



Department of Transportation (MCDOT)

Director's Report – June 21, 2016

• **Capital Project Update Integrated Work Program – Top 50 Projects List:** Attached is the 2016 update of the “Work Program Priorities List,” presented to the Board June 21, 2016. The number one priority, the National Pollutant Discharge Elimination System (NPDES), is up to date at MCDOT and the deadline was met. The project has been moved to mid-priority and operationalized work. Completed and removed items from last year’s list are as follows:

- Eastside Potter Valley Road Right-of-Way
- All of the 2011 storm damage sites

New to the list is 2016 storm damage:

- 2016 storm damage sites (three sites)

The department continues to advance these projects due to favorable funding from the Federal Highway Bridge Program - 100% reimbursed “off system” bridges through the Toll Credits program.

• **Road Closures: Intersection of Bray Road, County Road (CR) 305, Center Valley Road (CR 303), and Valley Road (CR 309) in Willits, June 27th:** The Mendocino County Department of Transportation will be replacing a large culvert at the intersection of Bray Road, Center Valley Road, and Valley Road in Willits. This replacement will require the department to close the intersection on Monday, June 27th from 6:00 am until 5:00 pm.

• **Recap of Budget Narrative Accomplishments:** The following highlights are presented for discussion:

MCDOT's LAND IMPROVEMENT DIVISION

Accomplishments in Fiscal Year (FY) 2015-16

- Hired a new Deputy Director to lead the Land Improvement Division.
- Completed inspections of storm drainage system within designated high priority areas under the NPDES Program to determine maintenance priorities.
- Received grant funding from the Coastal Conservancy through the Five Counties Salmonid Conservation Program for planning and design of the Company Ranch Road Sediment Reduction Project.
- Hired and trained a new permit engineer and worked to expedite the permit process, resolve a backlog of unresolved permits and violations, and begin an outreach and education program with local utility districts and contractors.
- Continued to train staff and coordinate with other County departments to improve timeliness and efficiency of land development application reviews.

Goals for FY 2016-17

- Continue working with the Five Counties Salmonid Conservation Program towards securing implementation grant funds for sediment reduction projects on Usal Road and Company Ranch Road.
- Further improve public safety and facilitate commerce through the Permit Program.
- Strive to facilitate orderly development through the land development process and permitting functions.

- Provide continued training to staff in permit processing, construction inspection, plan checking and development review skills to develop a versatile staff which is cross-trained to perform a variety of division functions.
- Continue the maintenance of all three (3) Mill Creek Dams.

Landfill Closure

Accomplishments in FY 2015-16

- Continued to fulfill Landfill Closure operations and site maintenance with staff from other MCDOT divisions – primarily Land Improvement Division because new private development workload remains low due the effects of the “Great Recession.” If at some point Land Improvement Division workload levels and associated project fee revenues return to past averages, it will be necessary to increase staffing to accomplish Landfill Closure operations.
- Implemented new Storm water Pollution Prevention Plans for Laytonville, Caspar and South Coast Landfills, updated by consultant SHN Consulting Engineers & Geologists, Inc., to conform to new storm water Industrial General Permit (IGP, Order No. 2014-0057-DWQ).
- Joined compliance group to reduce water testing requirements by 50% under the Industrial General Permit.
- Renewed contract with SWT Engineering to make final update to Final Closure/Post-Closure Maintenance Plan and Report of Waste Discharge for South Coast Landfill.

Goals for FY 2016-17

- Complete final update to Final Closure/Post-Closure Maintenance Plan and Report of Waste Discharge for South Coast Landfill and obtain acceptance by the North Coast Regional Water Quality Control Board and CalRecycle to possibly go to construction in 2017/18.
- Complete design and construct repair of landslide that occurred at Laytonville Landfill in December 2015.
- Continue to fulfill Landfill Closure operations and site maintenance with staff from other MCDOT divisions.

Round Valley Airport

Accomplishments in FY 2015-16

- Performed vegetation management activities to facilitate fire prevention.
- Completed obstruction removal to eliminate hazards within the navigable airspace.
- Continued to work cooperatively with emergency responders and local aviation community to identify and resolve airport issues, maintain facilities and enhance safety.
- Supported the part-time efforts of Administration Division and Land Improvement Division staff who administer the airport programs.

Goals for FY 2016-17

- Pave emergency vehicle parking area around helipad to improve access and safety for emergency responders.
- Continue to perform vegetation maintenance and obstruction removal to ensure aircraft safety.
- Continue to work productively with the aviation community to identify and resolve airport issues, maintain facilities and enhance safety.
- Continue to provide support facilities for local fire, emergency and rescue services.
- Continue to support the part-time efforts of Administration Division and Land Improvement Division staff who administer airport programs

Little River Airport

Accomplishments in FY 2015-16

- Completed obstruction removal project to eliminate hazards within the navigable airspace.
- Connected airport water system to emergency generator to allow for water availability during power outages.
- Installed security gate to prevent illegal camping and dumping on airport property.
- Worked with US Coast Guard, CalFire, CalStar and REACH to maintain facilities and provide support for air ambulance, local fire, emergency, and rescue services.
- Continued to work with Federal Aviation Administration (FAA) and California State Division of Aeronautics to ensure airport safety and eligibility for future grant funds.

Goals for FY 2016-17

- Secure Airport Improvement Program grant funding from FAA for phase II design and reconstruction of the taxiway, the taxiway connector and the south apron pavement.
- Remodel airport office to improve functionality and repair deterioration.
- Use existing materials to install fence to improve security of the long term parking area.
- Continue to provide support facilities for local fire, emergency and rescue services.
- Continue to provide support to the contracted Airport Supervisor and the part-time efforts of Land Improvement staff who apply their efforts to airport matters to the extent limited airport resources permit.

MCDOT's ROAD SERVICES DIVISION

Accomplishments in FY 2015-16

- Achieved NPDES compliance for year 3 requirements. Including surveys, mapping, inspections, and cleaning of drainage facilities in the Ukiah, Redwood Valley and Fort Bragg areas. Maximized drainage improvements by replacing deficient culverts with new larger culverts, in accordance with the Direct Inventory of Roads and Treatments database, with a strong emphasis on damage and flood prone areas.
- Performed preventive maintenance practices such as: chip seals, crack sealing, Dura-patching and drainage improvements on County maintained roads and bridge structures.
- Performed prep work, ditching, base repairs and leveling courses prior to corrective maintenance overlays and chip seals.
- Responded to approximately 116 emergency calls, 52 of which were after-hours call-outs including: downed trees, slides, accidents and snow and ice control.
- Assisted State Controller's Office with the completion of a seven year (FY 08/09 ~ FY 14/15) audit of the Road Fund, which resulted in an audit exit interview discussion and draft recommendations indicating no findings and a couple of recommendations to staff for minor accounting procedure changes. MCDOT Administrative staff is to be commended for their hard work in keeping accurate and organized accounting records and for assisting the State Controller's Office staff with this lengthy audit.

Goals for FY 2016-17

- Maintain a substantial preventive maintenance program that includes: an aggressive "crack sealing" program, drainage and culvert improvements, chip seal program, base repairs with asphalt overlays, and vegetation management.
- Continue to replace old, non-compliant, on- and off-road equipment, while maintaining the goal of reducing total fleet size.
- Increase safety training to further reduce injuries.
- Continue to maintain bridge and drainage structures throughout the County.
- Deliver prompt, efficient, professional customer service to the public.

MCDOT's ENGINEERING DIVISION

Accomplishments in FY 2015-16

- Rubberized Chip Seal Project: This project used a three-layer application of a slurry seal, a rubberized chip seal layer, and a fog seal of thick black emulsion as a final surfacing on:
 - North State Street (CR 104) from Mile Post (M.P.) 0.00 to 0.55 and M.P. 2.15 to 4.80.
 - South State Street (CR 104A) from M.P. 0.00 to 1.41.
 - Ford Road (CR 250) from M.P. 0.00 to 0.36.
 - Lake Mendocino Drive (CR 227B) from M.P. 0.14 to 1.33.
 - East Road (CR 230) from M.P. 0.00 to 5.40.
 - Ruddick Cunningham Road (CR 205) from M.P. 0.00 to 2.45.
 - Completed right-of-way acquisition for the East Side Potter Valley Road (CR 240) Widening and Reconstruction from M.P. 2.40 to M.P. 6.42.
- Completed construction of the seismic retrofit/replacement of the School Way Bridge over the Russian River (CR 236) M.P. 0.87, the Safe Routes to School project in Calpella on North State Street (CR 104) M.P. 4.76 to 4.90 and Moore Street (CR 229B) M.P. 0.20 to 0.37, and Bridge Preventative Maintenance on three bridges.
- Completed right-of-way acquisitions and Plans, Specifications, and Estimate (PS&E), awarded the construction contract, and began construction on the seismic retrofit of the Moore Street Bridge over the Russian River (CR 229B) M.P. 0.45 and the bridge replacement of the Muir Mill Road Bridge over Baechtel Creek (CR 301C) M.P. 2.07.
- Continued engineering design, environmental clearances and permitting, and right-of-way engineering and acquisition for the following bridge replacement projects:
 - Reeves Canyon Road Bridge over Forsythe Creek (CR 219) M.P. 0.46.
 - East Hill Road Bridge over Davis Creek (CR 301) M.P. 2.05.
 - North State Street Bridge over Ackerman Creek (CR 104) M.P. 0.75.
 - Sherwood Road Bridge over Rowes Creek (CR 311) M.P. 5.52.
 - Eureka Hill Road Bridge Seismic Retrofit over the Garcia River (CR 505) M.P. 4.92.
 - Branscomb Road Pedestrian Bridge over Ten Mile Creek (CR 429) M.P. 25.4.
 - Briceland Road Bridge over Mattole River (CR 435) M.P. 0.63.
 - Hill Road Bridge over Mill Creek (CR 327B) M.P. 2.05.
 - Philo-Greenwood Road Bridge over the Navarro River (CR 132) M.P. 17.33.
 - Powerhouse Road Bridge over Williams Creek (CR 248A) M.P. 0.90.
 - Wilderness Lodge Road Bridge over Dutch Charlie Creek (CR 320) M.P. 0.72.

Goals for FY 2016-17

- Perform Corrective Maintenance by either contract or County crews (*pending funding availability*).
- Complete construction of the seismic retrofit of the Moore Street Bridge over the Russian River (CR 229B) M.P. 0.45 and the bridge replacement of the Muir Mill Road Bridge over Baechtel Creek (CR 301C) M.P. 2.07.
- Complete PS&E, utility pole relocation, and environmental permitting for the East Side Potter Valley Road Widening and Reconstruction (CR 240) M.P. 2.40 to M.P. 6.42.
- Complete right-of-way acquisition and PS&E, award the construction contract, and begin construction on the following bridge replacement projects: the Reeves Canyon Road Bridge over Forsythe Creek (CR 219) M.P. 0.46, the East Hill Road Bridge over Davis Creek (CR 301) M.P. 2.05, the Sherwood Road Bridge over Rowes Creek (CR 311) M.P. 5.52, and the Branscomb

Road Pedestrian Bridge over Ten Mile Creek (CR 429) M.P. 25.41 (*pending construction authorization from the Federal Highway Administration*).

- Continue engineering design, environmental clearances and permitting, and right-of-way engineering and acquisition for the following bridge replacement projects: the North State Street Bridge over Ackerman Creek (CR 104) M.P. 0.75, the Eureka Hill Road Bridge Seismic Retrofit over the Garcia River (CR 505) M.P. 4.92, the Briceland Road Bridge over Mattole River (CR 435) M.P. 0.63, the Hill Road Bridge over Mill Creek (CR 327B) M.P. 2.05, the Philo Greenwood Road Bridge over the Navarro River (CR 132) M.P. 17.33, the Powerhouse Road Bridge over Williams Creek (CR 248A) M.P. 0.90, and the Wilderness Lodge Road Bridge over Dutch Charlie Creek (CR 320) M.P. 0.72; and begin pre-construction activities, including preliminary engineering design, environmental clearances and permitting, and preliminary right-of-way engineering for the following bridge replacement projects: the Usal Road Bridge over Usal Creek (CR 431) M.P. 5.93, the Outlet Creek Bridge on Reynolds Highway (CR 310) M.P. 4.87, the Eel River Bridge on Hearst Willits Road (CR 306) M.P. 14.60, and the Robinson Creek Bridge on Lambert Lane (CR 123A) M.P. 14.60.

Storm Damage Repair

Accomplishments in FY 2015-16

- Completed construction of the 2011 storm damage Permanent Restoration projects on Mountain View Road (CR 510) at M.P. 15.36 and 15.40.
- Completed final closeout of the 2011 storm damage Permanent Restoration projects on Comptche Ukiah Road (CR 223) at M.P. 8.25 and 8.50.
- Completed design, environmental, and right-of-way acquisition work, as well as awarded the construction contract, for the last 2011 storm damage Permanent Restoration project on Mountain View Road (CR 510) at M.P. 14.04.

Goals for FY 2016-17

- Construct the 2011 storm damage Permanent Restoration project on Mountain View Road (CR 510) at M.P. 14.04.
- Seek funding for repairs to four 2016 storm damage sites.
- Continue to restore the existing road system to pre-disaster conditions to ensure that the roads stay open and safe for the traveling public.
- Continue to perform storm damage repairs that are vital to the well-being of the traveling public in the most efficient manner possible.
- Support, through training and collaborative input, our high-potential employees who constitute the next generation of Department staff personnel and managers.

COUNTY OF MENDOCINO
INTEGRATED WORK PROGRAM PRIORITIES (FY 2016/2017 - FY 2021/2022)
Department of Transportation Top 50 Projects

DATE PREPARED: June 21, 2016

SHEET 1 OF 5

PRIORITY	ROAD	PROJECT LOCATION	PROJECT DESCRIPTION	EST. COST (THOUSANDS)(2)	FUNDING SOURCE NOTES(3)	CALENDAR YEAR PLANNED (CONSTRUCTION)(4)
1	Countywide	1/3 total miles per year	Traffic Safety Review	30	MCOG	Annual
2	Storm Damage Repair Programs – 2016 event	Various	Contract Storm Damage Repairs, 3 sites	750	FHWA, Road Fund (11.47%)	19
3	East Side Potter Valley Road CR 240	M.P. 2.70 to M.P. 4.70	Reconstruct and Widen Road (Construction Phase)	(5,000 needed) 4,320	2020 STIP Augmentation 2000 STIP	20-22
4	Pavement Preservation (1) Pavement Management	Various Avg. PCI >37	Assign personnel to develop an effective use of data and better track maintenance expenditures	(400 total)	Road fund General fund	Annual Augmentation
5	South Coast Landfill	*	Final Closure - 2011 order to proceed	2,312	Landfill Fund	17
6	Moore Street - Seismic Retrofit CR 229B	M.P. 0.45	Retrofit Bridge and Approaches over West Fork, Russian	1,136	1B LBSRP & HBP (5) – 32 match	16
7	Eureka Hill Road - Seismic Retrofit CR 505	M.P. 4.92	Replace Bridge and Approaches over Garcia River	4,521	1B LBSRP & HBP (5) – 184 match	18
8	East Hill Road Bridge CR 301	M.P. 2.01	Replace Bridge and Approaches over Davis Creek	3,456	HBP – 127 match	17
9	Briceland Road Bridge CR 435	M.P. 0.63	Rehabilitate Bridge and Approaches over Mattole River	1,950	HBP – 112 match	18
10	Reeves Canyon Road Bridge CR 219	M.P. 0.46	Rehabilitate Bridge and Approaches over Forsythe Creek	2,162	HBP – 114 match	17
11	Hill Road Bridge CR 327B	M.P. 2.05	Rehabilitate Bridge and Approaches over Mill Creek	2,316	HBP – 114 match	19
12	Muir Mill Road Bridge CR 301C	M.P. 2.07	Rehabilitate Bridge and Approaches over Baechtel Creek	1,517	HBP – 107 match	16

COUNTY OF MENDOCINO
INTEGRATED WORK PROGRAM PRIORITIES (FY 2016/2017 - FY 2021/2022)
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PRIORITY	ROAD	PROJECT LOCATION	PROJECT DESCRIPTION	EST. COST (THOUSANDS)(2)	FUNDING SOURCE NOTES(3)	CALENDAR YEAR PLANNED (CONSTRUCTION)(4)
13	Philo-Greenwood Road Bridge CR 132	M.P. 17.33	Rehabilitate Bridge and Approaches over Navarro River	8,473	HBP – 177 match	19
14	Sherwood Road- Rowes Creek CR 311	M.P. 5.20	Replace Bridge and Approaches over Rowes Creek	2,727	HBP – 119 match	17
15	Powerhouse Road CR 248A	M.P. 0.09	Replace Bridge and Approaches over Williams Creek	2,223	HBP – 114 match	20
16	Wilderness Lodge Road Bridge CR 320	M.P. 0.72	Replace Bridge and Approaches over Dutch Charlie Creek	2,015	HBP – 112 match	20
17	Reynolds Highway Bridge CR 310	M.P. 0.09	Replace Bridge and Approaches over Outlet Creek	2,250	HBP -	*
18	Camp 1 Ten-Mile Road Bridge CR 427	M.P. 0.72	Replace Bridge and Approaches over South Fork 10 Mile River	250	HBP -	*
19	Nokomis Road, Pratt Ranch Road CR 117 & 116A	M.P. 087 M.P. 1.46	Improve roads serving tribe	3,230	BIA, Road Fund	Unknown
20	Windy Hollow Road & Bridge Mamie Lawa Road CR 508 & 508A	M.P. 1.96	Construct Bridge and Approaches over the Garcia River – improve roads serving tribe	14,000	BIA ?	Unknown
21	Bridge Heavy Maintenance	Various	Countywide	0	HBP	Annual
22	North State Street CR 104	M.P. 1.60	Ackerman Creek Bridge (Phase 2)	7,284	HBP & Redevelop 646 match	19-20
23	Branscomb Road Pedestrian Bridge CR 429	M.P. 23.7	Laytonville Pedestrian Bridge Tennmile Creek	1,026	TE – 504 local	17
24	NPDES II Municipal Separate Storm Sewer System (MS4)	Ukiah Valley Immediately adjacent Fort Bragg	Urban Development Pollution Sources	171	Road Fund	Annual
25	Lambert Lane CR 123A	M.P. 0.07	Replace Bridge and Approaches over Robinson Creek	3,752	HBP – 128 match	20

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INTEGRATED WORK PROGRAM PRIORITIES (FY 2016/2017 - FY 2021/2022)
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PRIORITY	ROAD	PROJECT LOCATION	PROJECT DESCRIPTION	EST. COST (THOUSANDS)(2)	FUNDING SOURCE NOTES(3)	CALENDAR YEAR PLANNED (CONSTRUCTION)(4)
26	HYW 101 interchange North State (Raley's) Pinoleville Casino access, CR 104		Traffic Signal upgrades (Phase 1A) (Phase B2 alternative)	\$448 \$4,410	TCSP? & STIP? Tribe (delayed)	*
27	Countywide ADA	Various	Pedestrian Facilities (needs assessment complete)	*	1,000, MCOG	Ongoing
28	Round Valley Airport	Covelo	Complete taxiway Road realignment (in progress)	1,100	FAA & NCC	17
29	Caspar Underground District CR 569	Caspar Road	Under final Right-of-Way Construction started 09/10	75 1,000	NCC Rule 20 PG&E	18
30	Gualala Underground District Phase II	State Rt 1	Under final Right-of-Way Construction started 09/10	37 5,000	NCC Rule 20 PG&E	*
31	Orr Springs Road Culvert CR 223	M.P. 27.98	5-C Coastal Conservancy Grant funds Dark Gulch - Tributary to South Fork Big River	600	CDF&G, 5-C	20
32	Fish Rock Road Culverts CR 122	M.P. 25.36	5-C Coastal Conservancy Grant funds Mill Creek 1&2	950	CDF&G, 5-C	20
33	North State Street Sidewalks CR 104	M.P. 0.55 to M.P. 1.60	Add sidewalks – property owners donate easements?	9,000	STIP (TE) ?	20
34	Little River Airport	Little River	taxiway rehabilitation Jet Fuel (Future Phase II)	50 1,805	FAA & NCC	17 19
35	Dobie Lane Creek Ford CR 329	M.P. 2.5	Seasonal bridge on Mill Creek unpermittable	*	Road fund	*
36	Brush Street & Lake Mendocino Dr. at RR crossing		Improve Railroad Crossings - 2 sites	200 unfunded	future STIP	*
37	Tomki Road, CR 237D (Low Water Crossings)	M.P. 7.30 to M.P. 8.70	Build remaining water ford on Cave Creek – study other 8 fords	337.5	NCRWQCB (no funds)	*
38	County Storm Water Management Plan / TMDL Action Plan - Garcia Watershed			unfunded mandate	Road fund	Annual
39	Mountain View Road Bridge CR 510	M.P. 20.30	Replace Bridge and Approaches over Rancheria Creek	750	HBP	25

COUNTY OF MENDOCINO
INTEGRATED WORK PROGRAM PRIORITIES (FY 2016/2017 - FY 2021/2022)
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DATE PREPARED: June 21, 2016

SHEET 4 OF 5

PRIORITY	ROAD	PROJECT LOCATION	PROJECT DESCRIPTION	EST. COST (THOUSANDS)(2)	FUNDING SOURCE NOTES(3)	CALENDAR YEAR PLANNED (CONSTRUCTION)(4)
40	Hearst Willits Road Bridge CR 306	M.P. 14.60	Replace Bridge and Approaches over Eel River	3,000	HBP	25
41	Usal Road Bridge CR 431	M.P. 5.93	Replace Bridge and Approaches over Usal Creek	2,634	HBP	25
42	Navarro Ridge Road Bridge CR 518	M.P. 3.60	Replace Bridge and Approaches over Hay Creek	2,000	*	25
43	Gualala Road Bridge CR 501	M.P. 1.52	Replace Bridge and Approaches over Gualala River	3,000	*	25
44	Canyon Road Bridge CR 308	M.P. 1.34	Replace Bridge and Approaches over Berry Creek	1,000	*	25
45	Covelo Area Roads (varies)	M.P. varies	Improve roads serving tribe	varies	BIA	*
46	Development Impact Fees	New Dev. Fees	AB 1600 Traffic Impact Fees AB 218 Drainage, Underground Impact Fees	10	MCOG & NCC	*
47	Brooktrails 2 nd Access Road	(Not Yet Identified)	Provide Second Access Road to Brooktrails Township (Phase I Env., Prelim. Engineering)	* *	* *	*
48	Redemeyer Road CR 215A	M.P. 2.48 to M.P. 2.70 (Est.)	Redemeyer Road Alternate Access (Phase I Env., Prelim. Engineering)	*	*	*
49	Fish Rock, Co Ranch, Usal Road	varies	Sediment Reduction Projects	*	5-C	20
50	Spy Rock, Mina, Eel River, Bell Springs, Muir Mill, Pine Ridge, Signal Ridge, Peachland, Low Gap Sherwood, Fort Bragg/Sherwood, etc...	(Various)	Improve Roadway – dirt to surfaced	(30,000total) 500 per year	*	*

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INTEGRATED WORK PROGRAM PRIORITIES (FY 2016/2017 - FY 2021/2022)
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- Notes:
- (1) Road projects within this plan addresses only a portion of the current deficiencies in the County Maintained Road System (including bridges and other related features) and does not include needed asphalt concrete overlays and chip seals (current pavement condition index (PCI) indicate that as much as \$616 million is needed to bring all County Roads above a PCI of 80 to 100).
 - (2) All cost estimates are in 2016 dollars.
 - (3) "Funding Source" is indicated only for those projects with a known funding program/source. * Funding for other projects is currently unidentified. If a funding source becomes available then that project could move up in the ranking.
 - (4) The number of projects shown for construction starts in the 2015-2020 timeframe is based on a "best case" funding scenario. The listed start dates for numerous projects may slip due to funding considerations.
 - (5) Loss of state match – we put these projects on hold waiting for the state to restore match – this happened after Prop 1B passed!
- * Required project but not yet programmed; funding not yet identified. Work could be started in the 2016-2021 timeframe, unless funding constraints render this impossible.