiliency, and life cycle costs on a wide variety of commercial, institutional, retail and industrial projects.

ROLE

- Mechanical Engineer

SPECIALIZATIONS

- Mechanical Systems Design
- Cross-Contamination Mitigation
- Resilient & Sustainable Design
- Former Volunteer Firefighter

EXPERIENCE

- 24 years Total
- 14 years working with TCA

EDUCATION

- Bachelor of Science, University of Illinois at Urbana Champaign

PROFESSIONAL REGISTRATION

- Licensed Professional Mechanical Engineer: Washington, Oregon, California

CERTIFICATIONS

- LEED Accredited Professional

AFFILIATIONS

- Member, American Society of Heating, Refrigerating and Air-Conditioning Engineers
- Member, American Society of Mechanical Engineers
- Member, Cascadia Green Building Council

PROJECT EXPERIENCE

PORTLAND FIRE & RESCUE, OR

- LEED Gold Fire Station 21 & Marine Rescue (with TCA)

CITY OF KENNEWICK, WA

- Fire Station 3 (with TCA)
- Fire Station 5 Alerting & Paging (with TCA)

PORTLAND FIRE & RESCUE FIRE, OR

- Station 31 Addition and Remodel

MULTNOMAH COUNTY RURAL FPD 10, GRESHAM, OR

- Fire Station 76

NORTH COUNTRY FIRE, YACOLT, WA

- EMS Ambulance/Fire Station

CITY OF BOARDMAN, OR

- Boardman Fire Station 81

NATIONAL PARK SERVICE AND U.S. FOREST SERVICE

- East Jemez Fire Operations Center; Los Alamos, NM
- BLM Green Mountain Lookout Replacement and Living Quarters; Lakeview, OR

CITY OF CARLTON, OR

- City Hall and Police Station

CITY OF SALEM, OR

- Public Utilities Commission Call Center Tenant Improvement

CITY OF SANDY, WA

- Public Works and Transit Operations and Maintenance Facility

Klickitat County, Goldendale, WA

- County Services Building

DEPARTMENT OF HUMAN SERVICES, Klamath Falls, OR

- Multiservice Facility / LEED Certified Target



Thomas Phuong

PE, LEED AP

TITLE Associate Principal, Senior Electrical Engineer

ROLE Senior Electrical Engineer, Project Manager

FIRM Interface Engineering



ROLE

- Electrical Engineer
- Lighting Specialist

SPECIALIZATIONS

- Fire Station Electrical Design
- LEED & Sustainable Design

EXPERIENCE

- 25 years Total
- 14 years working with TCA

EDUCATION

- Bachelor of Science, Electrical Engineering, University of Portland

PROFESSIONAL REGISTRATION

- Electrical PE: Washington, California, Connecticut, Georgia, Hawaii, Maryland, Minnesota, Montana, New Jersey, New York, North Dakota, Oregon, South Carolina, South Dakota, Tennessee, Utah

CERTIFICATIONS

- LEED Accredited Professional, US Green Building Council
- NCEES Certified

AFFILIATIONS

- Member, Institute of Electrical and Electronics Engineers

HONORS

- 40 under 40: Consulting Specifying Engineer, 2016

Interface Engineering has worked with local and federal government clients to design for new construction, renovations and remodels for a variety of building types, including fire and police stations, maintenance and service shops, administrative facilities, training facilities and emergency dispatch/911 call centers. IE's Pacific County experience includes: Ilwaco Fire Station, Ilwaco, WA; Ocean Shores Hotel and Condominiums HVAC Design; Ocean Shores, WA; Quinalt Beach Resort and Casino Commissioning; Ocean Shores, WA; Washington State Parks & Rec Cape Disappointment Welcome Center and Entrance Improvements; Ilwaco, WA.

Thomas is a senior electrical engineer and team leader with 20 years of electrical design experience. He has worked on a variety of projects, all with an eye toward sustainability. Thomas values his client relationships, emphasizing an open and constant communication with all involved. He is deeply involved in mentoring junior staff and is a member of Interface Engineering's Standards Committee.

PROJECT EXPERIENCE

PORTLAND FIRE & RESCUE, OR

- LEED Gold Fire Station 21 & Marine Rescue (with TCA)

CITY OF KENNEWICK, WA

- Fire Station 1 (with TCA)
- Fire Station 3 (with TCA)

TUALATIN VALLEY FIRE & RESCUE, ALOHA, OR

- Blanton Street Fire Station

PORTLAND FIRE & RESCUE, OR

- Fire Station 16

CITY OF BOARDMAN, OR

- Fire Station 81

CITY OF SISTERS, OR

- Camp Sherman Fire Station 701

NORTH COUNTRY FIRE, YACOLT, WA

- EMS Ambulance Fire Station

Klickitat County, Goldendale, WA

- County Services Building

CITY OF CANABY, OR

- Library and Civic Center Design Build

CITY OF FLORENCE, OR

- Public Works Facility

CLACKAMAS COUNTY, OR

- Brooks Building Conversion to LEED Gold County Sheriff's Facility

MULTNOMAH COUNTY, PORTLAND, OR

- Mid-County Office Assessment

NATIONAL GUARD, CLACKAMAS, OR

- Camp Withycombe Training Center

ALAMEDA COUNTY, OR

- EV Charging Station Feasibility Study



Jonathan Beaver **PLA, LEED AP**

TITLE Principal and Lead Designer
ROLE Landscape Architecture
FIRM 2.Ink Studio

2.ink Studio

ROLE

- Landscape Architect

SPECIALIZATIONS

- Landscape Architecture
- Sustainable Technologies

EXPERIENCE

- 20 years Total
- 10 years working with TCA

EDUCATION

- Bachelor of Landscape Architecture, magna cum laude, University of Idaho, 1995
- Bachelor of Fine Art, magna cum laude; University of Idaho, 1995

PROFESSIONAL REGISTRATION

- Licensed Professional Landscape Architect: Oregon #600, California, #5587, Washington, #1574

PROFESSIONAL EXPERIENCE

- 2.ink Studio, Portland, OR; 2006–current (Principal/Lead Designer)
- Murase Associates, Portland, OR; 2002–2006 (Senior Associate/Designer)
- Walker Macy, Portland, OR; 1996–2002 (Project Manager/Designer)
- Hodge and Associates, Moscow, Idaho; 1991–1996 (Drafter/Surveyor)

2.ink Studio is an award winning landscape architecture firm based in Portland, Oregon and founded on the core belief that landscapes have a profound impact on the lives of all people. 2.ink believe that good projects come from clear and meaningful communication with our clients, a strong sense of service to our community, and playful enthusiasm for the creation of new and interesting places. For over 16 years, they have collaborated with neighboring communities and municipalities on public projects of various scales to create new public park and outdoor resources. Other project areas of expertise include education, health care, civic/institutional work, mixed-use, housing, and high-end residential. They are a small and agile firm of six people who are passionate about the projects they choose to undertake.

Jonathan has over 20 years of design experience working at a multitude of scales and typologies, including parks and playgrounds, campus site design, municipal projects, private residential, and mixed-use/multi-family. Jonathan's strong design skills bring to the work a clear sense of material craft with program and client needs to elevate ordinary landscapes into spaces of both clarity and beauty. Jonathan's focus on sustainable technology means not only doing more with less, but also helping to make the public aware of systems and processes at work that are often not readily visible.

PROJECT EXPERIENCE

PORTLAND FIRE & RESCUE, OR

- LEED Gold Fire Station 21 & Marine Rescue (with TCA)

CITY OF MOSIER, OR

- Fire Station & City Hall (with TCA)

CITY OF MILWAUKIE, MILWAUKIE, OREGON

- Milwaukie Bay Park; (current)

CITY OF PORTLAND, OR

- Gabriel Park and Inclusive Playground (2022)
- Highlands Park (2020)
- Luuwit View Park (2018)
- NE Martin Luther King, Jr. Boulevard Gateway (2012)
- Cully Park (2018)
- Dawson Park (2014)
- Columbia Boulevard Wastewater Treatment Plant Support Facility (2013)

BEAVERTON TRANSIT, OR

- TriMet SW Corridor; Beaverton, Oregon (2020)

TUALATIN HILLS PARKS & RECREATION DISTRICT, OR

- Somerset Park Master Plan; Washington County, Oregon (2016)

CITY OF BEAVERTON, OR

- Conestoga Recreation Center (2012)

SELECTED AWARDS

- Gray Magazine Award, Best Residential Project, the Dean, 2020
- Oregon ASLA Honor Award, Luuwit View Park, 2019
- Oregon ASLA People's Choice Award, Luuwit View Park, 2018
- Oregon ASLA People's Choice Award (with ESA), Cully Park, 2018
- Oregon ASLA Honor Award (with ESA), Cully Park, 2018
- National ASLA Honor Award, YARD, 2018
- Oregon ASLA Award of Excellence, Columbia Blvd Wastewater Treatment Plant Support Facility, 2014
- Oregon ASLA Merit Award, Dawson Park, 2014



Dan Cassady

TITLE Chief Cost Estimator

ROLE Cost Estimator

FIRM RC Cost Group



Dan Cassady has over 29 years of experience in cost estimating and the construction industry. Dan is currently the Chief Estimator for RC Cost Group and he will be responsible for the overall project and supervise the development of all design level estimates. His responsibilities include developing conceptual estimates at the pre-design stage, overseeing the development of all design estimates by our staff and ensuring that all costs are covered in the planning stages. Dan is very familiar with numerous project delivery methods. His extensive experience includes developing preliminary planning budgets as well as detailed cost estimates for a large array of municipal projects including dozens of essential facilities. His accuracy and construction knowledge will play a critical role in developing accurate cost estimates for your project.

ROLE

- Cost Estimator

SPECIALIZATIONS

- Fire Station, Public Safety & Essential Facility Design Estimating
- Cost Modelling & Cost Estimating
- Bid Negotiations
- Feasibility/Reuse Studies
- Pre-design Risk Assessments

EXPERIENCE

- 29 years Total
- 12 years working with TCA

EDUCATION

- AA, Hillsdale College, Michigan

PROJECT EXPERIENCE

CENTRAL PIERCE FIRE & RESCUE, WA

- Fire Station 72 (with TCA)
- Fire Station 60 Remodel & Addition (with TCA)

CITY OF ANACORTES, WA

- Summit Park Fire Station Addition Study (with TCA)
- Fire Station 3 (with TCA)

SOUTH WHATCOM FIRE AUTHORITY, WA

- Needs Assessment and Fire Station Remodel Feasibility Study (with TCA)

SOUTH COUNTY FIRE & RESCUE, WA

- Bond Planning for 18 Facilities (with TCA)

EASTSIDE FIRE & RESCUE, WA

- Sammamish Fire Station 81, 82 & 83 Cost Model Study to Remodel or Replace (with TCA)
- On-Call Roster 2022-2024 (with TCA)

KING COUNTY FIRE DISTRICT 16, WA

- Northshore HQ Fire Station 57 Remodel (with TCA)

CITY OF BOTHELL, WA

- Bond Study for 4 Stations (with TCA)

CITY OF KIRKLAND, WA

- Fire Department Site Analysis Study & Bond Study for 4 Stations (with TCA)
- Fire Station 27 Site Study (with TCA)
- Fire Station 22 Remodel (with TCA)
- Fire Station 27 (with TCA)

WHATCOM CO FIRE DISTRICT 1, WA

- Fire Station 81

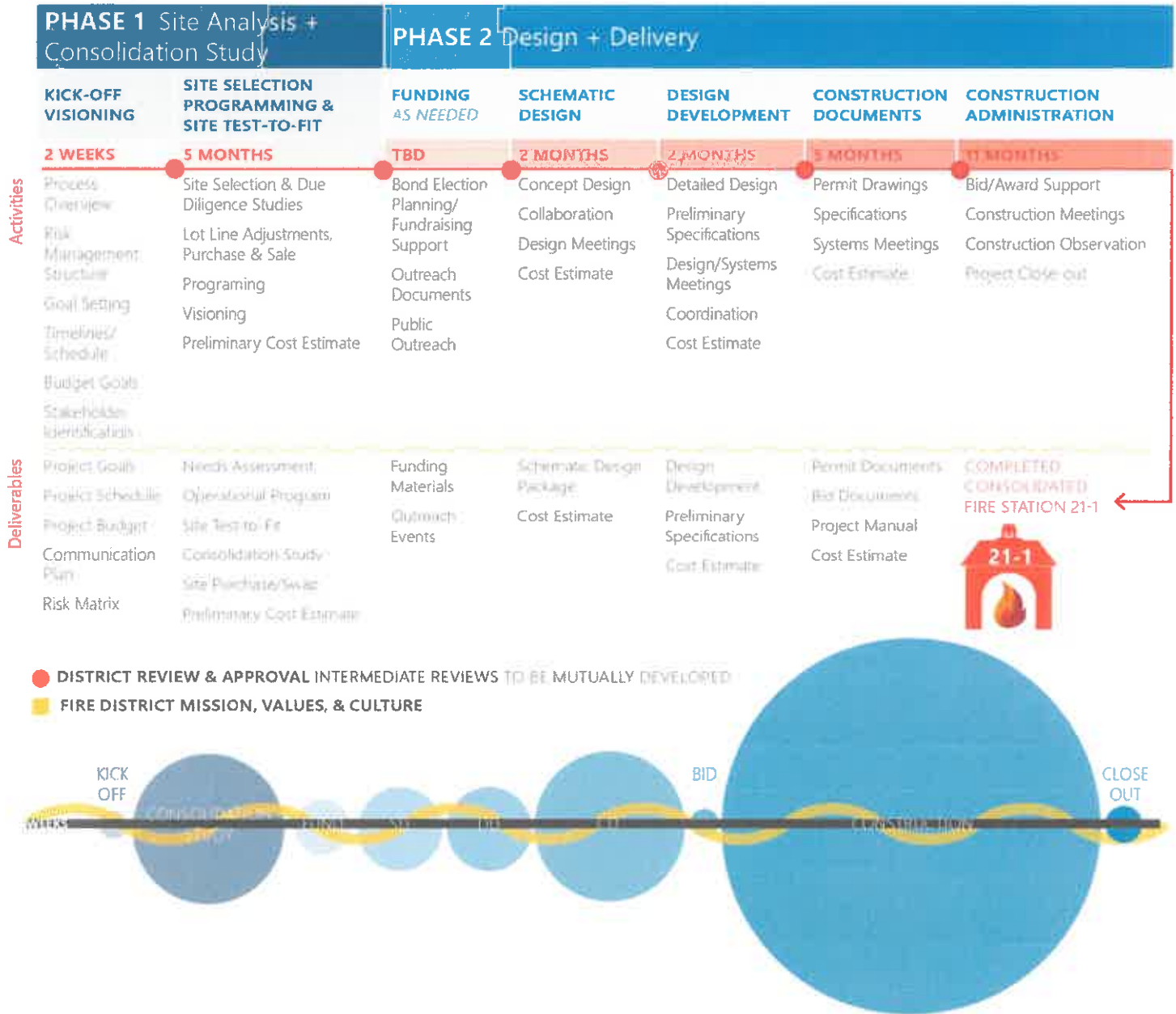
CITY OF RENTON, WA

- Fire Station 15

SOUTH KING FIRE & RESCUE, WA

- Bond Study
- Fire Stations 61, 62, 63, 64, 66, & 67 Improvements
- Fire Station 60 Fleets Facility Improvements

+ Project Outline and Schedule



PROJECT SCHEDULE

Working with you during our Visioning Workshop, we will refine the project work plan to achieve your goals. The schedule will be updated during regular milestone meetings and we will track the agreed upon schedule throughout the design process to ensure your project remains on track. As a result of having a well established team experienced in fire facility planning and design, we understand the timing and sequencing of design related issues and have the foresight to know when the appropriate questions must be asked of both the client and one another to maintain efficiencies. We will meet early and often to ensure your project remains on track. The draft project schedule (shown above and on page 20) will be reviewed and updated after the project kick-off.

DEADLINES + AVAILABILITY

TCA prides itself on meeting project deadlines. We are familiar with working on several projects at any one time and understand that the ability of a firm to be available to multiple clients as well as focusing on specific projects is a requirement for a successful A/E firm. We have reviewed our workload and are committed to meeting the schedule for your fire station projects. Based on our current staffing levels and firm-wide project schedules, we are able to commence work on your projects immediately upon award. At TCA, we believe it is imperative to have continuity on all of the projects we work on with full principal involvement from start to finish. Principal Brian Harris, Project Architect Forest Hooker, and Project Manager Jeremy Koh, will be dedicated to your project and have the available time and support staff to address all of your project needs.

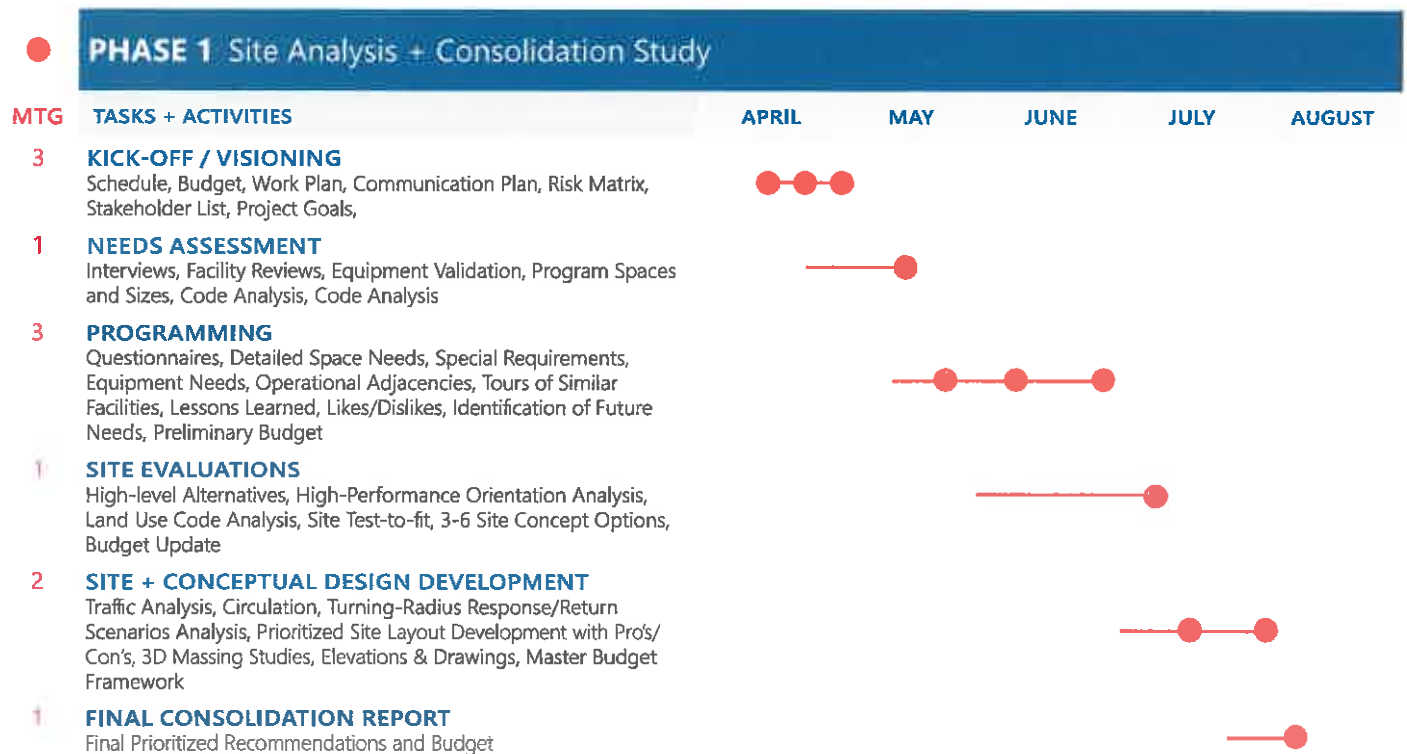


SINGLE AXLE TILLERED AERIAL - L11



TURNING RADIUS ANALYSIS

+ Project Schedule Phase 1 breakdown



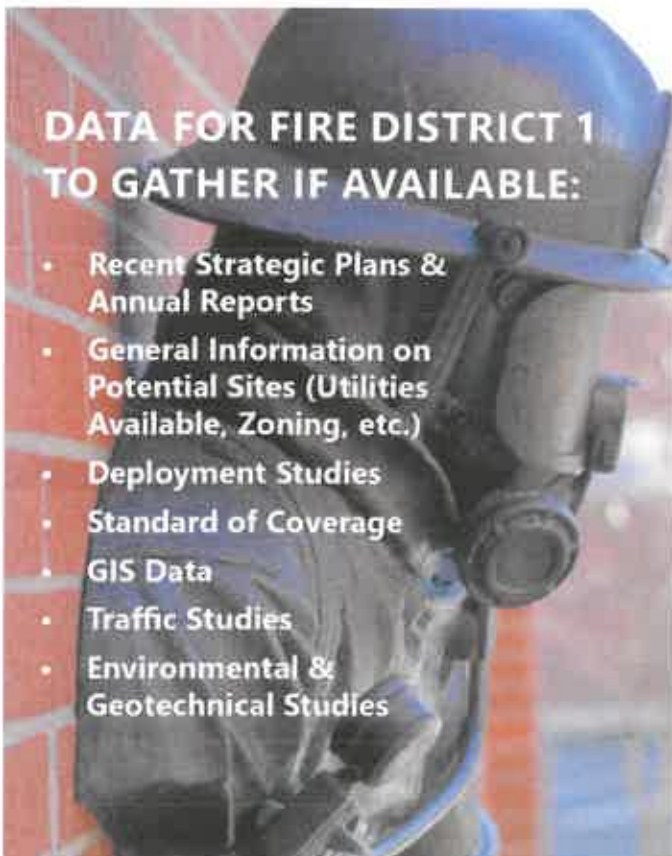
+ Phase 1

PROJECT UNDERSTANDING

We understand your main priority to be the evaluation and analysis to consolidate Fire Station 21-1 and two nearby facilities into one facility at a central location. Current facilities to be evaluated include the Main Station 21-1 (26109 Ridge Ave, year built unknown, remodel 1986, minor remodel 2001), the Administration Office (located across the street at 26110 Ridge Ave, year built 2012), and the Maintenance Annex (nearby at 26003 R St., year built unknown, addition in 1999). We will explore six potential sites and identify minimum property size needed to accommodate the current and future operational program for the Administrative, Operations, Training, Maintenance and Community Risk Reduction Divisions. We know a consolidated Fire Station 21-1 will be very important for the District and the communities of Long Beach Peninsula to improve service delivery and community investment.

KEY CHALLENGES OUR TEAM WILL ADDRESS:

- + Potential site and acquisition issues
- + Thorough investigations to ensure there are no unexpected surprises
- + Balancing wants vs. needs so the project is fiscally appropriate, defensible, and not over designed.
- + Ensuring the facility is resilient and future ready for the next 50 years
- + On-going market variability and product availability



PROJECT ORIENTATION/VISIONING

We will begin your project by holding a kick-off meeting with the major stakeholders to review the proposed work plan, align schedules, and identify general tiers of stakeholder involvement using a task assignment matrix. At this meeting we will discuss project budget frameworks, key opportunities, challenges, and risks moving forward. This meeting will be followed by a Feasibility Meeting with the PCFD1 to discuss the general aspects of the project and fine tune process timelines. From the start, we want to ensure future milestones are strategically scheduled to align with your project goals. Culminating the project start-up effort will be a "Visioning Workshop" to discuss the community and departmental culture, core values and principles, personnel involvement, mission, vision, strategic planning goals, broader forces influencing the process challenges, and risk. The goal of this effort is to prioritize goals and document the key driving principles which will establish the foundation for the project.

STAFF PARTICIPANTS

TCA (Brian, Forest, Jeremy), KPFF, Interface, 2ink, and RC Cost Group

ANTICIPATED WORK AND DELIVERABLES

- Stakeholder list (PCFD1 leadership, representatives from the Training and Education Division, Administration Division, Maintenance Division, and Community Risk Reduction Public Education Division, Firefighters, and staff, etc.)
- Refined stakeholder analysis & communication plan
- Refined project schedule and work plan
- Monthly report and meeting minute format review
- Budget framework
- Risk matrix tracking framework

ANTICIPATED MEETINGS

- Kick-off Meeting
- Feasibility Meeting
- Visioning Workshop



ADDRESSING DIVERSE NEEDS

Each project we work on requires a strong communication process between all the stakeholders and the design team. Solutions and opportunities are then developed with input and the collaboration of ideas. It is important for participants to be heard, understood and validated in the knowledge base they bring. In all cases, divergent ideas must be synthesized during the planning and design process as we best address the diverse needs of our client groups and bring clarity, inclusion and understanding to the decision-making process.

NEEDS ASSESSMENT

To begin this process, TCA has established a system of questions and pre-identified spaces that can quickly be evaluated and compared. This will provide both the PCFD1 team and the Design team with an understanding of the overall District needs for this consolidated facility. Information is compiled showing all spaces, their function, operational intent and relative size. The size is based on TCA experience with hundreds of other fire stations and user input as to what does and doesn't work in the current facilities. Using these spaces as an initial framework, TCA will develop general building circulation and wall thicknesses to calculate the general overall size of the facility. An estimate of cost per foot will then be applied to give an overall idea of the cost of the project. Site costs can also be estimated based on known soil conditions, site development size, and other factors.

STAFF PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel), KPFF, Interface, 2ink, and RC

ANTICIPATED WORK AND DELIVERABLES:

- Interviews with stakeholders
- Distributed questionnaires
- Distributed list of spaces
- Spreadsheet of all spaces and sizes
- Initial cost estimate based on needs assessment

ANTICIPATED MEETINGS:

- Discussion and presentation of data & observations

PROGRAMMING

Through our unique programming methodology, we will refine how your facilities will be used and what your facilities will need to support, now and in the future. During this process, decisions will be evaluated based on durability, cost of maintenance and ownership, energy reduction payback and operational efficiencies. All decisions will be defensible and well-documented. Key to this effort will be understanding your priorities to determine how to best support your response to the community. Our goal will be to plan a fiscally responsible, resilient and efficient consolidated facility designed to save you money in the years ahead. As the operations-based program is verified, these decisions will be used as a basis to evaluate station design. It is important to establish design criteria early on to ensure budget and program alignment. Understanding what works and does not work in your current facilities, and others we will tour together, will be imperative.

STAFF PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel), KPFF, Interface, 2ink, and RC

ANTICIPATED WORK AND DELIVERABLES:

- Project statement
- Detailed description of each space based on operations
- List of all spaces with required floor areas
- Special requirements for each space
- Equipment needs
- Identification of operational adjacencies
- Tour of similar facilities to develop a common framework of quality
- Documentation of lessons learned
- Identification of future needs
- Preliminary budget

ANTICIPATED MEETINGS:

- (2) Day-long workshops with user groups
- Meeting to present programmatic needs report



CITY OF KIRKLAND Consolidated Fire Station Site Feasibility Study

SITE 21 (DUAL STATION MODEL)

DESCRIPTION AND CHARACTERISTICS

Site 21 is located west of 84th Ave NE, it includes two parcels. The project site contains existing structures both occupied and non-occupied. The site slopes from 85th Ave NE to the west. 84th Ave NE is a public roadway that includes an asphalt paving, sidewalks, underground utilities, and storm water conveyance.



SITE 21 <small>(see page 94 for details)</small>		
LOCATION	9950 NE 132 nd St	0.58 acres +
PARCEL MAKEUP	Comprised of 1 parcel plus a portion of a parcel to the north is needed	
STATION RESPONSE MODEL	"Dual Station Model" (see page 3)	
DESCRIPTION	Previous gas station location which has been demolished. Site is a corner parcel with retaining to the north and west sides.	
STATION 2 STORY	2 Story crew area, single story at apparatus bays, 3 drive-through bays	
	PROS	<ul style="list-style-type: none">▪ Located well for "Dual Station Model"▪ Site does not impact residential neighbors▪ Site location provides improved response per Standard of Coverage Study▪ Site has 2 means of egress in and out of site
	CONS	<ul style="list-style-type: none">▪ Environmental studies will need to occur to determine if the soil is contaminated from its previous use▪ Site is at major intersection, signal preemption may be required
SITE DEV/ROW COST	\$1,344,338 (soil mediation not included)	
BUILDING COST	\$4,233,730	
LAND ACQUISITION COST	Cost TBD- Approximate fair market value is \$1,700,000 (see page 95)	
<i>* Does not include soft costs which are typically 45-50% of construction costs not including land purchase</i>		

SITE EVALUATIONS + TEST-TO-FIT

Following the programming validation effort, high-level site test-to-fit diagrams and sketches will be developed in consideration of the previous plans to demonstrate how the programmatic elements for your facility would be accommodated by validated space needs, broad functional relationships and activities, vehicular flow, visiting apparatus parking, public/employee parking, secure zones, general building arrangement. The objective of this initial quick "Feasibility Study" step is to identify a whole range of site options without detailed evaluations which may cloud a creative solution.

Each alternative will study the ideal building orientation for maximum energy efficient design and include the development of a high-performance checklist for possible elements to consider for long-term operational savings. Maintenance costs are an important part of the planning process. Durability and low-hanging, high-performance facility goals can be incorporated into the facility standards and ultimately be factored into the overall project budgets.

STAFF PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel), KPFF, Interface, Zink, and RC

ANTICIPATED DELIVERABLES:

- High-level building and site test-to-fit diagrams, siting opportunities (3-6 plan concepts), & matrix identifying program accommodation
- High-performance facility design accommodation

ANTICIPATED MEETINGS:

- Meeting to present test-to-fit diagrams



OPTION A



OPTION B



OPTION C

EVALUATION CONSIDERATIONS

RESPONSE

- Delivery of Service
- Traffic and Street Configuration
- Risk Vulnerability

FINANCIAL

- Site Acquisition Cost
- Development Cost
- Land Swap Opportunities

DESIGN/CONSTRUCTION COST

- Site Environmental Remediation
- Soil/Groundwater

SITE

- Size and Configuration
- Topography
- Utility Infrastructure
- Geologic Make-up

LAND USE/CODE

- Allowable Use/Conditional Use Issues
- Allowable Area/Impervious Area/Height, etc.

COMMUNITY

- Operational Impact
- Safety
- Noise



Fire Station 62 - Spanish Fork, UT

SITE + FACILITY CONCEPT REFINEMENT

After the approval of the building program and identification of the preferred test-to-fit alternatives for each of the two proposed fire stations, the next step in the process will include the development of refined concepts (2-3 preferred) for review. During this process we will conceptualize, compose, and design your preferred schemes for input.

STAFF PARTICIPANTS

TCA (Brian, Forest, Jeremy), KPFF, Interface, Zink, and RC

ANTICIPATED DELIVERABLES:

- Traffic analysis- on and off site
- Circulation, turning radius, response and return scenarios
- A listing of pros / cons for each concept
- A review of prioritized needs
- Plan flexibility and growth potential
- Community concerns/impacts
- Identification of a recommended concept based on refinement
- Deployment review
- Additional reviews with regulatory agencies to confirm requirements for design, land use, and building permit requirements based on the design concepts
- Other drawings as required to describe your project
- Final Consolidation Report

ANTICIPATED MEETINGS:

- Presentations to solicit input regarding the design alternatives
- Final Report Findings Presentation

OUTREACH

TCA has extensive experience bringing groups of people together during the planning, funding, and design process. This process typically involves multiple stakeholders, users, and governing bodies that will ultimately shepherd the project through the planning, funding, and implementation process. We have found that this early and continuous communication and outreach efforts will ultimately benefit your project goals. On many past projects, we have coordinated neighborhood meetings to hear concerns prior to actual work scope implementation. This can be achieved by holding community meetings to discuss and show how the project team is addressing issues and concerns that have been raised. Typically we would suggest conducting two community meetings. Depending on circumstances and timing, we may utilize an online platform for these meetings. The first meeting would introduce the project and provide an orientation of target goals, schedule and overview of next steps. The second virtual meeting will solicit input on the developing plan and integrate a visioning exercise (if appropriate). This final meeting will integrate comments from in the first meeting and how the concerns and opportunities have been addressed and a discussion of the next steps in the process. In-person events or small guided tours can also be developed as outreach strategies.

STAFF PARTICIPANTS

TCA (Brian, Forest, Jeremy), KPFF, Interface, Zink, and RC



1 Determine Need

- Population Growth?
- Special facility requirements?
- Equipment needs?
- Vehicle needs?
- Firefighter recruitment? Functionally inadequate facilities?
- Changes in local industries?
- Interagency agreements
- Partnering Fire Districts

2 Finance Plan

- Determine finance team & define responsibilities
- Hire bond underwriter & attorney
- Identify & analyze finance options
- Identify the "best" election dates & why
- Evaluate public disclosure commission rules
- Analyze constituents

3 Strategize

- Form Citizens Advisory Committee
- Recruit volunteers
- Register with the state
- Educate community on why a levy is needed
- Research grants and their timelines

4 Promote

- Fundraising and budget determination
- Schedule Bond Campaign
- Endorsements
- Election theme
- Campaign materials
- Outreach (virtual & in person)
- Free media
- Frequently Asked Questions

ANTICIPATED WORK AND DELIVERABLES

- Public Meeting agenda and schedule
- Site plan options
- 3-D massing options
- Visual preference boards for feedback (optional)
- Documentation of public opinions and suggestions for exterior related design

PROJECT FUNDING

TCA has participated in supporting the funding process within the limitations of public disclosure compliance. This process is a team effort and requires several months of preparation and planning.

If bond funding is required, our experience has shown that the most successful campaigns we have been involved with were a result of a strong community education program. The best approach is to connect with the community early in the process, educate them about your needs, and personalize the service they receive. We have many examples of what other agencies have done to achieve funding for long overdue needs.

STAFF PARTICIPANTS

TCA (Brian, Forest, Jeremy) and RC

NORTH KIRKLAND FIRE STATION PROJECT

INFORMATIONAL MEETING

TUESDAY, JANUARY 24 • 7:00 PM – 9:00 PM
at JUANITA COMMUNITY CHURCH • 10007 NE 132ND ST. KIRKLAND, WA

The City is undertaking a series of capital projects to improve fire and emergency response in north Kirkland. This project, the proposed Fire Station 24, will improve response times to Finn Hill and improve Kirkland's response capability overall!

The Kirkland Fire Department would like to work with the surrounding neighborhood to describe the project, answer questions, and understand any community concerns.

MEETING AGENDA

7:00 pm - 7:30 pm	Open House
7:30 pm - 8:00 pm	Staff Presentation
8:00 pm - 9:00 pm	Questions and Answers



+ Phase 2

Development Phases typically follows a successful funding campaign.

OPERATIONS-BASED SCHEMATIC DESIGN & DESIGN DEVELOPMENT

After the completion of Phase 1, the next step in the process will include the development of schematic design alternatives. During this process, we will further develop the conceptual design. Key considerations will include turnout efficiency, hot zone design, and security-related issues. Following approval of the schematic design and budget, we will continue to refine the design in an integrated and iterative fashion until we finalize the design development phase.

TEAM PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel), KPFF, Interface, Zink, and RC

ANTICIPATED WORK AND DELIVERABLES

- Additional reviews with regulatory agencies to confirm requirements for design, land use, and building permit requirements
- Development of a schematic site plans, floor plans, and elevation drawings
- Other drawings as required to describe your project
- Outline specifications
- Scheduled presentations and outreach
- Once the schematic design concept has been approved, the projects will be further developed with an additional layer of detail using a similar process until design development is complete.
- Final SD cost estimate

CONSTRUCTION DOCUMENTS

Detailed design drawings, construction documents, and specifications for construction will be developed during this task; this is an extensive refinement process involving the client, users, and design team. The final contract document phase will include all documentation necessary for receiving contractor bid proposals and building permits. TCA has extensive permitting experience throughout the region. We are well versed in code and permitting requirements and have established long-term relationships with planning and building department officials. The key to the permitting process is understanding timelines, deliverables and expectations up-front in order to develop accurate schedules and move through the process in the most efficient manner. Many times we work with the agencies to shepherd the project through the process to ensure that the project remains a priority. TCA's proficiency with the application of codes informs project development from pre-design. Our deep understanding of the layers of codes, standards, and regulations applicable to Fire Station design allows for early identification of gray areas requiring confirmation of interpretations, e.g., emergency egress requirements for firefighter sleeping rooms.

TEAM PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel), KPFF, Interface, Zink, and RC

ANTICIPATED WORK AND DELIVERABLES

- Finalize site plans, floor plans, elevation drawings, and specifications for your project.



BID & CONTRACT AWARD

Our team has experience in multiple project delivery methods including GC/CM, CMaR, Design Building, Design Bid Build, and Progressive Design Build. A large majority of our clients typically utilize the public bidding process. TCA has extensive experience in this arena and can assist the District with any contractor questions and clarifications as needed for your projects. The bidding and review process traditionally spans a time period of six to eight weeks.

TEAM PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel), KPFF, Interface, Zink, and RC

ANTICIPATED WORK AND DELIVERABLES

- Solicit contractors to bid your project
- Advertise projects for bids
- Distribute drawings and specifications to bidders
- Answer questions by contractors and suppliers during the bid process
- Administer the bid opening and analyze the bids
- Prepare a bid recommendation based on the lowest "responsible" bidder
- Present our recommendation to you
- Issue a Notice to Proceed when authorized

CONSTRUCTION

Following the Notice to Proceed, the project team will have regularly scheduled job meetings with the contractor and owner's representatives which would be "date and time certain." This is done to review the progress of the work and to assure that the project is being built in accordance with the contract documents. During the construction process, TCA will respond to requests for information, review shop drawings, maintain meeting notes, process supplemental instructions, and review applications for payment. Principal Brian Harris, Project Architect Forest Hooker, and Project Manager Jeremy Koh, will visit the site at intervals appropriate to the stage of construction to evaluate the progress and quality of the portion of the Work completed, and to determine if the Work is being performed in accordance with the Contract Documents. On the basis of the site visits, the team will keep the Owner informed about the progress and quality



of the Work completed, and report any known deviations or deficiencies and impacts to the schedule. TCA makes it our policy to not discuss any of the construction issues with subcontractors without the Owner and Contractor's knowledge and permission. It is the General Contractor's responsibility to manage the construction, so we communicate with the General. If clarifications are minor, and the Owner approves, Field Modifications can be issued through a formal RFI, supplemental instruction or Change Order process. Major changes or changes with cost implications are approved by the Owner. TCA will review, comment, and approve as appropriate the Contractor's submitted shop drawings and product submittals. If any changes are requested or required, TCA will receive written approval from the Owner. As the project near completion, TCA will work with the District to assure the project is closed out appropriately in accordance with the contract documents.

TEAM PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel), KPFF, Interface, and RC (Dan)

WARRANTY

At the completion of the construction process the contractor will be required to turn in an operations manual containing all applicable warranty documents. Additionally, near the end of the one year installation warranty period, TCA, the District and the contractor will walk the site and building to document any warranty items and ensure the facility is operating as designed.

TEAM PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel), KPFF, Interface, Zink, and RC

+ Cost Control

PHILOSOPHY

The TCA team believes that the expenditure of public funds should be done in a very thoughtful manner to obtain the best valued facilities which are consistent with public expectations and the District's needs. Early in the planning process, the design team will work with you to fully understand the maximum allowable construction cost (MACC) for your projects. Estimating milestones will be established at the onset of the projects. Cost-effective design, efficiency, durability, and fiscal responsibility are all key issues. All of our projects are cost-driven, requiring that design decisions be carefully made in collaboration with the client to achieve the projects' goals without exceeding budgets. Effective cost control during the design phase is an essential element of successful project delivery. Finally, well-prepared and coordinated bid documents that are clear and convenient to use provide the foundation for good bidding and cost control during construction.

ESTIMATING

In order to establish estimating continuity throughout the duration of the project, an estimating workbook will be developed up-front and updated during each phase. This workbook will provide a tracking mechanism for the duration of the projects. The ability to have side-by-side budget comparisons provides the District and the design team the ability to make informed fiscal decisions as the project progresses.

PROGRAM VERIFICATION

Following the facility evaluation and programming process, an initial estimate will be prepared to establish a baseline project budget. It is imperative that hard and soft costs, escalation costs, taxes and contingencies be updated to assure that we are moving forward from a firm set of assumptions. This initial "gut check" estimate is based on historical project costs in conjunction with valuation guides, and current market conditions adjusted to the time and year of construction.

CONCEPTUAL DESIGN ESTIMATING

25% - 35% COMPLETION

At the end of the conceptual design phase, the program has been set, a "MACC" has been established, and conceptual building designs have been developed. At that time, building component estimates will be developed. Unit prices will be applied to each building element based on current market conditions, historical data, inquiries to suppliers, and cost-estimating manuals. In addition to these techniques, we will discuss the bid market contingency risk and anticipated bid date. Following approval of the estimate and any potential funding, we will begin the design development phase.



DESIGN DEVELOPMENT ESTIMATING

55% - 65% COMPLETION

At the conclusion of the design development phase, the projects estimates will be updated based on a 55% - 65% drawing, specifications, and general conditions completion level. Throughout the estimating process, TCA recommends that contingencies and alternates be incorporated into all budget estimates in order to allow for the most flexibility during the design and bid phase. The best time to discuss alternates is during the initial design phase of the project. This step will help optimize the use of your budget. When construction budgets are tight and timelines are fixed, prioritized alternates allow you flexibility throughout the project. Rapid decision-making can be made based on defined priorities. At the design development phase, the estimate will include all specified material for the projects, in addition to updated soft costs.

CONSTRUCTION DOCUMENT ESTIMATING

90% - 95% COMPLETION

Near the conclusion of the construction document phase, we will prepare a final estimate. Unit pricing will be confirmed by calling subcontractors and suppliers, prevailing wage rates will be adjusted if necessary, the plans and specifications will be cross-checked for accuracy, and all associated soft costs will be fine tuned and adjusted within the estimating workbook.

TEAM PARTICIPANTS

TCA (Brian, Forest, Jeremy, Joel, Eric), KPFF, Interface, Zink, and RC

ANTICIPATED DELIVERABLES:

- Table of cost estimate milestones
- Decision-making spreadsheet
- Establishment of MACC
- Program verification cost estimate workbook
- Conceptual Design Estimate, Design Development Estimate, Construction Document Estimate

+ Quality Assurance

It is our conviction that using a strong Quality Assurance Program will help us deliver our objective of providing a reliable and competent architectural service to our clients and the users of the buildings/spaces we design or other services we provide as architects. There is 100% commitment within the practice to the operation and upkeep of our management systems. Our systems are regularly reviewed and updated based on our goal of continued improvement from lessons-learned.

QA PRACTICES

The Quality Assurance Reviewer is a Senior Level TCA Principal who is not involved in the daily management, development and production of the project. The QA Reviewer provides independent and experienced "fresh eyes" at project development milestones and follows the following Quality Assurance Practices.

- Meet with the Project Lead and Project Architect at the start of the project to develop QA review milestones and timelines.
- QA reviews are required for each phase of design and construction document development.
- Monitor the schedule for QA reviews.
- Provide comments to the Project Architect for each review.
- Back check responses to QA review comments.
- Ensure all Client review comments on prior deliverables have been addressed.

QA PROCEDURE

Prior to the conclusion of each Document Development Phase the Quality Assurance Reviewer will:

- Review schedule for the QA review with the Project Architect
- Review the project revision log.
- Review the Project Architect's Quality Control records and comment on any additional action required.
- Review the QA review set of documents for completeness.
- Review the architectural documents for coordination.
- Review the sub-consultant documents for cross-disciplinary coordination.
- Provide comments on the QA review set (using Adobe Acrobat or Bluebeam).
- Return review set with comments to the Project Architect.
- Review the Project Architect's and all sub-consultants' responses to QA review comments. Flag missing or deficient responses for the Project Architect to resolve.
- Re-review as needed until all comments have been adequately addressed.
- Notify the Project Architect and Project Lead when the QA review is complete.





CITY OF KIRKLAND Fire Station 24

Working with City Management, Fire Department, Public Safety Committee, and the City Council, TCA developed a Master Plan and Facilities Consolidation Study which proposes the addition of a new fire station and upgrades and/or expansion to all remaining stations. The study includes operations-based programming, GIS-based analysis of current and future service demands, review of neighboring mutual response, current and future demographics and economics, analysis of over 25 sites for selection, acquisition support of new targeted sites, and public outreach for select sites. As part of the study, all facilities were analyzed based on existing and proposed deployment and staffing relative to operational needs, associated space needs, codes and standards and long-term development impacts. From this effort, conceptual site and floor plans were developed. Station analysis included spatial upgrades, seismic and systems upgrades, environmental, traffic, and geologic studies for new and expanded sites. This project was bid in a rapidly changing construction climate using the design-bid-build procurement process. The project kicked off in 2018; however, the design was delayed due to a protracted land acquisition process. CD's were put on hold until the Owner secured rights to conduct on-site investigations. CD's commenced in February 2020 while the City of Kirkland emerged as the initial US epicenter of Covid-19. By March of 2020, the fire department, faced with pandemic response issues at their existing stations, asked for a conceptual design reconsideration of Station 24 informed by TCA's concurrent efforts with infectious disease mitigation design strategies for other Departments around the country. TCA quickly generated redesign options, updated the schedule, and conducted virtual meetings to secure Owner direction. Ultimately TCA was able to accurately gauge construction costs, optimize the design, and minimize schedule impacts allowing the project to bid and remain on schedule.

HIGHLIGHTS

- + Inclusive Stakeholder & Community Outreach
- + Conceptual Programming & Multiple Site Test-to-Fits
- + LEEDv4 Silver mandated; LEEDv4 Gold targeted.



LOCATION	Kirkland, WA
SIZE	11,975 SF
FINAL COMPLETION	December 2021 On Schedule
FINAL COST	\$11.1 M
PARTICIPATING TEAM MEMBERS	
Architect of Record	TCA
- Principal-in-Charge	Brian Harris
- Project Architect	Forest Hooker
Civil	KPFF
Cost Estimating	Dan Cassady (RC)
LEVEL OF INVOLVEMENT	
Needs Assessment, Facility Condition Analysis, Site Analysis, Planning, Fire Design Manual, Operational Programming, Design, Construction Documents, & Construction Administration	
REFERENCE	
Fire Chief Joe Sanford Kirkland Fire Department 425-587-3650 jsanford@kirkland.gov	



PORTLAND FIRE & RESCUE

Fire Station 21 + Boat House

Since its original construction in 1960, Station 21 has accommodated personnel and resources to support the protection of life, property, and the environment in the City of Portland. Due to the changing demands on the fire service over the last 50 years and the development of new technologies and equipment, the existing facility could no longer support the needs of the department or the community. The station was historically prone to flooding and needed extensive seismic upgrades to meet the requirements for an essential facility, however, it was found this could not be done cost-effectively. In 2010, the citizens of Portland passed a General Obligation Bond that provided funding to reconstruct the Station on the existing waterfront site. Key programmatic technical goals were to design a resilient, durable, low maintenance, gender-neutral facility with improved security and reduced turnout times. The new LEED Gold 8,400 SF rapid response station was elevated above the flood plain requiring over 300 ft of shoreline stabilization using injection grouting in addition to the pile to support the building. The first floor features two apparatus bays with decon, bunker, and support spaces, one ATV bay, EMS support, sleeping rooms for four firefighters, and administrative offices. The second floor features a kitchen, day room, exercise room, and meeting room with views of the river.



Original Station built in 1960.

LOCATION	Portland, OR
SIZE	8,400 SF
FINAL COMPLETION	2015
FINAL COST	\$6.2 M
PARTICIPATING TEAM MEMBERS	
Fire Facility Design Specialists	TCA
- Principal-in-Charge	Brian Harris
Structural/Civil	KPFF (Portland Office)
Mechanical/Electrical Engineer	Interface
Landscape Architecture	2 ink studio

LEVEL OF INVOLVEMENT

Needs Assessment, Facility Condition Analysis, Site Analysis, Planning, Operational Programming, Design, Construction Documents, & Construction Support.

AWARD

2015 *Firehouse Magazine* Station Design Awards
SILVER Career Station Award

REFERENCE

Aaron Whelton, Architect of Record
Whelton Architecture
503-477-4471
aw@wheltonarchitecture.com



CITY OF MOSIER

Fire Station + City Hall

Located in the heart of the Columbia Gorge, the new planned City Hall and Fire Station sits above the river. The new 8,980 SF net zero energy facility will include a 697 SF Public Works garage, 4,263 SF City Hall and a 4,020 SF, 2-bay Fire Station. The station features a training room/community hall, community commercial kitchen, fire station for apparatus/equipment, operational support spaces, museum/archival storage, and community computer station. This shared facility welcomes public engagement and will be an important resilient, essential facility for the growing small city.

LOCATION

Mosier, OR

SIZE

8,980 SF

ESTIMATED COMPLETION

2022

ESTIMATED COST

\$3.5 M

PARTICIPATING TEAM MEMBERS

Fire Facility Design Specialist

TCA

- Principal-in-Charge

Brian Harris

Landscape Architect

2 Ink Studio

REFERENCE

Fire Chief Mike Renault
Mosier Fire Department
541-478-3333
mike.renault@mosierfire.com



Capital Facilities Evaluation + Needs Assessment

LOCATIONS	Kennewick & Richland, WA	
CLIENT	City of Kennewick	
START/COMPLETION	2013-Present	
LEVEL OF INVOLVEMENT	Needs assessment, facilities evaluations, Capital Facilities Plan & update, Proto-type Fire Station Design Manual, operational programming, design development, construction drawings, & construction administration	
SCHEDULE	Capital Facilities Study	2013 (Completed on time)
	Fire Station 5	2016 (Completed on time)
	Fire Station 3	Est Completion Spring 2022
	Capital Facilities Update	Est Completion Feb 2022
COST	2013 Study	\$113,537 Facility Assessment \$65,278 Fire Design Manual
	Fire Station 5	\$3.26 M
	Fire Station 3	Bid \$4.53 M
	2022 Update	\$72,240
ROLE	Architect of Record	
PARTICIPATING TEAM MEMBERS		
Architecture, Planning, Design	TCA	
Principal in Charge	Brian Harris	
Project Architect	Forest Hooker	
Mechanical/Electrical	Interface	
REFERENCE		
John Noble, Purchasing and Fleet Manager City of Kennewick 509-585-4313 john.noble@ci.kennewick.wa.us		

- Tailoring discussions, analysis and deliverables appropriate to each client sector (14)
- Development of defensible planning concepts for long-term phasing
- Analysis of the demolition & sale of existing buildings
- Land acquisition constraints and options for new and expanded facilities, site analysis & selection based on GIS analysis
- Interim & phased development of a new City Hall Campus
- Cost & funding criteria based on prioritized project commencement



CITY OF KENNEWICK

Fire Station 5

To support anticipated population growth, in 2014, a fire station design manual including scalable prototype facilities was developed to provide regional station consistency. The prototype station allows for flex-space within the stations to address programmatic diversity and individual departmental specialty needs. Station 5 is the second station to be constructed based on the manual with several more stations in the queue. While it is difficult to place a new station in an existing neighborhood, the proto-type allows for scalability by using a kit of parts with material and massing change, so it can fit within institutional, commercial, and residential settings while maintaining a civic presence. The public/crew side of the station includes core features such as a secured lobby with an adjacent space which is convertible to an aid room, community police office, or general office expansion, a community meeting/fire department flex space, individual sleeping rooms, gender-flexible shower rooms, a physical fitness area opening to an exterior covered area shared by the dining area for outdoor use, a "clean" laundry room, and easily maintained polished concrete floors. The drive-through apparatus room, with side-acting doors includes decontamination and cleaning facilities connected to a turnout gear storage and drying room, access-controlled delivery room with rated O2 storage, and a restroom to prevent cross-contamination. Unique to the proto-type is the ability to add air-locks between the apparatus room and living area when desired by the departments and the ability to flip support functions across the bay based on departmental cross-contamination zoning strategies. From a sustainability perspective, the station exceeds the Washington State Energy Code, one of the most stringent codes in the county which is targeting a 70% energy savings by 2030, incorporates an exterior thermal envelop and weather-air barrier system to limit thermal conductivity, uses a high-efficiency variable refrigerant flow system for heating and cooling, low flow fixtures, and exterior xeriscaping.

LOCATION

Kennewick, WA

SIZE

12,556 SF

FINAL COMPLETION

August 2016

FINAL COST

\$3.2 M

PARTICIPATING TEAM MEMBERS

Architect of Record

TCA

- Principal-in-Charge

Brian Harris

Project Architect

Forest Hooker

Mechanical/Electrical Engineer

Interface

LEVEL OF INVOLVEMENT

Needs Assessment, Facility Condition Analysis, Site Analysis, Planning, Fire Design Manual, Operational Programming, Design, Construction Documents, & Construction Administration

AWARD

2018 *Firehouse* Magazine, Station Design Awards, GOLD Career 2

REFERENCE

Fire Chief Chad Michael

509-585-4559

Chad.Michael@ci.kennewick.wa.us



CENTRAL PIERCE FIRE & RESCUE, WA

Midland Fire Station 63

In 1942, the Harvard, Midland, and Larchmont Fire Department (HM&L) was established as a non-profit organization funded by dances and donations. The generational Baskett family, owner of the adjacent lumbermill business which was well recognized in the community, managed in-coming requests for service for the organization from their home to the hardware store across the street. Almost 65 years later, after the construction of their 1953 station, located a block away from the family's home, the Baskett family sold the historic Baskett Lumber site to the District to construct a new 8,380 SF station, carrying on their support of the continually evolving fire district and community. Under the historical stewardship of Central Pierce Fire & Rescue, the District wanted to give back to the family and design a facility that respected the history of the community, site and family. Reflective of the organic growth and character of the original historical metal clad sawmill, the stations massing and materials are scaled to the adjacent structures and homes in the service based community while incorporating all the features of a forward-thinking facility. The station includes: three apparatus bays with source capture exhaust systems, support areas strategically located to prevent cross-contamination, cleaning stations at transition zones leading to the living areas, 6 individual sleeping rooms with locker alcoves, efficient travel paths to the apparatus room, a firefighter work area, and kitchen, dining, and dayroom functions. All finishes, and associated furnishings were selected for their sustainability, durability, ability to be sanitized, and integration into the mill concept. To further support the community, the District added a dedicated Aid Room. The site includes extensive water quality and on-site detention systems, uses salmon-safe site planning strategies, uses 80% native vegetation, and exceeds the requirements of the Washington State Energy Code, one of the most stringent codes in the country.

LOCATION Midland, WA
SIZE 8,380 SF

FINAL COMPLETION 2017

FINAL COST \$3.4 M

PARTICIPATING TEAM MEMBERS

Architecture, Planning, Design TCA
 Principal-in-Charge Brian Harris
 Project Architect Forest Hooker

LEVEL OF INVOLVEMENT

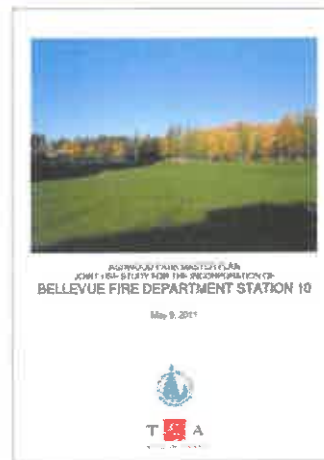
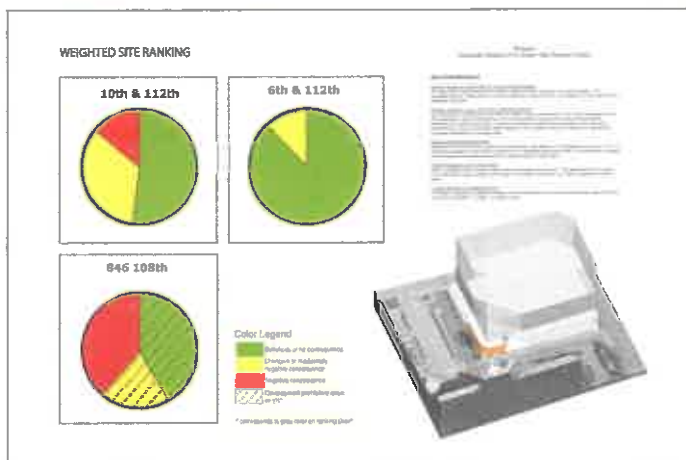
Planning, Needs Assessment, Operational Programming, Design, Construction Documents, & Construction Administration

AWARD

2017 Fire House Magazine Station Design Awards, GOLD Career 1 Award

REFERENCE

Dave Petersen, Senior Project Manager
 OAC Services, Inc.
 206-285-4300
 dpetersen@oacsvcs.com



CITY OF BELLEVUE

Fire Station 5 + 10 Site Feasibility Planning

FIRE STATION 10

TCA was extensively involved in the early development of a preliminary Fire station 10 program. This program was considered while evaluating multiple sites in the downtown core for the placement of a new facility. Through this process, a site evaluation system was developed to weigh the pros and cons of each identified site. Stand-alone building sites as well as joint use sites were analyzed.

ASHWOOD PARK MASTER PLAN -JOINT USE STUDY

This study was prepared to evaluate the conceptual viability of incorporating Fire Station 10 into Ashwood Park. It identified site constraints and expanding adjacent uses in addition to a potential multi-story community Center and goal of City park preservation. Multiple schemes were developed based on fire response, site ingress and egress and future flexibility.

FIRE STATION 5

TCA evaluated the existing condition of Station 5 relative to the needs of a modern-day fire station. Working with the City of Bellevue, the City of Clyde Hill and the Bellevue Fire Department, the existing facility was redesigned to best accommodate the desired functionality for a projected life of approximately 10 years. Through this effort it became apparent that it is an expensive facility to remodel and that the short-term benefit did not outweigh the cost and the broader goal of a facility replacement. Through this effort, TCA also gained an understanding of the implications of rebuilding a new facility on the adjacent parcel through a test to fit process.

LOCATION

Various Locations, Bellevue, WA

DATES OF SERVICE

2007-Present

STUDY COST

Fire Station 5 Study	\$37,503
Fire Station 10 Study	\$81,650
Ashwood Park	\$18,000
Master Plan Study	

LEVEL OF INVOLVEMENT

Needs assessment, facilities evaluations, site assessments, site test-to-fit, planning, cost estimates

PARTICIPATING TEAM MEMBERS

Architecture, Planning & Design	TCA
Principal in Charge	Brian Harris
Project Architect	Forest Hooker

REFERENCE

Marina Stefanovic, City Project Manager
City of Bellevue
425-542-6892
MStefanovic@bellevuewa.gov

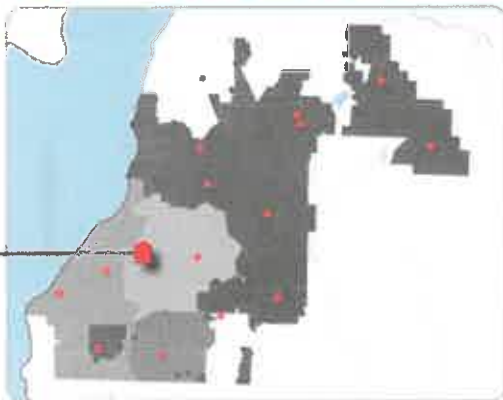
STATION 14



ADDRESS 18800 44TH AVENUE WEST
LYNNWOOD, WA 98036
YEAR BUILT 1990
SIZE +/- 4,540 SF
STORYS 1 STORY + MEZZANINE
TRAFFIC CODE NED
CONSTRUCTION CONCRETE
OWNER -9



ARCHITECTURAL	MECHANICAL	STRUCTURAL	ELECTRICAL	PLUMBING
Program	Design	Design	Design	Design
Code	Code	Code	Code	Code
Analysis	Analysis	Analysis	Analysis	Analysis
Design	Design	Design	Design	Design
Construction	Construction	Construction	Construction	Construction



ARCHITECTURAL

4 PROGRAMMING / SPACE PLANNING

Allocated space does not adequately support operational needs.

ACTION:

- The station needs ventilated and dedicated storage, a decontamination / cleaning area, operational storage, additional sleeping rooms, an adequate exercise room, increased bay sizes.

CODE / STANDARDS

- 1 Hour separation is needed between sleeping room and apparatus bays.
- Medical gas exceeds 504 cu. ft.
- Apparatus bays are undersized to meet current WAC 280-16's layout requirements.
- Provide contained decontamination and cleaning area per NFPA 1581.
- Sleeping room windows should maintain emergency egress clearances.

ACTION:

- To support operational needs, the fully equipped emergency renovation or replacement. Optimal facility location should be considered prior to any work. Reduce the volume of medical gas storage in the station or provide 1 hour rated and ventilated enclosure if gas storage is in excess of 504 cu feet per the International Fire Code.
- Any future building revisions will need to be in accordance with the latest version of the WA State Energy code. No action required at this time.
- Any future building revisions will need to address improvements to accessibility in accordance with the International Building Code and the International Code Council A117.1. No action required at this time.

1 INTERIOR FINISHES

Handwritten note: 1st condition

ACTION:

- Consider finish replacement at time of expansion/renovation.

APPENDIX D

SOUTH COUNTY FIRE & RESCUE

Facilities Evaluation + Master Plan + Capital Facilities Plan

In 2000, TCA provided a needs assessment, facility evaluations, and Master Plan for Snohomish County Fire District 1, one of the largest District's in the state. The Master Plan Study provided an operational and fiscal analysis of the District based on current and projected growth, planned mergers, annexations, staffing levels and call distribution. Following the outcome of the Plan, facilities were programmed, potential sites were identified and evaluated and TCA worked with the District, Contract Cities and neighborhoods to design and manage the construction of eight stations. TCA has continued our relationship with the District (now South County Fire), City of Edmonds, City of Mountlake Terrace, City of Lynnwood, and City of Brier and has worked on the development of an updated facilities evaluation and 2015 Capital Facilities Plan with a 5 year planning horizon. TCA recently analyzed and performed an updated assessment; this Capital Facilities Plan, identifying \$275M in prioritized project needs, was approved by the South County Board of Commissioners January 2022.

LOCATION

Various Locations, Snohomish County

CLIENT

South County Fire & Rescue

START/COMPLETION

2000/2015/2022

COST

Master Plan Cost \$178,912
Updated 2015 Study Phase 1 \$178,912
Cost Phase 2 \$124,425
Funding Support \$30,505
2022 Capital Facilities Plan \$154,930

LEVEL OF INVOLVEMENT

Needs assessment, facilities evaluations, cost estimates, 2000 Master Plan, 2015 Updated Study report, and 2022 Capital Facilities Plan

PARTICIPATING TEAM MEMBERS

Architecture, Planning & Design TCA

Principal in Charge Brian Harris

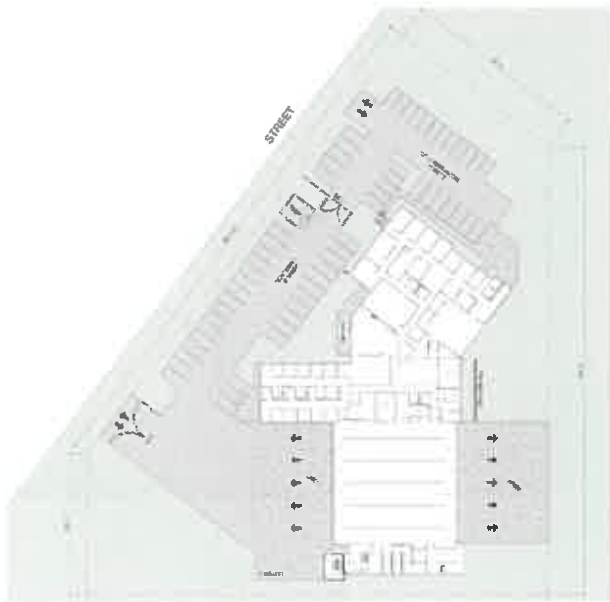
Project Architect Forest Hooker

REFERENCE

South County Fire & Rescue
Acting Deputy Chief Bob Eastman
360-652-1246
reastman@southsnofire.org



EAST ELEVATION



CITY OF ABERDEEN

HQ Fire Station Relocation

TCA evaluated the City's existing 1966 Headquarters fire station and performed a needs assessment study. From this study, a more detailed program of the specific space needs was developed to replace their aging and outdated existing facility. The study showed that the existing fire station location was too small for all the program needs, therefore renovating or replacing the existing station on the same site was ruled out. Review of potential station sites commenced and included documentation of the flood and Tsunami zones around the City. The design for the new 27,000 SF Headquarters Fire Station design consists of five double-deep, drive-through bays that allow response capabilities on both sides of the station. Along with support spaces like decontamination, gear storage, and shop space, the station has 11 single sleeping rooms, two double sleeping rooms, a kitchen, a day room, and a physical fitness room. Flexible work and meeting spaces for the crew and administrative staff are located throughout the station and include a large meeting room, small meeting spaces, and multiple offices. Key to the overall design was a single-story floor plan that establishes clear Hot and Cold zones for control of contamination within the facility by use of controlled airlocks and entry areas while at the same time organizing the spaces for maximum response times. The plan also incorporates a three-story hose drying and training tower as well as site drive areas for apparatus and hose training exercises.

LOCATION

Aberdeen, WA

SIZE

27,000 SF

COMPLETION THROUGH CONCEPT DESIGN PHASE

March 2021
Seeking Bond 2022

COST ESTIMATE

\$20,362,000

PARTICIPATING TEAM MEMBERS

Architect of Record

TCA

- Principal-in-Charge

Eric Schaer

- Principal-in-Charge, QC

Brian Harris

Cost Estimating

Dan Cassady (RC)

LEVEL OF INVOLVEMENT

Needs Assessment, Facility Condition Analysis, Planning, Operational Programming, Concept Design, Community Outreach, and Bond Election Support.

REFERENCE

Lisa Scott, City of Aberdeen
Community Development Department
360-537-3218
lscott@aberdeenwa.gov



SPOKANE VALLEY FIRE DEPARTMENT

Fire Training Facility Master Plan Study

TCA worked with the Fire Department to plan a new state-of-the-art training facility. The programming and planning study analyzed mid and long-term training needs and options for the Department to expand at their current training location or build new on another Department-owned property. While the existing site offers a familiar central location for the Department to train, the site is fraught with functional compromises. Despite not being centrally located like the existing site, the new 8-acre site is master planned to include a new training facility for departmental and regional use, a fire station, and a standalone maintenance facility. The site allows for in-service and recruit training, has the ability for growth and change over time, can support multiple concurrent training activities, addresses safety concerns relative to exiting the facility, and supports a regional training goal. Parking for daily and large events can be accommodated and there is enhanced security potential with adjacent fire station's "eyes on the facility."

LOCATION	Spokane Valley, WA
SIZE	8 Acres
STUDY COMPLETION	2022
STUDY COST	\$21 K Phase I
PARTICIPATING TEAM MEMBERS	
Architect of Record	TCA
- Principal-in-Charge	Brian Harris
LEVEL OF INVOLVEMENT	
Planning, Needs Assessment, Operational Programming, Design, & Site Analysis	
REFERENCE	
Deputy Fire Chief Frank Soto Jr. 509-290-1080 sotof@spokanevalleyfire.com	



GRAYS HARBOR FIRE DISTRICT 2 HQ Fire Station 31

TCA worked with the District to develop a needs assessment and programming document that explored flexible, alternative options for a major renovating the existing station or constructing a new one. The District choose to have a new low cost 6,659 SF fire station constructed adjacent to the existing station. This addition addresses the District's programmatic expansion needs while allowing for continued operations during construction. The new station has two drive through apparatus bays and two back in apparatus bays. Crew areas consist of 3 sleeping rooms, firefighter work area, kitchen/dining/dayroom, and station offices. The station is low-cost and durable made from wood framing with a metal roof and cement board siding. Site work included a septic system and storm water detention.

LOCATION	Aberdeen, WA
SIZE	6,659 SF
FINAL COMPLETION	October 2020
FINAL COST	\$2.95 M

PARTICIPATING TEAM MEMBERS

Architecture, Planning, Design	TCA
Principal-in-Charge	Eric Schaer
Principal QC/QA	Brian Harris

LEVEL OF INVOLVEMENT

Planning, Needs Assessment, Operational Programming, Design, Construction Documents, & Construction Administration

REFERENCE

Fire Chief Fire Chief Tom Hatley
360-532-6050
t.hatley@ghfd2.net



CITY OF KETCHUM

Fire Station 1

The project team evaluated existing facilities, developed an operational program and provided bond election support for final funding approval in 2019. The city owned site, selected from a survey of 22 sites, will include shared parking with the adjacent YMCA facility. The two-story Headquarters replacement Fire station is designed to achieve LEEDv4 Silver certification and meet Net Zero 2030 goals. The station will support a combined staff, paid and volunteer firefighters, and allows programmatic growth over a 50-year planning horizon. The station features, four apparatus bays with decon and support spaces, crew living and sleeping quarters, a community meeting room, and administrative offices.

HIGHLIGHTS

- + Civic Presence Captures Community Aesthetic and Honors History of Place
- + Improved Operations, Turnout, & Response Times
- + Community Engagement & Public Outreach for Bond Election
- + 50+ Year Facility
- + LEEDv4 Silver & Net Zero 2030 Sustainability Goals
- + Durable and Low Maintenance Materials

LOCATION

Ketchum, ID

SIZE

14,530 SF

FINAL COMPLETION

2021

FINAL COST

\$9.1 M

PARTICIPATING TEAM MEMBERS

Fire Facility Design Expert TCA

Principal-in-Charge Brian Harris

LEVEL OF INVOLVEMENT

Fire Facility Design Expert: Needs Assessment, Operational Programming, & Design Interface

REFERENCE

Fire Chief Bill McLaughlin
Ketchum Fire Department
207-727-5074 cell / 208-726-7805
bmclaughlin@ketchumfire.org



CENTRAL VALLEY FIRE & RESCUE, MT

Fire Station 1 + Decontamination Building

The new fire station lays on an undisturbed site at the northwest intersection of Airway Boulevard and Wings Way, near Belgrade, Montana. While located near Belgrade, the site is outside of the City limits, and the land is leased from the Airport Authority. The headquarters fire station includes administrative offices, a large training room, a firefighter living area to accommodate up to 16 firefighters, four double deep bays, and apparatus bay support space. The project is comprised of two buildings, the primary 22,300 SF Station, and the secondary 2,300 SF Decontamination building. The two-building concept is driven by a hot zone/cold zone cross-contamination reduction philosophy, a first of its kind. The Decontamination building is the hot zone, with the sole function to clean contaminants from equipment and personnel. Once clean, equipment will be transported to the warm zone of the Apparatus Bay in the primary Station. Further separation in the Station is the cold zone of the Living and Administration/ Operation functions. VFIS, one of the leading insurance carriers for emergency organizations is in the process of developing a short educational documentary on the health and wellness benefits of this innovative facility design.

LOCATION

Belgrade, MT

SIZE

22,300 SF Fire Station
2,300 SF Decon Bldg

FINAL COMPLETION

July 2020

FINAL COST

\$7.2 M

PARTICIPATING TEAM MEMBERS

Fire Facility Design Specialist TCA

- Principal-in-Charge Brian Harris

AWARDS

Montana Chapter of the American Council of Engineering Companies (ACEC), 2020 Engineering Excellence Awards, Structural Systems Category

REFERENCE

Fire Chief Greg Tyrone
Central Valley Fire & Rescue
406-388-4480
gtyrone@centralvalleyfire.com





FREIGHTLINER / CROSSROADS Maintenance Facilities

WHITTIER, CA This project included the assessment, space planning, renovation and expansion of a 60,000 SF administration and service facility with 22 maintenance truck bays, parts storage, body shop, wash bay, fuel island and administrative offices. Additionally the 8.8 acre site was master planned for expansion and future upgrades to existing body shops, fuel facilities, staging, and loading areas. The project was phased to allow for ongoing operations during the extensive expansion and renovation of the existing facility.

FONTANA, CA TCA provided an evaluation and master planning study to improve both the functionality and image of this 10 building complex. The final planning and design effort includes the removal of three buildings, the design of a new 7,500 SF leasing and sales building, a new 4,000 SF body shop and the remodel of the 29,000 SF administrative building including offices, retail, parts storage area and service bays. Through these improvements, the services provided at this location will be vastly improved and a new public face to the facility will be provided.

LAS VEGAS, NV This 78,000 SF operations facility incorporates 34 maintenance and body shop bays, miscellaneous support spaces, and a parts sales facility. Located in an industrial desert, its form recalls the lone trucker driving on the open road. The hot high desert setting is effectively mitigated by use of 25-foot awnings extending over bay openings on each side of an efficient linear layout. These provide deep shade for the bays, assisting in natural ventilation, and maintaining a comfortable working environment with little or no energy use.

MIRAMAR, CA This renovated and expanded 14 bay 25,354 SF facility located in Miramar, California includes vehicle maintenance, parts, and service functions to the San Diego region. In addition to the rebranding, expansion and upgrade, the facility is being upgraded to service electric vehicles, become PV ready and improve onsite drainage and storm facilities.

LOCATIONS	Various
SIZE	217,854 SF
DATES OF SERVICE	2012-2018
FINAL COST	\$19 M
PARTICIPATING TEAM MEMBERS	Brian Harris, Principal, TCA
LEVEL OF INVOLVEMENT	Needs Assessment, Programming, Design Development, Construction Documents, Construction Administration
REFERENCE	Brad Fauvre, President LA Freightliner 562-695-0511 bfauvre@laftr.com

Maintenance Facility Experience +



SPOKANE FIRE DEPARTMENT
Training & Maintenance Facility



SHORELINE FIRE DEPARTMENT
Administrative & Maintenance Facility



CITY OF SHORELINE
Park Maintenance Yard Improvements



CITY OF RENTON
Fire Station 13 On-site Maintenance Facility



CITY OF MARYSVILLE
Public Works Campus Master Plan,
Maintenance and Operations



NORTH CITY WASTEWATER DISTRICT
Maintenance & Storage Facility



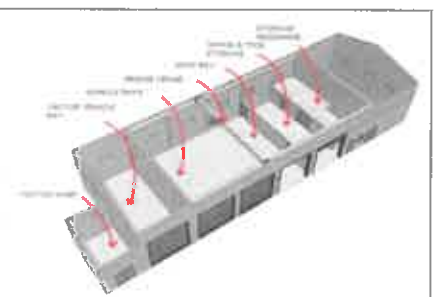
CITY OF KENNEWICK
Public Works Maintenance Facility Needs
Assessment & Facility Evaluations



PUGET SOUND REG. FIRE AUTHORITY
Roof Replacements for Fire Station 76
and Fleet Maintenance Facilities



SEATTLE PUBLIC UTILITIES
Roof Replacements for Maintenance
Equipment Facility & Meter Shop



LAKE STEVENS SEWER DISTRICT
Administrative and Maintenance Facility



CITY OF SEATTLE
South Service Center Decant, Filtration &
Vehicle Storage Facility



CITY OF SUMNER
Public Works Facility Needs Assessment
and Planning

CHIEF'S REPORT

April 19, 2022

Station 21-1

1. Personnel Information

a. Volunteer

- i. There are several new volunteer applicants that need to be processed, and are being handled by D/C Archer.

b. Career

- i. Two new part-time FF/EMT applications have been received and is being processed
- ii. We are continuing efforts to recruit qualified paramedic and EMT candidates for part-time positions. This includes soliciting applicants and encouraging staff to spread the word.

2. Interfacility transfers

a. January 1 – April 18

- i. Out-of-town = 42 (58% success)
- ii. Turned down (OOT only) = 31
- iii. Local = 49

3. Inter-agency

a. WA EMD/FEMA

- i. Nothing new to report

b. State Parks / Department of Natural Resources / USFW

- i. A/C Weatherby and I had a meeting with DNR on March 25th to address the DNR Forest Land Response Agreement.
- ii. DNR acknowledged that the conditions that were of benefit to the District were removed after signing the last agreement
- iii. We are continuing to meet with DNR to address compensation, prevention efforts, and grant opportunities.

c. PACCOM/PCEMA/Pacific County Sheriff's Office

- i. County Hazard Mitigation Plan adoption (agenda item)

d. Ocean Beach Hospital / Pacific County Health Department

- i. Nothing new to report

e. Pacific County DCD

- i. Nothing new to report

f. Other Fire Agencies

- i. A county-wide chief meeting is scheduled in May. DNR representatives will be present to discuss resource management for the county this summer. Additionally, a county-wide MOU will be discussed for in-county wildfire responses.

g. Other Community

- i. I will be working with the OP Chamber to host a public safety (fire/EMS/law) forum for the north end of the peninsula.

4. Intra-agency

a. Master Planning

- i. I am compiling information to be included in the master plan. This includes document framework, strategic plan(s), operational plan(s), and capital improvement/needs.

b. Labor-Management

- i. The labor management team met today to discuss issues impacting the bargaining unit and management. The team will continue to meet monthly, up to contract negotiations (July/August).
 - 1. Topics included sick leave management, station alerting systems, and single role EMS provider needs assessment.
- c. Facilities / Apparatus / Equipment
 - i. Nothing new to report
- d. COVID Impacts
 - i. 100% of employees/volunteers that had to comply with the Governor's vaccine mandate have provided proof of vaccination and/or a qualified exemption
 - ii. Employees or volunteers that are currently in quarantine or isolation are being tracked by A/C Bishop (Health & Safety officer).

Staff Reports - A/C Weatherby; A/C Bishop; D/C Archer; Pub. Ed. Coord. Karvia

April 2022 Call Totals

- 1. Total Calls = 252
 - a. Fire = 17
 - b. EMS = 235
 - c. Patients Transported = 140
 - d. Major Incidents:
 - March 8 – Structure Fire; Seaview
- 2022 YTD Total – 710; (2021 YTD – 589)**

PACIFIC COUNTY FIRE DISTRICT 1 STATISTICS – 2022

[illegible]

Operations and Training Report

April 2022

Grants:

DNR 1168 grant This grant was made available through the WA legislature to increase wildfire capabilities in the state. This grant has no match and a limit of \$100,000. PCFD1 has requested \$93,993.19 (includes tax) to purchase:

- 31 portable radios with chargers
- 7 wireless headset radio systems (brush engines and tenders)
- 3 fixed mount, remote controlled wildland monitors

Awards will be made by May 1, 2022 with a 1-year performance timeline (May 31, 2023).

Training:

Firefighter I Academy is progressing into the last month. PCFD1 has 10 students (Scott Elliott, Reanna Henrikson, Stacy Huddleston, Mickey Maurer, Marco Palma, Thomas Peterson, Tony Provenzano, Jordan Roos, Tyler Starks, and David Tobin). PCFD1 Instructors have included A/C Bishop, D/C Archer, Capt. DeConto, Capt. Haldeman, Capt. Raichl, FF Asplund, FF Zimmerman and myself. IFSAC Testing will occur on May 22nd at MERTS.

Acquired Structure Training Burn is scheduled for May 7th at 3203 67th, Long Beach WA. PCFD1 members have been using the house for cold drills. Neighboring agencies will be invited.

Fire Investigation FRP 174 I am teaching this term at Clatsop Community College on Tuesday nights at 6pm for 11 weeks.

Hazardous Materials On-Scene Incident Command class has been scheduled for Sept. 16-18 at ST 21-1. This course provides the tools and training needed to command HAZMAT incidents in our area.

Staffing:

Full-time positions There are no open full-time positions.

Part-time positions are still available. We have 3 part-time FF/EMT that have completed Field Training Program (Scott Elliott, Tony Provenzano, Thomas Peterson). A conditional offer of part-time FF/EMT employment has been accepted by Isaiah Smith. Isaiah will start on or about May

1, 2022. I am expecting another application for part-time FF/EMT this week. I am recruiting more applications from Clatsop Community College Fire Science program.

Facilities:

ST 21-3 Surfside siding and roofing has been completed. Dr. Roof has donated some extra work during this process and should be commended. They installed new gutters and replaced some dry rot fascia boards at no charge. Thanks Dr. Roof!

Items that need to be finished include new entry way concrete and re-attaching/repair side and back decks.

ST 21-1 Ocean Park RFP for consolidation study agenda item.

168th Training Property update from Gibbs and Olson is the SEPA checklist is completed. Detailed drawings are almost done for grading plan. Permit applications are nearly completed. I checked the property this morning for gorse and if it needed mowing yet. It should be mowed in May but no gorse was apparent in walking the property.

ST 21-2 Seaview sub flooring in the laundry room, bathrooms and kitchen was completed and new vinyl laminate flooring installed. David Williams worked on this project and was a great help. The flooring looks great and needs the trim installed.

ST 21-2 Gym Electrical cover and lighting still needs to be installed. Fixtures should be here this week. The gym ceiling was not insulated and this project to insulate and sheetrock the ceiling should reduce energy bills for that building electrical service.

Equipment:

Bunker Gear The second order has been received and issued. Crews are extremely happy with the fit, feel and features of this gear. 9 more sets are on order and expected in 3 months. PCFD1 has ordered a total of 34 sets, received and issued 25. 5 sets are reimbursable by SAFER grant. 5 more sets can be ordered for new volunteers this year under the SAFER grant.

Fire Helmets PCFD1 purchased/received and issued 10 black fire helmets from LION in the last couple months. They have been found to be defective (cracking/fracturing in the brim area). They have been pulled out of service and are being warrantied by LION. They will ship new when the defect is corrected. At least 3 other departments in WA state were affected. Ilwaco Volunteer Fire Department has loaned us some helmets until the replacements arrive. Thanks Ilwaco!

Electronic Sign has arrived and is awaiting installation.

PCFD 1 EMS Division Update April 22

- Mar EMS incidents, 158 charts in WEMSIS, 140 patients transported.
- Applied for AHA Mission: Lifeline EMS designation for outstanding STEMI care.
- OTEP training was Stroke on 4/4 by AC Bishop and DC Archer.
- PCEP training was Assessment/Geriatrics on 4/8 by Dr. Hill.
- AHA ACLS/PALS/BLS Renewal 4/20.
- AHA PEARS course 4/21.
- LNI FIIRE pilot quarterly report turned in.
- Safety Committee meeting 4/26.
- NAEMT Geriatric EMS course 4/28.
- Old surplus Stryker stretchers returned to Stryker for trade in.
- LNI FIIRE safety grant extractor approved for St 21-1, funds received 4/18.
- I completed Basic Peer Support Trainer.
- I completed NAEMT Mental Health Resilience Officer training.
- FF/PM Baker completed IAFF Peer Support training.
- Met with OBH administration regarding CQI processes to increase efficiency.
- I was announced as new NAEMSE liaison for the Geriatric Emergency Department Accreditation Program at ACEP.
- I completed EOU Finances in EMS and Multicultural Diversity college courses.
- Cardiac arrest save 4/18 with FFs Williams, Gaerlan, PM Roos.

Volunteer Division
April 2022



Total Training Hours March 2022 : 278.5

Applications in Process : 5

Upcoming April Training:

April 11 – Association Meeting (Seaview) 2nd Quarter SCBA

April 18 – Company Operations (Acquired Structure)

April 25 – Company Operations (Acquired Structure)



**WASHINGTON STATE
FIRE FIGHTERS'
ASSOCIATION**

99th Annual Conference & Fire School Registration Now Open

Registration November 2021

Friday, May 20th - 22nd 2022

Submit Training Request ASAP

Upcoming Events:

April 16 – Fire Engine Delivers Easter Bunny to the Rod Run Field Egg Hunt!

April 30 – Children's Parade in Ilwaco

May 1 – Loyalty Day Parade



Firefighter Academy – Hose Handling

