

IGI Activity	2006	2007	2008 1st half	2008 2nd half	2009 1st half	2009 2nd half	2010 1st half	2010 2nd half	2011 1st half	2011 2nd half	2012 1st half	2012 2nd half
Return on Investment Studies	IGIC applies for FGDC 50 States CAP Grant - \$50k	Started IGI ROI study	Completed IGI ROI study	Continue with Flood ROI study - \$15k from USGS Iowa Liaison	Complete Flood ROI Study							
				Apply for Funding for Municipal ROI study \$50k-75k								
IGI Development and Coordination				Apply for FGDC CAP IGI Data Sharing Agreement Grant from FGDC - \$75k								
				IGI Business Plan completed --- State CIO legislative plan developed for longer-term IGI funding	State legislature to act on State CIO IGI funding proposal	IGI funding starts if approved by legislature	IGI funding continues if approved	IGI funding continues if approved	IGI funding continues if approved	IGI funding continues if approved	IGI funding continues if approved	IGI funding continues if approved
Geodetic Control	Control Point server demonstrated by DNR	Collection and editing of additional GCP data by Brown and Corbin	Editing continued	Agreement with County Engineer Service Bureau for hosting Control Point web application								
				LGIF application - see entry under Cadastral	Project start if funded by LGIF	Continue project if funded	Continue project if funded	Continue project if funded				
Ortho-imagery		USGS/IGIC 2' 4-band collected for 17 counties NW Iowa - \$200k from USGS Iowa Liaison Office	Final delivery of 2' orthos for NW Iowa									
		DNR applied for Pooled Technology funds for additional 2' ortho imagery - \$500k	First round PT funding approved by legislature ----- 2nd DNR Pooled Technology Application for additional \$500k	Statewide imagery RFP to be released	Acquisition of western half of state --- 2nd round PT funding to be approved by legislature	Delivery of western part of state	Acquisition of eastern half of state if approved and funded	Delivery of eastern half of state, if approved and funded				
				LGIF application - see entry under Cadastral	Project start if funded by LGIF	Continue project if funded	Continue project if funded	Continue project if funded				
Cadastral				Apply for Local Government Innovation Funding to collect county GIS framework data from 30 counties and move to ICIT data repository and IGI server - \$400k	Project start if funded by LGIF	Continue project if funded	Continue project if funded	Continue project if funded				
Administrative Boundaries				LGIF application - see entry under Cadastral	Project start if funded by LGIF	Continue project if funded	Continue project if funded	Continue project if funded				
Transportation		IGIC applied for FGDC CAP Grant for structures and transportation into IGI	Updated Clearinghouse and web application servers	Extract roads data from LRS database into IGI server	Demonstrate uploading roads to NSDI							
Hydrography			Demonstrated conflation of NWI and NHD attributes on lidar derived stream network	USGS Iowa Liaison funded pilot (\$50k) for converting 24k NHD to local NHD for 17 12-digit HUCs								
				Apply to Watershed Review Board for phase 1 production of 250 HUC-12s								
Elevation	DNR, DOT, DALs and NRCS contract with USGS for statewide lidar - \$4.3 M ----- Lidar pilot area delivered	Lidar collected and delivered for NW, NE, SW, SC, SE Iowa	Lidar collected for central, SE, NE, NC Iowa and Mississippi River floodplain	Delivery of central, SE, NE, NC data	Continued collection	Continued collection and delivery of winter and spring collected data						
Address Points			DNR Applied to Pooled Technology Fund for address points for 30-50 counties and Geocoding Service - \$650k	Pooled Technology proposals to be evaluated and ranked	PT funding to be approved by legislature	July 1 Project start if approved and funded	Project continues if funded	Project continues if funded	Project completes if funded			
							2nd DNR Application to Pooled Technology for address points for remaining counties and Geocoding Service - \$650k	Pooled Technology proposals to be evaluated and ranked	PT funding to be approved by legislature	July 1 Project start if approved and funded	Project continues if funded	Project continues if funded
				LGIF application - see entry under Cadastral	Project start if funded by LGIF	Continue project if funded	Continue project if funded	Continue project if funded				
Structures		Apply for FGDC CAP Grant for structures and transportation into IGI - \$50k	Update Clearinghouse and web application servers	Demonstrate web update tool for structures	Load structures into IGI server							
			PT application - see entry under address points	PT proposals to be evaluated and ranked	PT funding to be approved by legislature	Project start if approved and funded	Project continues if funded	Project continues if funded	Project continues if funded	Project continues if funded	Project continues if funded	Project continues if funded
				LGIF application - see entry under Cadastral	Project start if funded by LGIF	Continue project if funded	Continue project if funded	Continue project if funded				

County GIS Service Bureau												
program manager					1 FTE - LGIF	1 FTE - LGIF	1 FTE - LGIF	1 FTE - LGIF	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding
ortho-imagery coordinator					1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding
GIS web application developer					1 FTE - LGIF	1 FTE - LGIF	1 FTE - LGIF	1 FTE - LGIF	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding
GIS tech/training specialist						1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding
State GIS Service Bureau												
program manager						1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding
data librarian						1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT
GIS web application developer				5 FTE - CAP Grant Structures and Transportation	5 FTE - CAP Grant Structures and Transportation	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT	1 FTE - Geocoding PT
GIS tech/training specialist						1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding	1 FTE - IGI Funding
Funding by Project (current and future)												
ICT/IGIC LGIF Project					\$200k - proposed		\$200k proposed					
Pooled Technology Ortho-imagery 1					\$500k - current							
Pooled Technology Ortho-imagery 2							\$500k - proposed					
Pooled Technology Geocoding 1						\$325k - proposed		\$325k - proposed				
Pooled Technology Geocoding 2										\$325k - future		\$325k - future
IGI Base Appropriation						\$800k - future		\$1.3M - future		\$1.5M - future		\$1.5M - future
FGDC CAP Grant IGI Business Plan					\$50k - current							
FGDC CAP Grant Trans/Structures					\$50k - current							
USGS State Liaison Office		\$200k - completed	\$50k - current	\$15k - current								
Progress Chart for Data in IGI - projected if funding successful												
Geodetic Control		0.0%	0.0%	10.0%	30.0%	40.0%	50.0%	60.0%	70.0%	70.0%	70.0%	70.0%
Ortho-imagery (3-year cycle)		10.0%	17.0%	17.0%	17.0%	50.0%	50.0%	100.0%	0.0%	33.0%	33.0%	66.0%
Cadastral		0.0%	0.0%	0.0%	5.0%	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%	70.0%
Administrative Boundaries		0.0%	0.0%	0.0%	5.0%	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%	70.0%
Transportation		0.0%	0.0%	50.0%	75.0%	85.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Hydrography		0.0%	0.0%	2.0%	2.0%	5.0%	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%
Elevation (10-year cycle)		0.0%	20.0%	50.0%	60.0%	75.0%	90.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Address Points		0.0%	0.0%	5.0%	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%	70.0%	80.0%
Structures		0.0%	0.0%	5.0%	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%	70.0%	80.0%
Explanation of this Spreadsheet: Presents a best case plan for IGI funding and component building from 2008-2013. Minimal funding in 2007- 2008 has helped define IGI along with starting pilot projects in hydrography, ortho-imagery structures, transportation, elevation and geodetic control. If some combination of Local Government Innovation Fund (LGIF) and Pooled Technology (PT) are funded in 2009, address points, administrative boundaries and cadastral will also take a significant step forward. Base funding for IGI would have to come from an appropriation from the state legislature. Because of the magnitude of the flood recovery efforts, this seems unlikely to happen in 2009.												