Use A New Form Fo	or Each Project	;			/
DEPARTMENT:	Emergency	Management			
PROJECT: (Brief units.	fly describe the pro	oject's nature, loc	ation, extent and p	urpose. For equip	pment or vehicles, also state the number of
Helena to Juneau. I selling this product in Dodge County does catastrophic to the es microwave link could towers. Using newer	Dodge County p n December of 2 NOT have a sp sential, mission d be replaced by r technology (file liber). In additi	urchased the ex- 010 and the ex- pare to support critical countyy a fiber connec- per optics) has a on to adding the	kisting Harris Co isting microwave the microwave vide radio commetion, which pro- a superior length the fiber link, retr	enstellation microwent out of sup device. Loss aunication. The yides a consister of service life vaining the aging	e main communication line from St. rowave link in 2005. Harris stopped port (end of life) in December 2020. To of service from this link would be current method of linking towers via at, larger bandwidth link between the versus radio microwave (10 years for microwave unit on the tower would
P	ROJECT BUD	GET DATE:	(Check the year in	which you expect th	he project to occur.)
	⊠ 2022	<b>2023</b>	<b>2024</b>	<b>2025</b>	□ 2026
TOTAL COST:	(State the total	anticipated cost of	the project and the	e amount to be req	nested in the relevant budget year.)
The cost of replacing microwave could be connection to St. Hele	kept as a backu	p and replaced	as the primary	product would method of com	be \$95,000. However, the current ununication by running a fiber optic
any type of grant fu \$386,000 and contin Helena Tower mayb	ng the microwa nding. Howev nue to use the se eligible under and initiative !	ve at St. Hele er, the county microwave as or the America by providing	na Tower is ap could run fiber a contingent by Rescue Plan A increased acce	proximately \$9 optic to the Stackup link. That (ARPA) as	grants or outside funding.)  25,000, which is NOT eligible for the the the cost of running fiber to the St. it could be considered part of the bandwidth options, not currently
St Helena is the pring for it to remain unium almost 40 years ago	nary tower for nterrupted. T and main Harr offective to inst	all the public he St. Helenaris Constellational a fiber con	safety communatower site, in on microwave Innection between	ications in Doc cluding the but has also come to en Juneau and	e.; Is this a state or federally mandated mends or prioritizes this project?)  dge County, thus, it is imperative ilding, was constructed in 1981, to its end of life with support. It St. Helena as the main link for mergency.
PERSON COMPLETI	NG THIS FOR	M:			
		Nam	e	-	Phone Number

DEPARTMENT: Emergency Management	
PROJECT: (Briefly describe the project's nature, location, extent and purpose. For equipment or vehicles, also state the numb units.)	er of
Upgrades to address simulcast coverage concerns. While simulcasting the county radio channels significa improved county-wide radio coverage for first response agencies (Fire, EMS, Law Enforcement, Highw there are still some areas within the county with limited capabilities and coverage. This project would analydata collected from all the channels to look at addressing coverage concerns, which may include adding ratiower sites to enhance in-coming and out-going communications in outlying areas in the North West and Cerparts of Dodge County that have limited coverage and may also include simulcasting the final site (Mayville) the Highway channel.	ay), lyze adio atral
PROJECT BUDGET DATE: (Check the year in which you expect the project to occur.)	
☐ 2022 ☐ 2023 ☐ 2024 ☐ 2025 ☐ 2026	
TOTAL COST: (State the total anticipated cost of the project and the amount to be requested in the relevant budget year.)	
Several areas in Dodge County, including Waupun, Town of Elba, and Town of Emmet, have been identified as areas with coverage gaps and concerns. The cost of adding additional radio sites, including building a total shelter is \$650,000 per site, which would be approximately \$1,950,000 for 3 sites. The cost of additional engineering to specify where the best coverage co-locations is approximately \$25,000. Depending on coverage area, there may be a need to add simulcast capabilities at the final tower site in Mayville for Highway Channel (DOHWY1), additional equipment for this would \$26,000. Total estimate project cos \$2,010,000.	wer onal the the
METHOD OF FUNDING: (Describe all project funding sources; identify any anticipated grants or outside funding.)  Radio communications projects are no longer eligible for grant funding through the Regional Assistance Firefighter Grants. However the cost of adding towers sites, which would allow for colocations for comparthat provide broadband to citizens maybe eligible under the American Rescue Plan Act (ARPA).	to nies
NEED / JUSTIFICATION: (Briefly state the need and/or justification for the project; i.e.; Is this a state or federally mandaproject? Will other funds be lost if this project is not funded? Is there a study or plan which recommends or prioritizes this project?)  Substantial improvements have been made to the county communications infrastructure with the upgrade simulcast. Currently Dodge County has nine (9) tower sites (Ashippun, Beaver Dam, Fox Lake, June Knowles, Mayville, Reeseville, Rubicon, & St. Helena) on which six (6) of the seven (7) county chann simulcast (DOPAGE, DOLAW1, DOSO3, DOFIRE1, DOEM5, DOSO4), the final channel DOHW (Highway) is simulcasting from eight (8) of the tower sites (not on Mayville). However, there are still so areas in the county with limited radio communication capabilities. To ensure the quality and reliability Dodge County's communication system, we need to complete the final step of the simulcasting project,	to au, els Y1 me of
adding additional upgrades to address concerns in areas with limited coverage.  PERSON COMPLETING THIS FORM:  Name  Phone Number	<u>~</u>

PROJECT: (Brief	Emergency Managemen	<u>t                                      </u>		
units.		location, extent and po	ırpose. For equipi	ment or vehicles, also state the number
for data between the secondary source for Mayville locations, reliable data connect	e county Highway facilitie r data there is a need to in which will reside at the H	es (Mayville, Junea nstall a communica lighway Shops (Junes, all options for c	u & Trenton). tion bridge bety neau, Trenton, lata communica	there needs to be a backup source. To ensure there is a redundant, ween Juneau, Trenton and Mayville). In order to ensure a stions will be considered in this logy of fiber optics.
P	ROJECT BUDGET DATE	E: (Check the year in v	which you expect the	e project to occur.)
	□ 2022	<b>2024</b>	<b>2025</b>	<b>2026</b>
TOTAL COST:	(State the total anticipated co	st of the project and the	amount to be requ	ested in the relevant budget year.)
and Equipment, Inst contingency of \$12, supporting tower \$7 Total Cost Estimate	all and optimization of the 625 or 25%). Cost estimation of the 625 or 25% at Mayville facility	e Juneau to Mayvil ate for communica (towers already ex and communication	le Link is appro tions bridge - \$ tist at Juneau ar is link - \$230,3	160,300. Erect an 80 foot self-
METHOD OF FUNI	ING: (Describe all project	funding sources; identi	fy any anticipated g	grants or outside funding.)
maybe eligible for A	merican Rescue Plan Act unty. Using RF technolo	(ARPA) funds as egy to create a redu	it would allow	10 times the cost of RF but for the buildout of broadband ications link between the three
(3) facilities (Mayvi)	rs available for this type of		unds of approxi	imately \$230,300, as there are
(3) facilities (Mayvil no other grants dolla NEED / JUSTIFICA	rs available for this type of responsible for this type of the formula of the responsible for this type of the responsible for the	of project.	unds of approxi	imately \$230,300, as there are  e.; Is this a state or federally mandated tends or prioritizes this project?)

Name

Phone Number

Use A New Form For	Each Project	:			
DEPARTMENT:	Emergency	y Management			
PROJECT: (Briefly ounits.)	lescribe the pro	nject's nature, loc	ation, extent and p	ourpose. For equip	ment or vehicles, also state the number of
2003 with Homeland Se	curity grant ourrent unit ar	dollars. A 200 ad truck are 20	94 F450 truck property years old and i	archased and own need of updating	MU is a 42-foot trailer purchased in ned by the Sheriff's Office currently g to make use of current technology 0 years.
PRO	OJECT BUD	GET DATE:	(Check the year in	which you expect th	e project to occur.)
	☑ 2022	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
TOTAL COST:	(State the total :	anticipated cost of	f the project and th	e amount to be requ	ested in the relevant budget year.)
The estimated cost of a equipment for the new equipment \$719,604.					nately \$630,000. The cost of radio 80. Total Cost for new MCC and
METHOD OF FUNDING The purchase of a new of Plan Act (ARPA) funding COVID-19. The trade in	mobile comm	and vehicle and been used to r	d communicatio	n equipment shou	grants or outside funding.)  ald be eligible for American Rescue broughout Dodge County, including
NEED / JUSTIFICATIO project? Will other funds be	(	y state the need ect is not funded?	and/or justification Is there a study on	n for the project; i.	e.; Is this a state or federally mandated nends or prioritizes this project?)
technology and design. hooking up and towing I driven by anyone withou	The current rarge vehicles at a CDL (any low for a sm	method of town , whereas a ne ything over this haller, more m	ing a large traile w vehicle (26 fo s size is over 30 anageable unit	er with a truck report body/36 foot ,000 GVWR and that would encore	ng and in need of an upgrade to new equires someone with experience in overall length) would be able to be requires a CDL). New technology npass everything the current MCC
PERSON COMPLETING	G THIS FORI	M:Amy B. Nam			920-386-3999 Phone Number