

EAST MEDINA COUNTY SPECIAL UTILITY DISTRICT
COMPARATIVE SCHEDULES OF REVENUES AND EXPENSES
ENTERPRISE FUND – FIVE YEARS
(UNAUDITED)

Year ended December 31,

	A M O U N T S		
	2020	2019	2018
Operating revenues:			
Water sales, net of bad-debt expense	\$ 2,096,151	\$ 1,701,971	\$ 1,613,625
Late fees and reconnection charges	110,513	116,351	133,535
Customer deposits	21,098	18,686	14,961
Connection fees	322,711	236,639	121,074
Connection cost	(163,057)	(84,898)	(51,190)
Water acquisition fees	<u>264,684</u>	<u>151,617</u>	<u>91,669</u>
Total operating revenues	<u>2,652,100</u>	<u>2,140,366</u>	<u>1,923,674</u>
Operating expenses:			
Salaries	673,362	611,558	538,175
Utilities	142,297	145,554	130,135
Repairs and maintenance	201,403	208,619	180,954
Vehicle expense	42,550	51,644	43,308
Insurance	39,208	103,621	90,151
Payroll taxes	50,617	52,937	41,747
Professional services	189,822	98,932	108,842
Retirement plan expense	19,431	21,958	21,803
Edwards Aquifer Authority management fee	100,831	101,789	99,154
Other administrative expenses	244,242	165,695	131,631
Depreciation	<u>478,718</u>	<u>483,640</u>	<u>537,063</u>
Total operating expenses	<u>2,182,481</u>	<u>2,045,947</u>	<u>1,922,963</u>
Net operating income	<u>469,619</u>	<u>94,419</u>	<u>711</u>
Nonoperating revenues (expenses):			
Interest income	12,824	43,699	43,678
Gain (loss) on sale of asset	1,900	(1,722)	-
Other income	1,424	26,448	477,633
Lease income	36,325	26,325	72,225
Interest income	<u>(285,271)</u>	<u>(133,914)</u>	<u>(108,110)</u>
Total nonoperating revenues (expenses), net	<u>(232,798)</u>	<u>(39,164)</u>	<u>485,426</u>
Increase in net position, before capital contributions	236,821	55,255	486,137
Capital contributions	<u>-</u>	<u>-</u>	<u>174,025</u>
Change in net position	<u>\$ 236,821</u>	<u>\$ 55,255</u>	<u>\$ 660,162</u>

PERCENT OF FUND TOTAL REVENUES

2017	2016	2020	2019	2018	2017	2016
\$ 1,652,637	\$ 1,558,576	79.04	79.52	83.88	84.10	84.79
123,820	113,976	4.17	5.44	6.94	6.30	6.20
13,423	12,924	0.79	0.87	0.78	0.68	0.70
126,685	99,474	12.17	11.06	6.29	6.45	5.41
(45,650)	(23,530)	(6.15)	(3.97)	(2.66)	(2.32)	(1.28)
94,203	76,697	9.98	7.08	4.77	4.79	4.18
<u>1,965,118</u>	<u>1,838,117</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>
475,866	501,732	25.39	28.57	27.98	24.22	27.30
124,882	112,108	5.37	6.80	6.76	6.35	6.10
171,551	179,793	7.59	9.75	9.41	8.73	9.78
25,648	30,898	1.60	2.41	2.25	1.31	1.68
97,605	106,930	3.89	4.84	4.69	4.97	5.82
37,866	34,428	1.91	2.47	2.17	1.93	1.87
64,625	57,936	7.16	4.62	5.66	3.29	3.15
21,220	12,082	0.73	1.03	1.13	1.08	0.66
85,711	94,410	3.80	4.76	5.15	4.36	5.14
131,125	121,379	6.80	7.74	6.84	6.67	6.60
512,902	481,963	18.05	22.60	27.92	26.10	26.22
<u>1,749,001</u>	<u>1,733,659</u>	<u>82.29</u>	<u>95.59</u>	<u>99.96</u>	<u>89.01</u>	<u>94.32</u>
<u>216,117</u>	<u>104,458</u>	<u>17.71</u>	<u>4.41</u>	<u>0.04</u>	<u>10.99</u>	<u>5.68</u>
22,868	15,368	0.48	2.04	2.27	1.16	0.84
12,507	11,955	0.07	(0.08)	-	0.64	0.65
151,986	123,693	0.05	1.24	24.83	7.73	6.73
72,225	61,727	1.37	1.23	3.75	3.68	3.36
(125,860)	(118,430)	(10.75)	(6.26)	(5.62)	(6.40)	(6.44)
133,726	94,313	(8.78)	(1.83)	25.23	6.81	5.14
349,843	198,771	8.93	2.58	25.27	17.80	10.81
-	-	-	-	9.05	-	-
<u>\$ 349,843</u>	<u>\$ 198,771</u>	<u>8.93</u>	<u>2.58</u>	<u>34.32</u>	<u>17.80</u>	<u>10.81</u>

EAST MEDINA COUNTY SPECIAL UTILITY DISTRICT

**SCHEDULE OF BOARD MEMBERS, KEY ADMINISTRATIVE PERSONNEL
AND CONSULTANTS (UNAUDITED)**

Year ended December 31, 2020

Complete District mailing address: East Medina County Special Utility District
Post Office Box 628
Devine, Texas 78016

District business telephone number: (830) 709-3879

Submission date for the most recent District registration form (TWC Sections 36.054 and 49.954): August 21, 2020

Limit on fees of office that a director may receive during a fiscal year: Zero
(set by Board resolution-TWC Section 49.060)

<u>Name and Address</u>	<u>Term of Office (Elected or Appointed) or Date Hired</u>	<u>Fees Fiscal Year Ended December 31, 2020</u>	<u>Expense Reimbursements Fiscal Year Ended December 31, 2020</u>	<u>Title at Year End</u>
<u>Board Members</u>				
Roy J. Tschirhart, Jr. 2710 FM 1343 Devine, Texas 78016	Elected 08/18-08/21	\$ -	\$ -	Member
Timothy Hildenbrand Post Office Box 508 Castroville, Texas 78009	Elected 08/19-08/22	-	-	Member
Hector De La Fuente 165 CR 5705 Devine, Texas 78016	Elected 08/20-08/23	-	-	Member
JoNell M. Tarvin 530 CR 366 Hondo, Texas 78861	Elected 08/20-08/23	-	-	Secretary/ Treasurer
Caroline A. Nentwich 930 CR 651 Devine, Texas 78016	Elected 08/18-08/21	-	-	Vice-President
Richard A. Sultenfuss Post Office Box 425 Devine, Texas 78016	Elected 08/19-08/22	-	-	2nd Vice-President
Gina Mangold Post Office Box 735 Castroville, Texas 78009	Elected 08/20-08/23	-	-	President

(continued)

EAST MEDINA COUNTY SPECIAL UTILITY DISTRICT

**SCHEDULE OF BOARD MEMBERS, KEY ADMINISTRATIVE PERSONNEL
AND CONSULTANTS (UNAUDITED)**

Year ended December 31, 2020

Name and Address	Term of Office (Elected or Appointed) or Date Hired	Fees Fiscal Year Ended December 31, 2020	Expense Reimbursements Fiscal Year Ended December 31, 2020	Title at Year End
<u>Key Administrative Personnel</u>				
Bruce Alexander 516 Vienna Castroville, Texas 78009	04/08	\$ -	\$ 931	Superintendent
Debora DuBose 607 West Coker Devine, Texas 78016	09/03	-	414	Business Manager
Ronald Lemmons 100 Sunnyland Drive Castroville, Texas 78009	10/18	-	135	Field Manager/ Operator D License
<u>Consultants</u>				
RSM US LLP 19026 Ridgewood Parkway, Suite 400 San Antonio, Texas 78259	1998	49,950	-	Auditors
Patrick Lindner Davidson Troilo Ream & Garza, PC 601 NW Loop 410, Suite 100 San Antonio, Texas 78216	1999	15,523	-	Legal Issues General Counsel
Frost Capital Markets Duncan Morrow Senior Vice-President/Capital Markets 111 West Houston Street, 8th Floor San Antonio, Texas 78205	2014	1,500	-	Financial Advisors
Gostomski and Hecker, PC Ed Hecker 607 Urban Loop San Antonio, Texas 78204	2019	1,449	-	Legal Counsel
Bickerstaff, Heath, Delgado, Acosta, LLP 3711 S. Mopac Expressway Building One, Suite 300 Austin, Texas 78746	2014	4,908	-	CCN Attorney
RESPEC Russell Persyn Post Office Box 725 Rapid City, South Dakota 57709	2018	116,030	-	Engineer
McCall, Parkhurst & Horton, LLP Tom Spurgeon 700 N. St. Mary's, Suite 1525 San Antonio, Texas 78205	2020	17,275	-	Bond Counsel

EAST MEDINA COUNTY SPECIAL UTILITY DISTRICT

**U.S. DEPARTMENT OF AGRICULTURE (USDA) NON-DISCRIMINATION STATEMENT
(UNAUDITED)**

Year ended December 31, 2020

USDA requires the District to include the following non-discrimination statement on all materials produced for public information.

In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://ascr.usda.gov/complaintfiling_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by:

- (1) Mail U.S. Department of Agriculture
 Office of the Assistant Secretary for Civil Rights
 1400 Independence Avenue, SW
 Washington, D.C. 20250-9410;
- (2) Fax (20) 690-7442; or
- (3) Email program.intake@usda.gov

USDA is an equal opportunity provider, employer, and lender.

EAST MEDINA COUNTY SPECIAL UTILITY DISTRICT

U.S. DEPARTMENT OF AGRICULTURE (USDA) NON-DISCRIMINATION STATEMENT (UNAUDITED)

Year ended December 31, 2020

Spanish Translation

De acuerdo con la ley federal de derechos civiles y las reglamentaciones y las reglamentaciones y políticas de derechos civiles de! Departamento de Agricultura de Estados Unidos (U.S. Department of Agriculture, USDA), se prohíbe al USDA, sus agencias, oficinas y empleados, e instituciones que participan o administran los programas del USDA, discriminar por motivos de raza, color, origen nacional, religión, género, identidad de género (incluidas las expresiones de género), orientación sexual, discapacidad, edad, estado civil, estado familiar/parental, ingresos derivados de un programa de asistencia pública, creencias políticas, o represalias por actividades previas sobre derechos civiles, en cualquier programa o actividad llevados a cabo o financiados por el USDA (no todas las bases se aplican a todos los programas). Las fechas límite para la presentación de remedios y denuncias varían según el programa o el incidente.

Las personas con discapacidades que requieran medios alternativos de comunicación para obtener información sobre el programa (por ej., Braille, letra grande, cinta de audio, lenguaje americano de señas, etc.) deberán comunicarse con la Agencia responsable o con el Centro TARGET del USDA al (202) 720-2600 (voz y TTY) o comunicarse con el USDA a través del Servicio Federal de Transmisiones al (800) 877-8339. Asimismo, se puede disponer de información del programa en otros idiomas además de inglés.

Para presentar una denuncia por discriminación en el programa, complete el Formulario de denuncias por discriminación en el programa del USDA, AD-3027, que se encuentra en línea en http://www.ascr.usda.gov/complaintfiling_cust.html, o en cualquier oficina del USDA, o escriba una carta dirigida al USDA e incluya en la carta toda la información solicitada en el formulario. Para solicitar una copia del formulario de denuncias, llame al (866) 632-9992. Envíe su formulario completado o su carta al USDA por las siguientes vías:

- (1) correo: U.S. Department of Agriculture,
Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, SW
Washington, D.C. 20250-9410;
- (2) fax: (202) 690-7442; o
- (3) correo electrónico: program.intake@usda.gov.

El Departamento de Agricultura de Estados Unidos (USDA) es un proveedor, empleador y prestador que ofrece igualdad de oportunidades.



ANNUAL FILING AFFIDAVIT

STATE OF TEXAS COUNTY OF Medina

I, Lauren Evans of the

(Name of Duly Authorized District Representative)

East Medina County Special Utility District

(Name of District)

hereby swear, or affirm, that the district named above has reviewed and approved at a meeting of the Board of the Directors of the District on the 16th day of March 2021 its annual audit report for the fiscal year or period ended 2020 and those copies of the annual audit report have been filed in the district office, located at:

16313 FM 471 South, Devine, Texas 78016

(Address of District)

The annual filing affidavit and the attached copy of the audit report are being submitted to the Texas Commission on Environmental Quality in satisfaction of the annual filing requirements of Texas Water Code Section 49.194.

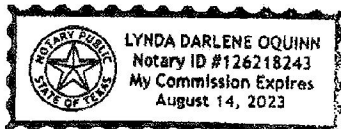
Date: 3/18/2021 By: Lauren Evans
(Signature of District Representative)

Lauren Evans, Business Manager

(Typed Name & Title of above District Representative)

Sworn to and Subscribed to before me by this 18 day of March 2021
(SEAL)

Lynda D. O'Quinn
(Signature of Notary)



My Commission Expires On: August 14, 2023
Notary Public in the State of Texas.

TCEQ-0723 (Rev. 07/2012)

Part C: Question 10

Historical Financial Information URL:

<https://www.emcsud.dst.tx.us/documents/837/EMCUDFSYE12-31-20Auditwsignedaffidavit.pdf>



EAST MEDINA COUNTY SPECIAL UTILITY DISTRICT

2020 CAPITAL IMPROVEMENT PROGRAM



PREPARED FOR

East Medina County Special Utility District
16313 FM 471
Devine, TX78019

JANUARY 2020



EAST MEDINA COUNTY SPECIAL UTILITY DISTRICT

2020 CAPITAL IMPROVEMENT PROGRAM

PREPARED BY

Daryl D. Spillmann, P.E.
Texas Registered Engineering Firm F-17502

RESPEC

1020 NE Loop 410, Suite 340
San Antonio, TX 78209

PREPARED FOR

East Medina County Special Utility District
16313 FM 471
Devine, TX 78016

JANUARY 2020

Project Number 3347

THIS DOCUMENT IS FOR INTERIM REVIEW
PURPOSES ONLY AND IS NOT INTENDED
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PERMITTING PURPOSES. IT WAS
PREPARED UNDER THE AUTHORITY OF
DARYL D. SPILLMANN, P.E. 87903 ON
JANUARY 27, 2020





EXECUTIVE SUMMARY

RESPEC has prepared the Capital Improvement Program (CIP) for East Medina County Special Utility District (EMCSUD) for 2020. This CIP is based on the following priorities for the district:

- / Substandard water mains identified within the system
- / Leak prone water mains identified by staff
- / Distribution system improvements identified to improve system efficiency
- / Production facility improvements related to growth and maintenance

Summary projected costs for the capital improvements are presented in Table ES-1

Table ES-1. Summary of proposed improvement costs

Category	Number of Projects	Cost Estimate (\$)
Substandard water mains	86	\$14,996,931.17
Leak prone water mains	3	\$1,911,183
Distribution improvements	2	\$1,610,746
Production Facility Improvements	3	\$1,375,000
Total	93	\$19,893,860.17

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1.0 INTRODUCTION

RESPEC has been tasked by the East Medina County Special Utility District (EMCSUD) to prepare a Capital Improvement Program (CIP). This program identified four areas of focus for the district:

- / Water mains which are considered substandard for regulatory compliance.
- / Water mains identified where excessive maintenance dictates replacement is in order
- / Water mains intended to improve operational efficiency and robustness of the system
- / Production facility improvements to accommodate growth and replace aging equipment

2.0 SUBSTANDARD WATER MAINS

RESPEC took available mapping data provided by EMCSUD and assembled a geodatabase of the water distribution system. In simplest terms, the geodatabase is a map of the system with an inventory of the assets and attributes of each component such as location, size, material, age, and other useful data. For development of the CIP, we used the geodatabase to identify water mains that do not meet Texas Commission on Environmental Quality (TCEQ) standards for size and capacity. The minimum size water main allowed by TCEQ is 2-inch. Depending on the number of customers served, TCEQ regulations may require a water main larger than 2-inch. A significant amount of 1-inch and 1-1/2-inch water main exists within the system and should be replaced with appropriate sizes to bring it compliance with TCEQ regulations. The lists of projects within each plant service area are listed in the respective subsections below. Due to the wide variety of complexity and pipe sizes required for compliance, a planning level estimate of \$50/feet of water main was used to estimate replacement costs for these projects. More detailed information on the projects is provided in the Table A-1 of the Appendix

2.1 PLANT 1

RESPEC identified 28 projects in the Plant 1 area at an estimated cost of \$3,248,933.64. A list of proposed projects is listed in Table 2.1-1. A map of these projects is illustrated on Exhibit E-01 in the Appendix.



Table 2.1-1. List of proposed capital projects related to substandard water mains in Plant 1

Project	Location	Section Length (ft)	Cost Estimate (\$)
P1-1	CR 5715: CR 678 to CR 672	1,445	\$72,250.00
P1-2	CR 5715: CR 5718 to CR 5702	2,500	\$125,000.00
P1-3	FM 471: CR 678 to CR 679	2,615	\$130,770.07
P1-4	CR 678: CR 5715 to FM 471	1,210	\$60,500.00
P1-5	FM 463: FM 471 to Chacon Creek	1,097	\$54,865.08
P1-6	FM 463: On Gates tract	1,302	\$65,076.52
P1-7	FM 463: CR 5715 to 800' east	1,747	\$87,335.46
P1-8	CR 6710: CR 5715 to CR 6712; CR 6712: CR 6710 to FM 463	6,972	\$348,588.71
P1-9	FM 2790: North of CR 6710	868	\$43,404.81
P1-10	CR 5719: CR 5705 to FM 471	1,782	\$89,077.21
P1-11	CR 7814: West of CR 5705	2,511	\$125,573.54
P1-12	CR 5719: CR 5175 to 600' east	678	\$33,917.05
P1-13	CR 5718: CR 5718 to CR 5716	6,185	\$309,236.33
P1-14	CR 5717: CR 5716 to 3600' east	3,558	\$177,899.56
P1-15	CR 5702: CR 5715 to 3,000 west	2,980	\$149,000.00
P1-16	CR 5701: 1" main on south side of Pearson Lake	630	\$31,502.13
P1-17	CR 5710: 1.5" water main west of Plant 1	2,699	\$134,969.83
P1-18	CR 5714: 1" main for Rihn	838	\$41,888.83
P1-19	CR 5714: 1.5" main for Peterson	722	\$36,096.50
P1-20	CR 562 area	6,430	\$321,510.63
P1-21	FM 2790: CR 582 to CR 5714	2,655	\$132,742.08
P1-22	FM 2790: Water main for Huth service	1,238	\$61,892.47
P1-23	CR 583 north of CR 582	4,275	\$213,747.80
P1-24	CR 5712: 1,100 feet east of CR 4713	1,039	\$51,960.79
P1-25	CR 4713 along Menard and Persyn tracts	1,621	\$81,071.75
P1-26	CR 4713 east of CR 5713	66	\$3,278.06
P1-27	CR 5713 south of CR 4713	3,006	\$150,278.43
P1-28	CR 5715: CR 679 to CR 678	2,250	\$112,500.00
Total	Plant 1	64,919	\$3,245,933.64



2.2 PLANT 2

RESPEC identified 32 projects in the Plant 2 area at an estimated cost of \$4,992,935.73. A map of these projects is illustrated on Exhibit E-02 in the Appendix.

Table 2.2-2. List of proposed capital projects related to substandard water mains in Plant 2

Project	Location	Section Length (ft)	Cost Estimate (\$)
P2-1	CR 6612: CR 5710 to 2,000 feet east	2955	\$147,764.04
P2-2	CR 5710: CR 6612 to CR 768; CR 768: CR 5710 to east	9258	\$462,878.13
P2-3	CR 6612: 1.5" main for Walsh	291	\$14,525.18
P2-4	CR 6612: 1" water main between CR 676 and CR 5710	992	\$49,621.68
P2-5	CR 6614: CR 5710 to 1,100 west	1076	\$53,797.20
P2-6	CR 665: CR 5710 to CR 3,700 east	3661	\$183,025.62
P2-7	CR 6611: CR 676 to FM 463	5145	\$257,228.32
P2-8	CR 665: 1.5" water main north of CR	1529	\$76,441.60
P2-9	CR 664 west of CR 5710	678	\$33,914.70
P2-10	CR 664: 1.5" main on north side between CR 676 and FM 463	1008	\$50,383.48
P2-11	CR 6716, CR 6715: CR 6716 to FM 471; FM 471: CR 6715 10 Devine	8749	\$437,455.99
P2-12	CR 6715: FM 463 to 700' east	683	\$34,164.03
P2-13	CR 6610: FM 463 to 1,900' west	1844	\$92,196.88
P2-14	FM 471: 1" service to Tepee	466	\$23,310.37
P2-15	CR 676: 320' south of CR 6610	316	\$15,798.88
P2-16	CR 6610: CR 5710 to 4800' east	4800	\$239,987.49
P2-17	CR 7905: CR 6712 to 3000' west	2029	\$101,433.97
P2-18	CR 6712 and SN 132 area	5074	\$253,701.53
P2-19	CR 672 and FM 471 area	6302	\$315,082.62
P2-20	CR 6712: 1.5" water main to the east between CR 7905 and CR 672	2272	\$113,586.46
P2-21	CR 668: CR 5710 to 1600' east	1544	\$77,193.40
P2-22	CR 674: FM 463 to creek	3692	\$184,607.49
P2-23	CR 6712: CR 672 to 1300' north	1288	\$64,413.99
P2-24	FM 471: 1.5" main east, between CR 672 and CR 7904	284	\$14,201.94
P2-25	CR 672: CR 7904 to 2100' north	2087	\$104,351.52
P2-26	CR 672: FM 463 to 5700' west	5600	\$280,000.00
P2-27	CR 671 area	5881	\$294,036.00



P2-28	CR 7906: FM 471 to 2,200' east	2156	\$107,796.58
P2-29	CR 678: 1.5" water main to north, near FM 463	744	\$37,189.09
P2-30	CR 5710 north of CR 667 and CR 662	5935	\$296,747.55
P2-31	CR 672: FM 463 to 5,200' east	4430	\$221,500.00
P2-32	Complete loop between Plant 2 and Plant 4 at CR5710 and SH 173	7,092	\$354,600.00
Total	Plant 2	92,769	\$4,992,935.73

2.3 PLANT 4

RESPEC identified 15 projects in the Plant 1 area at an estimated cost of \$4,052,547.75. A map of these projects is illustrated on Exhibit E-03 in the Appendix.

Table 2.3-3. List of proposed capital projects related to substandard water mains in Plant 4

Project	Location	Section Length (ft)	Cost Estimate (\$)
P4-1	SH 173 and CR 5710 area	1445	\$264,482.14
P4-2	FM 1343: 1900' East of SH 173 to CR 664	2500	\$239,694.75
P4-3	FM 1343: 2500' north of CR 664	2615	\$34,763.85
P4-4	CR 545: 1700' west of CR 653 to End	1210	\$181,146.22
P4-5	CR 652: SH 173 to 2800' east	1097	\$139,658.14
P4-6	SH 173 & CR 653	1302	\$229,857.00
P4-7	FM 1343 and CR 661 area	1747	\$836,852.34
P4-8	CR 651: 5400' east of CR 467	6972	\$106,429.28
P4-9	FM 1343: 1 mile north of CR 662	868	\$200,817.14
P4-10	CR 651: 10,000 east of CR 467	1782	\$165,986.76
P4-11	CR 5710 near Biedeger tract	2511	\$357,705.91
P4-12	FM 1343 near CR 651	678	\$64,977.64
P4-13	CR 651 and 7842 area	6185	\$130,959.41
P4-14	Archer tract between PR 7842 and CR 467	3558	\$173,905.38
P4-15	FM 1343 and CR 4514	2980	\$925,311.79
Total	Plant 4	81,051	\$4,052,547.75



2.4 PLANT 5

RESPEC identified 11 projects in the Plant 1 area at an estimated cost of \$2,715,514.05. A map of these projects is illustrated on Exhibit E-04 in the Appendix.

Table 2.4-4. List of proposed capital projects related to substandard water mains in Plant 5

Project	Location	Section Length (ft)	Cost Estimate (\$)
P5-1	CR 4617	1445	\$95,303.58
P5-2	CR 4514 and CR4621	2500	\$263,876.17
P5-3	CR4621 and CR4514	2615	\$36,205.62
P5-4	Hwy 90	1210	\$93,879.63
P5-5	Hwy 90 and CR4614	1097	\$114,115.91
P5-6	Hwy 90 and Private Rd	1302	\$102,805.12
P5-7	Hwy 90 and CR4631	1747	\$196,385.71
P5-8	Hwy 90 and CR4545	6972	\$923,943.49
P5-9	CR 4516 and CR 4651	868	\$91,485.19
P5-10	CR 4516	1782	\$251,750.97
P5-11	CR 4516 and CR 4643	2511	\$535,762.66
Total	Plant 5	54,111	\$2,705,514.05

3.0 LEAK PRONE WATER MAINS

The district has identified three project areas where excessive leak repairs dictate replacement of the water main is in order. Design of these projects have been completed or are in progress under authorized work orders. A map of these projects is illustrated on Exhibit E05 in the Appendix.

Table 3-1. List of proposed capital projects related to leak prone water mains

Project	Section Length (ft)	Construction Cost Estimate (\$)	Design Cost ^(d) Expended to Date (\$)
US 90: Vet Clinic to CR 4612 ^{(a)(b)}	4100	\$446,697	\$8,345
US 90: CR 4612 to 7200' west (Robbins Propane) ^(a)	7200	\$464,486	\$12,800
CR 6710: FM 471 to CR 5716 ^(c)	10,700	\$1,000,000	\$23,715
Total	3,480	\$1,911,183	\$44,860

- (a) Design completed
- (b) Approximately 1,000 feet of this project has been completed through construction work order
- (c) Design currently in progress. This project overlaps with Project P1-8
- (d) These costs not included in CIP since they are already incurred

4.0 DISTRIBUTION SYSTEM IMPROVEMENTS

A list of proposed distribution system improvement projects is presented in Table 4-1. These water main projects will provide interconnects between Plant 5 and Plants 1, 2, and 4 to improve operational efficiency and flexibility. Design plans for these projects have been completed under authorized work orders. A map of these project is illustrated on Exhibit E-05 in the Appendix.

Table 4-1. List of projects related to distribution system improvements

Section	Approximate Length (ft)	Construction Cost Estimate (\$)	Design Cost ^(a) Expended to Date (\$)
FM 1343: Alsatian Heights to UPRR; CR 4514: FM 1343 to Alsatian Foothills	19,600	1,039,339	\$18,125
FM 1343: UPRR to 6000' south	6000	571,407	\$10,660
Total	21,100	\$1,610,746	\$28,785

- (a) These costs not included in CIP since they are already incurred

5.0 PRODUCTION SYSTEM IMPROVEMENTS

A list of proposed projects at production facilities has been proposed in Table 5-1. No design work has been completed on these projects. Projected costs are preliminary only.



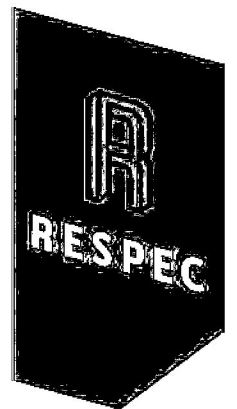
Table 5-1. List of projects related to improvements at production facilities

Description	Construction Cost Estimate (\$)	Estimated Design Cost (\$)	Total Estimated Project Cost (\$)
Upgrades to Plant 1 (Install 500,000 gallon ground storage tanks (GST) and booster station)	600,000	60,000	660,000
Upgrades to Plant 4 (Relocation of Plant 5 tank or Install New 100,000 gal GST)	250,000	25,000	275,000
Upgrades to Plant 5 (Demo or Relocate Existing EST, Construct 250,000 gal EST)	400,000	40,000	440,000
Total	\$1,250,000	\$125,000	\$1,375,000

APPENDIX

A-1

RSI-3347





RESPEC

APPENDIX:

TABLE A-1: SUBSTANDARD WATER MAIN PROJECTS

EXHIBIT E-01: PLANT 1 CIP MAP

EXHIBIT E-02: PLANT 2 CIP MAP

EXHIBIT E-03: PLANT 4 CIP MAP

EXHIBIT E-04: PLANT 5 CIP MAP

EXHIBIT E-05: LEAK PRONE WATER MAINS AND DISTRIBUTION IMPROVEMENTS MAP

East Medina County Special Utility District
2020 Capital Improvement Program
Table A-1: Substandard Water Main Projects

Work Area	Location	Issues	Length	Cost per Foot	Total Cost	No. of Services	Proposed Solution
P1-1	CR 5715: CR 678 to CR 672	1.5" water main	1445	\$50.00	\$72,250.00	4	Upsize to minimum 2"
P1-2	CR 5715: CR 5718 to CR 5702	2" and 1.5" water mains.	2500	\$50.00	\$125,000.00	7	Upsize to minimum 4"
P1-3	FM 471: CR 678 to CR 679	1" and 1.5" water mains	2615	\$50.00	\$130,770.07	5	May want to included interconnect with Plant 2 and division valve at CR 678
P1-4	CR 678: CR 5715 to FM 471	1.5" water main	1210	\$50.00	\$60,500.00	8	Upsize to minmum 2". Consider interconnect with Plant 2 at FM 471
P1-5	FM 463: FM 471 to Chacon Creek	1.5" water main	1097	\$50.00	\$54,865.08	6	Reconnect any services to the existing 6" water main
P1-6	FM 463: On Gates tract	1.5" water main extend on to Wanda Gates tract with multiple services	1302	\$50.00	\$65,076.52	7	Upsize water main to 2"
P1-7	FM 463: CR 5715 to 800' east	1" water main	1747	\$50.00	\$87,335.46	3	Reconnect services to the existing 6" water main
P1-8	CR 6710: CR 5715 to CR 6712, CR 6712: CR 6710 to FM 463	1.5" water main	6972	\$50.00	\$348,588.71	17	Upsize to minimum 4"
P1-9	FM 2790: North of CR 6710	Services on east side of road on 1.5" main	868	\$50.00	\$43,404.81	4	Reconnect services to 6" main on west side of FM 2790
P1-10	CR 5719: CR 5705 to FM 471	2" and 1.5" water mains.	1782	\$50.00	\$89,077.21	18	Upsize to a minimum 4" and create loop
P1-11	CR 7814: West of CR 5705	1.5" water main	2511	\$50.00	\$125,573.54	9	Upsize to a minimum of 2"
P1-12	CR 5719: CR 5175 to 600' east	1.5" water main	678	\$50.00	\$33,917.05	2	Reconnect services to the existing 2". Consider extending existing 2" to the east to complete loop.
P1-13	CR 5718: CR 5718 to CR 5716	1.5" water main	6185	\$50.00	\$309,236.33	15	Upsize to a minimum 4"
P1-14	CR 5717: CR 5716 to 3600' east	1.5" water main	3558	\$50.00	\$177,899.56	3	Upsize to a minimum 2"
P1-15	CR 5702: CR 5715 to 3,000 west	1.5" water main	2980	\$50.00	\$149,000.00	15	Upsize to 2" (needs to be constructed with P1-2)
P1-16	CR 5701: 1" main on south side of Pearson Lake	1" water main	630	\$50.00	\$31,502.13	1	Upsize to minimum 2"
P1-17	CR 5710: 1.5" water main west of Plant 1	1.5" water main	2699	\$50.00	\$134,969.83	4	Upsize to 2"
P1-18	CR 5714: 1" main for Rihn	1" water main for 1 service	838	\$50.00	\$41,888.83	1	Upsize to 2" or deed to owner
P1-19	CR 5714: 1.5" main for Peterson	1.5" water main	722	\$50.00	\$36,096.50	2	Upsize to 2"
P1-20	CR 562 area	Various sizes in easements	6430	\$50.00	\$321,510.63	4	Upsize to 2"
P1-21	FM 2790: CR 582 to CR 5714	1.5" water main	2655	\$50.00	\$132,742.08	2	Upsize to 6" to complete loop
P1-22	FM 2790: Water main for Huth service	1.5" water main	1238	\$50.00	\$61,892.47	1	Upsize to 2" or consider deeding to owner
P1-23	CR 583 north of CR 582	1.5" water main	4275	\$50.00	\$213,747.80	9	Upsize to minimum 2". Consider 4"
P1-24	CR 5712: 1,100 feet east of CR 4713	1.5" water main	1039	\$50.00	\$51,960.79	2	Upsize to 2"
P1-25	CR 4713 along Menard and Persyn tracts	1.5" water main	1621	\$50.00	\$81,071.75	4	Upsize to minimum 4"

East Medina County Special Utility District
 2020 Capital Improvement Program
 Table A-1: Substandard Water Main Projects

Work Area	Location	Issues	Length	Cost per Foot	Total Cost	No. of Services	Proposed Solution
P1-26	CR 4713 east of CR 5713	1.5" water main for service	66	\$50.00	\$3,278.06	1	Reconnect service to 4" water main
P1-27	CR 5713 south of CR 4713	1.5" water main	3006	\$50.00	\$150,278.43	8	Water main has been upgraded in this area to 4". Reconnect all service to the new 4"
P1-28	CR 5715: CR 679 to CR 678	Multiple water mains	2250	\$50.00	\$112,500.00	3	Switch all services to the 2.5" water main
P2-1	CR 6612: CR 5710 to 2,000 feet east	1.5" water main	2955	\$50.00	\$147,764.04	5	Upsize to 4"
P2-2	CR 5710: CR 6612 to CR 768; CR 768: CR 5710 to east	Various small mains	9258	\$50.00	\$462,878.13	36	Upsize to 4"
P2-3	CR 6612: 1.5" main for Walsh	1.5" main for one service	291	\$50.00	\$14,525.18	4	Consider deeding to owner
P2-4	CR 6612: 1" water main between CR 676 and CR 5710	1" water main serves three customers	992	\$50.00	\$49,621.68	4	Upsize to 2"
P2-5	CR 6614: CR 5710 to 1,100 west	1.5" water main	1076	\$50.00	\$53,797.20	7	Upsize to 2"
P2-6	CR 665: CR 5710 to CR 3,700 east	1.5" water mains	3661	\$50.00	\$183,025.62	18	Upsize to 4" minimum. Consider upsizing entire distance between CR 5710 and 676 (7,900 feet)
P2-7	CR 6611: CR 676 to FM 463	1.5" water main	5145	\$50.00	\$257,228.32	19	Upsize to 4" minimum.
P2-8	CR 665: 1.5" water main north of CR	1.5" serves five customers	1529	\$50.00	\$76,441.60	8	Upsize to 2"
P2-9	CR 664 west of CR 5710	1.5" water main	678	\$50.00	\$33,914.70	5	Upsize to 4"
P2-10	CR 664: 1.5" main on north side between CR 676 and FM 463	1.5" water main with two service connections	1008	\$50.00	\$50,383.48	3	Upsize to 2"
P2-11	CR 6716, CR 6715: CR6716 to FM 471, FM 471: CR 6715 10 Devine	1.5" water main	8749	\$50.00	\$437,455.99	42	Upsize to 4"
P2-12	CR 6715: FM 463 to 700' east	1.5" water main	683	\$50.00	\$34,164.03	5	Reconnect service to existing 3" water main
P2-13	CR 6610: FM 463 to 1,900' west	1.5" water main	1844	\$50.00	\$92,196.88	8	Reconnect service to 3"
P2-14	FM 471: 1" service to Tepee	1" water main with one service	466	\$50.00	\$23,310.37	4	Needs more review, but consider deeding to owner
P2-15	CR 676: 320' south of CR 6610	1" water main	316	\$50.00	\$15,798.88	5	Upsize to 2"
P2-16	CR 6610: CR 5710 to 4800' east	1.5" water main	4800	\$50.00	\$239,987.49	19	Reconnect services to existing 3"
P2-17	CR 7905: CR 6712 to 3000' west	1.5" and 2" water mains	2029	\$50.00	\$101,433.97	10	Upsize to 4"
P2-18	CR 6712 and SN 132 area	Various sizes	5074	\$50.00	\$253,701.53	7	Upsize to 2" minimum
P2-19	CR 672 and FM 471 area	Various sizes	6302	\$50.00	\$315,082.62	19	Needs re-evaluation. Much of the area has been upgraded to 6", but some small mains remain.
P2-20	CR 6712: 1.5" water main to the east between CR 7905 and CR 6721.5" water main		2272	\$50.00	\$113,586.46	3	Upsize to 2"
P2-21	CR 668: CR 5710 to 1600' east	15" main	1544	\$50.00	\$77,193.40	14	Upsize to 4"
P2-22	CR 674: FM 463 to creek	Various	3692	\$50.00	\$184,607.49	14	Upsize to 4". Consider extending to CR 6714
P2-23	CR 6712: CR 672 to 1300' north	1.5"	1288	\$50.00	\$64,413.99	3	Upsize to 2"

East Medina County Special Utility District
 2020 Capital Improvement Program
 Table A-1: Substandard Water Main Projects

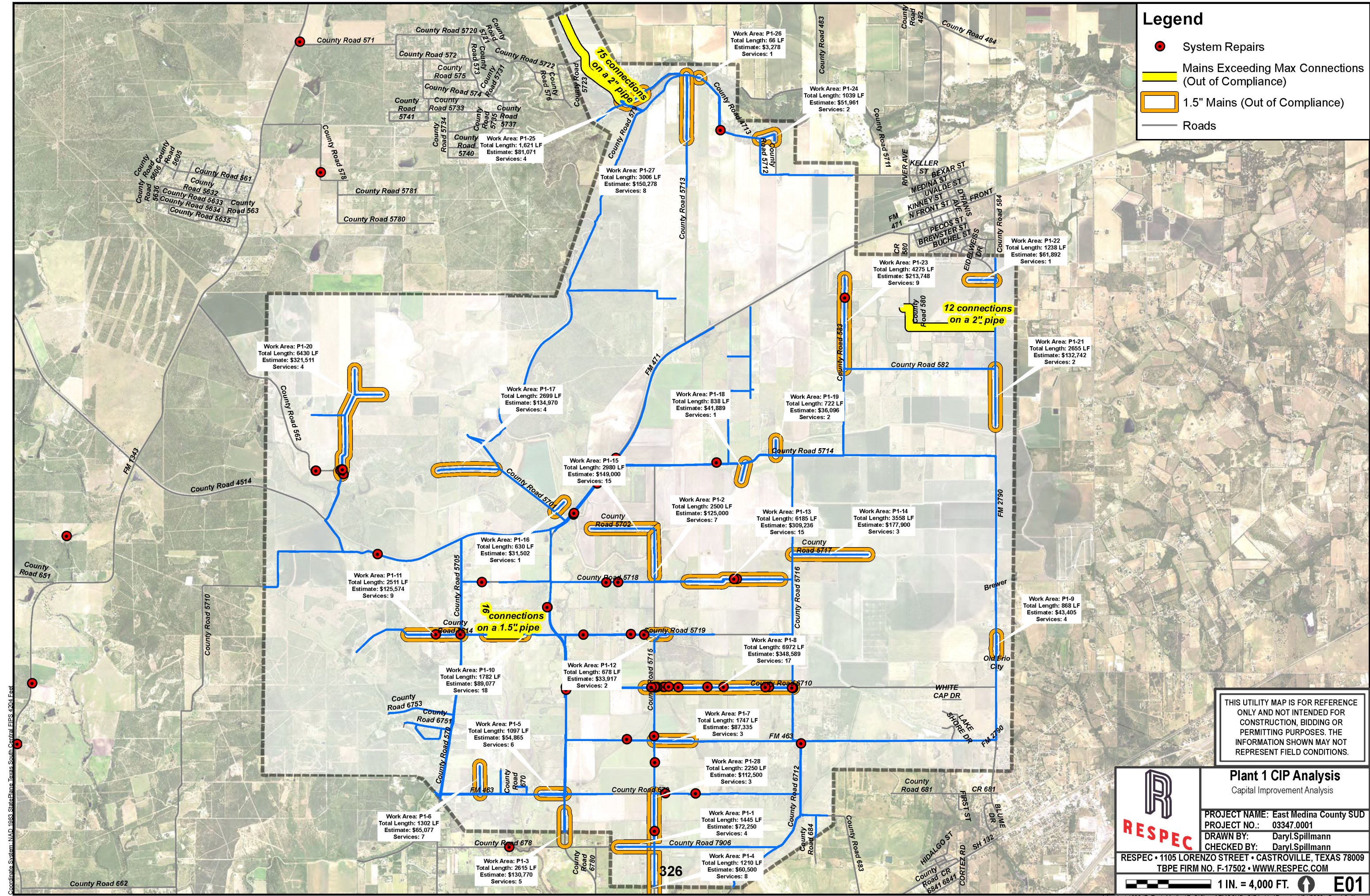
Work Area	Location	Issues	Length	Cost per Foot	Total Cost	No. of Services	Proposed Solution
P2-24	FM 471: 1.5" main east, between CR 672 and CR 7904	1.5" main with two services	284	\$50.00	\$14,201.94	4	Upsize to 2"
P2-25	CR 672: CR 7904 to 2100' north	1.5" water main	2087	\$50.00	\$104,351.52	5	Upsize to 2"
P2-26	CR 672: FM 463 o 5700' west	1.5" water main	5600	\$50.00	\$280,000.00	11	Upsize to 4"
P2-27	CR 671 area	Various sizes	5881	\$50.00	\$294,036.00	12	Upsize to 2"
P2-28	CR 7906: FM 471 to 2,200' east	1.5" main	2156	\$50.00	\$107,796.58	6	Need additional review. Some of this has been upgraded to 2"
P2-29	CR 678: 1.5" water main to north, near FM 463	1.5" main	744	\$50.00	\$37,189.09	3	Upsize to 2"
P2-30	CR 5710 north of CR 667 and CR 662	Various sizes	5935	\$50.00	\$296,747.55	20	Upsize to 2" and 4". Consider interconnect for Plant 1
P2-31	CR 672: FM 463 to 5,200' east	1.5" and 2" water mains	4430	\$50.00	\$221,500.00	19	Upsize to 4"
P2-32	CR 5710 and SH 173	Complete Loop with Plant 4	7092	\$50.00	\$354,600.00	12	Upsize to 2" minimum. Interconnect for plant 4
P4-1	SH 173 and CR 5710 area	1.5" water main	5290	\$50.00	\$264,482.14	11	Upsize to minimum 2". This area requires more analysis due to issues north of here.
P4-2	FM 1343: 1900' East of SH 173 to CR 664	1.5" water main	4794	\$50.00	\$239,694.75	8	Upsize to minimum 4"
P4-3	FM 1343: 2500' north of CR 664	1.5" water main	695	\$50.00	\$34,763.85	4	Upsize to minimum 2". Consider completing loop
P4-4	CR 545: 1700' west of CR 653 to End	1.5" water main	3623	\$50.00	\$181,146.22	7	Upsize to 2". Should also consider upsizing existing 2" to 4"
P4-5	CR 652: SH 173 to 2800' east	1.5" water main	2793	\$50.00	\$139,658.14	6	Upsize to 2".
P4-6	SH 173 & CR 653	1.5" water main to service Matkin	4597	\$50.00	\$229,857.00	3	Upsize to 2"
P4-7	FM 1343 and CR 661 area	1.5" water main	16737	\$50.00	\$836,852.34	31	Reconnect all services on FM 1343 to existing 3". Upsize all 1.5" main off FM 1343 to 2". Consider upsizing 3" to 4"
P4-8	CR 651: 5400' east of CR 467	1.5" water main	2129	\$50.00	\$106,429.28	3	Upsize to 2"
P4-9	FM 1343: 1 mile north of CR 662	1.5" water main	4016	\$50.00	\$200,817.14	1	Upsize to 2"
P4-10	CR 651: 10,000 east of CR 467	1.5" water main	3320	\$50.00	\$165,986.76	2	Upsize to 2"
P4-11	CR 5710 near Biedeger tract	1.5" water main	7154	\$50.00	\$357,705.91	4	Upsize to 2" minimum
P4-12	FM 1343 near CR 651	1.5" for Bendele tract	1300	\$50.00	\$64,977.64	1	Consider deeding to owner
P4-13	CR 651 and 7842 area	1.5" water main on CR 651	2619	\$50.00	\$130,959.41	4	Upsize to 2"
P4-14	Archer tract between PR 7842 and CR 467	1.5" water main	3478	\$50.00	\$173,905.38	1	Consider deeding to owner
P4-15	FM 1343 and CR 4514	1.5" water main along 4514 to the north	18506	\$50.00	\$925,311.79	18	Upsize to 4" and 2"
P5-1	CR 4617	Dead end 1" line	1906	\$50.00	\$95,303.58	3	Upsize to minimum 2"
P5-2	CR 4514 and CR4621	1.5" line parallels larger 2.5" line	5278	\$50.00	\$263,876.17	5	Confirm all services have been reconnected to 2.5" main.

East Medina County Special Utility District
 2020 Capital Improvement Program
 Table A-1: Substandard Water Main Projects

Work Area	Location	Issues	Length	Cost per Foot	Total Cost	No. of Services	Proposed Solution
P5-3	CR4621 and CR4514	1.5" water main	724	\$50.00	\$36,205.62	3	Upsize to 2"
P5-4	Hwy 90	Dead end 1.5" line	1878	\$50.00	\$93,879.63	10	Upsize all mains to 2" minimum
P5-5	Hwy 90 and CR4614	Dead end 1.5" line	2282	\$50.00	\$114,115.91	5	Upsize all mains to 2" minimum
P5-6	Hwy 90 and Private Rd	Dead end 1.5" line to subdivision	2056	\$50.00	\$102,805.12	3	Upsize all mains to 2" minimum
P5-7	Hwy 90 and CR4631	Dead end 1.5" line	3928	\$50.00	\$196,385.71	13	Upsize to 2.5" minimum. Consider long term looping with main from CR 4516
P5-8	Hwy 90 and CR4545		18479	\$50.00	\$923,943.49	11	Upsize all substandard mains to 2" minimum
P5-9	CR 4516 and CR 4651	Dead end 1.5" line	1830	\$50.00	\$91,485.19	1	Upsize to 2" minimum and tie into mains on CR 464 to improve system in the area
P5-10	CR 4516	1.5" dead end	5035	\$50.00	\$251,750.97	2	Upsize to minimum 2"
P5-11	CR 4516 and CR 4643	Dead end 1.5" line	10715	\$50.00	\$535,762.66	9	Upsize to minimum 2". Consider long term looping with main from US 90

Legend

- System Repairs
- Mains Exceeding Max Connections (Out of Compliance)
- 1.5" Mains (Out of Compliance)
- Roads



THIS UTILITY MAP IS FOR REFERENCE ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMITTING PURPOSES. THE INFORMATION SHOWN MAY NOT REPRESENT FIELD CONDITIONS.

RESPEC

Plant 1 CIP Analysis
Capital Improvement Analysis

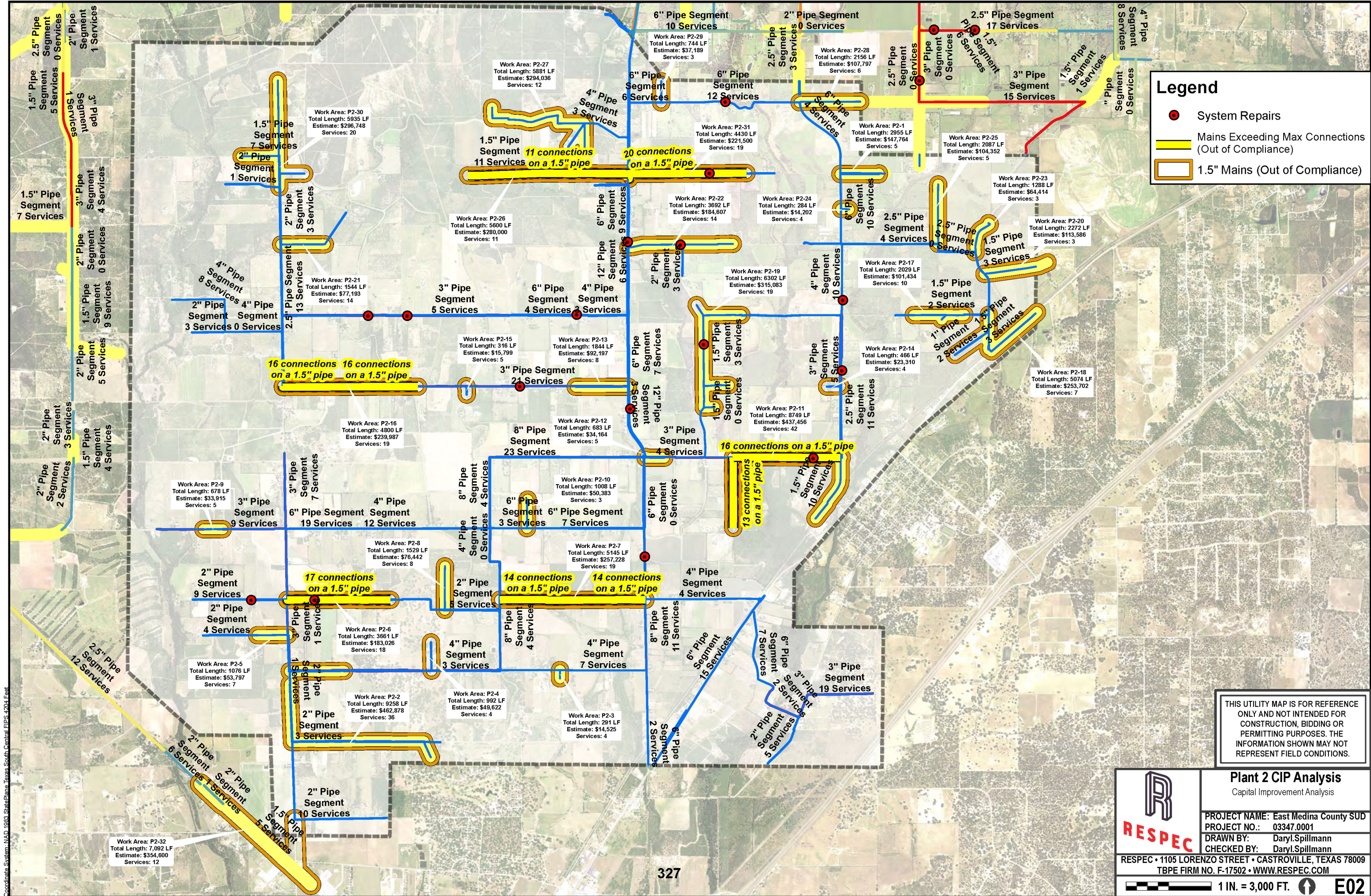
PROJECT NAME: East Medina County SUD
PROJECT NO.: 03347.0001
DRAWN BY: Daryl Spillmann
CHECKED BY: Daryl Spillmann

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TBPE FIRM NO. F-17502 • WWW.RESPEC.COM

1 IN. = 4,000 FT.

E01

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 East



Legend

- System Repairs
- Mains Exceeding Max Connections (Out of Compliance)
- 1.5" Mains (Out of Compliance)

THIS UTILITY MAP IS FOR REFERENCE ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMITTING PURPOSES. THE INFORMATION SHOWN MAY NOT REPRESENT FIELD CONDITIONS.

RESPEC

Plant 2 CIP Analysis
Capital Improvement Analysis

PROJECT NAME: East Medina County SUD
PROJECT NO.: 03347.0001
DRAWN BY: Daryl Spillmann
CHECKED BY: Daryl Spillmann

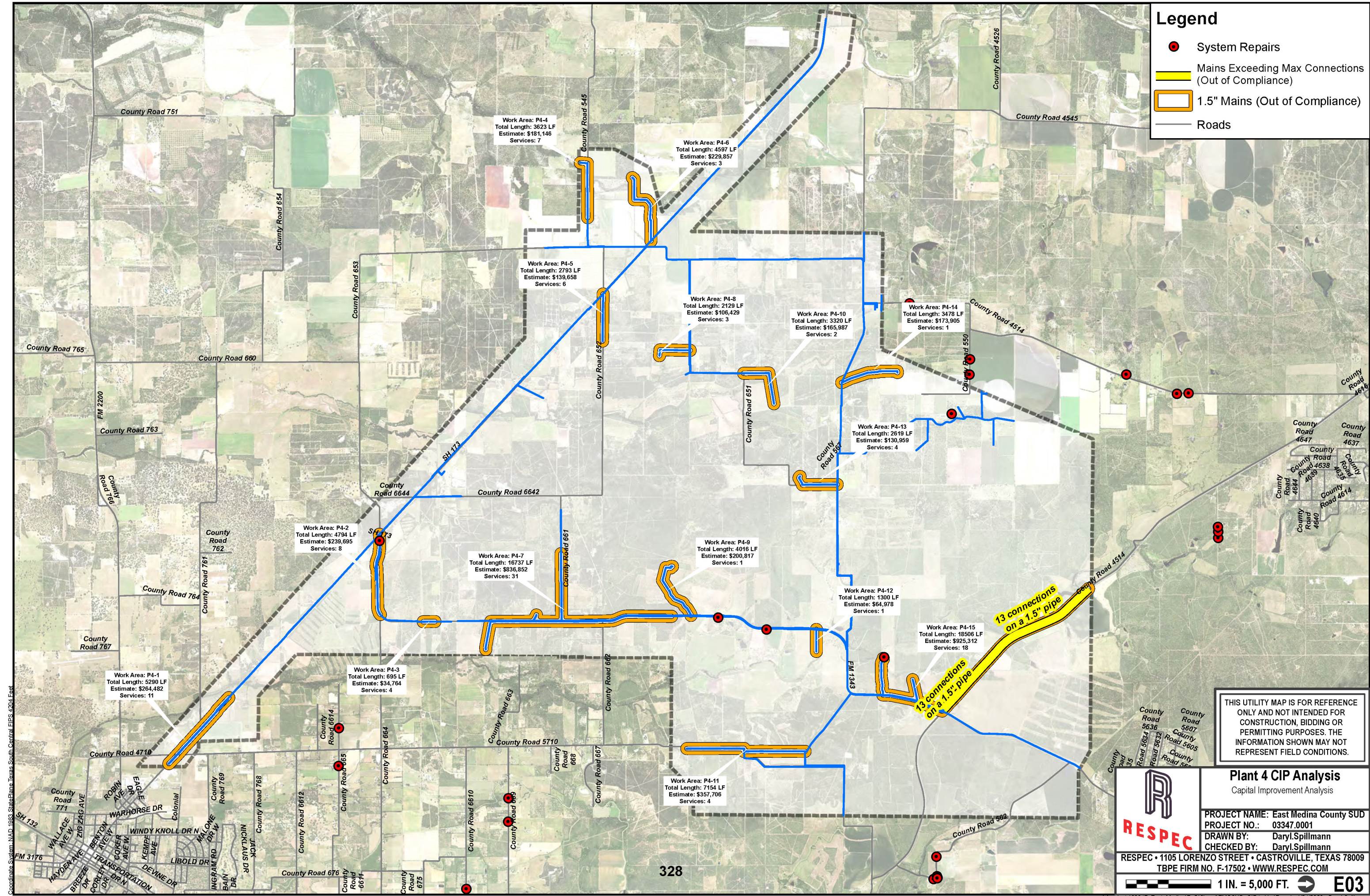
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1 IN. = 3,000 FT. **E02**

Coordinates System: NAD 1983 StatePlane Texas South Central FIPS 4204 East

Legend

- System Repairs
- Mains Exceeding Max Connections (Out of Compliance)
- 1.5" Mains (Out of Compliance)
- Roads



Work Area: P4-1
Total Length: 5290 LF
Estimate: \$264,482
Services: 11

Work Area: P4-2
Total Length: 4794 LF
Estimate: \$239,695
Services: 8

Work Area: P4-7
Total Length: 16737 LF
Estimate: \$836,852
Services: 31

Work Area: P4-3
Total Length: 695 LF
Estimate: \$34,764
Services: 4

Work Area: P4-4
Total Length: 3623 LF
Estimate: \$181,146
Services: 7

Work Area: P4-5
Total Length: 2793 LF
Estimate: \$139,658
Services: 6

Work Area: P4-8
Total Length: 2129 LF
Estimate: \$106,429
Services: 3

Work Area: P4-9
Total Length: 4016 LF
Estimate: \$200,817
Services: 1

Work Area: P4-11
Total Length: 7154 LF
Estimate: \$357,706
Services: 4

Work Area: P4-6
Total Length: 4597 LF
Estimate: \$229,857
Services: 3

Work Area: P4-10
Total Length: 3320 LF
Estimate: \$165,987
Services: 2

Work Area: P4-13
Total Length: 2619 LF
Estimate: \$130,959
Services: 4

Work Area: P4-12
Total Length: 1300 LF
Estimate: \$64,978
Services: 1

Work Area: P4-15
Total Length: 18506 LF
Estimate: \$925,312
Services: 18

Work Area: P4-14
Total Length: 3478 LF
Estimate: \$173,905
Services: 1

13 connections on a 1.5" pipe

13 connections on a 1.5" pipe

THIS UTILITY MAP IS FOR REFERENCE ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMITTING PURPOSES. THE INFORMATION SHOWN MAY NOT REPRESENT FIELD CONDITIONS.



Plant 4 CIP Analysis

Capital Improvement Analysis

PROJECT NAME: East Medina County SUD
PROJECT NO.: 03347.0001
DRAWN BY: Daryl Spillmann
CHECKED BY: Daryl Spillmann

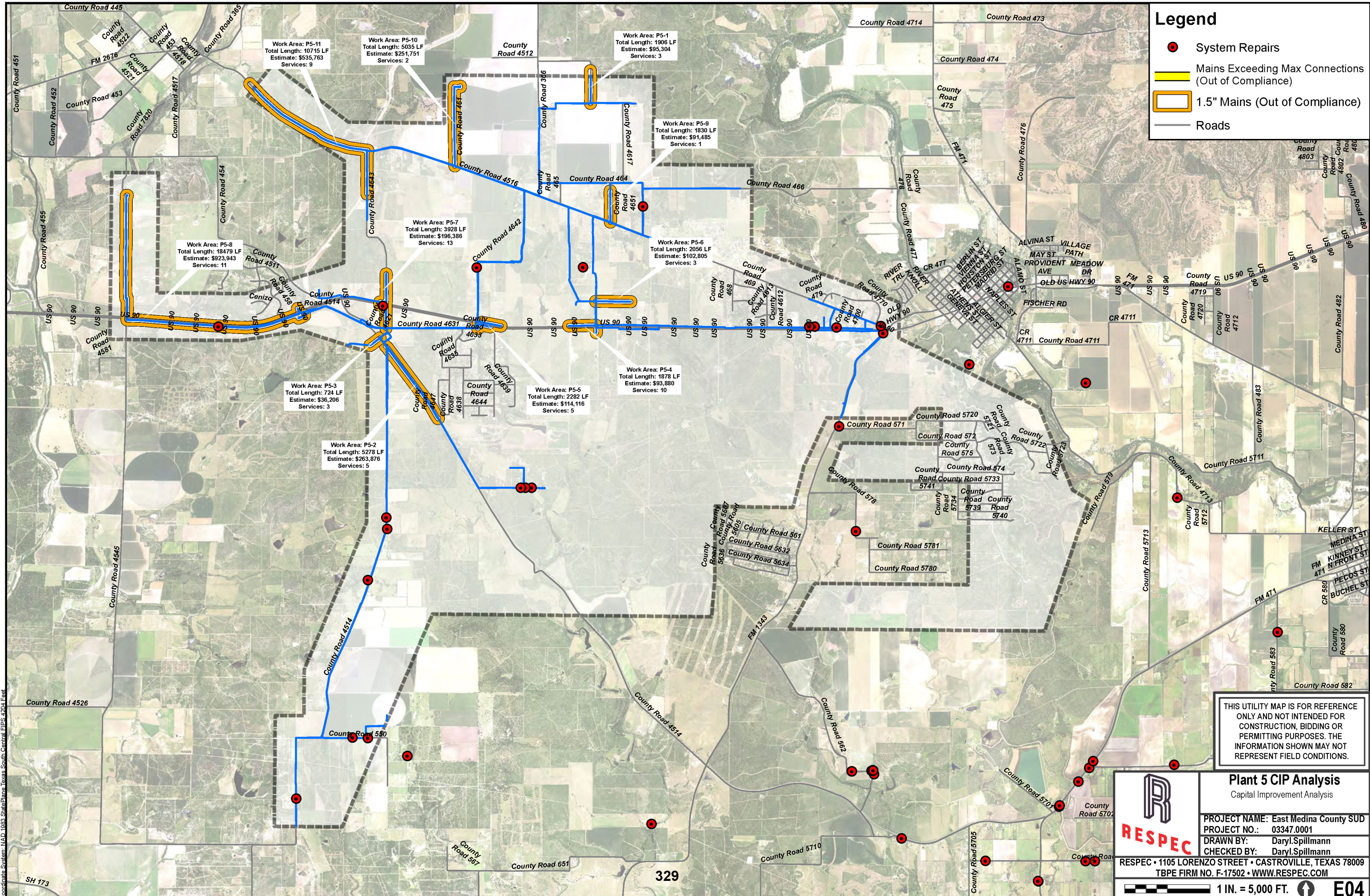
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1 IN. = 5,000 FT. **E03**

Coordinates System: NAD 1983 StatePlane Texas South Central FIPS 4204 East

Legend

- System Repairs
- ▬ Mains Exceeding Max Connections (Out of Compliance)
- ▭ 1.5" Mains (Out of Compliance)
- ▬ Roads



THIS UTILITY MAP IS FOR REFERENCE ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMITTING PURPOSES. THE INFORMATION SHOWN MAY NOT REPRESENT FIELD CONDITIONS.



Plant 5 CIP Analysis
Capital Improvement Analysis

PROJECT NAME: East Medina County SUD
PROJECT NO.: 03347.0001
DRAWN BY: Daryl.Spillmann
CHECKED BY: Daryl.Spillmann

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1 IN. = 5,000 FT. E04

Coordinates: System: NAD 1983, StatePlane: Texas South Central FIPS 4201 East

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Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 27, 2020

Mrs. Diana Wright
President
Creekwood Ranches Water Supply Corporation
471 CR 4510
Hondo, Texas 78861-6270

Re: Compliance Evaluation Investigation at:
Creekwood Ranches WSC, 471 CR 4510, City of Hondo, Medina County, Texas
Regulated Entity No.: RN102675253, TCEQ ID No.: 1630029, Investigation No.: 1640553

Dear Mrs. Wright:

On June 1 and July 7, 2020, Mr. Aaron Rodriguez of the Texas Commission on Environmental Quality (TCEQ) San Antonio Region Office conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for public water supply. No violations are being alleged as a result of the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mr. Rodriguez in the San Antonio Region Office at (210) 403-4065.

Sincerely,

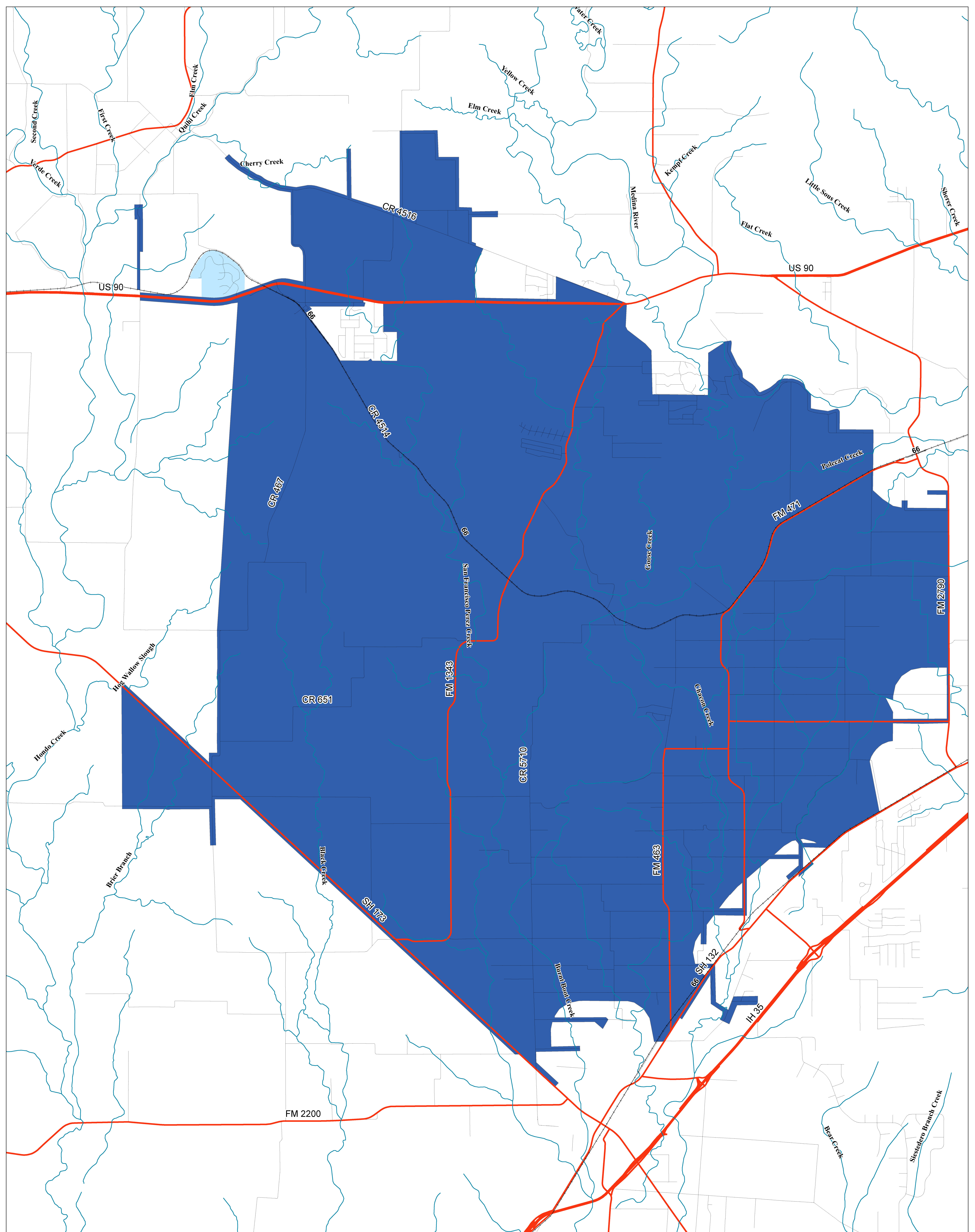
A handwritten signature in cursive script, appearing to read "Joy Thurston-Cook".

Joy Thurston-Cook
Water Section Team Leader
San Antonio Region Office

JTC/AR/sg

Certified Operator List

Name	License	License #	Water or Sewer
Alexander, Bruce Allen	Ground Water "B"	WG0003257	Water
Ronald Lemmons	Ground Water "C"	WG0018221	Water
Christopher Fowler	Ground Water "C"	WG0003346	Water
Fidencio Ruiz	Ground Water "C"	WG0016514	Water
David Strauss	Ground Water "C"	WG0018222	Water
Thomas Pacheco	Water Operator "D"	W00045550	Water




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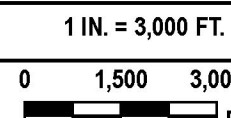
PROJECT NAME:	East Medina
PROJECT NO.:	03347
DRAWN BY:	maria.aguilar
CHECKED BY:	Daryl Spillmann
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Special Utility District**
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Safe Water for All Our Residents*



1 IN. = 3,000 FT.



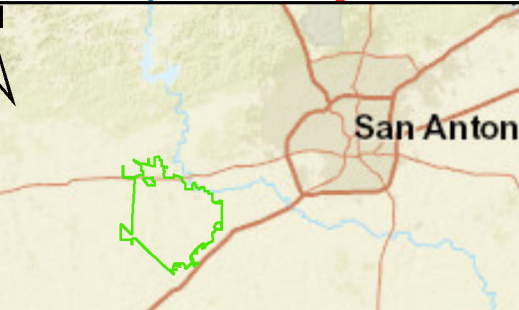
0 1,500 3,000
Feet

EAST MEDINA COUNTY SUD

CCN AMENDMENT 332

DETAILED MAP

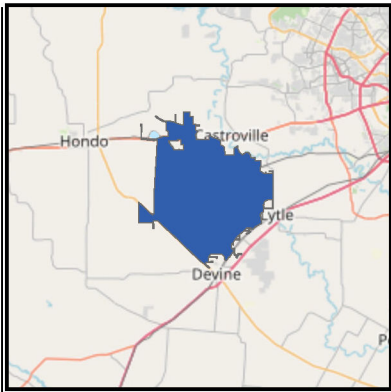
LOCATION MAP






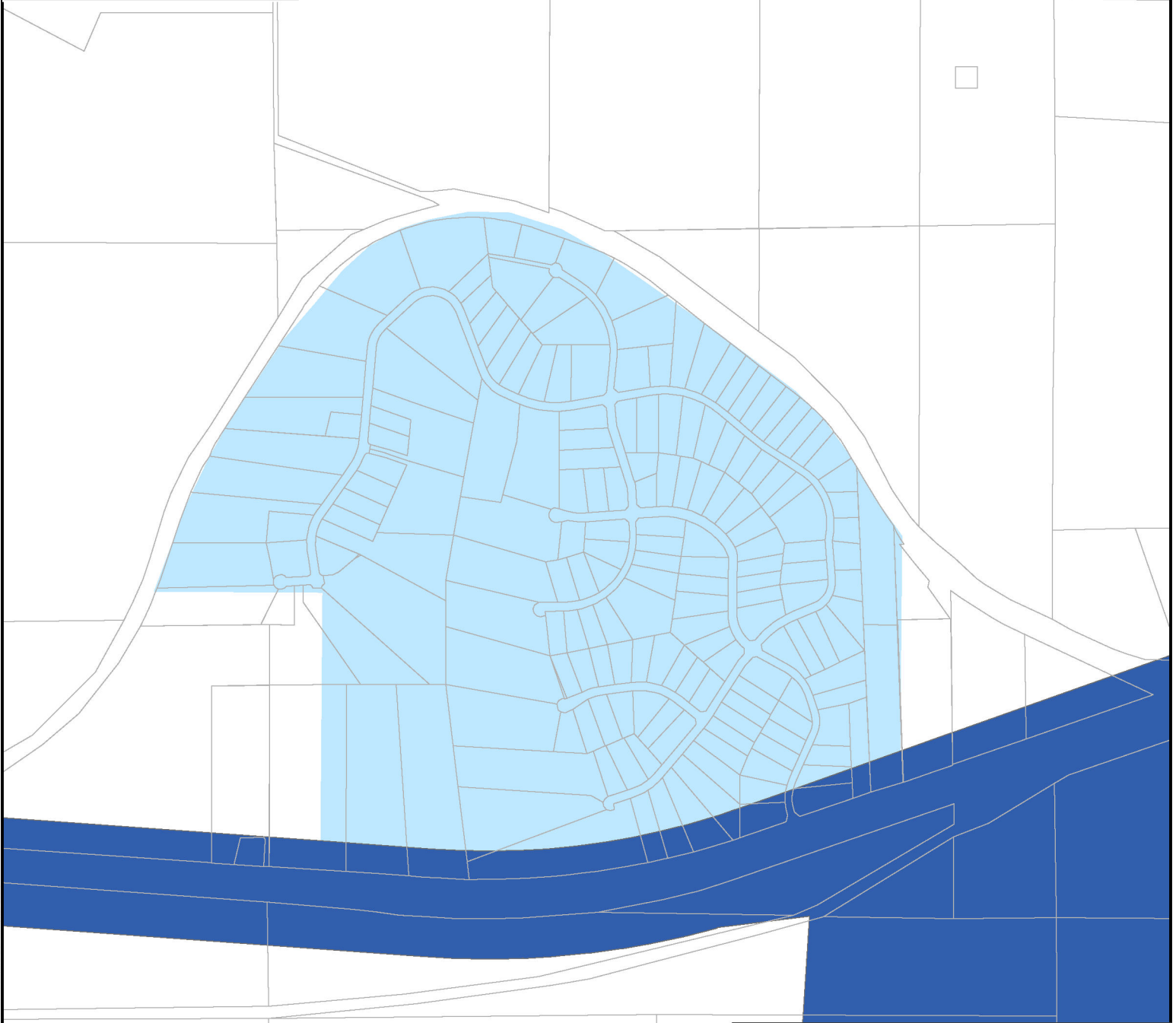
San Antonio

— Texas Railroads	PUC_CCN_WATER_TSMS
— Streams & Rivers	UTILITY
— County Roads	■ CREEKWOOD RANCHES WSC
— On System Highways	■ EAST MEDINA COUNTY SUD

E03



 PARCELS
UTILITY
 CREEKWOOD RANCHES WSC
 EAST MEDINA COUNTY SUD






Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet



**East Medina County
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334

	GENERAL LOCATION MAP	
	PROJECT NAME: EMCSUD	
	PROJECT NO.: 03347	
	DRAWN BY: maria.aguilar	
		CHECKED BY: Daryl.Spillmann
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		 E02

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Contact centralrecords@puc.texas.gov if you have any questions.

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