



INVERNESS WATER AND SANITATION DISTRICT

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ENGLEWOOD, CO 80112

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November 19, 2021

Douglas County Board of Commissioners
100 Third Street
Castle Rock, CO 80104

Subject: American Rescue Plan Act (ARPA) – Douglas County Funding Allocation

Dear Douglas County Board of County Commissioners,

On behalf of the Inverness Water and Sanitation District (“Inverness”), we would like to express our interest in the Douglas County ARPA fund allocation.

Inverness was formed in the early 1970’s and as our region grew so did the need for water and wastewater infrastructure. Today, much of the District’s infrastructure is aging and in need of replacement. In addition, Inverness continues to shift away from non-renewable groundwater supplies as aquifer levels decrease and those supplies are not replenished with annual snowmelt. The District made an initial effort to reduce its reliance on deep aquifer water supplies within the Denver Basin from the early stages of development. Inverness was one of the first water and wastewater districts in the South Denver Metro area to fully develop a re-use water supply program. In addition, in the early 1990’s the District pursued permanent renewable water supplies through a partnership with Denver Water. Today that partnership allows Inverness to meet over 60% of its annual demands with renewable supplies. Inverness is also a member of the Water Infrastructure and Supply Efficiency (“WISE”) Project and as a result is currently able to meet the remaining portion of its water supply needs with to achieve 100% renewable supplies.

Inverness has identified several projects that will replace aging infrastructure, maximize the use of its water supplies, and develop additional resilient sources for use during severe and extended drought conditions. At the same time the District continues to invest to further strengthen its participation in the WISE project. These projects are precisely the kind of initiatives Congress envisioned when it passed the ARPA, and we are pleased to be considered by Douglas County to be a part of the fund allocation process to be spent on water and sewer infrastructure.

Inverness has a specific set of planned, critical, infrastructure needs to ensure a reliable, sustainable water future for generations to come and those are:

- **Project #1: Meridian Ball Park Storage Tanks and Related Infrastructure**
 - **Project Location:** Please refer to Exhibit A.
 - **Project Description, need and benefits:** Inverness and the Meridian Metropolitan District have joined forces to construct two large storage water tanks that will allow each district to decrease their reliance on energy-consuming pumps and enhance our ability to provide a more sustainable and reliable potable supply to approximately 23,000 customers in Douglas County. In addition, the partnership will allow Inverness to convey water supplies from the Rueter-Hess Reservoir to Inverness during extended drought conditions.
 - **Estimated Project Costs (*Inverness portion*):** \$6.5M
 - **Estimated Project Time Line, Phasing and Status:** Project design is scheduled for 2022. Estimated construction schedule: 2023.

- **Project #2: IWSD Potable Water Supply System Upgrade**
 - **Project Location:** Please refer to Exhibit B
 - **Project Description, need and benefits:** The original potable water mains in Inverness were constructed in the early 1970's using asbestos cement. Approximately 5,700 LF of water mains have reached the end of their useful life and need to be replaced. The project will benefit approximately 10,000 customers in Inverness.
 - **Estimated Project Costs:** \$2.9 M
 - **Estimated Project Time Line, Phasing and Status:** Project design is estimated for 2024. Estimated construction schedule: 2024 - 2026.

- **Project #3: IWSD Re-Use Distribution System Upgrade**
 - **Project Location:** Please refer to Exhibit C
 - **Project Description, need and benefits:** Inverness has focused on using reuse water for non-potable irrigation in an effort to offset potable water usage for irrigation purposes. However, the reuse water distribution system (10" in diameter – 12,700 feet long) was also constructed in the early 1970's using direct buried ductile iron pipe that is corroding and in constant need of repair. Inverness needs to construct a new reuse water main to provide additional capacity to convert more commercial properties to non-potable irrigation. The project will benefit approximately 10,000 customers in Inverness.
 - **Estimated Project Costs:** \$6.4 M
 - **Estimated Project Time Line, Phasing and Status:** Project design is estimated for 2024. Estimated construction schedule: 2024 - 2027.

With the financial support from the Douglas County ARPA funds we believe that the District would have the opportunity to accelerate our much needed projects while delaying or eliminating the need for additional rate increases.

In closing, we would like to thank you all again for this opportunity and we look forward to further discussions with you about our District's water and wastewater needs as well as the short and long term water supply plans in Inverness.

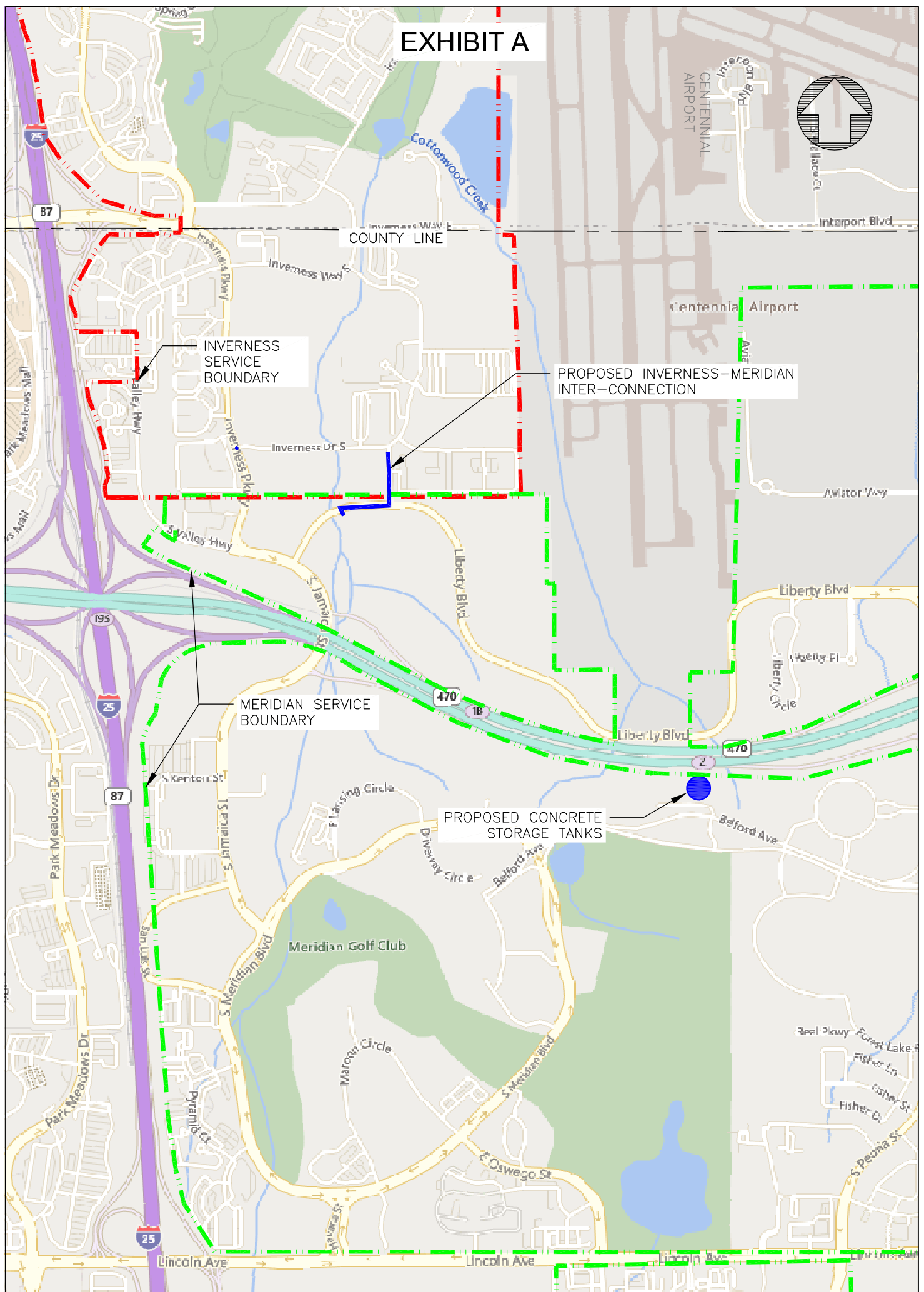
Sincerely,

INVERNESS WATER AND SANITATION DISTRICT



Luis Tovar – General Manager
Cc: IWSD Board of Directors

EXHIBIT A



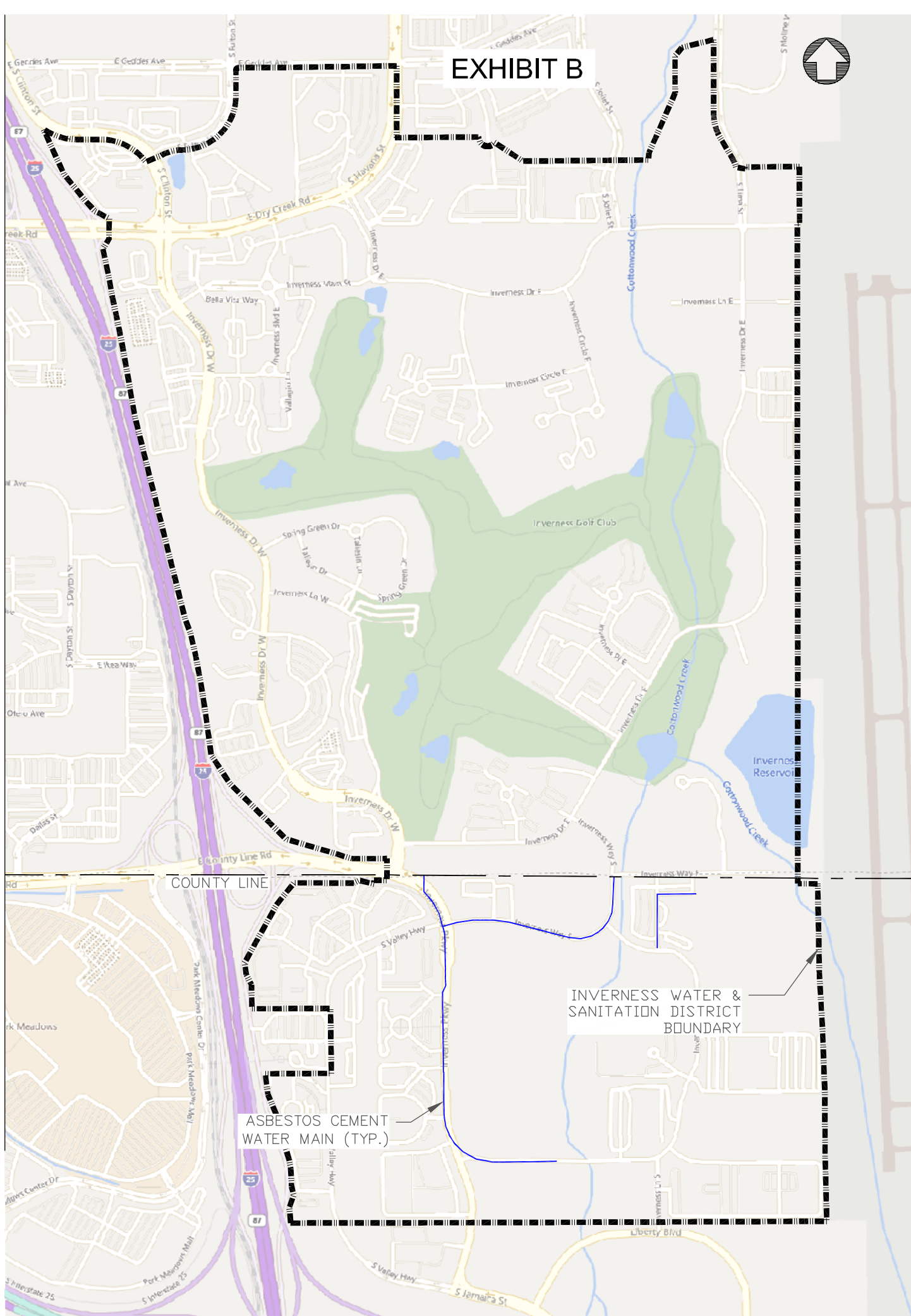
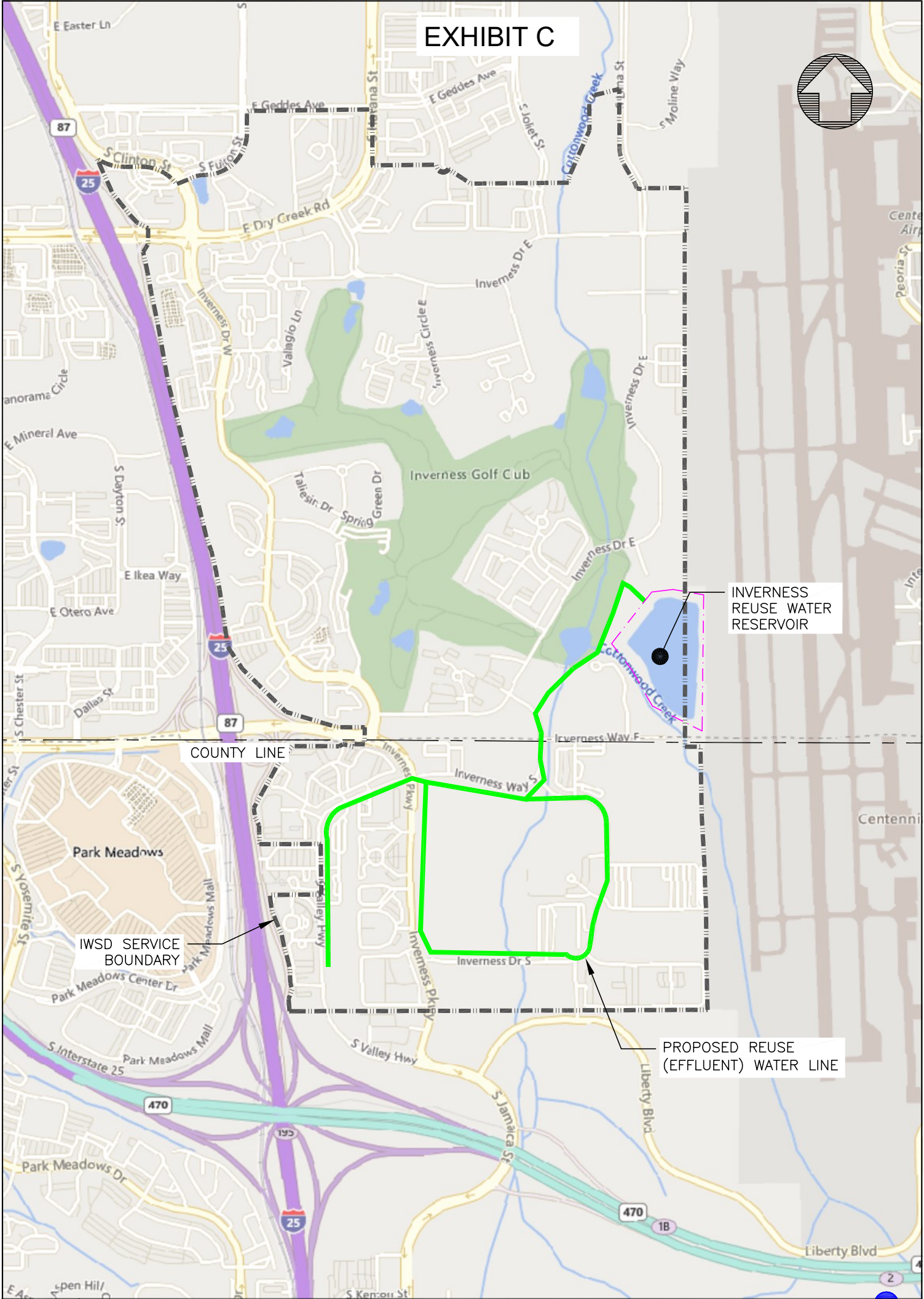


EXHIBIT C



INVERNESS
REUSE WATER
RESERVOIR

COUNTY LINE

IWSD SERVICE
BOUNDARY

PROPOSED REUSE
(EFFLUENT) WATER LINE