AGENDA TRANSMITTAL FORM

To: Board of Supervisors

Date: March 5, 2015

From: Aaron Brusatori (Department Head - please type) Phone Ext. 248

Department Head Signature

Agenda Title: SR88 Corridor Improvement Project - Resolution of Intention and Work Plan Approval

Summary: (Provide detailed summary of the purpose of this item; attach additional page if necessary)
1. Staff recommends that the Board approve the attached Resolution of Intention to initiate plans, specifications, and estimates for the SR88 Corridor Improvement Project.
2. Staff recommends that the Board approve the attached work plan to develop a refined phasing and funding strategy for the SR88 Corridor Improvement Project and initiate the Plans, Specifications and Estimates (PS&E) phase of the project.
3. Staff recommends that the Board request the Amador County Transportation Commission to execute a Letter of Agreement transferring funds remaining from the Project Approval / Environmental Document (PA&ED) phase of the project to the Amador County Department of Transportation and Public Works.

Recommendation/Requested Action:
Authorize Chair to Resolution of Intention, and request that ACTC execute a Letter of Agreement transferring funds to Public Works

Fiscal Impacts (attach budget transfer form if appropriate)

Staffing Impacts

Is a 4/5ths vote required? Yes No

Committee Review? N/A

Committee Recommendation:

Request Reviewed by:

Chairman
Auditor
CAO

Counsel
GSA Director
Risk Management

Distribution Instructions: (Inter-Departmental Only, the requesting Department is responsible for distribution outside County Departments)
Public Works

FOR CLERK USE ONLY

Meeting Date 3/10/15 Time Item # Addenda # 1

Board Action: Approved Yes No Unanimous Vote: Yes No

Ayes: Resolution Ordinance Other:
Noes: Resolution Ordinance

Absent: Comments:

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A new ATF is required from

I hereby certify this is a true and correct copy of action(s) taken and entered into the official records of the Amador County Board of Supervisors.

ATTEST: Clerk or Deputy Board Clerk
BEFORE THE BOARD OF SUPERVISORS OF THE COUNTY OF AMADOR, STATE OF CALIFORNIA

IN THE MATTER OF:

RESOLUTION OF INTENTION TO INITIATE PLANS, SPECIFICATIONS, AND ESTIMATE PHASE FOR THE STATE ROUTE 88 / PINE GROVE CORRIDOR IMPROVEMENT PROJECT UPON COMPLETION OF THE PROJECT APPROVAL AND ENVIRONMENTAL DOCUMENT.

WHEREAS, the proposed State Route 88 / Pine Grove Corridor Improvement Project will modify the existing highway and adjacent local roads to improve operations, alleviate congestion, improve transportation facility standards, and enhance safety; and

WHEREAS, pursuant to Streets and Highways Code sections 114 and 130, the County of Amador may enter into a Cooperative Agreement with the State of California for improvements to the State Highway System within the County of Amador's jurisdiction; and

WHEREAS, the proposed State Route 88 / Pine Grove Corridor Improvement Project is within the County of Amador's jurisdiction; and

WHEREAS, in accordance with Senate Bill 45, the Amador County Transportation Commission is responsible for programming projects eligible for Regional Improvement Program funds, pursuant to California Government Code Section 14527, for inclusion in the Regional Transportation Improvement Program, and submission to the California Transportation Commission, for inclusion in the State Transportation Improvement Program; and

WHEREAS, the County of Amador is a member agency of the Amador County Transportation Commission; and

WHEREAS, the Amador County Transportation Commission has $774,000 of Regional Improvement Program funds available to develop a Phasing and Funding strategy for the State Route 88 / Pine Grove Corridor Improvement Project; and

WHEREAS, the Amador County Transportation Commission has programmed $1,610,000 of Regional Improvement Program funds for the purposes of completing Plans, Specifications, and Estimate for the State Route 88 / Pine Grove Corridor Improvement Project; and

WHEREAS, the Amador County Transportation Commission has programmed $3,951,000 of Regional Improvement Program funds for the purposes of completing Right-of-Way Acquisition for the State Route 88 / Pine Grove Corridor Improvement Project; and
WHEREAS, as a member agency of the Amador County Transportation Commission, the County of Amador intends to assume Implementing Agency status for the Plans, Specifications, and Estimate Phase of the State Route 88 / Pine Grove Corridor Improvement Project within the jurisdiction of the County of Amador; and

WHEREAS, the County of Amador intends to enter into a Master Fund Transfer Agreement with the Amador County Transportation Commission to utilize Regional Improvement Program funds to deliver and complete a Phasing and Funding strategy, Plans, Specifications and Estimate, Right of Way Acquisition, and construction of improvements within the State Route 88 Corridor in Pine Grove; and

WHEREAS, the County of Amador and the Amador County Transportation Commission are currently and will continue to work cooperatively together towards completion and delivery of the State Route 88 / Pine Grove Corridor Improvement Project; and

WHEREAS, the County of Amador intends to enter into a Cooperative Agreement with the State of California for the design and construction of State Route 88 / Pine Grove Corridor Improvements at a later date.

NOW, THEREFORE, BE IT HEREBY RESOLVED the Board of Supervisors of the County of Amador, State of California, does hereby adopt a Resolution of Intention to initiate Plans, Specifications, and Estimate Phase for the State Route 88 / Pine Grove Corridor Improvement Project upon completion of the Project Approval and Environmental Document.

The foregoing resolution was duly passed and adopted by the Board of Supervisors of the County of Amador at a regular meeting thereof, held on the 10th day of March, 2015, by the following vote:

AYES:  
NOES:  
ABSENT: 

CHAIRMAN, Board of Supervisors

ATTEST:

JENNIFER BURNS, Clerk of the  
Board of Supervisors, Amador County,  
California

By

(RESOLUTION NO. 15-XXX)  

(XX/XX/15)
MEMORANDUM

TO: Board of Supervisors

FROM: Department of Transportation

DATE: March 5, 2015

SUBJECT: SR 88 Pine Grove Corridor Improvement Project; Proposed Work Plan to Develop a Refined Phasing / Funding Strategy and Initiate the Design Phase

CONTACT: Jered Reinking, Senior Civil Engineer (223-6226)

Recommendations
1. It is recommended that the Board of Supervisors adopt the Resolution of Intention to initiate Plans, Specifications, and Estimate Phase for the State Route 88 / Pine Grove Corridor Improvement Project upon completion of the Project Approval and Environmental Document.

2. It is recommended that the Board of Supervisors approve the Proposed Work Plan outlined below to develop a refined phasing and funding strategy for the SR 88 Pine Grove Corridor Project and initiate the Plans, Specifications, and Estimates (PS&E) phase of the project.

3. It is recommended that the Board of Supervisors request the Amador County Transportation Commission to execute a Letter of Agreement transferring funds remaining from the Project Approval / Environmental Document (PA&ED) phase of the project to the Department of Transportation and Public Works to carry out said Work Plan and implement the PS&E phase.

INTRODUCTION
Building upon Project Approval & Environmental Document (PA&ED) phase work done by the Amador County Transportation Commission (ACTC) and its' consultant team, the Amador County Department of Transportation and Public Works (County) recommends that the County develop a refined phasing and funding strategy for the project and prepare to implement its design phase – Plans, Specifications, and Estimates (PS&E).

The goal of this work is to identify and advance the designs for approximately $12 million of priority components within the overall project that will serve as “phase I” of the project’s construction, as well as to determine when and how the remainder of the project would be constructed over time. The County would develop a refined phasing and funding strategy to analyze, evaluate, and select an appropriate phase of the project that could be constructed within the region’s constrained funding levels and provide for an acceptable operating segment with logical termini and independent utility. Once the phasing and funding strategy is presented and approved by the Board of Supervisors and ACTC, the County would move forward to preparation of PS&E of the priority components identified therein.
The project is currently in the final stages of PA&ED with approval expected late Fall of 2015. To date, approximately $2.3 million has been programmed towards completion of PA&ED, with $400 thousand awarded from High Priority Project / Demonstration Projects (HPP) funds, $100 thousand allocated from Regional Surface Transportation Program (RSTP) funds, and $1.8 million allocated from Regional Improvement Program (RIP) funds. It is estimated that $774 thousand of RIP funds designated for PA&ED remain available and could be transferred to the County to support the activities contained in this proposed Work Plan.

As outlined in the proposed Work Plan below, County staff would comprehensively review all project material and select specialized consultants to accelerate staff review and perform analysis of specific project components. The goal of the review and analysis period is to rapidly acquire the insight required to develop a recommended phasing and funding strategy and identify priority components that meet the purpose and need of the project, satisfy local and state priorities, and are constructible considering the funding constraints and programming capacity identified in the Regional Transportation Plan. In order to meet timelines requirements related to the programming of State Transportation Improvement (STIP) funds, the County must present the results of this work by September 2015. The County would then advance design of the priority components identified through the refined phasing and funding strategy. In an effort to minimize the possibility of losing funding, the County consultant will accelerate delivery this design work between September 2015 and February 2016.

Through a funding agreement with ACTC, the remaining ($774K) PA&ED funding would be made available to Amador County staff to hire consultants and advance the project according to the proposed work plan outlined below. Additional STIP funds programmed in Fiscal Year 2015/16 would also be made available for allocation in order for the County to implement the PS&E phase based on the approved phasing and funding strategy.

**STIP RECOMMENDATION**
Amador County does not recommend any changes to the currently programmed STIP funding at this time for the PS&E or Right of Way (ROW) phases until the refined phasing and funding strategy is presented for action. As shown in the attached schedule, recommendations for any changes in STIP programming or allocation requests will be presented by County staff by September of 2015. This is needed in order to allow time for the ACTC to develop and adopt its Regional Transportation Improvement Program (RTIP) before the California Transportation Commission’s deadline on December 15th.

**PROPOSED WORK PLAN**
Amador County proposes the general approach shown below. Pending direction from the Board and concurrence by the ACTC, more definitive scopes of work, cost proposals, and milestone schedules would be provided by the selected consultants.

**Item 1. Inter-Agency Coordination – March 2015 through February 2016**
Amador County staff would work with the agencies to plan and execute a phasing and funding strategy to design and construct Phase I of the SR 88 / Pine Grove Corridor Improvement Project. The Inter-Agency coordination is expected to be rigorous and steady over the course of this year and will cover any issues needed to ensure success.

**Item 2. Consultant Coordination – March 2015 through February 2016**
The County staff would coordinate with ACTC to identify any needs it has for coordination with Dokken Engineering. The ACTC will ensure that Dokken Engineering transfers all required project files to the County, that Dokken Engineering assists with kick-off and follow-up meetings, as needed, and provides any available information that is needed to advance the project. The ACTC would ensure that Dokken Engineering provides timely and responsive assistance, within its scope of work for PA&ED, as requested by the County. In the event that any additional items may need to be added to Dokken Engineering’s scope of work in order to support the County effort described herein, they would be presented to the ACTC for action. Similarly, ACTC staff would identify any needs it has for coordination with the County’s consultant and County staff will ensure that its consultant provides timely and responsive assistance when requested.


Because of the number of impacted parcels and the time necessary to complete Right of Way acquisitions, Right of Way is identified as one of the risk items of the SR88 / Pine Grove Corridor Improvement Project. Currently there are 97 parcels identified which may be impacted to varying degrees by the overall project. Therefore, Amador County would solicit qualifications or proposals from Right of Way Services / Engineering firms immediately. A definitive scope and cost proposal will be provided by the firm selected to perform the work summarized below.

- Parcel risk analysis (Delivery July 2015)
- Parcel reports (Delivery July 2015)
- Right-of-Way strategy for acquisition, preservation, & temporary construction easements needed for construction of the project based on the refined phasing and funding strategy. (August 2015)
- Caltrans Cooperative Agreement ROW scope assistance (As Needed)


The County would immediately advertise for the design and project delivery professional services outlined below as early as April 2015. The County is interested in interviewing prospective consultants with the following experience:

- Managing comparable state highway projects in California that are complex and highly constrained.
- Strong technical experience, specifically in the design, delivery, and funding of medium-large highway and arterial reconstruction projects ($10 million to $50 million construction value).
- Phasing and funding of highway and roadway improvements.
- Strong knowledge and resume working on "local agency" implemented or sponsored projects.
- Ability to work well and collaboratively with other team members.

The SR88 / Pine Grove Corridor Improvement Project has many challenges. It is anticipated that the County will receive interest from Consultants who can meet the above criteria and much more. The County and its consultant would perform a full review of the proposed project gaining an understanding, from engineering, traffic, safety, and funding perspectives, of how potential phasing or segmenting of the project may impact delivery of any future phase. The County will utilize this review to develop a recommended approach to phase PS&E, ROW, and
construction of the project. This recommended phasing and funding strategy will be presented to leadership and decision makers by September, 2015.

A definitive scope, cost, and schedule would be provided by the firm selected to perform the work summarized below.

- Perform "Value Engineering" and evaluation of "Cost Savings" design concepts (Delivery July 2015)
- Perform traffic operational analysis (Delivery July 2015)
- Development of cost estimates for each segment/component/phase of the project (Delivery August 2015)
- Present the refined phasing and funding strategy (Delivery September 2015)

Item 5. **35% Design – Segment A; Climax Road Realignment – August 2015 through February 2016**

Realignment of Climax Road is a project listed in the County’s Capital Improvement Program and County staff would like to perform design work on this segment in-house. Therefore, County staff would define the limits of and advance the design for Segment A, the Climax Road Realignment. It is anticipated that construction of the Climax Road segment will occur in a future phase of the overall project, to be determine based on the refined phasing and funding strategy.

Item 6. **Advance Design of “Priority Components” – September, 2015 through February, 2016**

The County’s consultant would advance design of the priority components the identified through the refined phasing and funding strategy for the project. It is anticipated that these components will represent "Phase I" of the project’s construction. The County consultant would utilize work done by Dokken Engineering and the results of the phasing and funding strategy discussed above to complete as much design work as time and funds allow. It is important to note that the available funds will expire by February, 2016 or upon completion of the PA&ED phase (i.e. certification of the environmental document and adoption of the project report). Therefore, close coordination regarding all project activities would be required between County, ACTC, and Caltrans staff during this period.

Item 7. **Initiate the PS&E Phase**

Upon completion of the PA&ED phase, County will be the implementing agency for the PS&E phase and the County would negotiate a Cooperative Agreement with Caltrans to formally begin final design of the priority components identified through the refined phasing and funding strategy for the project.

(See Schedule on Next Page)
Schedule
Below is a proposed schedule depicting the critical path activity timeline.

County and ACTC staff have worked together to develop the following timeline for the next year based on the general approach outlined above. This schedule identifies major milestones and key decision points requiring close coordination between various agencies and consultants.

March 2015
- ACTC transfers project archive to County to facilitate transition and scope development. See Scope of Work - Item 2.
- County, ACTC, and Caltrans reach staff agreement on recommended approach to refining the project’s phasing & funding strategy
- County and ACTC staff to finish scope, cost, and schedule for recommended approach
- Get BOS direction on recommended approach & implementing PS&E
- Get ACTC direction on recommended approach & implementing PS&E
- ACTC and County execute fund transfer agreement

April 2015
- County advertises Request for Proposal / Qualifications for Right of Way Program Management and to accomplish refinement of a phasing and funding strategy and advance the project’s design. The advertisement and selection process is expected to take approximately 8 weeks. See Scope of Work - Items 3 & 4.
- ACTC submits a preliminary phasing & funding strategy for Draft Project Report & Draft Environmental Document based on the “best information currently available in order to meet CEQA / NEPA approval requirements and keep PA&ED on schedule.

May 2015
- County selects Consultant to provide Professional Services to accomplish refinement of a phasing and funding strategy and final design services.
- County selects Consultant to provide Professional Right of Way Program Management, Appraisals & Acquisitions Services.
- County holds kick-off meeting with Consultants and ACTC staff.
June 2015
- County Consultant internal peer review. Performs informal “value engineering” & analysis of “cost saving concepts”.
- County consultant performs traffic operation & warrants analysis.

July 2015
- County and ACTC staff share results of Consultant internal peer review. County presents informal “value engineering” & analysis of “cost saving concepts” to County Public Works Committee.
- County identifies specific design components & segments w/ logical termini & independent utility (i.e. “constructability”)

August 2015
- County and ACTC staff provide recommendation for Right-of-Way strategy for acquisition, preservation, & temporary construction easements to County Public Works Committee.
- Develop Funding strategy reflecting the following:
  o Cost estimates for each design component / segment
  o Programming capacity from STIP
  o Other anticipated / potential sources
  o Funding source / mix of sources for each design components / segment
  o Escalation to proposed fiscal years of construction for each design components / segment
- County develops cost estimates & recommendations for:
  A) FY 15/16 Plans, Specifications and Estimates (PS&E) allocation request
  B) FY 17/18 Right of Way programming change (if any)
  C) FY 19/20 Construction programming

September 2015
- County presents refined phasing & funding plan to BOS / ACTC for direction.
- County begins negotiation of Cooperative Agreement with Caltrans to formally begin PS&E as soon as Environmental Document is certified & Project Report is signed.

October 2015 - January 2016
- ACTC gets PA&ED ready for wrap up and submits STIP allocation & programming as directed
- County Consultant advances design on Phase I.
- County and ACTC staff coordinate together on date of final submittal of Project Report and Environmental Document & “cutoff” date for work funded by $774k remaining available (before February 2016)

November 2015
- **ACTC develops and presents its RTIP reflecting the results of the refined phasing and funding strategy for adoption and submission to the CTC**

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(See Expenditure Plan on Next Page)
**Expenditure Plan**

To accomplish the items in the Proposed Work Plan, the County has estimated the following expenditures:

### Summary - March 2015 to February 2016

<table>
<thead>
<tr>
<th>Proposed Work Description</th>
<th>Budget</th>
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<tbody>
<tr>
<td>Amador County</td>
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<tr>
<td>Project Development and Coordination</td>
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<td>35% Design - Climax Road Realignment</td>
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