



## COUNTY OF HUMBOLDT

AGENDA ITEM NO.

C14

For the meeting of: April 24, 2018

Date: April 16, 2018

To: Board of Supervisors

From: Thomas K. Mattson, Public Works Director

Subject: Resolution Adopting a List of Projects for Fiscal Year 2018/19, Funded by SB1: The Road Repair and Accountability Act of 2017

**RECOMMENDATION(S):** That the Board of Supervisors adopt the resolution (Attachment 1) approving the list of projects for funding through the Senate Bill 1 (SB1) Road Repair and Accountability Act for FY 2018/19.

**SOURCE OF FUNDING:** Senate Bill 1, the Road Repair and Accountability Act of 2017

**DISCUSSION:** The State of California Senate Bill 1 Road Repair and Accountability Act of 2017 approved \$54 billion over the next decade to fix roads, freeways, and bridges. The Department of Public Works is seeking Board approval of the list of projects for 2018/19. Funds will be transferred from the trust fund to offset SB1 expenditures in the year in which they occur.

As part of the accountability section of the guidelines for receiving the funds, local agencies must have a project list approved prior to receiving an apportionment of fund from the Controller in a fiscal year and a recipient transit agency shall submit to the Department of Transportation a list of projects proposed to be funded with these funds. The list of projects proposed to be funded with these funds shall include a description and location of each proposed project, a proposed schedule for the project's completion and the estimated useful life of the improvement.

Prepared by Robert W. Bronkall, Deputy Director

CAO Approval

**REVIEW:**

Auditor

County Counsel

Human Resources

Other

**TYPE OF ITEM:**

- ☒ Consent  
☐ Departmental  
☐ Public Hearing  
☐ Other

**PREVIOUS ACTION/REFERRAL:**

Board Order No. C-20

Meeting of: 09/05/2017

**BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT**

Upon motion of Supervisor Wilson Seconded by Supervisor Fennell

Ayes Bass, Fennell, Sundberg, Bohn, Wilson  
Nays  
Abstain  
Absent

and carried by those members present, the Board hereby approves the recommended action contained in this Board report.

Dated:

By:

Kathy Hayes, Clerk of the Board

For fiscal year 2017/18, the State of California estimated that the county would receive an SB1 allocation of \$1,860,000. Since that time, the state has revised their estimate showing that the county will now be receiving \$938,778. This is a fifty (50) percent decrease compared to the original estimate. Because of decrease, not all of the projects presented in the September 5, 2017 agenda item will be able to be completed due to insufficient funds. The projects on the FY 2017/18 list that will not be completed in 2018, due to lack of funding, are on the updated list for FY 2018/19. The project list from FY 2017/18 is included as Attachment 2.

While the initial estimates provided by the State indicated that the county would receive \$5+ million in FY 2018/19, the state is now estimating that that the county will receive approximately \$2 million in FY 2018/19; approximately a decrease of \$3 million.

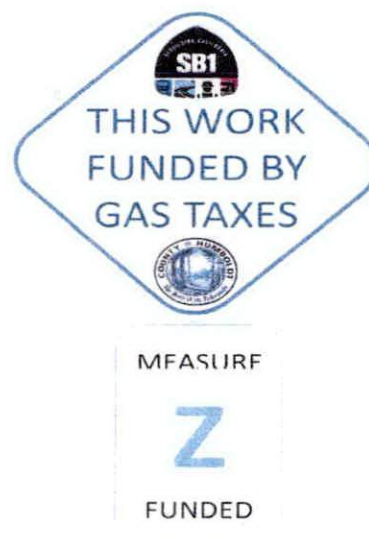
The project list for FY 2018/19 includes the carryover projects from FY 2017/18 that will not be constructed in FY 2017/18 due to the shortfall in SB1 estimates. In addition, the FY 2018/19 list includes an overly ambitious list of projects that exceeds the estimated SB1 revenue for the fiscal year. The reasons for listing more projects than estimated available funding can fund is to:

- 1) Allow for additional projects to be constructed should bid prices be lower than the Department's estimates. If projects are not on the list approved by the Board of Supervisors, then SB1 funding cannot be used for those projects.
- 2) Allows flexibility for the Department to swap out projects should a project be bogged down in the permitting process. With a significant portion of SB1 funding for FY 2018/19 being allocated to culvert replacement projects, some locations may prove to be problematic for permitting or another reason. Having extra projects on the list projects ensures that one hundred (100) percent of the SB1 funding can be spent.

When projects are constructed that utilize SB1 funds, the Department will be installing temporary construction funding signs to notify the public of the funding source of the road improvement project. Examples of the construction funding signs are shown below.



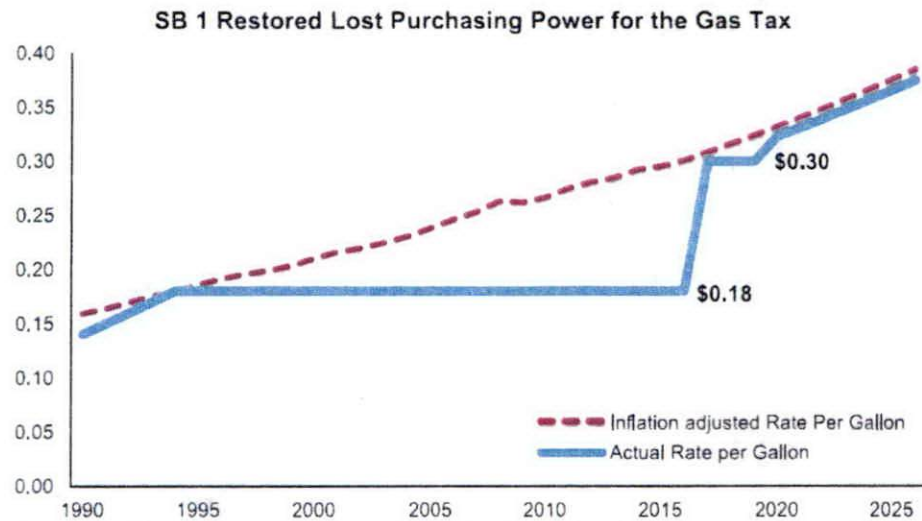
*Above: Sample construction funding sign for work funded by SB1*



*Above: Sample construction funding signs for work funded by both SB1 and Measure Z*



SB1 represents a major effort by the state to restore funding for roads. Prior to SB1, the state gas tax has remained the same for over twenty (20) years. The rate has not been adjusted to account for inflation. SB1 restores the tax rate to a level that is in line with inflation as shown in the chart below. SB1 also includes provisions for periodic adjustments in the rate due to inflation; that way the rate will no longer fall behind inflation over time. The first adjustment is scheduled for July 1, 2020.



Source: Governor's Proposed 2018/19 Budget Summary Figure INT-06

Funding for roads comes primarily from three sources: property taxes, gas taxes, and Measure Z allocations. The breakdown of the funding is as follows:

Road Maintenance Funding Sources	Budget Amount FY 2017/18
Property tax revenue	\$2,810,200
Pre-SB1 gas tax revenue	\$4,670,580
<b>Sub-Total</b>	<b>\$7,480,780</b>
SB gas tax revenue	\$938,778
Measure Z Funding	\$2,177,125
<b>Total</b>	<b>\$10,596,683</b>

The Department utilizes a pavement condition index (PCI) to rate the condition of the county roads. The higher the PCI the better the road. The Department's pavement management system (PMS) projects different scenarios based upon a desired PCI. Scenario 2 in the PMS represents the funding needed to maintain the roads to their current condition; meaning that overall condition of the county roads would not get any worse, but would not get any better. Scenario 3 in the PMS represents the funding needed to raise of the overall PCI of all county roads to 70.

Road Maintenance Funding Summary	PMS Scenario 2 (maintain current PCI) Funding Amount	PMS Scenario 3 (increase PCI to 70) Funding Amount
Current Funding for Road Maintenance	\$10,596,683	\$10,596,683
Funding Needed per Pavement Management System (PMS)	\$18,500,000	\$29,500,000
<b>Shortfall</b>	<b>\$7,903,317</b>	<b>\$18,903,317</b>

The road maintenance needs of the county are much greater than what SB1 and local Measure Z funds are currently providing. For FY 2017/18, SB1 covers between five (5) and eleven (11) percent of the overall shortfall of deferred road maintenance needs of the county on an annual basis. A funding source for the remaining shortfall still needs to be provided in order to adequately maintain the county's roads.

The Department has become aware that future funding from SB1 may be in jeopardy. A ballot initiative to recall SB1 is currently gathering signatures and is expected to qualify for the November 2018 election. If the recall effort ballot measure is successful it will:

- Repeal the gas tax increase and vehicle licensing fee increased approved by SB1. The county will still receive its share of the funds collected through the last date that SB1 is in effect. No further funds will be available and any unfunded projects will be postponed indefinitely until another funding source is provided.
- Require a super majority (two-thirds) vote of the electorate to approve increases in the gas tax or vehicle licensing fees.

Ultimately, if SB1 is repealed it will be devastating to the road fund for many years to come. If the recall effort is successful, the Department will need to consider options for funding road maintenance.

FINANCIAL IMPACT: There is no financial impact to the General Fund. Expenditures are offset by the county's SB1 allocation. The requested action conforms to the Board of Supervisors' Core Roles of providing and maintaining county infrastructure.

OTHER AGENCY INVOLVEMENT: California Transportation Commission

ALTERNATIVES TO STAFF RECOMMENDATIONS: The Board could choose not to approve the resolution adopting a list of projects for Fiscal Year 2018/19 funded by SB1. This is not recommended as SB1 funding will not be provided to the County unless the Board adopts a list of projects.

ATTACHMENTS:

Attachment 1: Resolution

Attachment 2: FY 2017/18 Project List

f:\public\sb1\2018-19 sb1 project list.docx

**Attachment 1**

**Resolution**

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**BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT, STATE OF CALIFORNIA**  
Certified copy of portion of proceedings, Meeting of April 24, 2018

RESOLUTION NO. 18-32

**RESOLUTION ADOPTING A LIST OF PROJECTS FOR FISCAL YEAR 2018/19  
FUNDED BY SBI: THE ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017**

**WHEREAS**, Senate Bill 1 (SBI), the Road Repair and Accountability Act of 2017 (Chapter 5, Statutes of 2017) was passed by the Legislature and signed into law by the Governor in April 2017 in order to address the significant multi-modal transportation funding shortfalls statewide; and

**WHEREAS**, SBI includes accountability and transparency provisions that will ensure the residents of the County of Humboldt are aware of the projects proposed for funding in our community and which projects have been completed each fiscal year; and

**WHEREAS**, the County of Humboldt must adopt by resolution a list of all projects proposed to receive funding from the Road Maintenance and Rehabilitation Account (RMRA), created by SBI, which must include a description and the location of each proposed project, a proposed schedule for the project's completion and the estimated useful life of the improvement; and

**WHEREAS**, the County of Humboldt, will receive an estimated \$2 million in RMRA funding in Fiscal Year 2018/19 from SBI; and

**WHEREAS**, this is the second year in which the County of Humboldt is receiving SBI funding and will enable the County of Humboldt to continue essential road maintenance and rehabilitation projects, safety improvements, repairing and replacing aging bridges and increasing access and mobility options for the traveling public that would not have otherwise been possible without SBI; and

**WHEREAS**, the SBI project list and overall investment in our local streets and roads infrastructure with a focus on basic maintenance and safety, investing in complete streets infrastructure, and using cutting-edge technology, materials and practices, will have significant positive co-benefits statewide.

**NOW, THEREFORE, BE IT RESOLVED that:**

1. The foregoing recitals are true and correct.
2. The projects planned to be funded with Road Maintenance and Rehabilitation Account revenues for fiscal year 2018/19 are listed on Exhibit "A".

**BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT, STATE OF CALIFORNIA**

Certified copy of portion of proceedings, Meeting of April 24, 2018

RESOLUTION NO. 18-32

Dated: April 24, 2018



Ryan Sundberg, Chair  
Humboldt County Board of Supervisors

Adopted on motion by Supervisor Wilson, seconded by Supervisor Fennell, and the following vote:

AYES:	Supervisors	Bohn, Sundberg, Bass, Fennell, Wilson
NAYS:	Supervisors	--
ABSENT:	Supervisors	--
ABSTAIN:	Supervisors	--

STATE OF CALIFORNIA   )  
County of Humboldt    )

I, KATHY HAYES, Clerk of the Board of Supervisors, County of Humboldt, State of California, do hereby certify the foregoing to be an original made in the above-entitled matter by said Board of Supervisors at a meeting held in Eureka, California.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Seal of said Board of Supervisors.



By Ryan Sharp  
Deputy Clerk of the Board of Supervisors of the  
County of Humboldt, State of California

**Exhibit "A"**  
**List of Projects 2018/19**

1. **Kneeland Road Culvert (County Road No. F6F060) Replacements (\$475,000)** – Nineteen culverts between PM 1.2 to PM 27.79 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
2. **Copenhagen Road Culvert (County Road No. CH260) Replacement (\$21,000)** – One culvert at PM 0.28 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
3. **Bear River Ridge Road (County Road No. 2G005) Culvert Replacement (\$22,000)** – One culvert at PM 0.72 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
4. **Lighthouse Road (County Road No. 1D010) Culvert Replacements (\$50,000)** – Two culverts at PM 2.13 and PM 2.61 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
5. **Lowery Road (County Road No. 2F010) Culvert Replacement (\$17,000)** – One culvert at PM 0.16 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
6. **Mattole Road (County Road No. F3C010) Culvert Replacements (\$142,000)** – Five culverts between PM 23.30 to 40.05 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
7. **Upper Bear River Road (County Road No. 1F005) Culvert Replacements (\$26,000)** – One culvert at PM 6.45 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
8. **Alderpoint Road (County Road No. F6B165) Culvert Replacements (\$53,000)** – Two culverts at PM 15.77 and PM 21.61 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
9. **Beach Road (County Road No. 4A120) Culvert Replacements (\$18,000)** – One culvert at PM 0.33 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
10. **Benbow Drive (County Road No. 6B180) Culvert Replacements (\$74,000)** – Three culverts at PM 3.45, 3.47 and 3.48 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.



11. **Humboldt Loop Road (County Road No. 4A060) Culvert Replacements (\$21,000)** – One culvert at PM 0.49 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
12. **Lower Pacific Drive (County Road No. 4A040) Culvert Replacements (\$27,000)** – One culvert at PM 0.00 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
13. **Ridge View Circle (County Road No. 4A125) Culvert Replacements (\$29,000)** – One culvert at PM 0.00 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
14. **Upper Pacific Drive (County Road No. 4A070) Culvert Replacements (\$34,000)** – One culvert at PM 0.81 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
15. **Freshwater Road (County Road No. F6F060) Culvert Replacements (\$27,000)** – One culvert at PM 39.41 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
16. **Kneeland Road (County Road No. F6F060) Culvert Replacements (\$692,000)** – Three culverts at PM's 34.05, 30.06, 19.67 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
17. **Butler Valley Road (County Road No. F5J031) Culvert Replacements (\$172,000)** – One culvert at PM 2.60 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
18. **Grizzly Bluff Road (County Road No. F2G100) Culvert Replacements (\$34,000)** – One culvert at PM 7.57 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
19. **Lighthouse Road (County Road No. 1D010) Culvert Replacements (\$124,000)** – Three culverts at PM 1.28, 1.35, 3.98 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
20. **Mattole Road (County Road No. F3C010) Culvert Replacements (\$141,000)** – two culverts at PM 17.92, 24.57 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.

21. **Mattole Road Bull Creek (County Road No. F3D010 Culvert Replacements (\$43,000))** – one culvert at PM 16.15 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
22. **Meridian Road (County Road No. 2G025 Culvert Replacements (\$36,000))** – one culvert at PM 0.86 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
23. **Price Creek School Road (County Road No. 3G065 Culvert Replacements (\$36,000))** – one culvert at PM 0.85 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
24. **Upper Bear River Road (County Road No. 1F010 Culvert Replacements (\$49,000))** – one culvert at PM 2.47 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
25. **Chambers Road (County Road No. 2D030 Culvert Replacements (\$75,000))** – one culvert at PM 0.75 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
26. **Meridian Road (County Road No. 2G025 Culvert Replacements (\$36,000))** – one culvert at PM 0.86 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
27. **Mattole Road (County Road No. F3C010 Culvert Replacements (\$356,000))** – one culvert at PM 17.67 will be replaced for this project. This project is scheduled for construction in the Spring 2019 and the expected life of this project would be approximately 15 to 25 years, depending on the type of pipe used.
28. **Phase 2 Myrtle Avenue Reconstruction Project (\$432,000)** – This project is second part of a two phase project reconstructing Myrtle Avenue from Felt Road to Ryan slough bridge. This final phase of the project includes a hot mix overlay and enhanced wet night visibility thermoplastic striping. The project is scheduled for construction in the Spring of 2019. The expected life of this project is 20 years.

## Carry Over Projects from FY 2017/18

The following projects are carried over from FY 2017/18 due to the projected shortfall in SB1 revenue. The construction schedule has been adjusted.

1. **Harrison Avenue ADA Curb Ramp Upgrades (\$180,000)** - The location of this project is within the boundaries of two hospitals and all the curb ramps within the County's jurisdiction of Harrison Avenue between Harris Street and Myrtle Avenue need to be rebuilt to current ADA specifications. The expected life of this project would be approximately 30 years.

This project was originally schedule for construction in spring 2018; the new schedule is spring 2019.

7. **Phase 1 Myrtle Avenue Reconstruction Project (\$360,000)** – This project is part of a two phase project reconstructing Myrtle Avenue (Old Arcata Road) from Freshwater to Ryan Slough Bridge.\* The first phase of the project will be doing major repairs to the roadway which would be scheduled for spring of 2018 and the final phase would be an asphalt concrete overly and enhanced wet night visibility thermoplastic striping. The final project would have an expected life of 20 years or greater.

The portion of Myrtle Avenue from Freshwater to Felt Road will be constructed in FY 2017/18; the remaining portion of Myrtle Avenue from Felt Road to Ryan Slough Bridge will be constructed in the spring of 2019:

\*Note the original limits of this project in 2017/18 were from Freshwater to Pigeon Point Road. The limits have been adjusted to be from Freshwater to Ryan Slough Bridge.

8. **Phase 1 Ocean Drive Rehabilitation Project (\$200,000)** – This project is located between School and Hiller Road in McKinleyville. The first phase is repair major sections of the roadway by grinding out the bad areas and replacing them with asphalt concrete. The future phases would be a drainage study, drainage improvements, asphalt concrete overlay, and thermoplastic striping. The expected life after all the phases are finalized would be 20 years or greater.

The first phase of this project was originally schedule for construction in spring 2018; the new schedule is spring 2019.

10. **Signalized Intersection Rehabilitation (\$115,000)** – The project is location at the intersection of Sutter Road and Central Avenue in McKinleyville. The project consists of rebuilding the curb ramps to comply with current ADA specifications, installing ADA pedestrian crosswalk communicators, battery backup system, and mandated signal assembly. The expected life of this project would be 20 years or greater.

This project was originally schedule for construction in spring 2018; the new schedule is spring 2019.

### Summary

FY 2018/19 Project Totals (Projects 1 through 28) =	\$ 3,262,000
FY 2017/18 Carry Over Project Totals (Projects 1, 7, 8 and 10) =	\$ 855,000
Combined Total =	\$ 4,117,000

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**FY 2017/18 Project List**

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1. **Harrison Avenue ADA Curb Ramp Upgrades (\$180,000)** - The location of this project is within the boundaries of two hospitals and all the curb ramps within the County's jurisdiction of Harrison Avenue between Harris Street and Myrtle Avenue need to be rebuilt to current ADA specifications. This project would be scheduled for construction spring of 2018 and the expected life of this project would be approximately 30 years.
2. **Resurface Harrison Avenue (\$130,000)** – The location of this project is between Harris Street and Myrtle Avenue, where half the road belongs to the County and half the road belongs to the City of Eureka. This would be a joint project with the county's share would be amount listed above. Measure Z funds are being used to repair the damages sections of the roadway in the County portion. The end product would be an accelerated cured slurry seal with thermoplastic striping. This project would be scheduled for spring of 2018 and the expected life of this project would be approximately 10 years.
3. **Resurface Grizzly Bluff and Blue Slide Road (\$560,000)** – This project is located between the City of Rio Del and Ferndale. If US Highway 211 is not passable, Grizzly Bluff and Blue Slide Road are use as alternate route of egress and ingress into Ferndale. Measure Z funds are being used to repair damages section of the roadway and the end product would be a type 3, micro surfacing similar to the surfacing Caltrans used on US Highway 101 north of Arcata. The Department of Public Works currently has a Highway Safety Improvement Plan to install new enhanced wet night visibility thermoplastic striping on both roadways. This project would be scheduled for spring of 2018 and the expected life of this project would be approximately 10 years.
4. **Resurface Redwood Drive (\$180,000)** – This project is located between the townships of Redway and Garberville. This section of roadway connects the two townships and is the main arterial road for the residences in Redway to medical services in Garberville. Measure Z funds are being used to repair damages section of the roadway. The end product would be a type 3, micro surfacing similar to the surfacing Caltrans used on US Highway 101 north of Arcata and thermoplastic striping. This project would be scheduled for spring of 2018 and the expected life of this project would be approximately 10 years.
5. **Resurfacing Tish Tang Road (\$65,000)** – This project is located in Hoopa Valley and starts from US Highway 96 and ends at Airport Road. This is a section roadway that is the only route to the medical service in Hoopa. Measure Z funds are being used to repair damages section of the roadway. The end product would be an accelerated cured slurry seal with the Hoopa Tribe collaborating with on the thermoplastic striping. This project would be scheduled for spring of 2018 and the expected life of this project would be approximately 10 years.
6. **Resurfacing Airport Road (\$45,000)** - This project is located in Hoopa Valley and starts from Tish Tang Road and ends at Hospital Road. This is a section roadway that is the only route to the medical services in Hoopa. Measure Z funds are being used to repair damages section of the roadway. The end product would be an accelerated cured slurry seal with the Hoopa Tribe collaborating with on the thermoplastic striping. This project would be scheduled for spring of 2018 and the expected life of this project would be approximately 10 years.

## **Attachment 2**

### **FY 2017/18 Project List**

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7. **Phase 1 Myrtle Avenue Reconstruction Project (\$360,000)** – This project is part of a two phase project reconstructing Myrtle Avenue (Old Arcata Road) from Freshwater to Pigeon Point Road. The first phase of the project will be doing major repairs to the roadway which would be scheduled for spring of 2018 and the final phase would be an asphalt concrete overly and enhanced wet night visibility thermoplastic striping. The final project would have an expected life of 20 years or greater.
8. **Phase 1 Ocean Drive Rehabilitation Project (\$200,000)** – This project is located between School and Hiller Road in McKinleyville. The first phase is repair major sections of the roadway by grinding out the bad areas and replacing them with asphalt concrete. The future phases would be a drainage study, drainage improvements, asphalt concrete overlay, and thermoplastic striping. The first phase is scheduled for spring of 2018 and the expected life after all the phases are finalized would be 20 years or greater.
9. **Resurface School Road (\$25,000)** – This project is located between the Fischer Road and Ocean Drive in McKinleyville. Measure Z funds are being used to repair damages section of the roadway and the end product would be an accelerated cured slurry seal. This project would be scheduled for spring of 2018 and the expected life of this project would be approximately 10 years.
10. **Signalized Intersection Rehabilitation (\$115,000)** – The project is location at the intersection of Sutter Road and Central Avenue in McKinleyville. The project consists of rebuilding the curb ramps to comply with current ADA specifications, installing ADA pedestrian crosswalk communicators, battery backup system, and mandated signal assembly. This project would be scheduled for spring of 2018 and the expected life of this project would be 20 years or greater.

#### **Summary**

FY 2017/18 Project Totals (Projects 1 through 10) =

\$ 1,860,000

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