

TOWN OF SAN ANSELMO
STAFF REPORT
March 2, 2015

For the meeting of [March 10, 2015](#)

TO: Town Council

FROM: Sean Condry, P.E., Public Works Director
Dan Blomquist, P.E., Senior Engineer

SUBJECT: Funding Agreement for Bridge Replacement Projects

RECOMMENDATION:

That Town Council approves the funding agreement with the Marin County Flood Control and Water Conservation District for the Bridge Replacement Projects on San Anselmo Creek at Center Boulevard/ Sycamore Avenue, Nokomis Avenue and Madrone Avenue.

BACKGROUND AND DISCUSSION:

Town staff has been working with the Marin County Flood Control and Water Conservation District (District) to further the adopted Principles and Goals of the Flood Zone 9 (FZ9)/Ross Valley Flood Protection and Watershed Program in the Town which includes the replacement of bridges over San Anselmo Creek at Center Boulevard/Sycamore Avenue, Nokomis Avenue and Madrone Avenue. Replacement of these bridges has been identified as priority projects in the adopted 10-Year Work Program.

Majority funding for the replacement of the bridges will be provided by Caltrans as each bridge has been identified by the Caltrans rating system as either structurally deficient or functionally obsolete and therefore need to be replaced. The Nokomis Bridge is eligible to receive 100% funding from Caltrans because it is considered a local bridge while the other two are eligible to receive only 88.53% funding from Caltrans. Local matching funds are required to cover the remaining 11.47% of project costs plus all California Environmental Quality Act (CEQA) clearance and project management costs for all three bridges that are not eligible for Caltrans reimbursement.

The project will progress through two distinct phases. Phase One includes planning, preliminary design, CEQA and National Environmental Protection Act (NEPA) compliance, final engineering design and environmental permits, and right-of-way certification. Phase Two includes construction.

The funding agreement with the District (Attachment 1) will provide all local matching funds needed to complete the Phase One scope of work, including:

- Surveys, mapping and right-of-way engineering
- Traffic analysis, alternatives development, hydraulic analysis, environmental technical studies and public outreach meetings
- Environmental Document and Mitigation Monitoring Plan
- CEQA/NEPA clearance and project report

- Geotechnical and hydraulic reports
- Right-of-way certification
- 100% plans, specifications and estimate
- Project Management

The Town has contracted California Infrastructure Consultancy to provide Project Management services during the completion of Phase One.

In November 2014, the Town executed agreements with Quincy Engineering, Inc. for the completion of the Phase One scope of work for the Nokomis Avenue and Madrone Avenue bridges. Quincy Engineering will prepare an Initial Study Report to identify the recommended bridge replacement plan and preliminary roadway geometry for the Center Boulevard/Sycamore Avenue Bridge (i.e., Scoping). This report is required prior to approval of funds by Caltrans and the District for completion of Phase One.

The Initial Study Report for the Center/Sycamore Bridge is expected to be completed by December 2015. The anticipated completion of final design for the Nokomis and Madrone bridges is April 2017. Depending on the environmental permits, construction (Phase Two) may begin around June 2017 after a competitive bidding process and contract award by the Town, at which point the current Agreement will be amended.

FISCAL IMPACT

Listed below are the estimated costs and authorized budgets by Caltrans and the District for Phase One of the bridge replacement project:

Bridge	Caltrans Authorization	Caltrans Contribution	Estimated Project Costs				Local Share** (Total Cost less Caltrans Contribution)	Authorized District Match
			PE* (Quincy)	CEQA (Quincy)	PM (CIC)	Total Cost		
Nokomis	\$670,000	\$670,000	\$649,625	\$20,375	\$64,500	\$734,500	\$64,500	\$84,875
Madrone	\$664,000	\$587,839	\$643,625	\$20,375	\$64,500	\$728,500	\$140,661	\$159,617
Center/Sycamore [‡]	\$140,000	\$123,942	\$140,000	\$0	\$95,000	\$235,000	\$111,058	\$380,332
Total	\$1,474,000	\$1,381,781	\$1,433,250	\$40,750	\$224,000	\$1,698,000	\$316,219	\$624,824

* PE: Preliminary Engineering (includes final engineering and NEPA clearance and permits)

** The funding agreement with the District will provide all local matching funds needed to complete the Phase One scope of work.

‡ Limited authorization by Caltrans for Scoping. Full project authorization by Caltrans pending the results of Scoping. District has authorized additional funds based on estimated Phase One cost for Center/Sycamore Bridge design and CEQA.

The total estimated cost for Phase One for the Nokomis and Madrone Bridges has been authorized by Caltrans and the District. Additional funds for completion of Phase One for the Center/Sycamore Bridge are pending completion of the Initial Study Report. There is no anticipated cost to the Town for Phase One.

Bridge Replacement Funding Agreement

March 10, 2015

Page 3

Respectfully submitted,

Daniel Blomquist, P.E.
Senior Engineer



Sean Condry, P.E.
Public Works Director

Attachments: Attachment 1 Funding Agreement with the District