

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Adams		\$ 9,695.51	12/23/09	rock surface washed from several county roads	acquire rock & replace
Allamakee		\$ 35,912.88	12/21/09	flooding caused power outages, road damage & communication problems	acquire generators & transfer switches; better communications for special needs & shelters
Appanoose		\$ 5,088.41			
Benton		\$ 60,632.06	12/30/09	1) in elevating Benton Co LE Center parking was lost 2) lost parking for LE Center 3) damage to courthouse lawn from heavy equipment attempting to save LE Center	1) propose new secure parking lot for LE center 2) propose geothermal field with new parking lot for LE center 3) repair lawn of courthouse
Black Hawk		\$ 215,701.04	12/23/09	1) power outage at nursing facility also generator is undersized for it's purpose 2) high ground water created leaking through pump base 3) prolonged power outage at county courthouse	1) replace existing generator including concrete base & installation of switch & service panel 2) change line shaft pump to a submersible pump acquire generator & base
Boone		\$ 10,173.51			
Bremer		\$ 22,110.40	12/23/09	1) little or no ability to monitor river levels 2) very little safety equipment for first responders use during rescues 3) minimal ability for responders to reach weather impacted areas 4) sandbag supply at county level greatly diminished during flood response	1) acquire & install river staff gauges 2) acquire PFDs, throw ropes & a bullhorn 3) acquire ATV & trailer 4) acquire supply of sandbags
Butler		\$ 92,290.63	12/02/09	low water crossings plugged with debris causing wash out & loss of roadway materials	construct 2 beam in slab structures with concrete approaches
Carroll		\$ 2,000.00	12/31/09	salt shed was demolished by weather	need to construct new salt shed
Cass		\$ 4,708.47	10/19/09	1) flooding made travel into & out of fish farm (now a park) impossible 2) flooding killed grass & trees along roadway	1) relocate & build driveway into park 2) purchase seed & trees

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Cedar		\$ 164,349.21	12/14/09	1) flooding caused river channel to change putting bridge at risk of scour & failure 2) loss of riverbank due to flooding	1) work with US Army Corps of Engineers to determine best action 2) place rip-rap to prevent from reoccurring
Cerro Gordo		\$ 12,896.62	01/06/10	need for ability to collect data along river system to project flood stages; citizens require more immediate notification during storms	propose to instal river gauges along rivers with volunteers collecting & tracking data; purchase NOAA weather radios first to public buildings with remainder to be distributed to general public
Cherokee		\$ 2,000.00	08/24/09	Not all areas of the county are covered by warning siren system	purchase two new siren systems to be strategically placed in the county
Chickasaw		\$ 10,948.43	12/17/09	needed easier way to fill sandbags to save on manpower and illumination for night time operations	acquire sandbagging machine & light tower/generator
Clarke		\$ 6,643.27	09/18/09	county bridge was destroyed	remove & replace bridge
Clayton		\$ 8,305.41	09/22/09	water damage in county building due to flooding	clean debris from building; purchase tools, supplies & water pressure pump that were lost or damaged
Clinton		\$ 10,762.54			
Crawford		\$ 8,299.97			
Dallas		\$ 5,439.28	09/30/09	abandoned railroad trestle obstructs water flow & collects debris causing flooding	remove trestle & debris
Davis		\$ 3,723.40	09/22/09	flood damage to small bridge on local road	replace small bridge with metal culvert
Delaware		\$ 11,317.50	12/23/09	lightning strike damage to courthouse during storm events	install surge protection system to reduce or eliminate damage from voltage spikes
Des Moines		\$ 95,800.80	12/22/09	1-4) flooding displaced families & showed need for additional shelters with backup power	1-4) acquire generators for various locations

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Dubuque		\$ 10,723.65	10/13/09	1) flooding washed away erosion stone from portion of Mitchell Mill Road bridge 2) flooding washed away erosion stone from portion of Floyd Road bridge 3) flooding washed away erosion stone from portion of Christoph Road bridge	1) replace I-beam bridge with 2 metal culverts & place erosion stone 2) replace erosion stone along upstream side 3) replace erosion stone along upstream side
Fayette		\$ 11,632.40	12/08/09	flood damage to sewer lagoon & caused erosion along major road & bridge; stream bank stabilization needed	stream stabilization proposed along two waterways to prevent erosion & damage to bridge, roadways & sewer lagoon
Floyd		\$ 28,868.30			
Franklin		\$ 3,782.58			
Hamilton		\$ 6,180.54	12/16/09	culvert disconnected & was destroyed in flooding	restore culvert
Hancock		\$ 7,321.60	09/23/09	lightning strike damaged LEC & courthouse	repair phone system with remanufactured or rebuilt parts or upgrade system completely
Hardin		\$ 17,696.09	12/03/09	1) flooding destroyed water trail signage 2) flooding destroyed electrical boxes & caused some structural damage in campgrounds at Pine Ridge Park	1) replace old signage with stronger materials & at higher locations 2) replace damaged picnic shelter & new place roof on bathhouse
Henry		\$ 7,974.41	09/11/09	back filling food stuffs at Fellowship Cup food pantry	food is used to help disaster victims as well as for the Mobile Emergency Vehicle (MEV)
Howard		\$ 7,549.30			
Humboldt		\$ 3,078.54	09/09/09	Standing water in resident's basements after storms	purchase trash pumps
Jackson		\$ 17,949.73	09/17/09	flooding in area of Maquoketa Municipal Electric Co	acquire a pump & accessories
Jasper		\$ 10,485.91			
Johnson		\$ 52,759.86	09/17/09	1) need volunteer coordinating center funding for hardware/software/phones 2) outdoor warning system in rural area	1) acquire tools needed to create volunteer coordinating center 2) purchase & install necessary warning system

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Jones		\$ 12,673.30	12/04/09	1) power outage, failing generator 2) residential homes damaged in flooding	1) acquire backup generator for county courthouse 2) aid residents in recovery
Keokuk		\$ 5,788.06	01/04/10	need generator for Public Health Dept needs & courthouse in cases of prolonged power outages	purchase generator, switch and concrete pad
Kossuth		\$ 3,427.94	09/11/09	1) water back up into basements & street flooding after heavy rains 2) lack of emergency power	1) purchase trash pumps 2) purchase generator
Lee		\$ 7,267.65	12/03/09	1) flooding caused damage to secondary roads 2) damage to concrete boat ramp on river 3) flooding deposited sediment & debris on several river access areas 4) flooding washed away road rock & caused damage to road surfaces	1) restore roadways to pre-flood condition 2) remove & replace boat ramp 3) clean up sediment & debris 4) replace road rock & repair & level roadways
Linn		\$ 159,401.07	12/15/09	1-13) flooding caused debris, erosion of slopes & banks along several creeks 14) flooding caused increased needs of many people with mental disabilities 15) flood vector control	1-13) remove debris, stabilize slopes, fill voids under structure 14) reimburse county for MHDD use of funds 15) mosquito monitoring, rodent control, mold consultation
Linn County Conservation		portion of county's funds received	12/18/09	1) erosion of river side channel 2) debris around bridge causing back up of water flow	1) bank stabilization 2) remove debris & add protection to abutments
Linn County Soil Conservation		portion of county's funds received	12/31/09	debris & sediment causing backwater conditions in road right of way; also diverting channel causing streambank erosion	remove debris & sediment, repair right of way & streambank
Louisa		\$ 192,466.89			

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Lyon		\$ 2,000.00	11/25/09	flooding caused siltation & erosion of ditches	purchase excavator to be used for ditch cleaning
Mahaska		\$ 38,921.21	10/16/09	failure of wooden drainage structure	replace wooden structure with concrete
Marion		\$ 23,629.30	09/29/09	1) road fore slope slide leaving no shoulder on G76 2) road fore slope slid leaving no shoulder S45	1) propose to tile ditch, rip-rap, rebuild fore slope, shoulder & rock shoulder 2) propose to tile ditch, rip-rap, rebuild fore slope, shoulder & rock shoulder
Monroe		\$ 3,929.16			
Montgomery		\$ 8,455.13	09/28/09	high flood waters caused stream embankment erosion	construct a weir & make repairs downstream
Muscatine		\$ 215,406.62	12/23/09	1) flooding caused damage to levees 2) flooding of roadway & damage to shoulders	1) reconstruct earthen levee 2) place an overlay to raise level of roadway
Page		\$ 11,096.27	09/16/09	soil erosion under bridge	reslope bridge slope and place revetment & grout
Pocahontas		\$ 2,000.00	12/28/09	community building haydite block structure leaked & damaged interior walls during heavy rains	cover building with metal sheeting
Polk		\$ 37,798.34	09/08/09	county owned facility flooded	protect facility with a levy (was not entirely successful)
Ringgold		\$ 3,262.13	09/10/09	not enough alert systems in special needs areas of county	indoor pagers/alert notification in special needs establishments
Story		\$ 3,486.91	10/02/09	flooding damaged or destroyed barricades	purchase new barricades & fencing
Taylor		\$ 2,000.00			
Union		\$ 10,595.89			
Van Buren		\$ 6,422.67			

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Wapello		\$ 132,435.12	12/11/09	1) county facility lost power, unable to access fuel for generators 2) river dumped used tires from one property over 40 acres during flooding 3) damage to over 200 homes throughout county, public health risk	1) purchase natural gas generator 2) remove & dispose of tires 3) condem, remove asbestos & demolish 30 structures
Warren		\$ 29,768.06	12/28/09	erosion of river banks near bridge during heavy rains	regrade banks to correct slope & place erosion control fabric with rip rap on top
Winnebago		\$ 2,430.12	09/24/09	lightning strike damaged courthouse air conditioner	replace air conditioner
Winneshiek		\$ 43,924.76			
Wright		\$ 7,180.03			
Adair	Adair	\$ 3,250.21			
Dallas	Adel	\$ 2,512.50			
Union	Afton	\$ 3,305.20	04/24/09	heavy rain/flood damage to two culverts	replace culverts so streets could be repaired
Washington	Ainsworth	\$ 2,043.70	12/30/09	1) tube plugged causing street to flood 2) 3 foot hole caved in on street 3) water backed up in ditches 4) water washed over end of culvert 5) culvert rusted & plugged caused basement flooding	1) replace tile 2) replace tile 3) dig out ditch & clean tube 4) create overflow area to by-pass culvert in flooding 5) replace culvert
Monroe	Albia	\$ 2,473.40			
Kossuth	Algona	\$ 3,763.76			
Wayne	Allerton	\$ 2,000.00	12/15/09	no shelter for residents during power outages	purchase & install generator for a shelter
Butler	Allison	\$ 2,021.96	10/15/09	washout of storm sewers & lagoons from heavy rains	fill in washout areas with rock
Chickasaw	Alta Vista	\$ 3,466.63	12/11/09	flood waters contaminated fuel stored for generator at sewer plant	drain, dispose & replace fuel

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Lyon	Alvord	\$ 2,000.00	01/08/10	poor drainage caused standing water on street	install new tile to drain away excess water flow
Jones	Anamosa	\$ 33,135.62	09/22/09	flooded sanitary sewer	sewer taping to identify problems or broken lines
Clinton	Andover	\$ 2,000.00			
Jackson	Andrew	\$ 2,000.00	9/17/09 01/03/10	1) generator from inside is used outside 2) no community emergency shelter	1) build a structure to house & protect generator 2) create shelter area at fire station
Cass	Anita	\$ 6,599.57			
Polk	Ankeny	\$ 7,043.49			
Butler	Aplington	\$ 4,468.43			
Carroll	Arcadia	\$ 2,000.00	09/29/09	strong winds destroyed ball park's electronic scoreboard	acquire new scoreboard
Butler	Aredale	\$ 2,436.39	01/04/10	storm warning siren damaged in storm & has happened often in the past	move siren electrical box into a building to deter problems
Union	Arispe	\$ 2,008.36	12/16/09	culverts filled with silt causing standing water during flood event	replace culverts
Fayette	Arlington	\$ 2,000.00	12/30/09	pooling of water on street due to inadequate storm water drainage	install storm sewer line
Crawford	Aspinwall	\$ 2,000.00	12/24/09	extensive water erosion along streets	add rock/gravel to roadside
Muscatine	Atalissa	\$ 2,540.73			
Benton	Atkins	\$ 3,986.66			
Cass	Atlantic	\$ 5,487.79			
Audubon	Audubon	\$ 2,000.00	12/04/09	communication problems due to old radios	acquire better radios
Cherokee	Aurelia	\$ 2,000.00	09/18/09	storm water backed up into citizen's homes & low lying areas	acquire a pump & accessories
Pottawattamie	Avoca	\$ 2,000.00			
Webster	Badger	\$ 2,138.84	09/30/09	damage to street due to standing water, created mosquito breeding area	remove standing water from street, parking & private property areas
Jackson	Baldwin	\$ 2,000.00	09/17/09	flooding in area of Maquoketa Municipal Electric Co	acquire a pump & accessories
Mahaska	Barnes City	\$ 2,252.80	08/17/09	street damage due to wet conditions in 2008	contract for repair of 12 streets

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Webster	Barnum	\$ 2,000.00	12/16/09	warning siren unreliable	acquire transformer & power supply
Chickasaw	Bassett	\$ 2,000.00	12/17/09	needed easier way to fill sandbags to save on manpower and illumination for night time operations	acquire sandbagging machine & light tower/generator
Grundy	Beaman	\$ 2,213.49	11/24/09	roof collapse & damage to home	purchase & demolish property
Taylor	Bedford	\$ 2,000.00	11/05/09	increased flows at wastewater treatment plant during heavy rains	Video inspect sanitary sewer system to identify infiltration & inflow problems
Wright	Belmond	\$ 9,995.36	10/22/09	property abandoned due to flooding	purchase & demolish property
Dubuque	Bernard	\$ 2,000.00			
Van Buren	Birmingham	\$ 2,000.00	08/07/09	flooding of public & private property	purchase portable water pumps for the community
Wapello	Blakesburg	\$ 2,014.43	11/20/09	heavy rains caused roofing problems on water control building	repair/replace roof on water control building
Page	Blanchard	\$ 2,351.50	09/23/09	driveway tubes blocked with debris due to heavy rains & washed out roads	take measures to prevent debris to cause blockage & repair roads
Taylor	Blockton	\$ 2,000.00	10/29/09	flooding caused wash outs on several streets	grade roads & add new gravel
Davis	Bloomfield	\$ 9,101.45	09/09/09	culvert under a street was collapsing	replace culvert tube
Scott	Blue Grass	\$ 2,000.00	10/09/09	debris & damages caused by high winds	remove debris
Humboldt	Bode	\$ 2,340.21			
Van Buren	Bonaparte	\$ 2,616.64			
Polk	Bondurant	\$ 6,218.38	09/04/09	storm damage to city ball park, would have resulted in injury if people had been there	build a safe room/shelter; need architect to design
Boone	Boone	\$ 34,963.99	09/09/09	1) Heavy rains damaged stream bank 2) Storm sewer tile line undersized & damaged during flooding	1) bank stabilization 2) drainage improvements
Boone	Boxholm	\$ 2,000.00			
Humboldt	Bradgate	\$ 2,062.31			

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Buchanan	Brandon	\$ 2,000.00			
Audubon	Brayton	\$ 3,020.41			
Carroll	Breda	\$ 2,000.00	01/05/10	storms washed out alleys	rerock alleys & approaches
Adair	Bridgewater	\$ 2,177.94	09/14/09	damaged roof on city building	fix or repair roof
Hancock	Britt	\$ 7,219.35	09/11/09	water back up into basements and care center due to heavy rains	replace portion of sanitary sewer trunkline from 15" to 21"
Poweshiek	Brooklyn	\$ 2,000.00			
Crawford	Buck Grove	\$ 2,000.00	09/17/09	1) high water levels from flooding caused damage to a bridge 2) & to city streets	1) repair bridge 2) repair streets
Scott	Buffalo	\$ 2,588.62			
Winnebago	Buffalo Center	\$ 2,000.00	09/17/09	washing away of roadstone on gravel city streets	replace roadstone
Des Moines	Burlington	\$ 71,316.65	12/16/09	riverfront & memorial auditorium flooded	remove debris & clean areas thoroughly
Kossuth	Burt	\$ 2,307.80	12/17/09	mitigate raw sewage from going into river in event of electrical power outage	repair or replace unreliable generator
Clinton	Calamus	\$ 2,000.00	12/14/09	need power at community building during disasters	purchase & install backup generator
Webster	Callender	\$ 2,169.58			
Winneshiek	Calmar	\$ 2,000.00	09/04/09	ineffective communications for fire dept due to outdated radio equipment	update radio equipment
Story	Cambridge	\$ 8,816.24			
Van Buren	Cantril	\$ 2,000.00	12/23/09	need to replace culverts & replace rock washed away on walking trails due to flooding	replace two culverts & rock on walking trails
Adams	Carbon	\$ 2,000.00			
Warren	Carlisle	\$ 4,272.50			
Carroll	Carroll	\$ 2,000.00	09/09/09	inadequate outdoor warning coverage within city limits	install additional sirens or move existing sirens
Pottawattamie	Carson	\$ 2,905.40	10/15/09	pockets of low lying mud holes fill with water & stagnate creating mosquito breeding area	mosquito control
Dubuque	Cascade	\$ 2,140.93	09/14/09	street flooding occurred when water levels crested over the top of the levies	purchase portable water pump

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Monona	Castana	\$ 2,000.00	09/28/09	heavy rain caused washouts on city streets	fill in washouts, take out trees
Black Hawk	Cedar Falls	\$ 702,904.45	12/16/09	1) gap funding for Jumpstart program that awarded more than it had 2) repair levee system weakened by flooding 3) city agreed to demolish two businesses flood damaged structures as part of their relocation out of floodplain	1) establish Jumpstart Gap Funding project to allow ongoing assistance to eligible families 2) replace "invisible floodwall" with permanent wall 3) receive titles to properties, demolish & turn into green space
Linn	Cedar Rapids	#####	12/31/09	1) need for web based tool to communicate with residents & businesses 2) flooding damaged several affordable houses & insufficient resources to meet needs 3) loss of neighborhoods in city core 4) loss of hundreds of houses & businesses in core area 5) need arose for neighborhood based organizational resource 6) damage to numerous park structures 7) need to fill business & job growth gaps 8) need to fill funding gaps for affordable rental housing 9) equipment for seasonal maintenance of additional city property 10) buyouts created need for development planning of future greenway	1) non-profit partnership created to respond as repository of data for public & private use 2) fill identified gaps for citizens for mortgage or housing contract assistance 3) rebuild as close to flood area as possible to provide affordable housing & businesses 4) need for affordable housing created partnership with Habitat for Humanity 5) non-profit group developed a plan to increase neighborhood resource capacity 6) repair to outdoor water & electrical services, reconstruct public restrooms, etc 7) program to provide retention & growth of jobs in small business sector 8) provide funding for rehabilitation of affordable rental housing 9) purchase snow removal & mowing equipment on newly acquired land 10) completion of river corridor redevelopment plan
Linn	Center Point	\$ 3,245.61	12/28/09	leaking occurred in sanitary sewer line	clean, televise & grout sewer mains
Appanoose	Centerville	\$ 4,215.21			

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Linn	Central City	\$ 3,774.63			
Floyd	Charles City	\$ 84,825.97			
Clinton	Charlotte	\$ 2,000.00			
Crawford	Charter Oak	\$ 2,000.00	12/16/09	drainage problem on city street	correct drainage problem (ditch is higher than street)
Tama	Chelsea	\$ 18,564.27	10/23/09	claim & clean up debris from gas station	purchase property, clean up & replace damaged parts to get it running again
Cherokee	Cherokee	\$ 2,000.00	09/16/09	lost one out of three sirens during flooding & another failed to operate	replace damaged siren & add new ones
Howard	Chester	\$ 2,182.96			
Appanoose	Cincinnati	\$ 2,000.00			
Cedar	Clarence	\$ 2,000.00			
Page	Clarinda	\$ 8,171.38	09/08/09	washout of major storm drainage ditch	need to remove and repair concrete box floor area of ditch
Wright	Clarion	\$ 4,586.57	09/08/09	infiltration problem with sanitary sewer caused by heavy rains	televise sewer lines to locate problem areas
Butler	Clarksville	\$ 127,634.39	12/28/09	flooding of city limits from river	construct berms in 3 locations; construct drainage swale at 1 location
Clayton	Clayton	\$ 2,000.00	12/21/09	heavy rains eroded roadway into channel	blacktop road
Cerro Gordo	Clear Lake	\$ 4,278.14	12/18/09	generator inadequate to supply emergency power to care facility	acquire adequate generator
Fayette	Clermont	\$ 58,473.52	09/24/09	damage to street due to flooding	repair road base & replace pavement
Clinton	Clinton	\$ 2,112.29			
Polk	Clive	\$ 2,402.73	09/15/09	fire station flooded in Palo	Palo will relocate fire station
Jasper	Colfax	\$ 5,064.36			
Story	Collins	\$ 2,337.91	01/06/10	storm water backed up into citizen's basements	look for damaged tile & replace
Story	Colo	\$ 2,000.00	10/22/09	ponding occurs on city street after heavy rain	upgrade storm sewer intake

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Louisa	Columbus Junction	\$ 23,017.06	12/17/09	major damage sustained by water plant during flooding	repair water plant
Grundy	Conrad	\$ 2,434.09	09/08/09	sanitary sewer backup due to flooding	purchase two new trash pumps
Carroll	Coon Rapids	\$ 2,000.00	10/15/09	portions of golf course were damaged due to flooding & high winds	replace trees, reseed & rebuild portions of course that were damaged
Henry	Coppock	\$ 2,000.00	09/25/09	low resources for food pantry	replenish food pantry
Johnson	Coralville	\$ 568,495.18	10/12/09	flooding of multi-family dwellings caused abandoning of buildings & threat to public health & safety	purchase & remove buildings
Adams	Corning	\$ 10,982.94	12/02/09	1) flood damage to recycle center 2) flood damage to electrical at ball field	1) replace rock/asphalt base at recycling site 2) replace electrical system & lighting
Hancock	Corwith	\$ 5,956.80	09/11/09	sewer lines collapsed causing backups	televise & repair damaged sewer lines
Louisa	Cotter	\$ 2,000.00	12/17/09	walking path damaged & covered by debris after flooding	remove old sidewalk & bridge & replace
Pottawattamie	Council Bluffs	\$ 27,928.40	12/23/09	damage to levee & relief wells during flooding	construct replacement relief wells
Pottawattamie	Crescent	\$ 2,000.00			
Howard	Cresco	\$ 6,095.01			
Union	Creston	\$ 74,802.35	12/08/09	1) replace street damaged by heavy rains 2) replace unreliable warning siren system	1) remove & replace roadway at city intersection 2) replace antiquated warning system
Warren	Cumming	\$ 2,511.25			
Palo Alto	Curlew	\$ 2,000.00			
Palo Alto	Cylinder	\$ 2,000.00			
Humboldt	Dakota City	\$ 4,300.94	12/23/09	due to heavy rains & flooding city streets are deteriorating & manholes are needing rehabilitation	put in additional tiling & drain inlets, patch road
Des Moines	Danville	\$ 2,000.00	10/28/09	lift station pump motor required high use of power for motor startup	install a "soft-start" system to allow motor to start at lower amperage
Scott	Davenport	\$ 73,204.40			

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Webster	Dayton	\$ 2,707.39	11/25/09	1) flooding damage & erosion to rock street surface 2) flooding caused erosion of streets	1) construct concrete apron & berms 2) regrade street & add rock to surface
Winneshiek	Decorah	\$ 32,327.65			
Carroll	Dedham	\$ 2,000.00			
Poweshiek	Deep River	\$ 2,151.81	10/19/09	drive to city sewage lagoon washed out	need to place rock & rebuild drive
Clinton	Delmar	\$ 2,000.00			
Crawford	Deloit	\$ 2,067.33			
Ringgold	Delphos	\$ 2,000.00	09/30/09	ground cover under playground equipment washed away, debris caused by storms	replace ground cover, trim trees & remove debris
Crawford	Denison	\$ 13,118.68	09/23/09	1) get closure structure & access road to site 2) clogged drainage ditch & water backup on 7th St 3) clogged drainage ditch & water backup on Hwy 30 4) get closure structure & access road to site	1) build access road from storage building to closure site for levee on north side of river 2) clean & deepen ditch 3) clean & deepen ditch 4) build access road from storage building to closure site for levee on south side of river
Lucas	Derby	\$ 2,040.77			
Polk	Des Moines	\$ 345,396.36	12/16/09	flood damage to several properties along creek area & in need of buyouts	acquire flood prone properties through voluntary buyout; demolish structures
Clinton	De Witt	\$ 2,000.00	12/18/09	flooding of private property during heavy rains	install area drain to mitigate future flooding
Dallas	Dexter	\$ 3,151.30			
Ringgold	Diagonal	\$ 2,927.57	12/29/09	public street & ditch damaged by flooding	grind & repack existing material, filling of drainage ditch with rip rap, possible asphalt overlay
Scott	Donahue	\$ 2,000.00	10/08/09	1) requirements for wastewater facility to be three cell lagoon 2) new water system causes main breaks due to old main not handling the pressure	1) build a three cell lagoon per DNR specs 2) replace old main

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Lyon	Doon	\$ 2,000.00	10/06/09	need equipment to aid in the removal of debris for entire county	acquire an excavator for Lyon County
Crawford	Dow City	\$ 2,139.26	09/08/09	mud run off from hill covering streets & sidewalks	redirecting run off by reconstructing a berm
Davis	Drakesville	\$ 2,066.91	11/10/09	excessive rains caused pooling on roads due to no drainage	clean ditches & rework road bed
Dubuque	Dubuque	\$ 4,058.38			
Delaware	Dundee	\$ 3,850.54	12/21/09	1) power outage to pump station caused sewer back up in residences 2) waterway not flowing well due to washouts	1) put in trash pump with generator 2) lower culverts & bring in rock
Harrison	Dunlap	\$ 6,882.28	11/30/09	flooding caused back flow into lift station & lagoon cells	place gate valve in bypass from lift station & install influent gate valves to lagoon cells
Tama	Dysart	\$ 6,400.72	11/20/09	basement flooding due to infiltration & inflow of sanitary sewer lines during heavy rains	relining of sanitary sewer line
Wright	Eagle Grove	\$ 8,098.82	09/10/09	house adversely affected by flooding & impeded proper drainage of flood waters	remove house & restore area to proper drainage terrain
Delaware	Earlville	\$ 3,509.28			
Madison	East Peru	\$ 2,733.31	01/04/10	washout of rock & damage to street	raise roadway & resurface, clean ditches, new culvert
Wapello	Eddyville	\$ 13,708.35	09/25/09	sanitary sewer backup due to flooding & power outages	acquire a generator
Clayton	Edgewood	\$ 2,918.37	09/08/09	power failure for lift stations	purchase a backup generator
Wapello	Eldon	\$ 6,118.64	10/08/09	flooding caused extreme use of pumps creating excessive wear & tear of equipment	purchase a new pump & generator
Hardin	Eldora	\$ 4,013.63			
Scott	Eldridge	\$ 2,203.66	09/18/09	need of an emergency shelter due to recent power outages	refurbish an existing diesel generator & placing at community center
Fayette	Elgin	\$ 2,410.25	09/09/09	sewer plant under water due to flooding, damaging control panel	raise control panel

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Clayton	Elkader	\$ 30,067.49	01/07/10	1 commercial building demolished & 25 residential properties abandoned will impact city budget	assistance for increased costs associated with reevaluation & assessment of property
Clayton	Elkport	\$ 2,000.00	12/21/09	floodgate platform deteriorating due to numerous highwater events	repair floodgate platform
Montgomery	Elliott	\$ 3,742.64			
Hamilton	Ellsworth	\$ 2,115.01	12/11/09	flash flooding damage in city limits	engineer study to prevent/alleviate issue
Linn	Ely	\$ 2,046.84			
Mills	Emerson	\$ 3,395.32			
Dubuque	Epworth	\$ 2,456.88	06/12/09	need of an emergency shelter	purchase a generator for the fire department
Page	Essex	\$ 7,645.70	06/24/09	repeated damage to drainage ditch due to severe flooding	remove debris & repair drainage ditch
Black Hawk	Evansdale	\$ 68,474.98			
Appanoose	Exline	\$ 2,000.00			
Dubuque	Farley	\$ 3,436.73	09/11/09	flooding damage to public infrastructure & private property	repair streets & waste water facility
Fremont	Farragut	\$ 7,163.52			
Fayette	Fayette	\$ 3,181.21	12/28/09	mitigate potential flood area in city's downtown business district	construct a concrete flood wall along city side of river through town
Kossuth	Fenton	\$ 2,318.67	10/13/09	storms created need for public shelter during extended power outages	acquire portable generator
Marshall	Ferguson	\$ 2,223.11			
Worth	Fertile	\$ 2,699.23	12/23/09	damage to city park & corner lots from flooding due to old & deteriorating culvert	replace culvert
Davis	Floris	\$ 2,000.00	09/28/09	flooding of community hall	waterproofing of basement walls & divert water to creek behind building
Floyd	Floyd	\$ 2,404.19	12/15/09	warning siren must be set off manually delaying response time	install equipment to set off system remotely from dispatch
Pocahontas	Fonda	\$ 2,000.00	10/08/09	flooding caused sanitary sewer line collapse & backups occurred	replace sewer line
Winnebago	Forest City	\$ 2,430.54	09/14/09	infiltration problem with sanitary sewer caused by heavy rains	sanitary sewer lining & grouting improvements
Winneshiek	Fort Atkinson	\$ 3,274.88	08/30/09	City's ball field flooding	land purchase for ball field rotation & renovation

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Webster	Fort Dodge	\$ 18,887.54	12/16/09	storms & high winds damaged & uprooted several trees throughout town	storm cleanup, remove & dispose of debris
Lee	Fort Madison	\$ 47,076.11	12/18/09	1) damage to wall & fill around pickets for Old Fort Madison 2) damage & cracks to masonry at historic depot	1) replace wall pickets 2) repair damaged areas of masonry
Chickasaw	Fredericksburg	\$ 2,000.00	12/31/09	flooding occurred in private residences	sandbagging to prevent water reaching homes
Louisa	Fredonia	\$ 5,163.26			
Mahaska	Fremont	\$ 2,054.78	12/16/09	determined need for sustainable shelter for community during extended power outages & event of disasters	acquire generator at city community center to be used for shelter
Muscatine	Fruitland	\$ 2,000.00	10/14/09	ditches & roads flooded due to heavy rains	make drainage ditches
Clayton	Garber	\$ 2,103.50			
Decatur	Garden Grove	\$ 2,662.85			
Clayton	Garnavillo	\$ 2,000.00	10/20/09	issues with storm water drainage throughout community	hire engineer to complete storm water study & get cost estimate
Hancock	Garner	\$ 37,834.09			
Lyon	George	\$ 2,000.00	09/09/09	pump seals on old fire truck failed causing damage to pump	purchase new truck
Story	Gilbert	\$ 2,291.69	10/08/09	1) beehive lost from under street during flooding allowing debris to plug drain pipe 2) large portion of drainage area silted in due to heavy rains	1) digging up line, cleaning &/or replacing 2) dredging area to increase flow in tighter channel, decrease flooding in yards & homes
Black Hawk	Gilbertville	\$ 3,900.93	11/09/09	city was unable to pump out areas during flooding	purchase trash pump
Humboldt	Gilmore City	\$ 2,000.00	12/29/09	storm water infiltration in sewer system	place new liners or piping
Tama	Gladbrook	\$ 2,169.37	09/09/09	repair storm drain & holding basin	dig out & replace existing intake box

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Mills	Glenwood	\$ 2,763.84	08/30/09	repair, replace & upgrade street to correct & prevent future erosion after flood damage	install manhole, area inlet & cmp pipe extension
Carroll	Glidden	\$ 2,000.00			
Hancock	Goodell	\$ 2,058.76	12/30/09	no backup power for fire station	acquire backup generator for fire station
Clinton	Goose Lake	\$ 2,000.00	12/21/09	lack of adequate storm warning system	install a warning siren
Webster	Gowrie	\$ 6,421.21	11/06/09	issues with storm water drainage & ponding in some areas of community	extend storm sewer, add storm drain & reconstruct street
Palo Alto	Graettinger	\$ 2,000.00	10/05/09	infiltration problem with sanitary sewer caused by heavy rains	equipment to use for pumping sewer lines during flooding
Dubuque	Graf	\$ 2,000.00	12/23/09	culvert damaged during heavy rain & flooding	replace culvert
Clinton	Grand Mound	\$ 2,000.00	09/29/09	antiquated & unreliable outdoor warning system in the county	purchase unified warning system to cover county
Louisa	Grandview	\$ 2,000.00			
Montgomery	Grant	\$ 2,000.00	10/06/09	gravel washed away from roadway during heavy rains	replace gravel
Taylor	Gravity	\$ 2,000.00			
Butler	Greene	\$ 79,428.48	12/04/09	1) heavy rains caused standing water 2) storm sewer damaged by flooding 3) sewer lines filled with debris 4) flood waters killed grass in city park 5) river bank eroded by flood waters	1) Install storm sewer to handle excess water 2) replace storm water 3) clean & televise sewer lines 4) spray to kill weeds & reseed grass 5) place rip rap along river bank
Cass	Griswold	\$ 2,000.00			
Grundy	Grundy Center	\$ 2,771.37			
Poweshiek	Guernsey	\$ 2,000.00			
Guthrie	Guthrie Center	\$ 3,281.78	11/06/09	water backed up & flooded park area	reshape drainage to prevent flooding

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Clayton	Guttenberg	\$ 2,360.91	12/21/09	bank destabilization & erosion damage to storm basin reducing level of flood protection	restabilize bank with rip rap
Carroll	Halbur	\$ 2,000.00			
Marion	Hamilton	\$ 2,000.00			
Franklin	Hampton	\$ 7,541.36	08/20/09	flooding damage to public infrastructure & private property	purchase trash pumps (4) to be mobilized to strategic locations during flooding
Pottawattamie	Hancock	\$ 2,000.00	09/16/09	overburdened storm & sanitary sewers due to flooding	storm water study & manhole rehabilitations
Webster	Harcourt	\$ 3,688.27	12/30/09	no severe weather warning system in place	acquire siren
Keokuk	Harper	\$ 2,057.29	10/02/09	damage to trees & roadways	remove or trim damaged trees along roadway
Allamakee	Harpers Ferry	\$ 2,000.00			
Poweshiek	Hartwick	\$ 2,000.00	09/17/09	extended loss of power to City during ice storm	acquire a generator
Marion	Harvey	\$ 2,080.71	09/09/09	water flow in ditches was slowed due to flooding	extend drainage ditch
Mills	Hastings	\$ 3,515.14	01/04/10	warning siren doesn't work when power is out	update existing siren
Pocahontas	Havelock	\$ 2,000.00	12/30/09	house made uninhabitable by flooding	remove house & level lot for future use
Fayette	Hawkeye	\$ 2,131.31	09/09/09	discovered need for shelter during a storm related power outage	purchase generators for fire station & community hall
Buchanan	Hazleton	\$ 16,269.40			
Keokuk	Hedrick	\$ 3,049.05	12/29/09	need for emergency shelter during storms	acquire generator for civic center
Henry	Hillsboro	\$ 2,000.00	09/11/09	back filling food stuffs at Fellowship Cup food pantry	food is used to help disaster victims as well as for the Mobile Emergency Vehicle (MEV)
Dubuque	Holy Cross	\$ 2,033.67	11/04/09	excessive amounts of pumping at lift station when hydraulic pressure caused cracks in sewer line	rebuild pump
Delaware	Hopkinton	\$ 5,055.79	09/10/09	city's desire to offer citizen's more protection during storms	install a new weather siren
Hardin	Hubbard	\$ 2,054.99			

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Black Hawk	Hudson	\$ 4,231.31			
Humboldt	Humboldt	\$ 5,601.54	11/17/09	sewer backup into basements during flooding	remove & replace sanitary sewer in some areas & improve in others
Story	Huxley	\$ 2,287.93	12/28/09	damage to sewer lines leaked water into sewer system	repair sanitary sewer liens
Buchanan	Independence	\$ 11,323.77			
Warren	Indianola	\$ 11,391.31			
Lyon	Inwood	\$ 2,000.00	11/25/09	flooding caused siltation & erosion of ditches	purchase excavator to be used for ditch cleaning
Chickasaw	Ionia	\$ 2,000.00	12/17/09	needed easier way to fill sandbags to save on manpower and illumination for night time operations	acquire sandbagging machine & light tower/generator
Johnson	Iowa City	\$ 2,561,301.41	12/31/09	1) flooding river destroyed land in Taft Speedway neighborhood 2) flooding river destroyed land in Parkview Terrace neighborhood 3) destruction of many lower level Idyllwild condominiums 4) flooding of river destroyed land in Taft Speedway neighborhood 5) need to design levee to mitigate future damage caused by flooding 6) flooding of river destroyed church land in Taft Speedway neighborhood 7) need to restore city park damaged in flood 8) need to fill gaps in funding for housing rehab/repair 9) flooding of river destroying areas of Showers Estate	1) acquire & demolish homes for greenspace 2) buyout property in 100 year flood plain 3) paying for cleanup & winterizing expenses on five foreclosed units 4) purchase property in 500 year flood plain that could be damaged in future events 5) need to build floodwall to protect trailer home park 6) purchase land to prevent future building of homes in risk area 7) seeding, sod, tree replacement in park and along major streets 8) housing rehab/repair not covered by other funding needed gap funds 9) purchase land, demolish structures & turn to greenspace
Winneshiek	Jackson Junction	\$ 2,000.00			
Bremer	Janesville	\$ 23,646.24			
Polk	Johnston	\$ 6,348.44			
Hamilton	Kamrar	\$ 2,046.00			

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Hancock	Kanawha	\$ 3,121.19	10/23/09	sewer auxilary pump could not keep up with heavy rains & continually broke down	install new pump
Ringgold	Kellerton	\$ 2,369.90	11/13/09	rock & gravel washed from roads in city limits during flooding	haul rock & grade roads
Jasper	Kellogg	\$ 2,856.47			
Worth	Kensett	\$ 3,301.65	10/23/09	old city tractor/loader was unable to run water system generator during power outage	replace tractor/loader with newer, more powerful engine
Lee	Keokuk	\$ 4,869.90	09/16/09	flood damage to city property along river front	debris & water damaged river museum
Van Buren	Keosauqua	\$ 2,411.72	09/04/09	sanitary sewer backup due to flooding	purchase trash pump to be mobilized during flooding
Crawford	Kiron	\$ 2,597.61	09/11/09	flooding washed out streets	purchase & replace lost gravel
Warren	Lacona	\$ 2,173.34	12/21/09	lagoon fencing knocked over during flooding	support portions & replace other areas of fencing
Winnebago	Lake Mills	\$ 2,000.00	10/23/09	lift station unable to handle increase of water flow due to heavy rain causing water backup into sanitary sewer	replace two pumps at lift station
Buchanan	Lamont	\$ 22,674.55	01/06/10	lift station submerged & loss of power caused backup throughout city	move lift station control panel, install high water alarms & alternate power source
Jackson	La Motte	\$ 2,000.00	10/15/09	designated shelters don't have transfer switch to operate city well whn power is out	place transfer switch at designated shelter & city well
Carroll	Lanesboro	\$ 2,000.00	11/03/09	wind damaged to roof & rafters of city building	fix & replace damaged areas
Allamakee	Lansing	\$ 2,116.47			
Black Hawk	La Porte City	\$ 16,864.29	12/11/09	storm sewer collection system floods streets and adjacent properties during heavy rains	acquire pumps to remove water
Lyon	Larchwood	\$ 2,000.00	11/25/09	flooding caused siltation & erosion of ditches	purchase excavator to be used for ditch cleaning

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Cherokee	Larrabee	\$ 2,000.00	10/19/09	drainage problem in front of PO due to low grade & little or no curb & gutter	remove what exists of curb & gutter, install intake, replace curb & gutter
Pocahontas	Laurens	\$ 2,000.00			
Chickasaw	Lawler	\$ 2,106.85	11/10/09	stream bed damaged by flooding	repair stream bed by widening banks & replacing riprap, remove tree, clean up debris & reseed area
Scott	Le Claire	\$ 2,821.97			
Kossuth	Ledyard	\$ 2,000.00			
Webster	Lehigh	\$ 5,996.11			
Mahaska	Leighton	\$ 2,000.00			
Winnebago	Leland	\$ 2,037.85	12/30/09	lift station unable to handle increase of water flow due to heavy rain causing sewage backup into basements	acquire large trash pump to pump sewage from lift station directly to sewage lagoon
Decatur	Leon	\$ 3,853.25	12/31/09	increased sediment load increased water treatment cost	construct 2 water & sediment control basins
Lyon	Lester	\$ 2,000.00	11/25/09	flooding caused siltation & erosion of ditches	purchase excavator to be used for ditch cleaning
Louisa	Letts	\$ 2,000.00			
Cass	Lewis	\$ 2,000.00	09/29/09	roadways washed away & properties flooded	install a pipe to prevent flooding
Carroll	Lidderdale	\$ 2,000.00	09/15/09	damage to roof on city hall	replace roof
Linn	Lisbon	\$ 2,552.65			
Lyon	Little Rock	\$ 2,000.00	11/25/09	flooding caused siltation & erosion of ditches	purchase excavator to be used for ditch cleaning
Harrison	Little Sioux	\$ 2,007.32			
Humboldt	Livermore	\$ 2,266.18			
Harrison	Logan	\$ 2,065.03	12/07/09	standing water around lagoons	build retention pond & pipe water down to drain into discharge ditch
Scott	Long Grove	\$ 2,000.00	11/03/09	current siren is old & is set off manually	purchase remote terminal for automatic setoff
Union	Lorimor	\$ 2,900.18			
Clinton	Lost Nation	\$ 2,000.00	10/08/09	need shelter for citizens during extended power outages	acquire generator for supplemental power
Monroe	Lovilia	\$ 9,507.74	09/03/09	cemetery road washed out in flooding; silting & rock washed into ditches	ditching to remove silt & rock; new rock for cemetery road

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Clinton	Low Moor	\$ 2,000.00	11/24/09	wind storms	purchase & install outdoor warning siren system
Boone	Luther	\$ 2,144.28	08/05/09	ponding occurs in lowest section (SW) of city	improve drainage in SW section of town
Kossuth	Lu Verne	\$ 2,303.61	11/24/09	no public shelter in instances of power outages	purchase & install generator
Dubuque	Luxemburg	\$ 2,000.00			
Pottawattamie	Macedonia	\$ 2,000.00	12/30/09	repair water main break at water tower	tear out street to repair leak & repair street when completed
Boone	Madrid	\$ 2,531.11			
Ringgold	Maloy	\$ 2,000.00	12/06/09	gravel streets damaged by heavy rains forming ruts	repair roads & replace gravel
Delaware	Manchester	\$ 10,892.81			
Crawford	Manilla	\$ 2,085.73	11/23/09	problem foreseen for water runoff in new housing project	connect storm drains to detention pond
Worth	Manly	\$ 11,739.25	11/09/09	basements flooded in some areas; high lagoon capacity	remove roots & reline sanitary sewer in this area
Carroll	Manning	\$ 2,000.00			
Jackson	Maquoketa	\$ 2,074.65	10/12/09	repairs needed for storm water pump	parts for pump need to be fabricated at a machine shop
Floyd	Marble Rock	\$ 2,000.00			
Cherokee	Marcus	\$ 2,000.00	11/16/09	Loss of power during severe storms	put battery backup on main siren
Iowa	Marengo	\$ 6,016.39	12/28/09	standing water on streets caused backup in homeowners' basements	acquire trash pumps; purchase & install transformer at lift station for generator
Linn	Marion	\$ 120,258.39	04/20/09	1) Master traffic signal controller & 6 intersection controllers damaged after lightning strike 2) barricades & road signs washed away 3) repair road damage caused by flooding	1) replace traffic controllers 2) replace barricades, road signs & traffic cones not recovered from flooding 3) repair damage to roads
Marshall	Marshalltown	\$ 27,417.15	09/09/09	river banks washed out	river bank stabilization

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Keokuk	Martinsburg	\$ 2,000.00	05/04/09	1) removal of threatening trees/branches 2) sinking of streets due to insufficient drainage	1) tree/branch removal 2) replace tile under crossovers of streets
Cerro Gordo	Mason City	\$ 201,294.05	12/30/09	1) city personnel unable to unlock tornado safe room at campgrounds in timely fashion 2) electric switch gear at water reclamation facility not high enough 3) long term power outage caused battery backups of communication equipment to die 4) properties not in mapped flood area were damaged and in need of buyout 5) citizens in need of aid that did not qualify for other programs 6) historic band shell damaged & exposed to frequent moisture with no flow through structures to allow response to lateral flood flows	1) shelter activation system needed that would automatically unlock safe room when warning sirens sound 2) need to elevate electrical switch gear 3) need a generator for city hall 4) acquire & demolish 2 flood damaged properties 5) provide funding to county's long term recovery coalition 6) provide funds to retrofit structure with flow through vents & correct drainage around building
Delaware	Masonville	\$ 2,463.37	12/30/09	damage to city streets from flooding	repair potholes in streets, replace gravel
Cass	Massena	\$ 2,893.28	09/30/09	sandbagging done to contain flood waters but pump would have helped more	acquire trash pump
Story	Maxwell	\$ 3,006.61	12/17/09	town growth exceeds range of siren warning system	place another siren in town
Fayette	Maynard	\$ 2,670.37	12/30/09	erosion of ditch & street due to flooding	erosion abatement to include restore channel, storm sewer extension, culvert repair, rip rap, etc
Story	McCallsburg	\$ 2,019.86	09/15/09	flood damage to streets	repair road
Cedar	Mechanicsville	\$ 2,000.00	07/06/09	1) mitigate possible damage to city files 2) increase public awareness of storm preparedness	1) purchase fire proof filing cabinet for safe storage of records 2) fliers to citizens to increase knowledge & awareness of public facilities, sirens available during storms

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Des Moines	Mediapolis	\$ 2,000.00	12/22/09	need generator for a shelter area in cases of prolonged power outages	purchase generator capable of powering city hall, city shops & fire dept
Monroe	Melrose	\$ 2,000.00	10/26/09	heavy rains washed gravel off roads into drainage ditches	remove rock & debris from ditches & culverts
Guthrie	Menlo	\$ 2,206.59			
Cerro Gordo	Meservey	\$ 2,032.41	12/30/09	washouts & ponding water on roads; tree debris	need newer truck to handle hauling of rock & debris
Des Moines	Middletown	\$ 2,000.00			
Iowa	Millersburg	\$ 2,000.00			
Warren	Milo	\$ 3,249.58			
Van Buren	Milton	\$ 2,000.00	12/11/09	heavy rains washed rock away from city owned walking trail	replace rock
Dallas	Minburn	\$ 2,000.00	12/30/09	wate water collection system overwhelmed by infiltration of storm water causing overflow & damage to treatment facility	evaluate system deficiencies & damages; repair & improve system
Pottawattamie	Minden	\$ 2,000.00	09/09/09	water runoff from crainage ditch caused water damage & erosion	clean debris from ditch & build retaining wall
Harrison	Missouri Valley	\$ 2,032.62	09/17/09	water main was exposed & displaced due to erosion caused by flooding; main ruptured	repair water main & bury
Polk	Mitchellville	\$ 15,232.48	09/17/09	street damage due to flooding	repair chip sealed roads; oil & rock
Harrison	Mondamin	\$ 2,000.00			
Jasper	Monroe	\$ 3,008.91	09/24/09	not enough alert systems to be heard by all areas of city	acquire more emergency systems
Poweshiek	Montezuma	\$ 2,838.07	09/22/09	road to lagoons eroded during heavy rains	build up road base
Jones	Monticello	\$ 3,396.58			
Lee	Montrose	\$ 3,133.32			
Appanoose	Moravia	\$ 2,054.99			
Appanoose	Moulton	\$ 2,312.81	09/21/09	land side on one side of sewer lagoon cell	repair lagoon cell
Benton	Mount Auburn	\$ 2,043.49			
Ringgold	Mount Ayr	\$ 8,210.90	09/25/09	storm conditions washed out tubes & roadways; public access impossible	clean up debris; repair & replace tube & gravel on roadways

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Henry	Mount Pleasant	\$ 3,390.93	09/11/09	back filling food stuffs at Fellowship Cup food pantry	food is used to help disaster victims as well as for the Mobile Emergency Vehicle (MEV)
Van Buren	Mount Sterling	\$ 2,000.00			
Henry	Mount Union	\$ 2,000.00			
Muscatine	Muscatine	\$ 9,525.30	12/29/09	hole found in river wall/bulkhead beneath river surface causing cracks in building	improvements needed to remediate damages & improve wall/bulkhead
Appanoose	Mystic	\$ 5,465.41			
Chickasaw	Nashua	\$ 6,068.46			
Pottawattamie	Neola	\$ 2,000.00			
Story	Nevada	\$ 4,383.74	11/04/09	flooding caused damage to public infrastructure	improvements to West Indian Creek Trail below the UPRR Bridge crossing
Allamakee	New Albin	\$ 2,009.41			
Chickasaw	New Hampton	\$ 3,052.82	12/14/09	buyout property in flood plain due to being flooded several times	purchase property & demolish structure
Butler	New Hartford	\$ 122,821.74	12/31/09	damages from tornado & flooding	1) repair/rebuild portions of city hall 2) repair library 3) mitigate future flood problems 4) repair city buildings & equipment 5) repair city streets & sidewalks 6) buyout property 7) acquire emergency equipment
Henry	New London	\$ 2,118.98	12/21/09	inadequate storm sewers caused flooding of roadways, no proper drainage	dig ditches & install culverts or install storm sewer line
Taylor	New Market	\$ 2,000.00	10/07/09	extreme weather caused damage to city streets	repair streets
Hardin	New Providence	\$ 2,104.97	12/14/09	flooding of intersection	install a culvert
Mahaska	New Sharon	\$ 3,930.41	11/24/09	water flow in ditches was slowed due to flooding	install culverts

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Jasper	Newton	\$ 5,038.85			
Warren	New Virginia	\$ 3,011.42	12/03/09	roof damage to city building	repair/replace roof on building
Adams	Nodaway	\$ 2,721.60			
Clayton	North Buena Vista	\$ 2,239.00	10/21/09	flooding of creek & excessive runoff from hillsides	clear drainage ditches & install culverts
Johnson	North Liberty	\$ 2,475.28	09/18/09	controller for storm siren has been discontinued & manufacture will no longer service it	acquire front panel upgrade
Chickasaw	North Washington	\$ 2,000.00	12/17/09	needed easier way to fill sandbags to save on manpower and illumination for night time operations	acquire sandbagging machine & light tower/generator
Warren	Norwalk	\$ 16,233.44			
Appanoose	Numa	\$ 2,000.00	10/23/09	heavy rains washed gravel off city streets	smooth streets & place new gravel
Jasper	Oakland Acres	\$ 2,083.64			
Louisa	Oakville	\$ 326,208.71	12/30/09	1) levee breach caused flooding to all homes 2) debris needed to be removed 3) infrastructure & street enhancements	1) maintain incorporated status by purchasing houses slated for buyout & rehabilitate, resell 2) debris pickup & removal 3) develop park & update community building
Fayette	Oelwein	\$ 5,150.93	09/09/09	30 year old generator not functioning properly	purchase new generator
Boone	Ogden	\$ 5,548.64	06/05/09	washout of stormwater lines due to flooding	construct a new pipe to divert stormwater
Henry	Olds	\$ 2,000.00	09/11/09	back filling food stuffs at Fellowship Cup food pantry	food is used to help disaster victims as well as for the Mobile Emergency Vehicle (MEV)
Jones	Olin	\$ 16,623.20			
Monona	Onawa	\$ 2,000.00	09/14/09	dangerous old building weakened further by storms	razing structure
Adair	Orient	\$ 2,517.73			
Mitchell	Osage	\$ 2,992.18			
Clarke	Osceola	\$ 6,327.95	09/18/09	county bridge was destroyed	remove & replace bridge

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Mahaska	Oskaloosa	\$ 2,670.37	09/24/09	undersized & deteriorated storm sewer piping caused property damage during flooding	replace storm sewer piping
Winneshiek	Ossian	\$ 2,000.00	12/17/09	need shelter for citizens during extended power outages	acquire generator at city community center to be used for shelter
Webster	Otho	\$ 2,132.15			
Wapello	Ottumwa	\$ 20,072.30	12/21/09	antiquated storm pump engine becoming unreliable	replace old diesel engine
Johnson	Oxford	\$ 2,032.41	10/16/09	no backup power for city hall & fire station	acquire a backup generator for power
Jones	Oxford Junction	\$ 6,700.78	12/21/09	infiltration of manholes from ground water	replace & bolt down manhole covers, line manholes
Pocahontas	Palmer	\$ 2,000.00	09/07/09	standing water after storms, no drainage causing problems with new septic system	check all storm sewers in city limits and have them televised
Linn	Palo	\$ 504,127.51	12/30/09	<ol style="list-style-type: none"> 1) not enough drainage available for water 2) lift station too low causing sewage back up into homes & businesses 3) fire station flooded 4) basement flooding of several homes 5) rented pumps to lower sanitary sewer manholes & drain low lying areas 6) ponding of water in park & sediment deposited created unsafe playground 7) not enough boats for emergency rescue 8) homes flooded along Vinton street 9) creek drainage to fast, culvert too small creates sediment & poor water quality 10) water flow impeded by tree & brush growth in stream bed 	<ol style="list-style-type: none"> 1) install culverts 2) raise electrical & manholes 3) add raised floor addition for equipment storage; install generator 4) place berm & drainage swale to direct water on quicker route 5) purchase pump for city 6) soil boring showed area to make good absorption area 7) commission shallow draft large capacity open bow rescue boat 8) bore another culvert under Vinton street 9) increase retention & detention in Dry Creek floodway, increase culvert size 10) clear cut brush & trees 20 feet either side
Linn Co Soil Conservation	Palo	portion of city's funds received	12/31/09	flooding caused the city to focus more on stormwater infiltration technologies in their design of expected city growth	design & construction of bioretention facility and/or other infiltration based practice to reduce storm water runoff

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Butler	Parkersburg	\$ 212,290.41			
Iowa	Parnell	\$ 2,000.00			
Dubuque	Peosta	\$ 2,129.43	07/09/09	loss of power to City's main lift station	install backup generator
Dallas	Perry	\$ 4,117.97	12/23/09	many properties suffered water damage from flooding	lower railroad right-of-way to allow adequate drainage, raise manholes in area to alleviate infiltration of storm water, repair section of sewer line
Humboldt	Pioneer	\$ 2,238.58			
Bremer	Plainfield	\$ 6,752.63			
Appanoose	Plano	\$ 2,163.93	09/10/09	rock washed from streets causing erosion	grade & add new rock
Polk	Pleasant Hill	\$ 4,450.44	11/23/09	1) bank erosion along creek 2) debris deposited in park 3) electrical service panel damaged 4) bank erosion up & downstream of boat ramp; debris near ramp	1) place bank stabilization along creek 2) remove debris 3) repair & raise electrical panel 4) place bank stabilization material; remove debris
Marion	Pleasantville	\$ 3,104.68			
Pocahontas	Plover	\$ 2,000.00	12/30/09	city water tower in need of repair	repairing & painting of tower inside & out
Cerro Gordo	Plymouth	\$ 2,565.62	09/11/09	lift stations unable to handle increase of water flow due to flooding; sewage backup into households	purchase trash pump
Pocahontas	Pocahontas	\$ 2,000.00	12/31/09	mosquito outbreak due to standing water; storm sewers plugged with debris	large campaign to spray mosquitos; clean out & unplug sewers
Polk	Polk City	\$ 5,015.01	09/14/09	sanitary sewer backup due to flooding	undertake study of sanitary sewer system infiltration & inflow
Allamakee	Postville	\$ 2,472.15	12/30/09	trash pumps unable to keep up with demand	acquire new pumps
Adams	Prescott	\$ 3,802.23			
Wayne	Promise City	\$ 2,000.00			
Howard	Protivin	\$ 2,360.28			
Davis	Pulaski	\$ 2,000.00			
Buchanan	Quasqueton	\$ 4,706.38			

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Cherokee	Quimby	\$ 2,000.00			
Carroll	Ralston	\$ 2,000.00	12/30/09	trees damaged in storms	remove debris & replace trees
Fayette	Randalia	\$ 2,000.00	12/08/09	no power for shelter during outage	acquire generator
Appanoose	Rathbun	\$ 3,618.85			
Bremer	Readlyn	\$ 2,378.26			
Ringgold	Redding	\$ 2,004.39			
Dallas	Redfield	\$ 3,024.80	09/30/09	flooding caused storm & sanitary sewer problems	camera & clean sanitary sewer & storm drains; remove excess silt in ditches; fix sinkholes
Grundy	Reinbeck	\$ 2,000.00	09/17/09	heavy rains caused damage to manholes	rehab manholes
Humboldt	Renwick	\$ 2,508.32	12/29/09	areas of storm sewer collapsed or clogged	repair & replace tile
Howard	Riceville	\$ 2,118.98	12/21/09	DNR requiring city to install electrical disconnect switch on outside of water system pump house, need to rewire building to do	update electrical service for water system pump house to be compliant with national code
Dubuque	Rickardsville	\$ 2,000.00			
Crawford	Ricketts	\$ 2,170.42	12/30/09	sewer plant water flow problem & flow meter damaged	install check valve with switch to activate if high water occurs; replace flow meter
Fremont	Riverton	\$ 2,395.62			
Lyon	Rock Rapids	\$ 2,000.00	12/30/09	infiltration of storm water into sanitary sewer manholes overloaded lift stations & treatment equipment	manhole restoration by relining sanitary sewer manholes
Floyd	Rockford	\$ 5,471.27			
Palo Alto	Rodman	\$ 2,000.00			
Story	Roland	\$ 2,594.47	12/22/09	stream bank erosion	place rip rap along eroded bankline
Pocahontas	Rolfe	\$ 2,000.00	12/28/09	no generator backup at water plant, lift station or designated shelter during power outages	generator donated to city, need to build trailer & equip facilities & generator with correct electrical hardware
Henry	Rome	\$ 2,000.00	09/11/09	back filling food stuffs at Fellowship Cup food pantry	food is used to help disaster victims as well as for the Mobile Emergency Vehicle (MEV)
Mahaska	Rose Hill	\$ 2,206.17			

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Floyd	Rudd	\$ 2,675.39	09/28/09	alarm system needed on water tower	purchase & install alarm system & sensors
Polk	Runnells	\$ 2,198.65	09/17/09	community center used for a shelter but not equipped for generator if power is needed	upgrade community center electrical system
Palo Alto	Ruthven	\$ 2,000.00			
Delaware	Ryan	\$ 2,391.02			
Dubuque	Sageville	\$ 5,219.93			
Mitchell	Saint Ansgar	\$ 6,436.47	12/22/09	debris filled ditches & culvert causing damage to streets, sewer main & residents basements	hire engineer to create study on ground water flow problems
Marshall	Saint Anthony	\$ 2,000.00			
Jackson	Saint Donatus	\$ 2,000.00			
Fayette	Saint Lucas	\$ 2,928.19	12/08/09	no power for shelter during outage	acquire generator
Clayton	Saint Olaf	\$ 2,000.00	12/14/09	power panel for wastewater system is in area that gets flooded	move power panel to cement block building at higher elevation
Henry	Salem	\$ 2,017.15	09/11/09	back filling food stuffs at Fellowship Cup food pantry	food is used to help disaster victims as well as for the Mobile Emergency Vehicle (MEV)
Crawford	Schleswig	\$ 2,052.07	09/29/09	storm water not draining properly causing damage to property & infrastructure	install storm water drainage system
Wayne	Seymour	\$ 2,000.00	09/11/09	storms & flooding washed away rock from residential streets	replace rock washed from residential streets
Union	Shannon City	\$ 2,181.50			
Franklin	Sheffield	\$ 5,763.59	10/29/09	heavy rains caused damage to storm sewers, ditches & blockage of water ways	cleaning or replace sewer lines, remove debris, replace intakes
Polk	Sheldahl	\$ 2,000.00			
Butler	Shell Rock	\$ 29,583.01	12/30/09	infiltration in sewer lines due to flooding	jet clean, grout & line sewer lines
Benton	Shellsburg	\$ 2,568.96	09/22/09	flooding eroded creek bank & washed away rip-rap	grade & replace fabric & rip-rap
Page	Shenandoah	\$ 18,826.70	10/15/09	warning sirens getting old and not providing needed coverage for the community	determine placement & number of sirens needed for proper coverage
Johnson	Shueyville	\$ 2,000.00	12/21/09	heavy rains eroded ditches causing sediment to fill culverts & drainage facilities	clean & remove debris from culverts & ditches

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Keokuk	Sigourney	\$ 3,396.58			
Story	Slater	\$ 2,000.00	12/16/09	storm caused power outage & tree debris throughout city	clean up & disposal of tree debris
Johnson	Solon	\$ 2,000.00			
Winneshiek	Spillville	\$ 3,382.57			
Jackson	Springbrook	\$ 2,000.00	10/15/09	sewage back-up do to power outages	purchase generator to operate lift station
Linn	Springville	\$ 3,665.48	01/04/10	continual threat of flooding of lift station & wet well necessitates sand bagging around manhole during each event	raise manhole 2 feet & pour concrete pad around it securing with fence; purchase & install back up generator
Hamilton	Stanhope	\$ 3,480.22	10/21/09	water infiltration & penetration into community building	waterproofing the community building
Montgomery	Stanton	\$ 7,194.04			
Van Buren	Stockport	\$ 2,000.00			
Story	Story City	\$ 3,685.35			
Grundy	Stout	\$ 2,000.00			
Hamilton	Stratford	\$ 5,804.16	09/08/09	sanitary sewer backup due to flooding	install dual wall tile to replace outdated storm sewer lines
Jasper	Sully	\$ 2,163.10	11/25/09	siren warning system does not cover entire community	purchase weather radios for citizens in uncovered areas
Bremer	Sumner	\$ 3,805.79			
Marion	Swan	\$ 2,000.00	09/25/09	heavy rainfall caused washouts	fill washout areas & repair streets
Tama	Tama	\$ 2,974.62	11/18/09	no generator backup at water plant for power outages	purchase generator for water plant
Carroll	Templeton	\$ 2,000.00	09/25/09	roads washed out from storms	reconstruct road & install storm sewer
Union	Thayer	\$ 2,072.56	09/23/09	clogged ditches backed up streets	clean/repair culverts & ditches
Winnebago	Thompson	\$ 2,000.00	09/23/09	pooling of water caused increase of mosquitos	spray for mosquitos
Keokuk	Thornburg	\$ 2,004.39			
Ringgold	Tingley	\$ 2,062.73	09/16/09	rock washed from streets during flooding	purchase & replace rock
Tama	Toledo	\$ 4,369.73			
Clinton	Toronto	\$ 2,000.00	01/03/10	extreme flooding of city intersection	enlarge drop box to take on mor storm water
Tama	Traer	\$ 3,118.48			

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Pottawattamie	Treynor	\$ 2,000.00	09/22/09	storm water damaging street from underneath	repair street damage from water fun off; fill in voids
Bremer	Tripoli	\$ 2,230.01	10/27/09	flooding of downtowns area (no curb or gutters in this area)	install storm sewer, curbs & gutters
Madison	Truro	\$ 4,384.58			
Appanoose	Udell	\$ 2,000.00	11/25/09	water standing in ditches from heavy rains	clean ditches & culverts; grade for better drainage
Pottawattamie	Underwood	\$ 2,000.00			
Hardin	Union	\$ 2,114.17	12/04/09	warning sirens getting old & unreliable	purchase & install new siren
Appanoose	Unionville	\$ 2,000.00			
Johnson	University Heights	\$ 2,000.00	09/17/09	nothing for city hall & police dept to function if power goes out	purchase backup generator
Benton	Urbana	\$ 5,203.20			
Monona	Ute	\$ 2,012.76	11/30/09	heavy rains caused concrete blocks to fall out of retaining wall at park	remove retaining wall & seed side of hill
Crawford	Vail	\$ 2,206.17			
Dallas	Van Meter	\$ 2,000.00	09/04/09	loss of power; unable to use generators at two city water pump houses	install electrical transfer switches to allow use of back-up generators
Pocahontas	Varina	\$ 2,000.00	01/03/10	need electric backup for city wells during power outage	install generator
Webster	Vincent	\$ 2,117.72			
Benton	Vinton	\$ 138,404.71	12/22/09	1-5) severe flooding caused large amount of property damage	1) local match for moving expenses for owners of purchased property 2) purchase property, turn to greenspace 3) purchase property, turn to greenspace 4) drainage ditch improvement 5) purchase HESCO barriers & other supplies for flood mitigation
Clayton	Volga	\$ 2,000.00			
Fayette	Wadena	\$ 2,145.53	12/30/09	heavy rains backed up water in yards & basements	replace inefficient storm drains

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Scott	Walcott	\$ 2,000.00	12/30/09	flooding from local creek	clean debris from creek to help water flow
Louisa	Wapello	\$ 2,637.13	09/14/09	increase cost to city for fire & police response	place grant money in general fund to cover extra costs
Washington	Washington	\$ 2,081.13			
Black Hawk	Waterloo	\$ 653,165.84			
Allamakee	Waterville	\$ 2,000.00			
Fayette	Waucoma	\$ 3,515.77			
Allamakee	Waukon	\$ 2,450.40	12/29/09	heavy rains overloaded sewer system	smoke test in problem areas
Bremer	Waverly	\$ 312,708.17			
Henry	Wayland	\$ 2,000.00	09/25/09	low resources for food pantry	replenish food pantry
Hamilton	Webster City	\$ 22,904.15	12/14/09	damage to home in flood plain area	buyout owner & demolish home
Grundy	Wellsburg	\$ 2,073.39	09/28/09	trash pumps kept too far from sewer treatment plant; backup into basements	construct building for trash pump at sewer plant
Clinton	Welton	\$ 2,000.00			
Kossuth	Wesley	\$ 2,423.22	10/15/09	flooding throughout town	construct retention basin & install larger tile
Palo Alto	West Bend	\$ 2,000.00	11/24/09	recurring street flooding cause for potential accidents & property damage	install additional storm water intakes, piping & reshaping to ensure proper water flow
Cedar	West Branch	\$ 2,353.17	12/30/09	waterway filled with debris; shoulder damage to roadway	excavate fill from waterway & reshape roadway & shoulder area for proper flow
Des Moines	West Burlington	\$ 2,000.00	11/25/09	senior & low income residents need for potential disaster before occurrence	purchase NOAA weather radios for these residents
Polk	West Des Moines	\$ 12,222.69	12/11/09	river flooding majority of city recreational park	pave gravel parking lot that was covered in silt & damaging most of surface area
Muscatine	West Liberty	\$ 2,000.00			
Fayette	West Union	\$ 9,085.35			
Fayette	Westgate	\$ 2,000.00	12/08/09	no power for shelter during outage	acquire generator
Crawford	Westside	\$ 2,000.00	12/16/09	storm sewer & drainage ditch blocked with debris caused by flooding	remove debris
Henry	Westwood	\$ 2,000.00	09/11/09	back filling food stuffs at Fellowship Cup food pantry	food is used to help disaster victims as well as for the Mobile Emergency Vehicle (MEV)

COUNTY	City	Total Amount	Spending Report	Problem Description	Project Proposed
Keokuk	What Cheer	\$ 2,046.42			
Clinton	Wheatland	\$ 2,000.00			
Hardin	Whitten	\$ 2,000.00	12/14/09	water standing in yards & not draining away	lower alley & lay new rock base to allow for drainage of area
Carroll	Willey	\$ 2,000.00	12/28/09	no storm warning system in town	purchase siren
Hamilton	Williams	\$ 2,878.01	09/21/09	sanitary sewer backup due to flooding	repair infiltration areas of sewer
Iowa	Williamsburg	\$ 2,000.00			
Lucas	Williamson	\$ 2,500.59	01/04/10	flooding caused ditches to collapse & destroyed culverts causing water to stand in roads & yards	ditching & culvert replacement
Muscatine	Wilton	\$ 2,000.00	10/06/09	need better coordination for testing of warning sirens	update from manual to radio controlled warning system
Polk	Windsor Heights	\$ 4,129.47	10/15/09	park shelter house located in flood plain	tear down & build new community center
Hancock	Woden	\$ 2,073.60	09/21/09	slow flowing main tile on west side of town	install clean out ports into tile to allow regular jetting
Harrison	Woodbine	\$ 2,103.50	11/25/09	flooding washed soil from under steps to pump house pulling them from structure creating hazard	replace steps & foundation
Clarke	Woodburn	\$ 2,113.33	09/22/09	heavy rainfall damaged culverts	replace culverts
Dubuque	Worthington	\$ 3,810.60			
Jones	Wyoming	\$ 2,090.54	12/22/09	flooding caused erosion of bank at sewer lagoons	rip rap eroded areas & repair fencing
546			359		

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
purchased rock & placed on roadways	\$ 65,902.55	county secondary road funds	project successful as roads are safer to drive on
purchasing generators for shelters & NOAA weather radios for special needs population	\$ 55,000.00	Not stated	exercises will be performed to test all equipment
1) purchasing fencing materials & security cameras for parking area 2) building new secured parking lot for LE center with geothermal well field 3) contracted landscaper to repair lawn	1) \$ 59,231.50 2) \$ 6,700.00 3) \$ 2,640.00	1) general funds 2) none 3) none	1) project will be deemed successful upon completion 2) project will be deemed successful upon completion 3) project completed successfully
1) purchased generator with installation to be completed by June 1, 2010 2) purchased & installed submersible pump with a pitless unit onto well casing 3) will purchase & install generator with switchgear & pour concrete for base on exterior of building	1) \$ 143,688.00 2) \$ 21,512.00 3) \$ 180,000.00	1) none 2) none 3) county funds	1) not stated 2) not stated 3) not stated
1) purchased river gauges & will install soon 2) safety equipment purchased 3) ATV & trailer purchased & delivered 4) purchased 16,000 sandbags & may get more if funding allows	1) \$ 2,250.00 2) \$ 1,886.08 3) \$ 12,862.00 4) \$ 4,000.00	none	1-4) projects have been determined successful by delivery of purchased items
design & materials purchased	\$ 96,000.00	local funds	success will be measured by not having to replace granular surfacing after flooding
new salt shed was constructed	\$ 58,212.62	insurance payment & county engineering funds	new shed was completed
1) built new gravel driveway in new location 2) planted grass seed & trees along roadway	1) \$ 2,384.97 2) \$ 2,305.53	resource enhancement & protection fund	1) observation during heavy rains will determine success 2) all plantings are growing as planned

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
1) have filed all appropriate paperwork with corps of engineers 2) placed rip-rap along river bank	1) \$ 300,000.00 2) \$ 63,055.00	1) local secondary road funds; section 14 emergency streambank & shoreline protection funds 2) local secondary road fund	1) periodic inspections of river channel after flood events 2) river bank will be evaluated after flood events
locations determined & gauges placed with data collection system set by NWS to be followed by volunteers; weather radios purchased	\$ 12,896.62	none	gauges will assist NWS in flood forecasts; weather radios being utilized is determination of success
purchased two Federal Signal brand sirens & had them installed	\$ 14,818.20	Not stated	test of system proved it was operational
purchased sandbagging machine & light tower/generator	\$ 17,948.43	combined city's & the county's CDG funds	have used light/tower generator several times & have had training for the sandbagging machine
removed remains of old bridge & replaced with new bridge	\$ 92,448.27	CDG from City of Osceola & county secondary road fund	determined by Board of Supervisors, county secondary road dept & public as success
building was cleaned; replacement items were purchased	\$ 8,306.00	none	project was successful due to completion
contractor hired for project	\$ 5,439.28	drainage district #8 funds	nearby properties have been less subject to flooding due to better creek flow
will replace bridge with 66" metal culvert in April 2010	\$ 16,561.00	county highway funds	success will be determined when project is complete & road is open
purchased lightning surge protection system & installed	\$ 14,437.59	local option sales tax	Not stated
1-4) purchased 4 generators	\$ 160,800.00	local funds	1-4) generators are tested on a weekly basis

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
1) installed 2 metal culverts; broke up rock to be used as erosion stone at in & outlets 2) hauled in & placed erosion stone 3) hauled in & placed erosion stone	1) \$ 23,255.07 2) \$ 9,808.60 3) \$ 6,341.93	1) maintenance fund 2) maintenance fund 3) maintenance fund	1) success will be measured by continued observation of water flow 2) erosion stone is heavier than before 3) erosion stone is heavier than before
project let for bid, awarded & completed within reasonable time	\$ 125,132.85	NRCS grant & County funds	engineer inspection has approved completed work
replaced culvert	\$ 24,359.88	secondary road maintenance funds	project was successful due to completion
replace/upgrade to newer digital system	\$ 27,311.00	general fund	components installed and training completed expanding capabilities in communications
1) placed new signs on stronger wooden posts & concreted in at better locations 2) built new shelter & replaced roof on bathhouse	1) \$ 755.56 2) \$ 15,944.00	1) emergency reserve funds 2) emergency reserve funds	1) not stated 2) not stated
restock food stuffs & act as a drop off point for clothing & other essential items	\$ 15,698.33	FEMA	proven successful by providing Red Cross food for most recent flooding
purchased two 3" portable trash pumps	\$ 3,011.99	Not stated	pumps will be on hand for stress rainfalls
purchased a 6" portable pump to be placed at flood gates	\$ 19,054.00	City of Baldwin CDG	measure will be next heavy rain that closes flood gates & if pump keeps overflow at bay
1) purchased several computers w/software & phones to use in volunteer coordinating center 2) purchased & installed 2 outdoor warning systems	1) \$ 11,689.86 2) \$ 41,070.00	none	1) testing of equipment functionality completed 2) testing of both sirens has proven their functionality

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
1) purchased & installed generator in courthouse 2) County long term recovery team prioritizing dispersal of funding	1) \$ 7,618.86 2) \$ 5,054.44	1) none 2) None	1) success determined by receiving equipment 2) success determined by team achieving goals they set forth
concrete pad has been constructed & will finish electrical for switch soon then generator will be ready	\$ 5,788.07	none	Not stated
1) purchased two trash pumps, suction & discharge hose kits 2) purchased generator, 150 ft of cable	1) \$ 1,655.59 2) \$ 1,827.55	1) EMA budget 2) none	1) pumps will be on hand for stress rainfalls 2) generator placed in emergency vehicle and has been used successfully to operate radio system for short time
1) roadways were repaired 2) replaced boat ramp 3) removed debris & sediment deposits 4) replaced lost road rock; leveled rock & repaired damaged road surfaces	1) \$ 14,503.47 2) \$ 68,532.13 3) \$ 17,720.63 4) \$ Combined with 2	1) FEMA 2 - 4) local funds	1) roadways are back in use & stable 2-4) satisfaction will be based on users of facilities
1-13) removed debris, graded slopes, filled open voids with flowable mortar 14) repaid local fund 15) monitored & applied larvacide in affected areas; surveyed abandoned structure areas for rodents; mold consultation to flood affected areas	1-13) \$ 126,388.66 14) \$ 33,320.00 15) \$ 65,000.00	1-13) EWP 14) none 15) local funds	1-13) all sites will continue to be monitored by secondary road staff 14) successful care taking & relocation of these individuals 15) vector control & consultation services well received by community
1) reshaped, stabilized, placed riprap & reseeded river bank 2) removed debris, placed engineering fabric & riprap, will reseed area around bridge & abutments	1) \$ 28,431.00 2) \$ 31,467.00	1) EWP 2) EWP	1) not stated 2) not stated
will remove debris & sediment; will repair road right of way & streambank as well as add preventive measures to mitigate future damage	\$ 19,453.00	none	Not stated

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
purchased excavator & has been used for removing debris from ditches & cleaning of culverts	\$ 243,390.00	CDG from Cities in county & county secondary road fund	Equipment received & available for use in the future
replaced drainage structure	\$ 49,906.02	local funds	Not stated
1) will be letting contract in Feb 2010 2) will be letting contract in Feb 2010	1) \$ 19,306.00 2) \$ 18,960.00 (estimated costs)	local funds	both projects should stabilize fore slopes to prevent from sliding, will know with passage of time
repaired stream bank erosion with rip-rap placement & concrete grout	\$ 9,578.00	County funds	Not stated
1) hired contractor to repair & restore levees 2) contractor hired to perform project goals	1) \$ 100,000.00 2) \$ 545,904.46	1) local taxes 2) local secondary road fund	1) completion of project & holding back flood waters is the measure of success 2) performance of pavement in major flood events will be measure of success
project work within county right of way	\$ 48,983.00	local funds	will review project on 2 year basis
contractor hired for project	\$ 15,000.00	courthouse department budget	project will be monitored throughout by board of supervisors member & co auditor
purchase HESCO barriers that can be stored on site and deployed quickly in approx 8 hours	\$ 200,000.00	County funds	Have not been used yet but are stored at the facility and ready to be used when needed
purchased & installed pagers	\$ 2,960.00	none	pagers successfully installed and are tested once a month
purchase was made of barricades & fencing	\$ 3,514.45	road funds	the ability to place warning signes at roadways needing closure during flooding

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
1) purchased & installed natural gas generator 2) hired contractor to pick up & remove tires 3) condemned 12 structures, removed asbestos & contractor will demolish & remove structures	1) \$ 33,950.00 2) \$ 12,764.05 3) \$ 28,615.00	1) none 2) none 3) none	1) generator is operational 2) all tires have been removed & disposed 3) 12 structures to be demolished in December 2009, rest will be removed after first of year
will reshape bank slope & place rip rap over erosion control fabric along bank	\$ 29,768.06	none	will fall into continuous inspection schedule maintained by the county
bids taken to purchase & replace damaged air conditioning unit	\$ 29,360.00	Insurance carrier, FEMA & county general fund	unit installed & performed as anticipated
city maintenance personnel replaced culverts & repaired streets	\$ 3,403.23	City road use funds	Culverts have held up during heavy rains and water has remained in the ditches, not going over street intersections
1) placed new tube under street 2) dug out old tile & replaced 3) cleaned out ditch & tube 4) created overflow area to by-pass culvert 5) replaced culvert	1) \$ 742.62 2) \$ 156.00 3) \$ 120.00 4) \$ 80.00 5) \$ 180.00	none	1) not stated 2) not stated 3) not stated 4) not stated 5) not stated
purchased generator	\$ 3,000.00	city improvement fund	Not stated
applied rock to fill in washed out areas	\$ 6,000.00	sewer utility funds & general fund	public works director says the rock has filled in the washout areas
fuel was drained, disposed of & replaced	\$ 1,424.42	federal funds	project completed

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
contractor hired for project	\$ 6,800.00	local road funds	observation during rains by city employees have determined street drains properly
video taping of sewer system	\$ 35,000.00	sewer dept operating budget	documentation of problem areas completed successfully
1) shed was built for the generator 2) purchased & installed backup generator at fire station	1) \$ 3,015.00 2) 3,300.00	1) city funds 2) city funds	1) monthly checks will be done 2) not stated
purchased & installed new electronic scoreboard	\$ 3,474.20	Arcadia little league contribution	scoreboard is functioning correctly
electrician rewiring city hall/fire station & will place electrical box inside the building	\$ 2,436.39	general fund if needed	success of project determined by completion
replaced one culvert & cleaned out the other	\$ 2,135.00	LOST funds	water is properly directed & not pooling
installed storm sewer pipe	\$ 2,919.94	city funds	Not stated
added rock along roadway edges	\$ 3,000.00	city funds	monitor roadway, adding rock as needed
purchased new radios for city employees	\$ 1,984.00	none	new radios have been determined more reliable & useful than the old ones
purchased 3" diaphragm pump with 3" suction & discharge hoses	\$ 2,010.00	city's storm water utility fund	pump will be on hand for stress rainfalls
purchased trash pump & hoses	\$ 2,145.15	city funds	pump will be on hand for stress rainfalls
purchased a 6" portable pump to be placed at flood gates	\$ 19,054.00	City of Baldwin CDG	measure will be next heavy rain that closes flood gates & if pump keeps overflow at bay
Council chose 7 of the 12 repairs for contractor to repair	\$ 26,075.96	City's Road Construction (RUT) Savings Account	Mayor & City Council evaluated completion of project

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
purchased & installed transformer & power supply	\$ 2,800.00	city funds	will have a fully functional warning siren
purchased sandbagging machine & light tower/generator	\$ 17,948.43	combined city's & the county's CDG funds	have used light/tower generator several times & have had training for the sandbagging machine
purchased & demolished house	\$ 3,697.62	loan	project completed removing habitat for animals, success to be determined by sale of property for new home
video inspection of suspect areas of community's collection system	\$ 28,000.00	sewer revenue funds	project identified problem areas that need significant work to fix
Purchased property, paid taxes & asbestos removal, used as fire training, removed debris	\$ 28,255.00	Not stated	Not stated
purchased five (5) 2" portable pumps & 5 sets each of suction & discharge hoses	\$ 2,106.73	city storm sewer fund	pumps will be on hand for stress rainfalls
removed & replaced old roof	\$ 2,965.00	city funds	will inspect on regular basis
replaced driveway tubes; removed trees along roadway; graded & graveled street	\$ 2,351.64	none	ditches remain clear for flow of water
bladed roads & added new gravel	\$ 2,266.47	I-Jobs	roads restored to safe, driveable condition
replaced culvert with 48" plastic	\$ 10,565.92	Not stated	Not stated
residents allowed to bring tree debris to city maintenance shed for grinding & hauling	\$ 4,600.00	city funds	debris has been successfully removed
hired architect to design	\$ 7,500.00	City funds	Once funding for the building project is obtained, this will be considered successful
1) cleared debris, sloped bank, placed rip rap & turf reinforced mats to stabilize bank	1) \$ 87,212.09	1) NRCS Grant	1) bank is stabilized
2) hire consultant; install 24" RCP culvert & grade ditches to drain	2) \$ 36,883.60	2) City's storm sewer revenue	2) proper drainage occurring

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
purchased, installed & leveled rock in alleys	\$ 2,000.00	none	alley travel safer for all vehicles
estimate was taken and roof was repaired	\$ 3,768.37	city funds	roof is finished with no leaking
hired engineering firm to design project, survey & easements	\$ 442,750.00	have applied for CDBG funds	alleviating water flow should prevent back up of water
1) replace bridge decking, repair eroded abutment berm 2) replace & grade gravel on streets	1) \$ 23,017.14 2) \$ 5,557.49	1) FEMA, county & city funds 2) FEMA & city funds	Not stated
purchased & replenished roadstone	\$ 3,500.00	road use funds	roadstone is replaced & roads are driveable
contractor hired for project	\$ 77,000.00	FEMA & city funds	Not stated
purchased newer used generator with automatic switch	\$ 5,792.28	sewer funds	project will be successful when generator performs as expected
purchased & waiting installation of generator	\$ 3,800.00	city funds	not stated
purchased & replaced outdated radio equipment	\$ 2,200.00	Not stated	Not stated
replaced two culverts & spread new rock on walking trails	\$ 2,285.82	city road funds	project success determined by culverts working properly & trails being safe to use again
purchased & installed three additional sirens & moved one existing siren	\$ 52,102.84	local property tax dollars	positive feedback from citizens
enhanced ground; aerial mosquito spraying	\$ 2,850.00	none	project was successful due to completion
purchased 24" tractor-driver trailer-pump	\$ 22,076.00	City funds	increased city's storm water pumping capacity

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
hauled & filled in deep washouts, road was bladed	\$ 9,000.00	Not stated	will continue to blade road with hope more money will come in to help fix properly
1) city council approved recommendation for implementing Jumpstart Gap Funding program 2) hired engineering firm to design project to be let in spring 3) received titles to both companies' structures, completed asbestos testing which will be removed in early 2010 & buildings demolished	1) \$ 151,478.00 2) \$ 350,000.00 3) \$ 225,000.00	1) none 2) none 3) local incentive funds	1) performance measures met 2) performance measures set & on schedule 3) performance measures set & on schedule
1) corridor recovery web site functions to serve as a resource for flood recovery 2) direct assistance was provided to homeowners for unmet housing needs 3) neighborhood development corps formed to provide assistance to flooded areas 4) blitz build with Habitat for Humanity provided 20 homes in established areas 5) sub-recipient grant agreement in place to assist neighborhood organizations 6) repair projects in parks were identified & planned with work underway 7) assistance to be provided to small businesses for recovery expenses not funded through other programs 8) direct assistance will be provided to rental propwerty owners for expenses not covered through other programs 9) purchased new equipment 10) development of parks & rec master plan	1) \$ 37,500.00 2) \$ 39,965,034.00 3) \$ 1,500,000.00 4) \$ 1,000,000.00 5) \$ 100,000.00 6) \$ 200,000.00 7) \$ 32,789,605.00 8) \$ 12,919,043.00 9) \$ 423,000.00 10) 5,000,000.00	1) none 2) Jumpstart funds through IDDED & IFA 3) none 4) none 5) none 6) none 7) IDDED 8) IDDED 9) none 10) city funds	1) continue to measure use of web site 2) program reports monthly on activity 3) annual reports will be made to city council 4) report to city made at end of project 5) tracking number of clients & organizations served through the center 6) successful completion of project to allow use by public again 7) program will report on number of businesses assisted & funds disbursed 8) program will report number of units assisted & amount disbursed 9) not stated 10) successful upon adoption of plans
jet cleaned, televised & grouted leaky joints	\$ 23,129.08	Not stated	Not stated

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
removed trees in ditch, dug ditch deeper & hauled dirt away; spread new rock on street	\$2,225.70	city funds	positive feedback from citizens
purchased property, new boot on fuel containment areas, new motors, property cleaned up inside & out	\$ 51,624.14	borrowed funds	Not stated
replaced damaged siren & installed two new sirens	\$ 54,084.78	FEMA & private donations	sirens have been tested & work properly giving complete coverage to the community
floor removed, cleaned, drilled & pinned and new concrete floor poured	\$ 15,706.00	city storm drainage utility funds	continued monitoring of structure
hired contractor to televisive and clean out storm sewers	\$ 4,800.00	city sewer department funds	Not stated
flood areas evaluated & hired engineers to design project	\$ 263,746.00	Not stated	success determined by protection of city limits from flood water
repair road damage and blacktop	\$ 27,730.42	County funds	project successful due to increase in safety
purchased & installed new, more powerful generator; waiting for switching gear	\$ 160,000.00	donations	project will be deemed successful when complete
contractor hired for project	\$ 78,822.00	tax increment & road use tax funds	roadway will be driveable once again
MOU Clive's funding to Palo to assist	\$ 850,000.00	only Clive's portion of CDG	engineering for building and land purchase completed at this time
located break, replaced tile & installed 2 intakes	\$ 7,464.35	sewer repair funds	project success to be determined by no backup into basements
excavation & removal of existing intake, installed manhole, restore seeding & erosion control fabric	\$ 3,252.00	road use funds	project should reduce ponding when heavy rains happen again

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
replaced funding used to repair water plant	\$ 53,697.85	FEMA	project was successful due to completion
purchased trash pumps	\$ 3,230.00	sewer revenue funds	pumps will be on hand for stress rainfalls
course superintendent replaced necessary trees, reseeded & rebuilt areas needed	\$ 2,300.00	golf course general fund	project was successful due to completion
purchased food products	\$ 2,000.00	none	Not stated
purchased & demolished 3 of the 5 structures removing hazardous waste; remaining 2 will be done shortly; returned to green space	\$ 1,200,316.00	general obligation urban renewal bonds	project objectives will be met
1) poured concrete pad for bins to be placed on & placed fence around 3 sides 2) rewired electrical panel; will replace ball field lights & electrical wiring	1) \$ 5,738.72 2) \$ 5,244.22	none	1) not stated 2) not stated
hired contractor to televise & make repairs	\$ 20,164.30	sewer funds	residents report no backup has occurred
installed new culvert, replaced sidewalk & built new wooden bridge	\$ 3,000.00	city funds	project was successful due to completion
hired contractor to construct portion of new relief wells	\$ 310,856.50	city funds	test pumping on regular basis
1) hired contractor to remove & replace concrete 2) purchased & will install new warning system	1) \$ 33,773.00 2) \$ 38,901.98	1) none 2) none	1) project was successful due to completion & positive feedback from citizens 2) testing to insure reliability with frequent testing to be done
hired contractor to tile, add drainage inlets, blacktop patched road, then asphalted & seal coated	\$ 9,551.00	city funds	city employees will keep area under observation; citizens report relief to their sump pumps
purchased & installed a "soft-start" motor control system	\$ 3,372.00	sewer revenue funds	sewage lift pump starts up & operates more efficiently & effectively

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
1) contoured drainage apron & concrete berms constructed 2) street to be regraded & rocked in spring 2010	1) \$ 2,250.00 2) \$ 762.50	1) none 2) city road use funds	1) project successful controlling flow of surface water to storm sewer system 2) monitoring of surface condition during rain events will determine success of project
drive rebuilt to original condition & additional rock added to top	\$ 2,800.00	city funds	determined if holds up in heavy rains
pea rock spread under equipment, trees trimmed & debris removed	\$ 2,042.80	city funds	ground cover & trees meet ICAP standards to maintain insurance coverage
1) built a 6" deep rock access road 2) cleaned ditch of debris 3) cleaned ditch of debris 4) built a 6" deep rock access road	1) \$ 981.73 2) \$ 4,304.00 3) \$ 6,202.00 4) \$ 1,945.50	1) none 2) none 3) city funds 4) none	1) made for faster movement to get closure structure to site 2) inspected storm water flow through ditch; faster with no backups 3) inspected storm water flow through ditch; faster with no backups 4) made for faster movement to get closure structure to site
offers have been made to 6 property owners & will do so until all funds have been expended	\$ 740,490.00	FEMA & IDED	restricting use of acquired properties to green space will eliminate future damages
installed area drain & connected to existing storm sewer	\$ 2,084.53	storm water utility fee	area was inspected during & after subsequent rainfalls
not stated	\$ 16,320.00	road use funds	city superintendent to continue upkeep & monitoring of completed project
1) planning & design of new facility in process 2) none, no funding for this project	1) \$ 1,100,000.00 2) \$ 60,000.00	1) CDBG & SRF 2) none	1) will be a better quality plant meeting DNR specifications 2) discontinue using old portion of main

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
Lyon County engineer will be purchasing equipment for use throughout entire county	\$ 2,000.00	unknown as the City of Doon contributed its portion of the CDG to this project	Equipment received & available for use in the future
Actually reshaped street intersection to redirect water & mud run off to South of City	\$ 15,702.75	I-Jobs & City road balance fund	visual confirmation after next heavy rain
ditches were cleaned & roadbed was pulverized, built up & resurfaced with rock	\$ 6,245.00	city road funds	water drains away & no longer pools
1) purchase trash pump & generator 2) bring in rock & create better waterflow	1) \$ 7,912.71 2) \$ 3,200.00	1) other grant (federal?) & city funds 2) none	1) not stated 2) not stated
successfully installed gate valves for bypass pipe from lift station & in influent pipes at lagoon cells	\$ 6,975.77	city funds	success to be determined by high water event
sanitary sewer line relined	\$ 13,949.00	sewer reserve funds	relining reduced amount of infiltration & inflow
purchased property & demolished	\$ 21,886.00	city general fund	house is gone & property in control of city
raised road & resurfaced, dug ditches out, put in new culvert	\$ 27,000.00	option sales tax	success to be determined by water flow in future events
purchased & installed generator	\$ 14,000.00	sewer funds	generator has been tested & works
purchased generator	\$ 4,770.60	City sewer fund	use of generator during power outage
purchased new pump, hoses & generator	\$ 5,778.95	none	installation complete and tested
generator was refurbished & voltage converted to match center's electrical service; transfer switch purchased & installed	\$ 31,967.00	community center operating cash & option sales tax	generator was successfully installed & tested
platform built for control panel	\$ 2,524.27	sewer funds	successful as long as waters do not get 6' above dike

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
grant funds placed in special reserve account to fill in where loss is felt to keep services in tact for community for 2 years	\$ 30,067.49	none	Not stated
hired contractor to straighten platform & replace deteriorating portions	\$ 2,000.00	none	project completed determined success
engineering firm hired for study & report	\$ 3,000.00	Not stated	project will be successful when solution is determined & implemented
purchased & installed generator, wiring & concrete pad for City's fire department	\$ 33,960.00	fire department funds	System to be tested on full load weekly
remove trees, silt & debris from ditch, regrade & shape ditch to improve drainage	\$ 16,200.00	City's flood control budget in general fund	observation during rains by city employees & maintenance schedule for ditch area
repairs were made	\$ 9,821.75	FEMA	inspected by city officials & maintenance staff
constructed concrete wall	\$ 97,165.00	city local option sales tax & I-Jobs	Not stated
purchased & installed wiring for portable generator to be used at 2 locations	\$ 2,319.57	none	generator will be tested on a regular schedule by city superintendent
removed & replaced culvert, reshape ditches, patch road then resurfaced	\$ 3,269.00	city funds	culvert is performing to specs
hired contractor to provide estimate	\$ 6,000.00	none	Not stated
equipment purchased & ready to install	\$ 4,000.00	city funds	Not stated
engineering firm hired & project design received	\$ 150,000.00	CDBG expected for remaining portion of project	project will be considered successful once line is completed & not backing up
sanitary sewer collection system lining & grouting repaired	\$ 181,751.50	city funds	televising & testing
purchased adjacent land (approx 6 acres) & used to rotate ball field	\$ 6,501.00	City funds	rotating infield and outfield mitigates future damage from flooding

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
cleanup & disposal of downed limbs, trimmed trees & removed debris	\$ 29,240.00	FEMA	project was successful due to completion
1) damaged pickets will be removed & replaced 2) hire contractor to repair damaged masonry & crack	1) \$ 33,116.00 2) \$ 11,430.00	1) none 2) none	1) project will be deemed successful with installation of picketts 2) project will be deemed successful when repairs are complete
construct sandbagger machine for city (half of funds received to go to county for same purpose)	\$ 1,000.00	other half of funds given to county for same thing	success to be determined by sandbags being filled & utilized faster during flood event
purchased & installed generator to community center	\$ 7,025.78	Lion's club funds, trust grant & donations	Not stated
created drainage ditches for affected areas	\$ 2,000.00	none	street department will watch ditches & roads during rainfalls to ensure success of project
hired engineer to complete study	\$ 11,889.75	general fund	study complete
temporary fix of pump & seals; look for new truck	\$ 240,095.00	USDA grant, remainder divided between rural fire district and the city	success is determined by now having new truck & training complete
1) jetted storm line clear of debris & replaced 2) excavate & dredge to mitigate future flooding, process will keep flow in tighter channel	1) \$ 1,800.00 2) \$ 5,800.00	1) storm sewer cash fund 2) storm sewer cash fund	1) success to be determined by observed flow of water during storms 2) success to be determined by observed flow of water during storms
purchased trash pump, strainer & hoses	\$ 3,900.93	none	city is able to mitigate any future damages in event of flooding
retro fitted sewer lines with liners to stop infiltration	\$ 13,814.75	City sewer fund	Not stated
dug out sections of street & sidewalk to remove existing basin; fill with concrete intake; replace curb, sidewalk & street	\$ 3,000.00	road use funds	considered safer for all

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
Purchase materials & surveying to complete project	\$ 7,366.89	Street fund revenue, not tax dollars	Not stated
purchased new generator	\$ 2,500.00	fire department funds	Not stated
county purchased siren, city carried all installation costs	\$ 2,400.00	local option sales tax	system has been tested
extended storm sewer 300', added to storm drain & asphalted to reconstruct street	\$ 16,822.25	local option sales tax	the repairs have alleviated the problems
purchased diaphragm pump & hoses	\$ 1,952.73	none	pump will be on hand for stress rainfalls
culvert was replaced	\$ 9,730.00	city funds	city council inspected & deemed successful
work still in progress; 18 sirens already installed	\$ 294,447.92	property tax	tests will be conducted on regular basis
purchased gravel and graded roadway	\$ 2,792.90	road use funds	new gravel in place & has improved condition of roadway
1) installed new storm sewer 2) installed new storm sewer 3) cleaned & televised sewer line 4) hired contractor to spray weeds 5) hired contractor to place rip rap on bank	1) \$ 32,119.00 2) \$ 13,447.00 3) \$ 13,166.00 4) \$ 1,040.00 5) \$ 18,314.00	1) none 2) none 3) none 4) none 5) none	1) water is drained off street like it should 2) water is drained off street like it should 3) cleaned out lines flow better 4) weeds gone, hope to reseed in spring 5) so far river bank is holding up
park area was reshaped	\$ 3,774.00	city funds	project will be considered successful if no flooding in park

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
purchased & placed gabion stone as rip rap along bank of storm basin	\$ 3,911.01	city funds	annual inspections will be performed
purchased 4 Honda Multi Quip 4" trash pumps with hoses	\$ 8,472.00	city waste water fund	Equipment received & available for use in the future
hired contractor for study & for specified manhole rehabilitations	\$ 69,600.00	sewer & stormwater utility fees	success will be determined when project is complete & water flows properly during heavy rains
purchased siren & will install when received	\$ 9,350.00	fund raising	test system
hired tree service to remove trees along roadways & trim branches of other trees	\$ 2,645.00	road use funds	trees no longer in danger of falling on private residences or onto utility lines or roadways
purchased & installed generator to be hooked up to water system for backup electrical	\$ 18,685.33	community foundation of NE IA & city general fund	generator received & installed
ditched main ditch & replaced culverts	\$ 9,018.56	FEMA & city road fund	observation of water flow during rains by city employees
contracted for siren to be updated	\$ 3,698.80	Not stated	Not stated
demolished house & leveled lot	\$ 5,775.00	general fund	Not stated
purchased 20hp generator for one of the designated shelter area	\$ 2,579.97	city funds	generator received & installed
utilized used generator & installed	\$ 4,000.00	general fund	Not stated
restock food stuffs & act as a drop off point for clothing & other essential items	\$ 15,698.33	FEMA	proven successful by providing Red Cross food for most recent flooding
pump was sent to manufacture to be rebuilt	\$ 4,406.00	FEMA	pump performance is now comparable to other pump in the lift station
purchased & installed new storm siren	\$ 5,460.00	city's fire budget	measured each time it sounds & people state they heard it

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
bidding process with project commencing in spring 2010	\$ 3,400,000.00	CDBG & local funds	flow meters will monitor lines to identify problem areas
installed a liner & repaired leaking section	\$ 15,190.00	wastewater budget	video done after project completed & city will inspect by tractor camera system periodically
purchased excavator & has been used for removing debris from ditches & cleaning of culverts	\$ 243,390.00	CDG from Cities in county & county secondary road fund	Equipment received & available for use in the future
purchased sandbagging machine & light tower/generator	\$ 17,948.43	combined city's & the county's CDG funds	have used light/tower generator several times & have had training for the sandbagging machine
1) purchased house to be demolished & turned to greenspace	1) \$ 317,051.00	1) none	1) property successfully acquired
2) purchased properties to be demolished & turned to greenspace	2) \$ 351,320.00	2) none	2) property successfully acquired
3) paid for cleaning fees for 5 units & winterizing of 1 unit	3) \$ 118,695.65	3) none	3) cleanup & winterization inspected often
4) offer has been made to purchase property	4) \$ 280,000.00	4) none	4) successful when property is acquired
5) purchase design for levee	5) \$	5) none	5) all timelines being met to date
6) purchased church land & removed flood debris, continue to maintain	6) \$ 92,500.00	6) none	6) property successfully acquired
7) reseed & sod, replace trees in park and along major streets of flooded area	7) \$ 653,718.00	7) none	7) schedule & performance measures were set & have been met for each step of process
8) funding used to fill gaps of other sources to rehab/rebuild homes for those needing help	8) \$ 120,957.95	8) none	8) project success will be determined by number of completed rehab/repairs
9) in process of purchasing land	9) \$ 225,000.00	9) city & current landowner	9) successful when property is acquired
	587,000.00		

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
purchased new pump & installed	\$ 32,030.15	FEMA	pump is working with no problems
hauled in forck to pack streets, then seal coated	\$ 7,431.12	county road use funds	project will be considered successful during next heavy rain & roads hold in place
purchased 1981 International 1086 with 3 point hitch & loader	\$ 15,250.00	trade in of old tractor/loader & city funds	new tractor/loader effectively runs & handles city generator
remove debris & silt; begin restoration efforts to museum	\$ 11,983.00	city funds	museum is partially restored & open
purchased trash pump	\$ 2,670.00	city funds	based on affectiveness of pump to water out of businesses & houses
purchased & replaced gravel; cleaned up street areas	\$ 3,203.86	general fund	new gravel in place
reconstructed three sides of fencing around lagoon	\$ 3,967.68	city funds	Not stated
will purchase & install new pumps	\$ 15,000.00	city funds	Not stated
new lift station controls installed above ground; equipped with wet-well high water & electrical loss alarms; installed automatic backup generator	\$ 30,527.36	FEMA & sewer funds	city will monitor during high water
installed transfer switch at shelter	\$ 2,550.00	city funds	monthly checks will be done
rafters repaired & tin replaced for roof	\$ 3,720.00	city funds	no leaks this year
purchased two trash pumps with accessories	\$ 18,883.53	city funds	Equipment received & available for use in the future
purchased excavator & has been used for removing debris from ditches & cleaning of culverts	\$ 243,390.00	CDG from Cities in county & county secondary road fund	Equipment received & available for use in the future

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
added intake, replaced curb & gutter	\$ 2,200.00	city funds	water no longer pools in front of PO
bank stabilization of streambed, placed fabric & rock to stabilize, removed tree	\$ 3,120.00	city funds	project will be considered successful if flow maintains during heavy rains
purchased trash pump	\$ 3,553.50	City sewer fund	Not stated
area surveyed & basin designed, construction to be completed in spring	\$ 8,000.00	funding from county	Not stated
purchased excavator & has been used for removing debris from ditches & cleaning of culverts	\$ 243,390.00	CDG from Cities in county & county secondary road fund	Equipment received & available for use in the future
installed pipe to drain area through culvert; raised low part of street & regrade	\$ 2,217.29	general street fund	project should reduce flooding when heavy rains happen again
purchased & replaced with steel roof	\$ 9,740.76	general fund	no leaking once new roof in place
purchased excavator & has been used for removing debris from ditches & cleaning of culverts	\$ 243,390.00	CDG from Cities in county & county secondary road fund	Equipment received & available for use in the future
built retention pond, cleaned out ditch, & pumped area	\$ 257,065.03	CDBG	success will be determined upon project completion
purchased & installed remote terminal to automatically setoff siren	\$ 2,578.17	city funds	Not stated
purchased & installed generator for American Legion to be used as shelter	\$ 4,580.00	fund raising by American Legion for remainder	large facility for use as a shelter is now available to the citizens
Contracted for ditching; purchased new rock & hauling	\$ 11,271.04	local option sales tax	projects were completed

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
warning siren was erected	\$ 16,358.00	Not stated	Not stated
tile work to increase flow for all tiles in town	\$ 2,730.24	Not stated	Not stated
generator purchased & installed in community center	\$ 4,300.54	city funds	Equipment received & installed for use in the future
broke through street to repair water main & replaced concrete on street	\$ 10,679.45	road use & water funds	project completed
repaired ditches & edges & replaced gravel	\$ 2,500.00	city funds	project completion & will determine success during next heavy rains
storm drains put in along streets to drain into detention pond	\$ 64,561.75	city funds	city employees will keep area under observation
tree roots removed & sewer relined with polyethonlene liner	\$ 13,110.00	city funds	contractor's post inspection report deemed project successful
pump taken to repair shop in Illinois where fixed & parts were made there	\$ 2,888.97	city operating budget	pump has been used since successfully
battery backup will be installed in spring of 2010	\$ 3,000.00	local option sales tax	will be installed to specifications & tested monthly
purchased trash pump with accessories; purchased & installed transformer for generator at lift station	\$ 6,364.60	sewer funds	monitoring of pump during large rain events
1) replaced damage controllers 2) replaced road signage items not recovered 3) Lay asphalt on roadways	1) \$ 20,055.00 2) \$ 4,889.40 3) \$ 100,735.18	Insurance carrier & city funds	1) replaced cones & barricades, used since 2) traffic signals up & running correctly 3) road & ditches repaired, smooth again
hired contractor to repair river banks & rip rap exposed areas	\$ 282,667.89	FEMA & city funds	no damage has occurred in heavy rains & flooding since project completion

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
1) tree, branch & stump removal; trimming of any potentially hazardous branches 2) not enough to cover this project	1) \$ 2,025.00 2) \$ 0.00	Not stated	Not stated
1) installed shelter activation system 2) elevated electrical switch gear 3) purchased & installed used generator to city hall for communications room 4) purchased 2 properties & clearing lots 5) disbursed funds to Long Term Recovery Coalition to help with unmet needs of citizens 6) architect has prepared plans with work to begin in the spring	1) \$ 17,953.74 2) \$ 47,056.00 3) \$ 22,863.93 4) \$ 71,580.53 5) \$ 15,000.00 6) \$ 35,000.00	1) FEMA & city funds 2) EPA, IDNR & city funds 3) none 4) none 5) none 6) local donations	1) tested on a monthly basis 2) deemed successful as long as above water 3) tested on weekly basis, maintained on a monthly basis 4) deemed successful when structures are demolished 5) regular updates provided to city from the coalition 6) deemed successful if structure remains stable during floods
filled holes & graveled areas needing it	\$ 4,486.29	city road funds	Not stated
purchased trash pump & hoses	\$ 3,612.97	water revenue funds	pumps will be on hand for stress rainfalls
purchased siren & will install when received	\$ 3,000.00	none	Not stated
contractor hired for project	\$ 23,464.25	FEMA & city funds	Not stated
hired contractor to repair roads	\$ 12,842.50	FEMA & I-Jobs	will check in spring to see if held through winter
1) purchased fireproof lateral file cabinet 2) distribute newsletter to households (rural & incorporated areas) informing residents difference of watch and warning, etc.	1) \$ 3,029.00 2) \$ 237.00	city general fund	1) received file 2) conversations with public to indicate comprehension of preparedness awareness

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
purchased & installed generator to power 4 buildings for warming/cooling shelter, water treatment & fire station	\$ 36,376.00	local funds	continue automatic test of generator
hired contractor to cleanup ditches & culverts	\$ 4,400.00	city funds	will continue to monitor areas to determine success
purchased new city dump truck	\$ 12,500.00	city funds	Not stated
rock was purchased, distributed, rolled & compacted on trail	\$ 2,181.81	city funds	success determined by project being completed
comprehensive plan complete; design & environmental analysis underway; project construction to occur in spring	\$ 2,000,000.00	CDBG, CDBG loan, SFR loan, local funds	ongoing sewer treatment plant flow monitoring
jet & clean drainage ditches; installed sewer drainage tube	\$ 4,473.00	city water funds	Not stated
water main was repaired & covered with soil & rip rap	\$ 9,000.00	water revenue funds	customers were reconnected to full use & pressure
repairs were made	\$ 31,942.60	road use funds	work complete & roads are improved
purchased & installed 2 more emergency sirens	\$ 11,533.88	city funds & FEMA	testing completed & all parts of town can hear
purchased & spread gravel	\$ 3,866.00	city street budget	road is again passable & used by city crews
tile & fabric laid; dirt & rock seeded down	\$ 5,512.90	city sewer department funds	looks good now; how it holds up in rains will tell
cleared roadway, tube repaired; roadway graded	\$ 12,388.00	city funds	public access has been restored

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
restock food stuffs & act as a drop off point for clothing & other essential items	\$ 15,698.33	FEMA	proven successful by providing Red Cross food for most recent flooding
contractor hired for project	\$ 842,000.00	FEMA & local funds	Not stated
cleared debris, shaped, installed storm sewer & intake, placed rip rap & seeded	\$ 98,306.00	FEMA, REAP, city funds	project was successful due to completion
property purchased & house demolished	\$ 18,121.00	TIF housing LMI funds	project was successful due to completion
1) repaired/replaced damages to city hall 2) replaced roof, bookcases & painted exterior of library 3) build up berm to 100 year flood level 4) repaired maintenance shed, mowers & backhoe 5) repaired street & sidewalk, drainage tiles & cleaned out drains 6) buyout lots for development 7) purchasing warning siren & boat	1) \$ 40,000.00 2) \$ 12,830.95 3) \$ 75,000.00 4) \$ 45,874.93 5) \$ 66,000.00 6) \$ 60,000.00 7) \$ 23,000.00	1) none 2) none 3) none 4) none 5) none 6) none 7) none	projects will be deemed successful when all completed
installed storm sewer line	\$ 14,546.37	road use tax, I-Jobs & sewer funds	project was successful due to completion
received bids for asphalt patch & seal coating	\$ 41,956.45	RUT & I-Jobs	Not stated
hired contractor to install CMP pipe under road & replace rock road base & black top	\$ 1,617.80	none	observation during rains will determine success of project
installed culverts	\$ 8,630.00	road use tax money	water flow to be monitored during heavy rains

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
sloped roof will allow proper runoff of water	\$ 6,832.23	city funds	project successful due to no leaking
drainage ditches cleared & culverts installed	\$ 2,177.00	none	project has resolved issues caused by runoff & flooding
purchased & installed upgraded siren front panel to comply with regulations	\$ 4,200.00	general fund	siren panel purchased & installed successfully
purchased sandbagging machine & light tower/generator	\$ 17,948.43	combined city's & the county's CDG funds	have used light/tower generator several times & have had training for the sandbagging machine
purchased & hauled in new gravel	\$ 8,398.45	I-Jobs, road use funds, city funds	project is successful as streets are driveable and safe again
1) formation of non-profit entities allow avenue of rehabing & disposal of properties 2) debris picked up & removed 3) project will begin in the spring	1) \$ 960,000.00 2) \$ 375,515.19 3) \$ 126,000.00	1) city funds 2) FEMA & other state funds 3) private donations	1) project deemed successful when homes are restored 2) debris removed making a safe & sanitary environment 3) not stated
Purchased & installed new 25 kw automatic transfer LP generator	\$ 15,251.31	GO bond sale	installation complete and tested
hired contractor to construct 12" pipe	\$ 6,056.00	City funds	success to be determined by observation of absence /reduction of flooding & sewer backups
restock food stuffs & act as a drop off point for clothing & other essential items	\$ 15,698.33	FEMA	proven successful by providing Red Cross food for most recent flooding
engineer analyzed situation & recommendation received	\$ 6,896.15	city funds	helped to make progress in city's five year plan
removed remains of old bridge & replaced with new bridge	\$ 92,448.27	CDG from City of Osceola & county secondary road fund	determined by Board of Supervisors, county secondary road dept & public as success

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
replaced 950' of storm sewer piping	\$ 13,379.20	storm water utility fee	no more flooding has occurred
purchased & will install generator to community center	\$ 8,744.00	city's local option tax	Not stated
removed old engine & installed new	\$ 22,960.00	Not stated	Not stated
purchase & install generator	\$ 3,538.18	city funds	live demonstration & testing of generator
replaced manhole frames & covers, relined manholes	\$ 9,094.00	city funds	daily wastewater treatment readings will monitor success of project
hired contractor to televise and clean out storm sewers & check for blockages	\$ 11,369.42	City funds & County Foundation Grant Money	visual of area when rain occurs; seems to be draining better
1) removed undersized culvert & installed second set of culverts	1) \$ 86,000.00	1) none	1) observation showed culvert working
2) raised all equipment	2) \$	2) FEMA	2) project will be successful when complete
3) add raised floor addition, installed generator	26,635.00 3) \$	3) none	3) generator has proven operational
4) no easement possible, acquisitioned land	26,635.00 3) \$	4) none	4) subsequent rains have not reached area
5) purchased pump	38,963.00 4) \$	5) none	5) pump has been used successfully
6) created large absorption field, covered rock storage area for playground above that area	86,600.00 4) \$	6) none	6) subsequent rains did not create ponding
7) purchased appropriate boat	22,944.00 5) \$	7) none	7) boat ready for use when needed
8) bore under Vinton street to create alternate flow, created retention absorption fields	86,600.00 5) \$	8) none	8) subsequent rains have flowed properly
9) hired contractor for project	22,944.00 6) \$	9) none	9) mitigating flooding potential will improve water quality
10) hired contractor for project	20,000.00 7) \$	10) none	10) observation creek not getting as high & drops faster
	31,171.00 7) \$		
	8) \$		
	68,370.00 8) \$		
	9) \$		
	50,000.00 9) \$		
	10) \$		
	35,000.00 10) \$		
development of community softball complex & parking complete with bioretention cells strategically located on site	\$ 27,620.00	none	observation during rains will determine success of project

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
purchased & install backup generator to main lift station	\$ 46,000.00	Not stated	Not stated
hired contractor to lower right-of-way, raised manholes in area	\$ 11,826.46	general obligation bond	public works department will continue observation of project
purchased new rock & graded as needed	\$ 5,886.95	street fund	streets are solid & serviceable
1) bank stabilizing material placed	1) \$	city's general operating budget	1) monitoring of bank stabilization 2) project eliminated debris problem 3) project fixed panel & raised above flood level 4) continued monitoring of creek; debris was removed
2) removed debris from park	20,545.00		
3) electric panel repaired & raised	2) \$		
4) bank stabilizing material placed; debris removed	10,100.97		
	3) \$		
	2,400.00		
	4) \$		
	27,890.43		
tower was repaired & painted	\$ 43,000.00	city funds	project completion showed increased water pressure & improved drinking water
purchased new 4" 13hp Honda trash pump	\$ 3,557.75	local sewer funds	pumps will be on hand for stress rainfalls
had to use more supplies & time to do more spraying than normal; cleaned sewers out	\$ 4,000.00	local property tax & utility revenues	project completion has determined success
writing plans & specs; talking with potential contractors; will undertake in Spring 2010	\$ 25,015.01	city funds	correction of infiltration & inflow issues will mitigate problem
purchased 2 new trash pumps	not stated	Not stated	pumps will be on hand for stress rainfalls

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
damaged trees & debris removed	\$ 2,385.00	general fund	Not stated
purchased & installed generator	\$ 2,479.98	city funds	success determined by project being completed
expect to complete project by June 30, 2010	\$ 12,650.00	sewer utility funds	storm drains will be able to handle more runoff & water will stay in ditches
relined manholes & replaced base where necessary	\$ 6,520.00	road use tax money	corrective measures made will eliminate problems of washout in future
contractor hired for project	\$ 4,560.00	general fund	water test is done on each completed section
remove old metering & equipment related to three phase voltage, installed new three phase voltage metering & disconnect	\$ 6,889.88	water revenue funds	Not stated
installed check valve with switch & replaced flow meter	\$ 5,536.21	sewer utility funds	Not stated
high pressure steam clean, application of lining, spray epoxy barrier of 46 brick sanitary sewer manholes	\$ 115,000.00	GO bonds	continued monitoring will occur
worked with Army corps of engineers	\$ 75,000.00	Army Corps of Engineers & city funds	Not stated
will equip said areas & generator with necessary hardware	\$ 8,800.00	USDA grant	testing will be completed at each location
restock food stuffs & act as a drop off point for clothing & other essential items	\$ 15,698.33	FEMA	proven successful by providing Red Cross food for most recent flooding

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
installed alarm system & sensors at main well	\$ 1,930.00	none	system will alert responsible parties should anything happen to the well
installed weatherproof power outlet, transfer switch, & circuits to allow upgrade for generator	\$ 2,000.00	none	test run scheduled for October
hired engineers to complete study & plans to remedy drainage issues	\$ 21,586.00	city funds	study created for next step to be accomplished in this project
purchased & installed generator	\$ 2,479.98	city funds	success determined by project being completed
wastewater system power panel was moved	\$ 3,405.71	wastewater plant operational fund	project was successful due to completion
restock food stuffs & act as a drop off point for clothing & other essential items	\$ 15,698.33	FEMA	proven successful by providing Red Cross food for most recent flooding
project to be completed by June 30, 2010	\$ 7,260.00	city general fund	city employees will keep area under observation
purchased road materials & hauling expenses	\$ 2,488.39	street fund	repairs were made & roads deemed usable
cleaned or replaced sewer lines, removed debris, replaced intakes	\$ 148,188.07	Not stated	continue testing of sewer lines & monitor ditches
televised, jet cleaned, grouted & lining done	\$ 32,000.00	sewer utility funds	completion of project will determine success
contracted for excavation & stockpile of soil; place fabric filter under rip-rap	\$ 35,321.78	FEMA & city funds	creek bank will be monitored & evaluated during heavy rains
project was let for bidding	\$ 71,951.64	USDA rural development & general obligation bond	system is tested monthly
jetted culverts, removed & disposed of debris	\$ 1,847.73	city funds	inspection conducted after rainfall to verify nonrestricted flow

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
hired contractor to chip, grind & haul away debris	\$ 37,377.71	FEMA & city fund	project was successful due to completion
purchased & installed generator	\$ 14,000.00	city funds	monthly checks will be done
raised manhole, poured concrete slab & fenced in area	\$ 18,174.23	FEMA, sewer fund	project completion determined successful
excavated around perimeter of building & applied water proofing materials & a drainage system	\$ 11,010.00	Lion's club funds	waterproofing has eliminated water infiltration
installed tile to take storm water into an existing storm water main	\$ 33,171.40	I-Jobs & City funds	visual of area when rain occurs; seems to be draining successfully
radios distributed	\$ 2,690.00	city funds	program is well received by citizens
asphalted streets	\$ 4,500.00	city street budget	holes repaired & are passable
prepared specs, received bids & purchased & installed generator to run water plant	\$ 80,835.00	city bond	project will be considered successful during next power outage
storm sewer & intake installed	\$ 8,987.12	general fund	visual inspection & homeowner comments
replaced rock & packed down; debris removed from ditches & pipes	\$ 6,021.40	FEMA	streets are solid & serviceable
hired contractor to spray	\$ 1,327.50	none	community cleared of most/all mosquitos
purchased & replaced rock; graded	\$ 2,686.60	city funds	repairs were made & roads deemed usable
enlarged drop box	\$ 2,370.00	general fund	observation has shown improvement of removing water from intersection

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
tore out & replaced street as well as filling voids	\$ 7,522.00	I-Jobs & road use funds	streets are solid & serviceable
installed storm sewer, curbs & gutters; also asphalted some areas	\$ 430,451.00	local option sales tax, assessment, general obligation bond	will continue to monitor areas to determine success
hired contractor to complete propped project	\$ 6,000.00	road & street construction funds	Not stated
purchased & installed new warning siren	\$ 15,000.00	grants, fund raising & donations	tested by fire department & sounded at noon daily
purchased & installed backup generator & transfer switch	\$ 2,000.00	none	final testing of equipment in fall
hired contractor to complete propped project	\$ 3,250.00	city funds	projected eliminated danger caused by retaining wall missing blocks
hired independent electrical contractor to install transfer switch	\$ 3,591.50	City water operating fund	installation complete and tested
purchased & installed generator	\$ 8,000.00	local funds	city wells continue to function during power outages
1) \$750 in moving expenses per property owner of buyout properties 2) purchased empty lot 3) will purchase property & demolish house 4) clear ditch to ensure water flow 5) will purchase barriers & equipment	1) \$ 17,000.00 2) \$ 8,345.00 3) \$ 25,000.00 4) \$ 40,000.00 5) \$ 48,051.00	1) none 2) none 3) none 4) none 5) none	1) not stated 2) not stated 3) not stated 4) not stated 5) not stated
dug up old storm sewer lines & replaced with new lines	\$ 19,619.08	city funds	observation of water flow during rains

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
contractor hired for project	\$ 4,000.00	general fund	public works director will observe during heavy rains
no correction taken	\$ 2,637.13	none	ability to provide public protection
repair manholes where infiltration found	\$ 3,344.40	Not stated	observation of area during heavy rains
purchased food products	\$ 2,000.00	none	Not stated
still in planning stage & looking for additional funding	\$ 64,840.00	Not stated	will be determined successful when property is purchased & demolished
building has been constructed	\$ 5,833.97	sewer utility funds	pumps are running in shorter time making for no sewer backups
engineer has drawn up plans	\$ 12,902.00	Not stated	plans have been drawn
installed storm sewer, curbs, gutters & repaired streets in 2 areas	\$ 40,419.11	city funds	measure success by improved water flow & decrease in street flooding
contractor hired for project	\$ 2,500.00	general fund	observation of area during heavy rains
purchased radios & batteries to be distributed	\$ 2,005.18	local funds	project success determined by delivery of radios & batteries
hired contractor to pave parking lot	\$ 632,239.00	FEMA, State matching funds, city funds	success will be measured by tracking days lot is unusable due to flooding
purchased & installed generator	\$ 2,479.98	city funds	success determined by project being completed
clean & repair areas; set yearly maintenance plan to maintain a clear system	\$ 50,500.00	city funds	Not stated
restock food stuffs & act as a drop off point for clothing & other essential items	\$ 15,698.33	FEMA	proven successful by providing Red Cross food for most recent flooding

Action Taken	Total Project Cost	Other Sources used for Project Funding	Evaluation
contractor hired for project	\$ 3,325.00	road use funds	Not stated
siren purchased & installed	\$ 2,500.00	local option sales tax	testing will occur
three manholes were repaired, sewer lines flushed & televised	\$ 3,017.50	sewer user fees	water monitored & manholes visually inspected
cleaned out ditches & dug new ones from certain areas; replaced damaged culverts	\$ 4,760.00	I-Jobs & general funds	water should flow properly & not stand in roads & yards
installed radio controller to allow for simultaneous sounding of sirens	\$ 2,663.00	city funds	positive feedback from citizens
building being built on raised land	\$ 2,000,000.00	I-Jobs, Polk Co, private donations, city bond	success to be determined by observation & community usage
clean out ports installed along distance of the tile	\$ 2,100.00	none	water drainage monitored
tore out remainder of steps & replaced with new steps & foundation	\$ 3,150.00	city funds	success determined by project being completed
culverts were replaced	\$ 2,297.00	road use tax	new culverts continue to be monitored
will rip rap, fence has been repaired	\$ 2,530.00	sewer funds	banks will be monitored regularly