

**Exhibit A**  
**Further Amended List of Projects for Fiscal Year 2018-2019**

18/19-1. *Project Title:* **Area 4 culvert replacement projects FY 2018/19 Bid/Force**

*Project Description:* These projects will be a combination of bid item (contractor) and/or force account (county forces). The determination will rely on final scope of each individual culvert project, permitting agency's requirements and final overall cost requirements. These projects in general will consist of Replacement of deteriorated culverts, rehabilitation of inlet and outlet (normally rock armoring) and repair/ replace of road prism at excavation site. The Department has included extra culverts on this list and not all culverts on this list may get completed. Completion will be determined by: 1) timing of permits; 2) cost; and 3) weather conditions

*Project Locations:*

- Lighthouse Road (1D010) at PM 1.28, 1.35, 3.98, 2.13, and 2.61 (\$174,000)
- Bear River Ridge Road (2G005) at PM 0.72 (\$22,000)
- Mattole Road (F3C010) at PM 23.30, 28.95, 29.48, 35.15, and 40.05 (\$142,000)
- Lowery Road (2F010) at PM 0.16 (\$17,000)
- Upper Bear River Road (1F005) at PM 6.45 and 2.47 (\$75,000)
- Mattole Road ~ Bull Creek Area (F3D010) at PM 16.15 (\$43,000)
- Meridian Road (2G025) at PM 0.86 (\$36,000)
- Grizzly Bluff Road (F2G100) at PM 7.57 (\$34,000)
- Price Creek School Road (3G065) at PM 0.85 (\$36,000)

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$579,000

18/19-2. *Project Title:* **Area 3 culvert replacement projects FY 2018/19 Bid/Force**

*Project Description:* These projects will be a combination of bid item (contractor) and/or force account (county forces). The determination will rely on final scope of each individual culvert project, permitting agency's requirements and final overall cost requirements. These projects in general will consist of Replacement of deteriorated culverts, rehabilitation of inlet and outlet (normally rock armoring) and repair/ replace of road prism at excavation site. The Department has included extra culverts on this list and not all culverts on this list may get completed. Completion will be determined by: 1) timing of permits; 2) cost; and 3) weather conditions

*Project Locations:*

- Kneeland Rd (F6F060) at PM 1.20, 1.90, 2.00, 4.15, 8.52, 10.10, 10.20, 11.30, 11.40, and 12.80 (\$270,000)
- Freshwater Road (F6F060) at PM 39.41 (\$27,000)

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$297,000

18/19-3. ***Project Title: Area 1 culvert replacement projects FY 2018/19 Bid/Force***

*Project Description:* These projects will be a combination of bid item (contractor) and/or force account (county forces). The determination will rely on final scope of each individual culvert project, permitting agency's requirements and final overall cost requirements. These projects in general will consist of Replacement of deteriorated culverts, rehabilitation of inlet and outlet (normally rock armoring) and repair/ replace of road prism at excavation site. The Department has included extra culverts on this list and not all culverts on this list may get completed. Completion will be determined by: 1) timing of permits; 2) cost; and 3) weather conditions

*Project Locations:*

- Copenhagen Road (3H260) at PM 0.28 (\$21,000)
- Kneeland Road (F6060) at PM 14.76, 23.68, 23.80, 23.99, 24.41, 25.85, 27.00, 27.01, 27.79 (\$205,000)

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$226,000

18/19-4. ***Project Title: Area 2 culvert replacement projects FY 2018/19 Bid/Force***

*Project Description:* These projects will be a combination of bid item (contractor) and/or force account (county forces). The determination will rely on final scope of each individual culvert project, permitting agency's requirements and final overall cost requirements. These projects in general will consist of Replacement of deteriorated culverts, rehabilitation of inlet and outlet (normally rock armoring) and repair/ replace of road prism at excavation site. The Department has included extra culverts on this list and not all culverts on this list may get completed. Completion will be determined by: 1) timing of permits; 2) cost; and 3) weather conditions

*Project Locations:*

- Alderpoint Road (F6B165) at PM 15.77 and 21.61 (\$53,000)
- Beach Road (4A120) at PM 0.33 (\$18,000)
- Benbow Drive (6B180) at PM 3.45, 3.47 and 3.48 (\$74,000)

- Humboldt Loop Road (4A060) at PM 0.49 (\$21,000)
- Lower Pacific Drive (4A040) at PM 0.00 (\$27,000)
- Ridge View Circle (4A125) at PM 0.00 (\$29,000)
- Upper Pacific Drive (4A070) at PM 0.81 (\$34,000)

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$256,000

18/19-5. **Project Title: Area 5 culvert replacement projects FY 2018/19 Bid/Force**

*Project Description:* These projects will be a combination of bid item (contractor) and/or force account (county forces). The determination will rely on final scope of each individual culvert project, permitting agency's requirements and final overall cost requirements. These projects in general will consist of Replacement of deteriorated culverts, rehabilitation of inlet and outlet (normally rock armoring) and repair/ replace of road prism at excavation site. The Department has included extra culverts on this list and not all culverts on this list may get completed. Completion will be determined by: 1) timing of permits; 2) cost; and 3) weather conditions

*Project Locations:*

- Bald Hills Road (F4R300) at PM 0.6, 0.75, 1.60 (\$61,000)
- Kane Road (4Q010) at PM 1.00, 1.50, 1.70 (\$36,000)
- Maple Creek Road (F5L100) at PM 10.25 (\$13,000)
- Scenic Drive (4M310) at PM 1.50 (\$15,000)
- West End Road (5L010) at PM 2.90 and 3.25 (\$30,000)
- Old Three Creek Road (6L250) at PM 1.62, 1.63, and 2.95 (\$43,000)

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$198,000

18/19-6. **Project Title: Area 6 culvert replacement projects FY 2018/19 Bid/Force**

*Project Description:* These projects will be a combination of bid item (contractor) and/or force account (county forces). The determination will rely on final scope of each individual culvert project, permitting agency's requirements and final overall cost requirements. These projects in general will consist of Replacement of deteriorated culverts, rehabilitation of inlet and outlet (normally rock armoring) and repair/ replace of road prism at excavation site. The Department has included extra culverts on this list and

not all culverts on this list may get completed. Completion will be determined by: 1) timing of permits; 2) cost; and 3) weather conditions

*Project Locations:*

- Bair Road (6L300) at PM 4.19 (\$17,000)
- Bark Shanty Road (9R105) at PM 0.85 (\$18,000)
- Paterson Road (8M130) at PM 0.46 (\$13,000)
- Old Three Creek Road (6L250) at PM 1.62, 1.63, and 2.95 (\$43,000)
- Red Cap Road (8Q100) at PM 2.97 and 4.22 (\$41,000)
- Seely-McIntosh Road (8M140) at PM 0.71 (\$15,000)

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$147,000

**18/19-7. Project Title: Area 4 bid/contract culvert replacement project FY 2018/19  
Chambers Road at PM 0.75**

*Project Description:*

This is a bid (contracted) project that consists of replacing a deteriorated culvert, removing a temporary flatcar bridge, rehabilitating the inlet and outlet of the culvert, and repairing the road surface at excavation site.

*Project Location:*

- Chambers Road (2D030) at PM 0.75

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$75,000

**18/19-8. Project Title: Area 4 bid/contract culvert replacement project FY 2018/19  
Mattole Road at PM 17.67**

*Project Description:*

This is a bid (contracted) project that consists of replacing a deteriorated culvert with a new multi-plate culvert, rehabilitating the inlet and outlet of the culvert, and repairing the road surface at excavation site.

*Project Location:*

- Mattole Road [West] (F3C010) at PM 17.67

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$356,000

**18/19-9. Project Title: Area 4 bid/contract culvert replacement projects FY 2018/19  
Mattole Road at PM 17.92 and 24.57**

*Project Description:* This is a bid (contracted) project that consists of replacing two deteriorated culverts, rehabilitating the inlet and outlet of the culvert, and repairing the road surface at excavation sites.

*Project Location:*

- Mattole Road [West] (F3C010) at PM 17.92 and 24.57

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$141,000

**18/19-10. Project Title: Area 1 bid/contract culvert replacement projects FY 2018/19  
Kneeland Road at PM 19.67, 30.06, and 34.03**

*Project Description:* This is a bid (contracted) project that consists of replacing three deteriorated culverts, rehabilitating the inlet and outlet of the culvert, and repairing the road surface at excavation sites.

*Project Location:*

- Kneeland Road (F6F060) at PM 19.67, 30.06, and 34.03

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$692,000

**18/19-11. Project Title: Area 6 bid/contract culvert replacement projects FY 2018/19  
Butler Valley Road at PM 2.6**

*Project Description:* This is a bid (contracted) project that consists of replacing one deteriorated culvert, rehabilitating the inlet and outlet of the culvert, and repairing the road surface at excavation sites.

*Project Location:*

- Butler Valley Road (F5J031) at PM 2.6

*Estimated Construction Date:* 06/2019

*Estimated Useful Life:* Min 15 / Max 25

*Estimated Cost:* \$172,000

18/19-12. **Project Title: Area 5 phase 2 Myrtle Avenue reconstruction project**

*Project Description:* 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.

*Project Location:*

- Myrtle Avenue from Felt Road to Ryan Slough Bridge

*Estimated Completion Date:* 06/2019

*Estimated Useful Life:* Min 20 / Max 20

*Estimated Total Project Cost:* \$432,000

18/19-13. **Project Title: County wide roadway and culvert maintenance/rehabilitation**

*Project Description:* This project covers labor, materials and equipment needed for road system maintenance repairs throughout the entirety of Humboldt County. These activities include, but are not limited to; crack filling and sealing, pothole patching, grading, grader patching, dig outs, slurry seal, chip seal, striping, painting, and brush cutting. Additionally, materials required to complete these tasks, include, but are not limited to; hot and cold mix, tar, thermoplastic striping paints, culvert piping, and couplers, aggregate and any other materials used in the express intent of repairing a roadway or projects pertaining to safety. This includes both contracted and non-contracted work.

*Project Location:*

- County Wide

*Estimated Completion Date:* Ongoing

*Estimated Useful Life:* Min 20 / Max 20

*Estimated Total Project Cost:* \$2,000,000

18/19-14. *Project Title:* **Emergency services**

*Project Description:* This project encompasses all costs that pertain to emergency opening of roadways and the actions made to expedite repairs or provide service to disenfranchised citizens. These projects include, but are not limited to, culvert repair such as trenching, tunneling, compacting, armoring, as well as flagging, detouring, hauling, repairing, and providing essentials services such as transporting and accommodating citizens who have been deprived of the ability to utilize roadways due to unexpected road damages and closures. This includes both contracted and non-contracted work.

*Project Location:*

- County Wide

*Estimated Completion Date:* Ongoing

*Estimated Useful Life:* N/A

*Estimated Total Project Cost:* \$100,000 – \$1,000,000

18/19-15. *Project Title:* **Illegal dumping and encampment reclamation costs**

*Project Description:* This project covers the costs to clean up illegally dumped materials and restore sites where dumping has occurred. Costs include labor, materials and equipment required to clean, repair and reclaim affected sites. This includes both contracted and non-contracted work.

*Project Location:*

- County Wide

*Estimated Completion Date:* Ongoing

*Estimated Useful Life:* N/A

*Estimated Total Project Cost:* \$100,000

## Carry Over Projects from Fiscal Year 2017-2018

### 17/18-1. *Project Title:* **Area 3 phase 1 Myrtle Avenue reconstruction project**

*Project Description:* This is a bid (contracted) project that consists of finishing the major repairs (remove and replace failed pavement and base, as necessary) on Myrtle Avenue between Freshwater Road and Ryan Slough Bridge in preparation for phase two (full asphalt overlay over the project area).

*Project Location:*

- Myrtle Avenue (F3K300) from Freshwater Road to Ryan Slough Bridge

*Estimated Construction Date:* 05/2019

*Estimated Useful Life:* Min 20 / Max 20

*Estimated Cost:* \$360,000

### 17/18-2. *Project Title:* **Area 5 phase 1 Ocean Drive rehabilitation project**

*Project Description:* This is a bid (contracted) project that consists of performing major repairs (remove and replace failed pavement and base, as necessary) on Ocean Drive in preparation for phase two (full asphalt overlay over the project area).

*Project Location:*

- Ocean Drive (C3L080) PM 0.00 to 0.59

*Estimated Construction Date:* 05/2019

*Estimated Useful Life:* Min 20 / Max 20

*Estimated Cost:* \$200,000

### 17/18-3. *Project Title:* **Area 5 Signalized intersection rehabilitation of Sutter Road and Central Avenue Intersection**

*Project Description:* This is a bid (contracted) project that consists of light controllers, battery backup system, new light arms and mandated assembly units.

*Project Location:*

- Sutter Road (C4L800) / Central Avenue (A4L800) intersection

*Estimated Construction Date:* 05/2019

*Estimated Useful Life:* Min 20 / Max 20



*Estimated Cost:* \$295,000