LORETTA MASON

Deputy Election Administrator

Deputy Election Registrar



PANOLA COUNTY COURTHOUSE 522 W. COLLEGE CARTHAGE, TX 75633 TELEPHONE (903) 693-0370 FAN (903) 693-7283

CHEYENNE LAMPLEY

Election Administrator
Voter Registrar

October 5, 2018

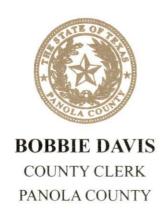
RE: New Hire (Temporary position)

To Whom it May Concern:

Please accept this notification that I have hired Kelsey Lake as our temporary employee in the Elections office. She will begin work on October 22, 2018 and her last day will be November 2, 2018. She will work 40 hours per week with no over time, at the rate of \$8.50 per hour.

Thank You,

Cheyenne Lampley Elections Administrator



October 5, 2018

Honorable Judge LeeAnn Jones Commissioners Court of Panola County 110 South Sycamore Carthage, TX 75633

Dear Judge and Commissioners,

Please record the termination of Teresa Endsley as a Deputy Clerk in the County Clerk's office effective October 5, 2018 at 10:00 AM.

Sincerely,

Bobbie Davis

Panola County Clerk

cc:

Joni Reed, County Treasurer Jennifer Stacy, County Auditor

Dulle Xlaws

PANOLA COUNTY SHERIFF'S OFFICE

Office: 903.693.0333 Fax: 903.693.9366



314 W. Wellington Carthage, Texas 75633

Sheriff Kevin Lake

October 5, 2018

The Honorable LeeAnn Jones Panola County Judge 110 S. Sycamore Carthage, Texas 75633

Dear Judge Jones,

Please add the following items to the next scheduled meeting of the Panola County Commissioner's Court:

Please record a change in assignment for Jacob Samford to a Patrol Deputy for the Panola County Sheriff's Office at a pay rate of \$20.86 per hour effective October 4, 2018. (Was a Detention Corporal)

Sincerely,

Kevin Lake Sheriff

KL/lw

CC:

Jennifer Stacy Joni Reed

PANOLA COUNTY SHERIFF'S OFFICE

Office: 903.693.0333 Fax: 903.693.9366



314 W. Wellington Carthage, Texas 75633

Sheriff Kevin Lake

October 8, 2018

The Honorable LeeAnn Jones Panola County Judge 110 S. Sycamore Carthage, Texas 75633

Dear Judge Jones,

Please add the following items to the next scheduled meeting of the Panola County Commissioner's Court:

Please record a change in assignment for Nikki Moore to Detention Corporal for the Panola County Sheriff's Office at a pay rate of \$16.59 per hour effective October 13, 2018. (Was a Detention Officer)

Please record a change in assignment for Jared Bailey to Senior Detention Officer for the Panola County Sheriff's Office at a pay rate of \$15.99 per hour effective October 13, 2018. (Was a Detention Officer)

Please record the employment of David Jones as a Detention Officer for the Panola County Sheriff's Office at a pay rate of \$15.08 per hour effective October 13, 2018.

Sincerely,

Kevin Lake

Sheriff

KL/lw

CC: Jennifer Stacy

Joni Reed

Vickie J. Lacy, PhD 1301 Cottage Road Carthage, Texas 75633

October 7, 2018

The Honorable LeeAnn Jones Panola County Commissioners Court 110 Sycamore St #216A Carthage, Texas 75633

Dear Judge Jones,

After much prayer and reflection, I have made the decision to retire, effective December 31, 2018. Life has changed with the passing of both our parents. I now serve as the matriarch of the family. My brothers and I now also manage my father's local business interests. The focus must shift from County Extension work to more family matters.

Coming to Carthage to take the position of Panola County Extension Agent (Family Consumer Health) with Texas A&M AgriLife Extension (TAEX) was a dream job for me. My parents were so proud of my work as a Panola County Agent.

Offering programs developed by TAEX to my home community has been delightful. I shall continue to support the TAEX program as a community member and volunteer as well as a Life Member of the National Education Association, Family Consumer Science (NEAFCS).

The Human Resources Department at Texas A&M AgriLife Extension Service in College Station has directed me in the completion of the Teacher Retirement System paperwork.

It is with a mixture of joy and sadness that I consider this next stage of life. Thank you for the opportunity to serve Panola County as a County Extension Agent (Family Consumer Health), an employee of the Texas A&M AgriLife Extension Service in collaboration with the Panola County Commissioners Court.

Respectfully yours

Vickie J. Lacy, PhD

CC: Ms. Shelia Harris Lee Dudley Belinda Curry Cheyenne Lampley Loretta Mason

NOTICE OF PROPOSED INSTALLATION PIPELINE AND/OR UTILITY LINES

TO: THE PANOLA COUNTY COMMISSIONER'S COURT

c/o

PANOLA COUNTY ROAD & BRIDGE DEPARTMENT, CARTHAGE, TEXAS
Formal notice is hereby given that:

BTA ETA Lathuring LL (Entury 1) proposes to place a

(COMPANY NAME)

| Ine within the Right-of-Way

(PIPE SIZE)

of County Road: CR 401, CR 301 as follows:

(NUMBER OF ROAD)

The proposed pipeline will cross under the indicated roads on the attached sheet.

Installation shall be made by boring a total length of line in Panola County.

The location and description of the proposed line and appurtenances is more fully shown by the copies of the drawings attached to this notice. The line will be constructed and maintained on the County Right-of-Way as directed by the County Commissioners in accordance with current Panola County Specifications.

Construction of this line will begin on or after the day of

FIRM: Percurrent Field Services

BY: Let Harms Lathuring LL (Entury Proposed to that:

| Construction of this line will begin on or after the day of the county Commissioners in th

BY: Lee Harnghty
TITLE: Right of War Manger
ADDRESS: 419 W. Sabine St. S

Carthage, Tr 7233
PHONE: (832 643 - 5930

APPROVAL

October 16, 2018

TO: BTA ETG Gathering LLC (Enterprise)
Attn: Lee Harughty (Percheron)
419 W. Sabine St., Suite 2
Carthage, Texas 75633

RE: CR #401 & CR #301

The Panola County Commissioners' Court offers no objection to the location on the right-of-way of your proposed (2) - 16" lines within the right-of-way of County Road #401 & CR #301 as shown by accompanying drawings and notice except as noted below.

It is expressly understood that the County Commissioners' Court does not purpose hereby, to grant any right, claim, title or easement in or upon this county road. It is further understood that in the future should for any reason the county need to work, improve, relocate, widen, increase, add to, or in any manner change the structure of this right-of-way, any required relocation of said lines shall be at the sole expense of owner.

All work on the county right-of-way shall be performed in accordance with the county instructions. The installations shall not damage any part of the road and adequate provisions must be made to cause minimum inconvenience to traffic and adjacent owners. Special specifications for placing this line are as follows:

- 1. All lines are to be installed a minimum of 36 inches below the flow line of the adjacent drainage or barrow ditch.
- 2. All excavation within the right-of-way and not under surfacing shall be backfilled by tamping in 6 inch horizontal layers. All surplus material shall be removed from the right-of-way and the excavation finished flush with surrounding natural ground.
- 3. Lines crossing under surfaced roads and under surfacing cross roads within the right-of-way shall be placed by boring. Boring shall extend from crown line to crown line. Gravity from sewer lines under roadways shall be cast iron pipe.
- 4. All lines, where practicable, shall be located to cross roadbed at approximately right angles thereto. No lines are to be installed under or within 50 feet of either end of any bridge. No lines shall be placed in any culvert or within 10 feet of the closest point of same.
- 5. Parallel line will be installed as near the right-of-way lines as is possible and

no parallel line will be installed in the roadbed or between the drainage ditch and the roadbed without special permission of the Panola County Commissioners' Court.

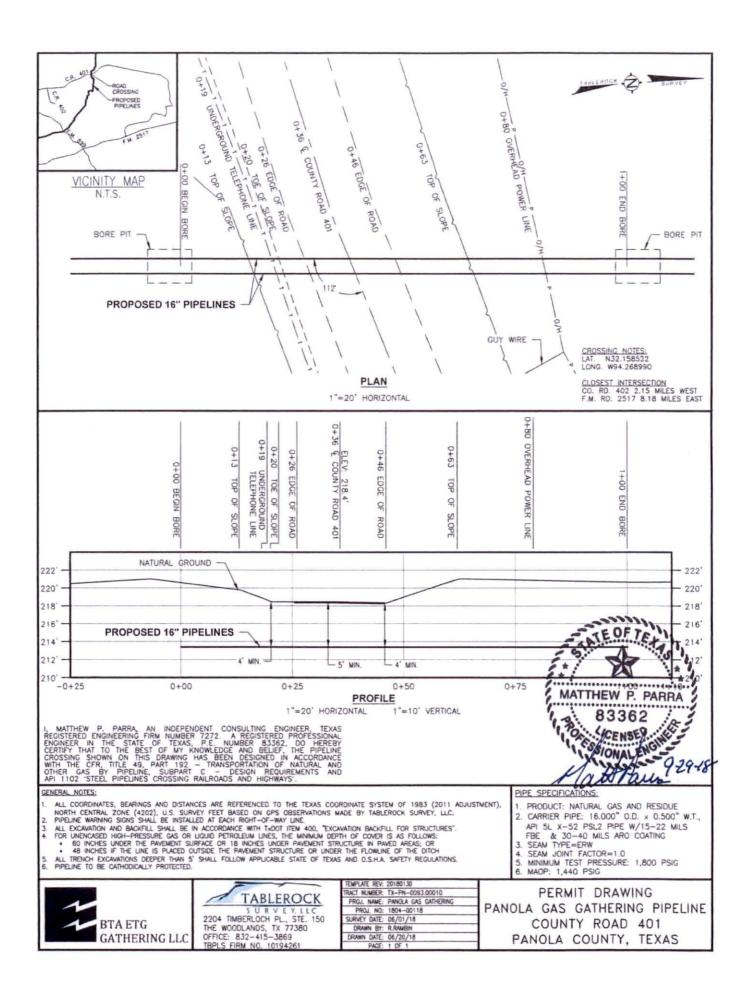
- Operations along roadbeds shall be performed in such manner that all 6. excavated material be kept off the pavement at all times, as well as all operating equipment and materials. No equipment or installation procedures will be used which will damage any road surface or structures. The cost of any repairs to road surface, roadbed, structures or other right-of-way features as a direct result of this installation will be borne by the owner of this line
- Barricades, warning signs, lights, and flag man(men) when necessary shall 7. be provided by the contractor or owner. One-half (1/2) of the traveled portion of the road must be open at all times.

Approved:

Precinct #4

COMMISSIONERS:

Ronnie LaGrone Precinct #1 John Gradberg Precinct #2 Precinct #3 Craig M. Lawless Dale LaGrone



Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 401, Panola County, Texas Permit Drawing TX-PN-0093.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JAL	MPP

*Color Legend Inputs Outputs Design Info. PASS Results

MATTHEW P. PARRA 83362

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	16.000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X52	Specified Minimum Yield Strength (psi)
SMYS =	52,000	Specified Minimum Yield Strength (psi)
F=	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_1 =$	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t w =	0.5	Pipe Wall Thickness (in.)

Installation & Site Data:

H =	5	Cover depth (ft.)
$B_d =$	20.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R =	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E,=	5	Resilient Modulus (ksi)
y =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_{w} \leq F * E * T * SYMS$$

$$S_{Hi} = 23,040 \leq 31,200 \text{ psi} \qquad OK (y/n) \qquad PASS$$

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.031$$
 $K_{He} = 1,100$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.86$ Soil Type = A $E_e = 0.86$ Soil Type = A $E_e = 0.86$ $E_e = 0.$

3. Impact Factor, F; and Applied Design Surface Pressure, w

3.1 - Figure 7 for Highways	$H = _{_{_{_{_{_{_{_{_{_{_{_{_{_{_{1}}}}}}}}}$	$F_i = $	1.50	
3.2 - Applied design surface	Flexible Pavement	P =	10.00	kips
pressure, w Section 4.7.2.2.1		w =	69.44	psi
Critical Case: tandem axles				

Crossings of Railroads Highways

API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

$$D = 16.000$$
 in $H = 5.000$ ft

$$G_{Hh} = 1.08$$

12.4

 $K_{Hh} =$

Flexible Pavement
Tandem axles

$$H = 5.000$$
 $D = 16.000$

$$R = 1.10$$
 $L = 1.00$

$$\Delta S_{Hh} = \underline{K_{Hh} * G_{Hh} * R} * L * F_i * w$$

$$\Delta S_{Hh} = 1,535$$
 p

4.2 Cyclic Longitudinal Stresses, ΔSLh

$$t_w/D = 0.031$$

$$E_r = 5$$

$$_{Lh} = 11.7$$

$$D = 16.000$$
 $H = 5.000$

$$G_{Lh} = 1.05$$

4.2.3 - Table 2 with:

$$H = 5.000$$

 $D = 16.000$

$$R = 1.10$$
 $L = 1.00$

$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$

$$\Delta S_{Lh} = 1,408$$
 psi

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress
$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:
$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 25,210$$
 psi

6.2 Eq. 10 (+ HDD Bend):
$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$
 +S_b

$$S_2 = 6,593$$
 psi Bending Side
6,593 psi Compression Side

6.3 Equation 11:
$$S_3 = -MAOP$$

or

$$S_3 = -1,440$$
 ps

6.4 Effective Stress, Seff

Equation 12:
$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} =$$
 23,679 psi Bending Side 23,679 psi Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} =$$
 23,679 psi OK (y/n) PASS
 $S_{eff} \le$ 37,440 psi

7. Check Fatigue

7.1 Girth Welds

Table 3
$$S_{FG} = 12,000$$
 psi ation 17: $\Delta S_{Lh} \leq S_{FG} *F$

Equation 17:
$$\Delta S_{Lh} \leq S_{FG} * F$$

$$\Delta S_{Lh} = 1,408 \text{ psi}$$

$$\Delta S_{Lh} \leq S_{FG} * F$$
 OK (y/n)
 $\Delta S_{Lh} = 1,408$ psi
 $S_{FG} * F = 7,200$ psi

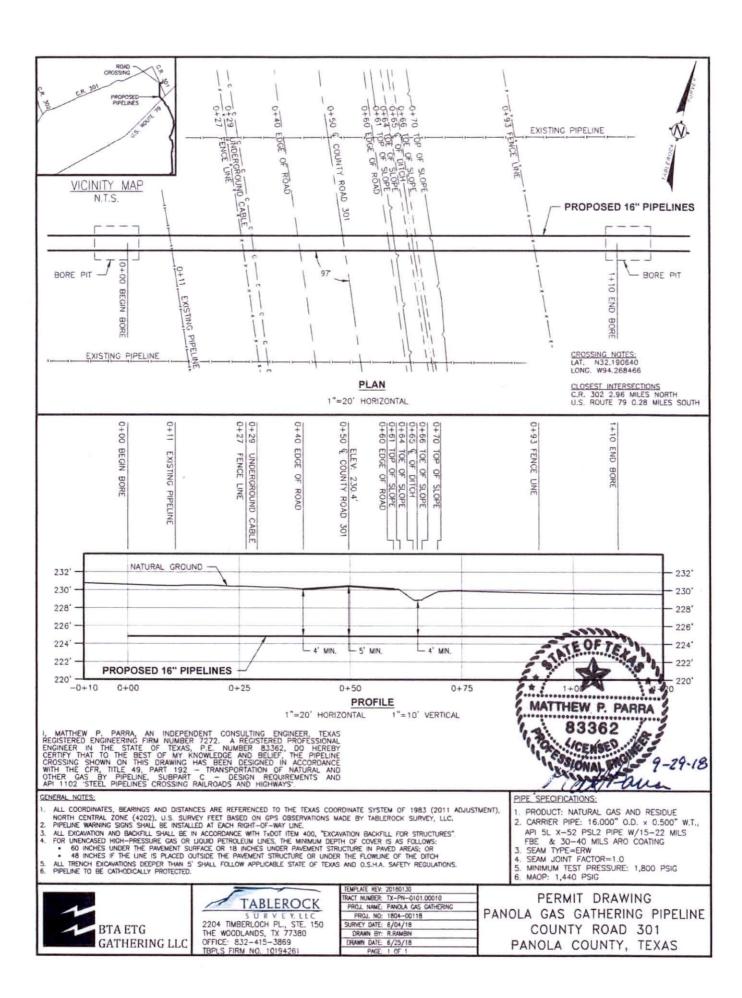
7.2 Longitudinal Welds

Table 3
$$S_{FL} = 21,000$$
 ps
Equation 17: $\Delta S_{Hh} \leq S_{FL} * F$

$$\Delta S_{Hh} = 1,535 \text{ psi}$$

$$S_{FL} * F = 12,600 \text{ psi}$$

PASS



Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 301, Panola County, Texas Permit Drawing TX-PN-0101.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color Legend Inputs Outputs Design Info. Results

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	16.000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X52	Specified Minimum Yield Strength (psi)
SMYS =	52,000	Specified Minimum Yield Strength (psi)
F =	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
T, =	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t w =	0.5	Pipe Wall Thickness (in.)



Installation & Site Data:

H =	5	Cover depth (ft.)
$B_d =$	20.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R=	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
$E_r =$	5	Resilient Modulus (ksi)
γ =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Steel Pipelines Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_w \le F * E * T * SYMS$$
 $S_{Hi} = 23,040 \le 31,200$ psi

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.031$$
 $K_{He} = 1,100$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.86$ Soil Type = A $E_e = 0.86$ $E_e = 0.8$

3. Impact Factor, Fi and Applied Design Surface Pressure, w

$$3.1$$
 - Figure 7 for Highways $H = 5.000$ ft $F_i = 1.50$
 3.2 - Applied design surface Flexible Pavement $P = 10.00$ kips pressure, w Section 4.7.2.2.1 $w = 69.44$ psi Critical Case: tandem axles

PASS

OK (y/n)

Crossings of Railroads Highways

API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

4.1.2 - From Figure 15 with:

$$t_w/D = 0.031$$

$$E_r = 5$$

$$D = 16.000$$
 in $H = 5.000$ fi

Flexible Pavement

$$H = 5.000$$

 $D = 16.000$

$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * w$$

$$\Delta S_{Hh} = 1,535$$
 psi

4.2 Cyclic Longitudinal Stresses, ΔSLh

$$t_w / D = 0.031$$

$$D = 16.000$$

 $H = 5.000$

 $K_{Hh} =$

 $G_{Hh} =$

12.4

1.08

1.10

1.00

11.7

1.05

1.10

1.00

R=

L =

4.2.3 - Table 2 with:

Tandem axles
$$H = 5.000$$
 $D = 16.000$

$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$

$$\Delta S_{Lh} = 1,408$$
 psi

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

$$S_{Hi}$$

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress

$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:

$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 25,210$$
 psi

6.2 Eq. 10 (+ HDD Bend):

$$S_2 = \Delta S_L - E_s * 1000 \ \alpha_T (T_2 - T_1) + V_s (S_{He} + S_{Hi})$$

 $S_2 = 6,593$ psi Bending Side

+Sb

Bending Side

6,593

Compression Side

6.3 Equation 11:

or

$$S_3 = -MAOP$$

$$S_3 = -1,440$$
 psi

6.4 Effective Stress, Seff

Equation 12:

$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

S_{eff} =

Bending Side

Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} =$$
 23,679 psi $S_{eff} \le$ 37,440 psi

OK (y/n)

PASS

7. Check Fatigue

7.1 Girth Welds

$$S_{FG} =$$
 12,000 ps
 $\Delta S_{Lh} \le S_{FG} * F$

$$\Delta S_{Lh} = 1,408$$
 psi
 $S_{FG} * F = 7,200$ psi

OK (y/n)

PASS

7.2 Longitudinal Welds

$$S_{FL} = 21,000$$
 ps
 $\Delta S_{Hh} \leq S_{FL} * F$

PASS

Equation 17:

$$\Delta S_{Hh} = 1,535$$

 $S_{FL} * F = 12,600$

psi

NOTICE OF PROPOSED INSTALLATION PIPELINE AND/OR UTILITY LINES

TO: THE PANOLA COUNTY COMMISSIONER'S COURT c/o PANOLA COUNTY ROAD & BRIDGE DEPARTMENT, CARTHAGE, TEXAS Formal notice is hereby given that: __ line within the Right-of-Way of County Road: CR 163, CR 1631, CR 164 as follows: CR 160, CR 158, CR 156
(NUMBER OF ROAD) CVR 403, CVR 4211, C The proposed pipeline will cross under the indicated roads on the attached sheet. Installation shall be made by boring a total length of line in Panola County. The location and description of the proposed line and appurtenances is more fully shown by the copies of the drawings attached to this notice. The line will be constructed and maintained on the County Right-of-Way as directed by the County Commissioners in accordance with current Panola County Specifications. Construction of this line will begin on or after the _____3 2018. 2019

SPECIAL SPECIFICATIONS FOR PIPELINES CROSSING IN BORED HOLES AND PLACED PARALLEL TO COUNTY ROADS

GENERAL NOTE: The construction of this project shall follow "The Panola County Road and Bridge Department Standard Specifications" with respect to barricades, flagmen, flares, warning signs, and all responsibility for complaints or damage suits by traveling public and adjacent property owners.

- 1. Exaction material shall not be placed on road shoulders or traffic lanes or in ditches where drainage would be impaired. When excavation is permitted near the roadway, where, in the opinion of the County, the support of the oil road structure is endangered, sheeting, cribbing, other measures shall be taken to prevent damage to the roadway or the creation of traffic hazard.
- 2. All excavations shall be backfilled in a neat and workmanlike manner and all disturbed areas shall be restored to a condition comparable to the original condition. Backfill material shall be consolidated to a density comparable to that of the adjacent undisturbed material, replacing all of the excavated material except that displaced by pipe. The degree of compaction shall be such as to prevent future settlement. Excess material displaced by the pipe shall be removed from the right-of-way or otherwise disposed of to the satisfaction of the county's representative. Pipe laying operation shall not be carried on when soil conditions are such that construction equipment will cause rutting. Backfill operations shall be kept within one mile of trenching and/or pipe laying operations.
- 3. Sod and/or other erosion control measures removed or disturbed by the installation shall be replaced. This shall include keeping separate and replacing existing topsoil, importing sod or seeding or a combination of these methods together with fertilizer and water as necessary to reestablish vegetative cover in a healthy and growing condition.
- 4. The pipe or, if encased, the encasement pipe shall completely fit the bored hole and if not encased, the pipe should be a thicker wall within the bore; and shall be a minimum depth of 2 to 3 feet from the bottom of the ditch; and 3 to 4 feet underneath the roadway.
- 5. All private and commercial access driveways disturbed by pipe laying shall be restored to a condition comparable to that which existed prior to these operations. Special care shall be taken to compact backfill and base material to prevent future settlement. All work shall be complete to the owner's satisfaction. All public access driveways with paved surfaces shall be crossed by the bored hole method. Crossings of dirt or gravel public access driveways may be made as specified for private and commercial access driveways except that provisions shall be made for uninterrupted flow of traffic.
- 6. No trees or shrubbery shall be cut or trimmed without the approval of the Panola County Road and Bridge Department.

7. Regulations and ordinances of incorporated cities shall be compiled with, if within the City limits.

Commissioners:

Precinct #1 – Ronnie LaGrone Precinct #2 –John W. Gradberg Precinct #3 –Craig M. Lawless Precinct #4 –Dale LaGrone

APPROVAL

October 16, 2018

TO: BTA ETG Gathering LLC (Enterprise)
Attn: Lee Harughty (Percheron)
419 W. Sabine St., Suite 2
Carthage, Texas 75633

RE: CR #163, #1631, #162, #160, #158, #156, #114, #117, #116, #403, #4211

The Panola County Commissioners' Court offers no objection to the location on the right-of-way of your proposed 20" lines within the right-of-way of County Road #163, #1631, #162, #160, #158, #156, #114, #117, #116, #403, and #4211 as shown by accompanying drawings and notice except as noted below.

It is expressly understood that the County Commissioners' Court does not purpose hereby, to grant any right, claim, title or easement in or upon this county road. It is further understood that in the future should for any reason the county need to work, improve, relocate, widen, increase, add to, or in any manner change the structure of this right-of-way, any required relocation of said lines shall be at the sole expense of owner.

All work on the county right-of-way shall be performed in accordance with the county instructions. The installations shall not damage any part of the road and adequate provisions must be made to cause minimum inconvenience to traffic and adjacent owners. Special specifications for placing this line are as follows:

- 1. All lines are to be installed a minimum of 36 inches below the flow line of the adjacent drainage or barrow ditch.
- All excavation within the right-of-way and not under surfacing shall be backfilled by tamping in 6 inch horizontal layers. All surplus material shall be removed from the right-of-way and the excavation finished flush with surrounding natural ground.
- 3. Lines crossing under surfaced roads and under surfacing cross roads within the right-of-way shall be placed by boring. Boring shall extend from crown line to crown line. Gravity from sewer lines under roadways shall be cast iron pipe.
- 4. All lines, where practicable, shall be located to cross roadbed at approximately right angles thereto. No lines are to be installed under or within 50 feet of either end of any bridge. No lines shall be placed in any culvert or within 10 feet of the closest point of same.

- 5. Parallel line will be installed as near the right-of-way lines as is possible and no parallel line will be installed in the roadbed or between the drainage ditch and the roadbed without special permission of the Panola County Commissioners' Court.
- 6. Operations along roadbeds shall be performed in such manner that all excavated material be kept off the pavement at all times, as well as all operating equipment and materials. No equipment or installation procedures will be used which will damage any road surface or structures. The cost of any repairs to road surface, roadbed, structures or other right-of-way features as a direct result of this installation will be borne by the owner of this line.
- 7. Barricades, warning signs, lights, and flag man(men) when necessary shall be provided by the contractor or owner. One-half (1/2) of the traveled portion of the road must be open at all times.

Approved:

COUNTY JUDGE

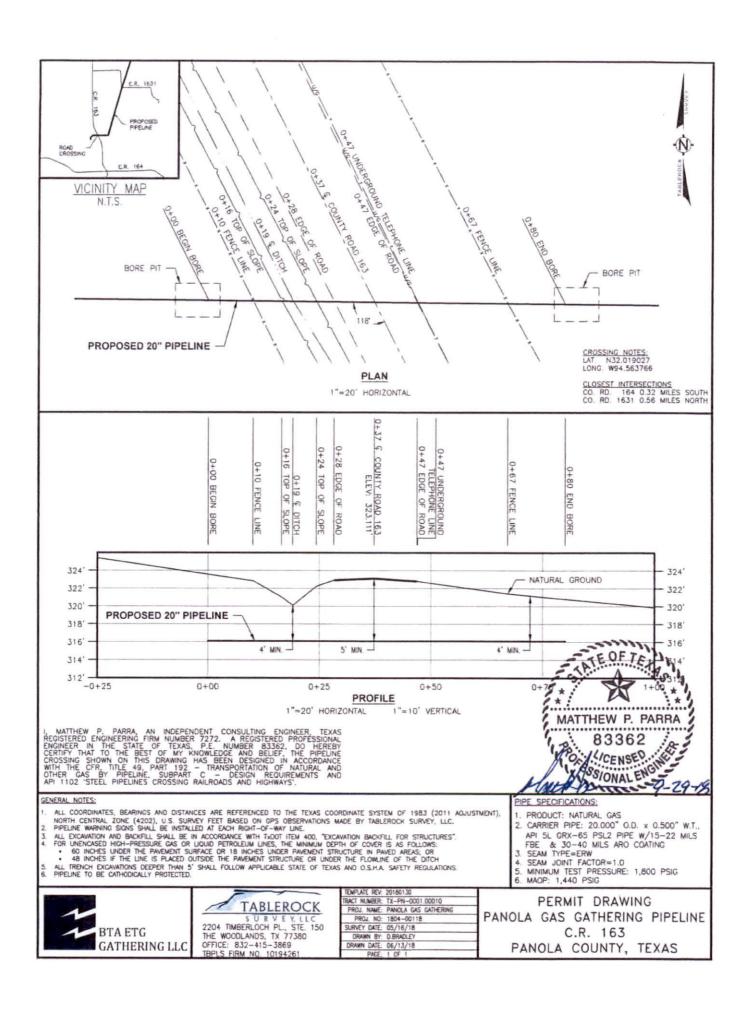
COMMISSIONERS:

Precinct #1 Ronnie LaGrone

Precinct #2 John Gradberg

Precinct #3 Craig M. Lawless

Precinct #4 Dale LaGrone



Crossings of Railroads Highways **API RP 1102**

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 163, Panola County, Texas Permit Drawing TX-PN-0001.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JÁL	MPP

*Color Legend			
Inputs			
Outputs	Design Info.		
Results	PASS		

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	20.000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F =	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_1 =$	90	Installation Temperature °F
T ₂ =	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t w =	0.5	Pipe Wall Thickness (in.)



Installation & Site Data:

H =	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R=	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E, =	5	Resilient Modulus (ksi)
γ =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
P _s =	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Steel Pipelines Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_{w} \leq F * E * T * SYMS$$

$$S_{Hi} = 28,800 \leq 39,000 \text{ psi} \qquad OK (y/n) \qquad PASS$$

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $K_{He} = 1,900$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E_e = 0.77$ Soil Type = A $E_e = 0.77$ E_e

3. Impact Factor, Fi and Applied Design Surface Pressure, w

$$3.1$$
 - Figure 7 for Highways $H = 5.000$ ft $F_i = 1.50$
 3.2 - Applied design surface Flexible Pavement $P = 10.00$ kips pressure, W Section 4.7.2.2.1 $W = 69.44$ psi Critical Case: tandem axles

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

4.1.1 - From Figure 14 with:
$$t_w / D = 0.025$$

$$E_r = 5$$

$$D = 20.000$$
 in $H = 5.000$ ft

$$G_{Hh} = 1.00$$

16.8

Flexible Pavement
$$H = 5.000$$

Tandem axles $D = 20.000$

$$R = 1.10$$
 $L = 1.00$

$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * W$$

 $\Delta S_{Hh} = 1,925$ psi

4.2 Cyclic Longitudinal Stresses, ΔSLh

$$t_w/D = 0.025$$

$$E_c = 5$$

$$K_{Lh} = 13.0$$

$$D = 20.000$$

 $H = 5.000$

$$G_{Lh} = 0.99$$

4.2.3 - Table 2 with:

$$H = 5.000$$

 $D = 20.000$

$$R = 1.10$$

 $L = 1.00$

$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$

 $\Delta S_{Lh} = 1,475$ psi

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress

$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:

$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

6.2 Eq. 10 (+ HDD Bend):

$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$

+S b

S 2 =

Bending Side Compression Side

6.3 Equation 11:

or

$$S_3 = -MAOP$$

$$S_3 = -1,440$$
 ps

6.4 Effective Stress, Seff

Equation 12:

$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} = 30,101$$
 30,101

Bending Side

Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} =$$
 30,101 ps
 $S_{eff} \le$ 46,800 ps

OK (y/n)

PASS

7. Check Fatigue

7.1 Girth Welds

$$S_{FG} = 12,000$$
 psi

OK (y/n)

PASS

Equation 17:

$$\Delta S_{Lh} =$$
 1,475 psi $S_{FG} * F =$ 7,200 psi

 $\Delta S_{Lh} \leq S_{FG} * F$

$$S_{FG} * F = 7,200$$
 psi

7.2 Longitudinal Welds

Table 3

$$S_{FL} = 23,000$$
 psi

Equation 17:

$$\Delta S_{Hh} \leq S_{FL} * F$$

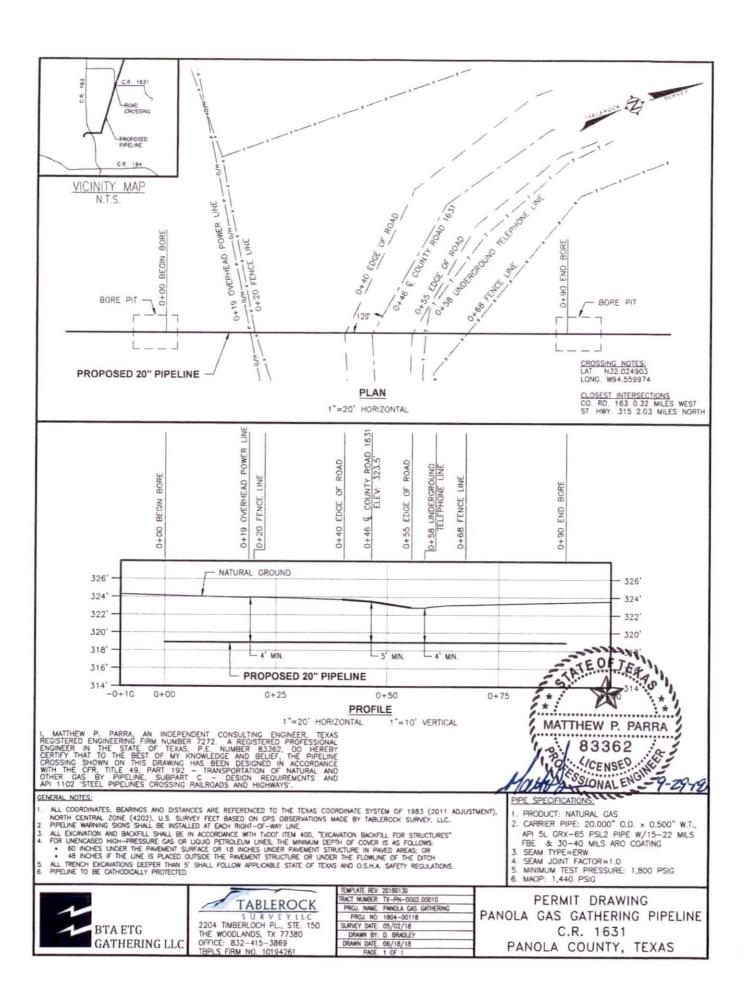
$$\Delta S_{Hh} = 1,925 \quad \text{psi}$$

$$S_{FL} * F = 13,800 \quad \text{psi}$$

13,800

OK (y/n)

PASS



Crossings of Railroads Highways **API RP 1102**

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 1631, Panola County, Texas Permit Drawing TX-PN-0002.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color I	_egend
Inputs	
Outputs	Design Info.
Results	PASS

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	20.000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F=	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_1 =$	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
$t_w =$	0.5	Pipe Wall Thickness (in.)



Installation & Site Data:

H =	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R=	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E, =	5	Resilient Modulus (ksi)
y =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
	No Pavement	Pavement Type

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_{w} \leq F * E * T * SYMS$$

$$S_{Hi} = 28,800 \leq 39,000 \text{ psi} \qquad OK (y/n) \qquad PASS$$

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $K_{He} = 1,900$ $E' = 0.2$ ksi $E' = 0.77$ Soil Type = A $E_e = 0.77$ Soil Type = A $E_e = 0.77$ $E_$

3. Impact Factor, Fi and Applied Design Surface Pressure, w

$$H = 5.000$$
 ft $F_i = 1.50$

3.2 - Applied design surface No Pavement $P = 10.00$ kips pressure, W Section 4.7.2.2.1 $W = 69.44$ psi Critical Case: tandem axles

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

$$t_w/D = 0.025$$

$$E_r = 5$$

$$D = 20.000$$
 in $H = 5.000$ ft

$$D = 20.000$$
 in $H = 5.000$ ft

$$H = 5.000$$

 $D = 20.000$

$$R = 1.10$$

$$L = 1.00$$

16.8

1.00

$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * W$$

 $\Delta S_{Hh} = 1,925$ psi

4.2 Cyclic Longitudinal Stresses, ΔSLh

$$t_w/D = 0.025$$

$$E_r = 5$$

$$K_{Lh} = 13.0$$

$$D = 20.000$$

 $H = 5.000$

$$G_{Lh} = 0.99$$

4.2.3 - Table 2 with:

$$H = 5.000$$
 $D = 20.000$

$$R = 1.10$$

 $L = 1.00$

$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * W$$

$$\Delta S_{Lh} = 1,475 \quad \text{psi}$$

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

 $S_{Hi} = 28,080$ ps

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress
$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:
$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

6.2 Eq. 10 (+ HDD Bend):
$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$
 +S_b

$$S_2 = 8,707$$
 psi Bending Side
8,707 psi Compression Side

6.3 Equation 11:
$$S_3 = -MAOP$$

or

$$S_3 = -1,440$$
 psi

6.4 Effective Stress, Seff

Equation 12:
$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} =$$
 30,101 psi Bending Side
30,101 psi Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \le SMYS * 0.72$$

Max $S_{eff} =$ 30,101 psi OK (y/n) PASS

 $S_{eff} \le$ 46,800 psi

7. Check Fatigue

Table 3
$$S_{FG} = 12,000$$
 ps

Equation 17:
$$\Delta S_{Lh} \leq S_{FG} * F$$
 OK (y/n) PASS

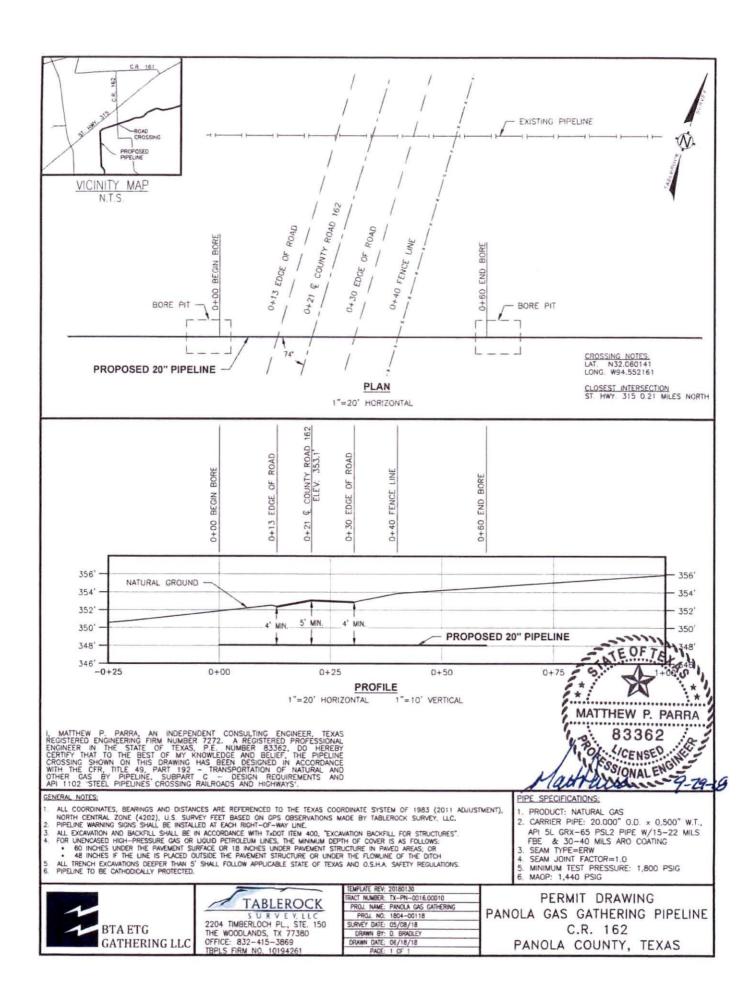
$$\Delta S_{Lh} = 1,475$$
 psi $S_{FG} * F = 7,200$ psi

7.2 Longitudinal Welds

Table 3
$$S_{FL} = 23,000$$
 psi Equation 17: $\Delta S_{Hh} \leq S_{FL} * F$

$$\Delta S_{Hh} = S_{FL} *F$$
 $\Delta S_{Hh} = 1,925$ psi

 $S_{FL} *F = 13,800$ psi



Crossings of Railroads Highways **API RP 1102**

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 162, Panola County, Texas Permit Drawing TX-PN-0016.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color	Legend
Inputs	
Outputs	Design Info.
Results	PASS

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	20.000	Pipe Outside Diameter (in.)
ρ =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F=	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_{t} =$	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t w =	0.5	Pipe Wall Thickness (in.)
		•



Installation & Site Data:

H =	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R =	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E,=	5	Resilient Modulus (ksi)
γ =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
	No Pavement	Pavement Type

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_{w} \leq F * E * T * SYMS$$

$$S_{Hi} = 28,800 \leq 39,000 \text{ psi} \qquad OK (y/n) \qquad PASS$$

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $K_{He} = 1,900$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.77$ Soil Type = A $E_e = 0.77$ $E_e =$

3. Impact Factor, Fi and Applied Design Surface Pressure, w

$$3.1$$
 - Figure 7 for Highways $H = 5.000$ ft $F_i = 1.50$
 3.2 - Applied design surface No Pavement $P = 10.00$ kips pressure, $W = 10.00$ psi Critical Case: tandem axles

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

4.1.1 - From Figure 14 with:
$$t_w / D = 0.025$$

 $E_r = 5$

$$K_{Hh} = \frac{16.8}{1}$$

4.1.2 - From Figure 15 with:
$$D = 20.000$$
 in $H = 5.000$ ft

$$G_{Hh} = 1.00$$

No Pavement
$$H = 5.000$$

Tandem axles $D = 20.000$

$$R = 1.10$$
 $L = 1.00$

4.1.4 - Equation 5:
$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * w$$
$$\Delta S_{Hh} = 1,925 \quad \text{psi}$$

4.2 Cyclic Longitudinal Stresses, ΔSLh

4.2.1 - From Figure 16 with:
$$t_w / D = 0.025$$

 $E_r = 5$

$$K_{Lh} = 13.0$$

4.2.2 - From Figure 17 with:
$$D = 20.000$$

 $H = 5.000$

$$G_{Lh} = 0.99$$

4.2.3 - Table 2 with:

No Pavement
$$H = 5.000$$

Tandem axles $D = 20.000$

$$R = 1.10$$
 $L = 1.00$

4.2.4 - Equation 6:
$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$
$$\Delta S_{Lh} = 1,475$$
psi

5. Circumferential Stress Due to Internal Pressure

Equation 7:
$$S_{Hi} = p * (D - t_w) / 2t_w$$

 $S_{Hi} = 28,080$ ps

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress
$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:
$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

6.2 Eq. 10 (+ HDD Bend):
$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi}) + S_b$$

$$S_2 = 8,707$$
 psi Bending Side
8,707 psi Compression Side

6.3 Equation 11:
$$S_3 = -MAOP$$

or

$$S_3 = -1,440$$
 ps

6.4 Effective Stress, Seff

Equation 12:
$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} =$$
 30,101 psi Bending Side
30,101 psi Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} =$$
 30,101 psi OK (y/n) PASS
 $S_{eff} \le$ 46,800 psi

7. Check Fatigue

Table 3
$$S_{FG} = 12,000$$
 psi

Equation 17:
$$\Delta S_{Lh} \leq S_{FG} * F$$
 OK (y/n) PASS

$$\Delta S_{Lh} = 1,475$$
 psi
 $S_{FG} * F = 7,200$ psi

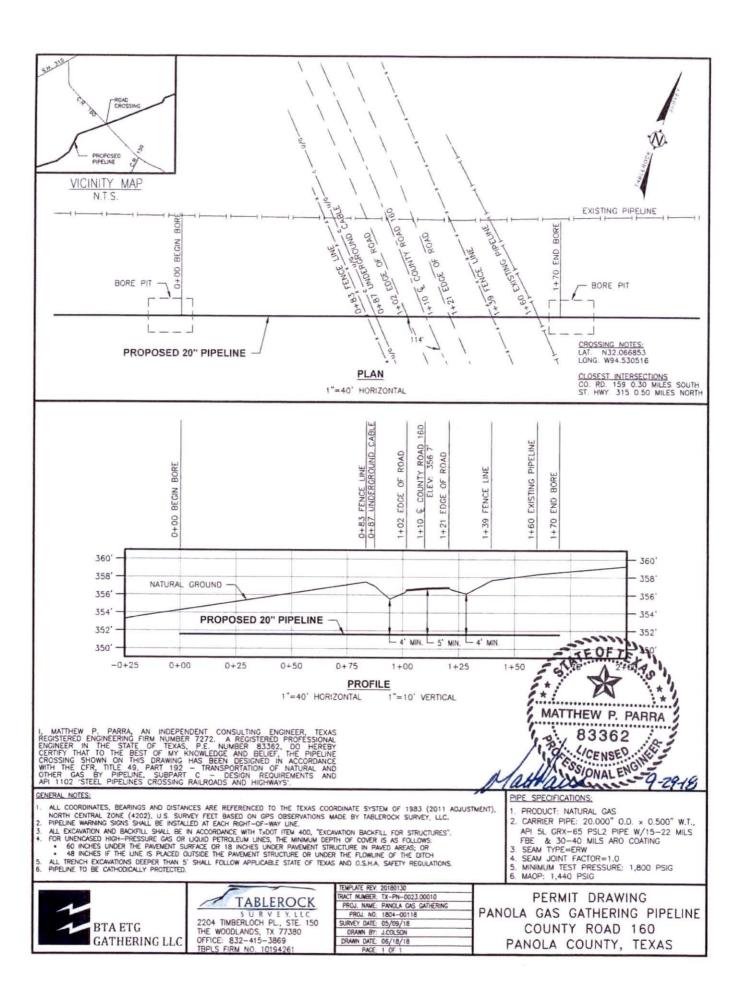
7.2 Longitudinal Welds

Table 3
$$S_{FL} = 23,000$$
 ps

 $S_{FL} * F =$

Equation 17:
$$\Delta S_{Hh} \leq S_{FL} * F$$
 OK (y/n) PASS
$$\Delta S_{Hh} = 1,925 \text{ psi}$$

13,800



Crossings of Railroads Highways **API RP 1102**

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 160, Panola County, Texas Permit Drawing TX-PN-0023.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color	Legend
Inputs	
Outputs	Design Info.
Results	PASS

Summary:

All checks pass? YES

Pipe & Operational Data:

20.000	Pipe Outside Diameter (in.)
1,440	Operating Pressure (psi)
X65	Specified Minimum Yield Strength (psi)
65,000	Specified Minimum Yield Strength (psi)
0.6	Design Factor
1.0	Longitudinal Joint Factor
90	Installation Temperature °F
100	Maximum or Minimum Operating Temperature °F
1.0	Temperature derating factor
0.5	Pipe Wall Thickness (in.)
	1,440 X65 65,000 0.6 1.0 90 100



H =	5	Cover depth (ft.)
$B_a =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R =	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E, =	5	Resilient Modulus (ksi)
y =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Steel Pipelines Crossings of Railroads Highways

API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a $S_{Hi} = p * D / 2t_w$

OK (y/n)

PASS

2. Circumferential Stress Due to Earth Load

$$t_w / D = 0.025$$

 $E' = 0.2$ ks

$$H/B_d = 2.500$$

$$B_{e} = 0.77$$

$$B_d / D = 1.200$$

$$E_{e} = 1.19$$

$$S_{He} = K_{He} * B_e * E_e * \gamma * D$$

 $S_{He} = 2,418$ psi

3. Impact Factor, F, and Applied Design Surface Pressure, w

$$H = 5.000$$
 ft

$$F_i = 1.50$$

$$P = 10.00$$
 kips $w = 69.44$ psi

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

$$t_w/D = 0.025$$

$$E_c = 5$$

$$D = 20.000$$
 in $H = 5.000$ ff

$$D = 20.000$$
 in $H = 5.000$ ft

4.1.4 - Equation 5:

$$H = 5.000$$

 $D = 20.000$

$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * w$$

 $\Delta S_{Hh} = 1,925$ psi

4.2 Cyclic Longitudinal Stresses, ΔSLh

$$t_w/D = 0.025$$

$$E_c = 5$$

$$D = 20.000$$

 $H = 5.000$

4.2.3 - Table 2 with:

$$H = 5.000$$

 $D = 20.000$

4.2.4 - Equation 6:
$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$

$$\Delta S_{Lh} = 1,475$$
 psi

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

16.8

1.00

1.10

1.00

13.0

0.99

1.10

1.00

K_{Lh} =

 $G_{Lh} =$

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress
$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:
$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

6.2 Eq. 10 (+ HDD Bend):
$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$
 + S_b

$$S_2 =$$
 8,707 psi Bending Side 8,707 psi Compression Side

6.3 Equation 11:
$$S_3 = -MAOP$$

or

$$S_3 = -1,440$$
 psi

6.4 Effective Stress, Seff

Equation 12:
$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} =$$
 30,101 psi Bending Side
30,101 psi Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} = 30,101$$
 psi OK (y/n) PASS
$$S_{eff} \le 46,800$$
 psi

PASS

7. Check Fatigue

7.1 Girth Welds

Table 3
$$S_{FG} = 12,000$$
 ps

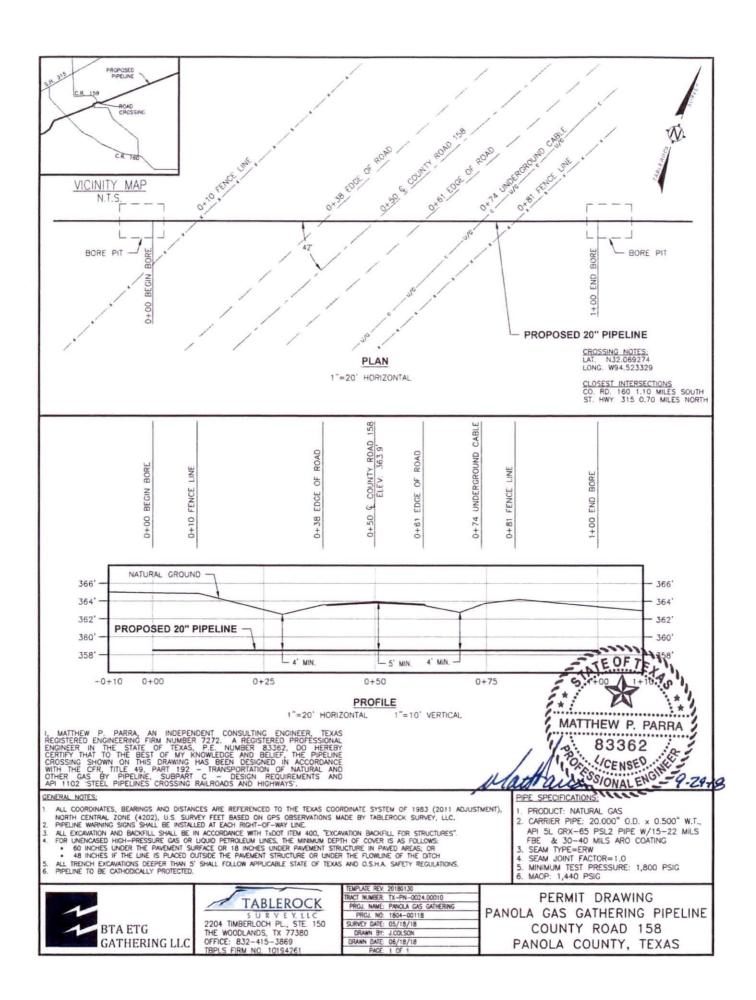
Equation 17:
$$\Delta S_{Lh} \leq S_{FG} * F$$
 OK (y/n)

$$\Delta S_{Lh} = 1,475$$
 psi $S_{FG} * F = 7,200$ psi

7.2 Longitudinal Welds

Table 3
$$S_{FL} = 23,000$$
 ps

Equation 17:
$$\Delta S_{Hh} \leq S_{FL} * F$$
 OK (y/n) PASS



Crossings of Railroads Highways **API RP 1102**

(Uncased Crossings)

BTA ETG Gathering LLC

PANOLA GAS GATHERING PIPELINE

CR 158, Panola County, Texas Permit Drawing TX-PN-0024.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

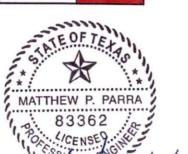
*Color	Legend
Inputs	
Outputs	Design Info.
Results	PASS

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	20.000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F=	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_1 =$	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t _w =	0.5	Pipe Wall Thickness (in.)



H =	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R =	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E,=	5	Resilient Modulus (ksi)
y =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_l =$	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Steel Pipelines Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_{w} \leq F * E * T * SYMS$$

$$S_{Hi} = 28,800 \leq 39,000 \text{ psi} \qquad OK (y/n) \qquad PASS$$

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $K_{He} = 1,900$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.77$ Soil Type = A $E_e = 0.77$ Soil Type = A $E_e = 0.77$ E_e

3. Impact Factor, Fi and Applied Design Surface Pressure, w

3.1 - Figure 7 for Highways
$$H = 5.000$$
 ft $F_i = 1.50$

3.2 - Applied design surface $F_i = 1.000$ kips pressure, $W_i = 0.000$ psi Critical Case: tandem axles

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

$$t_w/D = 0.025$$

$$E_c = 5$$

$$D = 20.000$$
 in $H = 5.000$ ft

$$H = 5.000$$

$$H = 5.000$$

 $D = 20.000$

4.1.4 - Equation 5:
$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * w$$
$$\Delta S_{Hh} = 1,925$$
 psi

4.2 Cyclic Longitudinal Stresses, ΔSLh

$$t_w/D = 0.025$$

$$E_c = 5$$

$$D = 20.000$$

 $H = 5.000$

Pavement
$$H = 5.000$$

dem axles $D = 20.000$

4.2.4 - Equation 6:
$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$

$$\Delta S_{Lh} = 1,475$$
 psi

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

$$S_{Hi} = 28,080$$
 ps

16.8

1.00

1.10

1.00

13.0

0.99

1.10

1.00

R =

 $K_{Lh} =$

 $G_{Lh} =$

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S1, S2, S3

HDD Bend Stress
$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:
$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

6.2 Eq. 10 (+ HDD Bend):
$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$
 + S_b

$$S_2 =$$
 8,707 psi Bending Side
8,707 psi Compression Side

6.3 Equation 11:
$$S_3 = -MAOP$$

or

$$S_3 = -1,440$$
 psi

6.4 Effective Stress, Seff

Equation 12:
$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} =$$
 30,101 psi Bending Side
30,101 psi Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} = 30,101$$
 psi OK (y/n) PASS
 $S_{eff} \le 46,800$ psi

7. Check Fatigue

7.1 Girth Welds

Table 3
$$S_{FG} = 12,000$$
 ps

Equation 17:
$$\Delta S_{Lh} \leq S_{FG} * F$$

$$\Delta S_{Lh} = 1,475 \quad \text{psi}$$

 $S_{FL} * F = 13,800$

$$\Delta S_{Lh} = 1,475$$
 psi $S_{FG} * F = 7,200$ psi

7.2 Longitudinal Welds

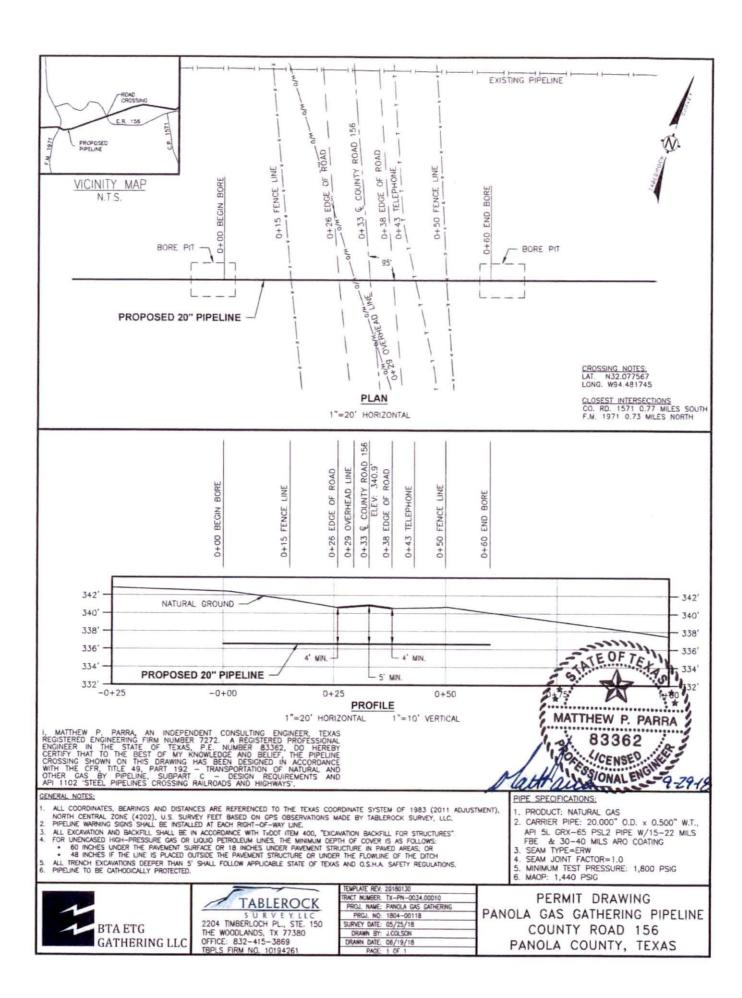
Table 3
$$S_{FL} =$$
 23,000 ps

Equation 17:
$$\Delta S_{Hh} \leq S_{FL} * F$$

$$\Delta S_{Hh} = 1,925 \quad \text{psi}$$

OK (y/n)

PASS



Crossings of Railroads Highways **API RP 1102**

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 156, Panola County, Texas Permit Drawing TX-PN-0034.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color	Legend
Inputs	
Outputs	Design Info.
Results	PASS
Results	FAIL

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	20.000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F =	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_i =$	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t 🐝 =	0.5	Pipe Wall Thickness (in.)
		_



H =	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R =	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E, =	5	Resilient Modulus (ksi)
y =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_w \leq F * E * T * SYMS$$

$$S_{Hi} = 28,800 \leq 39,000 \text{ ps}$$

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $K_{He} = 1,900$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.77$ Soil Type = A $E_e = 0.77$ Soil Type = A $E_e = 0.77$ E_e

PASS

J. Leonhardt

OK (y/n)

3. Impact Factor, Fi and Applied Design Surface Pressure, w

3.1 - Figure 7 for Highways
$$H = 5.000$$
 ft $F_i = 1.50$

3.2 - Applied design surface Flexible Pavement $P = 10.00$ kips pressure, w Section 4.7.2.2.1 $w = 69.44$ psi Critical Case: tandem axles

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1.2 - From Figure 15 with:

4.1 Cyclic Circumferential Stresses, ΔSHh

4.1.1 - From Figure 14 with:
$$t_w / D = 0.025$$

$$E_r = 5$$

$$D = 20.000$$
 in $H = 5.000$ ft

$$G_{Hh} = 1.00$$

16.8

4.1.5 - Table 2 With.			
Flexible Pavement	H =	5.000	
Tandem axles	D =	20.000	

$$R = 1.10$$

 $L = 1.00$

$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * W$$

 $\Delta S_{Hh} = 1,925$ psi

4.2 Cyclic Longitudinal Stresses, ΔSLh

4.2.1 - From Figure 16 with:
$$t_w / D = 0.025$$

$$E_r = 5$$

$$K_{Lh} = 13.0$$

4.2.2 - From Figure 17 with:
$$D = 20.000$$

$$D = 20.000$$
 $H = 5.000$

$$G_{Lh} = 0.99$$

4.2.3 - Table 2 with:

Flexible Pavement
$$H = 5.000$$

Tandem axles $D = 20.000$

$$R = 1.10$$

 $L = 1.00$

$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * W$$

 $\Delta S_{Lh} = 1,475$ psi

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$

+Sb

Compression Side

$$S_3 = -MAOP$$

S 2 =

$$S_3 = -1,440$$
 psi

6.4 Effective Stress, Seff

$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} = 30,101$$
 psi 30,101 psi

Bending Side

Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} = 30,101$$
 psi $S_{eff} \le 46,800$ psi

OK (y/n)

PASS

7. Check Fatigue

7.1 Girth Welds

$$S_{FG} = 12,000$$
 ps

psi

psi

$$\Delta S_{Lh} \leq S_{FG} * F$$
 $\Delta S_{Lh} = 1,475$

PASS

7.2 Longitudinal Welds

$$S_{FL} = 23,000$$
 ps

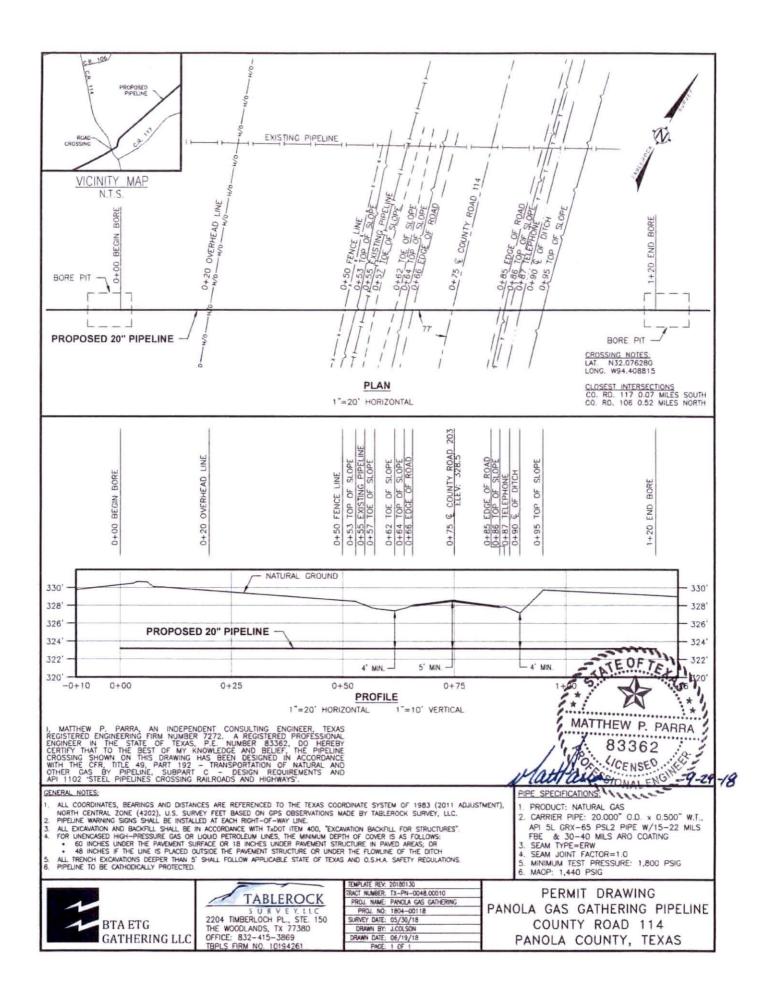
7,200

$$\Delta S_{Hh} \leq S_{FL} * F$$

$$\Delta S_{Hh} \leq S_{FL} * F$$

 $S_{FG} * F =$

$$\Delta S_{Hh} = 1,925$$
 psi



Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 114, Panola County, Texas Permit Drawing TX-PN-0048.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color Legend Inputs Outputs Design Info. PASS Results

MATTHEW P. PARRA

Pipe & Operational Data:

All checks pass? YES

Summary:

D =	20.000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F=	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
T 1 =	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t w =	0.5	Pipe Wall Thickness (in.)

- H=	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R=	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E, =	5	Resilient Modulus (ksi)
y =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
P, =	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Steel Pipelines Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_{w} \leq F * E * T * SYMS$$

$$S_{Hi} = 28,800 \leq 39,000 \text{ psi} \qquad OK (y/n) \qquad PASS$$

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $E' = 0.77$ Soil Type = A $E_e = 0.77$ Soil Type = A $E_e = 0.77$ $E_e =$

3. Impact Factor, Fi and Applied Design Surface Pressure, w

3.1 - Figure 7 for Highways	$H = _{_{_{_{_{_{_{_{_{_{_{_{_{_{_{1}}}}}}}}}$	$F_i = $	1.50	
3.2 - Applied design surface	Flexible Pavement	P = _	10.00	kips
pressure, w Section 4.7.2.2.1		w =	69.44	psi
Critical Case: tandem axles				

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

$$t_w/D = 0.025$$

$$E_r = 5$$

$$D = 20.000$$
 in $H = 5.000$ ft

$$H = 5.000$$
 $D = 20.000$

$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * w$$

$$\Delta S_{Hh} = 1,925$$
 ps

4.2 Cyclic Longitudinal Stresses, ΔSLh

4.2.2 - From Figure 17 with:

$$t_w/D = 0.025$$

$$E_r = 5$$

$$D = 20.000$$

 $H = 5.000$

4.2.3 - Table 2 with:

Flexible Pavement
Tandem axles
$$D = \frac{5.000}{20.000}$$

4.2.4 - Equation 6:

$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * W$$

$$\Delta S_{Lh} =$$

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

$$S_{Hi} =$$

16.8

1.00

1.00

0.99

1.10

1.00

R=

L =

R=

L =

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S1, S2, S3

HDD Bend Stress

$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:

$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

 $S_1 = 32,423$ psi

6.2 Eq. 10 (+ HDD Bend):

$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$

+S b

 $S_2 = 8,707$ psi

Bending Side Compression Side

6.3 Equation 11:

or

$$S_3 = -MAOP$$

$$S_3 = -1,440$$
 psi

6.4 Effective Stress, Seff

Equation 12:

$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

Bending Side

30,101 psi

Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} =$$
 30,101 psi $S_{eff} \le$ 46,800 psi

OK (y/n)

PASS

7. Check Fatigue

7.1 Girth Welds

Table 3

$$S_{FG} =$$
 12,000 psi $\Delta S_{Lh} \leq S_{FG} * F$

OK (y/n)

PASS

Equation 17:

 $\Delta S_{Lh} =$ 1,475 psi $S_{FG} * F =$ 7,200 psi

7.2 Longitudinal Welds

Table 3

$$S_{FL} = 23,000$$
 psi

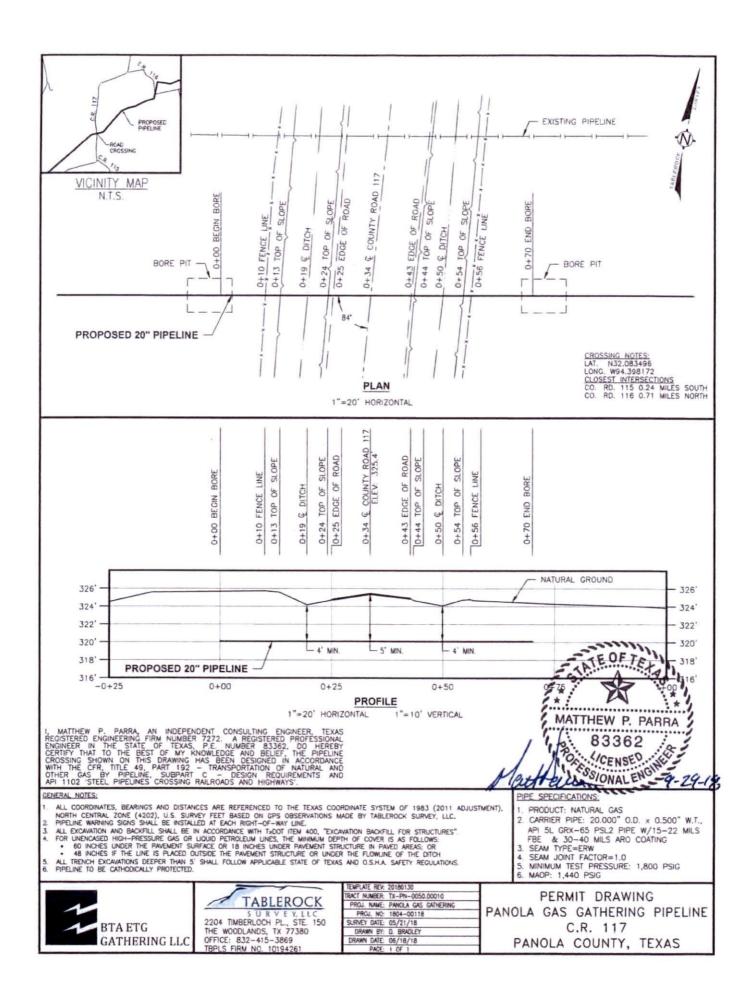
17: $\Delta S_{Hh} \leq S_{FL} * F$

OK (y/n)

PASS

Equation 17:

 $\Delta S_{Hh} = 1,925$ psi



Crossings of Railroads Highways **API RP 1102**

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 117, Panola County, Texas Permit Drawing TX-PN-0050.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color	Legend
Inputs	Missing Services
Outputs	Design Info.
Results	PASS

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	20,000	Pipe Outside Diameter (in.)
ρ =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F =	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
T , =	90	Installation Temperature °F
T ₂ =	100	Maximum or Minimum Operating Temperature °F
<i>T</i> =	1.0	Temperature derating factor
$t_w =$	0.5	Pipe Wall Thickness (in.)

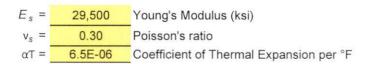


H =	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R=	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
E,=	5	Resilient Modulus (ksi)
y =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:



1. Check Allowable Barlow Stress

Equation 8a

$$S_{Hi} = p * D / 2t_w \leq F * E * T * SYMS$$

 $S_{Hi} = 28,800 \leq 39,000$ psi

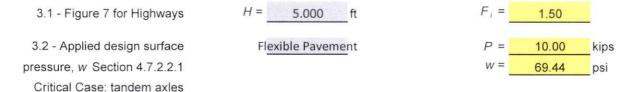
2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w / D = 0.025$$
 $E' = 0.2$ ksi $K_{He} = 1,900$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E_e = 0.77$ Soil Type = A $E_e = 0.77$ $E_$

OK (y/n)

PASS

3. Impact Factor, F_i and Applied Design Surface Pressure, w



Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

$$t_w/D = 0.025$$

$$E_f = 5$$

$$<_{Hh} = 16.8$$

$$D = 20.000$$
 in $H = 5.000$ ft

$$G_{Hh} = 1.00$$

$$H = 5.000$$
 $D = 20.000$

$$R = 1.10$$

 $L = 1.00$

$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * W$$

 $\Delta S_{Hh} = 1,925$ psi

$$t_w/D = 0.025$$

$$E_f = 5$$

$$K_{Lh} = 13.0$$

$$D = 20.000$$

 $H = 5.000$

$$G_{Lh} = 0.99$$

4.2.3 - Table 2 with:

$$H = 5.000$$

 $D = 20.000$

$$R = 1.10$$
 $L = 1.00$

$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * W$$

$$\Delta S_{Lh} = 1,475 \quad \text{psi}$$

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

$$S_{Hi} = 28,080$$
 ps

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress

$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:

$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

6.2 Eq. 10 (+ HDD Bend):

$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$

+Sh

 S_2

= 8,707 ps

Bending Side Compression Side

6.3 Equation 11:

or

$$S_3 = -MAOP$$

$$S_3 = -1,440$$
 ps

6.4 Effective Stress, Seff

Equation 12:

$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} = 30,101$$
 30,101

Bending Side

30,101

Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} = 30,101$$
 psi $S_{eff} \le 46,800$ psi

OK (y/n)

PASS

7. Check Fatigue

7.1 Girth Welds

Equation 17:

$$S_{FG} = \frac{12,000}{\Delta S_{Lh}} \le S_{FG} * F$$

 $\Delta S_{Lh} = S_{FG} * F =$

 $S_{FL} *F =$

OK (y/n)

PASS

7.2 Longitudinal Welds

Table 3

$$S_{FL} = \frac{23,000}{}$$
 psi

Equation 17: ΔS

$$\Delta S_{Hh} \leq S_{FL} * F$$
 $\Delta S_{Hh} = 1,925$ psi

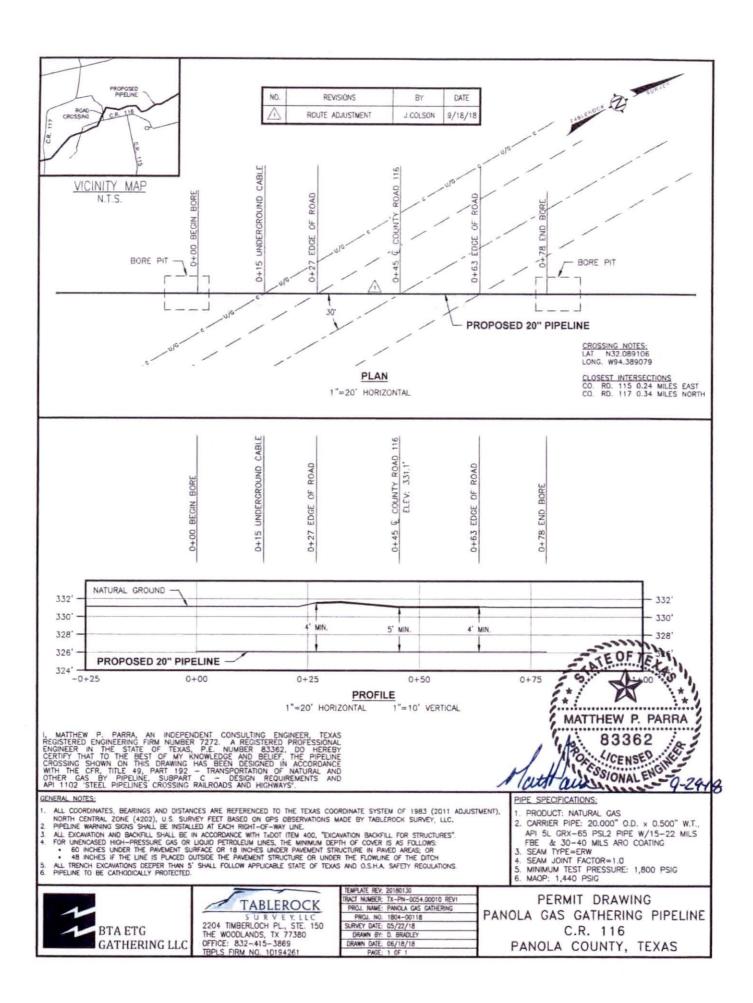
13,800

psi

psi psi

OK (y/n)

PASS



Steel Pipelines Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 116, Panola County, Texas Permit Drawing TX-PN-0054.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color	Legend
Inputs	
Outputs	Design Info.
Results	PASS

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	20,000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F=	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_1 =$	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t w =	0.5	Pipe Wall Thickness (in.)



H =	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R =	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E' =	0.2	Modulus of Soil Reaction (ksi)
$E_r =$	5	Resilient Modulus (ksi)
y =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
$P_t =$	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_{w} \leq F * E * T * SYMS$$

$$S_{Hi} = 28,800 \leq 39,000 \text{ psi} \qquad OK (y/n) \qquad PASS$$

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $E' = 0.77$ Soil Type = A $E_e = 0.77$ Soil Type = A $E_e = 0.77$ $E_e =$

3. Impact Factor, F; and Applied Design Surface Pressure, w

3.1 - Figure 7 for Highways
$$H = 5.000$$
 ft $F_i = 1.50$

3.2 - Applied design surface Flexible Pavement $P = 10.00$ kips pressure, W Section 4.7.2.2.1 $P = 10.00$ kips $P =$

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1 Cyclic Circumferential Stresses, ΔSHh

$$t_w/D = 0.025$$

$$E_c = 5$$

$$D = 20.000$$
 in $H = 5.000$ ft

$$H = 5.000$$

 $D = 20.000$

$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * W$$

$$\Delta S_{Hh} = 1,925 \quad \text{psi}$$

4.2 Cyclic Longitudinal Stresses, ΔSLh

$$t_w/D = 0.025$$

$$E_c = 5$$

$$K_{Lh} = 13.0$$

16.8

1.00

1.00

$$D = 20.000$$

 $H = 5.000$

$$G_{Lh} = 0.99$$

4.2.3 - Table 2 with:

Flexible Pavement
$$H = 5.000$$

Tandem axles $D = 20.000$

$$R = \frac{1.10}{L = \frac{1.00}{1.00}}$$

$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$

$$\Delta S_{Lh} = 1,475$$
 psi

5. Circumferential Stress Due to Internal Pressure

$$S_{Hi} = p * (D - t_w) / 2t_w$$

 $S_{Hi} = 28,080$ psi

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress
$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:
$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

6.2 Eq. 10 (+ HDD Bend):
$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi}) + S_b$$

$$S_2 = 8,707$$
 psi Bending Side
8,707 psi Compression Side

6.3 Equation 11:
$$S_3 = -MAOP$$

or

$$S_3 = -1,440$$
 ps

6.4 Effective Stress, Seff

Equation 12:
$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} =$$
 30,101 psi Bending Side Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \le SMYS * 0.72$$
 $Max S_{eff} = 30,101$ psi OK (y/n)

 $S_{eff} \le 46,800$ psi

7. Check Fatigue

Table 3
$$S_{FG} = 12,000$$
 ps

7,200

Equation 17:
$$\Delta S_{Lh} \leq S_{FG} * F$$

$$\Delta S_{Lh} = 1,475 \text{ psi}$$

 $S_{FG} *F =$

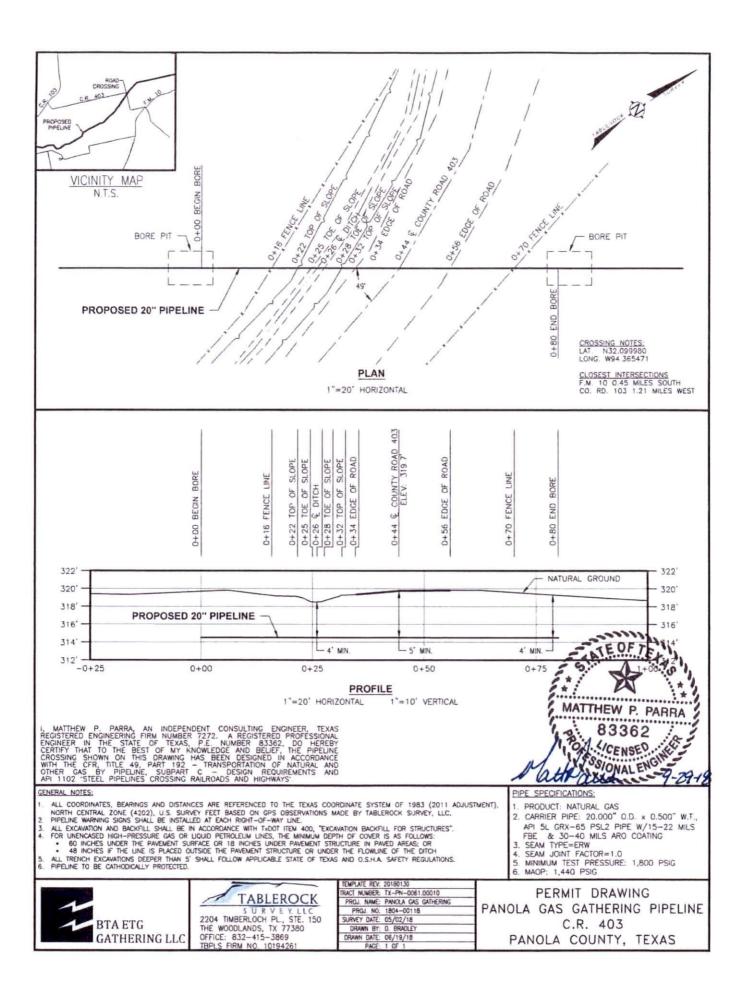
PASS

Table 3
$$S_{FL} = 23,000$$
 ps

Equation 17:
$$\Delta S_{Hh} \leq S_{FL} * F$$

$$\Delta S_{Hh} = 1,925 \quad \text{psi}$$

$$S_{FL} * F = 13,800 \quad \text{psi}$$



Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 403, Panola County, Texas Permit Drawing TX-PN-0061.00010

Revision		Date	Ву	Check/Appr.
Issued for Permit	0	9/29/2018	JPO	JAL

*Color	Legend
Inputs	
Outputs	Design Info.
Dogulto	PASS
Results	FAIL

Summary:

All checks pass? YES

Pipe & Operational Data:

D =	20.000	Pipe Outside Diameter (in.)
p =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F =	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_1 =$	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
$t_w =$	0.5	Pipe Wall Thickness (in.)

H =	5	Cover depth (ft.)		
$B_d =$	24.000	Bore Diameter (in.)		
	No	HDD Crossing? (Yes/No)		
R =	0	HDD Curve Minimum Radius (ft)		
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays		
E' =	0.2	Modulus of Soil Reaction (ksi)		
E,=	5	Resilient Modulus (ksi)		
y =	120	Unit Weight (pcf)		
	ERW	Type of Longitudinal Weld		
P _s =	12	Design Wheel Load from Single Axle (kips)		
P _t =	10	Design Wheel Load from Tandem Axle (kips)		
Flexible Pavement Pavement Type				

Steel Pipelines Crossings of Railroads Highways

API RP 1102

(Uncased Crossings)

Other pipe steel properties:

$$E_s = 29,500$$
 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_w \le F * E * T * SYMS$$
 $S_{Hi} = 28,800 \le 39,000$ psi

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $K_{He} = 1,900$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.77$ Soil Type = A $E_e = 0.77$ Soil Type = A $E_e = 0.77$ $E_e =$

PASS

J. Leonhardt

OK (y/n)

3. Impact Factor, Fi and Applied Design Surface Pressure, w

$$3.1$$
 - Figure 7 for Highways $H = 5.000$ ft $F_i = 1.50$
 3.2 - Applied design surface Flexible Pavement $P = 10.00$ kips pressure, W Section 4.7.2.2.1 $W = 69.44$ psi Critical Case: tandem axles

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

16.8

1.00

1.10

1.00

13.0

0.99

1.10

1.00

R=

L=

 $K_{Lh} =$

 $G_{Lh} =$

4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1.2 - From Figure 15 with:

4.1 Cyclic Circumferential Stresses, ΔSHh

4.1.1 - From Figure 14 with:
$$t_w / D = 0.025$$

 $E_r = 5$

$$D = 20.000$$
 in $H = 5.000$ ft

$$D = 20.000$$
 in $H = 5.000$ ft

Flexible Pavement
$$H = 5.000$$

Tandem axles $D = 20.000$

4.1.4 - Equation 5:
$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * w$$

$$\Delta S_{Hh} = 1,925 \text{ psi}$$

4.2 Cyclic Longitudinal Stresses, ΔSLh

4.2.3 - Table 2 with: Flexible Pavement

Tandem axles

4.2.1 - From Figure 16 with:
$$t_w / D = 0.025$$

4.2.2 - From Figure 17 with:
$$D = 20.000$$

 $H = 5.000$

$$D = 20.000$$

 $H = 5.000$

$$H = 5.000$$
 $D = 20.000$

4.2.4 - Equation 6:
$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$

$$\Delta S_{Lh} = 1,475$$
 psi

5. Circumferential Stress Due to Internal Pressure

Equation 7:
$$S_{Hi} = p * (D - t_w) / 2t_w$$

 $S_{Hi} = 28,080$ ps

Steel Pipelines

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

HDD Bend Stress
$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

6.1 Equation 9:
$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

6.2 Eq. 10 (+ HDD Bend):
$$S_2 = \Delta S_L - E_s * 1000 \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$
 +S_b

$$S_2 = 8,707$$
 psi Bending Side
8,707 psi Compression Side

6.3 Equation 11:
$$S_3 = -MAOP$$

or

$$S_3 = -1,440$$
 ps

6.4 Effective Stress, Seff

Equation 12:
$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

6.5 Check allowable Effective stress:

$$S_{eff} \le SMYS * 0.72$$
 $Max S_{eff} = 30,101$ psi OK (y/n)

 $S_{eff} \le 46,800$ psi

7. Check Fatigue

Table 3
$$S_{FG} = \frac{12,000}{12,000}$$
 ps

Equation 17:
$$\Delta S_{Lh} \leq S_{FG} * F$$

$$\Delta S_{Lh} = 1,475 \quad \text{psi}$$

$$S_{FG} * F = 7,200 \quad \text{psi}$$

PASS

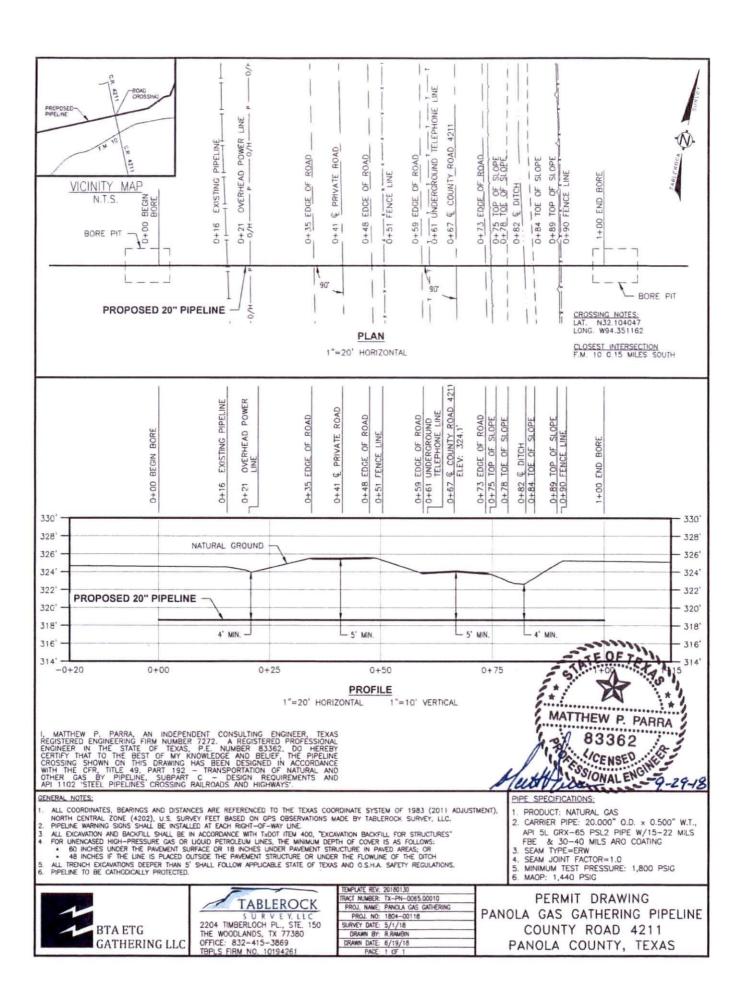
7.2 Longitudinal Welds

Table 3
$$S_{FL} =$$
 23,000 ps
Equation 17: $\Delta S_{Hh} \leq S_{FL} * F$

17:
$$\Delta S_{Hh} \leq S_{FL} * F$$

$$\Delta S_{Hh} = 1,925 \quad \text{psi}$$

$$S_{FL} * F = 13,800 \quad \text{psi}$$



Steel Pipelines

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

BTA ETG Gathering LLC PANOLA GAS GATHERING PIPELINE

CR 4211, Panola County, Texas Permit Drawing TX-PN-0065.00010

Revision		Date	Ву	Check/Appr.	
Issued for Permit	0	9/29/2018	JPO	JAL	

*Color	Legend
Inputs	
Outputs	Design Info.
Results	PASS
Results	FAIL

Summary: All checks pass? YES

Pipe & Operational Data:

D =	20.000	Pipe Outside Diameter (in.)
ρ =	1,440	Operating Pressure (psi)
Steel Grade =	X65	Specified Minimum Yield Strength (psi)
SMYS =	65,000	Specified Minimum Yield Strength (psi)
F =	0.6	Design Factor
E =	1.0	Longitudinal Joint Factor
$T_1 =$	90	Installation Temperature °F
$T_2 =$	100	Maximum or Minimum Operating Temperature °F
T =	1.0	Temperature derating factor
t w =	0.5	Pipe Wall Thickness (in.)



Installation & Site Data:

H =	5	Cover depth (ft.)
$B_d =$	24.000	Bore Diameter (in.)
	No	HDD Crossing? (Yes/No)
R =	0	HDD Curve Minimum Radius (ft)
Soil Type =	Α	(A) Loose Sands/Soft Clays, (B) Dense Sands/Stiff Clays
E'=	0.2	Modulus of Soil Reaction (ksi)
E, =	5	Resilient Modulus (ksi)
γ =	120	Unit Weight (pcf)
	ERW	Type of Longitudinal Weld
$P_s =$	12	Design Wheel Load from Single Axle (kips)
P, =	10	Design Wheel Load from Tandem Axle (kips)
Flex	ible Pavement	Pavement Type

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API RP 1102

(Uncased Crossings)

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 Young's Modulus (ksi)
 $v_s = 0.30$ Poisson's ratio
 $\alpha T = 6.5E-06$ Coefficient of Thermal Expansion per °F

1. Check Allowable Barlow Stress

Equation 8a
$$S_{Hi} = p * D / 2t_w \le F * E * T * SYMS$$
 $S_{Hi} = 28,800 \le 39,000$ psi

2. Circumferential Stress Due to Earth Load

2.1 - From Figure 3
$$t_w/D = 0.025$$
 $E' = 0.2$ ksi $K_{He} = 1,900$ $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.2$ ksi $E' = 0.77$ Soil Type = A $E_e = 0.77$ Soil Type = A $E_e = 0.77$ E_e

PASS

OK (y/n)

3. Impact Factor, Fi and Applied Design Surface Pressure, w

$$3.1$$
 - Figure 7 for Highways $H = 5.000$ ft $F_i = 1.50$
 3.2 - Applied design surface Flexible Pavement $P = 10.00$ kips pressure, W Section 4.7.2.2.1 $W = 69.44$ psi Critical Case: tandem axles

Steel Pipelines

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4. Cyclic Stresses, ΔS_{Hh} and ΔS_{Lh}

4.1.2 - From Figure 15 with:

4.1 Cyclic Circumferential Stresses, ΔSHh

4.1.1 - From Figure 14 with:
$$t_w / D = 0.025$$

$$E_r = 5$$

$$D = 20.000$$
 in

$$D = 20.000$$
 in $H = 5.000$ ft

5.000

4.1.3 - Table 2 with:

Flexible Pavement
$$H =$$

Tandem axles

Tandem axles
$$D = 20.000$$

$$AS_{UV} = K_{UV} * G_{UV} * R * I$$

4.1.4 - Equation 5:
$$\Delta S_{Hh} = K_{Hh} * G_{Hh} * R * L * F_i * w$$
$$\Delta S_{Hh} = 1,925 \qquad \text{psi}$$

D =

4.2 Cyclic Longitudinal Stresses, ΔSLh

4.2.3 - Table 2 with:

Flexible Pavement

Tandem axles

4.2.1 - From Figure 16 with:
$$t_w / D = 0.025$$

$$E_r = 5$$

4.2.2 - From Figure 17 with:
$$D = 20.000$$

 $H = 5.000$

$$H = 5.000$$
 $R = 1.10$ $L = 1.00$

16.8

1.00

1.10

1.00

13.0

0.99

R =

 $K_{Lh} =$

 $G_{Lh} =$

4.2.4 - Equation 6:
$$\Delta S_{Lh} = K_{Lh} * G_{Lh} * R * L * F_i * w$$

$$\Delta S_{Lh} = 1,475 \quad \text{psi}$$

5. Circumferential Stress Due to Internal Pressure

Equation 7:
$$S_{Hi} = p * (D - t_w) / 2t_w$$

 $S_{Hi} = 28,080$ ps

Steel Pipelines

Crossings of Railroads Highways API RP 1102

(Uncased Crossings)

6. Principal Stresses, S₁, S₂, S₃

$$S_b = E_s * 1000 * D / (24 * R)$$

$$S_b = 0$$
 psi

$$S_1 = S_{He} + \Delta S_H + S_{Hi}$$

$$S_1 = 32,423$$
 psi

$$S_2 = \Delta S_L - E_s * 1000 \ \alpha_T (T_2 - T_1) + v_s (S_{He} + S_{Hi})$$

Bending Side

or

$$S_2 = 8,707$$
 psi 8,707 psi

Compression Side

6.3 Equation 11:

$$S_3 = -MAOP$$

$$S_3 = -1,440$$
 ps

6.4 Effective Stress, Seff

$$S_{eff} = \{[0.5 * [(S_1 - S_2)^2 + (S_2 - S_3)^2 + (S_3 - S_1)^2]\}^{0.5}$$

$$S_{eff} = 30,101$$
 psi 30,101 psi

Bending Side

Compression Side

6.5 Check allowable Effective stress:

$$S_{eff} \leq SMYS * 0.72$$

$$Max S_{eff} = 30,101$$
 psi $S_{eff} \le 46,800$ psi

OK (y/n)

PASS

+Sb

7. Check Fatigue

7.1 Girth Welds

$$S_{FG} = 12,000$$
 ps

1,475

7,200

psi

psi

$$\Delta S_{Lh} \leq S_{FG} * F$$

 $\Delta S_{Lh} =$

 $S_{FG} * F =$



7.2 Longitudinal Welds

$$S_{FL} = 23,000$$
 ps

$$\Delta S_{Hh} \leq S_{FL} * F$$

PASS

$$\Delta S_{Hh} = 1,925$$
 psi



PANOLA COUNTY 2018 BUDGET AMENDMENT #19 October 15, 2018

	ACCOUNT	ACCOUNT DESCRIPTION	AMOUNT	
GENERAL FUND				
REVENUES				
	100-360-41001	INTEREST EARNINGS	10,000	
	100-360-41020	MISCELLANEOUS REVENUE	20,000	
			_	30,000
EXPENDITURES				
MISC. & NON-DEP		*		
	100-409-51800	BENEFITS TERMINATION PAY	5,000	
	100-409-52060	UNEMPLOYMENT INSURANCE	(5,000)	
				0
CRIMINAL DISTRI	CT ATTORNEY			
CALIFITITIE DISTA	100-477-54150	PROFESSIONAL SERVICES	20,000	
	100-477-54990	MISCELLANEOUS	1,922	
	100-477-55270	FURNITURE & EQUIPMENT	(1,922)	
				20,000
COUNTY AUDITOR	₹			
	100-495-54150	PROFESSIONAL SERVICES	(262)	
	100-495-54200	COMMUNICATION TELEPHONE	(120)	
	100-495-54270	CONFERENCES AND DUES	382	
				0
BUILDING MAINT				
	100-510-54570	REPAIRS AND RENOVATIONS	10,000	
				10,000
GRAND TOTAL GE	MEDAL ELIND			20.000
GRAND TOTAL GE	NEKAL FUND		-	30,000
ROAD & BRIDGE F	UND			
EXPENDITURES				
PCT. 3				
	200-623-54480	CONTRACTOR SERVICES	200	
	200-623-55290	LUMBER PILING & CULVERTS	(200)	
				0
GRANT TOTAL RO	AD & BRIDGE FUND			0

PANOLA COUNTY 2018 BUDGET AMENDMENT #19

We hereby amend the Panola County Budget for the Fiscal Year 2018 as set forth above according to the procedures outlined under Vernons Texas Codes Annotated Local Government Code, Chapter 111, Subchapter A Sections 111.010 (d), 111.0106, 111.0107, 111.0108. A copy of this Order is to be filed with the County Clerk and Attached to the Budget originally adopted for 2018.

Absent	
County Judge	
Commissioner Precinct # 1	Commissioner Precinct # 3
Absent	I al Talin
Commissioner Precinct # 2	Commissioner Precinct # 4

Signed on this 16th day of October, 2018.

Passed and approved by the Commissioners Court of Panola County on the 16th day of October, 2018 as the same appears on file in the office of the County Clerk of Panola County.

County Clerk

PANOLA COUNTY CSCD COMMUNITY SUPERVISION AND CORRECTIONS DEPARTMENT

(903)693-0149D FOR RECORD 313 W. Panola St. Carthage, Texas 75633 Date: October 11, 2018 OCT 11 2018 Attn: Commissioners' Court From: Panola County, Community Supervision and Corrections Department (CSCD), BOBBIE DAVIS Director, Kerian Henderson. Ref: October 31, 2018 Open Meeting In compliance with Section 140.004 of the Local Government Code, on this the day of 2018. I hereby following: (1) The Minutes of the open meeting held by the Panola County CSCD and Board of Judges on August 29, 2018. (2)The 2019 Drug Court Budget Amendment #1. (3)The Panola County CSCD Proposed FY-2019 Program #900 Basic Supervision Budget adjustment #1 Please be advised that an open meeting is scheduled for October 31, 2018 at 9:30 AM. The meeting will be held at the Panola County Courthouse Judicial Annex, 110 S. Sycamore St., in the District Courtroom, District Judge LeAnn Kay Rafferty presiding. At this meeting, the above listed items will be considered for approval.

Respectfully submitted,

Kerian Henderson, Director

cc: Honorable Judge Terry Bailey, Panola County Court at Law Honorable Judge LeAnn Kay Rafferty, 123RD Judicial District Sidney Burns, Panola County Auditor & CSCD Fiscal Officer

FILED FOR RECORD

NOTICE OF MEETING

OCT 11 2018

BOBBIE DAVIS PANOLA COUNTY COMMUNITY SUPERVISION AND CORRECTIONS DEPARTME

313 W. Panola St. Carthage, Texas 75633 (903)693-0351

TO WHOM IT MAY CONCERN:

PURSUANT TO THE TEXAS OPEN MEETINGS ACT, NOTICE IS HEREBY GIVEN THAT A MEETING OF THE PANOLA COUNTY COMMUNITY SUPERVISION AND CORRECTIONS DEPARTMENT (CSCD) AND THE BOARD OF JUDGES WILL BE HELD ON THE 31ST DAY OF OCTOBER, 2018, AT 9:30 AM. THE MEETING WILL BE HELD AT THE PANOLA COUNTY COURTHOUSE JUDICIAL ANNEX, 110 S. SYCAMORE ST., IN THE 123RD DISTRICT COURTROOM, DISTRICT JUDGE LEANN KAY RAFFERTY PRESIDING.

AGENDA

In compliance with TDCJ-CJAD funding guidelines, the following will be presented by the Panala County CSCD Director, Kerian Henderson, for approval:

- (1) Approve the Minutes of the open meeting held by the Panola County CSCD and Board of Judges on August 29, 2018.
- (2)Approve the 2019 Drug Court Budget Amendment #1.
- (3)Approve the Panola County CSCD Proposed FY-2019 Program #900 Basic Supervision Budget adjustment #1

WITNESS THE HAND OF THE UNDERSIGNED CLERK ON THIS THE A.M./1.M)

BOBBIE DAVIS, COUNTY CLERK PANOLA COUNTY, TEXAS

MINUTES

OPEN MEETING OF THE PANOLA COUNTY COMMUNITY SUPERVISION AND CORRECTIONS DEPARTMENT (CSCD) AND BOARD OF JUDGES

A meeting of the Panola County Community Supervision and Corrections Department and the Board of Judges was called to order by the 123rd Judicial District Judge LeAnn Kay Rafferty, at 9:30 A.M. on the 29th day of August, 2018, at The Panola County Courthouse Judicial Annex, 110 S. Sycamore St., Carthage, Texas, in The 123Rd Judicial District CORD Courtroom, 123rd Judicial District Judge LeAnn Kay Rafferty presiding. IN MY OFFICE

AT 11:570'CLOCK	A	M
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Board of Judges In attendance:

Judge Terry Bailey, Panola County Court at Law

Judge LeAnn Kay Rafferty, 123RD Judicial District

nct 11 2018

Also in attendance:

Sidney Burns, Panola County Auditor / CSCD Fiscal Officer

Kerian Henderson, Panola County CSCD Director

BOBBIE DAVIS Jennifer Stacy, Panola County 1st Assistant Auditor/CSODTESCAL Officer

BY GGldman DEPUTY

Agenda Item 1

Motion by Judge Bailey, seconded by Judge Rafferty to approve the minutes of the open meeting held by the Panola County CSCD and Board of Judges on August 29, 2018. Motion carried with 2 ayes.

Agenda Item 2

Motion by Judge Bailey, seconded by Judge Rafferty to approve the appointment of Jennifer Stacy as Fiscal Officer of Panola County CSCD, effective September 1, 2018, due to the retirement of Sidney Burns, Panola County Auditor/Fiscal Officer. Motion carried with 2 ayes.

Agenda Item 3

Motion by Judge Bailey, seconded by Judge Rafferty to ratify the appointment of Jennifer Stacy as Financial Officer of Panola County Drug Court Grant, effective September 1, 2018, due to the retirement of Sidney Burns, Panola County Auditor/Fiscal Officer. Motion carried with 2 ayes.

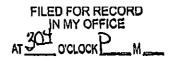
Agenda Item 4

Motion by Judge Bailey, seconded by Judge Rafferty to approve the Panola County CSCD Proposed FY-2018 Program #900 Basic Supervision Budget adjustment #3. Motion carried with 2 ayes.

The meeting was adjourned by Judge Rafferty at 9:55 A.M.

Submitted for approval by	Kerian Henderson, Panola Coun	ty CSCD Director
Approved on the	_day of	_2018.
Judge Terry Bailey, Pano	la County Court at Law	
Judge LeAnn Kay Raffert	y, 123 RD Judicial District	,

(cscd.budget.2018 & 2019 budgets minutes February 26, 2018)





PANOLA COUNTY DRUG COURT FY19 BUDGET AMENDMENT September 13, 2018

AUG 1 6 2018

BOBBIE DAVIS
GOUNTY CLERK, PANOLA COUNTY, TEXAS
BY DEPUTY

APPROVED 1/23/2018 0 7. FUNDS 94,905 CER 36,500 5,000 3,180 CE 12,120 9,970	AMENDMENT 8/21/2018 44,000 (94,905) (50,905) (24,958) (3,328) (2,169) (9,620)	FY 2019 AMENDED BUDGET 44,000 0 44,000 11,532 1,672 1,011	HILED FOR RECORD IN IMY OFFICE AT 11:58 O'CLOCK A M OCT 11 2018 BOBBIE DAVIS COUNTY CLERK, PANOLACOUNTY, TEXAS BY 66 James DEPUT
1/23/2018 0 7. FUNDS 94,905 94,905 CER 36,500 5,000 3,180 CE 12,120	8/21/2018 44,000 (94,905) [50,905) (24,958) (3,328) (2,169)	44,000 0 44,000 11,532 1,672	OCT 11 2018 BOBBIE DAVIS COUNTY CLERK, PANOLA COUNTY, TEXAS
7. FUNDS 94,905 94,905 CER 36,500 5,000 3,180 CE 12,120	(94,505) (50,905) (24,958) (3,328) (2,169)	0 44,000 11,532 1,672	BOBBIE DAVIS
7. FUNDS 94,905 94,905 CER 36,500 5,000 3,180 CE 12,120	(94,505) (50,905) (24,958) (3,328) (2,169)	0 44,000 11,532 1,672	BOBBIE DAVIS
94,905 CER 36,500 5,000 3,180 CE 12,120	(50,905) (24,958) (3,328) (2,169)	44,000 11,532 1,672	BOBBIE DAVIS
S,000 3,180 CE 12,120	(24,958) (3,328) (2,169)	11,532 1,672	COUNTY CLERK, PANOLA COUNTY, TEXAS
5,000 3,180 CE 12,120	(3,328) (2,169)	1,672	COUNTY CLERK, PANOLA COUNTY, TEXAS
5,000 3,180 CE 12,120	(3,328) (2,169)	1,672	
3,180 CE 12,120	(2,169)	•	HY / - 3
CE 12,120	• • • •	4,014	H. Tribert
	intent	2,500	
9.970	(5,800)	3,170	
NSATION 1,250	(975)	275	
BENEFITS 260	[190]	70	
G 2,500	(2,500)	a	
SELORS 17,000	0	17.000	
625	0	625	
500	(355)	145	
6,000	0	6,000	
94,905	(50,905)	44,000	e.
1)	625 500 6,000	625 0 500 (355) 6,000 0	625 0 625 500 (355) 145 6,000 0 6,000

FILED FOR RECORD IN MY OFFICE

TEXAS DEPARTMENT OF CRIMINAL JUSTICE AT [1:57 O'CLOCK A M _ M _ COMMUNITY JUSTICE ASSISTANCE DIVISION

BUDGET ADJUSTMENT REQUEST

OCT 11 2018

Chief County:

PANOLA

Program Title AND ID Number:

BASIC SUPERVISION ID # 900

Funding Source:

BS

Adjustment Number:

1

2019

This budget adjustment has been approved in accordance with the adopted budget approval procedures established by the local judges responsible for the CSCD's budget/budget adjustments, which is in compliance with the Open Meetings Act, Government Code 551 and Government Code 76.002 (a).

Kerian Henderson

CSCD Director (Print Name)		
CSCD Director (Signature)	Date	
Budget/Adjustment Endorsements:		
Judge Terry Bailey, Panola County Court at Law		
Judge LeAnn Kay Rafferty, 123 RD Judicial District		

TEXAS DEPARTMENT OF CRIMINAL JUSTICE

Community Justice Assistance Division Budget Adjustment - Fiscal Year 2019 Date Received: 10/9/2018

APPROVED BY:	DATE APPROVED:
Nancy Espinoza, TDCJ-CJAD Budget Director	

CSCD: Panola	Year: 2019	ADJ#: l	Program: 900 - Basic Supervision			Funding Type: BS	C	Other Funding: None	
REVEN	UE:	• •	-	A	PPROVED		ADJ REQ		TOTAL
TDCJ-CJ	AD Fund	ing (State Aid)		\$	103,848	\$	-4,549	\$	99,299
SAFPF P	ayments (Basic Supervis	ion Only)	\$	300	\$ [1,137	\$	1,437
Communi	ity Superv	vision Fees Col	lected	\$	160,000	\$ <u> </u>	0	\$	160,000
Payments	By Progr	ram Participant	S	\$	15,000	\$ 🗆	0	\$	15,000
Interest Ir	ncome (B	asic Supervisio	n Only)	\$	200	\$	0	\$	200
Carry Ov	er from P	revious Fiscal `	Year	\$	19,740	\$	110,674	s	130,414
Other Rev	venue			\$	0	\$	0	\$	0
Basic Sup	ervision	Interfund Trans	fer	\$	0	\$ <u></u>	0	\$	0
CCP Inte	rfund Tra	nsfer		s	0	\$	0	s	0
TOTAL	REVE	NUE:		\$[299,088	\$	107,262	\$	406,350

EXPENDITURES:	APPROVED	ADJ REQ	TOTAL
Salaries/Fringe Benefits	\$ 220,171	\$ 18,257	\$ 238,428
- Full Time Salaries			
- Part Time Salaries			
- Fringe Benefits			
Travel/Furnished Transportation	\$ 15,288	\$ -953	\$ 14,335
Contract Services for Offenders	\$ 1,200	\$ 12,000	\$ 13,200
Professional Fees	\$ 18,429	\$ 200	\$ 18,629
Supplies & Operating Expenses	\$ 39,500	\$ 73,508	\$ 113,008
Facilities	\$ 0	\$ 0	\$ 0
Utilities	\$ 2,000	\$ 2,800	\$ 4,800
Equipment	\$ 2,500	\$ 1,450	\$ 3,950
TOTAL EXPENDITURES:	\$ 299,088	\$ 107,262	\$ 406,350

Section 2 - Payments by Program Participants

GRAND TOTALS	\$15,000	\$0	\$15,000
ltem	Current	Requested	Adjusted
Urinalysis Testing	5,000	0	5,000
SASSI	10,000	0	10,000

Section 6 - Full Time Salaries

GRAND TOTALS		\$155,000	\$13,170	\$168,170
Position Title	% Time	Current	Requested	Adjusted
Adm. Support (Clerical)	100	33,000	0	33,000
Adm. Support (Clerical)	100	0	21,200	21,200
CSCD Director	100	49,500	0	49,500
CSO I - Entry Level	100	35,000	-31,000	4,000
CSO I - Entry Level	100	0	22,970	22,970
CSO IV	100	37,500	0	37,500

Section 8 - Fringe Benefits

GRAND TOTALS		\$65,171	\$5,087	\$70,258
Position Title	% Time	Current	Requested	Adjusted
FICA Matching	7.65%	11,860	1,165	13,025
Retiree insurance w/6% increase	1136.46 per mon	15,300	0	15,300
Retirement	24.02%	37,235	3,848	41,083
Unemployment	.005%	776	74	850

Section 9 - Travel/Furnished Transportation

GRAND TOTALS		\$15,288	(\$953)	\$14,335
Position Title	% Time	Current	Requested	Adjusted
Fuel	Not Specified	3,500	-1,500	2,000
Per Diem	Not Specified	6,500	0	6,500
Vehicle Insurance	Per Year	3,788	-2,000	1,788
Vehicle Maintenance	Not Specified	1,500	2,547	4,047

Section 10 - Contract Services for Offenders

GRAND TOTALS		\$1,200	\$12,000	\$13,200			
Provider Name	Type of Service	Quantity	Unit	Rate	Current	Requested	Adjusted
Urquhart, LLC dba Fire & Safety	Urinalysis Testing	60	each	20.00	1,200	500	1,700
		41	each	50.00	0	2,050	2,050

Richard Burnett	Counseling - Substance - Abuse Group	_			:		
Richard Burnett	Counseling - Subst. Abuse - Individual	378	each	25.00	0	9,450	9,450

Section 11 - Professional Fees

GRAND TOTALS	<u> </u>	\$18,429	\$200	\$18,629
Position Title	% Time	Current	Requested	Adjusted
CSTS	\$100 per month	1,200	0	1,200
Employment Ad	\$150 Per Ad	300	200	500
Fiscal Service Fee	.0075	779	0	779
Independent Audit	FY18	5,000	0	5,000
Legal/Attorney Fees	Not Specified	1,000	0	1,000
Liability And Bond Insurance	Per Year	7,650	0	7,650
Training and Registration Fees	FY18	2,500	0	2,500

Section 12 - Supplies & Operating Expenses

GRAND TOTALS		\$39,500	\$73,508	\$113,008
Position Title	% Time	Current	Requested	Adjusted
Ammunition for Practice/Training	Estimate	0	500	500
Computer Supplies & Dong: Maintenance	Estimate	2,000	1,000	3,000
Corrections Software	796 per month	9,552	0	9,552
Name Plates, ID, Badges	Estimate	0	100	100
Office Supplies	FY18	5,000	0	5,000
UA Supplies	\$6/13 Panel	2,000	1,500	3,500
Unbudgeted	Not Specified	20,948	68,908	89,856
Uniformes	Estimate	0	1,500	1,500

Section 14 - Utilities

GRAND TOTALS		\$2,000	\$2,800	\$4,800
Position Title	% Time	Current	Requested	Adjusted
Cell Phone Services	\$300 per month	800	2,800	3,600
Internet Services	83.00 per month	1,000	0	1,000
Long Distance	FY18	200	0	200

Section 15 - Equipment

GRAND TOTALS		\$2,500	\$1,450	\$3,950
Position Title	% Time	Current	Requested	Adjusted
		· · · · · · · · · · · · · · · · · · ·		

Camera	200	0	200	200
Computer Equipment	Estimate	0	1,000	1,000
Radio Batteries	5 @ 130	0	650	650
Xerox Copier	175 per month	2,500	-400	2,100

Section 16 - Vehicle Inventory

Make	Model	VIN	Year	Mileage
Chevrolet	Traverse	1GNLVEED6AS109714	2010	0
Chevrolet	Tahoe	1GNSK2E05ER171487	2014	0
Ford	Explorer	1FM5K8AR8FGB61428	2015	0
GMC	Sierra	2GTEC19T8Y1404146	2000	0

PANOLA COUNTY OFFICIAL/EMPLOYED REQUEST FOR ATTENDANCE AT A CONFERENCE County Judge

Lee An

NAME:

David A Gray

POSITION:

Justice of the Peace Pct 1 and 4

DEPARTMENT:

Justice of the Peace Pct 1 and 4

DATE:

October 3, 2018

CONFERENCE:

East Texas Justice of the Peace and Constables Association

LOCATION:

Marshall, Texas

DATE:

November 8, 2018

NUMBER OF DAYS OUT OF OFFICE FOR THIS CONFERENCE: 1

Does the conference meet your educational requirement for the year? Yes

If not, how much of your requirements will be met by this conference? How much of your requirements have been met already, not counting this conference?

Minimum 20 hours have been met.

How many days have you been away from your job this year for conferences, not counting this conference? 9

Do you have sufficient funds in your budget for this conference? Yes

Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)

I will acquire training to effectively conduct my duties as a Judge. The East Texas JP and Constables Association always has excellent opportunities for Judges to exchange information concerning our duties to make us better judges.

PANOLA COUNTY OFFICIAL/EMPLOYEE REQUEST FOR ATTENDANCE AT A CONFERENCE

10-16-2018 Lee Ann Jones,

APPROVED*

County Judge

NAME:	Pobble Davis
POSITION:	County Clenk
DEPARTMENT:	County Clerk
DATE:	10/3/18
CONFERENCE:	64th Annual Texas Vital Statistics Conference
LOCATION:	Austin, Texas
DATES:	December 10,2018 to December 12,2018
NUMBER OF DAY	'S OUT OF OFFICE FOR THIS CONFERENCE:
Does the conferer	nce meet your educational requirements for the year? 105
If not, how much o	f your requirements will be met by this conference?
How much of your	requirements have been met already, not counting this conference?
	hours
How many days h	ave you been away from your job this year for conferences, not
counting this conference? 9 Days	
Do you have sufficient funds in your budget for this conference?	
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)	
This confi	erence will provide training on birth
and death	registration, as well as information
	ew state software for processing
	and death records.

APPROVED-

10-16-2018

PANOLA COUNTY OFFICIAL/EMPLOYEE REQUEST FOR ATTENDANCE AT A CONFERENCE

County Judge

NAME:	Pobble Davis
POSITION:	County Clerk.
DEPARTMENT:	County Clerk
DATE:	10(3/18
CONFERENCE:	County & District Clerks of TX Winter Conferen
LOCATION:	San Marcos, TX
DATES:	January 28, 2019 to January 31, 2019
NUMBER OF DAY	SOUT OF OFFICE FOR THIS CONFERENCE:
	nce meet your educational requirements for the year?
If not, how much o	of your requirements will be met by this conference? approx 15-20 hou
How much of your	requirements have been met already, not counting this conference?
0 hour	3 for 2019
How many days have you been away from your job this year for conferences, not counting this conference?	
	cient funds in your budget for this conference?
Write a short statement explaining the public purpose that will be met by your	
attendance at this	conference: (continue on the back if necessary.)
This confer	rence will provide necessary training
on curren	nt issues relevant to County Clenes
	tate, and provide required continuing
education	

APPROVED 10–16-2018

Lee Ann Jones, County Judge

NAME:	Charles Blue
POSITION:	DEPUTY CONSTABLE
DEPARTMENT:	CONSTABLE 2 5 3
DATE:	10-5-18
CONFERENCE:	De-escalation Techniques P.C. S.D.
DATES:	Oct 23 to
NUMBER OF DAY	S OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	ce meet your educational requirements for the year?
If not, how much of	your requirements will be met by this conference?
How much of your i	requirements have been met already, not counting this conference?
How many days ha counting this confe	ve you been away from your job this year for conferences, not rence?
Do you have suffici	ent funds in your budget for this conference?
	nent explaining the public purpose that will be met by your conference: (continue on the back if necessary.)
Officer	Safety
8	

Lee

APPROVED 10–16-2018

> Lee Ann Jones, County Judge

NAME:	Mather Boules	
POSITION:	Telecommunicator	
DEPARTMENT:	Panda County	
DATE:	8118101	
CONFERENCE:	De Esculation # 1849	
LOCATION:	PCSO	
DATES:	10/23/18 to 10-23.18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	meet your educational requirements for the year?NO	
	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regi	werment for license	
0		

APPROVED 10–16-2018

1

County Judge

NAME:	Shelly Avery	
POSITION:	Detention Officer	
DEPARTMENT:	Panola Country	
DATE:	10/8/18	
CONFERENCE:	mental Health for Jailers	
LOCATION:	PCSO PCSO	
DATES:	10/11/18 10/11/18	
NUMBER OF DAY	S OUT OF OFFICE FOR THIS CONFERENCE:NONE	
Does the conferen	ce meet your educational requirements for the year?	
If not, how much of	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have suffici	ent funds in your budget for this conference?	
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
	^	
Requ	irement for Licence	

APPROVED 10–16-2018

Lee Ann Jones, County Judge

NAME:	Shally Avery	
POSITION:	Returition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO	
DATES:	10/25/18 to 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	e meet your educational requirements for the year?	
	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requirement for Licence		

NAME:	Jared Bailey	
POSITION:	Detention Officel	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
CONFERENCE:	mental Health for Jailers	
LOCATION:	PCSO	
DATES:	10/9/18 10/9/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference meet your educational requirements for the year?NO		
If not, how much of your requirements will be met by this conference?		
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requirement for License		
0		

PANOLA COUNTY OFFICIAL/EMPLOYEE REQUEST FOR ATTENDANCE AT A CONFERENCE

NAME:	Jared Bailey	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
	•	
CONFERENCE:	De-Escalation #1849	
LOCATION:	PCSO PCSO	
DATES:	10/23/18 to 10/23/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference	e meet your educational requirements for the year?NO	
If not, how much of y	your requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
How many days have counting this confere	e you been away from your job this year for conferences, not ence?	
Do you have sufficie	nt funds in your budget for this conference?	
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regu	vernent for license	

APPROVED

10-16-2018

Lee Ann Jones, County Judge

NAME:	Colby Baker	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO PCSO	
DATES:	10/25/18 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	e meet your educational requirements for the year?NO	
If not, how much of your requirements will be met by this conference?		
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regin	rement for Licence	
δ		

APPROVED 10–16-2018

> Lee Ann Jones, County Judge

NAME:	Gary Beatriz	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	1018/18	
CONFERENCE:	mental Health for Jailles	
LOCATION:	PCSO	
DATES:	10/9/18 10/9/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	meet your educational requirements for the year?NO	
If not, how much of your requirements will be met by this conference?		
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requirement for License		
0		

NAME:	Gary Blatriz	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation #1849	
LOCATION:	PCSO	
DATES:	10/23/18 to 10/23/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference	meet your educational requirements for the year?	
If not, how much of y	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requirement for license		
0		

NAME:	Primo Del Castillo	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
	•	
CONFERENCE:	De-Escalation #1849	
LOCATION:	PCSO PCSO	
DATES:	10/23/18 10/23/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference	meet your educational requirements for the year?NO	
If not, how much of y	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficie	nt funds in your budget for this conference?	
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regu	vernent for license	
0		

NAME:	Ronnie Endsley	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
CONFERENCE:	mental Health for Jailers	
LOCATION:	PCSO	
DATES:	81/11/01 to 10/11/01	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference meet your educational requirements for the year?		
	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requi	rement for Licence	
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APPROVED 10–16-2018

Lee Ann Jones, County Judge

NAME:	Konnu Endsley	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO PCSO	
DATES:	10/a5/18 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	e meet your educational requirements for the year?	
	your requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficie	nt funds in your budget for this conference?	
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regiu	rement for licence	
δ		
,		

NAME:	Ashley Esquivel	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO	
DATES:	10/25/18 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference	meet your educational requirements for the year?	
	rour requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficien	nt funds in your budget for this conference?	
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regin	rement for Licence	
0		

APPROVED 10–16-2018

> Lee Ann Jones, County Judge

Stephen bille		
Deterition Officer		
Panda County		
10/8/18		
•		
De-Escalation # 1849		
PCSO		
10/25/18 10/25/18		
OUT OF OFFICE FOR THIS CONFERENCE: NONE		
meet your educational requirements for the year?NO		
If not, how much of your requirements will be met by this conference?		
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
rement for Licence		

PANOLA COUNTY OFFICIAL/EMPLOYEE REQUEST FOR ATTENDANCE AT A CONFERENCE

Breed St.

NAME:	Heather Green	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation #1849	
LOCATION:	PCSO PCSO	
DATES:	10/23/18 10/23/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference meet your educational requirements for the year?NO		
If not, how much of	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requirement for License		
U		

APPROVED 10–16–2018

> Lee Ann Jones, County Judge

NAME:	Haley Grimsley	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
	•	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO PCSO	
DATES:	10/25/18 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	e meet your educational requirements for the year?	
	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regu	rement for licence	
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Lee Ann Jones, County Judge

NAME:	Christopher Hansen
POSITION:	Detention Officel
DEPARTMENT:	Panola County
DATE:	1018/18
CONFERENCE:	mental Health for Joules
LOCATION:	PCSD PCSD
DATES:	10/9/18 to 10/9/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
Does the conference	e meet your educational requirements for the year?NO
	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
	e you been away from your job this year for conferences, not ence?
Do you have sufficie	nt funds in your budget for this conference?
	ent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Reguir	ement for License
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APPROVED

10-16-2018

Lee Ann Jones, County Judge

NAME:	Christopher Hanson
POSITION:	Detention Officer
DEPARTMENT:	Panola County
DATE:	10/8/18
	•
CONFERENCE:	De-Escalation #1849
LOCATION:	PCSO PCSO
DATES:	10/23/18 10/23/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
	e meet your educational requirements for the year?NO
If not, how much of	your requirements will be met by this conference?
How much of your r	equirements have been met already, not counting this conference?
How many days hav	re you been away from your job this year for conferences, not ence?
Do you have sufficie	ent funds in your budget for this conference?
	nent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Regu	erement for license

NAME:	Styphen Wing
POSITION:	Detention Officer
DEPARTMENT:	Panola County
DATE:	10/8/18
CONFERENCE:	mental Health for Jailers
LOCATION:	PCSO
DATES:	81/11/01 to 10/11/18
NUMBER OF DAY	S OUT OF OFFICE FOR THIS CONFERENCE: NONE
Does the conferen	ce meet your educational requirements for the year? ND
If not, how much of	your requirements will be met by this conference?
How much of your	requirements have been met already, not counting this conference?
How many days ha counting this confe	ve you been away from your job this year for conferences, not rence?
Do you have suffici	ent funds in your budget for this conference?
Write a short stater	ment explaining the public purpose that will be met by your conference: (continue on the back if necessary.)
Requ	irement for Licence
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NAME:	Styphen Long
POSITION:	Deterition Officer
DEPARTMENT:	Panda County
DATE:	10/8/18
	•
CONFERENCE:	De-Escalation # 1849
LOCATION:	PCSO
DATES:	10/25/18 10/25/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
	e meet your educational requirements for the year?
	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
How many days hav counting this confere	e you been away from your job this year for conferences, not
Do you have sufficie	nt funds in your budget for this conference?
Write a short statem	ent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Regiu	rement for License
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Lee Ann Jones, County Judge

NAME:	Christina Lyles
POSITION:	Detention Officel
DEPARTMENT:	Panola County
DATE:	1018/18
CONFERENCE:	mental Health for Jailers
LOCATION:	PCSD
DATES:	10/9/18 10/9/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
	e meet your educational requirements for the year?NO
	your requirements will be met by this conference?
How much of your r	equirements have been met already, not counting this conference?
	re you been away from your job this year for conferences, not ence?
Do you have sufficie	ent funds in your budget for this conference?
Write a short statem	nent explaining the public purpose that will be met by your conference: (continue on the back if necessary.)
Reguir	ement for License
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APPROVED 10-16-2018 Tele ann

> Lee Ann Jones, County Judge

NAME:	Christina Lyles
POSITION:	Detention Officer
DEPARTMENT:	Panola County
DATE:	10/8/18
CONFERENCE:	De-Escalation #1849
LOCATION:	PCSO PCSO
DATES:	10/23/18 10/23/18
NUMBER OF DAY	S OUT OF OFFICE FOR THIS CONFERENCE: NONE
	be meet your educational requirements for the year?NO
If not, how much of	your requirements will be met by this conference?
How much of your r	requirements have been met already, not counting this conference?
How many days have counting this confer	ve you been away from your job this year for conferences, not ence?
Do you have sufficie	ent funds in your budget for this conference?
Write a short staten	nent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Reau	exement for license

Lee Ann Jones, County Judge

NAME:	Willian Magness, Ir.
POSITION:	Patrol #368
DEPARTMENT:	PCSO
DATE:	03 Oct 18
CONFERENCE:	Eurading Honesty #77264
LOCATION:	OSS online
DATES:	to
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	e meet your educational requirements for the year?
If not, how much of y	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
_8	
How many days have counting this confere	e you been away from your job this year for conferences, not noe?
Do you have sufficier	nt funds in your budget for this conference?
Write a short stateme attendance at this co	ent explaining the public purpose that will be met by your nference: (continue on the back if necessary.)
Improved	ability to detect dishenesty in
Rosberg	•

NAME:	William Magness, Ir.
POSITION:	Paral #368
DEPARTMENT:	PCSO
DATE:	03 CCT 18
CONFERENCE:	Smogglers In # 77266
LOCATION:	Smoggler's In # 77266 Oss online
DATES:	to
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	e meet your educational requirements for the year? No
If not, how much of	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
8	
	e you been away from your job this year for conferences, not ence?
Do you have sufficie	nt funds in your budget for this conference?
	ent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Develop	skill set necessary to properly
identify a	nd apprehend singling operators
in transit	ţ

NAME:	Shakami Manning
POSITION:	Detention Offices
DEPARTMENT:	Panola County
DATE:	10/8/18
CONFERENCE:	mental Health for Jailers
LOCATION:	PCSO
DATES:	10/9/18 10/9/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
	meet your educational requirements for the year?NO
	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
How many days have counting this confere	e you been away from your job this year for conferences, not ence?
Do you have sufficien	nt funds in your budget for this conference?
	ent explaining the public purpose that will be met by your inference: (continue on the back if necessary.)
Reguir	ement for License
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Lee Ann Jones, County Judge

PANOLA COUNTY OFFICIAL/EMPLOYEE REQUEST FOR ATTENDANCE AT A CONFERENCE

entre (2)

NAME:	Tabitha Waitingers
POSITION:	Detention Officel
DEPARTMENT:	Panola County
DATE:	1018/18
CONFERENCE:	mental Health for Joules
LOCATION:	PCSD
DATES:	10/9/18 10/9/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
	e meet your educational requirements for the year? NO
If not, how much of y	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
How many days hav counting this confere	e you been away from your job this year for conferences, not
Do you have sufficie	nt funds in your budget for this conference?
	ent explaining the public purpose that will be met by your preference: (continue on the back if necessary.)
Reguir	ement for License
U	

Lee Ann Jones, County Judge

NAME:	Tabitha Martinez
POSITION:	Deterition Officer
DEPARTMENT:	Panda County
DATE:	10/8/18
CONFERENCE:	De-Escalation # 1849
LOCATION:	PCSO
DATES:	10/a5/18 to 10/05/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
	meet your educational requirements for the year?
	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
How many days have	e you been away from your job this year for conferences, not
counting this confere	144.5
Do you have sufficie	nt funds in your budget for this conference?
	ent explaining the public purpose that will be met by your inference: (continue on the back if necessary.)
Regiu	rement for Licence
δ	

NAME:	lina Mynulben
POSITION:	Detention Officer
DEPARTMENT:	Panola County
DATE:	10/8/18
CONFERENCE:	mental Health for Jailers
LOCATION:	PCSO
DATES:	10/11/18 10/11/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
Does the conference	e meet your educational requirements for the year? ND
	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
How many days hav	re you been away from your job this year for conferences, not ence?
Do you have sufficie	ant funds in your budget for this conference?
Write a short statem	ent funds in your budget for this conference? Hent explaining the public purpose that will be met by your conference: (continue on the back if necessary.)
Write a short statem attendance at this co	nent explaining the public purpose that will be met by your conference: (continue on the back if necessary.)
Write a short statem attendance at this co	nent explaining the public purpose that will be met by your conference: (continue on the back if necessary.)
Write a short statem attendance at this co	nent explaining the public purpose that will be met by your

> Lee Ann Jones, County Judge

NAME:	Tina mmullen	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation #1849	
LOCATION:	PCSO PCSO	
DATES:	10/23/18 10/23/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	e meet your educational requirements for the year?NO	
If not, how much of	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference? Do you have sufficient funds in your budget for this conference? Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		

NAME:	Colton Maur	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO	
DATES:	10/a5/18 to 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	meet your educational requirements for the year?	
	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your		
attendance at this co	onference: (continue on the back if necessary.)	
Regin	rement for licence	
δ		

NAME:	Holle Mojica	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO PCSO	
DATES:	10/a5/18 to 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference	e meet your educational requirements for the year?	
	your requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
How many days have counting this confere	e you been away from your job this year for conferences, not	
Do you have sufficient funds in your budget for this conference?		
Write a short statem	ent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)	
Regiu	rement for Licence	
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APPROVED 10916-2018

> Lee Ann Jones, County Judge

NAME:	Nikki moore
POSITION:	Detention Officer
DEPARTMENT:	Panda County
DATE:	10/8/18
CONFERENCE:	mertal Health for Jailers
LOCATION:	PCSD
DATES:	10/9/18 10/9/18
NUMBER OF DAYS	SOUT OF OFFICE FOR THIS CONFERENCE: NONE
Does the conference	e meet your educational requirements for the year?NO
If not, how much of	your requirements will be met by this conference?
How much of your r	equirements have been met already, not counting this conference?
counting this confer Do you have sufficient Write a short statem	re you been away from your job this year for conferences, not ence? ent funds in your budget for this conference? ment explaining the public purpose that will be met by your conference: (continue on the back if necessary.) ment funds in your budget for this conference? Market State S

NAME:	Nikk, moore	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation #1849	
LOCATION:	PCSO PCSO	
DATES:	10/23/18 10/23/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference	e meet your educational requirements for the year?NO	
If not, how much of y	your requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requirement for license		

APPROVED

10-16-2018

Lee Ann Jones, County Judge

NAME:	Kans Mullins	
POSITION:	Detention Officel	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
CONFERENCE:	mental Health for Jailers	
LOCATION:	PCSD PCSD	
DATES:	10/9/18 10/9/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	e meet your educational requirements for the year?NO	
	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Reguir	ement for License	
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NAME:	Kans Mullins	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
	•	
CONFERENCE:	De-Escalation #1849	
LOCATION:	PCSO PCSO	
DATES:	10/23/18 to 10/23/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
Does the conference	e meet your educational requirements for the year?NO	
If not, how much of y	your requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
How many days have counting this confere	e you been away from your job this year for conferences, not ence?	
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regu	rement for license	
>		

> Lee Ann Jones, County Judge

NAME:	Karen Naylor	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
	10/8/18	
DATE:	1010116	
CONFERENCE:	mental Health for Jailers	
LOCATION:	Prsn	
DATES:	10/11/18 10/11/18	
NUMBER OF DAYS	SOUT OF OFFICE FOR THIS CONFERENCE:NONE	
	e meet your educational requirements for the year?	
	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requirement for Licence		
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> Lee Ann Jones, County Judge

NAME:	Karen Naylor	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO	
DATES:	10/25/18 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	e meet your educational requirements for the year?NO	
If not, how much of	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days hav counting this conference	e you been away from your job this year for conferences, not	
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regin	rement for Licence	
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NAME:	Kassi Drbaugh		
POSITION:	Detention Officer		
DEPARTMENT:	Panola County		
DATE:	10/8/18		
CONFERENCE:	De-Escalation #1849		
LOCATION:	PCSO		
DATES:	10/23/18 to 10/23/18		
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE		
Does the conference	meet your educational requirements for the year?NO		
If not, how much of y	your requirements will be met by this conference?		
How much of your re	equirements have been met already, not counting this conference?		
How many days have counting this confere	e you been away from your job this year for conferences, not ence?		
Do you have sufficien	Do you have sufficient funds in your budget for this conference?		
	ent explaining the public purpose that will be met by your inference: (continue on the back if necessary.)		
Regu	vernent for license		
0			

Lee Ann Jones, County Judge

NAME:	Terin Ratcliff	
POSITION:	Detention Officer	
DEPARTMENT:	Panola County	
DATE:	10/8/18	
CONFERENCE:	mental Health for Jailers	
LOCATION:	PCSO	
DATES:	10/11/18 10/11/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	e meet your educational requirements for the year?ND	
If not, how much of	your requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have you been away from your job this year for conferences, not counting this conference?		
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Requirement for Licence		
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Lee Ann Jones, County Judge

NAME:	Tevin Katclift	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
	•	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO	
DATES:	10/25/18 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	meet your educational requirements for the year?NO	
	your requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
How many days have counting this confere	e you been away from your job this year for conferences, not ence?	
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Regu	rement for Licence	
0		

NAME:	Dalton Tourner	
POSITION:	Deterition Officer	
DEPARTMENT:	Panda County	
DATE:	10/8/18	
	•	
CONFERENCE:	De-Escalation # 1849	
LOCATION:	PCSO	
DATES:	10/25/18 6 10/25/18	
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE	
	meet your educational requirements for the year?	
	our requirements will be met by this conference?	
How much of your requirements have been met already, not counting this conference?		
How many days have counting this confere	e you been away from your job this year for conferences, not noe?	
Do you have sufficier	nt funds in your budget for this conference?	
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
	A	
Regin	rement for Licence	
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NAME:	Garrett Wallace	
POSITION:	Detention Officel	
DEPARTMENT:	Panola County	
DATE:	1018/18	
CONFERENCE:	Mental Health for Jailles	
LOCATION:	PCSO	
DATES:	10/9/18 10/9/18	
NUMBER OF DAYS OUT OF OFFICE FOR THIS CONFERENCE: NONE		
	meet your educational requirements for the year? NO	
	your requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
How many days have counting this confere	e you been away from your job this year for conferences, not ence?	
Do you have sufficient funds in your budget for this conference?		
	ent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)	
Reguir	ement for License	
0		
engangang pangkalah selatan se		

NAME:	Garrett Wallace
POSITION:	Detertion Officer
DEPARTMENT:	Panda County
DATE:	10/8/18
D/11 L.	
CONFERENCE:	De-Escalation # 1849
LOCATION:	PCSO
DATES:	10/a5/18 6 10/25/18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE
	e meet your educational requirements for the year?NO
	your requirements will be met by this conference?
How much of your re	equirements have been met already, not counting this conference?
	e you been away from your job this year for conferences, not ence?
Do you have sufficie	ent funds in your budget for this conference?
Write a short statem	ent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Regu	rement for Licence
0	

> Lee Ann Jones, County Judge

NAME:	Joyce Wilder
POSITION:	Detention Officer
DEPARTMENT:	Panola County Shery
DATE:	10/8/18
CONFERENCE:	Mental Health for Jailers
LOCATION:	PCSO
DATES:	10/9/18 10/9/18
NUMBER OF DAYS	SOUT OF OFFICE FOR THIS CONFERENCE: NONE
	e meet your educational requirements for the year?NO
If not, how much of	your requirements will be met by this conference?
	equirements have been met already, not counting this conference?
	ve you been away from your job this year for conferences, not ence?
Do you have sufficie	ent funds in your budget for this conference?
Write a short statem	nent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Regu	rement for License
	U

> Lee Ann Jones, County Judge

NAME:	Joyce Wilder		
POSITION:	Detention Officer		
DEPARTMENT:	Panola County		
DATE:	10/8/18		
CONFERENCE:	De-Escalation #1849		
LOCATION:	PCSO		
DATES:	10/23/18 to 10/23/18		
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE: NONE		
	e meet your educational requirements for the year?NO		
If not, how much of y	your requirements will be met by this conference?		
How much of your requirements have been met already, not counting this conference?			
counting this confere			
Do you have sufficient funds in your budget for this conference?			
	ent explaining the public purpose that will be met by your inference: (continue on the back if necessary.)		
Requi	vernent for license		
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Lee Ann Jones, County Judge

NAME:	Travis Curry
POSITION:	Deputy
DEPARTMENT:	Panola County Sheriff's Office
DATE:	29-25-18 Commonwer
CONFERENCE:	De- escalation Techniques # 1849
LOCATION:	De-escalation Techniques #1849 Panola County Shevitt's Office
DATES:	10-25-18 to 10-25-18
NUMBER OF DAY	S OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	ce meet your educational requirements for the year?
If not, how much of	your requirements will be met by this conference?
How much of your r	requirements have been met already, not counting this conference?
24	
How many days have counting this confer	ve you been away from your job this year for conferences, not ence?3
Do you have sufficie	ent funds in your budget for this conference?
Write a short statem attendance at this c	nent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Required	training
s den sk	

Lee Ann Jones, County Judge

NAME:	Chris Dickerson	
POSITION:	Deputy	
DEPARTMENT:	Panola County Sheriff's Office	
DATE:	9-25-18	
CONFERENCE:	De- escalation Techniques #1849	
LOCATION:	De-Escalation Techniques #1849 Panola County Shevitt's Office	
DATES:	10-25-18 to 10-25-18	
NUMBER OF DAYS OUT OF OFFICE FOR THIS CONFERENCE:		
Does the conference	e meet your educational requirements for the year?/\(\) 6	
If not, how much of y	rour requirements will be met by this conference?	
How much of your re	quirements have been met already, not counting this conference?	
24		
How many days have counting this confere	e you been away from your job this year for conferences, not nce?3	
Do you have sufficier	nt funds in your budget for this conference?	
Write a short statement attendance at this co	ent explaining the public purpose that will be met by your nference: (continue on the back if necessary.)	
Required	training	

NAME:	Kobert Duncan
POSITION:	Deputy
DEPARTMENT:	Panola County Sheriff's Office
DATE:	9-25-18
CONFERENCE:	De-escalation Techniques #1849 Panola County Shevitt's Office
LOCATION:	Panola County Sheriff's Office
DATES:	10-23-18 to 10-23-18
NUMBER OF DAY	S OUT OF OFFICE FOR THIS CONFERENCE:
Does the conferen	ce meet your educational requirements for the year?
If not, how much of	your requirements will be met by this conference?
	requirements have been met already, not counting this conference?
	ve you been away from your job this year for conferences, not rence?3
Do you have suffici	ent funds in your budget for this conference? Yes
	ment explaining the public purpose that will be met by your conference: (continue on the back if necessary.)
Required	training
7	

Lee Ann Jones, County Judge

NAME:	Dames Ferris
POSITION:	Deputy
DEPARTMENT:	Panola County Sheriff's Office
DATE:	9-25-18
CONFERENCE:	De-escalation Techniques #1849 Panola County Shevitt's Office 10-25-18 to 10-25-18
LOCATION:	Panola County Sheritt's Office
DATES:	10-25-18 to 10-25-18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	e meet your educational requirements for the year?/\(\sigma \)
If not, how much of y	your requirements will be met by this conference?
	equirements have been met already, not counting this conference?
24	
How many days have counting this confere	e you been away from your job this year for conferences, not ence?3
Do you have sufficie	nt funds in your budget for this conference?
Write a short statement attendance at this co	ent explaining the public purpose that will be met by your inference: (continue on the back if necessary.)
· Required	training

Lee Ann Jones, County Judge

NAME:	Holam Jones
POSITION:	Deputy
DEPARTMENT:	Panola County Sheriff's Office
DATE:	9-25-18
CONFERENCE:	De-escalation Techniques #1849
LOCATION:	De-escalation Techniques #1849 Panola County Shevitt's Office
DATES:	10-23-18 to 10-23-18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE:
	e meet your educational requirements for the year?/J 6
	your requirements will be met by this conference?
	equirements have been met already, not counting this conference?
24	
	e you been away from your job this year for conferences, not ence?3
Do you have sufficie	ent funds in your budget for this conference?
Write a short statem	ent explaining the public purpose that will be met by your onference: (continue on the back if necessary.)
Required	training

Lee Ann Jones, County Judge

NAME:	Calahan N	lalone	
POSITION:	Deputy		
DEPARTMENT:	Panola Coun	ty Sheriff's Of	fice
DATE:	9-25-18		
	-/		
CONFERENCE:	De-escalutio	n Techniques	#1849
LOCATION:	Panola County	Sheviff's Office	1 A 182
DATES:	10-21-18	to 10-21-18	5 A V 1988
NUMBER OF DAYS	OUT OF OFFICE FOR T	HIS CONFERENCE:	8 NOV = 6
Does the conference	meet your educational re	equirements for the year?_	NG
If not, how much of ye	our requirements will be n	met by this conference?	8
How much of your red	quirements have been me	et already, not counting this	conference?
24			410
How many days have counting this conferen		r job this year for conferen	ces, not
Do you have sufficien	nt funds in your budget for	this conference? Yes	
Write a short stateme		urpose that will be met by	your
Required	training		
	,	1.00	
			9

> Lee Ann Jones, County Judge

Dett Markin
Deputy
Panola County Sheriff's Office
9-25-18
De- escalution Techniques #1849
Panola County Shevitt's Office
10-25-18 to 10-25-18
OUT OF OFFICE FOR THIS CONFERENCE:
meet your educational requirements for the year?
our requirements will be met by this conference?
quirements have been met already, not counting this conference?
e you been away from your job this year for conferences, not nce?3
nt funds in your budget for this conference?
ent explaining the public purpose that will be met by your nference: (continue on the back if necessary.)
training

NAME:	Richard Mojica	
POSITION:	DEPUH	
DEPARTMENT:	Panola County Sheriff's Office	
DATE:	9-25-18	
CONFERENCE:	De-escalation Techniques #1849	
LOCATION:	Panola County Sheviff's Office	
DATES:	10-23-18 to 10-23-18	
NUMBER OF DAYS OUT OF OFFICE FOR THIS CONFERENCE:		
Does the conference	e meet your educational requirements for the year?/\(\int G	
If not, how much of y	your requirements will be met by this conference?	
How much of your re	equirements have been met already, not counting this conference?	
24		
How many days have counting this confere	e you been away from your job this year for conferences, not ence?3	
Do you have sufficient funds in your budget for this conference?		
Write a short statement explaining the public purpose that will be met by your attendance at this conference: (continue on the back if necessary.)		
Required training		
20 ,		

NAME:	Jeveny Nagle
POSITION:	Deputy
DEPARTMENT:	Panola County Sheriff's Office
DATE:	9-25-18
CONFERENCE:	De-escalation Techniques #1849
LOCATION:	Panola County Sheritt's Office
DATES:	10-25-18 to 10-25-18
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	e meet your educational requirements for the year?/\(\int G\)
If not, how much of y	your requirements will be met by this conference?
How much of your re	quirements have been met already, not counting this conference?
24	
How many days have counting this confere	e you been away from your job this year for conferences, not ence?3
Do you have sufficier	nt funds in your budget for this conference?
	ent explaining the public purpose that will be met by your nference: (continue on the back if necessary.)
Required	training
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

APPROVED 10-16-2018

> Lee Ann Jones, County Judge

NAME:	Jake Sanford
POSITION:	Deputy
DEPARTMENT:	Panola County Sheriff's Office
DATE:	9-25-18
CONFERENCE:	De-escalation Techniques #1849
LOCATION	De-escalation Techniques #1849 Panola County Shevitt's Office
DATES:	10-25-18 to 10-25-18
NUMBER OF DAYS	S OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	ce meet your educational requirements for the year?
If not, how much of	your requirements will be met by this conference?
How much of your r	equirements have been met already, not counting this conference?
24	
How many days have counting this confer	ve you been away from your job this year for conferences, not ence?3
Do you have sufficie	ent funds in your budget for this conference?
Write a short statem attendance at this co	nent explaining the public purpose that will be met by your conference: (continue on the back if necessary.)
Required	training
t _vistings of the Code Code Code Free	
The state of the s	

> Lee Ann Jones, County Judge

NAME:	Brant Shrell	
POSITION:	Deputy	
DEPARTMENT:	Panola County Sheriff's Offi	ce
DATE:	9-25-18	
CONFERENCE:	De- escalation Techniques	#. 1849
LOCATION:	De-escalation Techniques Panola County Sheviff's Office	1 0
DATES:	10-23-18 to 10-23-18	1 5 1
NUMBER OF DAYS	SOUT OF OFFICE FOR THIS CONFERENCE:	
Does the conference	e meet your educational requirements for the year?	16
If not, how much of y	your requirements will be met by this conference?	8
How much of your re	equirements have been met already, not counting this co	onference?
24		V == 2 0 0 0 0 0
How many days have counting this confere	ve you been away from your job this year for conferences ence?3	s, not
Do you have sufficie	ent funds in your budget for this conference? \(\frac{\frac{1}{\ell \conference}}{\tau}\)	
	nent explaining the public purpose that will be met by you conference: (continue on the back if necessary.)	ır
Required training		
1		
		1 V 2 -

APPROVED

10-16-2018

REQUEST FOR ATTENDANCE AT A CONFERENCE County Judge

NAME:	Travis Wilson
POSITION:	Reserve Deputy
DEPARTMENT:	Patrol
DATE:	9.26-18
CONFERENCE:	Stop the blend
LOCATION:	ACSO
DATES:	10-8-18 to
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	meet your educational requirements for the year?
If not, how much of y	our requirements will be met by this conference?
How much of your re	quirements have been met already, not counting this conference?
26	K15
How many days have	you been away from your job this year for conferences, not nce?
Do you have sufficier	t funds in your budget for this conference?
Write a short stateme	nt explaining the public purpose that will be met by your nference: (continue on the back if necessary.)
how to use	tourniquets to stop/control blooding

10-16-2018

Lee Ann Jones, County Judge

NAME:	Travis wilson
POSITION:	Reserve Doputy
DEPARTMENT:	Patrol
DATE:	9-26-18
CONFERENCE:	De-escalation Techniques #1849
LOCATION:	PCSO
DATES:	10.23.18 to
NUMBER OF DAYS	OUT OF OFFICE FOR THIS CONFERENCE:
Does the conference	e meet your educational requirements for the year? For intermed ate
If not, how much of	your requirements will be met by this conference? Shis
How much of your re	equirements have been met already, not counting this conference?
How many days have	e you been away from your job this year for conferences, not ence?
Do you have sufficie	nt funds in your budget for this conference?
Write a short stateme attendance at this co	ent explaining the public purpose that will be met by your nference: (continue on the back if necessary.)
refund (loss for intermedate certificate

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10-16-2018

Lee Ann Jones, County Judge

NAME:	Vickie Lacy	
POSITION:	AG-NRCS, Agent	
DEPARTMENT:	Extension	
DATE:	October 10, 2018	
CONFERENCE:	Path to Plate Agent Media Training	
LOCATION:	Athens, Texas	
DATES:	November 14, 2018	
NUMBER OF DAYS	OUT OF THE OFFICE FOR THIS CONFERENCE: 1	
Does the conference	ce meet your education requirements for the year?	N/A
If not, how much o	of your requirements will be met by this conference?	N/A
	requirements have been met already, not counting this con	ference?
How many days had conference?	ive you been away from your job this year for conferences, r	not counting this
Do you have suffici	ient funds in your budget for this conference? Yes	
	ement explaining the public purpose that will be met by your nue on the back of necessary)	attendance at thi
Agent Med	dia Training and how it relates to the job at hand	
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EAST REGION

Path to the Plate Agent Media Training November 14, 2018 Freshwater Fisheries Center, Athens

9:30am-10:00	Participants Arrive/Registration
10:00-10:30	Welcome, regional/district business update and statement of purpose and training objectives - Regional and District Leadership
10:30-11:30	 Making the most out of a media interview Understand the needs of the news media. Understand how to use mass media to reach your audience. Logistics of preparing and conducting a media interaction/interview
11:30- 12:00pm	LUNCH
12:00-1:00	 Building your messaging What does Path to the Plate messaging look like Developing messaging on specific health, food and agricultural topics Demonstrate the ability to develop messages to effectively reach your audiences. Texas A&M AgriLife Extension resources to aid in interacting with the media and in identifying appropriate messaging
1:00-1:45	How to work with media outlets: the interviewer's perspective Speaker from a local media outlet
1:45-2:00	Break
2:00-3:00	 Interview Practicum: Putting the process into action Each participant will work with another participant to develop messaging and execute an interview. Perform an interview on either iPad kit or smart phones.
3:00-4:00	Critique each other and show effective examples of media interaction
4:00	Wrap-up and Adjourn

ee. an

APPROVED 10-16-2018

Lee Ann Jones, County Judge

NAME:	Lee Dudley
POSITION:	AG-NRCS, Agent
DEPARTMENT:	Extension
DATE:	October 10, 2018
CONFERENCE:	Path to Plate Agent Media Training
LOCATION:	Athens, Texas
DATES:	November 14, 2018
NUMBER OF DAYS	OUT OF THE OFFICE FOR THIS CONFERENCE: 1
Does the conference	ce meet your education requirements for the year?N/A
If not, how much o	f your requirements will be met by this conference? N/A
How much of your	requirements have been met already, not counting this conference?
N/A	
How many days ha conference?	ve you been away from your job this year for conferences, not counting t
Do you have suffici	ent funds in your budget for this conference? Yes
	ment explaining the public purpose that will be met by your attendance and on the back of necessary)
Agent Med	lia Training and how it relates to the job at hand



EAST REGION

Path to the Plate Agent Media Training November 14, 2018 Freshwater Fisheries Center, Athens

9:30am-10:00	Participants Arrive/Registration
10:00-10:30	Welcome, regional/district business update and statement of purpose and training objectives - Regional and District Leadership
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3:00-4:00	Critique each other and show effective examples of media interaction
4:00	Wrap-up and Adjourn