EASTERN NEW MEXICO WATER UTILITY AUTHORITY

Eastern New Mexico Water Utility Authority (ENMWUA) Facts

- The ENMWUA's water pipeline system is called the Eastern New Mexico Rural Water System (ENMRWS), also known as the Ute Pipeline Project.

- The ENMWUA's water delivery system will deliver 16,450-acre feet of renewable potable water annually to seven-member communities to include Clovis, Elida, Grady, Melrose, Portales, Texico, areas in Roosevelt and Curry counties, and Cannon Air Force Base.

- The system consists of about 150 miles of conveyance pipeline, a raw water intake structure and pump station at the reservoir with a flow rate of 28 million gallons per day (MGD), a 28-million-gallon raw water booster pump at the base of the Caprock, a one million-gallon storage tank at the top of the Caprock, and a 28 MGD water treatment plant and finished water booster pump to service downstream member communities with finished, potable water.

Eastern New Mexico Water Utility Authority (ENMWUA) Facts

- Funding structure: up to 75% Federal, 25% Non-Federal
- Overall cost of ENMRWS is estimated at $527.4 million. (2017)
- Cost of IGWP: FW1, CR12, FW3 = $81.1 million excluding variables
- Intake Facility Completed – $14.2 million
- FW2 under construction - $28.6 million cost, funds secured
- FW3 at 100% designed - $1.8 million ENMWUA funding currently committed
- FW1 at 60% designed
- Rest of project at 30% designed

Overall Partner Efforts

Federal Level

- FW2 contribution of $18,023,000.00
- Continued funding support from BOR used for pipeline construction
- Five Rural Water Project Coalition effort to increase annual funding to $125 million would fund all five projects within ten years. (BOR FY2019 funding = $113 million)
- White House and Congress considering Infrastructure bill to include water projects
- Discussion with OMB staff suggests larger federal allocation with higher non-federal match

State of New Mexico

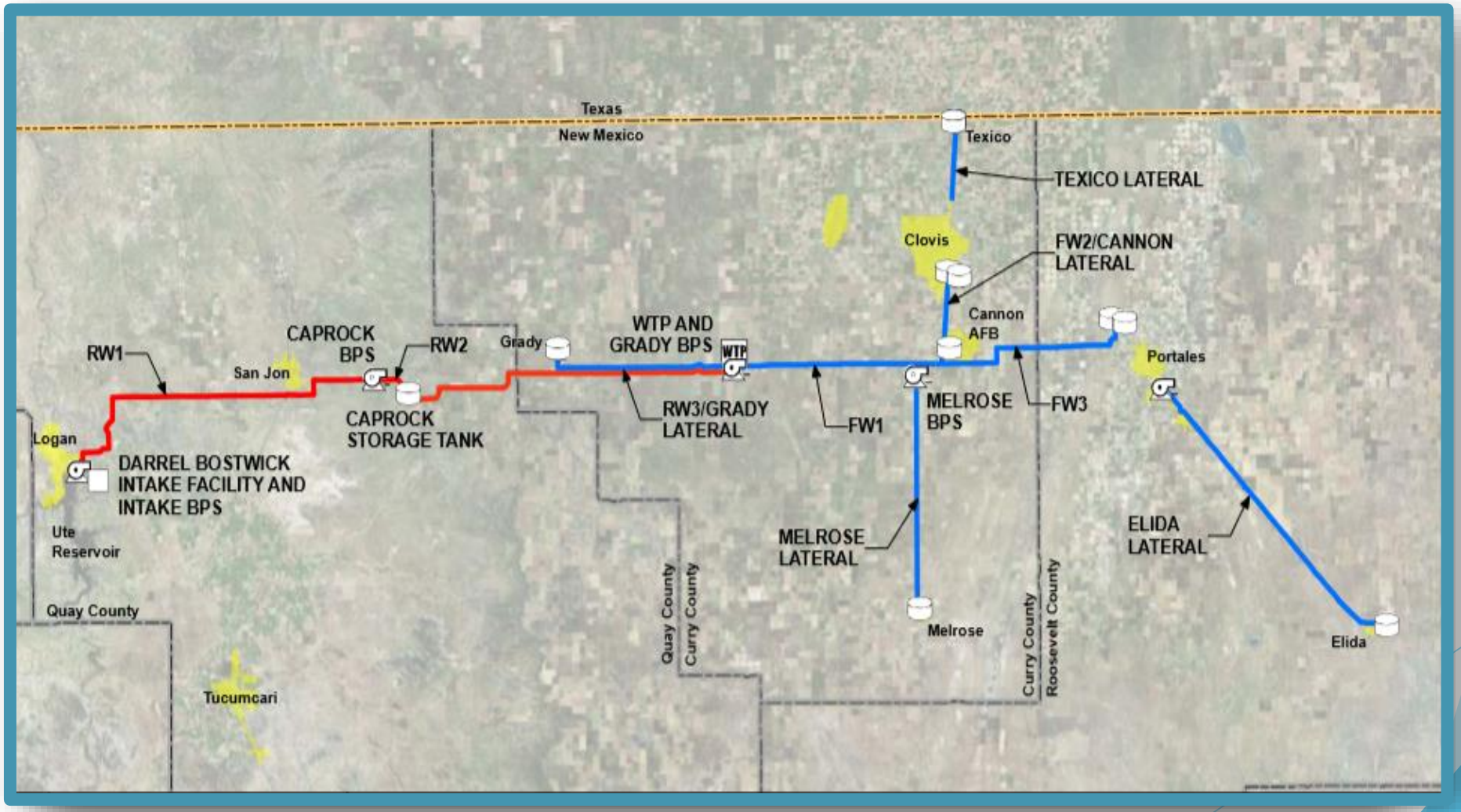
- FW2 contribution of $7,847,496.00
- Continued funding support from WTB applications/awards used for design, easement work, and pipeline construction

ENMWUA Member Communities

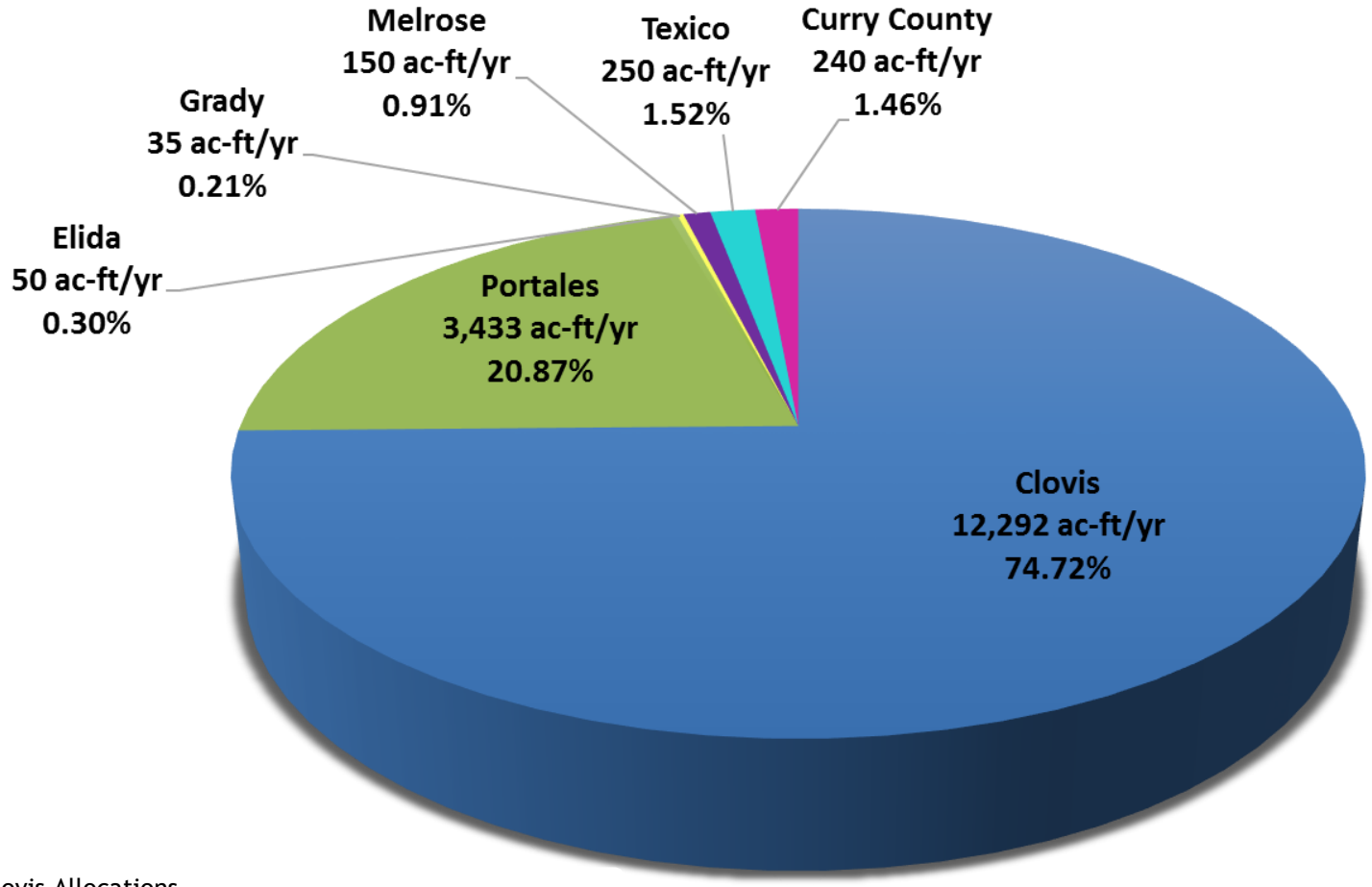
- FW2 contribution of $2,774,094.70
- Annual membership funding supports ongoing administration/operations, professional services, O&M, insurance, debt service, design, engineering, and pipeline construction

Eastern New Mexico Water Utility Authority

(ENMWUA)



ENMWUA Member Allocation

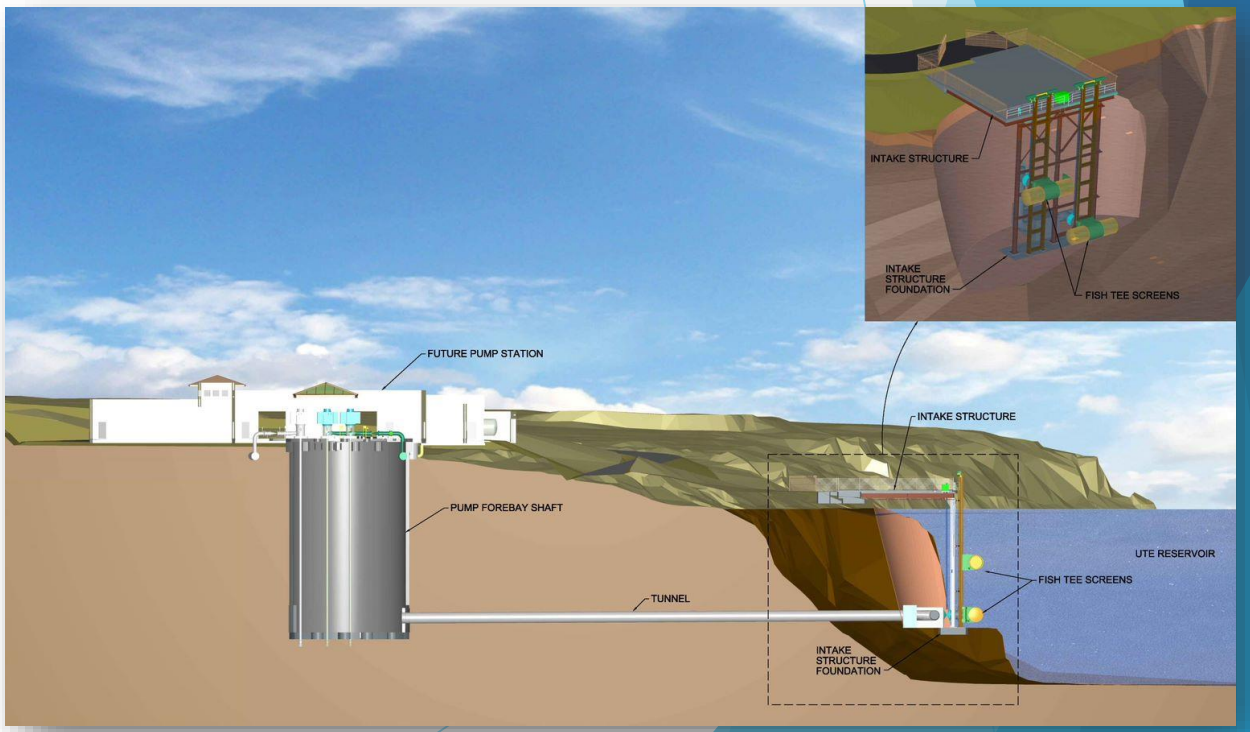


Notes:
Cannon AFB included in Clovis Allocations
95% of Total Project includes Clovis, Portales, and Cannon AFB
Roosevelt County included in Portales Allocation

Intake Structure Facts

- Raw water intake structure and pump station is located on the south shore of Ute Reservoir. The system will have a capable flow rate of 28 million gallons per day (mgd)
- Construction began February, 2013 and was completed April, 2016
- Construction cost, $14.2 Million
- Facility Construction:

Shaft (51 feet diameter by 93 feet deep)
Intake Screen bench (65 feet deep by 115 feet wide)
Intake Tunnel (54 inches diameter by 250 feet long)

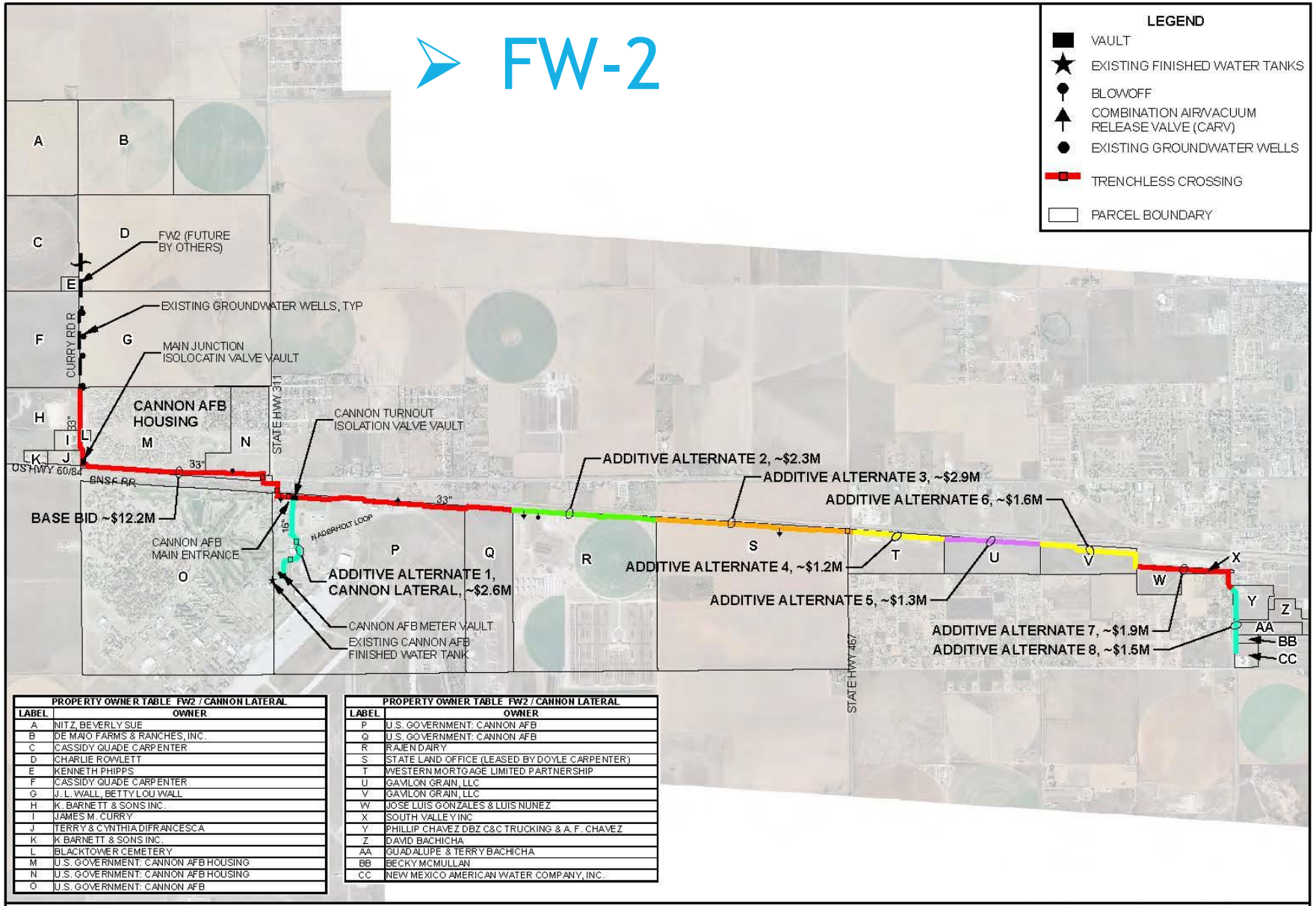


ENMWUA
Cannon AFB to Clovis Pipeline
Finished Water 2 (FW-2)

FW-2 Facts

- FW2 is currently under construction
- Seven-and-a-half-mile portion of the pipeline that begins northwest of Cannon Air Force Base (CAFB) and continues south and east to EPCOR's water storage system/tanks located on Martin Luther King Boulevard and Brady Ave
- Consists of a 33-inch transmission pipeline that connects to CAFB's water delivery system with a 16-inch lateral pipeline
- Connects to Cannon Air Force Base (CAFB) water system
- Connects to Clovis water system (EPCOR)
- Total cost of **$28,644,590.70** (Includes gross receipts tax, 5% contingency, and engineering services during construction)
- Construction Jobs -60 direct jobs on site, 15 direct support off-site

➢ FW-2



PROPERTY OWNER TABLE FW2 / CANNON LATERAL	
LABEL	OWNER
A	NITZ, BEVERLY SUE
B	DE MAIO FARMS & RANCHES, INC.
C	CASSIDY QUADE CARPENTER
D	CHARLIE ROWLETT
E	KENNETH PHIPPS
F	CASSIDY QUADE CARPENTER
G	J. L. WALL, BETTY LOU WALL
H	K. BARNETT & SONS INC.
I	JAMES M. CURRY
J	TERRY & CYNTHIA DIFRANCESCA
K	K BARNETT & SONS INC.
L	BLACKTOWER CEMETERY
M	U.S. GOVERNMENT: CANNON AFB HOUSING
N	U.S. GOVERNMENT: CANNON AFB HOUSING
O	U.S. GOVERNMENT: CANNON AFB

PROPERTY OWNER TABLE FW2 / CANNON LATERAL	
LABEL	OWNER
P	U.S. GOVERNMENT: CANNON AFB
Q	U.S. GOVERNMENT: CANNON AFB
R	RAJEN DAIRY
S	STATE LAND OFFICE (LEASED BY DOYLE CARPENTER)
T	WESTERN MORTGAGE LIMITED PARTNERSHIP
U	GAMLON GRAIN, LLC
V	GAMLON GRAIN, LLC
W	JOSE LUIS GONZALES & LUIS NUNEZ
X	SOUTH VALLEY INC
Y	PHILLIP CHAVEZ DBZ C&C TRUCKING & A. F. CHAVEZ
Z	DAVID BACHICHA
AA	GUADALUPE & TERRY BACHICHA
BB	BECKY MCMULLAN
CC	NEW MEXICO AMERICAN WATER COMPANY, INC.

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FIGURE 1
BASE BID PROJECT PLUS ADDITIVE ALTERNATES
(FW2 AND CANNON LATERAL)

ENMWUA
EASTERN NEW MEXICO WATER UTILITY AUTHORITY

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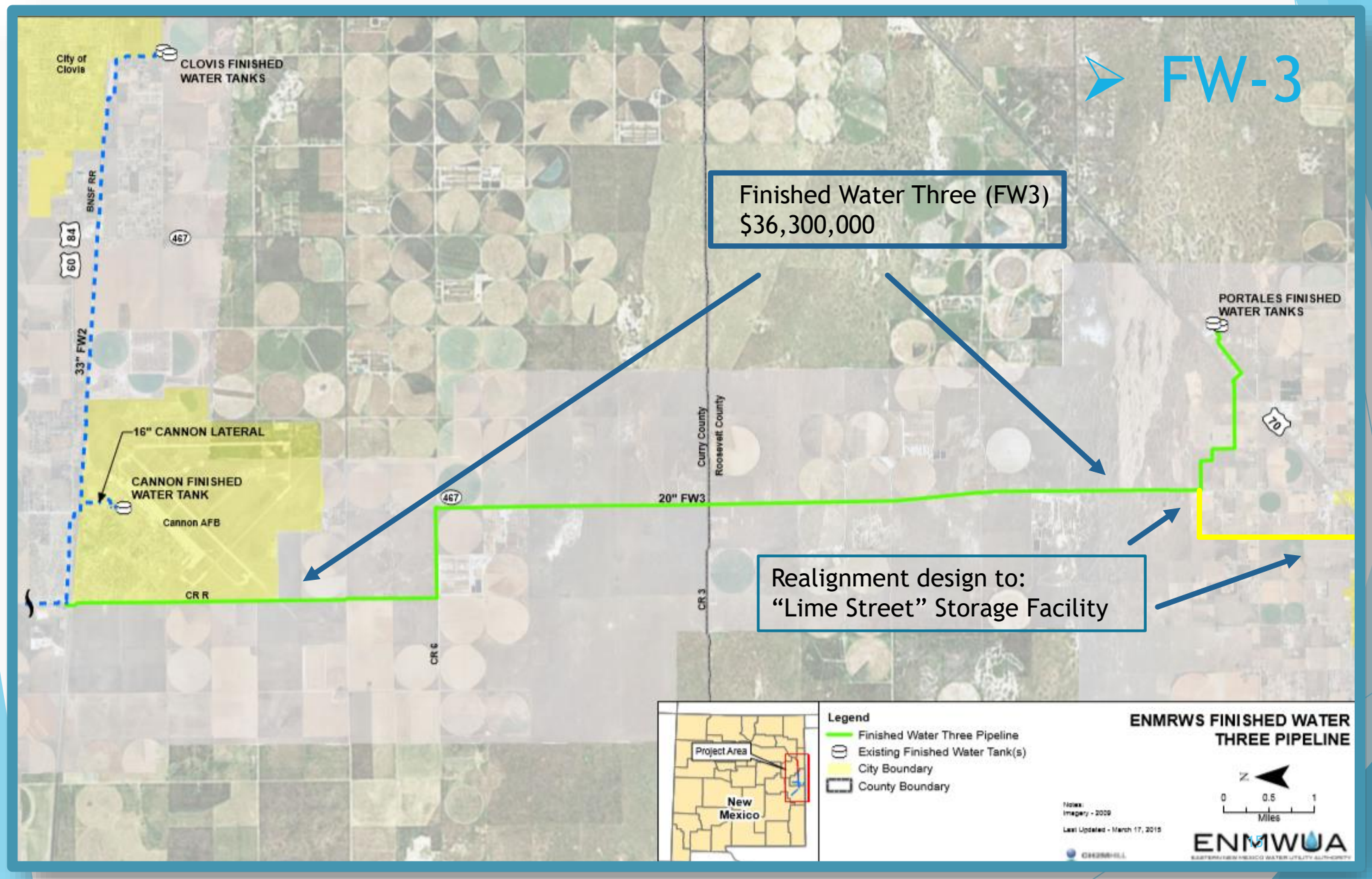
FW-2 Construction

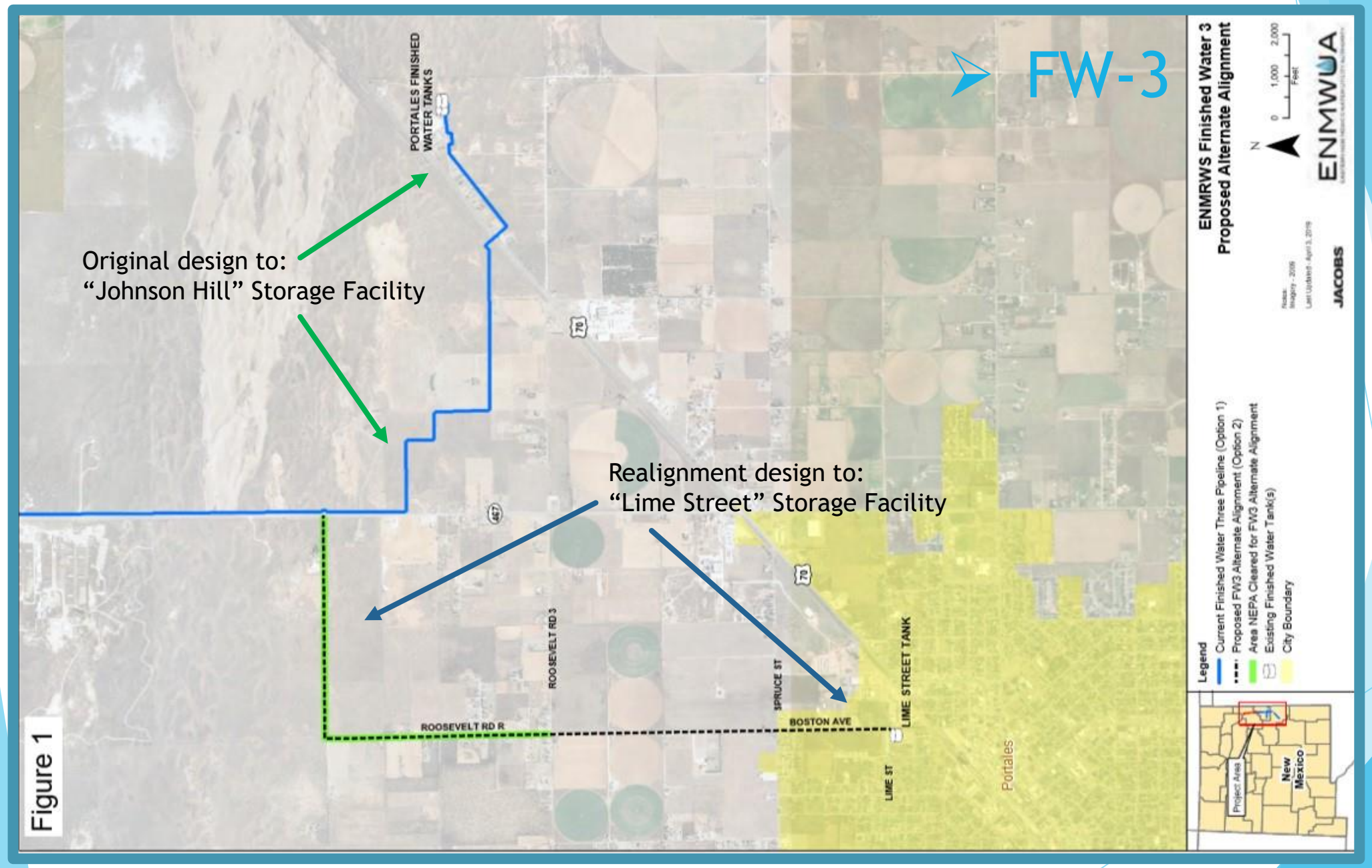
FW-2 Construction

ENMWUA
Cannon AFB to Portales Pipeline
Finished Water 3 (FW-3)

FW-3 Facts

- Finished Water Three (FW3) is 100% designed and engineered
- This phase will be 16 miles of 20-inch PVC transmission pipeline from the northwest area of Cannon Air Force Base to the City of Portales water storage system
- Current activities include acquiring remaining easements and the realignment of the pipeline near Portales
- The estimated construction cost of FW3 is **$36.3** million


FW-3
Finished Water Three (FW3)
$36,300,000
City of Clovis
CLOVIS FINISHED WATER TANKS
BNSF RR
84
60
467
33" FW2
16" CANNON LATERAL
CANNON FINISHED WATER TANK
Cannon AFB
CR R
CR 6
Curry County
Roosevelt County
20" FW3
CR 3
PORTALES FINISHED WATER TANKS
70
Realignment design to:
"Lime Street" Storage Facility
Project Area
New Mexico
Legend
Finished Water Three Pipeline
Existing Finished Water Tank(s)
City Boundary
County Boundary
ENMRWS FINISHED WATER THREE PIPELINE
N
0
0.5
1
Miles
ENMWUA

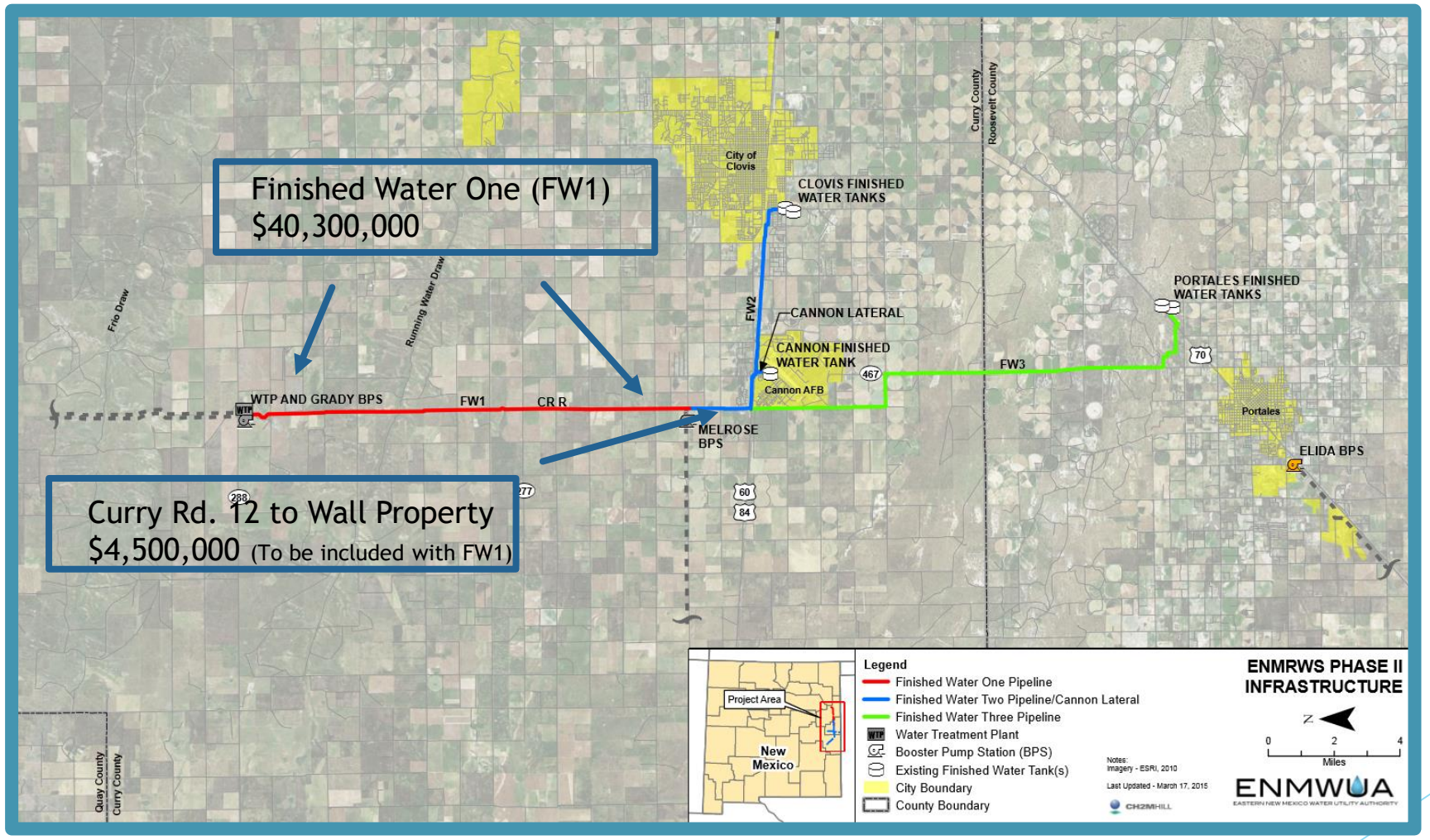

FW-3
Original design to:
"Johnson Hill" Storage Facility
Realignment design to:
"Lime Street" Storage Facility
PORTALES FINISHED WATER TANKS
ROOSEVELT RD 3
ROOSEVELT RD R
SPRUCE ST
BOSTON AVE
LIME STREET TANK
LIME ST
Portales
70
467
ENMRWS Finished Water 3
Proposed Alternate Alignment
Legend
Current Finished Water Three Pipeline (Option 1)
Proposed FW3 Alternate Alignment (Option 2)
Area NEPA Cleared for FW3 Alternate Alignment
Existing Finished Water Tank(s)
City Boundary
Project Area
New Mexico
JACOBS
ENMWUA
Figure 1

ENMWUA
Cannon AFB to Water Treatment Facility
Finished Water 1 (FW-1)

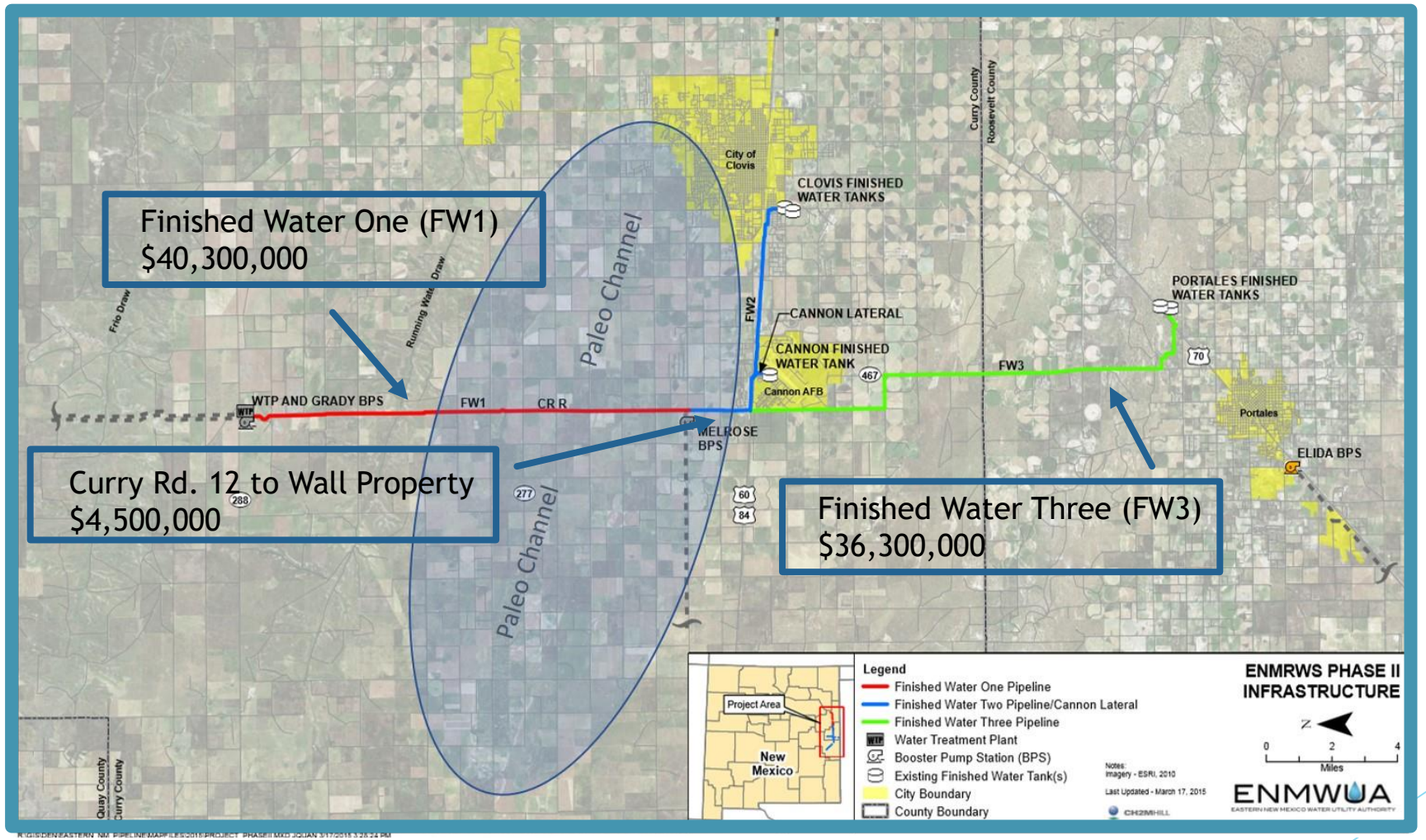
FW-1 Facts

- Finished Water One (FW1) is 60% designed
- The pipeline is 13.7 miles of 39 inch welded steel pipe
- Alignment runs north/south and follows Curry Road R between the future Water Treatment Plant and the point north of Cannon AFB (Curry Road R and Curry Road 12) and connects to FW2.
- Extends the system through potential additional groundwater supplies and to the future Water Treatment Plant
- Estimated construction cost is $40.3 million. Curry Road R to Curry Road 12 costs are estimated at $4.5 million

FW1 Pipeline (in red)



IGWP Pipeline, FW1, FW2, FW3, CR12



FW1 = $40,300,000
CR12 =$ 4,500,000
FW3 = $36,300,000

$81,100,000

Variables excluded:

Design, Land Acquisition,
Land Costs,
Bidding Services,
Services during Construction,

Assumption:

One construction package for each Phase. Assume CR12 to Wall Property to be part of FW1 Construction Package.

Benefits of completing IGWP

- Connects 95% of ENMWUA population
- Provides ability to negotiate for ground water while ground water is still available
- Can provide immediate service to population
- Can bring relief to ENMWUA communities in the interim
- Saves millions of dollars by constructing large portions, economy of scale
- Develops a functional utility
- Creates jobs during construction
- Strengthens eastern New Mexico's economy
- Strengthens New Mexico's military, agriculture, and economic development

Thank You!