

Please Note: Before completing this form, refer to the Concept Statement Instructions located in <u>Instructional Memorandum (I.M.)</u> 3.020 Concept Statement Instructions.

5.020 Concept Stateme	ent mstructions.	GENERAL	INFORMATION:	Dont	L
County: Chickasaw/h	Howard City: Alta Vi		Date Submitted: 8/1/2	614	l Submittal ☐ Revised
Project No: ILL-CO1	9()92-19	In STIP? ⊠Y [	N STIP Year(s): 2	025 Estimated Le	etting Date: <u>12/17/2024</u>
Contact Person: Ro	man Lensing			Phone Number: 641	-394-2321
Title: Chickasaw Cou	nty Engineer				
Address: 8 E. Prospe	ect (PO Box 316), New H	ampton, IA 50659		E-mail:	@chickasawcounty.iowa.
1.a Project Location I	Description (include road	or street name(s):			AILED LOCATION MAP Development Map
map as soon as possi The TPMS Developm	nap in TPMS Developme ble and attach a paper m ent map can be found at #development/projects/	ap with this submit the following link, b	tal.	number to the end of	the web address below.
1. b. Section:	Township:		Range:	TPMS ID	No.: 53372
2. Type of Work (che	ck all that apply):				
☐ HMA Paving			☐ PCC Widening	Bicycle or pede     Bicycle or pede	strian facilities
☐ HMA Resurfaci	ng 🛚 🖂 Intersect	ion Modifications	☐ RCB Culvert	☐ Scenic or lands	caping improvements
☐ HMA Widening	Lighting		☐ Traffic Signals	☐ Historic restora	tion or renovation
☐ Bridge Replace	ement		Other (describe):	ADA Accomodation	ns
☐ Bridge Rehabil	itation	ving			
3. Project Length: 4.6	miles (to nearest tenth)				
Existing Bridge Info	ormation: FHWA No.:	000136 Yea	ar Built: 2020 Size	: 130' x 30'-6"	
ii Zaleting Zalege iii.e	_	Continuous Concre	1		
	each item that applies, inc BG and/or Bridge fundi				
Federal-aid?	Cost Item				Total Estimated Cost
☐ Yes   No	Preliminary engineering	(if yes, see <u>I.M. 3.</u>	310 for procedures)		
☐ Yes  ☐ No	Construction engineering	ng (if yes, see <u>I.M. 3</u>	3.310 for procedures)		
☐ Yes   No	Acquisition of land or pr	operty rights (if yes	s, see <u>I.M. 3.600</u> )		
⊠ Yes □ No	Construction				6,852,000
☐ Yes ⊠ No	Utility relocation (if yes,	see I.M. 3.640 and	I I.M. 3.650)		
☐ Yes ⊠ No	Railroad work (if yes, se				
☐ Yes ☒ No	In-kind contribution (atta				14
	talla contribution (att	as docamonation	25 por <u> 0.000</u> )		
6. Total Federal-Aid (	as shown in the STIP):	\$ 5,139,000	Total Es	stimated Project Cost:	6,852,000
☐ Yes   No	Has the LPA secured o	ther funds, such as	HSIP, TSIP, U-STEP,	C-STEP, etc.	
	yes, enter information repoply for:	garding other fundi	ng sources the LPA has	s been awarded, has	applied for, or intends to



7. Estimate of L	_and	d or Property Acquisition Impacts: Will the proposed project:	R ALL SIX QUESTIONS
<ul> <li>a. Require to</li> <li>b. Require points</li> <li>c. Require to</li> <li>d. Require to</li> <li>e. Involve resident</li> </ul>	empoernoorrootaleloca	porary construction easements?  Yes No If yes, indicate the approximate an inanent easement(s) or fee title?  Yes No If yes, indicate the approximate are own material?  Yes No If yes, indicate the proposed source own area Contractor furnished Existing borrow area Within existing right-of-ty property acquisition(s)?  Yes No If yes, approx. how many properties will ation assistance for displaced person(s) and/or businesses?  Yes No proximately how many relocations will be required?  Indicate the approximate are not yes, indicate the proposed yes, indicate the approximate are not yes, indicate the	ea (acres): 0.25 e (check all that apply): vay
Construction Ea	sen	are marked Yes, provide an aerial map or plan sheet with project limits and proposed nent need lines. Also provide an aerial map with ROW need lines if the ROW is alread lized as ROW for a project (i.e., trail through a park or other land previously not used f	y owned by the LPA but
8. Public Accep	tano	ce: Is it anticipated that the proposed project will receive a substantial degree of public	opposition? 🗌 Yes 🛛 No
If yes, expla			
Safety Conside	erat	ions:	
include a DN	and IR d nr.n	addling Routes: I Paddling Routes are considered recreational areas under 23 CFR 774 (see question lesignated water trail or paddling route, as listed on this website: haps.arcgis.com/apps/webappviewer/index.html?id=767d75008b0f40ce922138d3c5d	
Environmental	lmp	pacts: Will the proposed project:	VER ALL QUESTIONS
9. Involve any g	rou	nd disturbance, per the example <u>Cross Section</u> ?	
☐ Yes ⊠ No	a.	If yes, a Cultural Resources Evaluation (CRE) shall be completed and may require a Refer to I.M. 4.120. Submittal of these documents at the time of Concept Statement	
	b.	If no, LPA is encouraged to complete <u>Form 231033</u> , <u>Cultural Resources Assessmen</u> Location and Environment with the Concept Statement, or soon thereafter. The CR with the LPA's local Historic Preservation Commission (HPC), Historical Society (HS Professional.	A form can be completed
	to N	imity of a recreational area (i.e., park, playground, trail, greenbelt, etc.) or wildlife refuç lo. 11; If yes, <u>provide a map showing the project location and park location and a</u> stions:	
⊠ Yes □ No	a.	Is the property used as a recreational area or wildlife refuge?	
⊠ Yes □ No	b.	Is the property publicly owned? Who is the owner? Howard County/City of Elma	
⊠ Yes □ No	C.	If it is a recreational area, is it open to the public?	
⊠ Yes □ No	d.	Will access to the recreational area be impacted by the project?	
⊠ Yes □ No	e.	Has the official with jurisdiction over the property or facility (recreational area or wild	ife refuge) been contacted?
	f.	List and describe the recreational areas or wildlife refuges, and their total area in acre	es.
		Description (include name of agency with jurisdiction)	Total property area (acres)
		a. Howard County - Joachim Woods Wildlife Area	40.0
		b. City of Elma - Elma Park	7.0
		c.	



	đ.		
	e.		
	f.		
	g.		
☐ Yes ☒ No	g. Will	any part of the identified properties be acquired as permanent right-of-way?	
		escribe what part will be acquired, using approximate area, the anticipated severity coperty can't be avoided, and the steps that will be taken to mitigate or minimize impa	
☐ Yes ⊠ No	h. Wil	l any part of the identified properties be acquired as temporary easement?	
☐ Yes ☒ No		re any of the identified properties originally acquired or developed with Federal Land (LWCN) or similar type funds?	and Water Conservation
☐ Yes ☒ No	j. Will	the property sustain permanent adverse physical impacts?	
☐ Yes ⊠ No		I any of the recreational features (ball diamond, playground, picnic area, etc.) be imprended to temporary easement?	pacted within any
☐ Yes ☒ No	l. Afte	r the work is complete, will the property be changed from its original condition?	
		s no, is the agency with jurisdiction over the property in agreement with all these det n as necessary from the agency with jurisdiction.	erminations? Attach
		j, k or l, list the properties and specifically describe what part will be acquired, inclue impacts, why the property can't be avoided, and the steps that will be taken to minim	
Section 4(f) Deter	minatio	d by the Systems Planning Bureau, complete the "Park, Recreation Land, and Wildl on form" ( <u>Form 760006</u> ). For example, this form is required when there is a recreation at a recreation at area.	
☐ Yes ⊠ No		Determine if the project is in the proximity of known Federal or State threatened or entheir habitat by completing and submitting the T&E form, as per <u>I.M. 4.110</u> .	endangered species or
☐ Yes ⊠ No		Will the project involve placement of fill or dredged material into waters of the United wetlands? If yes, refer to <u>I.M. 4.130</u> to determine if a 404 permit is needed.	d States, including
⊠ Yes □ No		Will the project disturb 1 or more acres of land? If yes, NPDES General Permit No. lowa DNR. When estimating the amount of disturbed land, include all areas where time to erosive forces. Refer to <u>I.M. 4.140</u> Storm Water Permits for more information	soil will be exposed at any
☐ Yes ⊠ No		Will the project require a Floodplain Permit or a Sovereign Lands permit from the logh. 1.M. 4.150 for more information.	wa DNR? Refer to
☐ Yes ☐ No	15.	Will the project meet the backwater and freeboard requirements shown in <u>I.M. 4.150</u>	<u>)</u> ?
☐ Yes ☐ No		Is the proposed structure located in an area where the 100-year flood water surface determined by a Flood Insurance Rate Map (FIRM)? Refer to <u>I.M. 3.500</u> for more i	
☐ Yes ⊠ No		Will the project involve the acquisition of more than 5 acres of farmland in any one-r project? Is it a water storage area? Is the area designated for city land use plan? for more information. If no, the Farmland Conversion Rating Form is not required.	· · · · · · · · · · · · · · · · · · ·
☐ Yes ☒ No	:	Is there potential for the cleanup of any known hazardous materials? This would instations, dry cleaners, or other potentially hazardous sites were previous located, or containing asbestos or lead paint. Refer to this site for more information: <a href="https://programs.iowadnr.gov/contaminatedsites/">https://programs.iowadnr.gov/contaminatedsites/</a>	•



☐ Yes ⊠ No	19. Will the project have significant noise, air quality, or water quality impacts that may raise public concern or warrant special mitigation measures? If yes, describe the types of impacts anticipated and the proposed mitigation, if any.
☐ Yes ☒ No	a. Noise impacts? Specifically describe: Noise during construction. No permanent impacts
☐ Yes ☒ No	b. Aesthetic impacts? Specifically describe:
☐ Yes ☒ No	c. Reduced access? Specifically describe: Temporary reduced access during construction. No
	permanent impacts
☐ Yes ☒ No	d. Vibration impacts? Specifically describe:
☐ Yes ⊠ No	20. Is the project in a special landscape area of the Loess Hills?
☐ Yes ☒ No	Is the project in the National Rivers Inventory? Refer to this site for more information: <a href="https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm">https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm</a>
☐ Yes ☒ No	21. Will the proposed project be within a 20,000-foot radius of a public airport?
☐ Yes ⊠ No	Refer to <u>I.M. 4.190</u> to determine whether to answer yes or no.  Will the Federal Aviation Administration (FAA) need to be notified? If yes, follow the procedures in <u>I.M. 4.190</u>
☐ Yes ⊠ No	22. Will the proposed project have a railroad crossing or railroad signals within the project limits? If yes, contact the railroad company to develop an agreement. Refer to <u>I.M. 3.670</u> and <u>I.M. 3.680</u> . Which railroad is affected?
☐ Yes ☐ No	23. Is the distance from the railroad crossing at a side road less than 100 feet? If so, the railroad crossing will need further review to determine if adequate traffic control, warning devices, and crossing surfaces are in place. Refer to <u>I.M. 3.680</u> .
⊠ Yes □ No	24. Will the proposed project include Intelligent Transportation System (ITS) elements? If yes, include a map showing the approximate areas of impacts.



**Please Note:** Before completing this form, refer to the Concept Statement Instructions located in <u>Instructional Memorandum (I.M.)</u> 3.020 Concept Statement Instructions.

		<u>GI</u>	ENERA	L INFORMA	ATION:		
County: Fayette	City:	Wadena		_ Date Subr	mitted:	🛚 Origina	l Submittal  Revised
Project No:		In STIP?	□ Y	□N STIF	P Year(s):	Estimated Le	etting Date:
Contact Person: <u>Joel</u>	Fantz				I	Phone Number: <u>563</u>	4223552
Title: County Engineer							
Address: 114 N Vine S	St., West Union,	IA 52175	<del>_</del>			E-mail: _jfantz@co	o.fayette.ia.us
1.a Project Location De					orrect the		AILED LOCATION MAP Development Map
map as soon as possibl	e and attach a nt map can be f	paper map with the ound at the following the countries of the following page 2.5%.	is subm	ittal.		number to the end of	the web address below.
1. b. Section: 27	Tow	rnship: 93	2	Range:	7	TPMS ID	No.:
2. Type of Work (check	call that apply):						
☐ HMA Paving		Grading		☐ PCC	Widening	☐ Bicycle or pede:	strian facilities
	g 🔲 I	ntersection Modific	cations	☐ RCB		☐ Scenic or lands	caping improvements
		_ighting			c Signals	☐ Historic restorat	ion or renovation
☐ Bridge Replacem		Patching		☐ Othei	r (describe):		
☐ Bridge Rehabilita	ıtion ∐ F	PCC Paving		•			
3. Project Length: 1.7 m	iles (to nearest	tenth)					
4. Existing Bridge Inform	nation: FHW	'A No.:	Ye	ar Built:	Size:		
		Type:					
5. Project Costs: For ea Note: <b>When using STB</b>							
Federal-aid?	Cost Item						Total Estimated Cost
☐ Yes ⊠ No F	Preliminary eng	ineering (if yes, se	e <u>I.M. 3</u>	310 for pro	cedures)		
☐ Yes ☒ No (	Construction en	ngineering (if yes, s	see <u>I.M.</u>	3.310 for pr	ocedures)		-
☐ Yes ☒ No	Acquisition of la	and or property righ	nts (if ye	s, see <u>I.M. :</u>	<u>3.600</u> )		
⊠ Yes □ No (	Construction						
☐ Yes ☒ No U	Jtility relocation	n (if yes, see <u>I.M. 3</u>	. <mark>640</mark> an	d I.M. 3.650	))		
		if yes, see <u>I.M. 3.6</u>			•		
	•	tion (attach docum		•	3.050)		
	2 2 3 1 1 1 1 2 4			P &	<u> </u>		
6. Total Federal-Aid (as	shown in the S	STIP): \$			Total Esti	imated Project Cost:	
☐ Yes ☐ No H	Has the LPA se	cured other funds,	such a	s HSIP, TSI	P, U-STEP, C	C-STEP, etc.	
If ye	es, enter inform	ation regarding oth	ner fund	ing sources	the LPA has	been awarded, has a	applied for, or intends to

apply for:



7. Estimate of La	and o	or Property Acquisition Impacts: Will the propo	osed project: ANSWER	ALL SIX QUESTIONS
b. Require per c. Require both line in the control of the control	erma orrov orrov tal p ocati app	rary construction easements?  Yes No nent easement(s) or fee title?  Yes No material?  Yes No area Contractor furnished Existing borror for acquisition(s)?  Yes No If yes on assistance for displaced person(s) and/or bus roximately how many relocations will be required ge in property access which results in damage to	s, approx. how many properties will b sinesses? ☐ Yes ☒ No d?	ea (acres):e e (check all that apply): vay  Not yet determined be totally acquired?
Construction Eas	eme	e marked Yes, provide an aerial map or plan she nt need lines. Also provide an aerial map with R ed as ROW for a project (i.e., trail through a parl	ROW need lines if the ROW is already	y owned by the LPA but
8. Public Accepta	ance	ls it anticipated that the proposed project will re	eceive a substantial degree of public	opposition? ☐ Yes ☒ No
If yes, explain	ո:	'0, 6,		
Safety Consider	atio	ns:		
include a DNF	nd F R des <u>r.ma</u>	dling Routes: Paddling Routes are considered recreational area signated water trail or paddling route, as listed or ps.arcgis.com/apps/webappviewer/index.html?ic	n this website:	
Environmental Ir	npa	cts: Will the proposed project:	ANSW	ER ALL QUESTIONS
9. Involve any gro	ound	disturbance, per the example Cross Section?	9/4	
. 100 🖾 140	). I	f yes, a Cultural Resources Evaluation (CRE) shere to I.M. 4.120. Submittal of these document for no, LPA is encouraged to complete Form 2310. Location and Environment with the Concept Stat with the LPA's local Historic Preservation Comm	ts at the time of Concept Statement s 33, Cultural Resources Assessment tement, or soon thereafter. The CRA	(CRA) Form, and submit to a form can be completed
		Professional.		,,
	No.	ity of a recreational area (i.e., park, playground, 11; If yes, <b>provide a map showing the project</b> ons:		
☐ Yes ☐ No a	a. Is	the property used as a recreational area or wild	llife refuge?	
⊠ Yes □ No b	o. Is	the property publicly owned? Who is the owner	r?	
⊠ Yes □ No o	☑ Yes ☐ No c. If it is a recreational area, is it open to the public?			
☐ Yes ⊠ No o	d. V	/ill access to the recreational area be impacted b	by the project?	
⊠ Yes □ No e	e. H	las the official with jurisdiction over the property	or facility (recreational area or wildlif	e refuge) been contacted?
f	f. Li	st and describe the recreational areas or wildlife	refuges, and their total area in acres	s.
		Description (include name of agency with jur	risdiction)	Total property area (acres)
	;	a. Wadena City Park		1.24
	I	0.		
		<b>、</b>		



	d.	
	e.	
	f.	
	g.	
☐ Yes ☒ No g.	Will any part of the identified properties be acquired as permanent right-of-way?	
	Describe what part will be acquired, using approximate area, the anticipated severity of property can't be avoided, and the steps that will be taken to mitigate or minimize imparts.	
☐ Yes ☒ No h.	Will any part of the identified properties be acquired as temporary easement?	
	Were any of the identified properties originally acquired or developed with Federal Land Act (LWCN) or similar type funds?	and Water Conservation
☐ Yes ☒ No j.	Will the property sustain permanent adverse physical impacts?	
☐ Yes ⊠ No k.	Will any of the recreational features (ball diamond, playground, picnic area, etc.) be impermanent or temporary easement?	pacted within any
☐ Yes ⊠ No I.	After the work is complete, will the property be changed from its original condition?	
	r I is no, is the agency with jurisdiction over the property in agreement with all these detection as necessary from the agency with jurisdiction.	erminations? Attach
	to j, k or l, list the properties and specifically describe what part will be acquired, incluf the impacts, why the property can't be avoided, and the steps that will be taken to mining	
Section 4(f) Determin	tered by the Systems Planning Bureau, complete the "Park, Recreation Land, and Wildlination form" (Form 760006). For example, this form is required when there is a recreational area.	fe and Waterfowl Refuge onal trail or pedestrian
☐ Yes ⊠ No 1	<ol> <li>Determine if the project is in the proximity of known Federal or State threatened or e their habitat by completing and submitting the T&amp;E form, as per <u>I.M. 4.110</u>.</li> </ol>	endangered species or
☐ Yes ⊠ No 1.	<ol> <li>Will the project involve placement of fill or dredged material into waters of the United wetlands? If yes, refer to <u>I.M. 4.130</u> to determine if a 404 permit is needed.</li> </ol>	States, including
☐ Yes ⊠ No 1	<ol> <li>Will the project disturb 1 or more acres of land? If yes, NPDES General Permit No. lowa DNR. When estimating the amount of disturbed land, include all areas where stime to erosive forces. Refer to <a href="I.M. 4.140">I.M. 4.140</a> Storm Water Permits for more information</li> </ol>	soil will be exposed at any
☐ Yes ☒ No 1	<ol> <li>Will the project require a Floodplain Permit or a Sovereign Lands permit from the low <u>I.M. 4.150</u> for more information.</li> </ol>	va DNR? Refer to
☐ Yes ☐ No 1	5. Will the project meet the backwater and freeboard requirements shown in I.M. 4.150	?
☐ Yes ☐ No 1	<ol> <li>Is the proposed structure located in an area where the 100-year flood water surface determined by a Flood Insurance Rate Map (FIRM)? Refer to <u>I.M. 3.500</u> for more in</li> </ol>	
☐ Yes ⊠ No 1	7. Will the project involve the acquisition of more than 5 acres of farmland in any one-n project? Is it a water storage area? Is the area designated for city land use plan? If for more information. If no, the Farmland Conversion Rating Form is not required.	
☐ Yes ☒ No 1	8. Is there potential for the cleanup of any known hazardous materials? This would inc stations, dry cleaners, or other potentially hazardous sites were previous located, or containing asbestos or lead paint. Refer to this site for more information: <a href="https://programs.iowadnr.gov/contaminatedsites/">https://programs.iowadnr.gov/contaminatedsites/</a>	_



∐ Yes ⊠ No	19. Will the project have significant noise, air quality, or water quality impacts that may raise public concern or warrant special mitigation measures? If yes, describe the types of impacts anticipated and the proposed mitigation, if any.
☐ Yes ☐ No	a. Noise impacts? Specifically describe:
☐ Yes ☐ No	b. Aesthetic impacts? Specifically describe:
☐ Yes ☐ No	c. Reduced access? Specifically describe:
☐ Yes ☐ No	d. Vibration impacts? Specifically describe:
☐ Yes ☒ No	20. Is the project in a special landscape area of the Loess Hills?
☐ Yes ☒ No	Is the project in the National Rivers Inventory? Refer to this site for more information: <a href="https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm">https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm</a>
☐ Yes ⊠ No	21. Will the proposed project be within a 20,000-foot radius of a public airport?
☐ Yes ☒ No	Refer to <u>I.M. 4.190</u> to determine whether to answer yes or no.  Will the Federal Aviation Administration (FAA) need to be notified? If yes, follow the procedures in <u>I.M. 4.190</u>
☐ Yes ⊠ No	22. Will the proposed project have a railroad crossing or railroad signals within the project limits? If yes, contact the railroad company to develop an agreement. Refer to <a href="Lim. 3.670"><u>I.M. 3.670</u></a> and <a href="Lim. 3.680"><u>I.M. 3.680</u></a> .
	Which railroad is affected?
☐ Yes ☐ No	23. Is the distance from the railroad crossing at a side road less than 100 feet? If so, the railroad crossing will need further review to determine if adequate traffic control, warning devices, and crossing surfaces are in place. Refer to <u>I.M. 3.680</u> .
☐ Yes ☒ No	24. Will the proposed project include Intelligent Transportation System (ITS) elements? If yes, include a map showing the approximate areas of impacts.



25. Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

Check column is to	or Department Use Only.
Facility Name:	W51
Federal Function	al Classification:
	☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path)
Traffic Volumes:	Existing AADT: 860 (Year = 2021) Design Year AADT: 2041 (Year = 920) % Trucks: 10
Design Speed: 25	5 mph Posted Speed: 25 mph
Terrain: ☐ Level	☐ Rolling Type of Area: ☐ Commercial or Industrial ☐ Fringe or Residential ☐ Rural
Design Guideline	s (check only one):
For urban roadway	s, use the design guidelines contained in SUDAS Chapter 5 or lowa DOT Design Manual Chapter 1c-1 and indicate which table
was used below:	
☐ SUDAS PI	referred Criteria ☐ SUDAS Acceptable Criteria* ☐ Urban 3R Guidelines** ☐ Other:
For rural roadways	s, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below:
☐ Design Aid	ds for Rural Collectors AASHTO Guidelines for Rural Collectors*
☐ Design Aid	ds for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads*
Other:	- '0. (7/)
☑ 3R Table f	for Rural Collectors** (if checked, indicate type of improvement: ☐ Rehabilitation ☐ Restoration ☐ Resurfacing)
* If any of the	se tables are used, explain reasons for not using the "Aids" tables.
• •	ovide documentation for using 3R criteria per <u>I.M. 3.220</u> .
-	s or shared use paths, use the most current edition of the SUDAS Chapter 12 or <u>lowa DOT Design Manual</u> Chapter 12.
	ns: Will a design exception be required?  Yes No If yes, attach documentation for each exception requested.
Refer to <u>I.M. 3.260</u>	for Design Exception information.

Design Element	Existing	Proposed	Design Check
All Roadways (urban or rural)			
Number of traffic lanes	2	2	
Travel lane width (ft)	11	11	
Traveled way surface type	Asphalt	Asphalt	
Urban Roadways			
Total roadway width (ft) (back-of-curb to back-of-curb)	40	40	
Curb and gutter width (ft)	2	2	
Median width (ft) and type	☐ raised ☐ painted	☐ raised ☐	
On-street parking lane width (ft)	9	9	
Horizontal clearance (ft)			
Rural Roadways			
Roadway top width (ft) (should-to-shoulder)	30	30	
Shoulder surface type	Granular	Asphalt/Granular	
Shoulder width (ft)	4	4	
Fore slope ratio (horizontal: vertical)	2:1	2:1	
Clear zone distance (ft). See I.M. 3.240.	N/A		
Bridges (urban or rural)			
Bridge roadway width (ft)			
Is guardrail present?	☐ Yes ☐ No	N/A	
Is guardrail proposed?	N/A	☐ Yes ☐ No	
Will channel change be required?	N/A	☐ Yes ☐ No	
Bicycle Trails or Shared Use Paths			
Trail or path surface width (ft) and traffic direction	☐ 2-way ☐ 1-way	☐ 2-way ☐ 1-way	
Trail or path surface type			
Shoulder width (ft)			
Lateral clearance (ft)			
Vertical clearance (ft)			
Clear width of path on bridge (ft)			
Traffic Signals			
If new signals are proposed, are MUTCD warrants met?	N/A	☐ Yes ☒ No ☐ N/A	
If yes, which warrants are met?	N/A		



26. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: mph Posted Speed: mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: \_ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: ☐ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: ☐ Rehabilitation ☐ Restoration ☐ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. ☐ For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or Iowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required? 

Yes 

No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element** Existing **Proposed** Design Check All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) Median width (ft) and type ☐ raised ☐ painted ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) Is guardrail present? ☐ Yes ☐ No N/A Is guardrail proposed? N/A ☐ Yes ☐ No Will channel change be required? N/A ☐ Yes ☐ No **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft) **Traffic Signals** ☐ Yes ☐ No ☐ N/A

N/A

N/A

If new signals are proposed, are MUTCD warrants met?

If yes, which warrants are met?



27. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

Facility Name:

Facility Name:			
Federal Functional Classification:   Interstate  Other Prin	ncipal Arterial		
☐ Rural Major Collector ☐	Rural Minor Collector 🔲 Urba	an Collector 🔲 Local 🔲 N/A	(trail or path)
Traffic Volumes:         Existing AADT: (Year =)         Design Year AADT: (Year =)         % Trucks:			
Design Speed: mph Posted Speed: mph	<del></del>	—	
• • • • • • • • • • • • • • • • • • • •	I or Industrial  Fringe or Resid	ential 🔲 Rural	
Design Guidelines (check only one):	A O Observan Francisco DOT David	on Manual Obantan As A and Sad	Parta della la la la la
For urban roadways, use the design guidelines contained in SUD/ was used below:	AS Chapter 5 or lowa DOT Design	gn Manual Chapter 1c-1 and Ind	licate which table
		7	
☐ SUDAS Preferred Criteria ☐ SUDAS Acceptable Criteria	•		
For rural roadways, use the design guidelines contained in I.M.s.3			
<ul><li>☐ Design Aids for Rural Collectors</li><li>☐ Design Aids for Rural Local Roads</li></ul>	<ul><li>☐ AASHTO Guidelines for Rura</li><li>☐ AASHTO Guidelines for Rura</li></ul>		
Other:	AASITI O Guidelines for Kura	ii Local Noads	
☐ 3R Table for Rural Collectors** (if checked, indicate type	of improvement:  Rehabilitation	n ☐ Restoration ☐ Resurfacing	ı)
* If any of these tables are used, explain reasons for not usin			<b>3</b> /
** If used, provide documentation for using 3R criteria per I.N	-		
☐ For bicycle trails or shared use paths, use the most current edi	tion of the SUDAS Chapter 12 or	lowa DOT Design Manual Cha	apter 12.
<b>Design Exceptions:</b> Will a design exception be required? ☐ Ye	es 🗌 No If yes, provide commer	nts here:	
or attach documentation for each exception requested. Refer to LI	M. 3.260 for Design Exception inf	ormation.	
Design Element	Existing	Proposed	Design Check
All Roadways (urban or rural)			
Number of traffic lanes			
Travel lane width (ft)			
Traveled way surface type			
Urban Roadways			
Total roadway width (ft) (back-of-curb to back-of-curb)			
Curb and gutter width (ft)			
Median width (ft) and type	☐ raised ☐ painted	☐ raised ☐	
On-street parking lane width (ft)			
Horizontal clearance (ft)			
Rural Roadways			
Roadway top width (ft) (should-to-shoulder)			
Shoulder surface type			
Shoulder width (ft)			
Fore slope ratio (horizontal: vertical)			
Clear zone distance (ft). See I.M. 3.240.	N/A		
Bridges (urban or rural)			
Bridge roadway width (ft)			
Is guardrail present?	☐ Yes ☐ No	N/A	
Is guardrail proposed?	N/A	Yes No	
Will channel change be required?	N/A	☐ Yes ☐ No	
Bicycle Trails or Shared Use Paths			
Trail or path surface width (ft) and traffic direction	☐ 2-way ☐ 1-way	☐ 2-way ☐ 1-way	
Trail or path surface type			
Shoulder width (ft)			
Lateral clearance (ft)			
Vertical clearance (ft)			
Clear width of path on bridge (ft)			
Traffic Signals			
If new signals are proposed, are MUTCD warrants met?	N/A	☐ Yes ☐ No ☐ N/A	
If ves, which warrants are met?	N/A		



If yes, which warrants are met?

28. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: Interstate Other Principal Arterial Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: mph Posted Speed: mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: \_ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: ☐ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: ☐ Rehabilitation ☐ Restoration ☐ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. ☐ For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or Iowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required?  $\square$  Yes  $\square$  No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element Existing Design Check** Proposed All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) Median width (ft) and type ☐ raised ☐ painted ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) ☐ Yes ☐ No N/A Is guardrail present? ☐ Yes ☐ No Is quardrail proposed? N/A Will channel change be required? N/A ☐ Yes ☐ No **Bicycle Trails or Shared Use Paths** ☐ 2-way ☐ 1-way Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft) **Traffic Signals** If new signals are proposed, are MUTCD warrants met? ☐ Yes ☐ No ☐ N/A N/A

N/A



#### **CHECKLIST OF REQUIRED SUBMITTAL ITEMS**

<ul> <li>□ ROW Needs Map (if Y for 7a, 7b, 7c) - include ROW Needs lines, which can be an approximation. There is no need to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEPA clearance.</li> <li>□ Cultural Resources Evaluation or Archaeological Survey (if Y for 9a). Submittal of this information at the time of Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.</li> <li>□ Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.</li> <li>□ Recreational Area Location Map (if Y for 10)</li> <li>□ Explanation for using AASHTC c iteria/SUDA Acceptable criteria instead of the "Aids" tables/SUDAS Preferred</li> </ul>	
CHECKLIST OF SUBMITTAL ITEMS, IF APPLICABLE  ROW Needs Map (if Y for 7a, 7b, 7c) - include ROW Needs lines, which can be an approximation. There is no need to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEPA clearance.  Cultural Resources Evaluation or Archaeological Survey (if Y for 9a). Submittal of this information at the time of Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.  Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.  Recreational Area Location Map (if Y for 10)  Explanation for using AASHTC o iteria/SUDA Accept able criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)  Documentation for using 3R criterial Contents the sevential states and the second states are the second states and the second states are the	☐ Location Map or TPMS Development Map link
ROW Needs Map (if Y for 7a, 7b, 7c) - include ROW Needs lines, which can be an approximation. There is no need to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEPA clearance.  Cultural Resources Evaluation or Archaeological Survey (if Y for 9a). Submittal of this information at the time of Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.  Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.  Recreational Area Location Map (if Y for 10)  Explanation for using AASHTC c iteria/SUDA Accept able criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)  Documentation for using 3R criterial Address the sevential styconsiderations (Items 25-28)	Form 760005 – Determination of Effect for Threatened and Endangered Species for Local Public Agencies
to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEPA clearance.  Cultural Resources Evaluation or Archaeological Survey (if Y for 9a). Submittal of this information at the time of Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.  Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.  Recreational Area Location Map (if Y for 10)  Explanation for using AASHTC o iteria/SUDA; Accept able criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)  Documentation for using 3R criterial characters and the sevential state of the "Aids" tables/SUDAS Preferred (Items 25-28)	CHECKLIST OF SUBMITTAL ITEMS, IF APPLICABLE
Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.  Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.  Recreational Area Location Map (if Y for 10)  Explanation for using AASHTC o iteria/SUDA Accept able criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)  Documentation for using 3R criteria in State of the Seven sate by considerations (Items 25-28)	to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEPA
submittal; however, submittal of this information will speed up the NEPA Clearance process.  Recreational Area Location Map (if Y for 10)  Explanation for using AASHTC o iteria/SUDA; Accept able criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)  Documentation for using 3R criteria in the seven satisfy considerations (Items 25-28)	Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance
<ul> <li>□ Explanation for using AASHTC o iteria/SUDA Acceptable criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)</li> <li>□ Documentation for using 3R criteria (Address the seven sate by considerations) (Items 25-28)</li> </ul>	
(Items 25-28)  Documentation for using 3R criteria, ddress the seven satety considerations] (Items 25-28)	Recreational Area Location Map (if Y for 10)
	Explanation for using AASHTC c iteria/SUDA Acceptable criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)
□ Design Exception Request (Items 21-29)	☐ Documentation for using 3R criteric (Address the seven satety considerations] (Items 25-28)
	□ Design Exception Request (Items 2 1-23)

Project is a low impact overlay/reconstruction of an existing road on the existing alignment. Fayette County expects no project impacts in complying with all state and federal laws with respect to cultural resources, wetlands, threatened and endangered species, Waters of the US, NEPA regulations, utility relocation, etc. as detailed in this preliminary concept statement. Permitting in accordance with federal laws is expected to fall within general conditions and categorical exclusions of existing nationwide permits.

Joel D. Fantz, P.E. Fayette County Engineer



# Determination of Effect for Threatened & Endangered Species For Local Public Agencies

Form 760005 (07-23)

PROJECT INFORMATION	ON	
Project Number:	Letting Date:	County:
		Fayette
Project Description: HMA Paving	Road/Location: W51, D Ave	
PROJECT EVALUATIO	9	
Determine what species to look for: Check IADNR and USFWS webs		ndinas.
·		
What habitats are present in the project area? Check all that apply.  ☐ Forest/Woodland ☐ Prairie ☐ Pasture ☐ S	Attacn pnotos tream/River	Residential/Urban
☐ Disturbed ROW ☐ Wetland ☐ Row Crops ☐ O	ther:	
Review habitat characteristics as described on IA DNR and USFWS Is there suitable habitat for protected species present in the project If No, mark No Effect and Section 7 is complete. Submit form with att If Yes, move on to the next question.	area?	ach species. ☐ Yes <b>●</b> No
Will the project impact suitable habitat for protected species? Ensu	re all feasible (	
avoid impacting suitable habitat are pursued.  If No, mark No Effect and Section 7 is complete. Submit form with att	tachmente	☐ Yes ☐No
If Yes, what species/species habitats will be impacted? Move on to the		
	eka Shiner	Other:
Are there measures that can be taken to minimize potential impacts	to species/ha	bitat? Yes No
If No, mark May Affect - Likely to Adversely Affect and move-on to	-	
Formal consultation may be required.		auraa halaur
If Yes, mark May Affect - Not Likely to Adversely Affect and list mi Move-on to next section.	nimization meas	sures below.
MINIMIZATION MEASUR	ES	
PROJECT IMPACT DETA	ILS	
Tree Clearing for Bat Habitat Only: Will impacts occur greater than 100		
If No, stay with May Affect - Not Likely to Adversely Affect determi	ge > 100 ft: nation Max	Acreage 0-100 ft: distance for clearing:
If Yes, list acreage and move to next question.		A 000 ft-
Will impacts occur greater than 300 ft from an existing edge of road?  If Yes, list acreage and change determination to May Affect - Likely in the control of the control o	to Adverselv A	Acreage > 300 ft:
If No, stay with May Affect - Not Likely to Adversely Affect determi		distance for clearing:
DETERMINATION OF EFF	ECT	
■No Effect	☐ May Aff	ect – Likely to Adversely Affect
References:  ☐ Natural Areas Inventory ☐ IA DNR Environmental Review Letter	☐ Aerial Photo	os Soils of Concern Data
☐ IA DNR Website ☐ USFWS Website ☐ Other:	Achair note	Journal of Concern Data
Print Name of Preparer and Name of Organization:		Date:
Luke Bowdish, Fayette County Road Department		Deter
Agency Concurrence:		Date:



**Please Note:** Before completing this form, refer to the Concept Statement Instructions located in <u>Instructional Memorandum (I.M.)</u> 3.020 Concept Statement Instructions.

	GENERAL	<b>INFORMATION:</b>		
County: Guthrie	City:	Date Submitted: Augus	st 2023 🛮 🖾 Origina	al Submittal  Revised
Project No: TPMS ID 52972	In STIP? 🛛 Y	☐ N STIP Year(s): 20	26 Estimated Le	etting Date: <u>12/2025</u>
Contact Person: Josh Sebern		F	Phone Number: 64	1-747-2274
Title: -County Engineer				
Address: 2211 215 Rd Guthrie	e Center IA 501115		_ E-mail: j.sebern(	@guthriecounty.gov>
	(include road or street name(s):			AILED LOCATION MAP Development Map
map as soon as possible and at	MS Development is accurate. If no each a paper map with this submitt an be found at the following link, by nent/projects/	al.	umber to the end of	the web address below.
1. b. Section:	Township:	Range:	TPMS ID	No.:
2. Type of Work (check all that	apply):			
☐ HMA Paving	Grading	☐ PCC Widening	☐ Bicycle or pede	strian facilities
	☐ Intersection Modifications	☐ RCB Culvert	☐ Scenic or lands	caping improvements
☐ HMA Widening	Lighting	☐ Traffic Signals	☐ Historic restora	tion or renovation
☐ Bridge Replacement	□ Patching	Other (describe):	Complete street er	nhancements in muni
☐ Bridge Rehabilitation	☐ PCC Paving			
3. Project Length: 12 miles (to no	earest tenth)			
4. Existing Bridge Information:	FHWA No.: Yea	r Built: Size:		
	Type:			
	hat applies, indicate if Federal-aid Bridge funding, the use of Fed			
Federal-aid? Cost Item	1			Total Estimated Cost
☐ Yes ☒ No Prelimina	ry engineering (if yes, see <u>I.M. 3.3</u>	310 for procedures)		
☐ Yes ☒ No Construc	tion engineering (if yes, see <u>I.M. 3</u>	.310 for procedures)		
☐ Yes ☒ No Acquisition	on of land or property rights (if yes	, see <u>I.M. 3.600</u> )		
	tion			\$9,590,000
☐ Yes ☒ No Utility rele	ocation (if yes, see <u>I.M. 3.640</u> and	<u>I.M. 3.650</u> )		
☐ Yes ☒ No Railroad	work (if yes, see <u>I.M. 3.670</u> and <u>I.I</u>	<u>M. 3.680</u> )		
☐ Yes ☒ No In-kind co	ontribution (attach documentation	as per <u>I.M. 3.050</u> )		
•	n the STIP): \$\$6,247,500 reques		mated Project Cost:	\$9,590,000
☐ Yes ☒ No Has the I	PA secured other funds, such as	HSIP, TSIP, U-STEP, C	S-STEP, etc.	
If yes, enter	information regarding other funding	ng sources the LPA has	been awarded, has a	applied for, or intends to

apply for:



7. Estimate of	Lan	d or Property Acquisition Impacts: Will the proposed project:	ALL SIX QUESTIONS
a. Require b. Require c. Require  New d. Require e. Involve r	temporn borre borre total reloces, ap	porary construction easements?  Yes No If yes, indicate the approximate are nanent easement(s) or fee title? Yes No If yes, indicate the approximate are ow material? Yes No If yes, indicate the proposed source ow area Contractor furnished Existing borrow area Within existing right-of-w property acquisition(s)? Yes No If yes, approx. how many properties will be ation assistance for displaced person(s) and/or businesses? Yes No proximately how many relocations will be required?	a (acres):e (check all that apply): ay
Construction E	asen	are marked Yes, provide an aerial map or plan sheet with project limits and proposed F nent need lines. Also provide an aerial map with ROW need lines if the ROW is already ilized as ROW for a project (i.e., trail through a park or other land previously not used fo	owned by the LPA but
		ce: Is it anticipated that the proposed project will receive a substantial degree of public	opposition? ☐ Yes ☒ No
If yes, expla			
Safety Consid	erat	ions:	
Water Trails include a Di	s and NR d <u>dnr.r</u>	addling Routes: d Paddling Routes are considered recreational areas under 23 CFR 774 (see question 1 designated water trail or paddling route, as listed on this website: <a href="mailto:maps.arcgis.com/apps/webappviewer/index.html?id=767d75008b0f40ce922138d3c5d7f">maps.arcgis.com/apps/webappviewer/index.html?id=767d75008b0f40ce922138d3c5d7f</a>	, , , , , ,
Environmental	lmr	pacts: Will the proposed project:	ER ALL QUESTIONS
		nd disturbance, per the example <u>Cross Section</u> ?	
	-		A description and approx
☐ Yes ⊠ No	a.	If yes, a Cultural Resources Evaluation (CRE) shall be completed and may require an Refer to I.M. 4.120. Submittal of these documents at the time of Concept Statement s	•
	b.	If no, LPA is encouraged to complete <u>Form 231033, Cultural Resources Assessment</u> Location and Environment with the Concept Statement, or soon thereafter. The CRA with the LPA's local Historic Preservation Commission (HPC), Historical Society (HS) Professional.	form can be completed
	to N	imity of a recreational area (i.e., park, playground, trail, greenbelt, etc.) or wildlife refuge to. 11; If yes, <b>provide a map showing the project location and park location and an</b> stions:	
☐ Yes ☐ No	a.	Is the property used as a recreational area or wildlife refuge?	
☐ Yes ☐ No	b.	Is the property publicly owned? Who is the owner?	
☐ Yes ☐ No	C.	If it is a recreational area, is it open to the public?	
☐ Yes ☐ No	d.	Will access to the recreational area be impacted by the project?	
☐ Yes ☐ No	e.	Has the official with jurisdiction over the property or facility (recreational area or wildlife	e refuge) been contacted?
	f.	List and describe the recreational areas or wildlife refuges, and their total area in acres	
		Description (include name of agency with jurisdiction)	Total property area (acres)
		a.	
		b.	
		C.	



	d.		
	e.		
	f.		
	g.		
☐ Yes ☐ No g	g. Will	any part of the identified properties be acquired as permanent right-of-way?	
		escribe what part will be acquired, using approximate area, the anticipated severity operty can't be avoided, and the steps that will be taken to mitigate or minimize imp	· ·
☐ Yes ☐ No h	n. Wil	I any part of the identified properties be acquired as temporary easement?	
☐ Yes ☐ No i		re any of the identified properties originally acquired or developed with Federal Land (LWCN) or similar type funds?	d and Water Conservation
☐ Yes ☐ No j	. Will	the property sustain permanent adverse physical impacts?	
☐ Yes ☐ No k		I any of the recreational features (ball diamond, playground, picnic area, etc.) be immanent or temporary easement?	pacted within any
☐ Yes ☐ No I	. Afte	er the work is complete, will the property be changed from its original condition?	
		s no, is the agency with jurisdiction over the property in agreement with all these def n as necessary from the agency with jurisdiction.	terminations? Attach
		j, k or I, list the properties and specifically describe what part will be acquired, incle e impacts, why the property can't be avoided, and the steps that will be taken to mini	
Section 4(f) Deterr	minatio	d by the Systems Planning Bureau, complete the "Park, Recreation Land, and Wild on form" ( <u>Form 760006</u> ). For example, this form is required when there is a recreati h a recreational area.	
☐ Yes ⊠ No		Determine if the project is in the proximity of known Federal or State threatened or their habitat by completing and submitting the T&E form, as per <u>I.M. 4.110</u> .	endangered species or
☐ Yes ⊠ No		Will the project involve placement of fill or dredged material into waters of the Unite wetlands? If yes, refer to I.M. 4.130 to determine if a 404 permit is needed.	d States, including
☐ Yes ⊠ No		Will the project disturb 1 or more acres of land? If yes, NPDES General Permit No. lowa DNR. When estimating the amount of disturbed land, include all areas where time to erosive forces. Refer to I.M. 4.140 Storm Water Permits for more information	soil will be exposed at any
☐ Yes ⊠ No		Will the project require a Floodplain Permit or a Sovereign Lands permit from the lo <a href="L.M. 4.150">I.M. 4.150</a> for more information.	wa DNR? Refer to
☐ Yes ☐ No	15.	Will the project meet the backwater and freeboard requirements shown in I.M. 4.15	<u>0</u> ?
☐ Yes ☐ No		Is the proposed structure located in an area where the 100-year flood water surface determined by a Flood Insurance Rate Map (FIRM)? Refer to I.M. 3.500 for more	
☐ Yes ⊠ No		Will the project involve the acquisition of more than 5 acres of farmland in any one-project? Is it a water storage area? Is the area designated for city land use plan? for more information. If no, the Farmland Conversion Rating Form is not required.	, , ,
☐ Yes ☒ No		Is there potential for the cleanup of any known hazardous materials? This would in stations, dry cleaners, or other potentially hazardous sites were previous located, o containing asbestos or lead paint. Refer to this site for more information: <a href="https://programs.iowadnr.gov/contaminatedsites/">https://programs.iowadnr.gov/contaminatedsites/</a>	



∐ Yes ⊠ No	19. Will the project have significant noise, air quality, or water quality impacts that may raise public concern or warrant special mitigation measures? If yes, describe the types of impacts anticipated and the proposed mitigation, if any.
☐ Yes ☐ No	a. Noise impacts? Specifically describe:
☐ Yes ☐ No	b. Aesthetic impacts? Specifically describe:
☐ Yes ☐ No	c. Reduced access? Specifically describe:
☐ Yes ☐ No	d. Vibration impacts? Specifically describe:
☐ Yes ⊠ No	20. Is the project in a special landscape area of the Loess Hills?
☐ Yes ⊠ No	Is the project in the National Rivers Inventory? Refer to this site for more information: <a href="https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm">https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm</a>
⊠ Yes □ No	21. Will the proposed project be within a 20,000-foot radius of a public airport?
☐ Yes ⊠ No	Refer to <u>I.M. 4.190</u> to determine whether to answer yes or no.  Will the Federal Aviation Administration (FAA) need to be notified? If yes, follow the procedures in <u>I.M. 4.190</u>
☐ Yes ⊠ No	22. Will the proposed project have a railroad crossing or railroad signals within the project limits? If yes, contact the railroad company to develop an agreement. Refer to <u>I.M. 3.670</u> and <u>I.M. 3.680</u> . Which railroad is affected?
⊠ Yes □ No	23. Is the distance from the railroad crossing at a side road less than 100 feet? If so, the railroad crossing will need further review to determine if adequate traffic control, warning devices, and crossing surfaces are in place. Refer to I.M. 3.680.
☐ Yes ⊠ No	24. Will the proposed project include Intelligent Transportation System (ITS) elements? If yes, include a map showing the approximate areas of impacts.



25. Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

Check column is for	or Department Use Only.			
Facility Name:	White Pole Road, County Rd F65			
Federal Function	al Classification:	ncipal Arterial Minor Arterial		
	□ Rural Major Collector	☐ Rural Minor Collector ☐ Urba	in Collector 🔲 Local 🔲 N/A	(trail or path)
Traffic Volumes:	Existing AADT: 2300 (Year = 2023) Design	n Year AADT: 2600 (Year = 2043	3) % Trucks: 20	
Design Speed: 5	mph Posted Speed: 55 mph			
Terrain: ☐ Level		al or Industrial 🛭 Fringe or Resid	ential 🛛 Rural	
Design Guideline	s (check only one):			
For urban roadway	s, use the design guidelines contained in SUD	AS Chapter 5 or <u>lowa DOT Desig</u>	ı <mark>n Manual</mark> Chapter 1c-1 and ind	icate which table
was used below:				
☐ SUDAS P	referred Criteria	ria*   ☐ Urban 3R Guidelines**   ☐	] Other:	
For rural roadways	s, use the design guidelines contained in I.M.s.	3.210 or 3.220 and indicate which	table was used below:	
☐ Design Ai	ds for Rural Collectors	☐ AASHTO Guidelines for Rura	I Collectors*	
☐ Design Ai	ds for Rural Local Roads	☐ AASHTO Guidelines for Rura	I Local Roads*	
Other:				
	for Rural Collectors** (if checked, indicate type	of improvement:  Rehabilitation	n 🗌 Restoration 🔯 Resurfacing	1)
•	se tables are used, explain reasons for not usi	•		
** If used, pro	ovide documentation for using 3R criteria per	<u>M. 3.220</u> .		
☐ For bicycle trai	s or shared use paths, use the most current ed	lition of the SUDAS Chapter 12 or	<u>Iowa DOT Design Manual</u> Cha	pter 12.
Design Exception	ns: Will a design exception be required?   Y	es 🗌 No If yes, attach documen	tation for each exception reques	sted.
Refer to <u>I.M. 3.260</u>	for Design Exception information.			
Design Eleme	nt	Existing	Proposed	Design Check

Design Element	Existing	Proposed	Design Check
All Roadways (urban or rural)			
Number of traffic lanes	2	2	
Travel lane width (ft)	11	12	
Traveled way surface type	HMA over PCC	HMA Overlay	
Urban Roadways			
Total roadway width (ft) (back-of-curb to back-of-curb)			
Curb and gutter width (ft)			
Median width (ft) and type	☐ raised ☐ painted	☐ raised ☐	
On-street parking lane width (ft)			
Horizontal clearance (ft)			
Rural Roadways			
Roadway top width (ft) (should-to-shoulder)	Varies 26 to 32	32	
Shoulder surface type	Granular	Granular/millings	
Shoulder width (ft)	Varies 2 to 5 ft	4 ft	
Fore slope ratio (horizontal: vertical)			
Clear zone distance (ft). See I.M. 3.240.	N/A	Match existing	
Bridges (urban or rural)			
Bridge roadway width (ft)			
Is guardrail present?	☐ Yes ☐ No	N/A	
Is guardrail proposed?	N/A	☐ Yes ☐ No	
Will channel change be required?	N/A	☐ Yes ⊠ No	
Bicycle Trails or Shared Use Paths			
Trail or path surface width (ft) and traffic direction	☐ 2-way ☐ 1-way	☐ 2-way ☐ 1-way	
Trail or path surface type			
Shoulder width (ft)			
Lateral clearance (ft)			
Vertical clearance (ft)			
Clear width of path on bridge (ft)			
Traffic Signals			
If new signals are proposed, are MUTCD warrants met?	N/A	☐ Yes ☐ No ☐ N/A	
If yes, which warrants are met?	N/A		



If yes, which warrants are met?

26. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: mph Posted Speed: mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: □ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: □ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: □ Rehabilitation □ Restoration □ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or Iowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required?  $\square$  Yes  $\square$  No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element** Existing **Proposed Design Check** All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) Median width (ft) and type ☐ raised ☐ painted ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) Is guardrail present? ☐ Yes ☐ No N/A Is guardrail proposed? N/A ☐ Yes ☐ No ☐ Yes ☐ No Will channel change be required? N/A **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft) **Traffic Signals** ☐ Yes ☐ No ☐ N/A If new signals are proposed, are MUTCD warrants met? N/A

N/A



Clear width of path on bridge (ft)

If yes, which warrants are met?

If new signals are proposed, are MUTCD warrants met?

**Traffic Signals** 

27. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: mph Posted Speed: mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: □ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: □ Rehabilitation □ Restoration □ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or Iowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required?  $\square$  Yes  $\square$  No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element** Existing **Proposed Design Check** All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) Median width (ft) and type ☐ raised ☐ painted ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) Is guardrail present? ☐ Yes ☐ No N/A Is guardrail proposed? N/A ☐ Yes ☐ No ☐ Yes ☐ No Will channel change be required? N/A **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft)

N/A

N/A

☐ Yes ☐ No ☐ N/A



If yes, which warrants are met?

28. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: mph Posted Speed: mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: □ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: □ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: □ Rehabilitation □ Restoration □ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or Iowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required?  $\square$  Yes  $\square$  No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element Existing Design Check** Proposed All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) Median width (ft) and type ☐ raised ☐ painted ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) ☐ Yes ☐ No N/A Is guardrail present? ☐ Yes ☐ No Is quardrail proposed? N/A ☐ Yes ☐ No Will channel change be required? N/A **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft) **Traffic Signals** ☐ Yes ☐ No ☐ N/A If new signals are proposed, are MUTCD warrants met? N/A N/A



#### **CHECKLIST OF REQUIRED SUBMITTAL ITEMS**

☐ Location Map or TPMS Development Map link
Form 760005 – Determination of Effect for Threatened and Endangered Species for Local Public Agencies
CHECKLIST OF SUBMITTAL ITEMS, IF APPLICABLE
ROW Needs Map (if Y for 7a, 7b, 7c) - include ROW Needs lines, which can be an approximation. There is no need to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEPA clearance.
☐ Cultural Resources Evaluation or Archaeological Survey (if Y for 9a). Submittal of this information at the time of Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.
☐ Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.
☐ Recreational Area Location Map (if Y for 10)
Explanation for using AASHTO criteria/SUDAS Acceptable criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)
☐ Documentation for using 3R criteria [Address the seven safety considerations] (Items 25-28)
☐ Design Exception Request (Items 25-28)



**Please Note:** Before completing this form, refer to the Concept Statement Instructions located in <u>Instructional Memorandum (I.M.)</u> 3.020 Concept Statement Instructions.

	<u>GE</u>	<u>NERAL IN</u>	IFORMATION:		
County: Mitchell	City: Stacyville	D	ate Submitted:	🖂 Origina	al Submittal   Revised
Project No: <u>ILL- C066()92-66</u>	In STIP?	⊠Y □	N STIP Year(s):	2025 Estimated Le	etting Date: 1/2025
Contact Person: Richard Bru	mm			Phone Number: 641	1-732-5849
Title: County Engineer					
Address: 3625 March Ave., Os	age IA 50461			E-mail: <u>rbrumm@</u>	nitchellcoia.us
1.a Project Location Description  ☐ Yes ☐ No The map in TP map as soon as possible and a The TPMS Development map of https://www.tpms.org/#develop	MS Development is accura ttach a paper map with this an be found at the followin	ate. If no, s submittal	•	OR LINK TPMS	AILED LOCATION MAP Development Map the web address below.
1. b. Section:	Township:		Range:	TPMS ID	No.: 52978
2. Type of Work (check all that	·		ŭ		
<ol><li>Type of Work (check all that HMA Paving</li></ol>	. арргу). ☐ Grading		☐ PCC Widening	☐ Bicycle or pede	estrian facilities
☐ HMA Resurfacing	☐ Intersection Modific	ations	☐ RCB Culvert	☐ Scenic or lands	caping improvements
☐ HMA Widening	Lighting		☐ Traffic Signals	☐ Historic restorate	tion or renovation
☐ Bridge Replacement	☐ Patching		Other (describe	):	
☐ Bridge Rehabilitation	□ PCC Paving				
3. Project Length: 6.6 miles (to	nearest tenth)				
Existing Bridge Information:	,	Year E	Built: Siz	ze:	
3 3					
5. Project Costs: For each item Note: <b>When using STBG and/c</b>					
Federal-aid? Cost Iter	n				Total Estimated Cost
☐ Yes ☒ No Prelimin	ary engineering (if yes, see	e <u>I.M. 3.31</u>	0 for procedures)		
☐ Yes ☒ No Constru	ction engineering (if yes, se	ee <u>I.M. 3.3</u>	10 for procedures)		
☐ Yes ☒ No Acquisit	on of land or property righ	ts (if yes, s	see <u>I.M. 3.600</u> )		
	ction				7,378,203
☐ Yes ☒ No Utility re	location (if yes, see I.M. 3.	. <u>640</u> and <u>I.</u>	M. 3.650)		
☐ Yes ☒ No Railroad	work (if yes, see I.M. 3.67	70 and <u>I.M.</u>	3.680)		
☐ Yes ☒ No In-kind o	contribution (attach docume	entation as	s per <u>I.M. 3.050</u> )		
6. Total Federal-Aid (as shown	in the STIP): \$ 5,522,652	2	Total E	Estimated Project Cost:	7,528,203
`	LPA secured other funds,			-	
If yes, enter apply for:	r information regarding oth	er funding	sources the LPA h	as been awarded, has a	applied for, or intends to



7. Estimate of Land or Property Acquisition Impacts: Will the proposed project:	ER ALL SIX QUESTIONS
<ul> <li>a. Require temporary construction easements?  Yes No If yes, indicate the approximate b. Require permanent easement(s) or fee title?  Yes No If yes, indicate the approximate c. Require borrow material?  Yes No If yes, indicate the proposed sou New borrow area Contractor furnished Existing borrow area Within existing right-od. Require total property acquisition(s)?  Yes No If yes, approx. how many properties wie. Involve relocation assistance for displaced person(s) and/or businesses?  Yes No If yes, approximately how many relocations will be required?</li> <li>f. Involve a change in property access which results in damage to the remainder parcel? Yes </li> </ul>	rea (acres): ree (check all that apply): -way    Not yet determined I be totally acquired?
If Item 7a, 7b, or 7c are marked Yes, provide an aerial map or plan sheet with project limits and propose Construction Easement need lines. Also provide an aerial map with ROW need lines if the ROW is alread has not yet been utilized as ROW for a project (i.e., trail through a park or other land previously not used	dy owned by the LPA but
8. Public Acceptance: Is it anticipated that the proposed project will receive a substantial degree of public acceptance.	ic opposition? ☐ Yes ☒ No
If yes, explain:	
Safety Considerations:	
Water Trails and Paddling Routes: Water Trails and Paddling Routes are considered recreational areas under 23 CFR 774 (see questio include a DNR designated water trail or paddling route, as listed on this website: <a href="https://iowadnr.maps.arcgis.com/apps/webappviewer/index.html?id=767d75008b0f40ce922138d3c5">https://iowadnr.maps.arcgis.com/apps/webappviewer/index.html?id=767d75008b0f40ce922138d3c5</a> ☐ Yes ☑ No	
Environmental Impacts: Will the proposed project:	WER ALL QUESTIONS
9. Involve any ground disturbance, per the example <u>Cross Section</u> ?	
☐ Yes ☐ No  a. If yes, a Cultural Resources Evaluation (CRE) shall be completed and may require Refer to I.M. 4.120. Submittal of these documents at the time of Concept Statement	- · · · · · · · · · · · · · · · · · · ·
b. If no, LPA is encouraged to complete <u>Form 231033</u> , <u>Cultural Resources Assessme</u> Location and Environment with the Concept Statement, or soon thereafter. The C with the LPA's local Historic Preservation Commission (HPC), Historical Society (F Professional.	RA form can be completed
10. Be in the proximity of a recreational area (i.e., park, playground, trail, greenbelt, etc.) or wildlife refull fine, skip to No. 11; If yes, provide a map showing the project location and park location and following questions:	
∑ Yes	
$\boxtimes$ Yes $\square$ No b. Is the property publicly owned? Who is the owner? Mitchell County/ City of Sta	cyville
∑ Yes	
$oxed{\boxtimes}$ Yes $oxed{\square}$ No e. Has the official with jurisdiction over the property or facility (recreational area or wild	llife refuge) been contacted?
f. List and describe the recreational areas or wildlife refuges, and their total area in act	es.
Description (include name of agency with jurisdiction)	Total property area (acres)
a. Riverside Park / Campground Owner- Mitchell County	15
b. Stacyville City Park Owner - City of Stacyville	1.6
с.	



	d.		
	e.		
	f.		
	g.		
☐ Yes ⊠ No g.	. Will	any part of the identified properties be acquired as permanent right-of-way?	
		scribe what part will be acquired, using approximate area, the anticipated severity operty can't be avoided, and the steps that will be taken to mitigate or minimize imp	· · · · · ·
☐ Yes ⊠ No h.	. Will	any part of the identified properties be acquired as temporary easement?	
☐ Yes ⊠ No i.		e any of the identified properties originally acquired or developed with Federal Land (LWCN) or similar type funds?	d and Water Conservation
☐ Yes ⊠ No j.	Will	the property sustain permanent adverse physical impacts?	
☐ Yes ⊠ No k.		any of the recreational features (ball diamond, playground, picnic area, etc.) be immanent or temporary easement?	pacted within any
☐ Yes ⊠ No I.	After	the work is complete, will the property be changed from its original condition?	
		no, is the agency with jurisdiction over the property in agreement with all these detas necessary from the agency with jurisdiction.	terminations? Attach
		, k or l, list the properties and specifically describe what part will be acquired, incleimpacts, why the property can't be avoided, and the steps that will be taken to minim	
Section 4(f) Determ	ninatio	d by the Systems Planning Bureau, complete the "Park, Recreation Land, and Wild in form" ( <u>Form 760006</u> ). For example, this form is required when there is a recreation a recreational area.	
☐ Yes ☐ No		Determine if the project is in the proximity of known Federal or State threatened or their habitat by completing and submitting the T&E form, as per <u>I.M. 4.110</u> .	endangered species or
☐ Yes ☐ No		Will the project involve placement of fill or dredged material into waters of the Unite wetlands? If yes, refer to I.M. 4.130 to determine if a 404 permit is needed.	d States, including
☐ Yes ☐ No	I	Will the project disturb 1 or more acres of land? If yes, NPDES General Permit No. owa DNR. When estimating the amount of disturbed land, include all areas where ime to erosive forces. Refer to I.M. 4.140 Storm Water Permits for more information	soil will be exposed at any
☐ Yes ☐ No		Will the project require a Floodplain Permit or a Sovereign Lands permit from the loM. 4.150 for more information.	wa DNR? Refer to
☐ Yes ☐ No	15. \	Will the project meet the backwater and freeboard requirements shown in I.M. 4.15	<u>0</u> ?
☐ Yes ☐ No		s the proposed structure located in an area where the 100-year flood water surface determined by a Flood Insurance Rate Map (FIRM)? Refer to I.M. 3.500 for more	
☐ Yes ☐ No	ŗ	Will the project involve the acquisition of more than 5 acres of farmland in any one-project? Is it a water storage area? Is the area designated for city land use plan? for more information. If no, the Farmland Conversion Rating Form is not required.	· · · · ·
☐ Yes ☐ No	9	s there potential for the cleanup of any known hazardous materials? This would in stations, dry cleaners, or other potentially hazardous sites were previous located, o containing asbestos or lead paint. Refer to this site for more information: <a href="https://programs.iowadnr.gov/contaminatedsites/">https://programs.iowadnr.gov/contaminatedsites/</a>	



☐ Yes ⊠ No	19. Will the project have significant noise, air quality, or water quality impacts that may raise public concern or warrant special mitigation measures? If yes, describe the types of impacts anticipated and the proposed mitigation, if any.
☐ Yes ⊠ No	a. Noise impacts? Specifically describe:
☐ Yes ⊠ No	b. Aesthetic impacts? Specifically describe:
☐ Yes ☐ No	c. Reduced access? Specifically describe:
☐ Yes ⊠ No	d. Vibration impacts? Specifically describe:
☐ Yes ⊠ No	20. Is the project in a special landscape area of the Loess Hills?
☐ Yes ☐ No	Is the project in the National Rivers Inventory? Refer to this site for more information: <a href="https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm">https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm</a>
☐ Yes ⊠ No	21. Will the proposed project be within a 20,000-foot radius of a public airport?
☐ Yes ⊠ No	Refer to <u>I.M. 4.190</u> to determine whether to answer yes or no.  Will the Federal Aviation Administration (FAA) need to be notified? If yes, follow the procedures in <u>I.M. 4.190</u>
⊠ Yes □ No	22. Will the proposed project have a railroad crossing or railroad signals within the project limits? If yes, contact the railroad company to develop an agreement. Refer to <u>I.M. 3.670</u> and <u>I.M. 3.680</u> . Which railroad is affected?
☐ Yes ☐ No	23. Is the distance from the railroad crossing at a side road less than 100 feet? If so, the railroad crossing will need further review to determine if adequate traffic control, warning devices, and crossing surfaces are in place. Refer to I.M. 3.680.
☐ Yes ⊠ No	24. Will the proposed project include Intelligent Transportation System (ITS) elements? If yes, include a map showing the approximate areas of impacts.



25. Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** T40 Rural Federal Functional Classification: Interstate Other Principal Arterial Minor Arterial □ Rural Major Collector □ Rural Minor Collector □ Urban Collector □ Local □ N/A (trail or path) Traffic Volumes: Existing AADT: 1270 (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: \_\_\_\_ mph Posted Speed: \_\_\_\_ mph Type of Area: 

☐ Commercial or Industrial ☐ Fringe or Residential ☐ Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or lowa DOT Design Manual Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: \_ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or lowa DOT Design Manual Chapter 12. Design Exceptions: Will a design exception be required? Yes No If yes, attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element Existing Proposed Design Check** All Roadways (urban or rural) Number of traffic lanes 2 2 Travel lane width (ft) 12 12 Traveled way surface type **HMA** PCC **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) ☐ raised ☐ painted Median width (ft) and type ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) 31 31 Shoulder surface type granular PCC /granular Shoulder width (ft) 4 4 Fore slope ratio (horizontal: vertical) **UAC UAC** Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) ☐ Yes ⊠ No Is guardrail present? N/A ☐ Yes ☒ No Is quardrail proposed? N/A Will channel change be required? N/A ☐ Yes ☒ No **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft) **Traffic Signals** 

N/A

N/A

☐ Yes ☐ No ☒ N/A

If new signals are proposed, are MUTCD warrants met?

If yes, which warrants are met?



26. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

Facility Name: T40 Urban (2200')
Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Urban Collector ☐ Local ☐ N/A (trail or path)
<b>Traffic Volumes:</b> Existing AADT: 1270 (Year =) Design Year AADT: (Year =) % Trucks:
Design Speed: mph  Posted Speed: mph
Terrain: ☐ Level ☐ Rolling Type of Area: ☐ Commercial or Industrial ☐ Fringe or Residential ☐ Rural
Design Guidelines (check only one):
For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <a href="Lowa DOT Design Manual">Lowa DOT Design Manual</a> Chapter 1c-1 and indicate which ta
was used below:
☐ SUDAS Preferred Criteria ☐ SUDAS Acceptable Criteria* ☐ Urban 3R Guidelines** ☐ Other:
For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below:
☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors*
☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads*
☐ Other:
☐ 3R Table for Rural Collectors** (if checked, indicate type of improvement: ☒ Rehabilitation ☐ Restoration ☐ Resurfacing)
* If any of these tables are used, explain reasons for not using the "Aids" tables.
** If used, provide documentation for using 3R criteria per <u>I.M. 3.220</u> .
For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or <u>lowa DOT Design Manual</u> Chapter 12.
<b>Design Exceptions:</b> Will a design exception be required? ☐ Yes ☐ No If yes, provide comments here:
or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information.

Design Element	Existing	Proposed	Design Check
All Roadways (urban or rural)	1		
Number of traffic lanes	2	2	
Travel lane width (ft)	11	11	
Traveled way surface type	HMA	PCC	
Urban Roadways			
Total roadway width (ft) (back-of-curb to back-of-curb)	30	30	
Curb and gutter width (ft)	4	4	
Median width (ft) and type	☐ raised ☐ painted	☐ raised ☐	
On-street parking lane width (ft)	12	12	
Horizontal clearance (ft)	20	20	
Rural Roadways			
Roadway top width (ft) (should-to-shoulder)			
Shoulder surface type			
Shoulder width (ft)			
Fore slope ratio (horizontal: vertical)			
Clear zone distance (ft). See I.M. 3.240.	N/A		
Bridges (urban or rural)			
Bridge roadway width (ft)			
Is guardrail present?	☐ Yes ☐ No	N/A	
Is guardrail proposed?	N/A	☐ Yes ☐ No	
Will channel change be required?	N/A	☐ Yes ☐ No	
Bicycle Trails or Shared Use Paths			
Trail or path surface width (ft) and traffic direction	☐ 2-way ☐ 1-way	☐ 2-way ☐ 1-way	
Trail or path surface type			
Shoulder width (ft)			
Lateral clearance (ft)			
Vertical clearance (ft)			
Clear width of path on bridge (ft)			
Traffic Signals	-		
If new signals are proposed, are MUTCD warrants met?	N/A	☐ Yes ☐ No ☐ N/A	
If yes, which warrants are met?	N/A		



27. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility

listed below, enter "N/A" in the appropriate space. If the project blank. Design Check column is for Department Use Only.	t does not involve a roadway, bicycle	e trail, or shared use path, this	page may be left		
Facility Name: A23 West and from Bridge east					
Federal Functional Classification: ☐ Interstate ☐ Other F	Principal Arterial ☐ Minor Arterial ☐ Rural Minor Collector ☐ Urba	ın Collector       Local         N/	A (trail or path)		
Traffic Volumes: Existing AADT: 610 (Year =) Design	gn Year AADT: (Year =	_) % Trucks:			
Design Speed: mph Posted Speed: mph					
Terrain:  ☐ Level ☐ Rolling Type of Area: ☐ Commerce	cial or Industrial 🔲 Fringe or Reside	ential 🗌 Rural			
Design Guidelines (check only one):					
For urban roadways, use the design guidelines contained in SL was used below:	IDAS Chapter 5 or <u>lowa DOT Desig</u>	ı <mark>n Manual</mark> Chapter 1c-1 and ir	ndicate which table		
☐ SUDAS Preferred Criteria ☐ SUDAS Acceptable Crit	eria* ☐ Urban 3R Guidelines** ☐	Other:			
For rural roadways, use the design guidelines contained in I.M.					
☐ Design Aids for Rural Collectors	☐ AASHTO Guidelines for Rura	l Collectors*			
☐ Design Aids for Rural Local Roads	☐ AASHTO Guidelines for Rura	l Local Roads*			
☐ Other:					
☑ 3R Table for Rural Collectors** (if checked, indicate type)	oe of improvement: 🗌 Rehabilitation	n 🗌 Restoration 🛭 Resurfaci	ng)		
* If any of these tables are used, explain reasons for not u	•				
** If used, provide documentation for using 3R criteria per					
For bicycle trails or shared use paths, use the most current of			hapter 12.		
<b>Design Exceptions:</b> Will a design exception be required? ☐					
or attach documentation for each exception requested. Refer to	1.M. 3.260 for Design Exception info	ormation.			
Design Element	Existing	Proposed	Design Check		
All Roadways (urban or rural)					
Number of traffic lanes	2	2			
Travel lane width (ft)	11	11			
Traveled way surface type	PCC	PCC			
Urban Roadways					
Total roadway width (ft) (back-of-curb to back-of-curb)					
Curb and gutter width (ft)					
Median width (ft) and type	☐ raised ☐ painted	☐ raised ☐			
On-street parking lane width (ft)					
Horizontal clearance (ft)					
Rural Roadways					
Roadway top width (ft) (should-to-shoulder)	22	22			
Shoulder surface type	granular/soil	granular/soil			
Shoulder width (ft)	4	4			
Fore slope ratio (horizontal: vertical)	UAC	UAC			
Clear zone distance (ft). See I.M. 3.240.					
Bridges (urban or rural)					
Bridge roadway width (ft)					
Is guardrail present?	☐ Yes ☐ No	N/A			
Is guardrail proposed?	N/A	☐ Yes ☐ No			



28. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

A23 East to **Facility Name:** Bridge Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: 570 (Year = \_\_\_\_) Design Year AADT: \_\_\_\_ (Year = \_\_\_\_) % Trucks: \_\_\_ Design Speed: mph Posted Speed: Type of Area: ☐ Commercial or Industrial ☐ Fringe or Residential ☐ Rural Terrain: ☐ Level ☐ Rolling Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or Iowa DOT Design Manual Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: □ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or lowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required? ☐ Yes ☐ No If yes, provide comments here: \_\_\_

Design Element	Existing	Proposed	Design Check
All Roadways (urban or rural)	·		
Number of traffic lanes	2	2	
Travel lane width (ft)	11	11	
Traveled way surface type	HMA	PCC	
Urban Roadways	<u>.</u>		
Total roadway width (ft) (back-of-curb to back-of-curb)			
Curb and gutter width (ft)			
Median width (ft) and type	☐ raised ☐ painted	☐ raised ☐	
On-street parking lane width (ft)			
Horizontal clearance (ft)			
Rural Roadways			
Roadway top width (ft) (should-to-shoulder)	22	22	
Shoulder surface type	HMA/Soil	HMA/Soil	
Shoulder width (ft)	2-6	2-6	
Fore slope ratio (horizontal: vertical)	UAC	UAC	
Clear zone distance (ft). See I.M. 3.240.	N/A	UAC	
Bridges (urban or rural)	·		
Bridge roadway width (ft)			
Is guardrail present?	☐ Yes ☐ No N/A		
Is guardrail proposed?	N/A	☐ Yes ☐ No	
Will channel change be required?	N/A	☐ Yes ☐ No	
Bicycle Trails or Shared Use Paths			
Trail or path surface width (ft) and traffic direction	☐ 2-way ☐ 1-way	☐ 2-way ☐ 1-way	
Trail or path surface type			
Shoulder width (ft)			
Lateral clearance (ft)			
Vertical clearance (ft)			
Clear width of path on bridge (ft)			
Traffic Signals	<u>.</u>		
If new signals are proposed, are MUTCD warrants met?	N/A	☐ Yes ☐ No ☐ N/A	
If yes, which warrants are met?	N/A		



#### **CHECKLIST OF REQUIRED SUBMITTAL ITEMS**

Location Map or TPMS Development Map link
☐ Form 760005 – Determination of Effect for Threatened and Endangered Species for Local Public Agencies
CHECKLIST OF SUBMITTAL ITEMS, IF APPLICABLE
ROW Needs Map (if Y for 7a, 7b, 7c) - include ROW Needs lines, which can be an approximation. There is no need to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEPA clearance.
☐ Cultural Resources Evaluation or Archaeological Survey (if Y for 9a). Submittal of this information at the time of Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.
☐ Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.
Recreational Area Location Map (if Y for 10)
Explanation for using AASHTO criteria/SUDAS Acceptable criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)
☐ Documentation for using 3R criteria [Address the seven safety considerations] (Items 25-28)
Design Exception Request (Items 25-28)



**Please Note:** Before completing this form, refer to the Concept Statement Instructions located in <u>Instructional Memorandum (I.M.)</u> 3.020 Concept Statement Instructions.

·	GEN	IERAL INFORMATION:	
County: Wapello	_ City:	Date Submitted: 8/3	/23 ⊠ Original Submittal ☐ Revised
Project No: <u>ILL-C090()92-68</u>	In STIP?	⊠Y □N STIP Year(s): _	2025 Estimated Letting Date: 12/17/2024
Contact Person: Jeff Skalber	g		Phone Number: <u>641.684.5425</u>
Title: Wapello County Enginee	r		
Address: 536 Mill Street			E-mail: jskalberg@wapellocounty.org
1.a Project Location Description	•	. ,	ATTACH A DETAILED LOCATION MAP OR LINK TPMS Development Map
Yes No The map in TP map as soon as possible and a The TPMS Development map ohttps://www.tpms.org/#develop	ttach a paper map with this can be found at the following	submittal.	number to the end of the web address below.
1. b. Section:	Township:	Range:	TPMS ID No.:
2. Type of Work (check all that	apply):		
☐ HMA Paving	☐ Grading	☐ PCC Widening	☐ Bicycle or pedestrian facilities
	☐ Intersection Modifica	tions	☐ Scenic or landscaping improvements
☐ HMA Widening	Lighting	☐ Traffic Signals	☐ Historic restoration or renovation
☐ Bridge Replacement	☐ Patching —	Other (describe)	:
☐ Bridge Rehabilitation	☐ PCC Paving		
3. Project Length: 4.6 miles (to	nearest tenth)		
4. Existing Bridge Information:	FHWA No.:	Year Built: Siz	e:
5. Project Costs: For each item Note: When using STBG and/o			e requested. If yes, enter the estimated cost.  allowed for Construction.
Federal-aid? Cost Ite	m		Total Estimated Cost
☐ Yes ☒ No Prelimin	ary engineering (if yes, see	I.M. 3.310 for procedures)	
☐ Yes ⊠ No Constru	ction engineering (if yes, see	e <u>I.M. 3.310</u> for procedures)	
☐ Yes ☒ No Acquisit	ion of land or property rights	s (if yes, see <u>I.M. 3.600</u> )	
	ction		3,670,000
☐ Yes ☒ No Utility re	location (if yes, see I.M. 3.6	40 and <u>I.M. 3.650</u> )	
	l work (if yes, see <u>I.M. 3.670</u>	and <u>I.M. 3.680</u> )	10,000
☐ Yes ☒ No In-kind o	contribution (attach docume	ntation as per <u>I.M. 3.050</u> )	
6. Total Federal-Aid (as shown	in the STIP): \$ 1,200,000	Total E	stimated Project Cost: 3,680,000
☐ Yes ☒ No Has the	LPA secured other funds, s	uch as HSIP, TSIP, U-STEP	· ————————————————————————————————————
If yes, ente	r information regarding othe	r funding sources the LPA ha	as been awarded, has applied for, or intends to

apply for:



7. Estimate of La	and (	or Property Acquisition Impacts: Will the proposed project:  ANSWER	ALL SIX QUESTIONS
<ul> <li>a. Require te</li> <li>b. Require pe</li> <li>c. Require be</li> <li>d. Require to</li> <li>e. Involve release</li> <li>If yes,</li> </ul>	empo erma orrov orrov tal p ocat app	prary construction easements?  Yes No If yes, indicate the approximate are anent easement(s) or fee title?  Yes No If yes, indicate the approximate are ware material?  Yes No If yes, indicate the proposed source warea Contractor furnished Existing borrow area Within existing right-of-ware property acquisition(s)? Yes No If yes, approx. how many properties will be in assistance for displaced person(s) and/or businesses? Yes No proximately how many relocations will be required?	ea (acres):e (check all that apply):  ea (check all
Construction Eas	eme	re marked Yes, provide an aerial map or plan sheet with project limits and proposed F ent need lines. Also provide an aerial map with ROW need lines if the ROW is already zed as ROW for a project (i.e., trail through a park or other land previously not used for	owned by the LPA but
·		: Is it anticipated that the proposed project will receive a substantial degree of public	opposition? ☐ Yes ☒ No
If yes, explair			
Safety Consider	ratio	ns:	
include a DNF	and F R de Ir.ma	Idling Routes: Paddling Routes are considered recreational areas under 23 CFR 774 (see question 1 signated water trail or paddling route, as listed on this website:  aps.arcgis.com/apps/webappviewer/index.html?id=767d75008b0f40ce922138d3c5d7	, , , , , ,
Environmental Ir	npa	cts: Will the proposed project:	ER ALL QUESTIONS
		d disturbance, per the example <u>Cross Section</u> ?	·
☐ Yes ⊠ No <sup>2</sup>		If yes, a Cultural Resources Evaluation (CRE) shall be completed and may require an Refer to I.M. 4.120. Submittal of these documents at the time of Concept Statement s	-
k		If no, LPA is encouraged to complete <u>Form 231033, Cultural Resources Assessment</u> Location and Environment with the Concept Statement, or soon thereafter. The CRA with the LPA's local Historic Preservation Commission (HPC), Historical Society (HS) Professional.	form can be completed
	No	nity of a recreational area (i.e., park, playground, trail, greenbelt, etc.) or wildlife refuge . 11; If yes, <b>provide a map showing the project location and park location and ar</b> ons:	
☐ Yes ☐ No a	a. Is	s the property used as a recreational area or wildlife refuge?	
☐ Yes ☐ No b	o. Is	s the property publicly owned? Who is the owner?	
☐ Yes ☐ No o	c. If	it is a recreational area, is it open to the public?	
☐ Yes ☐ No o	d. V	Vill access to the recreational area be impacted by the project?	
☐ Yes ☐ No e	e.	Has the official with jurisdiction over the property or facility (recreational area or wildlif	e refuge) been contacted?
f	f. L	ist and describe the recreational areas or wildlife refuges, and their total area in acres	
		Description (include name of agency with jurisdiction)	Total property area (acres)
		a.	
		b.	
		c.	



	d.		
	e.		
	f.		
	g.		
☐ Yes ☐ No (	g. Will	any part of the identified properties be acquired as permanent right-of-way?	
		escribe what part will be acquired, using approximate area, the anticipated severity operty can't be avoided, and the steps that will be taken to mitigate or minimize imp	
☐ Yes ☐ No I	h. Wi	Il any part of the identified properties be acquired as temporary easement?	
☐ Yes ☐ No i		re any of the identified properties originally acquired or developed with Federal Land (LWCN) or similar type funds?	d and Water Conservation
☐ Yes ☐ No j	. Will	the property sustain permanent adverse physical impacts?	
☐ Yes ☐ No I		Il any of the recreational features (ball diamond, playground, picnic area, etc.) be im rmanent or temporary easement?	pacted within any
☐ Yes ☐ No I	. Afte	er the work is complete, will the property be changed from its original condition?	
		s no, is the agency with jurisdiction over the property in agreement with all these def n as necessary from the agency with jurisdiction.	erminations? Attach
		j, k or l, list the properties and specifically describe what part will be acquired, incle e impacts, why the property can't be avoided, and the steps that will be taken to mini	
Section 4(f) Deteri	minatio	ed by the Systems Planning Bureau, complete the "Park, Recreation Land, and Wild on form" ( <u>Form 760006</u> ). For example, this form is required when there is a recreati h a recreational area.	
☐ Yes ⊠ No	11.	Determine if the project is in the proximity of known Federal or State threatened or their habitat by completing and submitting the T&E form, as per I.M. 4.110.	endangered species or
☐ Yes ⊠ No		Will the project involve placement of fill or dredged material into waters of the Unite wetlands? If yes, refer to I.M. 4.130 to determine if a 404 permit is needed.	d States, including
☐ Yes ⊠ No		Will the project disturb 1 or more acres of land? If yes, NPDES General Permit No. lowa DNR. When estimating the amount of disturbed land, include all areas where time to erosive forces. Refer to I.M. 4.140 Storm Water Permits for more information.	soil will be exposed at any
☐ Yes ⊠ No		Will the project require a Floodplain Permit or a Sovereign Lands permit from the lo <a href="L.M. 4.150">L.M. 4.150</a> for more information.	wa DNR? Refer to
⊠ Yes □ No	15.	Will the project meet the backwater and freeboard requirements shown in I.M. 4.15	<u>0</u> ?
☐ Yes ⊠ No	16.	Is the proposed structure located in an area where the 100-year flood water surface determined by a Flood Insurance Rate Map (FIRM)? Refer to I.M. 3.500 for more	
☐ Yes ⊠ No		Will the project involve the acquisition of more than 5 acres of farmland in any one-project? Is it a water storage area? Is the area designated for city land use plan? for more information. If no, the Farmland Conversion Rating Form is not required.	, , -
☐ Yes ⊠ No	18.	Is there potential for the cleanup of any known hazardous materials? This would in stations, dry cleaners, or other potentially hazardous sites were previous located, o containing asbestos or lead paint. Refer to this site for more information: <a href="https://programs.iowadnr.gov/contaminatedsites/">https://programs.iowadnr.gov/contaminatedsites/</a>	-



☐ Yes ⊠ No	19. Will the project have significant noise, air quality, or water quality impacts that may raise public concern or warrant special mitigation measures? If yes, describe the types of impacts anticipated and the proposed mitigation, if any.
☐ Yes ⊠ No	a. Noise impacts? Specifically describe:
☐ Yes ☒ No	b. Aesthetic impacts? Specifically describe:
☐ Yes ☒ No	c. Reduced access? Specifically describe:
☐ Yes ☒ No	d. Vibration impacts? Specifically describe:
☐ Yes ⊠ No	20. Is the project in a special landscape area of the Loess Hills?
☐ Yes ☐ No	Is the project in the National Rivers Inventory? Refer to this site for more information: <a href="https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm">https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm</a>
☐ Yes ⊠ No	21. Will the proposed project be within a 20,000-foot radius of a public airport?
☐ Yes ☐ No	Refer to <u>I.M. 4.190</u> to determine whether to answer yes or no.  Will the Federal Aviation Administration (FAA) need to be notified? If yes, follow the procedures in <u>I.M. 4.190</u>
⊠ Yes □ No	22. Will the proposed project have a railroad crossing or railroad signals within the project limits? If yes, contact the railroad company to develop an agreement. Refer to <u>I.M. 3.670</u> and <u>I.M. 3.680</u> . Which railroad is affected? CP
⊠ Yes □ No	23. Is the distance from the railroad crossing at a side road less than 100 feet? If so, the railroad crossing will need further review to determine if adequate traffic control, warning devices, and crossing surfaces are in place. Refer to <u>I.M. 3.680</u> .
⊠ Yes □ No	24. Will the proposed project include Intelligent Transportation System (ITS) elements? If yes, include a map showing the approximate areas of impacts.



25. Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

Check column is for Department Use Only.			
Facility Name: T61			
Federal Functional Classification: ☐ Interstate ☐ Other Pr ☐ Rural Major Collector	incipal Arterial □ Minor Arterial □ Rural Minor Collector □ Urba	an Collector □ Local □ N/A	(trail or path)
<b>Traffic Volumes:</b> Existing AADT: 4840 (Year = 2018) Desig	n Year AADT: (Year =	) % Trucks:	
Design Speed: 55 mph Posted Speed: 55 mph			
Terrain: ☐ Level ☒ Rolling Type of Area: ☐ Commercia	al or Industrial 🔲 Fringe or Resid	ential 🛛 Rural	
Design Guidelines (check only one):			
For urban roadways, use the design guidelines contained in SUE was used below:	OAS Chapter 5 or lowa DOT Design	gn Manual Chapter 1c-1 and ind	icate which table
☐ SUDAS Preferred Criteria ☐ SUDAS Acceptable Criteria	ria* 🔲 Urban 3R Guidelines** 🛘	] Other:	
For rural roadways, use the design guidelines contained in I.M.s.	3.210 or 3.220 and indicate which	table was used below:	
□ Design Aids for Rural Collectors	☐ AASHTO Guidelines for Rura	al Collectors*	
<ul><li>☐ Design Aids for Rural Local Roads</li><li>☐ Other:</li></ul>	☐ AASHTO Guidelines for Rura	al Local Roads*	
☐ 3R Table for Rural Collectors** (if checked, indicate type	of improvement:  Rehabilitation	n 🗌 Restoration 🔲 Resurfacing	J)
* If any of these tables are used, explain reasons for not usi	ng the "Aids" tables.		
** If used, provide documentation for using 3R criteria per <u>l.</u>	<u>M. 3.220</u> .		
$\hfill \square$ For bicycle trails or shared use paths, use the most current ed	lition of the SUDAS Chapter 12 or	lowa DOT Design Manual Cha	pter 12.
<b>Design Exceptions:</b> Will a design exception be required? ☐ Y	es 🗌 No If yes, attach documen	tation for each exception reques	sted.
Refer to <u>I.M. 3.260</u> for Design Exception information.			
Design Element	Existing	Proposed	Design Check

Design Element	Existing	Proposed	Design Check
All Roadways (urban or rural)	·		
Number of traffic lanes	2	2	
Travel lane width (ft)	11	11	
Traveled way surface type	HMA	HMA	
Urban Roadways			
Total roadway width (ft) (back-of-curb to back-of-curb)	N/A	N/A	
Curb and gutter width (ft)			
Median width (ft) and type	☐ raised ☐ painted	☐ raised ☐	
On-street parking lane width (ft)			
Horizontal clearance (ft)			
Rural Roadways			
Roadway top width (ft) (should-to-shoulder)	38	38	
Shoulder surface type	Granular	Granular	
Shoulder width (ft)	8	8	
Fore slope ratio (horizontal: vertical)	3:1	3:1	
Clear zone distance (ft). See I.M. 3.240.	N/A	24	
Bridges (urban or rural)			
Bridge roadway width (ft)	N/A	N/A	
Is guardrail present?	☐ Yes ☐ No	N/A	
Is guardrail proposed?	N/A	☐ Yes ☐ No	
Will channel change be required?	N/A	☐ Yes ☐ No	
Bicycle Trails or Shared Use Paths			
Trail or path surface width (ft) and traffic direction	11 ⊠ 2-way □ 1-way	11 🛛 2-way 🗌 1-way	
Trail or path surface type	HMA	HMA	
Shoulder width (ft)	8	8	
Lateral clearance (ft)	N/A	N/A	
Vertical clearance (ft)	N/A	N/A	
Clear width of path on bridge (ft)	N/A	N/A	
Traffic Signals			
If new signals are proposed, are MUTCD warrants met?	N/A	☐ Yes ☐ No ☒ N/A	
If yes, which warrants are met?	N/A		



26. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

Design Element	Existing	Proposed	Design Check
All Roadways (urban or rural)		<del>.</del>	
Number of traffic lanes	2	2	
Travel lane width (ft)	11	11	
Traveled way surface type	PCC	PCC	
Urban Roadways			
Total roadway width (ft) (back-of-curb to back-of-curb)	46	46	
Curb and gutter width (ft)	12	3	
Median width (ft) and type	N/A ☐ raised ☐ painted	N/A ☐ raised ☐ painted	
On-street parking lane width (ft)	0	9	
Horizontal clearance (ft)	14	14	
Rural Roadways			
Roadway top width (ft) (should-to-shoulder)	N/A	N/A	
Shoulder surface type			
Shoulder width (ft)			
Fore slope ratio (horizontal: vertical)			
Clear zone distance (ft). See I.M. 3.240.	N/A		
Bridges (urban or rural)			
Bridge roadway width (ft)	N/A	N/A	
Is guardrail present?	☐ Yes ☐ No	N/A	
Is guardrail proposed?	N/A	☐ Yes ☐ No	
Will channel change be required?	N/A	☐ Yes ☐ No	
Bicycle Trails or Shared Use Paths			
Trail or path surface width (ft) and traffic direction	11 ⊠ 2-way □ 1-way	11 ⊠ 2-way □ 1-way	
Trail or path surface type	HMA	HMA	
Shoulder width (ft)	0	3	
Lateral clearance (ft)	N/A	N/A	
Vertical clearance (ft)	N/A	N/A	
Clear width of path on bridge (ft)	N/A	N/A	
Traffic Signals			
If new signals are proposed, are MUTCD warrants met?	N/A	☐ Yes ☐ No ☐ N/A	
If yes, which warrants are met?	N/A		



**Traffic Signals** 

If yes, which warrants are met?

If new signals are proposed, are MUTCD warrants met?

Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: \_\_\_\_ mph Posted Speed: \_\_\_\_ mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: □ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: □ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: □ Rehabilitation □ Restoration □ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or lowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required?  $\square$  Yes  $\square$  No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element** Existing **Proposed Design Check** All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) Median width (ft) and type ☐ raised ☐ painted ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) Is guardrail present? ☐ Yes ☐ No N/A Is guardrail proposed? N/A ☐ Yes ☐ No ☐ Yes ☐ No Will channel change be required? N/A **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft)

N/A

N/A

☐ Yes ☐ No ☐ N/A



28. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: \_\_\_\_ mph Posted Speed: \_\_\_\_ mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: □ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: □ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: □ Rehabilitation □ Restoration □ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or lowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required? ☐ Yes ☐ No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element Existing Design Check** Proposed All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) Median width (ft) and type ☐ raised ☐ painted ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) ☐ Yes ☐ No N/A Is guardrail present? ☐ Yes ☐ No Is quardrail proposed? N/A ☐ Yes ☐ No Will channel change be required? N/A **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft) **Traffic Signals** ☐ Yes ☐ No ☐ N/A If new signals are proposed, are MUTCD warrants met? N/A If yes, which warrants are met? N/A



## **CHECKLIST OF REQUIRED SUBMITTAL ITEMS**

□ Location Map or TPMS Development Map link
CHECKLIST OF SUBMITTAL ITEMS, IF APPLICABLE
ROW Needs Map (if Y for 7a, 7b, 7c) - include ROW Needs lines, which can be an approximation. There is no need to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEP clearance.
☐ Cultural Resources Evaluation or Archaeological Survey (if Y for 9a). Submittal of this information at the time of Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.
☐ Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.
Recreational Area Location Map (if Y for 10)
Explanation for using AASHTO criteria/SUDAS Acceptable criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)
☐ Documentation for using 3R criteria [Address the seven safety considerations] (Items 25-28)
☐ Design Exception Request (Items 25-28)



## Determination of Effect for Threatened & Endangered Species For Local Public Agencies

Form 760005 (07-23)

PROJECT INFORMATION						
Project Number:	Letting Date:	County:				
ILL-C090()92-68	12/17/2024	Wapello				
Project Description: HMA Resurfacing	Road/Location: T61 From HW	Y 34 S. to CP	RR			
PROJECT EVALUATIO	N					
Determine what species to look for: Check IADNR and USFWS webs	sites. Attach fir	ndings.				
	Attach photos tream/River ther:	of each.  Residentia	al/Urban			
Review habitat characteristics as described on IA DNR and USFWS Is there suitable habitat for protected species present in the project If No, mark No Effect and Section 7 is complete. Submit form with att If Yes, move on to the next question.	area?	ach species.	☐ Yes [ No			
Will the project impact suitable habitat for protected species? Ensuration avoid impacting suitable habitat are pursued.	re all feasible o	options to	☐ Yes ■No			
If No, mark <b>No Effect</b> and Section 7 is complete. Submit form with att	achments.		□ res [ • NO			
If Yes, what species/species habitats will be impacted? Move on to the						
☐ Indiana Bat ☐ Northern Long-eared Bat ☐ Tope	eka Shiner	☐ Other:				
Are there measures that can be taken to minimize potential impacts	to species/hal	bitat?	☐ Yes ☐ No			
If No, mark May Affect - Likely to Adversely Affect and move-on to Formal consultation may be required.  If Yes, mark May Affect - Not Likely to Adversely Affect and list min Move-on to next section.	nimization meas	sures below.				
MINIMIZATION MEASUR	ES					
PROJECT IMPACT DETA	ILS					
Tree Clearing for Bat Habitat Only:Will impacts occur greater than 100	ft from an exist ge > 100 ft:	ing edge of road Acreage 0-				
If No, stay with May Affect - Not Likely to Adversely Affect determine If Yes, list acreage and move to next question.  Will impacts occur greater than 300 ft from an existing edge of road?  If Yes, list acreage and change determination to May Affect - Likely to If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect determine If No, stay with May Affect - Not Likely to Adversely Affect - Not Likely Affect - Not Likely Af	nation Max	distance for clo Acreage >	earing: 300 ft:			
DETERMINATION OF EFF	ECT					
■No Effect		ect – Likely to	Adversely Affect			
References:  ☐ Natural Areas Inventory ☐ IA DNR Environmental Review Letter	☐ Aerial Photo	os 🗌 Soils of	Concern Data			
✓ IA DNR Website ✓ USFWS Website ☐ Other:						
Print Name of Preparer and Name of Organization: Jeff Skalberg		Date: 8/4/2023				
Agency Concurrence:		Date:				



## CONCEPT STATEMENT FOR LOCAL PUBLIC AGENCY FEDERAL-AID PROJECTS

Please Note: Before completing this form, refer to the Concept Statement Instructions located in <u>Instructional Memorandum (I.M.)</u> 3.020 Concept Statement Instructions.

o.ozo osnoopi otatomi	THE MOUNTAINE.	<b>GENERAL I</b>	NFORMATIO	<u>N:</u>		
County: Webster	City:	[	Date Submitte	d: <u>08/18/23</u>	⊠ Origina	l Submittal ☐ Revised
Project No: ILL-C094	(D20/D36)92-94 In S	TIP? 🛛 Y 🗀	N STIP Ye	ar(s): <u>2026</u>	Estimated Let	tting Date: <u>1/17/26</u>
Contact Person: Da	Iton Marsh			Pho	ne Number: 515	-576-3281
Title: Assistant to the	County Engineer				Dolton Mo	arah@Wahataraayintiia
Address: 703 Centra	Ave, Suite 3, Fort Dodge low	/a, 50501		E	E-mail: Dailon.ivia	arsh@Webstercountyia.
⊠ Yes ☐ No The n	Description (include road or str nap in TPMS Development is a ble and attach a paper map w	accurate. If no,				AILED LOCATION MAP Development Map
The TPMS Developme	ent map can be found at the fo #development/projects/			PMS ID numl	ber to the end of t	he web address below.
1. b. Section: 30	Township: 88		Range: 3	0	TPMS ID	No.: 53492
2. Type of Work (che	ck all that apply):					
☐ HMA Paving	☐ Grading		☐ PCC Wide	ening 🗵	Bicycle or pedes	strian facilities
	ng 🔀 Intersection M	odifications	☐ RCB Culv	rert [	] Scenic or landso	caping improvements
	☐ Lighting		☐ Traffic Sig	gnals [	] Historic restorati	ion or renovation
☐ Bridge Replace	_		Other (de	scribe):		
☐ Bridge Rehabili	tation					
3. Project Length: 11.8	miles (to nearest tenth)					
4. Existing Bridge Info	rmation: FHWA No.:	Year	Built:	Size:		
	each item that applies, indicate BG and/or Bridge funding, t					
Federal-aid?	Cost Item					Total Estimated Cost
☐ Yes ⊠ No	Preliminary engineering (if ye	es, see <u>I.M. 3.3</u>	10 for procedu	ıres)		
☐ Yes ⊠ No	Construction engineering (if	yes, see <u>I.M. 3.</u>	310 for proced	dures)	-	
☐ Yes ⊠ No	Acquisition of land or propert	ty rights (if yes,	see <u>I.M. 3.600</u>	<u>0</u> )	-	
⊠ Yes □ No	Construction				·	9,700,000
☐ Yes ⊠ No	Utility relocation (if yes, see I	I <u>.M. 3.640</u> and <u>I</u>	I.M. 3.650)		-	
☐ Yes ⊠ No	Railroad work (if yes, see I.N	<u>1. 3.670</u> and <u>I.N</u>	<u>1. 3.680</u> )		-	
 ☐ Yes  ⊠ No	In-kind contribution (attach d		•	<u>50</u> )	-	
					•	
•	as shown in the STIP): \$				ted Project Cost:	9,700,000
☐ Yes ⊠ No	Has the LPA secured other for				=	
	yes, enter information regardir oply for:	ng other funding	g sources the	LPA has bee	en awarded, has a	applied for, or intends to



7. Estimate of La	and o	or Property Acquisition Impacts: Will the propo	sed project: ANSWER	ALL SIX QUESTIONS
•	-	rary construction easements?	If yes, indicate the approximate are	
		material? Yes No	If yes, indicate the proposed source	
		rarea ☐ Contractor furnished ☐ Existing borro roperty acquisition(s)? ☐ Yes ☒ No   If yes	ow area  ∐ Within existing right-of-w s, approx. how many properties will b	•
•		on assistance for displaced person(s) and/or bus	* * * *	totally doquilou.
•		roximately how many relocations will be required		
f. Involve a c	chan	ge in property access which results in damage to	o the remainder parcel? L Yes 🗵	No
Construction Ease	eme	e marked Yes, provide an aerial map or plan shent need lines. Also provide an aerial map with Red as ROW for a project (i.e., trail through a park	OW need lines if the ROW is already	y owned by the LPA but
		Is it anticipated that the proposed project will re	eceive a substantial degree of public	opposition? ☐ Yes ☒ No
If yes, explain				
Safety Consider	ratio	ns:		
include a DNF	ind F R des ir.ma	dling Routes: laddling Routes are considered recreational area signated water trail or paddling route, as listed on ps.arcgis.com/apps/webappviewer/index.html?id	this website:	
Environmental In	npa	cts: Will the proposed project:	ANSW	ER ALL QUESTIONS
9. Involve any gro	ound	disturbance, per the example <u>Cross Section</u> ?		
⊠ Yes □ No a		f yes, a Cultural Resources Evaluation (CRE) sha Refer to <u>I.M. 4.120</u> . Submittal of these document	• • •	
b	,	f no, LPA is encouraged to complete Form 23103 Location and Environment with the Concept State with the LPA's local Historic Preservation Commi Professional.	ement, or soon thereafter. The CRA	form can be completed
	No.	ity of a recreational area (i.e., park, playground, 1 11; If yes, <b>provide a map showing the project</b> ons:		
☐ Yes ☐ No a	a. Is	the property used as a recreational area or wild	life refuge?	
☐ Yes ☐ No b	o. Is	the property publicly owned? Who is the owner	?	
☐ Yes ☐ No c	c. If	it is a recreational area, is it open to the public?		
☐ Yes ☐ No d	d. V	/ill access to the recreational area be impacted b	by the project?	
☐ Yes ☐ No e	e. H	las the official with jurisdiction over the property	or facility (recreational area or wildlif	e refuge) been contacted?
f	f. Li	st and describe the recreational areas or wildlife		
		Description (include name of agency with jur	risdiction)	Total property area (acres)
	á	a.		
	ı	D.		



			d.		
			e.		
			f.		
			g.		
☐ Yes	☐ No	g.	Will a	any part of the identified properties be acquired as permanent right-of-way?	
				scribe what part will be acquired, using approximate area, the anticipated severity perty can't be avoided, and the steps that will be taken to mitigate or minimize imp	· ·
☐ Yes	□ No	h.	Will	any part of the identified properties be acquired as temporary easement?	
☐ Yes	□No	i.		e any of the identified properties originally acquired or developed with Federal Land LWCN) or similar type funds?	d and Water Conservation
☐ Yes	☐ No	j.	Will t	he property sustain permanent adverse physical impacts?	
☐ Yes	□ No	k.		any of the recreational features (ball diamond, playground, picnic area, etc.) be im nanent or temporary easement?	pacted within any
☐ Yes	□ No	l.	After	the work is complete, will the property be changed from its original condition?	
If the ans	wer to	j, k d nent	or I is ation	no, is the agency with jurisdiction over the property in agreement with all these deas necessary from the agency with jurisdiction.	terminations? Attach
				k or I, list the properties and specifically describe what part will be acquired, incl impacts, why the property can't be avoided, and the steps that will be taken to mini	
Section 4	l(f) Dete	ermi	natior	I by the Systems Planning Bureau, complete the "Park, Recreation Land, and Wildn form" (Form 760006). For example, this form is required when there is a recreational area.	
☐ Yes	⊠ No	1		Determine if the project is in the proximity of known Federal or State threatened or heir habitat by completing and submitting the T&E form, as per <u>I.M. 4.110</u> .	endangered species or
☐ Yes	⊠ No	1		Vill the project involve placement of fill or dredged material into waters of the Unite vetlands? If yes, refer to I.M. 4.130 to determine if a 404 permit is needed.	d States, including
⊠ Yes	□No	1	lo	Vill the project disturb 1 or more acres of land? If yes, NPDES General Permit No. owa DNR. When estimating the amount of disturbed land, include all areas where time to erosive forces. Refer to I.M. 4.140 Storm Water Permits for more information.	soil will be exposed at any
☐ Yes	⊠ No	1		Vill the project require a Floodplain Permit or a Sovereign Lands permit from the lower to the solution of the solution. M. 4.150 for more information.	wa DNR? Refer to
☐ Yes	☐ No	1	15. V	Vill the project meet the backwater and freeboard requirements shown in <u>I.M. 4.15</u>	<u>0</u> ?
☐ Yes	□No	1		s the proposed structure located in an area where the 100-year flood water surface letermined by a Flood Insurance Rate Map (FIRM)? Refer to I.M. 3.500 for more	
☐ Yes	⊠ No	1	р	Will the project involve the acquisition of more than 5 acres of farmland in any one-project? Is it a water storage area? Is the area designated for city land use plan? For more information. If no, the Farmland Conversion Rating Form is not required.	, , -
☐ Yes	⊠ No	1	s	s there potential for the cleanup of any known hazardous materials? This would instations, dry cleaners, or other potentially hazardous sites were previous located, of containing asbestos or lead paint. Refer to this site for more information: https://programs.iowadnr.gov/contaminatedsites/	



∐ Yes ⊠ No	19. Will the project have significant noise, air quality, or water quality impacts that may raise public concern or warrant special mitigation measures? If yes, describe the types of impacts anticipated and the proposed mitigation, if any.
☐ Yes ⊠ No	a. Noise impacts? Specifically describe:
☐ Yes ⊠ No	b. Aesthetic impacts? Specifically describe:
☐ Yes ⊠ No	c. Reduced access? Specifically describe:
☐ Yes ⊠ No	d. Vibration impacts? Specifically describe:
☐ Yes ☐ No	20. Is the project in a special landscape area of the Loess Hills?
☐ Yes ☒ No	Is the project in the National Rivers Inventory? Refer to this site for more information: <a href="https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm">https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm</a>
☐ Yes ⊠ No	21. Will the proposed project be within a 20,000-foot radius of a public airport?
☐ Yes ⊠ No	Refer to <u>I.M. 4.190</u> to determine whether to answer yes or no.  Will the Federal Aviation Administration (FAA) need to be notified? If yes, follow the procedures in <u>I.M. 4.190</u>
⊠ Yes □ No	22. Will the proposed project have a railroad crossing or railroad signals within the project limits? If yes, contact the railroad company to develop an agreement. Refer to <u>I.M. 3.670</u> and <u>I.M. 3.680</u> . Which railroad is affected? Union Pacific
☐ Yes ⊠ No	23. Is the distance from the railroad crossing at a side road less than 100 feet? If so, the railroad crossing will need further review to determine if adequate traffic control, warning devices, and crossing surfaces are in place. Refer to I.M. 3.680.
☐ Yes ☒ No	24. Will the proposed project include Intelligent Transportation System (ITS) elements? If yes, include a map showing the approximate areas of impacts.



Refer to I.M. 3.260 for Design Exception information.

25. Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

Facility Name:

D36 from County Line to Highway 20 Interchange

Federal Functional Classification:

Interstate Other Principal Arterial Minor Arterial

All Divides Collections Of Leastern Collections Collections Of Leastern Collections Collect

 □ Rural Major Collector □ Rural Minor Collector □ Urban Collector □ Local □ N/A (trail or path) Traffic Volumes: Existing AADT: 1550 (Year = 2019) Design Year AADT: 2561 (Year = 2040) % Trucks: 15 Design Speed: 55 mph Posted Speed: 55 mph **Terrain:** ⊠ Level □ Rolling **Type of Area:** ☐ Commercial or Industrial ☐ Fringe or Residential ☐ Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: \_ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: ⊠ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: ☐ Rehabilitation ☐ Restoration ☒ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or lowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required? Yes No If yes, attach documentation for each exception requested.

**Design Element Existing** Proposed **Design Check** All Roadways (urban or rural) 2 Number of traffic lanes 2 Travel lane width (ft) 12 12 Traveled way surface type **HMA HMA Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) ☐ raised ☐ painted ☐ raised ☐ Median width (ft) and type On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) 42 42 Shoulder surface type **GRAVEL** HMA/GRAVEL Shoulder width (ft) 4' HMA 6' GRAVEL 10 Fore slope ratio (horizontal: vertical) 4:1 4:1 Clear zone distance (ft). See I.M. 3.240. N/A 16 (MIN) Bridges (urban or rural) Bridge roadway width (ft) Is guardrail present? ☐ Yes ☐ No N/A Is guardrail proposed? N/A ☐ Yes ☐ No N/A ☐ Yes ☐ No Will channel change be required? **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft) **Traffic Signals** If new signals are proposed, are MUTCD warrants met? ☐ Yes ☐ No ☐ N/A N/A If yes, which warrants are met? N/A



26. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only.

Facility Name: D20 from Highway 20 interchange to Highway 169
Federal Functional Classification:
Traffic Volumes: Existing AADT: 3740 (Year = 2019) Design Year AADT: 2040 (Year = 4070) % Trucks: 15
Design Speed: 55 mph Posted Speed: 55 mph
Terrain: ☑ Level ☐ Rolling Type of Area: ☐ Commercial or Industrial ☐ Fringe or Residential ☒ Rural
Design Guidelines (check only one):
For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or <u>lowa DOT Design Manual</u> Chapter 1c-1 and indicate which table
was used below:
☐ SUDAS Preferred Criteria ☐ SUDAS Acceptable Criteria* ☐ Urban 3R Guidelines** ☐ Other:
For rural roadways, use the design guidelines contained in I.M.s. <u>3.210</u> or <u>3.220</u> and indicate which table was used below:
☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors*
☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads*
☐ Other:
☑ 3R Table for Rural Collectors** (if checked, indicate type of improvement: ☐ Rehabilitation ☒ Restoration ☐ Resurfacing)
* If any of these tables are used, explain reasons for not using the "Aids" tables.
** If used, provide documentation for using 3R criteria per <u>I.M. 3.220</u> .
☐ For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or <u>lowa DOT Design Manual</u> Chapter 12.
<b>Design Exceptions:</b> Will a design exception be required? ☐ Yes ☐ No If yes, provide comments here:
or attach documentation for each exception requested. Refer to <u>I.M. 3.260</u> for Design Exception information.

Design Element	Existing	Proposed	Design Check
All Roadways (urban or rural)			
Number of traffic lanes	2	2	
Travel lane width (ft)	12	12	
Traveled way surface type	HMA	HMA	
Urban Roadways			
Total roadway width (ft) (back-of-curb to back-of-curb)			
Curb and gutter width (ft)			
Median width (ft) and type	☐ raised ☐ painted	☐ raised ☐	
On-street parking lane width (ft)			
Horizontal clearance (ft)			
Rural Roadways			
Roadway top width (ft) (should-to-shoulder)	44	44	
Shoulder surface type	GRAVEL	HMA/GRAVEL	
Shoulder width (ft)	10	4' HMA 6' GRAVEL	
Fore slope ratio (horizontal: vertical)	4:1	4:1	
Clear zone distance (ft). See I.M. 3.240.	N/A	16 (MIN)	
Bridges (urban or rural)			
Bridge roadway width (ft)			
Is guardrail present?	☐ Yes ☐ No	N/A	
Is guardrail proposed?	N/A ☐ Yes ☐ No		
Will channel change be required?	N/A	☐ Yes ☐ No	
Bicycle Trails or Shared Use Paths			
Trail or path surface width (ft) and traffic direction	☐ 2-way ☐ 1-way	10 ⊠ 2-way □ 1-way	
Trail or path surface type		HMA	
Shoulder width (ft)		2	
Lateral clearance (ft)		4	
Vertical clearance (ft)		50	
Clear width of path on bridge (ft)		N/A	
Traffic Signals			
If new signals are proposed, are MUTCD warrants met?	N/A	☐ Yes ☐ No ☒ N/A	
If yes, which warrants are met?	N/A		



Clear width of path on bridge (ft)

If yes, which warrants are met?

If new signals are proposed, are MUTCD warrants met?

**Traffic Signals** 

Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: mph Posted Speed: mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or Iowa DOT Design Manual Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: □ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: ☐ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: ☐ Rehabilitation ☐ Restoration ☐ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or lowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required? ☐ Yes ☐ No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element** Existing **Proposed Design Check** All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) Median width (ft) and type ☐ raised ☐ painted ☐ raised ☐ On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) Is guardrail present? ☐ Yes ☐ No N/A Is guardrail proposed? N/A ☐ Yes ☐ No ☐ Yes ☐ No Will channel change be required? N/A **Bicycle Trails or Shared Use Paths** Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft)

N/A

N/A

☐ Yes ☐ No ☐ N/A



28. Additional Project Design Elements - - Provide the project design information requested below. If the project involves multiple facilities, or significantly different sections on the same facility, complete a separate page for each. For design elements that are not applicable for the facility listed below, enter "N/A" in the appropriate space. If the project does not involve a roadway, bicycle trail, or shared use path, this page may be left blank. Design Check column is for Department Use Only. **Facility Name:** Federal Functional Classification: ☐ Interstate ☐ Other Principal Arterial ☐ Minor Arterial ☐ Rural Major Collector ☐ Rural Minor Collector ☐ Urban Collector ☐ Local ☐ N/A (trail or path) Traffic Volumes: Existing AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) Design Year AADT: \_\_\_\_\_ (Year = \_\_\_\_\_) % Trucks: \_\_\_\_\_ Design Speed: mph Posted Speed: mph Terrain: ☐ Level ☐ Rolling Type of Area: 
Commercial or Industrial Fringe or Residential Rural Design Guidelines (check only one): For urban roadways, use the design guidelines contained in SUDAS Chapter 5 or Iowa DOT Design Manual Chapter 1c-1 and indicate which table was used below: □ SUDAS Preferred Criteria □ SUDAS Acceptable Criteria\* □ Urban 3R Guidelines\*\* □ Other: □ For rural roadways, use the design guidelines contained in I.M.s.3.210 or 3.220 and indicate which table was used below: ☐ Design Aids for Rural Collectors ☐ AASHTO Guidelines for Rural Collectors\* ☐ Design Aids for Rural Local Roads ☐ AASHTO Guidelines for Rural Local Roads\* Other: ☐ 3R Table for Rural Collectors\*\* (if checked, indicate type of improvement: ☐ Rehabilitation ☐ Restoration ☐ Resurfacing) \* If any of these tables are used, explain reasons for not using the "Aids" tables. \*\* If used, provide documentation for using 3R criteria per I.M. 3.220. For bicycle trails or shared use paths, use the most current edition of the SUDAS Chapter 12 or lowa DOT Design Manual Chapter 12. **Design Exceptions:** Will a design exception be required?  $\square$  Yes  $\square$  No If yes, provide comments here: or attach documentation for each exception requested. Refer to I.M. 3.260 for Design Exception information. **Design Element Existing Design Check** Proposed All Roadways (urban or rural) Number of traffic lanes Travel lane width (ft) Traveled way surface type **Urban Roadways** Total roadway width (ft) (back-of-curb to back-of-curb) Curb and gutter width (ft) ☐ raised ☐ painted ☐ raised ☐ Median width (ft) and type On-street parking lane width (ft) Horizontal clearance (ft) **Rural Roadways** Roadway top width (ft) (should-to-shoulder) Shoulder surface type Shoulder width (ft) Fore slope ratio (horizontal: vertical) Clear zone distance (ft). See I.M. 3.240. N/A Bridges (urban or rural) Bridge roadway width (ft) ☐ Yes ☐ No N/A Is guardrail present? ☐ Yes ☐ No Is guardrail proposed? N/A Will channel change be required? N/A ☐ Yes ☐ No **Bicycle Trails or Shared Use Paths** ☐ 2-way ☐ 1-way Trail or path surface width (ft) and traffic direction ☐ 2-way ☐ 1-way Trail or path surface type Shoulder width (ft) Lateral clearance (ft) Vertical clearance (ft) Clear width of path on bridge (ft) **Traffic Signals** If new signals are proposed, are MUTCD warrants met? ☐ Yes ☐ No ☐ N/A N/A If yes, which warrants are met? N/A



## **CHECKLIST OF REQUIRED SUBMITTAL ITEMS**

☐ Location Map or TPMS Development Map link
Form 760005 – Determination of Effect for Threatened and Endangered Species for Local Public Agencies
CHECKLIST OF SUBMITTAL ITEMS, IF APPLICABLE
ROW Needs Map (if Y for 7a, 7b, 7c) - include ROW Needs lines, which can be an approximation. There is no need to create a "buffer zone", as Location and Environment Bureau will account for a 25' buffer when they perform the NEPA clearance.
☐ Cultural Resources Evaluation or Archaeological Survey (if Y for 9a). Submittal of this information at the time of Concept Statement submittal is not required; however, submittal as soon as possible will speed up the NEPA Clearance process.
☐ Cultural Resources Assessment (if Y for 9b). Submittal of this information is not required for Concept Statement submittal; however, submittal of this information will speed up the NEPA Clearance process.
Recreational Area Location Map (if Y for 10)
Explanation for using AASHTO criteria/SUDAS Acceptable criteria instead of the "Aids" tables/SUDAS Preferred (Items 25-28)
☐ Documentation for using 3R criteria [Address the seven safety considerations] (Items 25-28)
☐ Design Exception Request (Items 25-28)