



**M E M O R A N D U M**  
**DEPARTMENT OF PUBLIC WORKS**  
**ENGINEERING DIVISION**  
County of Placer

TO: Board of Supervisors DATE: March 9, 2021  
FROM: Ken Grehm, Director of Public Works  
By: Peter Kraatz, Assistant Director  
SUBJECT: Notice of Completion / South Shore Drive Storm Damage Project / Donner Lake

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**ACTION REQUESTED**

Adopt a Resolution accepting the South Shore Drive Storm Damage Project, Contract No. 000975, as complete, and authorize the Director of Public Works, or designee, to sign and record the Notice of Completion.

**BACKGROUND**

During the winter storms of early 2017, a nearly 400-ft. long section of South Shore Drive (Town of Truckee and county-maintained road) failed from flooding and approximately 100 homes were in jeopardy of being isolated. Excessive stormwater runoff undermined the road making it unsafe and nearly impassable. The failed section of South Shore Drive was located just west of Conifer Drive near the west end of Donner Lake that straddles the jurisdictional boundary with the Town of Truckee.

Immediate emergency repair work to South Shore Drive was approved by the Board in March 2017 and completed later that month. The emergency repair was a temporary fix consisting of drainage pipe laying on the roadway shoulder. Because the road damage straddled both Placer County and the Town of Truckee jurisdictions, both the county and town shared the emergency repair effort with our own available road maintenance resources and funding.

Following the temporary emergency road repair work, the Department of Public Works developed plans and specifications for permanent construction repair work and advertised bids for construction with the support of the Procurement Services Division. The department awarded Construction Contract 000975 to F.W. Carson Co. in the amount of \$258,380 on October 24, 2017. Subsequently on July 10, 2018, your Board approved an increase to the original contract amount up to \$512,000 to account for added work identified (Add Alternate 2 to contract for redundant stormwater infrastructure) and significant unforeseen conditions including additional dewatering, utility conflicts, paving and stormwater infrastructure. Construction of the road and drainage infrastructure was deemed complete on May 1, 2019 and fully opened for public use.

The final cost for all work associated with Contract 000975 equaled \$496,649.48. Twenty-seven (27) contract change orders were issued during the project totaling \$119,007.48 and additional contract work identified as Add Alternate 2 was included totaling \$125,550. The additional contract work comprised redundant stormwater infrastructure for improved long-term road drainage and flood protection. There was also a small reduction of work from the original contract award totaling \$6,288. All combined, the small reduction, CCOs and additional contract work (Add Alternative 2) resulted in \$238,269.48 above the original awarded contract amount.

**ENVIRONMENTAL IMPACT**

The South Shore Drive Project is Categorically Exempt from the California Environmental Quality Act (CEQA) under CEQA Guidelines Section 15269(d), Emergency Projects, and specifically "Projects undertaken, carried out, or approved by a public agency to maintain, repair, or restore an existing highway damaged by fire, flood, storm," etc. The Add Alternate 2 work (even though not considered emergency repair work) was in the original plan set when the categorical exemption was originally declared, and the above findings were made.

## **FISCAL IMPACT**

The project was originally budgeted in the Department of Public Works FY 2017-18 and FY 2018-19 Final Budgets, Engineering Division, under project PJ00542, South Shore Drive Storm Damage Project. The entire project cost totaled \$686,573.64 which included the construction contract cost of \$496,649.48 and the remainder of costs to cover engineering design and construction management consultant contracts and department staff labor. A significant funding source for the project comes from the Federal Emergency Management Agency / California Governor's Office of Emergency Services (FEMA/CAL OES) as the road damage was considered under a state emergency declaration in 2017 due to winter storm damage and as such, became eligible for FEMA/CAL OES funding. To date, FEMA/CAL OES has reimbursed the project a total of \$276,235. Other funding sources included the department's road fund (\$373,543.55) and a fair share contribution from the Town of Truckee (\$36,795.09) through a memorandum of understanding for repair work that occurred along their portion of road. The final project funding amounts could change as additional FEMA/CAL OES reimbursement requests are still being processed.

## **ATTACHMENTS**

Resolution

Attachment A – Memorandum – Notice of Completion for the South Shore Drive Storm Damage Project

Attachment B – Notice of Completion

Attachment C – Contract Change Order Summary

Attachment D – Location Map

# Before the Board of Supervisors County of Placer, State of California

**In the matter of:**

A Resolution accepting the South Shore Drive Storm Damage Project, Contract No. 000975, as complete, and authorize the Director of Public Works, or designee, to sign and record the Notice of Completion.

Resolution No.: \_\_\_\_\_

The following Resolution was duly passed by the Board of Supervisors of the County of Placer at a regular meeting held March 9, 2021, by the following vote:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

\_\_\_\_\_  
Chair, Board of Supervisors

Attest:

\_\_\_\_\_  
Clerk of said Board

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BE IT RESOLVED, by the Board of Supervisors, County of Placer, State of California, that this Board adopts this Resolution accepting the improvements as complete and authorizes the Director of Public Works, or designee, to execute a Notice of Completion for the construction of the South Shore Drive Storm Damage Project, Contract No. 000975.

# MEMORANDUM

## DEPARTMENT OF PUBLIC WORKS County of Placer

TO: KEN GREHM DATE: March 9, 2021  
FROM: PETER KRAATZ  
SUBJECT: **NOTICE OF COMPLETION FOR THE SOUTH SHORE DRIVE PROJECT**

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Contractor: **F.W. Carson Co..**

Work Completed: May 1, 2019

Preliminary Estimate.....	\$250,000
(1) Contract Award.....	\$258,380
(2) Final Contract Cost:	
Completed Contract Items	\$252,092
Contract Change Orders	\$119,007
Add Alternate 2 Work	<u>\$125,550</u>
<b>TOTAL</b>	<b>\$496,649</b>

Percent of Increase (Final Cost vs Contract Award) 92%

Name: South Shore Drive Storm Damage  
Project Contract No. 000975

Recording requested by: Peter Kraatz  
When recorded return to: Peter Kraatz  
Placer County Department of Public Works  
3031 County Center Drive, Suite 220  
Auburn, Ca 95603

Exempt from Recording Fees – Govt. Code 27383

Space Above for Recorder

**NOTICE OF COMPLETION**

**COUNTY OF PLACER  
DEPARTMENT OF PUBLIC WORKS  
3091 County Center Drive, Suite 220  
Auburn, CA 95603**

**NOTICE IS HEREBY GIVEN, pursuant to California Civil Code Section 3093, that the following Contractor, to wit: F.W. Carson Co., performed and completed, for the County of Placer, State of California, the following contract, work of improvement, to wit: South Shore Drive Storm Damage Project.**

The property is owned by the County of Placer.

Said work was completed and accepted on May 1, 2019

Executed this \_\_\_\_\_ day of \_\_\_\_\_ 2021, at Auburn, California. I declare under penalty of perjury that the foregoing is true and correct.

\_\_\_\_\_  
KEN GREHM, DIRECTOR  
DEPARTMENT OF PUBLIC WORKS, COUNTY OF PLACER

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

**STATE OF CALIFORNIA  
COUNTY OF PLACER**

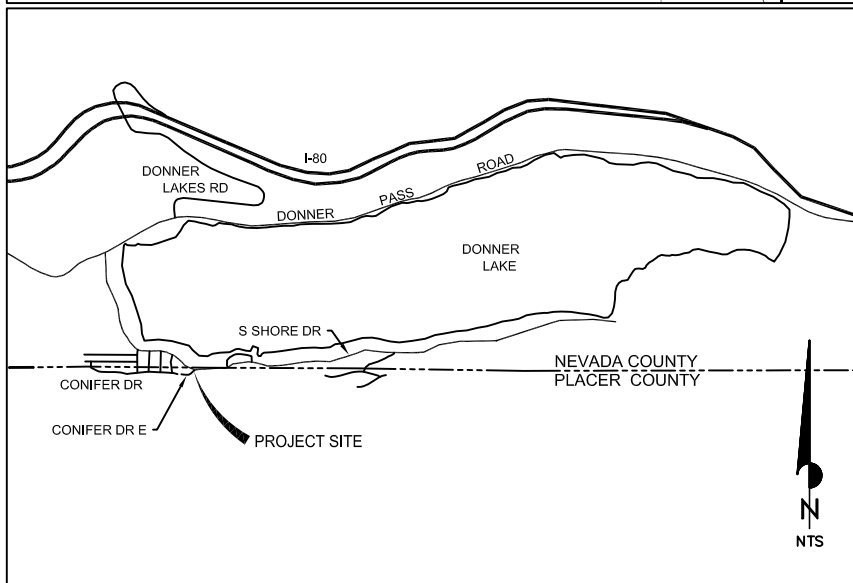
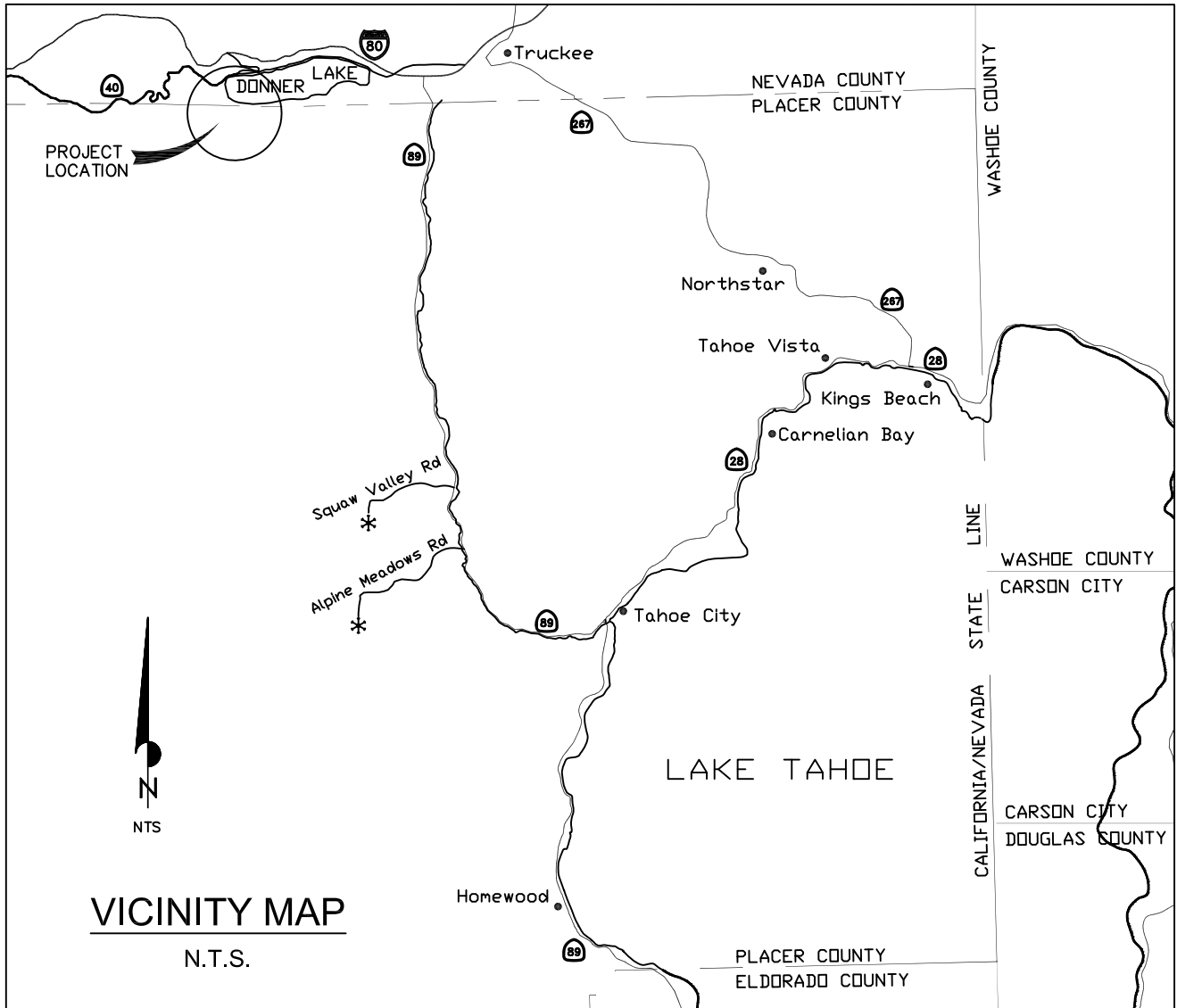
On \_\_\_\_\_ before me, **Sarah Rachael Williams**, Notary Public personally appeared **Ken Grehm**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)  
Sarah Williams

**CONTRACT CHANGE ORDER SUMMARY**  
**SOUTH SHORE DRIVE STORM DAMAGE PROJECT**

Contract No. 000975

<u>Item No.</u>	<u>Item Description</u>	<u>Amount</u>
CCO#1	Remove Concrete Swale	\$ 2,975.77
CCO#2	BMP Storm Event 11/1-11/6/17	\$ 5,383.28
CCO#3	Repair damaged unmarked water line	\$ 6,774.69
CCO#4	Deletion of SDMH#2 due to elevation of FH lateral	\$ 4,000.00
CCO#5	Overexcavate 1.0 ft below FH lateral for approx. 223 ft.	\$ 5,000.00
CCO#6	BMP Storm Event 11/15-11/17/17	\$ 2,459.14
CCO#7	Dewatering	\$ 15,000.00
CCO#8	Expedite work to finish storm drain before winter	\$ 6,148.00
CCO#9	Differing site conditions	\$ 10,764.50
CCO#10	Water quality protection Vactor Trailer	\$ 4,060.00
CCO#11	Expose 12" water Main	\$ 1,415.01
CCO#12	Replace/Repair 4" SS	\$ 1,334.92
CCO#13	Temporary AC Paving	\$ 14,688.00
CCO#14	Snow Removal for Paving	\$ 1,896.37
CCO#15	Repair Storm Event (11/15-11/17) erosion	\$ 1,431.00
CCO#16.1	Amendment to Add Alt 2- Adjust/Raise existing OMPI	\$ 2,500.00
CCO#16.2	Amendment to Add Alt 2 – Adjust/Raise OMPI and add side	\$ 750.00
CCO#16.3	Amendment to Add Alt 2 – Asphalt Swale Paving	\$ 1,500.00
CCO#16.4	Amendment to Add Alt 2 – Additional Remob for Add Alt 2	\$ 7,500.00
	Amendment to Add Alt 2 – Asphalt Increase Work and A2	
CCO#16.5	Asphalt	\$ 2,464.00
CCO#16.6	CA Prevailing Wage Increase from 2017 to 2018	\$ 1,628.50
CCO#16.7	Unmarked Utility Between SDMH and KM Line	\$ 1,029.50
CCO#16.8	Changes Associated with Supplemental Drawing	\$ 6,500.00
CCO#16.9	Remove Concrete Headwall	\$ 822.82
CCO#16.10	Rock Removal Per CCD on 9/14	\$ 7,000.00
CCO#16.11	Rework Rip Rap OMPI #2	\$ 863.83
	Overexcavate and Repair Failing Subgrade per Original Contract	
CCO#17	Work	\$ 3,118.52
		<b>\$ 119,007.48</b>



**PLACER COUNTY  
DEPARTMENT OF  
PUBLIC WORKS**

**South Shore Drive  
Road Repair**

**VICINITY & LOCATION MAP**

