



420 Capitola Avenue
Capitola, California 95010
Telephone: (831) 475-7300
FAX: (831) 479-8879
Website: www.cityofcapitola.org

July 26, 2017

Subject: Park Avenue Storm Damage Repair Project
Request for Proposals for Civil, Geotechnical, and Structural Design

Interested Consulting Firm:

The City of Capitola is currently requesting proposals for civil, geotechnical and structural design work as necessary for the Park Avenue Storm Damage Repair Project. Proposals will be accepted until 5:00 p.m. on Friday, August 25, 2017.

Project details:

Park Avenue is a principal arterial in the City of Capitola that runs west from Monterey Avenue to the east at Highway 1. On February 17, 2017, a winter storm caused multiple large trees to fall which damaged the roadway and embankment. Temporary protective measures have been put in place, and the City is now seeking a design solution for permanent repairs for the roadway.

The storms during February 2017 were declared a Federal Disaster (DR-4302). The City has completed a Damage Assessment Form with Caltrans District 5 for federal assistance to complete permanent repairs. A copy of the Damage Assessment Form is attached.

The project will entail reconstruction of the embankment including any supporting structures if necessary, stormwater compliance and drainage controls, and reconstruction of the roadway.

Minimum Scope of Work

- Topographic survey of the site
- Review of site and development of alternative repair options including costs
- Geotechnical design for repair of the embankment as necessary
- Design of selected repair alternative and preparation of all plans, specifications, and estimates
- Coordination with Caltrans and obtain E-76 approval for FHWA funded projects
- Assistance with agency permitting, environmental review, and clearances as required by FHWA standards
- Coordination with the Santa Cruz County Regional Transportation Commission who owns the railroad right-of-way and their operator, Iowa Pacific Railroad, for any work on the railroad right-of-way
- Bid and construction support for requests for information

General Proposal Requirements

At a minimum, each proposal shall include a detailed work program for the project that includes the following:

- Detail of the consultant's scope of work which reflects an understanding of the project
- List of staff and sub-consultants assigned to work on the project.
- A projected timeline for completion of the project
- Cost proposal based on above scope of work

Selection Process

City staff will review all proposals for completeness and approach to the project. Staff will interview those firms whose proposals best reflect an understanding of the project, express ideas on alternative repairs methods, and show experience with FHWA project requirements.

The City reserves the right to interview any, all, or none of the firms that submit a proposal. The City may modify, delay, or otherwise alter this request for proposals. Such modifications may include, but are not limited to, increasing or decreasing the scope of work, postponing the selection process for an undetermined amount of time, requesting additional information from individual firms, and rejecting or requesting revisions to any or all proposals submitted. The City also reserves the right to reject any staff assigned or sub-consultant made as part of a proposal.

The City will not reimburse any firm the costs of preparing or presenting a proposal under this request. Further, all documentation and materials submitted or presented to the City shall become the property of the City.

PROPOSAL SHALL BE SUBMITTED BY 5:00 P.M. ON AUGUST 25, 2017.

PROPOSALS CAN BE SUBMITTED ELECTRONICALLY OR IN PERSON. ELECTRONIC SUBMITTALS SHALL BE AS A SINGLE PDF FILE. IN PERSON SUBMITTALS SHALL INCLUDE 5 PRINTED COPIES.

Submit proposals to:
Steven Jesberg
Public Works Director
City of Capitola
420 Capitola Avenue
Capitola, CA 95010
sjesberg@ci.capitola.ca.us

Interested firms are encouraged to meet with city staff to discuss this Request for Proposals prior to submitting a proposal. Please contact Steven Jesberg at (831) 475-7300 with any questions or to schedule a meeting.

Yours truly,

Steven E. Jesberg
Public Works Director

Attachment

U.S. Department of Transportation Federal Highway Administration- California Division- Title 23 Damage Assessment Form (DAF)		DAF No. DVH - CPTL - 001 - 0	Sheet # 1 of 15 Federal Project # EO ER - 32LO (346)
Disaster No. CA 17 - 2 PR ER - 32LO (346)		Applicant City of Capitola	County Santa Cruz Congressional districts 20
Incident Date (mm/dd/yyyy) 02/17/2017		Inspection 07/06/2017	
Location of Damage:	Per Site <input checked="" type="checkbox"/> or <input type="checkbox"/> Per Mile	Federal-aid Highway? Y for yes, if no, ineligible for ER funds <input type="checkbox"/> Y	
Name of Road/Bridge: Park Avenue	PM Begin: 1200 feet south of Highway 1 PM End: 1400 feet south of Highway 1	Map No 6N31 G/3	PM Length: 200.00 (in feet)
Road/Bridge Data:	Bridge No. _____ Type: _____	Functional Classification Type: major collector	
Traveled Way: Width 11,11 Type: PCC <input type="checkbox"/> AC <input checked="" type="checkbox"/> Gravel <input type="checkbox"/>	Shoulder: Width 5,6 Type: PCC <input type="checkbox"/> AC <input checked="" type="checkbox"/> Gravel <input type="checkbox"/>	Route # _____	Forest Hwy? Y/N <input type="checkbox"/> N Interstate? Y/N <input type="checkbox"/> N
Description of Damage:	Several large trees fell across the roadway during the February 17, 2017 storm. The trees completely blocked the roadway and cause damaged a portion of the eastbound bike lane and the road embankment.		

COST ESTIMATE					
Emergency Opening (EO)	Type of Repair	Description of Work	Cost Summary		
		EO- AGENCY FORCES CT Work Order #(s): _____ EA(s): City Forces	City forces placed warning signs and barricades for road closure.	PE	
		CE			
		Construction		5,689	
	EO- CONTRACT EO EA(s): _____	Graniterock was called in to place K-Rail around failed road section, place visqueen on slope, and place signs and barricades in advance of narrowed roadway	PE		
			CE		
			Construction	9,026	
NOTE: Environmental documentation for EO is required. It is generally started after work has begun.			R/W		
			Subtotal Emergency Opening \$14,716		
Permanent Restoration (PR)	PR- CONSTRUCTION FA requires an approved PIF <input checked="" type="checkbox"/> Contract <input type="checkbox"/> FA PR EAs _____	Geotechnical investigation and Civil design. Retaining wall with drainage, embankment reconstructed and roadway rebuilt.	PE	65,000	
			CE	50,000	
			Construction	431,250	
NOTE: PRIOR AUTHORIZATION (APPROVED E-76) IS REQUIRED TO PROCEED WITH PERMANENT RESTORATION R/W & CONSTRUCTION			R/W	10,000	
NOTE: Environmental clearance for permanent restoration is conducted through normal Federal-aid procedures			Subtotal Permanent Restoration \$556,250		
Eligible		Signature	Date	PE Total	\$65,000
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Local Agency (if applicable):	<i>Steven E. Jesberg</i>	7-20-17	CE Total	\$50,000
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Caltrans:	<i>Donn Miyahara</i>	7/20/17	R/W Total	\$10,000
<input type="checkbox"/> Yes <input type="checkbox"/> No	FHWA*:			Construction Total	\$445,966
TOTAL ESTIMATE				\$570,966	

Agency sig. Name (print): Steven E. Jesberg FHWA Sig. Name (print): Domnic Hoang
 CT signature Name (print): Donn Miyahara DAF Prepared by (print): Danielle Uharriet

Original: Caltrans District Copies: FHWA, Division of Local Assistance(local roads), Federal Resources (state hwy), HQ Major Damage Engineer (state hwy)
 *Write "N/A" in FHWA signature block if the project has no Federal ER funding or Federal ER funding delegated to the State
 FHWA Signature: REQUIRED for all Federal Funded State projects. REQUIRED for any Local Agency projects with 1) any BETTERMENT, 2) more than 2 ROW takes or 3) when paving is more than 50% of the Total Estimated Cost. Reminder: This DAF must be accompanied by photos of the damage.

U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # DVJ - CPTL - 0 0 1 - 0
Sheet # 15 of 15
Applicant
City of Capitola

Photos, Sketches and/or Narrative

Photo description:

Fallen trees across Park Avenue.
Damage to bike lane.



Trees Fell From east embankment
spanning across Park Avenue and up
west embankment.

U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # DVJ - CPTL - 0 0 1 - 0
Sheet # 4 of 6
Applicant
City of Capitola

Photos, Sketches and/or Narrative

Photo description:

Displaced base of tree and
root ball at bottom of
east embankment



Railroad tracks DDM

U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # DVJ _____ - CPTL _____ - 0 0 1 - 0

Sheet # 57 of 15

Applicant

City of Capitola

Photos, Sketches and/or Narrative

Photo description:

Tree that ~~is~~ fell across adjacent railroad
From east embankment, further damaging
embankment.



U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # DVJ _____ - CPTL _____ - 0 0 1 - 0
Sheet # 8 of 15
Applicant _____
City of Capitola _____

Photos, Sketches and/or Narrative

Photo description: *Looking ~~east~~ south on Park Avenue*



Failed embankment →

U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # DVJ _____ - CPTL _____ - 0 0 1 - 0
Sheet # 9 of 15
Applicant _____
City of Capitola _____

Photos, Sketches and/or Narrative

Photo description:

Looking up at Park Avenue From toe of embankment.



← Trees on west embankment

*NOTE
Roadway undermined
DDM*

U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # DVJ _____ - CPTL _____ - 0 0 1 - 0
Sheet # ~~5~~ ~~6~~ ~~8~~ 10 of 15
Applicant _____
City of Capitola _____

Photos, Sketches and/or Narrative

Photo description: *Looking on north on Park Avenue*



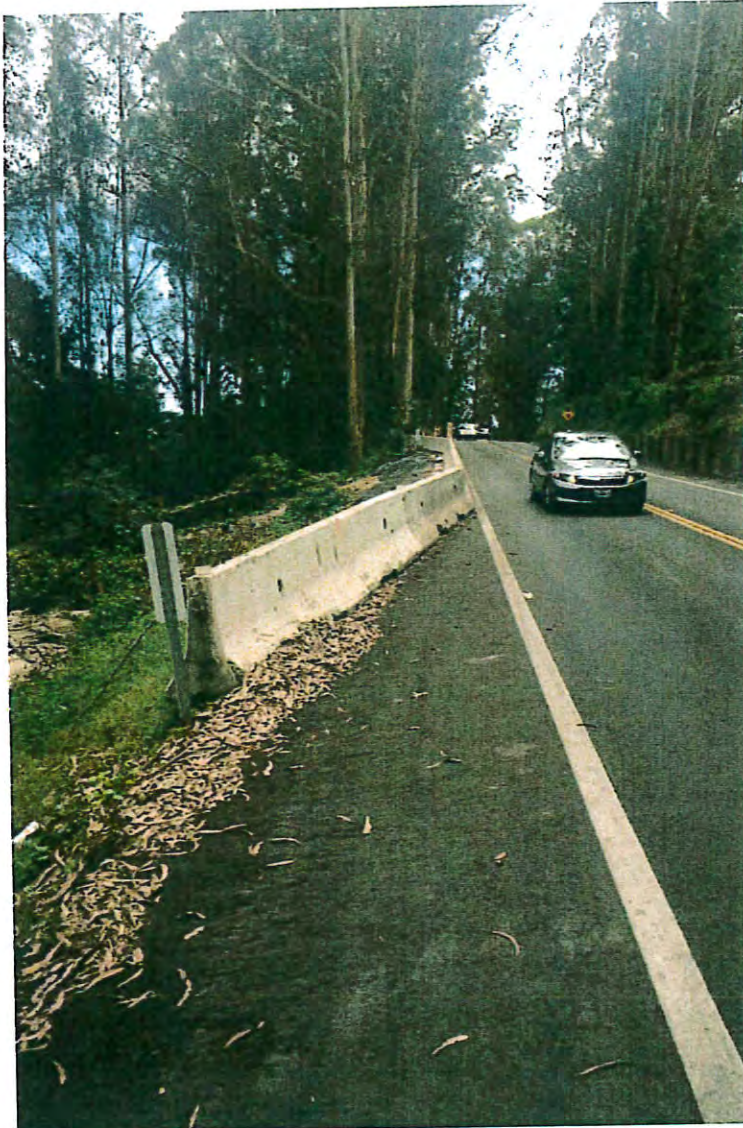
U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # DVJ _____ - CPTL _____ - 0 0 1 - 0
Sheet # 11 of 15
Applicant _____
City of Capitola _____

Photos, Sketches and/or Narrative

Photo description:

*Park Avenue looking south
with K-Rail protective measures
in place*



U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

DAF # DVJ - CPTL - 0 0 1 - 0
Sheet # ~~15~~ 12 of 15
Applicant
City of Capitola

Photos, Sketches and/or Narrative

Photo description:

*Park Avenue temporary signage
both direction*



U.S. Department of Transportation
Federal Highway Administration-
California Division- Title 23
Damage Assessment Form (DAF)

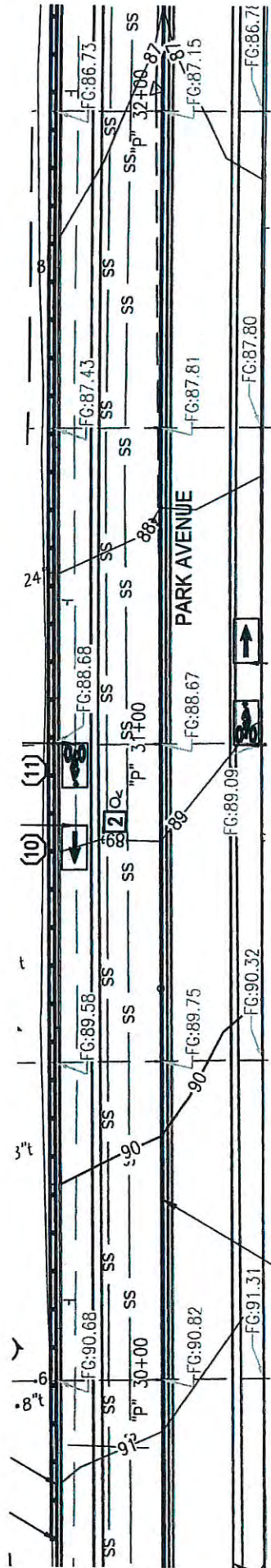
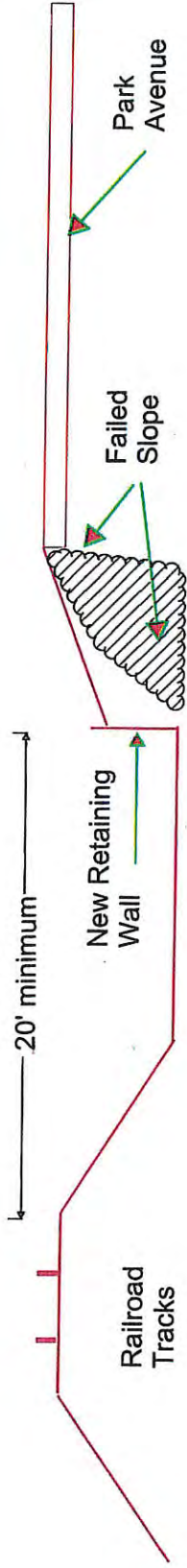
DAF # DVJ _____ - CPTL _____ - 0 0 1 - 0
Sheet # 13 of 15
Applicant _____
City of Capitola _____

Photos, Sketches and/or Narrative

Photo description:

*Park Avenue Visquine & sand bag
slope protection*





RETAINING WALL

approx 175' - 200'

RAILROAD TRACKS

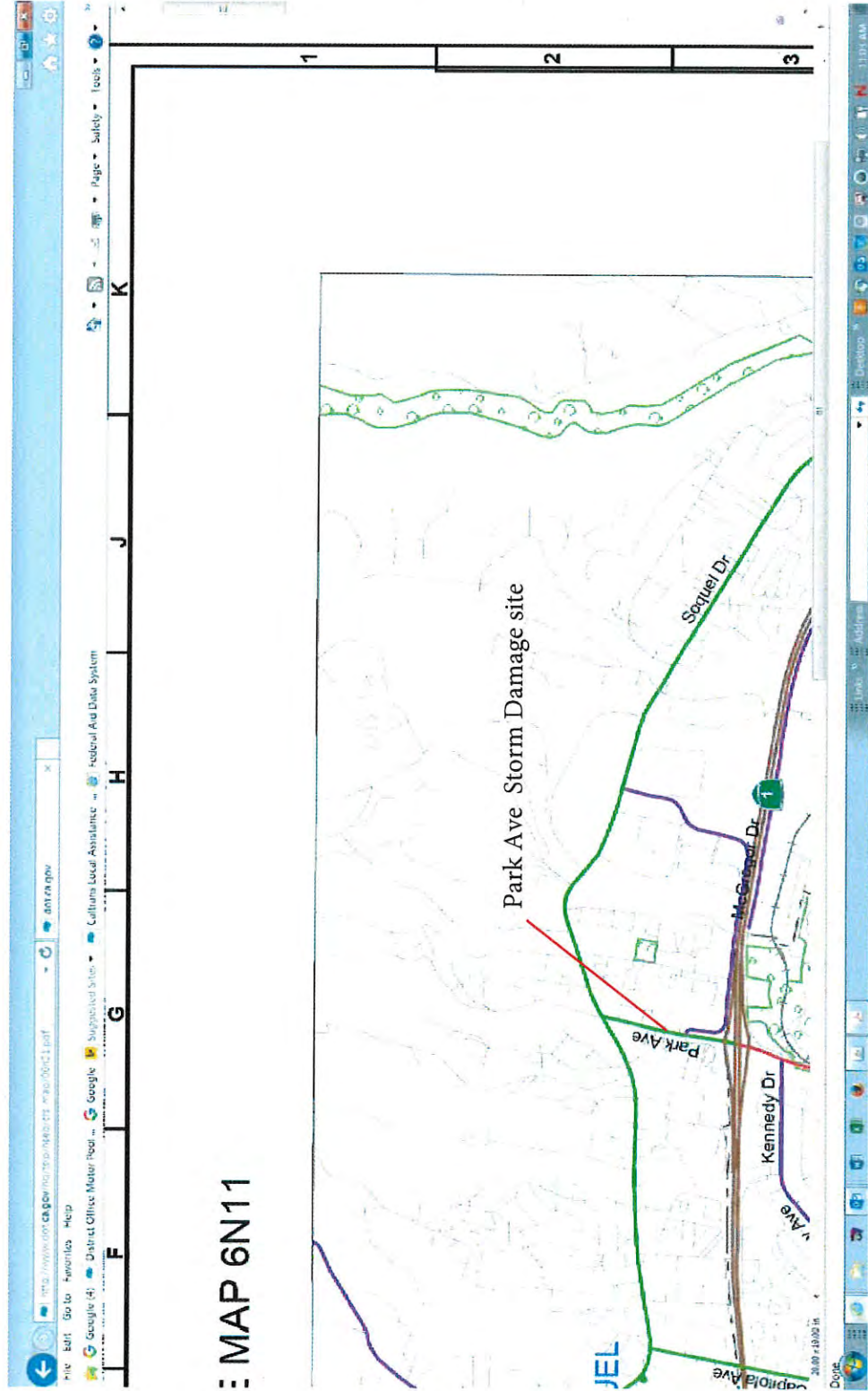
← 20' Minimum →

← 20' Minimum →

DVH-CPTL-001-0

City of Capitola

Location Map CRS 6N21 G/3



MAP 6N11