

Idaho Bird Inventory and Survey (IBIS)

A plan to implement
coordinated bird monitoring in Idaho



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What is IBIS?

- Statewide, all-bird, coordinated monitoring plan
- Plan to monitor all species of birds in Idaho (year round)
 - standardized protocols
 - coordinated manner
- Designed to be part of a new all-bird initiative
 - *“Coordinated Bird Monitoring”*
 - Regional (IW)
 - National
 - International



White-faced Ibis

Why is IBIS needed?

Monitoring programs provide critical information ...

- Scientifically based decisions
- Identify species with the greatest needs
- Establish priorities
- Project evaluation
- Improve our understanding
- Monitoring often a required element

How is IBIS being implemented?



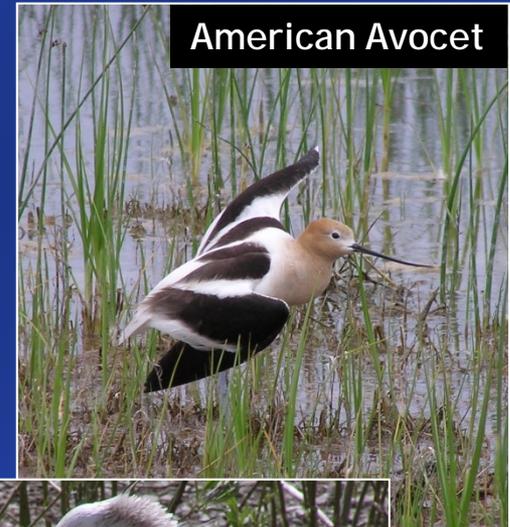
- IDFG Conservation Sciences Program primary lead
- Coordination with partners
- Funding
 - USGS, BLM, FWS, State Wildlife Grants, and CSP
- Citizen Scientists!

How is Data Used?

- Update distribution information
- Track population status and trends
- Provide presence and abundance information to land managers

IBIS activities

- Pilot season in '04, greatly expanded every year since
- Focus on aquatic species
 - Colonial nesters
 - Secretive marsh birds
 - **Aquatic birds**



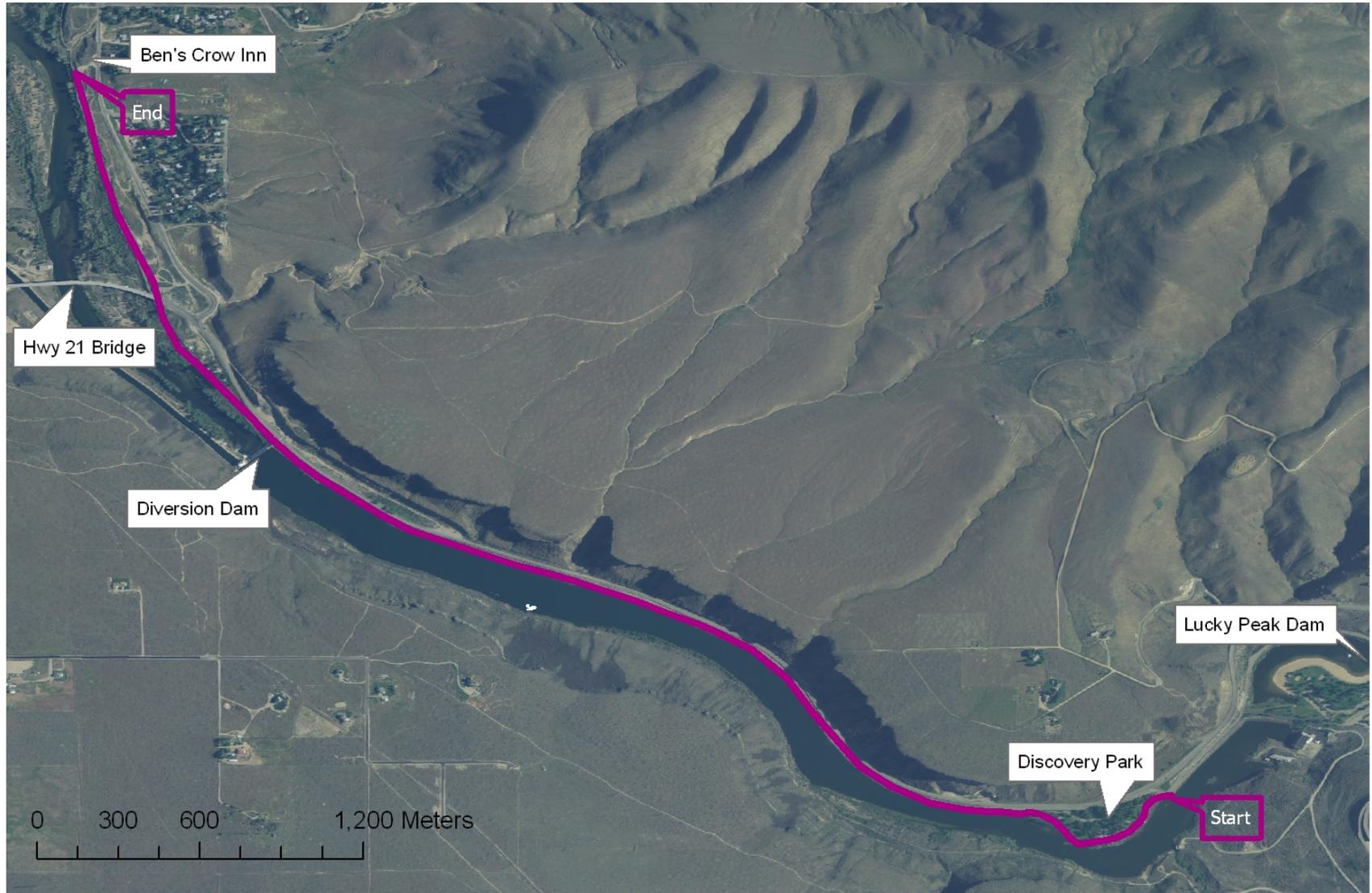
Aquatic Bird Survey

- Objective: Estimate bird abundance and composition
- Method: Count all aquatic birds (ducks, geese, herons, etc.) along previously designated route
 - Same route, direction, and time
 - Careful to avoid double-counting individuals
 - Only stop long enough to count birds present (i.e., not a point count)

Boise River

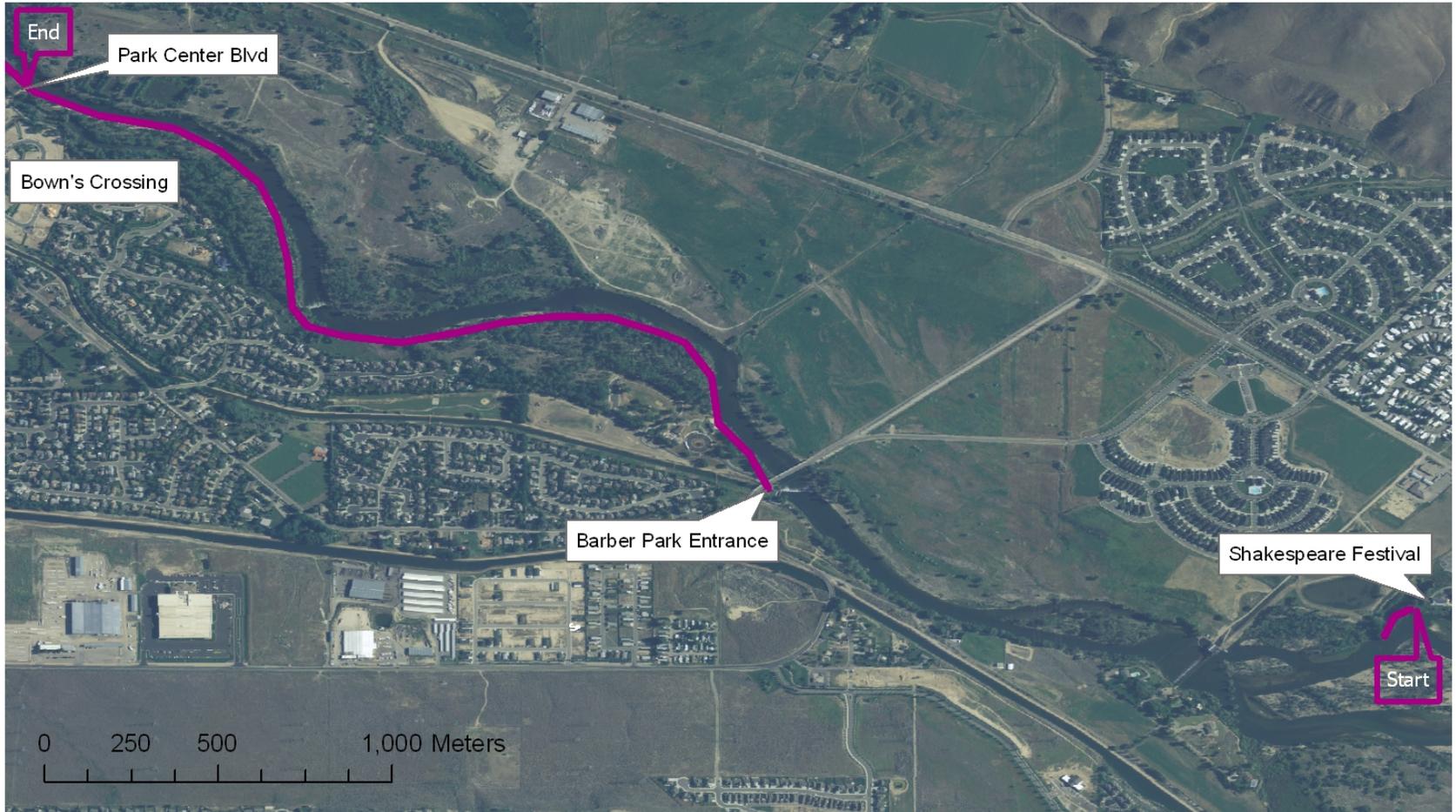
- Delineated 7 survey sections between Discovery Park and Glenwood
- Target: at least 1 survey/month from November thru March
 - Same time/week each month
 - Monthly, Biweekly, or Weekly (multiple "teams")
 - Binoculars necessary for all routes, scope may be helpful for a few sections, but not necessary

BOISE RIVER SURVEY SECTION: DISCOVERY



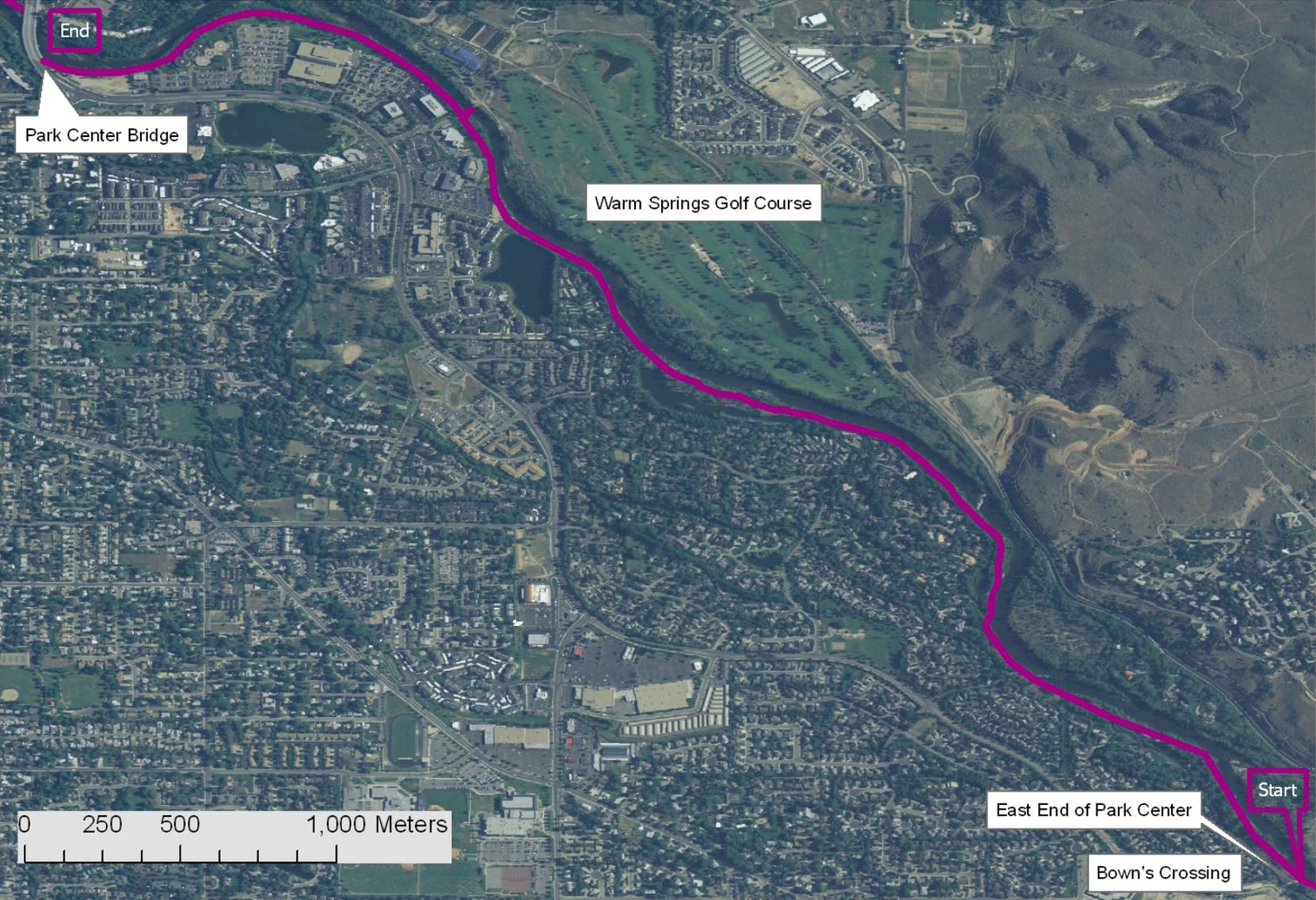
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BOISE RIVER SURVEY SECTION: BARBER



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BOISE RIVER SURVEY SECTION: PARK CENTER

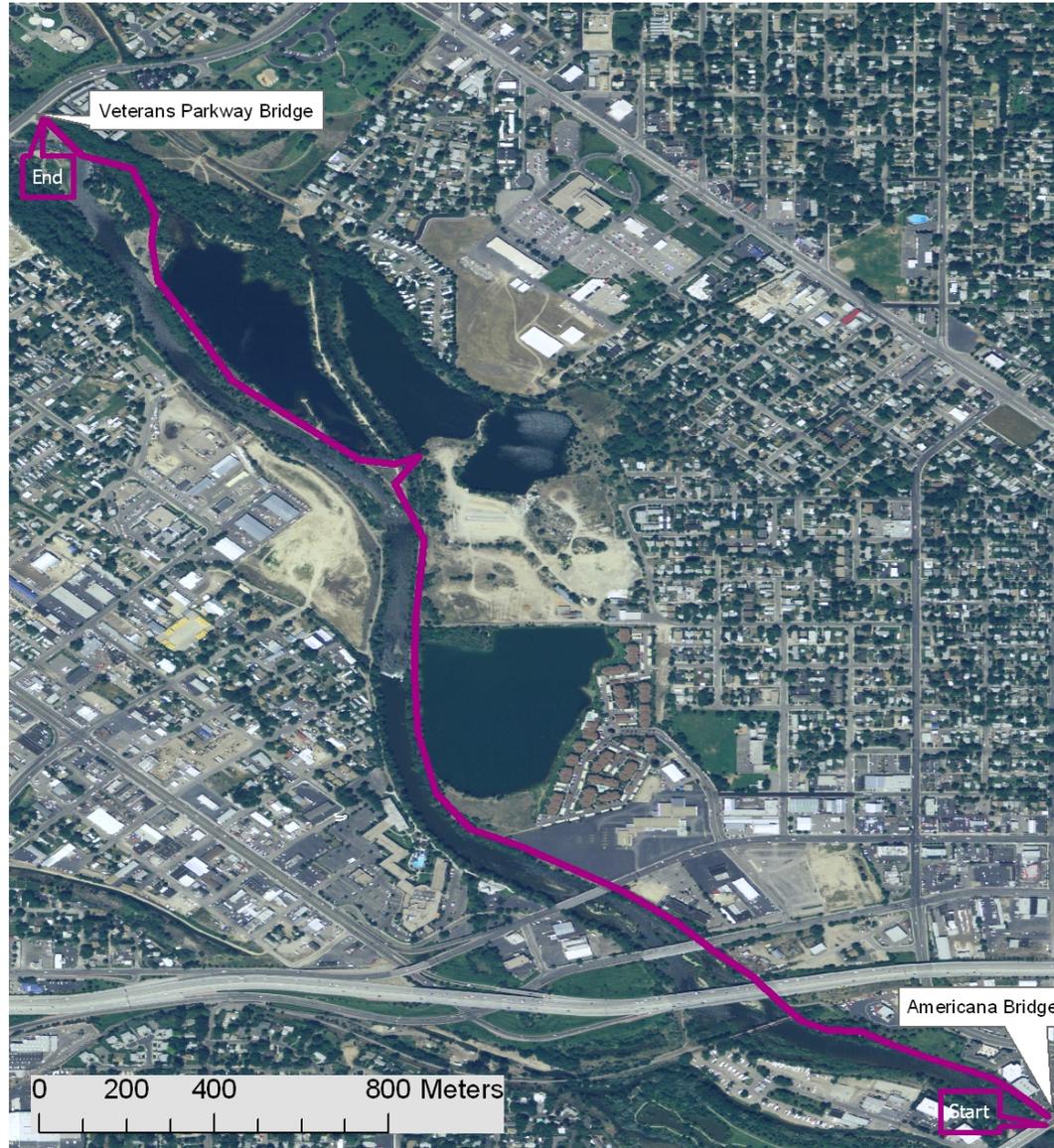


BOISE RIVER SURVEY SECTION: BOISE



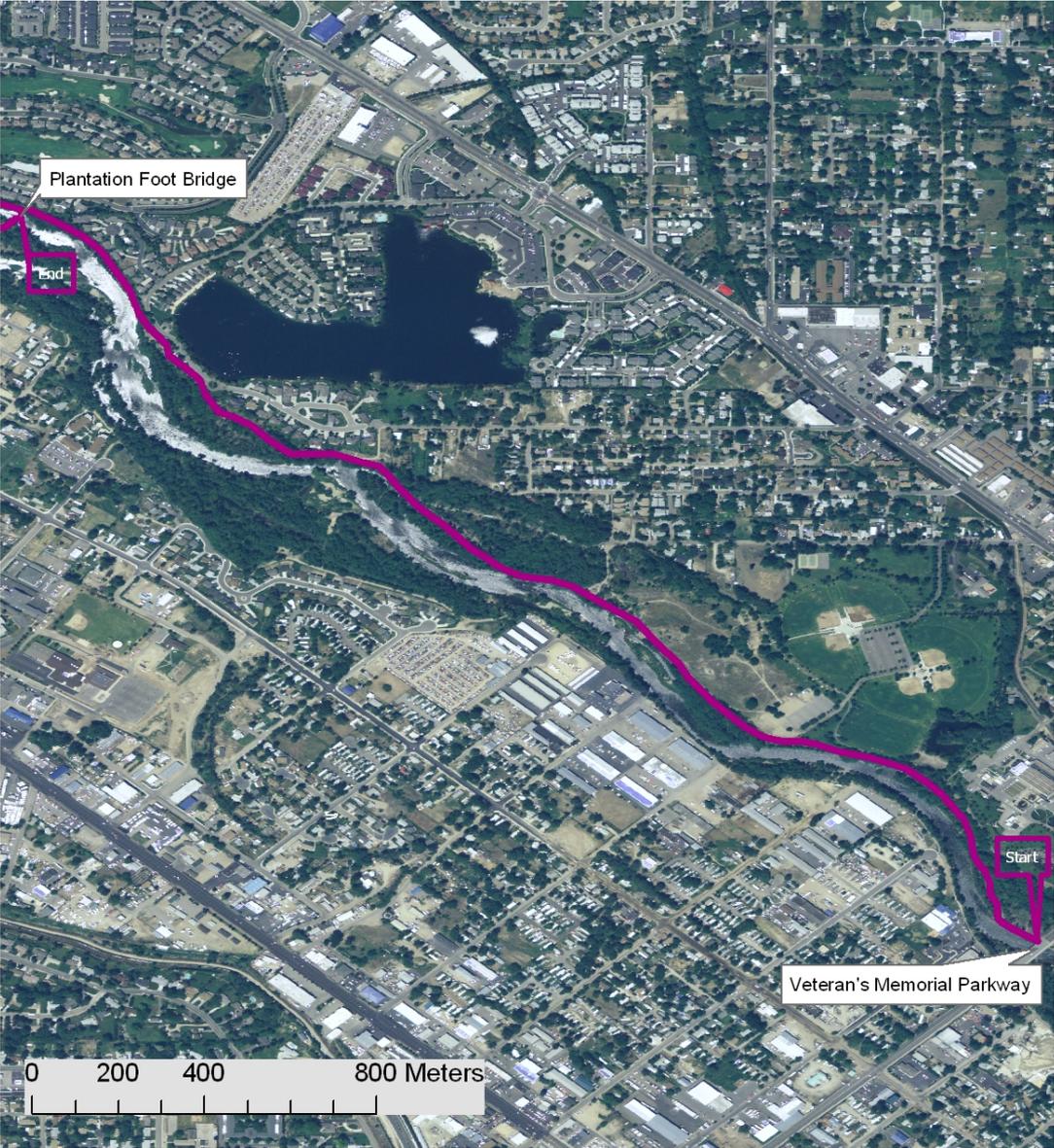
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BOISE RIVER SURVEY SECTION: AMERICANA



Waterbird_Survey_Routes_NAD83

BOISE RIVER SURVEY SECTION: VETERANS



BOISE RIVER SURVEY SECTION: GLENWOOD



Survey Protocols

- Time of Day:
 - Between 1/2 hour after sunrise and noon
- Team Effort!
 - 1 observer, 1 recorder (additional observers OK)
 - Solo OK, if necessary
- Weather: non-inclement weather
- Focus on aquatic birds ONLY
 - Potential impact on double-counting and less common birds
 - Losing track of time

Idaho Waterbird Survey Form

E-mail form to cmoulton@idfg.idaho.gov or mail to Colleen Moulton, IDFG - Wildlife Bureau, P.O. Box 25, Boise, ID 83707

Date: _____ Observer(s): _____

Site: _____ Section: _____

Start Time: _____ End Time: _____

	Tally	Total		Tally	Total
Avocet, American			Merganser, Common		
Bittern, American			----, Hooded		
Bufflehead			----, Red-breasted		
Canvasback			----, Unknown		
Coot, American			Night-Heron, Black-cr.		
Cormorant, Double-cr.			Pelican, American White		
Crane, Sandhill			Phalarope, Red-necked		
Curlew, Long-billed			----, Wilson's		
Dowitcher, Long-billed			----, Unknown		
Duck, Ring-necked			Pintail, Northern		
----, Ruddy			Plover, Semipalmated		
----, Wood			----, Snowy		
----, Unknown			----, Unknown		
Dunlin			Rail, Virginia		
Egret, Cattle			Redhead		
----, Great			Sandpiper, Bairds		
----, Snowy			----, Least		
Gadwall			----, Pectoral		
Godwit, Marbled			----, Semipalmated		
Goldeneye, Barrow's			----, Spotted		
----, Common			----, Western		
----, Unknown			----, Unknown		
Goose, Canada			Scaup, Greater		
----, Greater White-fr.			----, Lesser		
----, Snow			----, Unknown		
Grebe, Clark's			Shoveler, Northern		
----, Eared			Snipe, Wilson's (Common)		
----, Horned			Sora		
----, Pied-billed			Stilt, Black-necked		
----, Red-necked			Swan, Trumpeter		
----, Western			----, Tundra		
----, Small unknown			----, Unknown		
----, Clark's/Western			Teal, Blue-winged		
Gull, Bonaparte's			----, Cinnamon		
----, California			----, Green-winged		
----, Franklin's			----, Unknown		
----, Herring			Tern, Black		
----, Ring-billed			----, Caspian		
----, Unknown			----, Common		
Heron, Great Blue			----, Forster's		
----, Green			----, Unknown		
Ibis, White-faced			Wigeon, American		
Killdeer			Willet		
Loon, Common			Yellowlegs, Greater		
----, Pacific			----, Lesser		
----, Unknown					
Mallard					

* If young of the year are present, denote these individuals with a circle; example: To show 30 adult and 5 young Canada Geese you would enter 30, 5 (with the 5 circled) in the "Total" column

Additional comments: (e.g., extreme survey conditions involving very high winds or very high precip)

Counting and Recording

- Bald eagles and belted kingfishers
- rare species
- Stop only long enough to count
- Identify to species level whenever possible
- Additional Comments?

Submitting Data and Questions

- Datasheet submitted to Colleen Moulton
 - Prepaid envelopes
 - Scanned and emailed OK too
- Protocol Questions?
 - Colleen Moulton; 287-2751
colleen.moulton@idfg.idaho.gov
- Other Questions?
 - Deniz Aygen; 287-2750
deniz.aygen@idfg.idaho.gov