

Year of Damage	DAF Number (FHWA) or FEMA DI / PW	County W/O Number	FEMA or ER	Road or Bridge Number	Location	Post Mile	Description of Work	Damage Description	Labor Type	Cost Estimate
2020	417626		FEMA	501			Stripe Repair	Epoxy Striping melted and lost reflectivity on roadway	Contract	\$ 30,000
2020	417627	20Augustfire-04	FEMA	MULTIPLE			Sign Repair	Multiple road signs and delineators damaged over fire damaged area	Force Account	\$ 30,000
2020	417628	20-2918	FEMA	5C-244	South Fork Mad River Bridge	28.1	Bridge Rail Repair	Bridge Approach rail and Terminal End Sections have burnt posts, blocks, and	Contract	\$ 15,000
2020	417629	20-2928	FEMA	5C-241	Van Horn Creek Bridge	25.019	Bridge Rail Repair	Bridge Approach rail and Terminal End Sections have burnt posts, blocks, and	Contract	\$ 30,000
2020	417630	20-2938	FEMA	5C- 163	Mad River Bridge on Mad River Rd.	24.094	Bridge Rail Repair	Bridge Approach rail and Terminal End Sections have burnt posts, blocks, and	Contract	\$ 150,000
2020	417631	20-2948	FEMA	5C-189	Littlefield Crk. Bridge on Mad River Rd.		Bridge Rail Repair	Bridge Approach rail and Terminal End Sections have burnt posts, blocks, and	Contract	\$ 30,000
2020	417632	20-0498	FEMA	502	Ruth Zenia Rd.	6.3	DI and DD Repair	Melted 24" di & 15" HDPE + down drain	Force Account	\$ 20,000
2020	417633	20-0508	FEMA	502	Ruth Zenia Rd.	5.925	Down Drain Repair	15' x 18" 1/2 HDPE Down drain melted	Force Account	\$ 5,000
2020	417634	20-0518	FEMA	502	Ruth Zenia Rd.	5.59	Down Drain Repair	20' x 18" HDPE Down drain mostly melted - halfpipe	Force Account	\$ 5,000
2020	417635	20-0528	FEMA	502	Ruth Zenia Rd.	6.7	Down Drain Repair	Melted outlet on 12" HDPE culvert and melted delineator marking culvert.	Force Account	\$ 5,000
2020	417636	20-0538	FEMA	502	Ruth Zenia Rd.	3.781	Culvert Repair	34" x 170' pipe liner burnt and riser pipe w/ trash rack damaged - deep fill	Contract	\$ 1,500,000
2020	417638	20-0548	FEMA	502	Ruth Zenia Rd.	2.691	Culvert Repair	60" melted HDPE slip liner & standpipe - 150' long	Contract	\$ 2,500,000
2020	417639	20-0558	FEMA	502	Ruth Zenia Rd.	0.824	Culvert Repair	45" diameter x 175' long HDPE culvert liner melted	Contract	\$ 750,000
2020	417640	20-0568	FEMA	502	Ruth Zenia Rd.	6.459	Down Drain Repair	1/2 18" HDPE Down drain melted = 20' long	Force Account	\$ 5,000
2020	417641	20-0578	FEMA	502	Ruth Zenia Rd.	3.6	Guardrail Repair	Guard rail - 21 posts burnt / 3 delineators burnt / 4 burnt/melted chevron panels	Contract	\$ 20,000
2020	417642	20-0588	FEMA	502	Ruth Zenia Rd.	5.24	Culvert Repair	HDPE Pipe inlet melted 24" x 160' - elbow in middle of road	Contract	\$ 200,000
2020	417643	20-2958	FEMA	5C-62	Mad River Bridge on Ruth Zenia Rd.	0.1-0.2	Bridge Rail Repair	2 end terminal sections damaged - 1 post on third	Contract	\$ 15,000
2020	417644	20-0409	FEMA	521	Hoaglin Rd.	0.407	Culvert Repair	12" plastic outlet melted, but may be cut off	Contract	\$ 25,000
2020	417645	20-2959	FEMA	5C-224	Kettenpom Creek Bridge on Hoaglin Rd.	2.713	Bridge Rail Repair	Bridge rail blocks burnt, approach rail posts and blocks burnt. Possible damage	Contract	\$ 30,000
2020	417646	20-0258	FEMA	501	Mad River Rd.	19.631	Culvert Repair	12" dia x 40' Long HDPE culvert inlet clogged and crushed, outlet burned out	Force Account	\$ 10,000
2020	417647	20-0598	FEMA	502	Ruth Zenia Rd.	7.194	Road Repair	Tree fell and damaged the road embankment. 46ft long, 5 ft. deep, 8ft width	Contract	\$ 100,000
2020	417648	20-0608	FEMA	502	Ruth Zenia Rd.	7.595	Culvert and DD Repair	Melted 12" plastic culvert and down drain. 6" UD outlet melted	Force Account and Contract	\$ 20,000
2020	417649	20-0618	FEMA	502	Ruth Zenia Rd.	7.792	DD Repair	Melted hole in Aluminum down drain	Force Account	\$ 5,000
2020	417650	20-0388	FEMA	501	Mad River Rd.	21.874	Culvert Repair	18" dia CMP culvert had inlet crushed by fire equipment.	Force Account	\$ 5,000
2020	417651	20-0419	FEMA	503	Zenia Lake Mountain Rd.	8.536	DI and Underdrain Repair	15"x3' Drain inlet burned out - Could not locate the two 6" HDPE underdrains	Force Account	\$ 10,000
2020	417652	20-0429	FEMA	503	Zenia Lake Mountain Rd.	8.558	Culvert Repair	Inlet side of 18"DIA. 60' Long plastic culvert burned out not sure how far in - Ou	Contract	\$ 200,000
2020	417653	20-0439	FEMA	503	Zenia Lake Mountain Rd.	8.853	Underdrain Repair	Could not find either of the two 6" HDPE underdrain cleanouts - Possible fire de	Contract	\$ 20,000
2020	417654	20-0449	FEMA	503	Zenia Lake Mountain Rd.	12.372	Culvert Repair	Outlet of 12"x50' HDPE Type-S plastic ditch relief culvert is melted. Cannot tell	Force Account	\$ 25,000
2020	417655	20-0459	FEMA	503	Zenia Lake Mountain Rd.	18.544	Culvert Repair	18"x55' CMP pipe outlet damaged by fire equipment. Firebreaks, disturbed gro	Force Account	\$ 5,000

Year of Damage	DAF Number (FHWA) or FEMA DI / PW	County W/O Number	FEMA or ER	Road or Bridge Number	Location	Post Mile	Description of Work	Damage Description	Labor Type	Cost Estimate
2020	417656	20-0628	FEMA	502	Ruth Zenia Rd.	9.627	Culvert Repair	Fire crew fell tree on 18"x50' CMP outlet. Pipe outlet is damaged.	Force Account	\$ 5,000
2020	430738	20-0398	FEMA	501	Mad River Rd.	19.269	Culvert Repair	CMP outlet is crushed and covered	Force Account	\$ 5,000
2020	430739	20-0638	FEMA	502	Ruth Zenia Rd.	6.117	Down Drain Repair	15' x 18" 1/2 HDPE Down drain melted	Force Account	\$ 5,000
2020	430740	20-0378	FEMA	502	Ruth Zenia Rd.	6.1	Road Repair	Tree roots burnt out under road causing erosion. 50ft of road bank sliding	Force Account	\$ 100,000
2020	430741	20-0469	FEMA	503	Zenia Lake Mountain Rd.	18 to END	Road Repair	Fire equipment did some damage to the road - Deep cat marks and pavement	Force Account	\$ 200,000
2020	430742	20-0479	FEMA	520	Long Ridge Rd.	6.8	Road Repair	7' x 7'6" x 3'6" deep hole boards road causing sliding and erosion	Force Account	\$ 5,000
2020	430743	20-0489	FEMA	520	Long Ridge Rd.	9	Road Repair	9' x 6' x 4' deep hole from burned out tree 2' from road causing sliding and erosion	Force Account	\$ 5,000
2020	PMP-TRICO-007	20-0268	ER	502	Ruth Zenia Rd.	13.846	Culvert Repair	18"Dia. 70' CSP Burned tree fell and uprooted Outlet. Can not see remaining CSP	Contract	\$ 27,496.00
2020	PMP-TRICO-008	20-0278	ER	502	Ruth Zenia Rd.	16.197	Culvert Repair	DRC 18"Dia. 85' SBP A section of plastic pipe burned and melted on Outlet side	PR/EO	\$ 26,516.00
2020	PMP-TRICO-009	20-0288	ER	502	Ruth Zenia Rd.	16.782	Culvert Repair	XING 18"Dia. 40' SBP A section of plastic culvert melted on the Outlet side and	PR/EO	\$ 38,360.00
2020	PMP-TRICO-010	20-0298	ER	502	Ruth Zenia Rd.	17.424	Culvert Repair	XING 18"Dia. 80' SBP Inlet burned out and caved in.	PR/EO	\$ 53,396.00
2020	PMP-TRICO-011	20-0308	ER	502	Ruth Zenia Rd.	18.111	Culvert Repair	XING 18"Dia. 60' SBP Outlet not found and also a possible melted pipe and road	PR/EO	\$ 48,356.00
2020	PMP-TRICO-001	20-0318	ER	501	Mad River Rd.	11.558	Culvert Repair	72" CSP 180' Felled trees on and around culvert inlet.	Contract	\$ 29,245.00
2020	PMP-TRICO-002	20-0328	ER	501	Mad River Rd.	12.723	Culvert Repair	18" CSP DI: 36"x7' smashed by fire crew equipment	PR/EO	\$ 11,200.00
2020	PMP-TRICO-003	20-0338	ER	501	Mad River Rd.	12.928	Culvert Repair	18" CSP with melted 15"SBP liner. Plastic liner is melted several feet into pipe	Contract	\$ 72,600.00
2020	PMP-TRICO-003	20-0368	ER	501	Mad River Rd.	13.11	Culvert Repair	Melted 24" HDPE culvert inlet & barrel under the road.	Contract	\$ 33,200.00
2020	PMP-TRICO-004	20-0348	ER	501	Mad River Rd.	14.97	Drainage Inlet Repair	18" CSP DI: 18"x4' Damaged DI from fallen tree	PR/EO	\$ 11,200.00
2020	PMP-TRICO-005	20-0358	ER	501	Mad River Rd.	16.625	Culvert Repair	12" 60ft. SBP Outlet side Burned out	Contract	\$ 92,220.00
2020	PMP-TRICO-006	20-0248	ER	501	Mad River Rd.	16.776	Culvert Repair	12" 40ft. SBP Outlet side Burned out	PR/EO	\$ 54,500.00

2019	314437	19-CATA	FEMA					Debris removal - down trees and debris from culvert overtopping		\$ 129,000.00
2019	314383	19-0054	FEMA	412	Sky Ranch Rd.	0.7	Road Repair	Road Washout of half a lane		\$ 171,000.00
2019	314384	19-0113	FEMA	221	Steiner Flat Rd.	3.5	Road Repair	Culvert failure under roadway damaged roadway		\$ 42,000.00
2019	314385	19-0026	FEMA	319	Morgan Hill Rd.	2.8	Culvert Repair	Failed 24" ? culvert under roadway.		\$ 56,000.00
2019	314386	19-0146	FEMA	319	Morgan Hill Rd.	0.48	Road Repair	Large 8' ? diameter culvert overtopped, washing out roadbed and shoulder material at inlet and outlet		\$ 50,000.00
2019	314387	19-0156	FEMA	343	East Fork Rd.	3.28-5.5	Road Repair	Culverts plugged or exceeded capacity in multiple locations leaving debris on roadway and causing ex		
2019	314387	19-0166	FEMA	320	Kingbury	2.75-2.94	Road Repair	Culverts plugged or exceeded capacity in multiple locations leaving debris on roadway and causing ex		
2019	314387	19-0176	FEMA	353	Rattlesnake Rd.	1.53-2.13	Road Repair	Culverts plugged or exceeded capacity in multiple locations leaving debris on roadway and causing ex		\$ 30,000.00
2019	314387	19-0186	FEMA	329	Summit Creek Rd.	3.97-4.06	Road Repair	Culverts plugged or exceeded capacity in multiple locations leaving debris on roadway and causing ex		

Year of Damage	DAF Number (FHWA) or FEMA DI / PW	County W/O Number	FEMA or ER	Road or Bridge Number	Location	Post Mile	Description of Work	Damage Description	Labor Type	Cost Estimate
2019	314387	19-0193	FEMA	335	Deerlick Springs Rd.	6.62	Road Repair	Culverts plugged or exceeded capacity in multiple locations leaving debris on roadway and causing ex		
2019	314388	19-0135	FEMA	443	Byoff Rd.	1.64	Road Repair	Road slipout on single lane gravel road		\$ 200,000.00
2019	316330	19-0127	FEMA	370	Hyampom Airport Rd.	0.3	Road Repair	River eroded embankment and RSP		\$ 150,000.00

2017	TRTCA01		FEMA							\$ 44,236.00
2017	TRTCC04	17-0175	FEMA	402	Denny Rd.	7.6	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd. 270' long x 12' wide		\$ 1,585,000.00
2017	TRTCC04	17-0185	FEMA	402	Denny Rd.	7.9	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd. 160' long x 12' wide		
2017	TRTCC04	17-0205	FEMA	402	Denny Rd.	8.2	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd. 240' long x 10' wide		
2017	TRTCC04	17-0215	FEMA	402	Denny Rd.	8.5	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd. 108' long x 10' wide		
2017	TRTCC05	17-0021	FEMA	112	Trinity Alps Rd	1	Road Repair	30' tall Outboard Road Embankment Failure		\$ 63,009.00
2017	TRTCC07	17-0288	FEMA	502	Ruth Zenia Rd.	3.2	Road Repair	Road Fill Failure - Cracks / Depression in Rd. 200' long x 12' wide		\$ 704,000.00
2017	TRTCC03	17-0235	FEMA	417	Underwood Mountain Rd.	1.95	Road Repair	Embankment Damage - Road Washout / Settlement in Road 35'long x 15'wide		\$ 199,000.00
2017	TRTCC06	17-0095	FEMA	444	Salyer Loop Rd.		Road Repair	Cut Slope Failure, Slide Onto Roadway - 270' long x 45' wide		\$ 128,015.83
2017	TRTCC06	17-0121	FEMA	104	Coffee Creek Rd.	4.2	Road Repair	Culvert Overtopped and Eroded Outboard Shoulder and Under Edge of Pavement		
2017	TRTCC06	17-0111	FEMA	152	Carville Loop	0.55	Culvert Repair	2x24" Culverts Overtopped and Removed to Protect Road / Structure		
2017	TRTCC05	17-0361	FEMA	104	Coffee Creek Rd.	6	Road Repair	Culvert Plugged, Water Bypassed and Eroded Gravel Road		\$ 87,040.00
2017	TRTCC03	17-0245	FEMA	402	Denny Rd.	3.7	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd.		\$ 1,288,000.00
2017	TRTCC03	17-0195	FEMA	402	Denny Rd.	8.15	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd. 200' long x 12' wide		
2017	TRTCC03	17-0145	FEMA	402	Denny Rd.	9	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd. 80' long x 8' wide		
2017	TRTCC03	17-0155	FEMA	402	Denny Rd.	9.75	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd. 75' long x 12' wide		
2017	TRTCC03	17-0335	FEMA	402	Denny Rd.	9.9	Road Repair	Outboard Road Fill Starting to Slide Away - Many Elongated Cracks Developing		
2017	TRTCC03	17-0345	FEMA	402	Denny Rd.	12.5	Road Repair	Outboard Road Fill Failure - Cracks / Depression in Rd. 100' long x 8' wide		
2017	TRTCC08	17-0277	FEMA	370	Hyampom Airport Rd.	0.23	Embankment Repair	Road Embankment Eroded By River / RSP Washed Away		\$ 25,697.00
2017	TRTCC07	17-0267	FEMA	311	Lower South Fork Rd.	10.5	Road Repair	Outboard Road Fill Failure - Cracks / Vertical Drops of 4-6"		\$ 463,000.00
2017	TRTCC06	17-0358	FEMA	502	Ruth Zenia Rd.	6.7-6.8	Road Repair	Road Fill Failure - Cracks / Depression in Rd. 190' long x 20' wide		\$ 1,259,000.00
2017	TRTCC04	17-0104	FEMA	401	Canyon Creek Rd.	0.75	Road Shoulder Repair	Creek Eroded Away Entire Shoulder and Some Fill Under Travel Way- 30' vert. drop		\$ 679,000.00
2017	TRTCA01		FEMA							\$ 85,779.00
2017	TRTCB02		FEMA							\$ 15,369.00
2017	PMP-TRI-002		ER	511	Trinity Dam Blvd	4.1	Road Repair		Construction	\$ 254,957.00
2017	PMP-TRI-004		ER	511	East Side Road		Road Repair		Construction	\$ 2,059,094.00
2017	PMP-TRI-001		ER	511		3.6				

Year of Damage	DAF Number (FHWA) or FEMA DI / PW	County W/O Number	FEMA or ER	Road or Bridge Number	Location	Post Mile	Description of Work	Damage Description	Labor Type	Cost Estimate
DO NOT ENTER INTO 1770. THIS IS IN RMRA BUDGET										
2019	SKM-TRICO-001	19-0017	ER	301	Hyampom Rd.	20.1-20.3	Slope Repair	Over Saturated Slope Failure - 300' long x 24' wide		\$ 2,345,063.00
2017	PMP-TRI-001	17-0018	ER	511	Van Duzem Rd.	4.1	Road Repair	River Washed Away Shoulder and Undermined One Lane of the Road	CFL Contract	\$ 1,579,301.00
2017	PMP-TRI-006	17-0087	ER	301	Hyampom Rd.	11.4	Road Repair	Cut Slope Failure 160'	CFL Contract	\$ 264,570.00
2017	PMP-TRI-007	17-0138	ER	501	Mad River Rd.	7.5	Road Repair	Outboard Road Fill Failure Undermining Travel Lane - 215' long failure area	CFL Contract	\$ 853,870.00
2017	PMP-TRI-008	17-0038	ER	501	Mad River Rd.	8	Road Repair	Large Cracks / Depression With 4-6" vertical drop in Cracks - 160' long 24' wide	CFL Contract	\$ 224,572.00
2017	PMP-TRI-009	17-0308	ER	501	Mad River Rd.	0.15	Road Repair	Large Cracks Developing In Paved Shoulder - Guardrail and Dike Damaged	CFL Contract	\$ 495,052.00
2017			CDAA	502	Ruth Zenia Rd.	15.4	Road Repair		CFL Contract	\$ 44,700.00
2017	PMP-TRI-011	17-0058	ER	502	Ruth Zenia Rd.	16.3	Road Repair	Outboard Road Embankment Failure +/-3' Vert Drop at EP - approx 100' long	CFL Contract	\$ 208,446.00
2017	PMP-TRI-012	17-0068	ER	502	Ruth Zenia Rd.	17.7	Road Repair	Undulating Depressions Cracks and large 1-3" Vertical Drops - approx 100' long	CFL Contract	\$ 130,003.00
2017	PMP-TRI-013	17-0078	ER	502	Ruth Zenia Rd.	18.1	Road Repair	Undulating Depressions With Vertical Drops of 3-6" along Edge of Road - 100'	CFL Contract	\$ 128,043.00
2017	PMP-TRI-014	17-0318	ER	502	Ruth Zenia Rd.	18.75	Slipout Repair	Slipout Undermining 120' long x 12' wide Segment of Outboard Lane - Pipe Pul	CFL Contract	\$ 446,663.00
2017	PMP-TRI-015	17-0299	ER	516	Zenia Bluff Rd.	6.5	Road Repair	Rock Slide - Re-cut Slope at Top to Remove Vertical Edge	CFL Contract	\$ 232,647.00
										\$ 6,952,930.00