

Chapter 4: Roads and Bridges

Existing Roadway System

Roads and bridges make up the largest part of the region's transportation system and are the most used by residents. The movement of goods and people within the region requires the road network to travel from origin to destination even when other modes of transportation are involved. The road network consists of a hierarchy that allows for movement over long and short distances. Arterials include the primary road system (highways, interstates and other state routes) as well as other thoroughfares, these roads allow for high-speed movement over long distances with minimal interruption. Then there are the collectors, these roads connect the primary system to the local system and serve as major roads in larger cities. Finally, there are the local roads that connect directly to most homes and businesses.

The road network within RPA 15 consists of approximately 5,000 miles of road, this includes 400 miles of primary roads that are the state's responsibility and 4,600 miles that are of local jurisdiction (county or city). Of the local mileage, 92% is maintained by the counties and 8% the cities in the region.

Federal Functional Classification

Federal functional classification defines the road by the level of service it provides. An arterial provides a higher level of mobility and greater speed for longer distance travel. They do not provide direct access to every destination along the route. Collectors provide mid-level mobility and access and operate at lower speeds and for shorter distance travel than arterials. Collectors also serve to move traffic between arterials and local roads. Local roads provide the lowest level of mobility at the slowest speed but provide the most direct access to more destinations than any other classification.

Federal functional classification is used to determine eligibility for certain grant programs, such as the Surface Transportation Block Grant/SWAP program. It requires a road to have a classification of a minor collector or higher to be eligible for funding. Maps 4.1-4.5 show the federal functional classification for roads in each county and each urban area within the RPA. Figure 4.1 shows the mileage of roads within each county and urban area by classification level. It also shows the National Highway System Miles in each county and urban area. Figure 4.2 shows that the largest percentage of roads within the region are classified as local at 61%. Collectors, both

major and minor make up the second largest share accounting for a combined 29% of the roads in the RPA.

Figure 4.1:	Road Mileage by F						
	Principal Arterial	Minor Arterial	Major Collector	Minor Collector	Local	Total	Primary Rte
Jefferson	35	10	126	153	485	809	45
Keokuk	26	96	116	215	657	1109	122
Mahaska	55	30	112	182	661	1039	69
Van Buren		74	105	159	530	867	69
Wapello	37	13	135	120	444	748	50
Fairfield	4	17	8		48	78	4
Oskaloosa	18	11	13		80	123	18
Ottumwa	18	41	23		144	226	24
Total	194	291	638	828	3049	4999	402
Source: Iowa DOT Mileage Report by Federal Functional Classification - January 1st, 2021							
https://iowadot.gov/systems_planning/planning-resource-guide#26634639-mileage-reports							
Retreived: 02/16/24							



Traffic Volume

Use of the road network is determined by traffic volume, which is measured as Average Annual Daily Traffic or AADT. AADT represents average traffic volumes for a day over a given year. AADT is a useful measure because it gives engineers and planners a picture of traffic on a particular road segment. Areas with higher AADT are used by more vehicles and more often. This information can be used to determine areas that may experience increased wear or need improvement to handle the existing/projected traffic volume and maintain a level of service. AADT can also be used with crash information to determine segments and intersections that may have safety issues.

The Iowa DOT measures AADT on one quarter of the state's road system each year, measuring the entire state over a 4-year cycle and southeast Iowa was last counted in 2022. Counts are obtained through a combination of observed counts, automated recorders and estimates. Counts on the secondary system are from when the road was last counted, busier higher priority roads are counted more often.

Map 4.6 shows the 2017 AADT for RPA 15 and maps 4.7-4.11 shows the 2022 AADT for each of the counties and urban areas within the RPA. Figure 4.3 shows the roads with the highest traffic volumes in the region. A majority of the roads are four lane and many with higher volumes can be found in urban areas. The road segment with the highest volume is IA 149 over the Des Moines River which has 18,200 vehicles per day. The road segment outside of an urban area with the highest traffic volume is IA 163 between Oskaloosa and Eddyville which has a traffic county of 12,500 vehicles per day.

Figure 4.3: Roads with the Highest Traffic Volume in the Region - 2022							
Road Segment	City/County	# of lanes	Traffic Volume				
IA 149/ Wapello St Ext over DM River	Ottumwa	4	18,200				
US 34, Venture Dr to IA 149	Ottumwa	2, 4	16,600				
US 34, IA 149 to Market St	Ottumwa	4	13,300				
IA 163 N of Eddyville	Mahaska Co	4	12,500				
IA 92/ A Ave, IA 432 to N D St	Oskaloosa	3	12,200				
IA 163, Marion CL to Oskaloosa	Mahaska Co	4	12,200				
Burlington Ave, Brookville to 23rd St	Fairfield	3	11,600				
US 63/Market St, A Ave to Trueblood	Oskaloosa	2, 3	7,400				
US 63 S of Ottumwa	Wapello Co	2	6,800				
Source: Iowa Department of Transportation 2022 RAMS data							
https://data.iowadot.gov/datasets/IowaDOT::road-network-portal/about							
Retreived: 9/28/23							

An important subset of the AADT is the truck AADT, which shows the movement of freight through the region. Map 4.12 shows the truck AADT on roads within the region. Figure 4.4 lists the road segments with the highest truck volumes. The trucks counted on both map 4.12 and figure 4.4 include both single unit and combination truck classes. The segment with the highest truck traffic is IA 163 S of Oskaloosa to Eddyville with 2,327 trucks per day. Truck traffic volume can be used to determine areas that need capacity improvements to maintain travel speed and time, or safety improvements to prevent conflicts between smaller vehicles and the large trucks.

Figure 4.4: Roads with the Highest Truck Traffic Volume in the Region - 2022								
Road Segment	City/County	# of lanes	Truck Volume					
IA 163 Oskaloosa to Eddyville	Mahaska Co	4	2,327					
US 34 Ottumwa to Batavia	Wapello Co	4	2,080					
IA 163 Eddyville to Ottumwa	Wapello Co	4	2,015					
IA 163 Ottumwa Bypass	Wapello Co	4	1,962					
IA 163 Marion CL to Oskaloosa	Mahaska Co	4	1,768					
US 34 Fairfield to Henry CL	Jefferson CL	4	1,528					
IA 92/A Ave, 163 to Market St	Oskaloosa	3	672					
IA 92 E of Oskaloosa	Mahaska Co	2	592					
Source: Iowa Department of Transportation 2022 RAMS data								
https://data.iowadot.gov/datasets/IowaDOT::road-network-portal/about								
Retreived: 9/28/23								

Pavement Conditions

The condition of a roadway's pavement is important, and a road's surface should be regularly inspected for wear, cracking and deterioration. Good pavement provides a better driving experience and is safer, while deteriorated pavement can lead to a poor driving experience, be unsafe and cause increased wear and damage to vehicles. The level of deterioration and the number of cracks in a road is a factor in determining its priority for rehabilitation or reconstruction. It is the responsibility of the cities and counties to inspect and maintain the secondary roads under their jurisdiction while the primary roads are maintained by the lowa DOT.

One tool that can assist cities and counties in determining the condition of their roads is the Iowa Pavement Management Program. This program inspects one half of the roads within the state each year and this data is available to the cities and counties at no cost.



One method of rating the condition is Pavement Condition Index (PCI), which provides a score of a segments condition of zero to 100 with zero being very poor and 100 being excellent. Road segments rated using PCI are scored based on the number of cracks and patches compared to the length of the segment, segments with a higher number of cracks and patches to length have a lower score.

Maps 4.13-4.17 show the 2022 PCI ratings for the roads in each of the counties and urban areas. Video logging of pavement conditions is also available through the IPMP and can be accessed online at: <u>http://rams.iowadot.gov/pathweb/</u>.

Bridge Conditions

There are also 902 bridges that are part of the region's road network. A majority of these bridges are located on secondary roads and are the responsibility of the county for inspection, maintenance and replacement. Bridges located on roads maintained by cities are the responsibility of that city and bridges on primary roads are maintained by the lowa DOT. Bridges are inspected regularly to determine their ability to remain in service and continue to perform their role. One way to measure this is by scoring bridges as either good, fair, or poor.

The Bridge Inspection Rating Classification provides an assessment to determine the classification of a bridge based on its minimum, or lowest, condition rating. The assignment of Good, Fair, or Poor as defined by the FHWA is based on the lowest condition rating of a bridge's 3 NBI items, 58-deck, 59-superstructure, 60-substructure, and 62-Culverts (if applicable). When the lowest of the three NBI items for a bridge is rated 7 or higher the bridge is classified as good, all elements of the bridge are considered sound. If the lowest of any of the items is rated a 5 or 6 the bridge will be rated poor if the condition rating is 4 or for the deck, superstructure, substructure, or culverts. Poor bridges are eligible for either HBP or State bridge funding if they have an ADT greater than or equal to 25. Cities can qualify for funding if the bridge is within city corporate limits, in whole or part, including Farm-to-Market bridges within city limits of cities less than 500 population. County bridges will be on the qualifying bridge list if they are poor and can meet the ADT criteria. If the bridge isn't on the list, the county is not eligible for funding, however they may submit a waiver request in certain situations.

The table below shows the inspection rating classification for all of the bridges in the region. A majority of the bridges have a fair rating. There are 211 or 23% of the bridges that have a poor rating, these bridges are eligible for HBP and State funding.

Of the bridges in the region, 229 are weight restricted. Maps 4.7-4.11 show the locations of the bridges in each county and their sufficiency rating.

Figure 4	.5: Bridge Inspe	ction Rating C	lassification fo	r the Region - 2	023		
Rating	Jefferson Co	Keokuk Co	Mahaska Co	Van Buren Co	Wapello Co	Total	Pct
Good	68	61	63	38	91	321	36%
Fair	59	84	85	72	70	370	41%
Poor	27	36	75	46	27	211	23%
Total	154	181	223	156	188	902	
Source:	Iowa Departme	nt of Transpo	tation 2023 Iov	va Bridges Story	тар		
Iowa Bridges (arcgis.com)							
Accessed	d: 11/13/23						

Crashes

In 2022 there were a total of 1,111 crashes within the RPA. Over half of the crashes were multi-vehicle crashes and only six involved pedestrians. A majority (72%) of the crashes resulted in property damage only. There were 160 crashes that resulted in an injury and nine crashes that were fatal. Figure 4.6 below shows the percentage of crashes by severity for the RPA. Crashes will be discussed in more detail, including locations and high crash areas, in Chapter 8: Safety and Security.

2022 Crashes

By Type: Single Vehicle – 43.7% Multiple Vehicle – 56.3% Vehicle / Pedestrian – 6

By Severity: Fatal – 9 Serious Injury – 36 Minor Injury – 124 Possible Injury – 203 Property Damage Only - 798

Source: Iowa Crash Analysis Tool. <u>https://icat.iowadot.gov/</u> Accessed: August 26, 2023.





Source: Iowa DOT, Iowa Crash Analysis Tool

Status of Previously Identified Projects

The previous Long-Range Transportation Plan for the region, Forward 2040, identified short-term road and bridge projects that were expected in the next five years. Through review of subsequent Statewide Transportation Improvement Plans and contact with contact with sponsors those projects have been followed up on to determine their current status. Figure 4.7 gives an update on these projects, and shows whether they were let (constructed), scheduled for letting, moved back to a later year, or removed from programming.

AREA 15 REGIONAL PLANNING COMMISSION

Forward 2045

RPA 15 Long Range Transportation Plan

Figure 4.7: Status of Previously Identified Projects				
Project	Status 💌	Programmed Yea 🚬	Location 🗾	Туре 🔄
IA 22 pavement rehab from IA 149 to Wellman	Let	2019	Keokuk Co	Local
IA 149 pavement rehab from IA 92 to IA 22 in Webster	Let	2019	Keokuk Co	Local
Bridge replacement on N 17th over Spring Creek	Let	2019	Oskaloosa	Local
Bridge replacement on 225th Ave over Middle Avery Creek	Let	2021	Wapello Co	Local
Bridge replacement on 180th Ave over South Fork English River	Let	2019	Keokuk Co	Local
Bridge replacement on 100th St over Buckley Creek	Removed	2019	Mahaska Co	Local
Grading paving widening on G71 from Galeston Ave to IA 163	Let	2019	Mahaska Co	Local
Bridge replacement on J40 over Reeds Creek	Let	2020	Van Buren Co	Local
Bridge replacement on 200th Ave over South Avery Creek	Let	2020	Wapello Co	Local
Bridge rehabilitation on Compentie Road over Cedar Creek	Let	2019	Wapello Co	Local
IA 21 pavement widening Delta city limit to IA 92	Let	2019	Keokuk Co	Local
US 63 grade and pave and bridge replace J12 to US 34	Let	2019-2020	Ottumwa	Local
Bridge replacement on Grasstree Ave over Lick Creek	Removed	2020	Jefferson Co	Local
Pleasant Plain Rd HMA overlay from 167th to N Walnut Creek	Let	2020	Jefferson Co	Local
W40 pavement rehab from 195th to 218th St	Let	2020	Jefferson Co	Local
IA 1/S Main widening from Fillmore to 200ft S of Libertyville Rd	Let	2021-2022	Fairfield	Local
Bridge replacement on 335th St over Cedar Creek	Let	2020	Mahaska Co	Local
Bridge replacement on 150th Rd over Holcomb Creek	Let	2020	Van Buren Co	Local
Bridge replacement on 110th Rd over Lick Creek	Let	2020	Van Buren Co	Local
Bridge replacement on 15th St over Brush Creek	Let	2020	Wapello Co	Local
Milner St grade and pave from Mary St to Burhhus St	Let	2020	Ottumwa	Local
IA 1 bridge deck overlay over Walnut Creek	Let	2020	Jefferson Co	Local
IA 149 bridge replacement of Park Blvd	Let	2020	Ottumwa	Local
IA 1 grade and pave S of Libertyville Rd to Fillmore Ave	Let	2022	Fairfield	Local
Bridge replacaement on 257th St	Let	2021	Jefferson Co	Local
Old 34/Burlington Road resurfacing	Moved beyond 5 years	Beyond 5-Years	Fairfield	Local
Business 34 bridge replacement east of Fairfield	scheduled for Nov 2023	2024	Fairfield	Local
Bridge replacement on H43 over Big Cedar Creek	Let	2021	Jefferson Co	Local
W40 pavement rehab from 150th to Washington Co line	Let	2021	Jefferson Co	Local
Bridge replacement on 110th St over Elk Creek	Let	2021	Mahaska Co	Local
Bridge replacement on 148th St	Let	2022	Jefferson Co	Local
Bridge replacement on 197th Rd over Wildcat Creek	Let	2023	Van Buren Co	Local
Bridge replacement on IRIS Ave over Mtichell Creek	Let	2022	Jefferson Co	Local
4th Street HMA overlay from Broadway Ave to BNSF ROW	Let	2021	Fairfield	Local
32nd Street HMA overlay from Jackpine Loop to Burlington Ave	Let	2021	Fairfield	Local
IA 92 bridge replacement over Muchakinock Creek	Let	2021	Mahaska Co	Local
IA 1 culvert replacement on Franklin St	Let	2021	Keosauqua	Local
US 34 bridge deck overlay on Main St	Let	2021	Ottumwa	Local
Old 34/Bus 34 resurfacing East and West of Fairfield	Hold	Beyond 5-Years	Jefferson Co	Local
S of Libertyville Rd to Fillmore Ave in Fairfield (Pavement)	Let	12/21/2021	Jefferson Co	IDOT
Big Cedar Creek 2.8 mi S of US 34 (Bridge Rehab)	Let	1/18/2023	Jefferson Co	IDOT
Bridge replacement on 328th Ave over English River	Moved to 2026	2020	Keokuk Co	Local
Bridge replacement on 120th over English River	Moved to 2026	2021	Keokuk Co	Local
Bridge rehabilitation on 170th St	Moved to 2027	2021	Keokuk Co	Local
G29 paving from Mahaska Co line to IA 21	Let	2022	Keokuk Co	Local
Bridge rehabilitation on V44 over English River	Let	2022	Keokuk Co	Local
IA 1 bridge deck overlay over Walnut Creek	Let	2022	Jefferson Co	Local
IA 92 grade and pave IA 21 and V33 intersections	Let	2022	Keokuk Co	Local

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IA 78 bridge replacement over ICE RR	Let	2022	Keokuk Co	Local
V45 repaying from Signurney to Keswick	Moved to 2028	Beyond 5-Years	Keokuk Co	Local
IA 92 bridge replacement over Skunk River	let	2022	Mahaska Co	Local
IIS 34 bridge deck overlav over Bear Creek	let	2022	Wanello Co	Local
US 34 bridge deck overlav over Bardell St	let	2022	Ottumwa	Local
W15 renaving from Richland to 277th	Moved to 2028	Beyond 5-Years	Keokuk Co	Local
G13 repaying from VAA to 215th	Moved to 2028	Beyond 5-Vears	Keokuk Co	Local
V67 repaying from IA 78 to Ollie	Moved to 2028	Beyond 5-Years	Keokuk Co	Local
N 1st St to 6th St in Delta (ADA Improvements)	Let	12/17/2019	Keokuk Co	
N 1st St to 6th St in Delta (Resurfacing)	Let	12/17/2019	Keokuk Co	
IA 1/9 to N 1st St in Delta (Revement)	Let	3/17/2010	Keokuk Co	
IA 21 to E lot IA 149 (Microsurfacing)	Let	11/17/2020	Keokuk Co	
ICE RR 8 8 mi E of IA 149 (Bridge)	Let	11/16/2020	Keokuk Co	
IA 21 and Co Rd V23 Intersections (Pavement)	Let	1/10/2021	Keokuk Co	
Pichland Crock 5.8 mi E of 14.140 (Pridgo)	Let	1/19/2022	Keokuk Co	
Richard Cleek 5.6 III E OF IA 149 (Bruge)	Let Moved to 2024	1/ 16/ 2023	Mabacka Co	
Bridge replacement on T21	Moved to 2024	2024 Royand E Vaars	Mahaska Co	Local
T29 repaying C79 to Plume Corner	100Ved to 2028	acceleration accel	Mahaska Co	Local
G20 rapaving US62 to Independence	Moved to 2029	2022 Boyond E Voors	Mahacka Co	Local
G29 repaying US63 to independence	Ivioved to 2028	11/10/2010	Manaska Co	Local
From NCL of what cheer to N. of IA 85 (Resultacing)	Let	11/19/2019	Keokuk Co	Local
oth St in Delta to IA 92 (Paved Shoulder)	Let	2/19/2019	REOKUK CO	Local
GST repaying Skunk River to US 63	Let	Beyond 5-Years	Mahaska Co	Local
G1/ repaying US 63 to V13	Removed	Beyond 5-Years	Ivianaska Co	Local
E Jct 149 to Weilman (Resurfacing)	Let	4/16/2019	Keokuk Co	Local
IA 92 to IA 22 in Webster (Resurfacing)	Let	4/16/2019	Keokuk Co	Local
Tributary of Cedar Creek 0.8 mi N of Co Rd 167 (Bridge)	Removed	1/18/2023	Mahaska Co	Local
River Rd / Co Rd J12 to US 34 in Ottumwa (Pavement)	Let	12/1//2019	Wapello Co	Local
NW Bypass of Oskaloosa (Grading)	Moved to 2027	Beyond 5-Years	Mahaska Co	IDOT
Mary Street PCC reconstruction from Ferry St to Shaul Ave	Scheduled for Fall 2023	2023	Ottumwa	Local
W Park Blvd 1.4 mi N of US 34 in Ottumwa (Bridge Replacement)	Let	11/19/2019	Wapello Co	Local
South Walnut Creek 5.7 mi S of IA 78 (Bridge Deck Overlay)	Let	1/22/2020	Jefferson Co	Local
Bridge replacement on Stone Ave	Removed from Syr plan	2022	Van Buren Co	Local
Bridge replacement on 235th St over Indian Creek	Removed from Syr plan	2022	Van Buren Co	Local
Muchakinock Creek 1.3 mi W of IA 163 (Bridge Replacement)	Let	11/1//2020	Mahaska Co	Local
J40 repaying Davis Co to Keosauqua	Let	Beyond 5-Years	Van Buren Co	Local
IA 149 Intersection in Ottumwa (Pavement)	Let	1/22/2020	Wapello Co	Local
V64 repaying J40 to IA 16	bouncing around 5yr plan	Beyond 5-Years	Van Buren Co	Local
0.1 mi N of Franklin St in Keosauqua (Structures)	Let	10/20/2020	Van Buren Co	IDOT
Clear Creek 2.5 mi W of Co Rd W15 (Brick Deck Overlay)	Let	1/20/2021	Keokuk Co	Local
North Skunk River 2.2 mi E of E Jct Co Rd V13 (Bridge)	Let	11/16/2021	Mahaska Co	Local
E Main St 1.4 mi E of W Jct US 63 in Ottumwa (Bridge Deck Overlay)	Let	1/20/2021	Wapello Co	Local
Middle Walnut Creek 3.1 mi S of S Jct IA 78 (Bridge Deck Overlay)	Let	1/19/2022	Jefferson Co	Local
Fox River 1.5 mi E of Co Rd V64 (Bridge DecK Replacement)	Moved to October 2024	2024	Van Buren Co	IDOT
Little Lick Creek 1.2 mi N of S Jct IA 16 (Bridge)	Rolled into 2023	10/18/2022	Van Buren Co	Local
Bridge replacement on 180th Ave over Soap Creek	Scheduled for Dec 2023	2024	Wapello Co	Local
Bear Creek 1.2 mi W of Co Rd H35	Let	1/19/2022	Wapello Co	Local
Bardell St 0.5 mi E of IA 149 in Ottumwa (WB) (Bridge Deck Overlay)	Let	1/19/2022	Wapello Co	Local
Bridge replacement on Whiskey Ridge over Avery Creek	Let	2022	Wapello Co	Local
SB/NB US 63 Over Drainage Ditch 0.3 mi S of Ottumwa (Bridge Replacement)	Let	9/17/2019	Wapello Co	IDOT
US 63 Over Bike Trail 0.1 mi S of Ottumwa (Culvert)	Let	9/17/2019	Wapello Co	IDOT
Local Rds / Detour Route in Ottumwa (Paved Shoulder)	Let	5/21/2019	Wapello Co	IDOT
Village Creek 3.1 mi S of US 34 (Bridge Widening)	Let	11/15/2022	Wapello Co	Local
Little Soap Creek 1.9 miles N of Davis Co (Bridge Deck Replacement)	Let	11/15/2022	Wapello Co	Local
BNSF 1.2 E of W Jct US 63 in Ottumwa (EB/WB) (Bridge Deck Replacement)	Moved to October 2023	2023	Wapello Co	IDOT
South Avery Creek 0.7 mi E of Co Rd T61 (Bridge Deck Overlay)	Moved to October 2024	2024	Wapello Co	IDOT
Source: Forward 2040: RPA 15 Long-Range Transportation Plan (2019), RPA 1	5 Technical Advisory Committe	ee,		
Iowa Department of Transportation District 5 Planner				

Future Roadway Improvements

Future road improvements are planned through consultation between the Iowa Department of Transportation, RPA and local cities and counties within the region. RPA staff guide the Technical Advisory Committee and Policy Board through the planning process to develop long-range planning documents such as this one that establish goals and objectives and also identify short and long-term projects. This process also selects projects for funding assistance and inclusion in the Statewide Transportation Improvement Program. Short-short term road and bridge projects were identified through discussions with the TAC and review of the FY24-27 STIP. Long-term projects were identified through discussions with Technical Advisory Committee members. There are also projects of regional significance, these are projects that will significantly impact the movement of people and freight in the area.

Funding is necessary to implement the identified roadway improvements. There are several funding options available to cities and counties for funding road and bridge projects that come from local, state, and federal sources. Some funds, such as local taxes and franchise fees, may be used for both road and bridge projects, other transportation projects and non-transportation related purposes. Others, like the road use tax, farm-to-market fund, and transportation grants are more restricted in how the funding may be used. The Funding sources section and anticipated funding will discuss these sources.

Projects of Regional Significance

There are several projects of regional significance that are either programmed or under development. These are road projects that will improve the movement of people and goods, not only locally, but also in the RPA and Southeast Iowa. These are more than just rehabilitation or reconstruction, they are projects that enhance the operations and safety of the road, allowing for better more efficient travel. Projects of regional significance include:

Oskaloosa NW Bypass: The purpose of the bypass is to provide safe and efficient travel for through truck and vehicle traffic currently passing through the Oskaloosa corporate limits on US 63. Removing through traffic from Oskaloosa will result in a reduction in crashes as US 63's current configuration experiences 2x the number of crashes as the statewide average. The NW bypass will have a grade separated diamond interchange at IA 163 east of Northshore Drive and run northeast to US 63 north of 210th Street. The road will be a two-lane facility about 3.5 miles in length with

paved shoulders and turn lanes where warranted. County roads located at the south and north end of the project will be reconstructed to intersect with the relocated US 63 mainline. The NW Bypass is currently in the Iowa DOT 5-year program.

Oskaloosa MODES Plan: MODES stands for Mahaska Oskaloosa Driving Economic Success; it involves improving the flow of traffic and trucks through Mahaska County and around the east side of Oskaloosa. The study area includes an area 12 mile in circumferential length and 4 miles wide that includes connectivity to the NW bypass, US 63, IA 23, and IA 92. Roadway improvements would allow freight to have direct access to the industrial park without congesting local streets. Currently MODES is involved in initial studies and planning to help determine locations and alternatives, including whether to improve existing roads or build new routes.

Ottumwa US 34 reconstruction: Iowa DOT has developed a concept to reconstruct US 34 through Ottumwa and to replace the intersections/overpasses with roundabouts. For the Iowa DOT the advantages of roundabouts are that it will reduce conflict points at intersections and reduce severity of crashes, having no bridges/overpasses will also greatly lower the maintenance costs. Drivers will experience reduced stops along the corridor compared to current with signal-controlled intersections at Quincy, IA 149, and the Church St interchange. Advantages for the City of the roundabouts are that the corridor will be at-grade and allow greater connectivity between development on north/south sides, this will include between the Church Street Business District and the Bridge View Center. It will also include additional pedestrian connectivity to Greater Ottumwa Park and along Church Street. For further planning and design to begin, the US 34 reconstruction needs to be included in the 5-year program.

Planned and Potential Improvements

Figure 4.8 identifies planned road and bridge projects within the region for the next five years. It includes information on the project's location, total cost, anticipated amount of grant aid, funding source of that aid, and the year it is programmed if it is. Map 4.18 shows the location of planned road and bridge projects within the region and identifies them by funding source. Figure 4.9 identifies potential road and bridge projects for beyond five years. These are projects that the cities and counties will be starting to develop in the next few years.

The needs of the state highway system within the region are identified in figure 4.10. These needs are identified in the State Long-Range Transportation Plan: Iowa In Motion 2045. The needs are divided into five categories: pavement condition, bridge condition,



bottlenecks, super-2, and capacity. Pavement condition identifies corridors that are ranked in the bottom 25 percent of the Infrastructure Condition Evaluation, which uses a composite rating to evaluate the road's structure and service condition. Bridge condition identifies corridors that have bridge(s) in the lowest 5 percent for bridge condition index of the bridges on the primary system. The bridge condition also identifies several major projects that need to occur in the next couple of decades, one of which is in RPA 15, the US 63 Ottumwa Viaduct over the Des Moines River. The bottleneck category identifies areas where reported speeds as determined by cellphone data is 60 percent of reference (posted) speeds. Super-2 (mobility and safety) indicates a corridor where operational improvements can reduce traffic interruptions and the number of crashes. Potential Super-2 corridors were identified through an evaluation of crash statistics, roadway grades, traffic volumes, trip lengths, connectivity, and route designations. Capacity identifies areas of additional capacity need based on a review of traffic volume-to-capacity conditions and forecast of future conditions.

Figure 4.11 contains Iowa Department of Transportation District 5 projects for the region. These include both programmed and non-programmed projects, the non-programmed projects are the goals of the district.



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ProtectControlCostModeFederamodeProgrammed ApplicatorProgrammed ApplicatorPro	Figure 4.8: Planned Road and Bridge Improvements in within the Next Five Years					
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bindle speiznement, berdlike Gark Amp and Powement on Business A Signing MarkFair Amp (2000)SignitizeBindlike GarkSignitizeBindlike GarkSignitizeBindlike GarkSignitize	HMA Pavement - Full Depth Reclamation on 110th St, from V63 W 3.9 miles	Jefferson Co	\$3,000,000	\$2,400,000	Grant Application	2025
brings perparament or 20n % 9943.00943.00940.00940.00940.00Brings perparament or 20n % %%apelio C\$300.00\$300.00HBP2024Brings perparament or 180 % %%apelio C\$200.000\$1.000.00HBP2024Brings perparament or 180 % %%apelio C\$2.000.00\$1.000.00HBP2024Brings perparament or 180 %%apelio C\$2.000.00\$1.000.00HBP2025Brings perparament or 055Mahaka C\$000.00\$000.00HBP2025Brings perparament or 056Mahaka C\$000.00\$000.00HBP2025Brings perparament or Bolin AreWapelio C\$500.00\$000.00HBP2025Brings perparament or Bolin AreWapelio C\$500.00HBP2025Brings perparame	Bridge Replacement, Ped/Bike Grade Ramp and Pavement on Business 34 Signed Rte	Fairfield	\$2,260,000	\$1,800,000	HBP	2024
bingg papicament on 340h Ave Wapelio Ca S00.00 S00.00 HBP 2024 Bingg Papicament on 380h S Wapelio Ca S.00.00 S1.00.00 HBP 2024 Bingg Papicament on 149 Lbstryhulf Ad Wapelio Ca S.00.00 S1.00.00 HBP 2024 Bingg Papicament on CaD and overflow undge Mahaska Ca S1.00.00 S1.00.00 HBP 2024 Bingg Papicament on CaD and overflow undge Mahaska Ca S1.00.00 S1.00.00 HBP 2024 Bingg Papicament on CaD and overflow undge Wapelio Ca S50.00 S50.00 HBP 2025 Bingg Papicament on Bohn Ave Wapelio Ca S50.00 S50.00 HBP 2025 Bingg Papicament on Bohn Ave Wapelio Ca S50.00 S50.00 HBP 2025 Bingg Papicament on S2h Ave Mahaska Ca S50.00 S50.00 HBP 2025 Bingg Papicament on S2h Ave Mahaska Ca S50.00 S50.00 HBP 2025 Bingg Papicament on S2h Ave Mahaska Ca S50.00 S50.00 H	Bridge Replacement on 210th St	Van Buren Co	\$425,000	\$425,000	HBP	2024
binding explanement on 380h S Wapelio C 3800.00 180P 2024 binding explanement on 530h S 5.000.00 180P 2024 binding explanement on 184 biteryulle Rd ////////////////////////////////////	Bridge Replacement on 240th Ave	Wapello Co	\$600,000	\$600,000	HBP	2024
binging paperament on X00h S1 Wapello Co S100,000 HBP 2024 Bridge Paperament on K3D betrynler Alefforson CO S2,000 S1,00,000 HBP 2024 Bridge Paperament on K3D betrynler Malasa Co S0,000 S1,00,000 HBP 2024 Bridge Paperament on K3D hat Ave Malasa Co S80,000 S80,000 HBP 2025 Bridge Paperament on Kab hat Ave Van Buren Co S80,000 S80,000 HBP 2025 Bridge Paperament on Kab hat Ave Van Buren Co S80,000 S80,000 HBP 2025 Bridge Paperament on Kab hat Ave Wapello Co S80,000 S80,000 HBP 2025 Bridge Paperament on Kab hat Ave Mahasa Co S30,000 HBP 2025 Bridge Paperament on TAb Mahasa Co S30,000 HBP 2025 Bridge Paperament on SBh Ave Wapello Co S70,000 HBP 2025 Bridge Paperament on SBh Ave Wapello Ca S30,000 HBP 2025 Bridge Paperament on SBh Ave Wapello Ca	Bridge Replacement on 180th St	Wapello Co	\$800,000	\$800,000	HBP	2024
single pelgement on H43 Lbertynile H4Lefferson Co52,300,0051,300,00H8P2024bingle pelgement on Lak B4Mahaska Co51,000,00H8P2024bingle pelgement on C32 and verification M4Wapello Co51,000,00H8P2025bingle pelgement on C32 and verification M4Wapello Co500,000900,00H8P2025bingle pelgement on S5M B4Van buren Co500,000900,000H8P2025bingle pelgement on Kchland M4Van buren Co500,000900,000H8P2025bingle pelgement on S2M M4Makska Co500,00091,000,00H8P2025bingle pelgement on S3M M4Makska Co500,00051,000,00H8P2026bingle pelgement on S3M M4Makska Co51,000,0051,000,00H8P2026bingle pelgement on S3M M4Makska Co51,000,00H8P2026bingle pelgement on S3M M4<	Bridge Replacement on 160th St	Wapello Co	\$1,000,000	\$1,000,000	HBP	2024
infige Replacement on G23 and overfloor bridge Hainsa Co St.0000 HBP 2024 Bridge Replacement on Lisk Mid Melansa Co SS0.000 HBP 2025 Bridge Replacement on S15 Mid Van Buren Co SS0.000 HBP 2025 Bridge Replacement on Ribhar Ad Van Buren Co SS0.000 HBP 2025 Bridge Replacement on Ribhar Ad Wan Buren Co SS0.000 HBP 2025 Bridge Replacement on Ribhar Ad Melansa Co SS0.000 HBP 2025 Bridge Replacement on TO Melansa Co SS0.000 HBP 2025 Bridge Replacement on Stoh Ave Melansa Co SS0.000 HBP 2026 Bridge Replacement on Stoh Ave Melansa Co SS0.000 SS0.000 HBP 2026 Bridge Replacement on Stoh Ave Melansa Co SS0.000 SS0.000 HBP 2027 Bridge Replacement on Stoh Ave Melansa Co SS0.000 SS0.000 HBP 2027 Bridge Replacement on Stoh Ave Melansa Co SS0.000 HBP 2027 </td <td>Bridge Replacement on H43 Libertyville Rd</td> <td>Jefferson Co</td> <td>\$2,500,000</td> <td>\$2,100,000</td> <td>HBP</td> <td>2024</td>	Bridge Replacement on H43 Libertyville Rd	Jefferson Co	\$2,500,000	\$2,100,000	HBP	2024
Bridge Replacement on Lake Ind Margelin Co. S1.00,000 HBP 2024 Bridge Replacement on GIS Mahaka Co. S80.000 S80.000 HBP 2025 Bridge Replacement on Abbin Aw Van Buren Co. S50.000 S80.000 HBP 2025 Bridge Replacement on Nbbin Aw Wapelio Co. S80.000 HBP 2025 Bridge Replacement CS on 2004 Ave Wapelio Co. S80.000 HBP 2025 Bridge Replacement CS on 2004 Ave Mahaka Co. S1.00,000 HBP 2026 Bridge Replacement on 132h Mahaka Co. S1.00,000 HBP 2026 Bridge Replacement on 132h Mahaka Co. S1.00,000 HBP 2026 Bridge Replacement on 132h Wapelio Co. S7.00,000 HBP 2026 Bridge Replacement on 132h Mahaka Co. S1.00,000 S1.00,000 HBP 2026 Bridge Replacement on 132h Mahaka Co. S1.00,000 HBP 2027 Bridge Replacement on 132h Mahaka Co. S1.00,000 HBP 2027	Bridge Replacement on G29 and overflow bridge	Mahaska Co	\$4,000,000	\$4,000,000	HBP	2024
Bridge papelacement on G15 Membasia CO S80,000 H89 2025 Bridge Replacement on A25th A4 Van Buren CO 550,000 560,000 H89 2025 Bridge Replacement on Richland Ad Wan Buren CO 550,000 560,000 H89 2025 Bridge Replacement OCS on D01h Are Wagello CO 550,000 H89 2025 Bridge Replacement on Richland Ad Wagello CO 550,000 H89 2025 Bridge Replacement on D17 Mabasia CO 550,000 H89 2025 Bridge Replacement on D13 Mabasia CO 510,000 H89 2026 Bridge Replacement on D13 Mabasia CO 510,000 H89 2026 Bridge Replacement on D14 Wagello CO 570,000 H89 2027 Bridge Replacement on D35 Mabasia CO 590,000 H89 2027 Bridge Replacement on D35 Mabasia CO 590,000 H89 2027 Bridge Replacement on D35 Mabasia CO 590,000 H89 2027 Bridge Replacement OS5 M	Bridge Replacement on Lake Rd	Wapello Co	\$1,100,000	\$1,100,000	HBP	2024
single pathement on 23th Rd Yan Buren Co S000,000 HHP 2025 Bridge Replacement on Robin Are Yan Buren Co S000,000 HHP 2025 Bridge Replacement on Robin Are Wapello Co S500,000 HHP 2025 Bridge Replacement on TO7 Mahaska Co S500,000 S500,000 HHP 2025 Bridge Replacement on 125th Are Keokuk Co S100,000 S100,000 HHP 2026 Bridge Replacement on 125th Are Keokuk Co S100,000 S100,000 HHP 2026 Bridge Replacement on 125th Are Wapello Co S1,000,00 S1,000,00 HHP 2026 Bridge Replacement on 125th Are Wapello Co S1,000,00 HHP 2026 Bridge Replacement on 125th Are Wapello Co S1,000,00 HHP 2026 Bridge Replacement on 125th Are Wapello Co S1,000,00 HHP 2027 Bridge Replacement on 125th Are Wapello Co S1,000,00 HHP 2027 Bridge Replacement on 125th Are Wapello Co S1,000,00 HH	Bridge replacement on G15	Mahaska Co	\$800,000	\$800,000	HBP	2025
Bridge Replacement on Richland Nave Yan Buren Co S800,000 S800,000 HHP 2025 Bridge Replacement CCS on 200h Ave Wapello Co S800,000 HHP 2025 Bridge Replacement on Richland Ma Manbalko Co S800,000 HHP 2025 Bridge Replacement on T67 Mahasko Co S100,000 HHP 2026 Bridge Replacement on T61 Mahasko Co S1,000,000 HHP 2026 Bridge Replacement on T61 Mahasko Co S1,000,000 HHP 2026 Bridge Replacement on T61 Mahasko Co S1,000,000 HHP 2026 Bridge Replacement on T61 Mahasko Co S1,000,000 HHP 2027 Bridge Replacement on C39 Mahasko Co S1,000,000 HHP 2027 Bridge Replacement on C39 Mahasko Co S1,000,000 HHP 2027 Bridge Replacement on S03 Mahasko Co S1,000,000 HHP 2027 Bridge Replacement on S03 Mahasko Co S1,000,000 HHP 2027 Bridge Replacement ON S03	Bridge Replacement on 235th Rd	Van Buren Co	\$600,000	\$600,000	HBP	2025
airdige Replacement on Richand adWapello CoS800,000S800,000HBP2025Bridge Replacement on TG7Mahaska CoS500,000S800,000HBP2025Bridge Replacement on D32th AveKeoku CoS100,000S100,000HBP2026Bridge Replacement on G33Mahaska CoS120,000S100,000HBP2026Bridge Replacement on 10th AveWapello CoS120,000S120,000HBP2026Bridge Replacement on 10th AveWapello CoS120,000S120,000HBP2026Bridge Replacement on 130th AveWapello CoS120,000S120,000HBP2026Bridge Replacement on 130th AveWapello CoS325,000HBP2027Bridge Replacement on G39HBP2027S120,000HBP2027Bridge Replacement on 130th S1Van BurchS100,000S100,000HBP2027Bridge Replacement on 130th S1Van BurchS100,000S100,000HBP2027Bridge Replacement on 130th S1Van BurchS100,000S100,000HBP2027Bridge Replacement on 130th S1Mahaska CoS300,000S100,000HBP2027Bridge Replacement on 30th S1Mahaska CoS300,000S100,000HBP2027Bridge Replacement on 30th S1Mahaska CoS300,000S100,000HBP2027Bridge Replacement on 30th S1Mahaska CoS300,000S100,000HBP2027Bridge Replacement on S30th S1Mahaska CoS	Bridge Replacement on Robin Ave	Van Buren Co	\$600,000	\$600,000	HBP	2025
Bridge Replacement-CCS on 20th AveWapello CoSection	Bridge Replacement on Richland Rd	Wapello Co	\$800,000	\$800,000	HBP	2025
Bridge Replacement on TS7 Mehaska Co S800,000 HBP 2025 Bridge Replacement on 328h Ave Kcoku Co S1,000,000 S1,000,000 HBP 2026 Bridge Replacement on 133h Ave Mehaska Co S1,000,000 S1,000,000 HBP 2026 Bridge Replacement on 130h Ave Wapello Co S1,200,000 S1,200,000 HBP 2026 Bridge Replacement on 130h Ave Wapello Co S1,200,000 S1,200,000 HBP 2026 Bridge Replacement on 130h Ave Wapello Co S1,200,000 S1,200,000 HBP 2027 Bridge Replacement on 130h Ne Van Buren Co S750,000 S750,000 HBP 2027 Bridge Replacement on 130h S1 Van Buren Co S5,200,000 HBP 2027 Bridge Replacement C, CS on CST Mehaska Co S1,000,000 S1,000,000 HBP 2027 Bridge Replacement C, S0 on ST Mehaska Co S1,000,000 S1,000,000 HBP 2027 Bridge Replacement C, S0 on ST Mehaska Co S1,000,000 LIL 2025	Bridge Replacement-CCS on 200th Ave	Wapello Co	\$650,000	\$650,000	HBP	2025
Bridge Replacement on 23B AveKrokuk Co\$1.00.000\$1.00.000\$1.00.000HBP2026Bridge Replacement on G13Wapello Co\$7.00.00\$1.00.000HBP2026Bridge Replacement on V14Wapello Co\$7.00.00\$1.00.000HBP2026Bridge Replacement on V14Wapello Co\$7.00.00\$1.00.000HBP2026Bridge Replacement on 2010 AveWapello Co\$7.00.00\$1.00.000HBP2026Bridge Replacement on C39Mahaska Co\$3.00.000S1.00.000HBP2027Bridge Replacement on G39Mahaska Co\$5.00.000\$5.00.000HBP2027Bridge Replacement on G39Mahaska Co\$5.00.000S5.00.000HBP2027Bridge Replacement on S015 StJarferson Co\$2.00.000HBP2027Bridge Replacement on S03St.00.000S5.00.000HBP2027Bridge Replacement On S03 StJarferson Co\$3.00.000HBP2027Bridge Replacement - CS on G5TMahaska Co\$3.00.000LL2025Bridge Replacement - PCG on G53S5.00.000LL20252025Bridge Replacement - PCG on G53Mahaska Co\$3.00.000LL2025Bridge Replacement - PCG on G54Mahaska Co\$3.00.000LL2025Bridge Replacement - PCG on G54Mahaska Co\$3.00.000LL2025Bridge Replacement - PCG on G54Mahaska Co\$3.00.000LLLL2025Bridge Replacement - PCG on G54 <td>Bridge Replacement on T67</td> <td>Mahaska Co</td> <td>\$800,000</td> <td>\$800,000</td> <td>HBP</td> <td>2025</td>	Bridge Replacement on T67	Mahaska Co	\$800,000	\$800,000	HBP	2025
Bridge Replacement on 1313 Mahasko 0 \$1,000,000 HBP 2026 Bridge Replacement on 13101 Ava Wapello Co \$1,000,000 HBP 2026 Bridge Replacement on 13001 Ava Wapello Co \$1,000,000 HBP 2026 Bridge Replacement on 13001 Ava Wapello Co \$1,000,000 HBP 2026 Bridge Replacement on 13001 Ava HBP 2026 51,000,000 HBP 2027 Bridge Replacement on 13001 St Wapello Co \$2,000,000 HBP 2027 Bridge Replacement on 13001 St Wapello Co \$2,000,000 HBP 2027 Bridge Replacement on 1301 St Wapello Co \$2,000,000 HBP 2027 Bridge Replacement on 1301 St Wapello Co \$3,000,000 HBP 2027 Bridge Replacement on 1301 St Mahaska Co \$3,000,000 HBP 2027 Bridge Replacement on 1302 St Mahaska Co \$3,000,000 HLL 2027 Bridge Replacement on 1302 St Mahaska Co \$3,000,000 HBP 2026 Bridge Replacement on	Bridge Replacement on 328th Ave	Keokuk Co	\$1,000,000	\$1,000,000	HBP	2026
Bridge Replacement on X41 Wapello Co \$1,20,000 \$1,20,000 HBP 2006 Bridge Replacement on X41 Wapello Co \$5,0000 HBP 2006 Bridge Replacement on X41 Wapello Co \$5,0000 HBP 2006 Bridge Replacement on G29 Mahaska Co \$1,00000 HBP 2007 Bridge Replacement on S80 Mahaska Co \$20,000 \$5,0000 HBP 2027 Bridge Replacement on S80 Wan Buren Co \$2,0000 \$1,0000 HBP 2027 Bridge Replacement on S80 Wan Buren Co \$2,0000 \$2,0000 HBP 2027 Bridge Replacement CS Son GS1 Mahaska Co \$2,0000 \$1,0000 HBP 2027 HAR restraining (roligitudiani Subdrains on H43 Jefferson Co \$5,00000 ILL 2025 HAR restraining (roligitudiani Subdrains, HMA paved shoulder - new guardrail on V63 and Hapello Co \$3,0000 ILL 2027 Perker MC Corestav Kostava Co \$3,0000 ILL 2027 Bridge Replacement - PCG on 25h St Wapello Co	Bridge Replacemetn on G13	Mahaska Co	\$1,000,000	\$1,000,000	HBP	2026
Bridge Replacement on 19810 Ava Yangelio Co \$700,000 HBP 2005 Bridge Replacement on 19800 Ava Yangelio Co \$1,000,000 HBP 2005 Bridge Replacement on 590 Mahaska Co \$500,000 S800,000 HBP 2007 Bridge Replacement on S05 Mahaska Co \$500,000 S800,000 HBP 2027 Bridge Replacement on S05 Mahaska Co \$500,000 S800,000 HBP 2027 Bridge Replacement on S05 Sindon,000 HBP 2027 3000 HBP 2027 Bridge Replacement on S05 Sindon,000 HBP 2027 3000 HBP 2027 Bridge Replacement on S05 Sindon,000 HBP 2027 3000 HBP 2027 Bridge Replacement on S05 Sindon,000 ILL 2027 30000 ILL 2027 Bridge Replacement on S05 Sindon,000 ILL 2027 30000 ILL 2027 Bridge Replacement -PCG on S300 ILL 2027 30000 ILL 2027 </td <td>Bridge Replacement on 110th Ave</td> <td>Wapello Co</td> <td>\$1,200,000</td> <td>\$1,200,000</td> <td>HBP</td> <td>2026</td>	Bridge Replacement on 110th Ave	Wapello Co	\$1,200,000	\$1,200,000	HBP	2026
Bridge Replacement on G2P Wapello Ca 51,200,000 HHP 2006 Bridge Replacement on G2P Mahaska Co 5120,000 SU00,000 HHP 2007 Bridge Replacement on G59 Mahaska Co 5030,000 SS00,000 HBP 2027 Bridge Replacement on S95 Mahaska Co SS00,000 HBP 2027 Bridge Replacement on S90 Mahaska Co SS00,000 HBP 2027 Bridge Replacement CS on S01 Mahaska Co SS00,000 HBP 2027 Bridge Replacement CS on S01 Mahaska Co SS00,000 HIL 2027 HMA resurfacing/fordin-Inizer explaines on H43 Wapello Co SS.00,000 ILL 2027 HMA resurfacing/fordin-Inizer explaines of tracks to HWY 34 Wapello Co SS.00,000 ILL 2027 Proce Correlar- unbinded on G59 and Highwa 153 GS SS.00,000 ILL 2027 Bridge Replacement - PCD s3th St Wapello Co SS.00,000 ILL 2027 Paye- Bridge Nex, Grading NW Paysa of Oskaloosa SY07,0100 SS.20,000 ILL	Bridge Replacemetn on V41	Wapello Co	\$700,000	\$700,000	HBP	2026
Bridge Replacement on C2P Mahasko O \$1,000,000 HIPP 2026 Bridge Replacement on C3P Mahaska Co \$300,000 \$300,000 HBP 2027 Bridge Replacement on C3P Mahaska Co \$300,000 \$300,000 HBP 2027 Bridge Replacement on M30 Lefferson Co \$52,000,000 HBP 2027 Bridge Replacement on V30 Lefferson Co \$5,000,000 HBP 2027 Bridge Replacement on S05 Mahaska Co \$5,000,000 HBP 2027 Bridge Replacement on S05 Stoms, MMA resurfacing, Jongtudinal Subdrains on H43 Use Son,0000 ILL 2027 MAR resurfacing, Jongtudinal Subdrains, MMA pated shoulder - new guardrail on V53 and Makato Son,0000 ILL 2027 Proc. Strafter, Proc. Strafter, MMA patching, Incongrutulan Subdrains, MMA pated shoulder - new guardrail on V53 and Makato Son,0000 ILL 2027 Proc. Strafter, Proc. Strafter, MMA patching, Incongrutulan Subdrains, MMA pated shoulder - new guardrail on V53 and Yangato Son,0000 ILL 2027 Proc. Strafter, Proc. Strafter, MMA patching, Incongrutulan Subdrains, MMA pated Son, S000,000 ILL 2027 Strafter, Proc. Str	Bridge Replacement on 180th Ave	Wapello Co	\$1,200,000	\$1,200,000	HBP	2026
Bindge Rehabilitation on Camation Bind Jeffers Con Stat, 2000 Stat, 2000 HHP 2027 Bindge Replacement on S90 Mahaska Co S800,000 HHP 2027 Bindge Replacement on 180h S1 Van Buren Co S750,000 S750,000 HHP 2027 Bindge Replacement Or V30 Stat, 000,000 HHP 2027 Bindge Replacement Or S03 Stat, 000,000 HHP 2027 Bindge Replacement Or S03 Stat, 000,000 HHP 2027 HMA resurfacing, Cold-in-place recycling on T61 from CP Railroad Tracks to HWY 34 Wapello Co Sta00,000 ILL 2025 HMA resurfacing, IMAA patching, Longitudian subdrams, HMA paved shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved Shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved Shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved Shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved Shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved Shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved Shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved Shoulder - new guardrail on V53 and Patching, Longitudian Subdrams, HMA paved Shoulder - new guardrail NMA Shaus Co Stat, 2000 <	Bridge Replacement on G29	Mahaska Co	\$1,000,000	\$1,000,000	HBP	2026
Bindge Replacement on S99 Mehasia Co S90,000 S90,000 HHP 2027 Bindge Replacement on S03 S750,000 HHP 2027 Bindge Replacement on S03 S2,100,000 S2,100,000 HHP 2027 Bindge Replacement on S03 S1,000,000 S1,000,000 HHP 2027 Bindge Replacement on S03 S0,000,000 HHP 2027 HMA resurfacing, Longitudinal Subdrains on H43 Wahasia Co S3,000,000 HLL 2025 HMA resurfacing, Indha patcher, Longitudinal Subdrains on H43 Wapello Co S3,800,000 ILL 2027 Midna resurfacing, Indha patcher, Longitudinal Subdrains , HMA patchin, Longi	Bridge Rehabilitation on Carnation Blvd	Jefferson Co	\$325,000	\$325,000	HBP	2027
Bridge Replacement on SUBh St Van Bren Co. S750,000 HBP 2027 Bridge Replacement on W30 Iefferson Co. S2,100,000 S2,100,000 HBP 2027 Bridge Replacement on W30 Mahaska Co. S1,000,000 S1,000,000 HBP 2027 Bridge Replacement -CS on GST Mahaska Co. S1,000,000 HLL 2025 HMA resurfacing/coli-in-place recycling on TG1 from CP Railroad Tracks to HWY 34 Wapelio Co. S3,800,000 ILL 2027 PCC Overaly - unhonded on G3 and Highway 150 Mahaska Co. S3,000 ILL 2027 Pave, Bridge Meyns of Oscioosa Vapelio Co. S10,000,000 ILL 2027 Pave, Bridge Meyns of Oscioosa Vapelio Co. S10,000,000 ILL 2027 Pave, Bridge Meyns of Oscioosa Vapelio Co. S10,000,000 S52,01,400 NHPP 2025-2027 Pave End BWK, Grading MW Syns of Osciolosa Vapelio Co. S10,000,000 PRF 2025 Bridge Bech Coverlay on IA 92 Keckuk Co. S712,000 PRF 2025 Bridge Meynament on LI 419 approxim	Bridge Replacement on G59	Mahaska Co	\$800,000	\$800,000	HBP	2027
Bridge Replacement on W30 HBP 2027 Bridge Replacement on W30 HBP 2027 Bridge Replacement OCS on GST Mahaska Co \$1,000,000 HBP 2027 Bridge Replacement OCS on GST Jefferson Co \$5,500,000 ILL 2025 HMA resurfacing/cold-in-place recycling on TGI from CP Railroad Tracks to HW7 34 Wapello Co \$5,300,000 ILL 2027 Bridge Replacement - PCB on G3B and Highway 163 Mahaska Co \$5,000,000 ILL 2027 Bridge Replacement - PCB on G3B and Highway 163 Wapello Co \$51,000,000 ILL 2027 Pave, Bridge New, Grading NW Bypass of Oskaloosa S0slaoosa \$50,210,400 NHPP 2025-2027 Pave met Rehab on US G3 for NW Oskaloosa Bypass Oskaloosa \$58,000 PRF 2025 Solge Improvement on IA 143 Byparoximately 0.24 mis of N Court St in Ottumwa Ottumwa \$581,000 PRF 2025 Bridge EAC Overlay on IA 92 Keokuk Co \$531,000 PRF 2026 Grade and Pave on Bluff Creek OHV Park, 1625 325h St Mahaska Co \$138,500 S110,800 RTP	Bridge Replacement on 180th St	Van Buren Co	\$750,000	\$750,000	HBP	2027
Bridge Replacemeth-CCS on GST Mah assta Co \$1,000,000 \$1,000,000 HBP 2027 MMA resurfacing. Longitudinal Subdrams, HMA paved shoulder - new guardrail on V63 and HMA resurfacing. HMA pathing, Iongitudian Subdrams, HMA paved shoulder - new guardrail on V63 and HMA resurfacing. HMA pathing, Iongitudian Subdrams, HMA paved shoulder - new guardrail on V63 and Highway 163 Mahaska Co \$3,000,000 ILL 2027 PCC Overlay - unbonded on G39 and Highway 163 Mahaska Co \$3,000,000 ILL 2027 Pave, Bridge New, Grading NW Bypass of Oskaloosa Soskaloosa \$70,023,000 S56,210,400 NHPP 2025-2027 Pavement Rehalon on US 63 Or NW Oskaloosa Bypass Oskaloosa \$70,203,000 S56,210,400 NHPP 2025 Slope beck Overlay on IA 92 Keokuk Co \$71,000 PRF 2025 Slope beck Overlay on IA 92 Keokuk Co \$531,000 PRF 2026 Grade and Pave on Bluf Creek OHV Park, parking lot construction 1625 325th St Mahaska Co \$331,000 RTP 2024 Bridge Rehabilitation on US 34 RNSF RR 1.26 of Wict US 63 in Ottumwa Ottumwa \$34,07,000 \$32,85,600 STBG 2024 Bridge Rehabilitation on	Bridge Replacement on W30	Jefferson Co	\$2,100,000	\$2,100,000	HBP	2027
NMA resurfacing. Longitudinal Subdrains on H43 Jefferson Co \$5,90,000 ILL 2025 MMA resurfacing/cold-in-place recycling on T61 from CP Railroad Tracks to HWY 4 Wapello Co \$3,500,000 ILL 2025 MMA resurfacing/cold-in-place recycling on T61 from CP Railroad Tracks to HWY 4 Wapello Co \$3,000,000 ILL 2027 Proc. Overlay - unbonded on G39 and Highway 163 Mahaska Co \$3,000,000 ILL 2027 Pave, Bridge New, Grading NW Bypass of Oskaloosa Oskaloosa \$70,263,000 \$66,21,400 NHPP 2025-2027 Pave, Bridge New, Grading NW Bypass of Oskaloosa Bypass Oskaloosa \$71,200 PRF 2025 Bridge Deck Overlay on IA 92 Keokuk Co \$71,200 PRF 2025 Wetland Mitgation on US 63 for NW Oskaloosa Bypass Otskaloosa \$480,000 PRF 2025 Bridge Beplacement on IA 149 approximately 0.24 mis of N Court 5t in Ottumwa Ottumwa \$161,000 PRF 2024 Bridge Replacement over Bluff Creek OHV Park, 1625 325th St Mahaska Co \$33,000 \$110,800 PRF 2024 Bridge Replacition on US 34 BRK R1 2.E of W Ltt US 63	Bridge Replacemetn-CCS on G5T	Mahaska Co	\$1,000,000	\$1,000,000	HBP	2027
HMA resurfacing/cold-in-place recycling on T61 from CP Railroad Tracks to HWY 34 Wapello Co \$3, \$30,000 ILL 2025 HMA resurfacing, HMA patching, longitudiani subdrams, HMA paved shoulder - new guardrail on V63 and P Jefferson Co \$8,800,000 ILL 2027 PCC Overlay - unbonded on G39 and Highway 163 Mahaska Co \$3,000,000 ILL 2027 Pave, Bridge Nypass of Oskaloosa Oskaloosa \$70,263,000 \$56,210,400 NHPP 2025 Pave, Bridge Nypass of Oskaloosa Mahaska Co \$39,000 PRF 2024 Bridge Deck Overlay on IA 92 Keokuk Co \$71,200 PRF 2025 Slope Improvement on IA 149 approximately 0.24 mi S of Nourt St in Ottumwa Otkumwa \$160,000 PRF 2026 Grade and Pave on Bluff Creek OHV Park, 1625 325th St Mahaska Co \$237,270 \$189,865 RTP 2024 Bridge Deck Overlay on IA 2 Mahaska Co \$240,000 \$27,730 \$189,865 RTP 2024 Grade and Pave on Bluff Creek OHV Park, 1625 325th St Mahaska Co \$138,000 \$110,800 RTP 2024 Bridge Behabilitatio	HMA resurfacing, Longitudinal Subdrains on H43	Jefferson Co	\$5,900,000		ILL	2025
HMA resurfacing, HMA patching, longitudiani subdrams, HMA paved shoulder - new guardrail on V63 and P Jefferson Co \$\$8,800,000 ILL 2027 PCC Overlay - unbonded on G39 and Highway 163 Wapello Co \$3,000,000 ILL 2027 Bridge Replacement - PPCG on S15h St Wapello Co \$3,000,000 S56,210,400 NHPP 2025-2027 Pave, Bridge New, Grading NW Bypass of Oskaloosa Wapello and Mahaska Co \$939,000 PRF 2025 Bridge Deck Overlay on IA 92 Keokuk Co \$51,000 PRF 2025 Stope Improvement On IA 149 approximately 0.24 mis of N Court St in Ottumwa Ottumwa \$180,000 PRF 2025 Bridge Deck Overlay on IA 92 Keokuk Co \$531,000 PRF 2026 Grade and Pave on Bluff Creek OHV Park, IG52 S32th St Mahaska Co \$480,000 \$285,560 RTP 2024 Buildinge neplacement over Bluff Creek OHV Park, IG52 S32th St Mahaska Co \$143,200 \$3,285,600 STB6 2024 Buildinge neplacement over Bluff Creek OHV Park, IG52 S32th St Mahaska Co \$143,200 \$3,285,600 STB6 2024 Bridge Reha	HMA resurfacing/cold-in-place recycling on T61 from CP Railroad Tracks to HWY 34	Wapello Co	\$3,500,000		ILL	2025
PCC Overlay - unbonded on G39 and Highway 163 Mahaska Co \$3,000,000 IIL 2027 Bridge Replacement - PPCB on 25th St Wapello Co \$10,000,000 IIL 2027 Pave, Bridge New, Grading NW Bypass of Oskaloosa Oskaloosa 70,263,000 \$56,210,400 PRF 2025- Pavement Rehab on US 63 0.7 mi N of Eddyville Rd Wapello and Mahaska Co \$939,000 PRF 2025- Metdand Mitigation on US 63 for NW Oskaloosa Bypass Oskaloosa \$480,000 PRF 2025- Slope Improvement on IA 149 approximately 0.24 mi S of N Court St in Ottumwa Clouwer Statu Keckuk Co \$531,000 RTP 2026- Grade and Pave on Bluff Creek OHV Park, 1625 325th St Mahaska Co \$538,000 RTP 2024 Bridge Rechabilitation on US 34 BNSF RR 1.2 E of W Jct US 63 in Ottumwa Mahaska Co \$328,5500 STID 62 2024 Bridge Rechabilitation on L3 Fox River Mahaska Co \$328,500 STID 62 2024 Bridge Rechabilitation on L3 Fox River Van Buren Co \$1,250,000 \$1,250,000 STRG 2024 Bridge Rehabilitation on L3 Fox River Va	HMA resurfacing, HMA patching, longitudianl subdrams, HMA payed shoulder - new guardrail on V63 and H	Jefferson Co	\$8,800,000		ILL	2027
Bridge Replacement - PPCB on 25th St Wapello Co \$10,000,000 ILL 2027 Pave, Bridge New, Grading NW Bypass of Oskaloosa S70,263,000 \$56,210,400 NHPP 2025-2027 Pavement Rehabilitation on US 63 for NW Oskaloosa Bypass Galand Mahaska Co \$939,000 PRF 2025 Stope Improvement on IA 193 opproximately 0.24 mi S of N Court St in Ottumwa Ottumwa \$160,000 PRF 2025 Bridge Deck Overlay on IA 92 Keokuk Co \$531,000 PRF 2026 Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th St Mahaska Co \$237,270 S189,816 RTP 2024 Bridge Rehabilitation on US 480K SR N.2 C BV LU US 53 in Ottumwa Ottumwa \$3,442,000 \$2,753,600 STBG 2024 Bridge Rehabilitation on US 480K SR N.2 C BV LU US 53 in Ottumwa Ottumwa \$3,442,000 \$2,753,600 STBG 2024 Bridge Rehabilitation on US 480K SR N.2 C BV LU US 53 in Ottumwa Ottumwa \$3,442,000 \$3,245,000 \$12,000 STBG 2024 Bridge Rehabilitation on US 480K SR N.2 C DK oft T61 Wapello Co \$1,24,000 \$2,219,000 <td< td=""><td>PCC Overlay - unbonded on G39 and Highway 163</td><td>Mahaska Co</td><td>\$3,000,000</td><td></td><td>ILL</td><td>2027</td></td<>	PCC Overlay - unbonded on G39 and Highway 163	Mahaska Co	\$3,000,000		ILL	2027
Pave, Bridge New, Grading NW Bypass of Oskaloosa Oskaloosa \$70,263,000 \$56,210,400 NHPP 2025-2027 Pavement Rehab on US 63 0.7 mi N of Eddyville Rd Wapello and Mahaska Co \$939,000 PRF 2025 Midge Deck Overlay on IA 92 Keokuk Co \$712,000 PRF 2025 Wetland Mitigation on US 63 for NW Oskaloosa Bypass Oskaloosa \$480,000 PRF 2025 Slope Improvement on IA 149 approximately 0.24 mi S of N Court St in Ottumwa Ottumwa \$160,000 PRF 2026 Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th St Mahaska Co \$323,000 S128,800 RTP 2024 Bridge Beck Over Park, 1252 35th St Mahaska Co \$328,600 \$318,800 RTP 2024 Bridge Rehabilitation on US 34 BNSF RR 1.2 E of W Jct US 63 in Ottumwa Ottumwa \$4,40,000 \$2,73,800 STBG 2024 Right of Way on L 349 Des Moines River Bridge Ottumwa \$4,107,000 \$2,255,600 STBG 2024 Right of Way on IA 21 Cedar Creek Old TE1 Wapello Co \$3,27,000 \$2,256,5000 STBG 2025	Bridge Replacement - PPCB on 25th St	Wapello Co	\$10,000,000		ILL	2027
Pavement Rehab on US 63 0.7 ml N of Eddyville RdWapello and Mahaska Co\$939,000PRF2024Bridge Deck Overlay on IA 92Keokuk Co\$712,000PRF2025Wettand Mitigation on US 63 for NW Oskaloosa BypassOskaloosa\$484,000PRF2025Slope Improvement on IA 149 approximately 0.24 ml S of N Court St in OttumwaOttumwa\$160,000PRF2025Bridge Deck Overlay on IA 92Keokuk Co\$531,000PRF2026Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th StMahaska Co\$232,720\$189,816RTP2024Bridge Replacement over Bluff Creek OHV Park, 1625 325th StMahaska Co\$408,200\$326,560RTP2024Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$408,200\$3,753,600STBG2024Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$408,200\$3,753,600STBG2024Bridge Rehabilitation on US 34 BNSF RR 1.2 f of W Lt US G3 in OttumwaOttumwa\$4,407,000\$3,285,600STBG2024Right of Way on IA 149 Des Moines River BridgeOttumwa\$4,407,000\$3,285,600STBG2024New Bridge Rehabilitation on US 34 BNSF RR 1.2 f of W Lt US G3 in OttumwaWapello Co\$3,307,000\$3,285,600STBG2025New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61Wapello Co\$1,500,000\$1,200,000STBG2025New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92Keokuk Co\$4,608,000\$3,666,400ST	Pave, Bridge New, Grading NW Bypass of Oskaloosa	Oskaloosa	\$70,263,000	\$56,210,400	NHPP	2025-2027
Bridge Deck Overlay on IA 92Keokuk Co\$712,000PRF2025Wetland Mitigation on US 63 for NW Oskaloosa BypassOskaloosa\$480,000PRF2025Bridge Deck Overlay on IA 92Keokuk Co\$531,000PRF2026Grade and Pave on Bluff Creek OHV Park, jarking lot construction 1625 325th StMahaska Co\$232,727\$189,816RTP2024Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$348,000\$232,560RTP2024Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$138,500\$110,800RTP2024Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$138,500\$110,800RTP2024Bridge Replacement over Blum Greek OHV Park, 1625 325th StMahaska Co\$138,500\$110,800RTP2024Bridge Replacement over Blum Greek OHV Park, 1625 325th StMahaska Co\$138,500\$110,800RTP2024Bridge Replacement over Blum Greek OHV Park, 1625 325th StMahaska Co\$138,500\$110,800RTP2024Bridge Replacing on US 14 80EX Braines River BridgeOttumwa\$3,442,000\$2,73,800\$TBG2024Bridge Replacing on LA 149 DEX Brokenes River BridgeVan Buren Co\$1,524,000\$1,219,200\$TBG2025Bridge Replace Represent on T61Wapello Co\$1,500,000\$1,200,000\$TBG2025New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92Keokuk Co\$4,608,000\$3,886,600\$TBG2026New Bridge and Right	Pavement Rehab on US 63 0.7 mi N of Eddyville Rd	Wapello and Mahaska Co	\$939.000		PRF	2024
Wetland Mitigation on US 63 for NW Oskaloosa BypassOskaloosa\$480,000PRF2025Slope Improvement on IA 149 approximately 0.24 mi S of N Court St in OttumwaOttumwa\$160,000PRF2025Bridge Deck Overlay on IA 92Keokuk Co\$531,000PRF2026Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th StMahaska Co\$237,270\$189,816RTP2024Bridge Replacement over Bluff Creek OHV Park, 1625 325th StMahaska Co\$348,500\$312,550RTP2024Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$138,500\$110,800RTP2024Bridge Rehabilitation on US 34 BNSF RR 1.2 for W Jrt US 63 in OttumwaOttumwa\$3,42,000\$2,753,600STBG2024Bridge Rehabilitation on IA 2 Fox RiverSol Shout US 63 and US 84 SUR Avery Creek 0.7 mi E of Co Rd T61Wapello Co\$3,207,000\$1,200,000STBG2025HMA Resurfacing/cold-in-place recycling on T67Wapello Co\$1,500,000\$1,200,000STBG2025HMA Resurfacing/cold-in-place recycling on T61Wapello Co\$1,500,000\$1,200,000STBG2026New Bridge and Right of Way on IA 21 Carcreek 1.1 mi N of IA 92Keokuk Co\$4,608,000\$3,866,400STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$1,737,000\$1,389,600STBG2026HMA Resurfacing with milling on G29Mahaska Co\$1,960,000\$2,800,000STBG2026Bridge Deck Overlay on IA 16Wapello Co\$1,9	Bridge Deck Overlay on IA 92	Keokuk Co	\$712,000		PRF	2025
Slope Improvement on IA 149 approximately 0.24 mi S of N Court St in OttumwaOttumwa\$160,000PRF2025Bridge Deck Overlay on IA 92Keokuk Co\$331,000PRF2026Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th StMahaska Co\$327,270\$189,816RTP2024Bridge Replacement over Bluff Creek OHV Park, 1625 325th StMahaska Co\$138,800\$110,800RTP2024Bridge Rehabilitation on US 34 BNSF RR 1.2 E of W Jct US 63 in OttumwaOttumwa\$3,442,000\$2,733,600STBG2024Bridge Rehabilitation on LS 2 Fox RiverVan Buren Co\$1,52,000\$2,255,600STBG2024Bridge Rehabilitation on LS 2 Fox RiverVan Buren Co\$1,52,000\$2,255,600STBG2024New Bridge US 45 South Avery Creek 0.7 mi E of Co Rd T61Wapello Co\$1,500,000\$1,200,000STBG2025HMA resurfacing/cold-in-place recycling on T61Wapello Co\$1,500,000\$1,200,000STBG2025New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92Keokuk Co\$4,608,000\$3,686,400STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$1,779,000\$1,389,600STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$2,600,000\$1,389,000STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$2,737,000\$1,389,600STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$2,737,000\$1,389,600ST	Wetland Mitigation on US 63 for NW Oskaloosa Bypass	Oskaloosa	\$480,000		PRF	2025
Bridge Deck Overlay on IA 92 Keokuk Co \$531,000 PRF 2026 Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th St Mahaska Co \$523,727 \$189,816 RTP 2024 Bridge Replacement over Bluff Creek OHV Park, 1625 325th St Mahaska Co \$518,500 \$110,800 RTP 2024 Bridge Rehabilitation on US 34 BNSF RR 1.2 E of W Jct US 63 in Ottumwa Ottumwa \$3,442,000 \$2,753,600 STBG 2024 & 2027 Bridge Rehabilitation on L 2 Fox River Van Buren Co \$1,524,000 \$1,212,001 STBG 2025 New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61 Wapello Co \$3,207,000 \$1,229,000 STBG 2025 New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92 Keokuk Co \$4,608,000 \$3,864,000 STBG 2025 New Bridge and Right of Way on IA 78 HMA Resurfacing, Hold Patching and Wad Yan Public Co \$1,737,000 \$1,219,000 STBG 2026 Right of Way on IA 78 HMA Resurfacing, HMA patching on W40 Yafferson Co \$1,737,000 \$1,389,600 STBG 2026 New Brid	Slope Improvement on IA 149 approximately 0.24 mi S of N Court St in Ottumwa	Ottumwa	\$160,000		PRF	2025
Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th StMahaska Co\$237,270\$189,816RTP2024Bridge Replacement over Bluff Creek OHV Park, 1625 325th StMahaska Co\$408,200\$325,560RTP2024Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$138,500\$110,800RTP2024Bridge Rehabilitation on US 34 BNSF RF. 122 of W Jct US 63 in OttumwaOttumwa\$3,442,000\$2,753,600STBG2024Right of Way on IA 149 Des Moines River BridgeOttumwa\$4,107,000\$3,285,600STBG2024Bridge Rehabilitation on US 34 South Avery Creek 0.7 mi E of Co Rd T61Wapello Co\$3,207,000\$1,129,200STBG2025HMA resurfacing/cold-in-place recycling on T67Wapello Co\$1,500,000\$1,200,000STBG2025HMA resurfacing/cold-in-place recycling on T61Wapello Co\$4,608,000\$3,686,400STBG2026New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92Keokuk Co\$4,608,000\$3,686,400STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$1,737,000\$1,189,600STBG2026HMA Resurfacing, HMA pathcing on W40Jefferson Co\$1,950,000\$1,560,000STBG2026HMA Resurfacing, HMA pathcing on W40Jefferson Co\$1,950,000\$1,560,000STBG2026HMA resurfacing, HMA pathcing on H41Keokuk Co\$1,246,000\$394,200STBG2026Paree meet Night of Way on IA 149Keokuk Co\$1,2	Bridge Deck Overlay on IA 92	Keokuk Co	\$531,000		PRF	2026
Bridge Replacement over Bluff Creek OHV Park, 1625 325th StMahaska Co\$408,200\$326,560RTP2024Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$138,500\$110,800RTP2024Bridge Rehabilitation on US 34 BNSF RR 1.2 E of W Jct US 63 in OttumwaOttumwa\$3,442,000\$2,753,600STBG2024Bridge Rehabilitation on L2 Fox RiverOttumwa\$4,107,000\$3,225,600STBG2024 & 2027Bridge Rehabilitation on IA 2 Fox RiverVan Buren Co\$1,524,000\$1,219,200STBG2024 & 2027Bridge Rehabilitation on IA 2 Fox RiverVan Buren Co\$1,524,000\$1,219,200STBG2025New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61Wapello Co\$1,500,000\$1,200,000STBG2025HMA resurfacing/cold-in-place recycling on T67Wapello Co\$1,500,000\$1,200,000STBG2025New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92Keokuk Co\$4,608,000\$3,886,400STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$1,779,000\$1,389,600STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$1,787,000\$1,389,600STBG2026New Bridge Deck Overlay on IA 16Keokuk Co\$1,787,000\$1,389,600STBG2026Bridge Deck Overlay on IA 16Keokuk Co\$1,787,000\$1,580,000STBG2026Bridge Deck Overlay on IA 16Keokuk Co\$1,787,000\$1,580,000STBG2026 <t< td=""><td>Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th St</td><td>Mahaska Co</td><td>\$237,270</td><td>\$189,816</td><td>RTP</td><td>2024</td></t<>	Grade and Pave on Bluff Creek OHV Park, parking lot construction 1625 325th St	Mahaska Co	\$237,270	\$189,816	RTP	2024
Buildings on Bluff Creek OHV Park, 1625 325th StMahaska Co\$118,800RTP2024Bridge Rehabilitation on US 34 BNSF RR 1.2 E of W Jct US 63 in OttumwaOttumwa\$3,442,000\$2,753,600STBG2024Right of Way on IA 149 Des Moines River BridgeOttumwa\$4,107,000\$3,285,600STBG2024 & 2027Bridge Rehabilitation on US 34 South Avery Creek 0.7 mi E of Co Rd T61Wapello Co\$1,524,000\$1,219,200STBG2025HMA Resurfacing/cold-in-place recycling on T67Wapello Co\$1,500,000\$1,200,000STBG2025HMA resurfacing/cold-in-place recycling on T61Wapello Co\$1,500,000\$1,200,000STBG2025New Bridge and Right of Way on LA 21 Cedar Creek 1.1 mi N of LA 92Keokuk Co\$4,608,000\$3,686,400STBG2026New Bridge and Right of Way on LA 78Jefferson Co\$1,737,000\$1,389,600STBG2026New Bridge and Right of Way on LA 78Jefferson Co\$1,737,000\$1,389,600STBG2026New Bridge and Right of Way on LA 78Jefferson Co\$1,737,000\$1,389,600STBG2026New Bridge Deck Overlay on LA 16Wapello Co\$1,737,000\$1,389,600STBG2026New Bridge Deck Overlay on LA 16Keokuk Co\$1,246,000\$379,200STBG2026New Bridge Deck Overlay on LA 16Wapello Co\$1,246,000\$379,200STBG2026Bridge Deck Overlay on LA 16Wapello Co\$1,246,000\$399,600STBG2027Bridge Deck Ove	Bridge Replacement over Bluff Creek OHV Park, 1625 325th St	Mahaska Co	\$408,200	\$326,560	RTP	2024
Bridge Rehabilitation on US 34 BNSF RR 1.2 E of W Jct US 63 in OttumwaOttumwa\$3,442,000\$2,753,600STBG2024Right of Way on IA 149 Des Moines River BridgeOttumwa\$4,107,000\$3,285,600STBG2024 & 2027Bridge Rehabilitation on IA 2 Fox RiverVan Buren Co\$1,524,000\$1,219,200STBG2025New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61Wapello Co\$3,500,000\$1,200,000STBG2025HMA Resurfacing/cold-in-place recycling on T67Wapello Co\$1,500,000\$1,200,000STBG2025New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92Keokuk Co\$1,500,000\$1,200,000STBG2026New Bridge and Right of Way on IA 78Wapello Co\$1,173,000\$3,886,400STBG2026New Bridge and Right of Way on IA 78Jefferson Co\$1,737,000\$1,389,600STBG2026HMA Resurfacing, HMA pathcing on W40Jefferson Co\$1,737,000\$1,389,600STBG2026HMA resurfacing with milling on G29Mahaska Co\$1,240,000\$379,200STBG2026Bridge Deck Overlay on IA 16Keokuk Co\$1,240,000\$300,000SWAP-TSIG2027Pavement Widening and Grading on H41Wapello Co\$1,240,000\$303,000STBG2027Pavement - Replace, Recreational Trail on N Court StOttumwa\$3,339,605\$2,837,831SWAP-STBG2027PCC Pavement - Replace, Recreational Trail on N Court StOttumwa\$3,204,905\$25,63,960SWAP-STBG<	Buildings on Bluff Creek OHV Park, 1625 325th St	Mahaska Co	\$138,500	\$110,800	RTP	2024
Right of Way on IA 149 Des Moines River Bridge Ottumwa \$4,107,000 \$3,285,600 STBG 2024 & 2027 Bridge Rehabilitation on IA 2 Fox River Van Buren Co \$1,524,000 \$1,219,200 STBG 2025 New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61 Wapello Co \$3,207,000 \$2,565,600 STBG 2025 HMA Resurfacing/cold-in-place recycling on T67 Wapello Co \$1,500,000 \$1,200,000 STBG 2025 HMA resurfacing/cold-in-place recycling on T61 Wapello Co \$1,500,000 \$1,200,000 STBG 2025 New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92 Keokuk Co \$4,608,000 \$3,886,400 STBG 2026 New Bridge and Right of Way on IA 78 Jefferson Co \$1,179,000 \$1,389,600 STBG 2026 HMA resurfacing, HMA pathcing on W40 Jefferson Co \$1,500,000 \$1,389,600 STBG 2026 HMA resurfacing with milling on G29 Mahaska Co \$1,950,000 \$1,899,000 STBG 2027 Bridge Deck Overlay on IA 16 Keokuk Co \$1,240,000 \$379,200	Bridge Rehabilitation on US 34 BNSF RR 1.2 E of W Jct US 63 in Ottumwa	Ottumwa	\$3,442,000	\$2,753,600	STBG	2024
Bridge Rehabilitation on IA 2 Fox River Van Buren Co \$1,524,000 \$1,219,200 STBG 2025 New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61 Wapello Co \$3,207,000 \$2,565,600 STBG 2025 HMA Resurfacing/cold-in-place recycling on T67 Wapello Co \$1,500,000 \$1,200,000 STBG 2025 New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92 Keokuk Co \$4,608,000 \$3,866,400 STBG 2026 Right of Way on US 3A bandoned RR 4.8 mi N of Co Rd J15 (Bridge Removal) Wapello Co \$1,779,000 \$943,200 STBG 2026 New Bridge and Right of Way on IA 78 Jefferson Co \$1,779,000 \$2,880,000 STBG 2026 HMA resurfacing, HMA pathcing on W40 Jefferson Co \$2,760,000 \$1,580,000 STBG 2026 Bridge Deck Overlay on IA 16 Keokuk Co \$1,787,000 \$1,389,600 STBG 2026 Bridge Deck Overlay on IA 149 Keokuk Co \$1,787,000 \$1,787,000 \$1,880,000 STBG 2026 Bridge Deck Overlay on IA 16 Keokuk Co \$1,787,000	Right of Way on IA 149 Des Moines River Bridge	Ottumwa	\$4,107,000	\$3,285,600	STBG	2024 & 2027
New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61 Wapello Co \$3,207,000 \$2,565,600 STBG 2025 HMA Resurfacing/cold-in-place recycling on T67 Wapello Co \$1,500,000 \$1,200,000 STBG 2025 HMA resurfacing/cold-in-place recycling on T61 Wapello Co \$1,500,000 \$1,200,000 STBG 2025 New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92 Keokuk Co \$4,608,000 \$3,866,400 STBG 2026 Right of Way on US 63 Abandoned RR 4.8 mi N of Co Rd J15 (Bridge Removal) Wapello Co \$1,737,000 \$1,389,600 STBG 2026 New Bridge and Right of Way on IA 78 Jefferson Co \$2,600,000 \$2,800,000 STBG 2026 HMA Resurfacing, iMM pathcing on W40 Jefferson Co \$2,600,000 \$2,800,000 STBG 2026 Bridge Deck Overlay on IA 16 Van Buren Co \$474,000 \$378,600 STBG 2027 Bridge Deck Overlay on IA 149 Keokuk Co \$1,246,000 \$399,800 STBG 2027 Pavement Widening and Grading on H41 Wapello Co \$700,000 \$S00,000	Bridge Rehabilitation on IA 2 Fox River	Van Buren Co	\$1,524,000	\$1,219,200	STBG	2025
HMA Resurfacing/cold-in-place recycling on T67 Wapello Co \$1,500,000 \$1,200,000 STBG 2025 HMA resurfacing/cold-in-place recycling on T61 Wapello Co \$1,500,000 \$1,200,000 STBG 2025 New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92 Keokuk Co \$4,608,000 \$3,68,400 STBG 2026 New Bridge and Right of Way on IA 31 (Bridge Removal) Wapello Co \$1,173,000 \$1,389,600 STBG 2026 New Bridge and Right of Way on IA 78 Jefferson Co \$1,737,000 \$1,389,600 STBG 2026 HMA Resurfacing, HMA pathcing on W40 Jefferson Co \$2,600,000 \$2,808,000 STBG 2026 Bridge Deck Overlay on IA 16 Keokuk Co \$1,240,000 \$378,000 STBG 2026 Bridge Deck Overlay on IA 149 Keokuk Co \$1,240,000 \$379,200 STBG 2027 Pavement Widening and Grading on H41 Keokuk Co \$1,240,000 \$399,600 STBG 2027 Grade and Pave on Mary St Ottumwa \$3,039,605 \$2,897,811 SWAP-TBIP 2025 <td>New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61</td> <td>Wapello Co</td> <td>\$3,207,000</td> <td>\$2,565,600</td> <td>STBG</td> <td>2025</td>	New Bridge US 34 South Avery Creek 0.7 mi E of Co Rd T61	Wapello Co	\$3,207,000	\$2,565,600	STBG	2025
HMA resurfacing/cold-in-place recycling on T61 Wapello Co \$1,200,000 \$1,200,000 \$12,000,000	HMA Resurfacing/cold-in-place recycling on T67	Wapello Co	\$1,500,000	\$1,200,000	STBG	2025
New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92 Keokuk Co \$4,608,000 \$3,686,400 STBG 2026 Right of Way on US 3 Abandoned RR 4.8 mi N of Co Rd J15 (Bridge Removal) Wapello Co \$1,179,000 \$943,200 STBG 2026 New Bridge and Right of Way on IA 78 Jefferson Co \$1,737,000 \$1,389,600 STBG 2026 HMA Resurfacing, HMA pathcing on W40 Jefferson Co \$2,2600,000 \$2,080,000 STBG 2026 HMA resurfacing with milling on G29 Mahaska Co \$1,950,000 \$1,560,000 STBG 2026 Bridge Deck Overlay on IA 149 Keokuk Co \$1,24,000 \$379,200 STBG 2027 Pavement Widening and Grading on H41 Wapello Co \$700,000 \$500,000 SWAP-HSIP 2025 Grade and Pave on Mary St Ottumwa \$3,039,605 \$2,897,811 SWAP-STBG 2024 PCC Pavement - Replace N Irrai on N Court St Ottumwa \$3,204,955 \$2,600,000 SWAP-STBG 2027 PCC Pavement - Replace on Irrons St Keosuk Co \$4,4000 \$303,605 \$2,897,811 <	HMA resurfacing/cold-in-place recycling on T61	Wapello Co	\$1,500,000	\$1,200,000	STBG	2025
Right of Way on US 63 Abandoned RR 4.8 mi N of Co Rd J15 (Bridge Removal) Wapello Co \$1,179,000 \$943,200 STBG 2026 New Bridge and Right of Way on IA 78 Jefferson Co \$1,737,000 \$1,389,600 STBG 2026 HMA Resurfacing, IMA pathcing on W40 Jefferson Co \$2,600,000 \$2,080,000 STBG 2026 HMA resurfacing, IMA pathcing on W40 Mahaska Co \$1,950,000 \$1,560,000 STBG 2026 Bridge Deck Overlay on IA 16 Van Buren Co \$474,000 \$379,200 STBG 2027 Bridge Deck Overlay on IA 149 Keokuk Co \$1,246,000 \$996,800 STBG 2027 Pavement Widening and Grading on H41 Wapello Co \$700,000 \$S00,000 SWAP-HSIP 2025 Grade and Pave on Mary St Ottumwa \$3,039,605 \$2,897,831 SWAP-STBG 2027 PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,039,605 \$2,897,831 SWAP-STBG 2027 PCC Pavement - Replace on Irons St Keosuick \$449,615 \$400,000 SWAP-STBG 2027 PCC Pavement - Replace on Irons St Keosuick \$449,615 <	New Bridge and Right of Way on IA 21 Cedar Creek 1.1 mi N of IA 92	Keokuk Co	\$4,608,000	\$3,686,400	STBG	2026
New Bridge and Right of Way on IA 78 Jefferson Co \$1,737,000 \$1,389,600 STBG 2026 HMA Resurfacing, HMA pathcing on W40 Jefferson Co \$2,600,000 \$2,080,000 STBG 2026 HMA resurfacing, HMA pathcing on W40 Jefferson Co \$1,950,000 \$15BG 2026 HMA resurfacing, iHMA pathcing on W40 Mahaska Co \$1,950,000 \$TBG 2026 Bridge Deck Overlay on IA 16 Van Buren Co \$474,000 \$379,200 \$STBG 2027 Bridge Deck Overlay on IA 149 Keokuk Co \$1,246,000 \$996,800 STBG 2027 Pavement Widening and Grading on H41 Wapello Co \$700,000 \$S00,000 \$WAP-HSIP 2025 Grade and Pave on Mary St Ottumwa \$3,039,605 \$2,897,831 \$WAP-STBG 2027 PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,249,505 \$2,897,831 \$WAP-STBG 2027 PCC Pavement - Replace on Irons St Keswick \$444,000 \$WAP-STBG 2027 Miscellanneous on Front St Keosauqua \$538,000 <td< td=""><td>Right of Way on US 63 Abandoned RR 4.8 mi N of Co Rd J15 (Bridge Removal)</td><td>Wapello Co</td><td>\$1,179,000</td><td>\$943,200</td><td>STBG</td><td>2026</td></td<>	Right of Way on US 63 Abandoned RR 4.8 mi N of Co Rd J15 (Bridge Removal)	Wapello Co	\$1,179,000	\$943,200	STBG	2026
HMA Resurfacing, HMA pathcing on W40 Jefferson Co \$2,080,000 \$2,080,000 STBG 2026 HMA resurfacing with milling on G29 Mahaska Co \$1,950,000 \$1,560,000 STBG 2026 Bridge Deck Overlay on IA 16 Van Buren Co \$474,000 \$379,200 STBG 2027 Pavement Widening and Grading on H41 Keokuk Co \$1,246,000 \$500,000 SWAP-HSIP 2025 Grade and Pave on Mary St Ottumwa \$3,039,605 \$2,887,831 SWAP-STBG 2027 PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,204,950 \$25,63,960 SWAP-STBG 2027 Miscellanneous on Front St Keosuk Co \$444,000 \$378,000 \$WAP-STBG 2024	New Bridge and Right of Way on IA 78	Jefferson Co	\$1,737,000	\$1,389,600	STBG	2026
HMA resurfacing with milling on G29 Mahaska Co \$1,950,000 \$1,560,000 STBG 2026 Bridge Deck Overlay on IA 16 Van Buren Co \$474,000 \$379,200 STBG 2027 Bridge Deck Overlay on IA 16 Keokuk Co \$1,246,000 \$996,800 STBG 2027 Pavement Widening and Grading on H41 Wapello Co \$700,000 \$500,000 SWAP-HSIP 2025 Grade and Pave on Mary St Ottumwa \$3,203,9605 \$2,897,831 SWAP-STBG 2027 PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,203,9605 \$2,897,831 SWAP-STBG 2027 PCC Pavement - Replace on Irons St Keswick \$449,615 \$400,000 SWAP-STBG 2027 Miscellanneous on Front St Keosauqua \$556,050 \$318,000 TAP 2024	HMA Resurfacing, HMA pathcing on W40	Jefferson Co	\$2,600,000	\$2,080,000	STBG	2026
Bridge Deck Overlay on IA 16 Van Buren Co \$379,200 \$TBG 2027 Bridge Deck Overlay on IA 149 Keokuk Co \$1,246,000 \$996,800 \$TBG 2027 Pavement Widening and Grading on H41 Wapello Co \$700,000 \$500,000 \$WAP-HSIP 2025 Grade and Pave on Mary St Ottumwa \$3,209,605 \$2,897,831 \$WAP-STBG 2027 PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,204,905 \$2,563,960 \$WAP-STBG 2027 PCC Pavement - Replace on Irons St Keswick \$449,615 \$400,000 \$WAP-STBG 2025 Miscellanneous on Front St Keosauqua \$556,050 \$318,000 TAP 2024	HMA resurfacing with milling on G29	Mahaska Co	\$1,950,000	\$1,560,000	STBG	2026
Bridge Deck Overlay on IA 149 Keokuk Co \$1,246,000 \$996,800 STBG 2027 Pavement Widening and Grading on H41 Wapello Co \$700,000 \$S00,000 \$WAP-HSIP 2025 Grade and Pave on Mary St Ottumwa \$3,039,605 \$2,897,831 SWAP-STBG 2024 PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,204,950 \$2,563,960 SWAP-STBG 2027 PCC Pavement - Replace on Irons St Keswick \$440,55 \$400,000 SWAP-STBG 2027 Miscellanneous on Front St Keosauqua \$596,050 \$318,000 TAP 2024	Bridge Deck Overlay on IA 16	Van Buren Co	\$474.000	\$379.200	STBG	2027
Pavement Widening and Grading on H41 Wapello Co \$500,000 \$SWAP-HSIP 2025 Grade and Pave on Mary St Ottumwa \$3,039,605 \$2,897,811 SWAP-STBG 2024 PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,204,950 \$2,563,960 SWAP-STBG 2027 PCC Pavement - Replace on Irons St Keswick \$449,615 \$400,000 SWAP-STBG 2025 Miscellanneous on Front St Keosauqua \$596,050 \$318,000 TAP 2024	Bridge Deck Overlay on IA 149	Keokuk Co	\$1,246,000	\$996,800	STBG	2027
Grade and Pave on Mary St Ottumwa \$3,039,605 \$2,887,831 SWAP-STBG 2024 PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,204,950 \$2,563,960 SWAP-STBG 2027 PCC Pavement - Replace on Irons St Keswick \$449,615 \$400,000 SWAP-STBG 2025 Miscellanneous on Front St Keosauqua \$596,050 \$318,000 TAP 2024	Pavement Widening and Grading on H41	Wapello Co	\$700,000	\$500,000	SWAP-HSIP	2025
PCC Pavement - Replace, Recreational Trail on N Court St Ottumwa \$3,204,950 \$2,563,960 SWAP-STBG 2027 PCC Pavement - Replace on Irons St Keswick \$449,615 \$400,000 SWAP-STBG 2025 Miscellanneous on Front St Keosauqua \$596,050 \$318,000 TAP 2024	Grade and Pave on Mary St	Ottumwa	\$3.039.605	\$2,897,831	SWAP-STBG	2024
PCC Pavement - Replace on Irons St Keswick \$449,615 \$400,000 SWAP-STBG 2025 Miscellanneous on Front St Keosauqua \$596,050 \$318,000 TAP 2024	PCC Pavement - Replace. Recreational Trail on N Court St	Ottumwa	\$3,204,950	\$2,563,960	SWAP-STBG	2027
Miscellanneous on Front St Keosauqua \$596,050 \$318,000 TAP 2024	PCC Pavement - Replace on Irons St	Keswick	\$449.615	\$400,000	SWAP-STBG	2025
	Miscellanneous on Front St	Keosaugua	\$596.050	\$318.000	TAP	2024
Ped/Bike Grade Ramp and Pave on Ferry St Ottumwa \$841.005 \$318.000 TAP 2025	Ped/Bike Grade Ramp and Pave on Ferry St	Ottumwa	\$841.005	\$318.000	ТАР	2025
Ped/Bike Paving on Cedar View Trail	Ped/Bike Paving on Cedar View Trail	Jefferson Co	\$720.000	\$318.000	ТАР	2026
Surge: RPA 15 2024-27 Transportation Improvement Program	Source: RPA 15 2024-27 Transportation Improvement Program		,	,,		

Figure 4.9: Potential Road and Bridge Projects Beyond Five Years						
Project	Location					
Old 34/Burlington Road resurfacing	Fairfield					
Business 34 bridge replacement east of Fairfield	Fairfield					
Jefferson Street Viaduct replacement	Ottumwa					
Improve access to Ottumwa industrial park/ Helgerson Flats via	Ottumwa					
IA 149, 120th Street and US 63, or Dahlonega Rd						
Old 34/Bus 34 resurfacing East and West of Fairfield	Jefferson Co					
V45 repaving from Sigourney to Keswick	Keokuk Co					
W15 repaving from Richland to 277th	Keokuk Co					
G13 repaving from V44 to 215th	Keokuk Co					
V67 repaving from IA 78 to Ollie	Keokuk Co					
G17 repaving US 63 to V13	Mahaska Co					
W20 repaving from IA 2 to Mt Sterling	Van Buren Co					
9th Street (Eldon) bridge replacement	Wapello County					
Source: RPA 15 Technical Advisory Committee						

Figure 4.1	0: State Long-Range Transporta	tion Plan Highway Need	ls				
Route	Counties	Corridor		Type of Improvemen	t		
			Pavement Condition	Bridge Condition	Bottlenecks	Super-2	Capacity
US 34	Monroe, Wapello	IA 5 to Ottumwa W CL					
US 34	Wapello	Ottumwa W CL to US 63					
US 34	Wapello, Jefferson	US 63, to IA 1					
US 34	Jefferson, Henry	IA 1 to US 218					
US 63	Davis, Wapello	MO Border to US 34					
US 63	Wapello	US 34 to IA 149					
US 63	Wapello, Mahaska	IA 149 to IA 92					
US 63	Mahaska, Poweshiek	IA 163 to I-80					
IA 1	Van Buren, Jefferson	IA 2 to US 34					
IA 1	Jefferson, Keokuk, Washington	US 34 to IA 92					
IA 2	Davis, Van Buren, Lee	US 63 to US 218					
IA 16	Lee, Van Buren, Davis, Wapello	US 218 to US 34					
IA 21	Keokuk	IA 78 to IA 92					
IA 21	Keokuk, Poweshiek	IA 92 to I-80					
IA 22	Keokuk, Washington	IA 21 to IA 1					
IA 23	Keokuk, Mahaska	IA 149 to IA 92					
IA 78	Keokuk	IA 149 to IA 1					
IA 78	Washington, Jefferson, Henry	IA 1 to US 218					
IA 81	Van Buren	MO Border to IA 2					
IA 92	Marion, Mahaska	IA 5 to US 63					
IA 92	Mahaska, Keokuk, Washington	US 63 to IA 1					
IA 137	Monroe, Wapello	IA 5 to US 63					
IA 146	Mahaska, Poweshiek	US 63 to I-80					
IA 149	Wapello	US 34 to US 63					
IA 149	Wapello, Keokuk	US 63 to IA 92					
IA 149	Keokuk, Iowa	IA 92 to I-80					
IA 163	Marion, Mahaska	IA 14 to US 63					
Source: Io	owa In Motion 2045: State Trans	portation Plan					
https://io	wadot.gov/iowainmotion/						
Accessed:	10/29/23						



RPA 15 Long Range Transportation Plan

Figure 4.11: Potential							
County	Route	Project Description	Treatment	TBD-FY			
Van Buren	IA 16	from Jct CR V64 to Jct IA 1	3R	2025*			
Keokuk	IA 149	from IA 78 ct to SCL of Sigourney	3R	2025*			
Wapello	IA 149	From US 63 to Jct IA 23	3R	2026*			
Van Buren	IA 16	From the ECL of Eldon to just west of CR V64 intersection	3R	2026*			
Van Buren	IA 2	Phase 1: from Gold Ave in Cantril to IA 1	Resurfacing	2026*			
Van Buren/Jefferson	IA 1	From 0.6 mi S of Birmingham to 227th St	Resurfacing	2026*			
Van Buren	IA 2	Phase 2: from IA 1 to Co Rd W40	Resurfacing	2027*			
Wapello	US 34	In Ottumwa, Des Moines River Bridge to RR Bridge	Resurfacing	2029*			
Wapello	IA 149	Des moines River, streets and BNSF RR 0.2 mi N of US 34 in Ottumwa	Bridge Deck Replace	2029*			
Source: Iowa Departr							
Note: EXcense and exclanation of the second							

Note: FY years are subject to change.

Funding Sources and Anticipated Funding

Cities and Counties have three main sources of funding for road and bridge projects. These are: local taxes, road use taxes and state and federal grants. Local taxes are collected by the city and county and may include property taxes, sales taxes and franchise fees. Funds raised through these taxes do not have to be used for transportation, however many jurisdictions allocation a portion of the revenue from the taxes collected for transportation including road and bridge maintenance.

Road use taxes are collected from the sale of gasoline and diesel, and the sales tax on cars and trucks and vehicle registration fees. Twenty percent of the funds raised are allocated to the City Street Fund, 24.5% to the Secondary Road Fund, eight percent to the Farm-to-Market fund and 47.5 is put into the Primary Road Fund. Every city in the state receives funding from the City Street Fund and every county from the Secondary Road Fund and the Farm to Market fund. City Street Fund money may be used by a city for the construction and maintenance of any road in the city. The Secondary Road fund may be used by a county for the construction of maintenance of secondary road. Money from the Farm-to-Market fund may be used to construct or maintain a road or bridge on the Farm-to-Market system.

In 2008 the TIME 21 fund was established by changing some vehicle registration fees and schedules and increasing the trailer and title fees. Sixty percent of the revenue raised by TIME 21 is allocated to the state, 20% to secondary roads and 20% to city streets. The shares allocated to secondary roads and city streets are combined with each county's Secondary Road Fund amount or each city's City Street Fund amount. This funding stream was designed to address a shortfall for road maintenance and construction.



In 2024 it is estimated that the cities within the region will receive a combined \$19,764,747 from the City Street Fund. The five counties within the RPA are estimated to receive an estimated \$29,750,983 from the Secondary Road Fund and \$5,578,435 from the Farm-to-Market fund. Figure 4.12 shows the estimated non-federal aid revenues for cities and counties within the region for 2024-2027.

Figure 4.12: RPA 15 Forecasted Nor				
	2024	2025	2026	2027
Farm to Market	\$5,578,435	\$5,690,004	\$5,803,804	\$5,919,880
Secondary Road Fund	\$29,750,983	\$30,346,003	\$30,952,923	\$31,571,981
City Street Fund	\$19,764,747	\$20,160,042	\$20,563,243	\$20,974,508
Total Non Federal-aid Revenues	\$55,094,165	\$56,196,048	\$57,319,969	\$58,466,369
Based off of 2022 FM, Secondary Road and	5			
Assumes 2% revenue growth per year				

Counties may apply for up to 80% reimbursement from the Surface Transportation Block Grant Program, and cities up to 100% reimbursement through SWAP from the Regional Planning Affiliation. The RPA sub-allocates the STBG/SWAP funds received to the five counties, three urban areas, 10-15 regional transit, special projects and planning. The special projects category is used to fund projects in smaller cities with populations under 5,000 that do not receive a sub-allocation or to contribute to Iowa DOT projects in the region. Figure 4.13 shows the funding for the region and each of the counties and urban areas for the next four years. The RPA received \$3,069,565 in STBG/SWAP to allocate for projects in 2023.

RPA 15 Long Range Transportation Plan

Figure 4.13: STB	G/SWAP Fu							
	2023	2024	2025	2026	2027	2028		
10-15 Transit	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000		
Planning	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000		
Special Projects	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000		
Fairfield	\$248,853	\$244,358	\$250,323	\$256,230	\$262,340	\$262,340		
Oskaloosa	\$301,416	\$295,972	\$303,197	\$310,351	\$317,752	\$317,752		
Ottumwa	\$657,972	\$646,088	\$661,859	\$677,476	\$693,632	\$693,632		
Jefferson Co	\$314,772	\$310,582	\$316,142	\$321,648	\$327,343	\$327,343		
Keokuk Co	\$342,529	\$337,970	\$344,021	\$350,012	\$356,210	\$356,210		
Mahaska Co	\$364,349	\$359,499	\$365,935	\$372,308	\$378,901	\$378,901		
Van Buren Co	\$311,158	\$307,016	\$312,513	\$317,955	\$323,586	\$323,586		
Wapello Co	\$343,516	\$338,944	\$345,012	\$351,020	\$357,236	\$357,236		
Total	\$3,069,565	\$3,025,429	\$3,084,002	\$3,142,000	\$3,202,000	\$3,202,000		
Source: FEY2023-2027 STBG targets, RPA 15 Balance sheet								

Counties also receive an allocation of HBP funds for bridge projects each year. Each county's target is based on their balance from the previous year, the projects the county anticipates letting in the coming year and the expected funding levels for the state. There is also bridge funding available to cities that may be applied for by submitting a letter to the lowa Department of Transportation for an eligible bridge describing the

project and the cost.

Map 4.1: Federal Functional Classification of Jefferson County Roads







- Cities
- Counties

Federal Functional Class

- Principal Arterial Minor Arterial
- Major Collector
- Minor Collector
- ----- Local

Map prepared by the Area 15 Regional Planning Commission Sources: ESRI and the lowa DOT. Date prepared: 10-04-23

Map 4.2: Federal Functional Classification of Keokuk County Roads



Map 4.3: Federal Functional Classification of Mahaska County Roads



Map 4.4.: Federal Functional Classification of Van Buren County Roads



Map 4.5: Federal Functional Classification of Wapello County Roads





Legend



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Commission						
Source	es:	ESRI	and	the		
lowa DOT.						
Date	prepa	red: 1	0-09-	23		

Map 4.6: 2022 Traffic Volume on RPA 15 Roads



Map 4.7: Traffic Volume and Bridge Condition on Jefferson County Roads



Map 4.8: Traffic Volume and Bridge Condition on Keokuk County Roads



Map 4.8: Traffic Volume and Bridge Condition on Keokuk County Roads



Map 4.9: Traffic Volume and Bridge Condition on Mahaska County Roads



Map 4.10.: Traffic Volume and Bridge Condition on Van Buren County Roads



Map 4.11: Traffic Volume and Bridge Condition on Wapello County Roads





Legend



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15	Regic	onal	Planning	
Com	missio	n		
Sour	ces:	ESRI	and	the
owa	DOT.			
Date	prepa	red: 1	0-17-	23







Map 4.15: 2022 Pavement Conditions of Mahaska County Roads N







Map 4.18: Road and Bridge Projects within the Next Five Years N Legend Streets Counties **City Limits FundSource** Grant Application HBP ILL NHPP PRF STBG SWAP-HSIP SWAP-STBG Map prepared by the Area 15 Regional Planning Commission Sources: ESRI and the lowa DOT. Date prepared: 11-07-23 8.5 25.5 34 4.25 Miles