

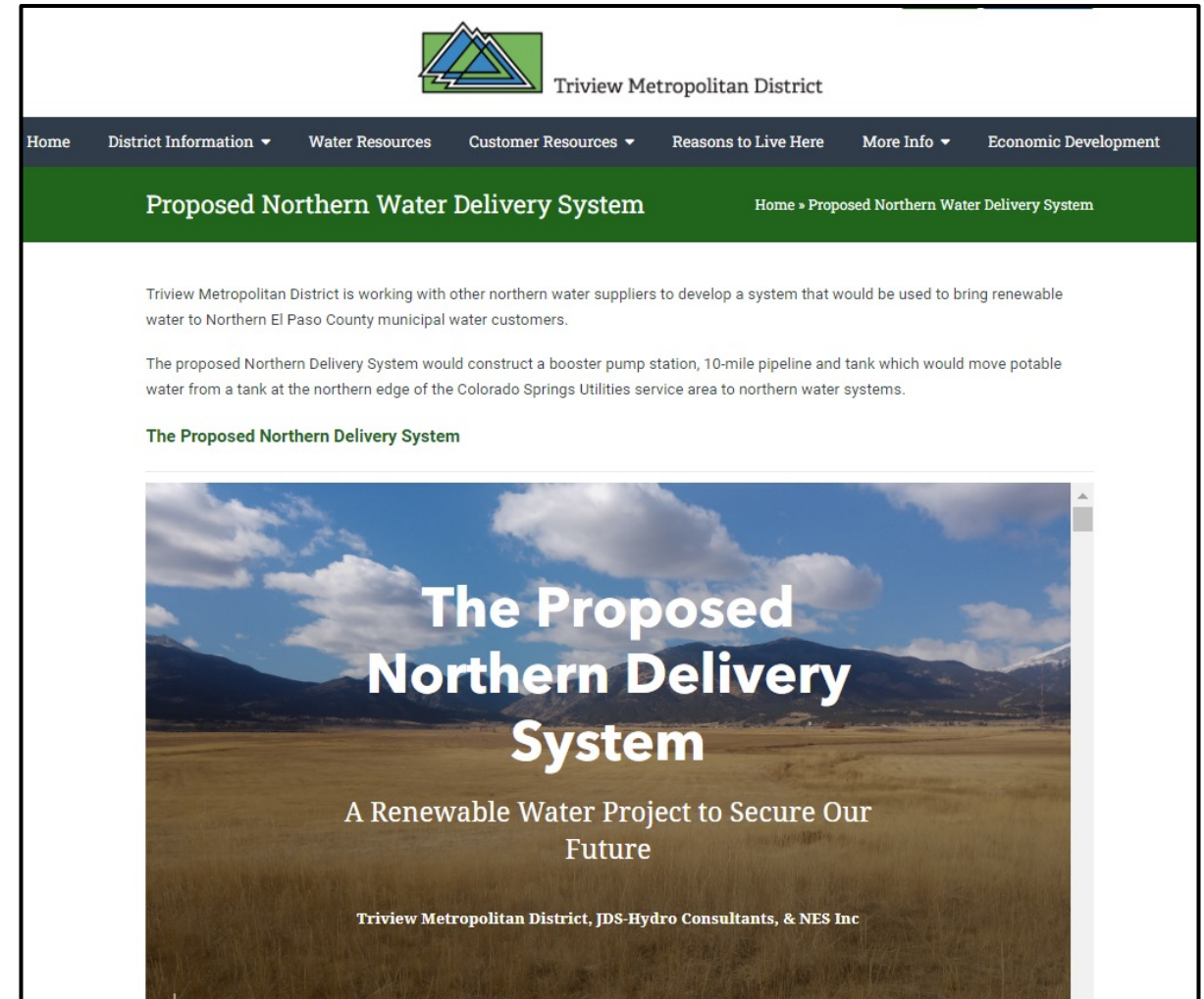
UPDATE: STATUS OF THE PROPOSED NORTHERN DELIVERY SYSTEM

**TRIVIEW METROPOLITAN DISTRICT BOARD MEETING
APRIL 21, 2022**

- › **Triview Metropolitan District**
- › **JDS Hydro**

› PROJECT WEB PAGE & STORYMAP

- / CENTRAL PUBLIC WEB PAGE TO ACCESS PROJECT DETAILS, CONTENT, AND MEETING INFORMATION
- / ALL CONTENT PROVIDED AT PUBLIC MEETINGS IS AVAILABLE ONLINE
- / PROVIDES TRANSPARENCY OF THE PROJECT PLANNING PROCESS
- / ALL OUTREACH AND PUBLIC FEEDBACK PRIOR TO COUNTY PLANNING SUBMISSIONS



PUBLIC OUTREACH



› PUBLIC MEETINGS

- / FOX RUN REGIONAL PARK – 10/16/2021
- / BEAR CREEK ELEMENTARY SCHOOL
- / TRILAKES CHAMBER OF COMMERCE
- / NEPCO BOARD MEETING



› SCHEDULE FINAL MEETINGS

/ SCHEDULE A FINAL MEETING TO OUTLINE SELECTED PROJECT ALIGNMENT AND DETAILS

/ INCLUDE:

- » SUMMARY OF ALL PLANNING TO DATE
- » HIGHLIGHT SELECTED ALIGNMENT AND PIPE SIZES
- » MAJOR INFRASTRUCTURE
- » ESTIMATED CONSTRUCTION COSTS
- » PROJECT BENEFITS

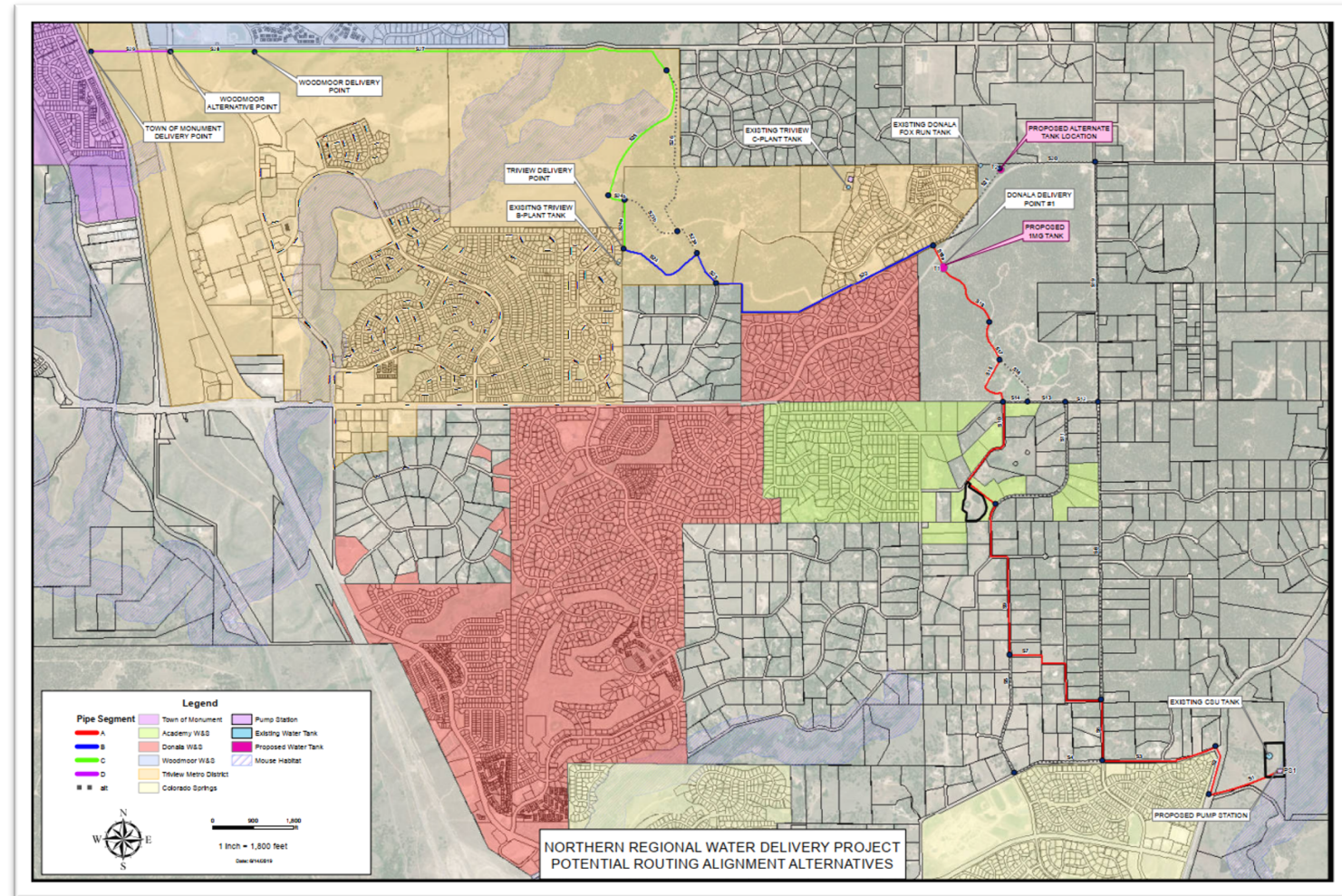
PIPELINE ROUTING

ALTERNATIVE ALIGNMENTS

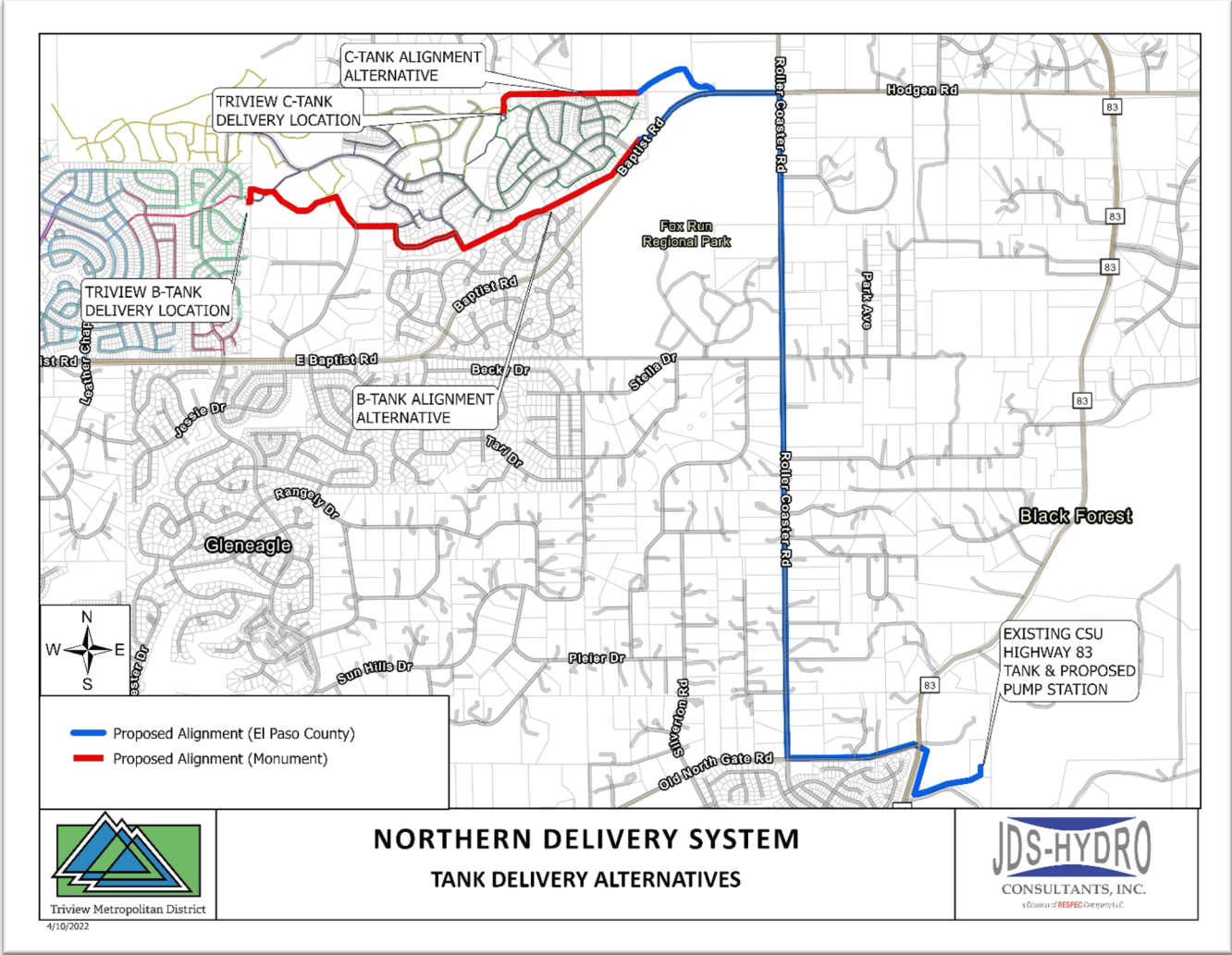
PRELIMINARY ROUTING PLAN

/ ROUTING STUDY ALIGNMENT

/ 05/2020



FINAL ALIGNMENT AFTER PUBLIC INPUT



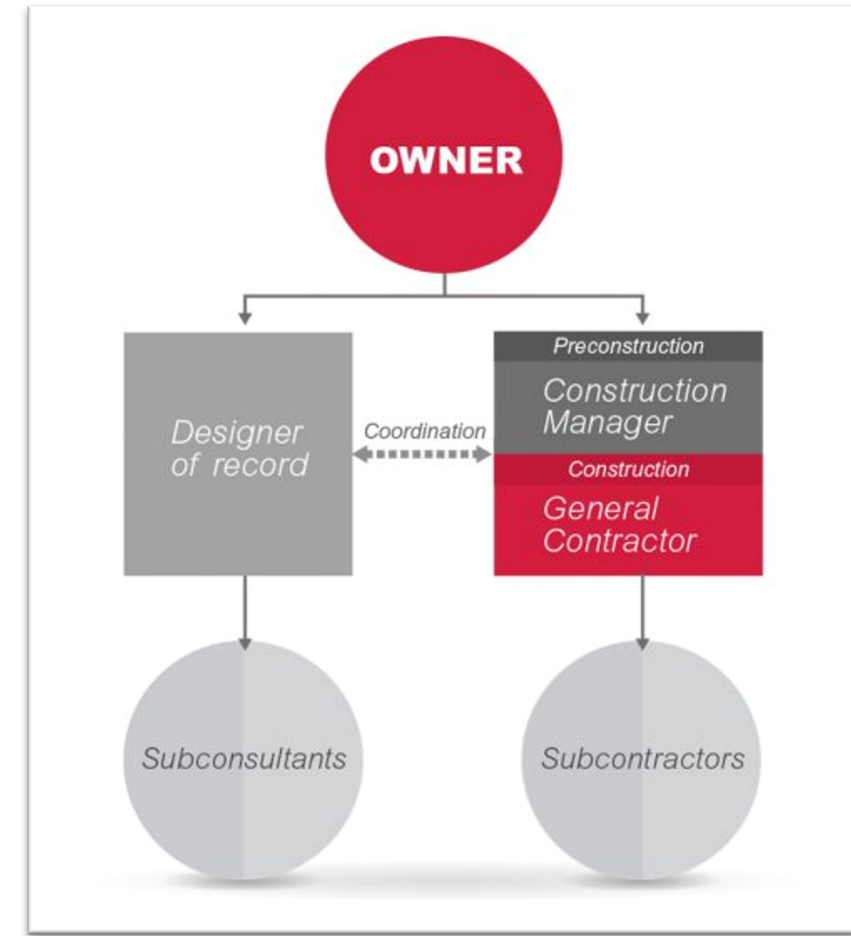
› CURRENT THINKING:

- / 16" Pipeline
- / Designed Flow Rate 4.0 MGD

» Triview	2.475 MGD
» Forest Lakes	0.220 MGD
» Donala	0.542 MGD
» Monument	0.750 MGD
» Total	3.987 MGD

SEGMENT A & SEGMENT B & STORAGE TANK

- / ~32,300 LF (6 MI) 16-IN PVC PIPELINE
 - » OPEN CUT IN ROADWAYS
 - » HIGHWAY 83 JACK AND BORE
 - » HORIZONTAL DIRECTIONAL DRILLING
 - » PROPOSED CONSTRUCTION MANAGER AT RISK (CMGC) CONTRACT
 - » CONTRACTOR TO PROVIDE A GUARANTEED MAXIMUM PRICE
 - » COORDINATE ALL CONSTRUCTION ACTIVITIES
- / 4 MGD PUMP STATION
 - » WILL SUBMIT FOR ARPA FUNDING
 - » COULD HAVE SEPERATE CONTRACT IF QUALIFIED
- / STORAGE TANK(S)
 - » CAN ALSO SUBMIT FOR ARPA FUNDING
 - » CONSTRUCTION TIMING BASED ON DISTRICT BUILDOUT PROJECTIONS



› CSU AGREEMENT

- / 25-YEAR AGREEMENT
- / ONGOING DISCUSSIONS WITH CSU ON AGREEMENT
- / \$9 MILLION TAP FEE
- / MAX DELIVERY FLOW RATE 4 MGD
- / \$7.39 / 1000 GAL
- / METER SIZE LIKELY 8" OR 10"
- / METER SIZE BY TOTAL AMOUNT OF DELIVERY, FEE IS BASED ON ENTITY DELIVERY AMOUNT
 - » TRIVIEW 2.5 MGD = 6" METER FEE (EST.)
 - » FOREST LAKES 0.3 MGD = 2" METER FEE (EST.)
 - » DONALA 0.6 MGD = 3" METER FEE (EST.)
 - » MONUMENT 0.6 MGD = 3" METER FEE (EST.)
- / FINANCING OPTION AVAILABLE
 - » 3.45% - 25YRS

PERMITTING



- › **EL PASO COUNTY 1041**
- › **EL PASO COUNTY SITE DEVELOPMENT PLAN**
- › **EL PASO COUNTY PUBLIC WORKS**
 - / **Work in ROW Permit**
- › **TOWN OF MONUMENT**
 - / **Planning Commission**
- › **COLORADO DEPARTMENT OF HEALTH AND ENVIRONMENT**

ESTIMATED COSTS



› ASSUMES

- / 4 MGD PUMP STATION
- / 16-IN PVC TRANSMISSION MAIN
- / FULL RESPONSIBILITY FOR ASPHALT REPAIRS AND OVERLAYS
- / 15% CONSTRUCTION CONTINGENCY

› CSU TAP FEE

- / ~\$9 MILLION

› PUMP STATION

- / ~\$3.0 MILLION

› SEGMENT A PIPELINE

- / ~\$8.87 MILLION

› SEGMENT B PIPELINE (C-TANK OPTION)

- / ~\$3.28 MILLION
- / ~\$650K (ONSITE DISTRICT IMPROVEMENTS)

› SEGMENT B PIPELINE (B-TANK OPTION)

- / ~\$4.72 MILLION

› STORAGE TANK

- / ~\$2.7 MILLION (EAST OPTION)
- / ~\$1.9 MILLION (NORTH OPTION)

PROPRIETARY AND CONFIDENTIAL DRAFT WORK PRODUCT

ESTIMATED COSTS



› COST ESTIMATE BREAKDOWNS

	C-PLANT PIPELINE OPTION	B-TANK PIPELINE OPTION	STORAGE TANK (B-PLANT - EAST)	STORAGE TANK (B-PLANT - NORTH)	CSU TAP FEE
CSU TAP FEE	-	-	-	-	\$9,000,000
PUMP STATION	\$3,000,000	\$3,000,000	-	-	-
SEGMENT A	\$8,870,000	\$8,870,000	-	-	-
SEGMENT B (C-TANK)	\$3,275,000	-	-	-	-
DISTRICT ONSITES (C-TANK)	\$647,000	-	-	-	-
SEGMENT B (B-TANK)	-	\$4,715,000	-	-	-
STORAGE TANK	-	-	\$1,900,000	\$2,695,000	-
SUBTOTAL	\$15,792,000	16,585,000	\$1,900,000	\$2,695,000	\$9,000,000

› SECOND QUARTER 2022 ACTIVITIES

- / FINALIZE ROUTING BASED ON MEETING INPUT
- / OBTAIN REQUIRED EASEMENTS
 - » SMITH, STOECKER, PROPERTIES ALONG OLD N. GATE
 - » ERICKSON PROPERTY IF SELECTED ROUTE
- / PUBLIC MEETING WITH SANCTUARY POINT RESIDENTS
- / FINAL PUBLIC MEETING
- / SUBMISSION OF 1041 PERMIT APPLICATION TO EPC
- / BEGIN CONSTRUCTION FOR SEGMENT C (CURRENTLY OUT TO BID)
- / HIRE CMGC FOR SEGMENT A & B

› THIRD QUARTER 2022 ACTIVITIES

- / BRING PROJECT DESIGN TO 75%
 - » PUMP STATION,
 - » SEGMENT A
 - » SEGMENT B
- / COMPLETE DELIVERY AGREEMENT WITH COLORADO SPRINGS UTILITIES
- / FINALIZE AGREEMENT WITH EL PASO COUNTY PUBLIC WORKS
- / VALUE ENGINEERING EXERCISE WITH CMGC
 - » OBTAIN GUARANTEED MAXIMUM PRICE

› FOURTH QUARTER 2022 ACTIVITIES

- / OBTAIN FINAL 1041 PERMIT FROM EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT
- / FINALIZE AND EXECUTE PARTICIPATION AGREEMENTS WITH PROJECT PARTNERS
 - » FOREST LAKES
 - » DONALA?
 - » MONUMENT?
- / ENSURE ALL FUNDING IS IN PLACE
 - » \$20,000,000 CASH
 - » FINANCE SAF FEE
- / START ORDERING MATERIALS – SPECIAL ATTENTION TO LONG LEAD ITEMS
- / GOAL TO BEGIN SEGMENT A & B CONSTRUCTION SECOND QUARTER 2023

DISCUSSION / QUESTIONS