



**NOTICE OF  
CITY COUNCIL SPECIAL MEETING  
FIRST UNITED METHODIST CHURCH 112 N. COLORADO ST, CELINA, TX 75009  
THURSDAY, FEBRUARY 18, 2016 AT 5:00 PM**

**AGENDA**

**I. CALL TO ORDER AND ANNOUNCE A QUORUM PRESENT:**

**II. CONSENT AGENDA:** Items are considered self-explanatory and will be enacted with one motion. No separate discussion of these items will occur unless so requested by at least one member of the City Council.

1. Consider and act to authorize the Mayor to execute a contract Change Order No. 2 with Wilson Contractor Services in the amount of \$2,935,000 for the construction of the Southeast Sector Water Lines W1 and W2. (Johnson)
2. Consider and act to authorize the Mayor to execute a contract Change Order No. 1 with Red River Construction in the amount of \$46,157.08 for the construction of the Southeast Sector Sewer Phase 3 - SE Sector Lift Station. (Johnson)
3. Consider and act upon a task order authorization by and between the City of Celina and Halff Associates, Inc for Professional Services. (Johnson)

**III. EXECUTIVE SESSION:**

The Celina City Council will convene into Executive Session pursuant to Texas Government Code 551.071, Consultation with Attorney, on a matter in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with this Chapter.

- A. Old Celina Ltd. Tax Increment Reinvestment Zone (TIRZ)

**IV. ADJOURNMENT:**

The City Council reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above, as authorized by the Texas Government Code, Chapter 551. "I, the undersigned authority do hereby certify that the Notice of Meeting was posted on the bulletin board at City Hall of the City of Celina, Texas, a place convenient and readily accessible to the general public at all times and said Notice was posted on the following date and time: \_\_\_\_\_ at \_\_\_\_ p.m. and remained so posted continuously for at least 72 hours prior to the scheduled time of said meeting."

\_\_\_\_\_  
Vicki Faulkner, TRMC  
City Secretary, City of Celina, TX

\_\_\_\_\_  
Date Notice Removed



Engineering/Public Works  
City of Celina, Texas

## Memorandum

To: **Honorable Mayor Terry and the Celina City Council**  
From: Gabe Johnson, Director of Public Works  
Date: February 18, 2016  
Re:

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### Action Requested:

Consider and act to authorize the Mayor to execute a contract Change Order No. 2 with Wilson Contractor Services in the amount of \$2,935,000 for the construction of the Southeast Sector Water Lines W1 and W2. (Johnson)

### Background Information:

The original contract was approved on 6/9/2015 and a notice to proceed was issued on 10/5/2015 and consists of approximately 1,200 LF of 12" C900 Class 235 DR-18 water main, 1,100 LF of 16" 905 Class 235 DR-18 water main, 19,650 LF of 24" C905 Class 235 DR-18 water main, and various appurtenances.

A pre-bid meeting was held on 5/19 to answer any questions associated with the project. From the pre-bid meeting one addendum was issued. The bids were publicly opened on 5/28 at City Hall. There were a total of 12 bidders. The highest bid was \$3,990,023. The median bid was \$3,363,900. The low bidder was Wilson Contractor Services with a bid of \$2,935,000. The maximum contract time required by the Contractor for completion of these improvements, beginning on the date specified in the Notice to Proceed, is 200 Calendar days.

The Change Order No. 2 is for improving the water lines in the area of Twelve Oaks and to address existing issues associated with older infrastructure that was acquired from the Danville Water Supply Corporation. The Change Order involves extending a 12" water line down CR 84 to tie in our new water line to FM 1461 and to abandon the old Danville water lines in the area. This will help with overall pressures in the system. We are also addressing some of the connection issues to the old system, in particular the portions at the north end of CR 84 at the corner of where the road turns and goes east. There was an old 6" Danville line that was paralleling our 12" line along CR 84. The line was discovered during construction. The contractor is requesting an additional 75 calendar days be added to their contract.

### Board Review/Citizen Input:

N/A

**Alternatives:**

If council chooses to not approve the contract change order staff can proceed with the original contract and address the outstanding items at a later date.

**Financial Considerations:**

The original council amount was \$2,935,000 which included a 10% construction contingency of \$293,500. Change Order No. 1 was a savings of \$28,063 towards the project for compact fittings, which increased the contingency amount to \$321,563. Change Order No. 2 is \$309,328. This is within the contingency amount.

**Legal Review:**

The City Attorney has reviewed and approved the contract as presented.

**Supporting Documents:****Staff Recommendation:**

Approval

**CHANGE ORDER NO. 2**

DATE: January 20, 2016  
PROJECT: Water Lines W1 & W2 Southeast Sector  
CITY NO.: W-201411-01  
OWNER: City of Celina  
CONTRACTOR: Wilson Contractor Services

**A. DESCRIPTION OF CHANGE:**

Adjust W-2 water line from original alignment to accommodate future Coit Road and ROW dedications per developers of the two affected tracts.

Add 12" water main south of 16" water main on W-3 to connect to 12" water main along County Road 1461 providing a looped system.

Relocate W-3, 16" water line, from the west side of CR 84 to the east side CR 84.

Sheets W-11, W-12, W-13, W-14, W-15, W-28, and W-29 in the plan set shall be **REMOVED** and **REPLACED** with the attached sheets W-11, W-12, W-13, W-14, W-15, W-28, and W-29.

Sheets W-30 through W-35 shall be **ATTACHED** and included in the plan set.

**B. ADJUSTMENT IN CONTRACT PRICE:**

|                                         |                   |
|-----------------------------------------|-------------------|
| Original Contract Price:                | \$ 2,935,000.00   |
| Adjustments by prior Change Orders      | (28,062.85)       |
| Increase/Decrease per this Change Order | <u>309,328.03</u> |
| Revised Contract Amount                 | \$ 3,216,265.15   |

**C. ADJUSTMENT IN CONTRACT TIME:**

|                                    |                         |
|------------------------------------|-------------------------|
| Original Contract Time             | 200 calendar days       |
| Adjustments by prior Change Orders | 2 calendar days         |
| Adjustment by this Change Order    | <u>75 calendar days</u> |
| Revised Contract Time              | 277 calendar days       |

**RECOMMENDED BY ENGINEER:****AGREED BY CONTRACTOR:**


 DATE: 1/20/16  
 Pacheco Koch, LLC

\_\_\_\_\_ DATE: \_\_\_\_\_  
 Wilson Contractor Service, LLC

**APPROVED BY CITY:**

\_\_\_\_\_ DATE: \_\_\_\_\_  
 CD Program Manager



**Wilson Contractor Services, LLC**  
**107 Bell Avenue, Suite Three**  
**Denton, Texas 76201-4279**

**940-243-1174 Office**  
**940-898-1175 Fax**  
**www.WilsonContractorServices.com**

### REQUEST FOR CHANGE ORDER

#### Owner Information

Owner Name City of Celina  
 Address 142 North Ohio  
 Address Celina, Texas 75009  
 Phone (972) 382-2682

#### Engineer Information

Name Pacheco Koch  
 Address 8350 N. Central Expressway Suite 1000  
 Address Dallas, Tx 75206  
 P.E. (Attn) Mr. Christopher J. Cha, P.E.  
 Phone (972) 235-3031  
 Fax (972) 235-9544  
 Email CCha@PKCE.com

#### Job Information

Job # 2015-008  
 Job Name Water Lines W1 & W2 Southeast Sector (W-201411-01)  
 Address E. Sunset Blvd w of SH289 S on 92 & 87  
 Address Celina, TX

RFCO # 2 rev

Date 1/20/2016

| Item | Description                         | Unit | Contract Qty | Unit Item Bid Total | Line Item Total |
|------|-------------------------------------|------|--------------|---------------------|-----------------|
| 6    | 6" PVC C-900, DR18 Water Main Pipe  | LF   | 50           | \$35.93             | \$1,796.50      |
| 7    | 12" PVC C-900, DR18 Water Main Pipe | LF   | 4354         | \$45.00             | \$195,930.00    |
| 8    | 16" PVC C-900, DR18 Water Main Pipe | LF   | 0            | \$68.50             | \$0.00          |
| 10   | Delete 26" Bore                     | LF   | -30          | \$419.23            | (\$12,576.90)   |
| 12   | Ductile Iron Fittings               | Ton  | 4.1          | \$1.00              | \$4.10          |
| 13   | 6" Gate Valve                       | Ea   | 6            | \$1,020.00          | \$6,120.00      |

|    |                                                                                                                                                                         |     |      |             |              |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|-------------|--------------|
| 14 | 12" Gate Valve                                                                                                                                                          | Ea  | 8    | \$2,400.00  | \$19,200.00  |
| 15 | 16" Butterfly Valve                                                                                                                                                     | Ea  | -1   | \$5,170.00  | (\$5,170.00) |
| 21 | Connect to existing Water Main                                                                                                                                          | Ea  | 2    | \$1,800.00  | \$3,600.00   |
| 22 | Trench Safety                                                                                                                                                           | LF  | 4404 | \$0.67      | \$2,950.68   |
| 23 | Fire Hydrant Assembly                                                                                                                                                   | LF  | 5    | \$2,400.00  | \$12,000.00  |
| 24 | Asphalt Paveing Repair (5' Wide Class A Concrete (6" Thick)                                                                                                             | LF  | 120  | \$125.00    | \$15,000.00  |
| 28 | Sodding                                                                                                                                                                 | SY  | 2765 | \$5.00      | \$13,825.00  |
| 29 | Cut in 6" Valve, Includes 6" Valve, Valve Box 6" Long Sleeve with Joint Restraints and 6" DR18 PVC, 1 Day of Crew Labor w/ Cat 308 Excavator/backhoe (2,100.00 per day) | LS  | 1    | \$3,345.50  | \$3,345.50   |
| 30 | 16" Air Release Parts 2,216.37, Labor 1,050.00                                                                                                                          | LS  | 1    | \$3,266.37  | \$3,266.37   |
| 31 | Exploritory Excavation for Location of Utilities 10 Men (2 Crews) w/ Backhoe & 330 Cat Excavator & Fuel (10Hr Days) 11/18, 11/19 (5hrs),11/20,11/23, 11/24,11/25, 12/02 | Day | 6.5  | \$4,060.35  | \$26,392.28  |
| 32 | 3/4" Service Transfer (parts 844.50, Labor& Equipment 600.00)                                                                                                           | Ea  | 1    | \$1,444.50  | \$1,444.50   |
| 33 | Net Additional Fittings expence for CO2 (Material \$8,414.66, Labor to Install \$6,085.34)                                                                              | LS  | 1    | \$14,500.00 | \$14,500.00  |
| 34 | Re-Alignment and C/O2 Survey and Control Staking                                                                                                                        | LF  | 4400 | \$1.75      | \$7,700.00   |

C/O Request Total: **\$309,328.03**

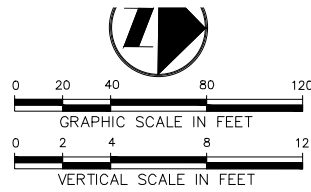
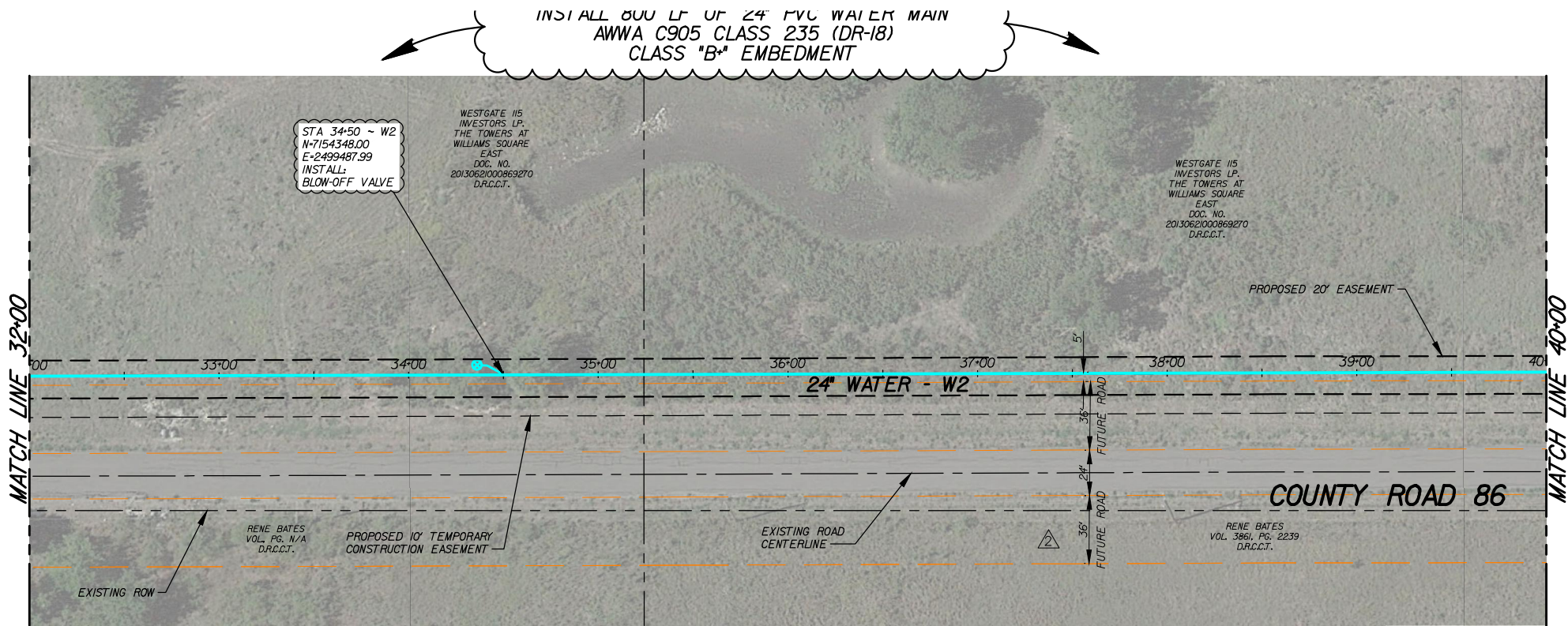
Prepared By:



1/20/2016

Date

Attachment: 2016-02-09 Celina Water Line W1 and W2 Southeast Sector Change Order No 2 (1476 : Construction Change Order - SE Sector

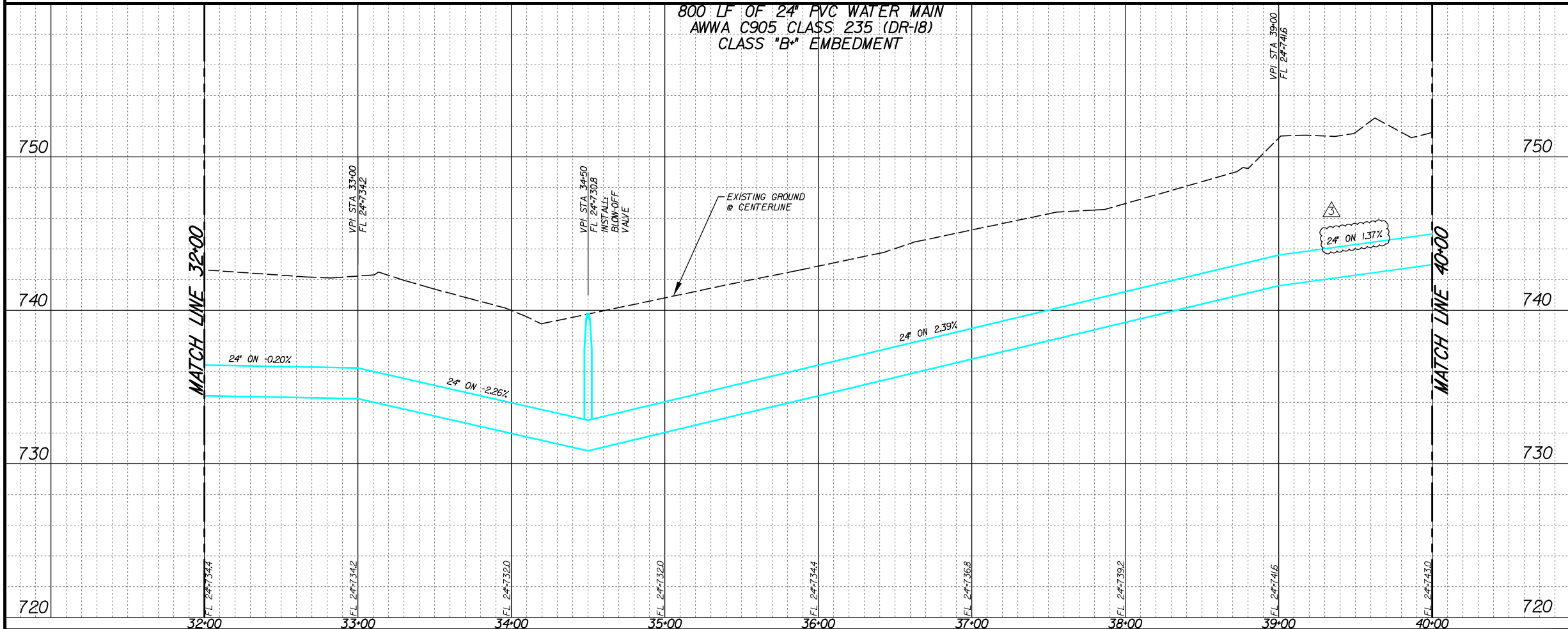


LEGEND

- PROPOSED WATER LINE
- FUTURE EDGE OF PAVEMENT

NOTE:

ALL ELEVATIONS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ELEVATIONS SHOWN ON THESE PLANS.

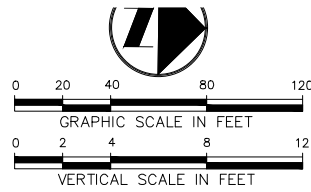
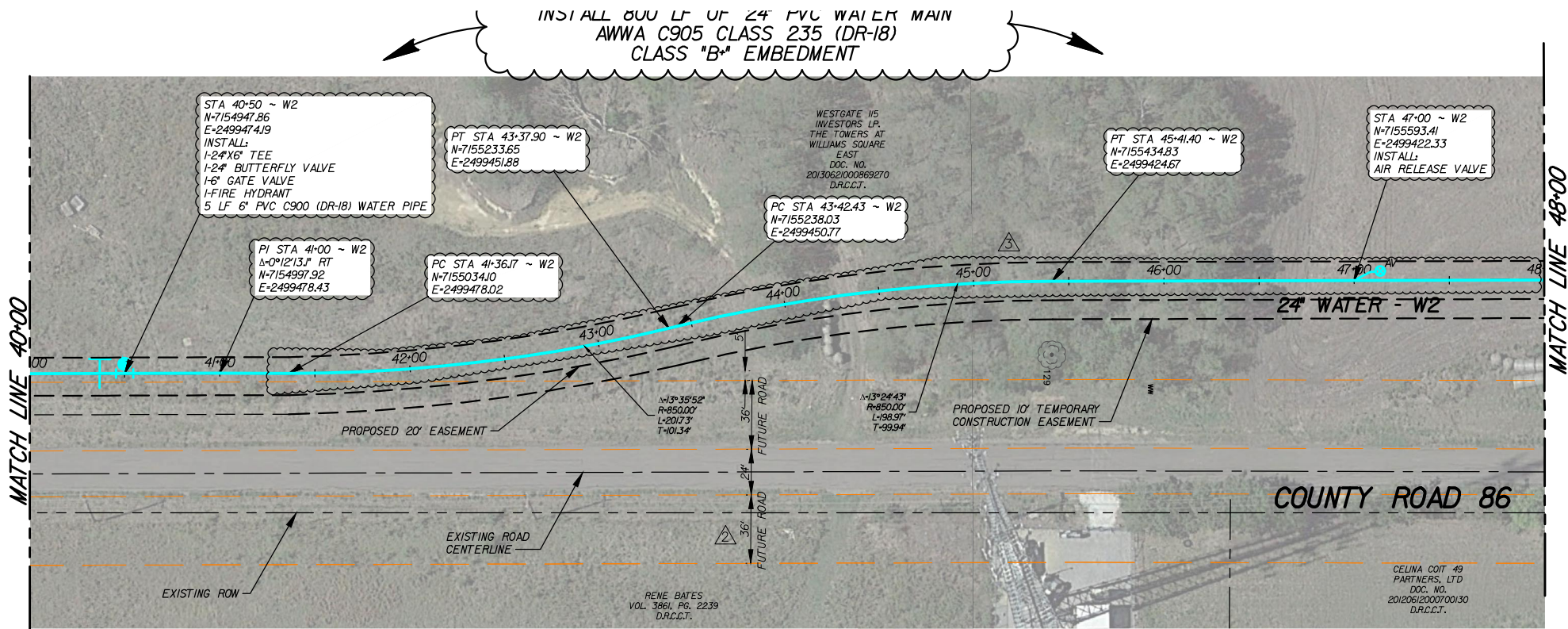


THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY CHRISTOPHER J. CHA, P.E. 112732 ON 12/02/2015. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

| NO. | DATE       | REVISION                                        |
|-----|------------|-------------------------------------------------|
| 1   | 01/06/2016 | CHANGE ORDER #2 REALIGNMENT OF W2               |
| 2   | 07/27/2015 | LABEL CORRECTION FROM 48" TO 36" FUTURE ROADWAY |

8350 N. CENTRAL EXPWY. SUITE 1000  
DALLAS, TX 75206 972.235.3031  
TX REG. ENGINEERING FIRM F-14439  
TX REG. SURVEYING FIRM LS-101938-05

| PROPOSED 24" WATER MAIN - W2<br>PLAN & PROFILE<br>STA 32+00 TO 40+00            |         |               |             |           |
|---------------------------------------------------------------------------------|---------|---------------|-------------|-----------|
| WATER LINES W1 & W2<br>SOUTHEAST SECTOR<br>CITY OF CELINA, COLLIN COUNTY, TEXAS |         |               |             |           |
| DESIGN                                                                          | DRAWN   | DATE          | JOB NO.     | SHEET NO. |
| JCI/JLH                                                                         | JCI/JLH | DECEMBER 2015 | 3551-14.141 | W-11      |

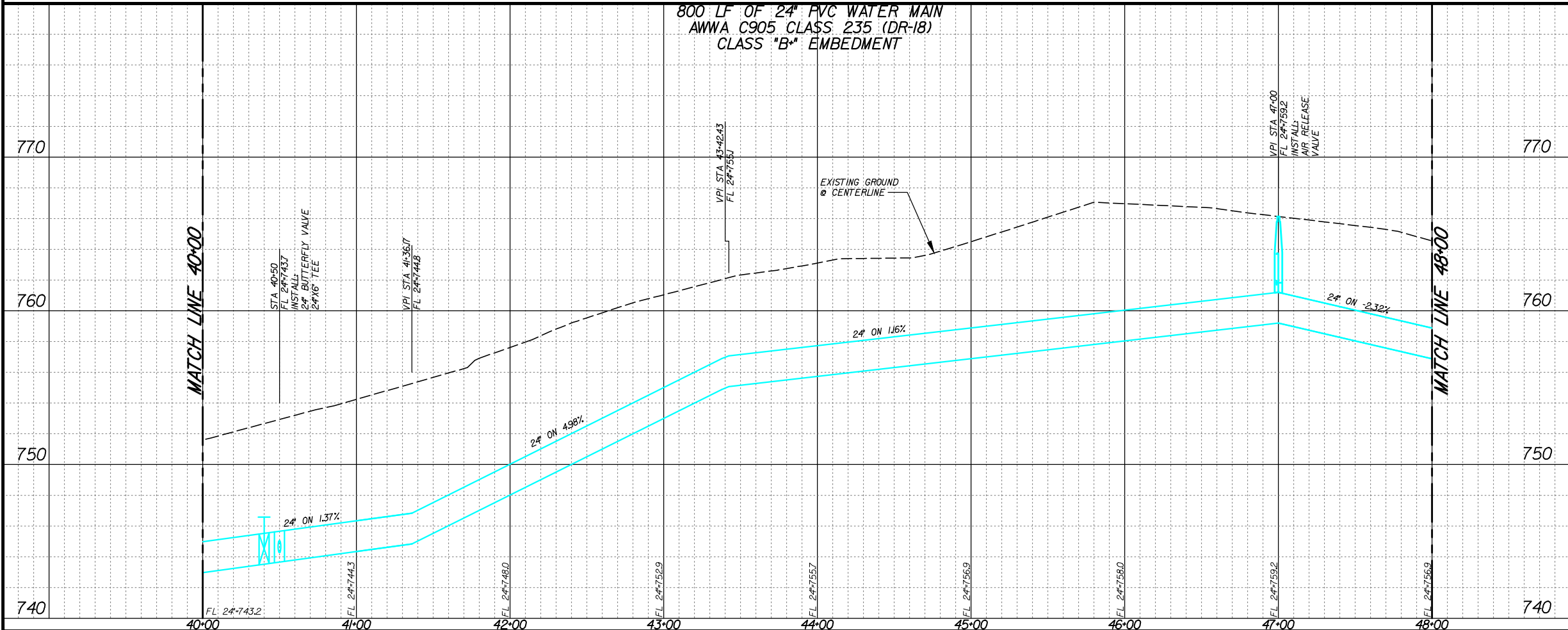


LEGEND

- PROPOSED WATER LINE
- FUTURE EDGE OF PAVEMENT

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| NO. | DATE       | REVISION                                        |
|-----|------------|-------------------------------------------------|
| 1   | 01/06/2016 | CHANGE ORDER #2 REALIGNMENT OF W2               |
| 2   | 07/27/2015 | LABEL CORRECTION FROM 48' TO 36' FUTURE ROADWAY |

**Pacheco Koch**  
8350 N. CENTRAL EXPWY. SUITE 1000  
DALLAS, TX 75206 972.235.3031  
TX REG. ENGINEERING FIRM F-14439  
TX REG. SURVEYING FIRM LS-101938-05

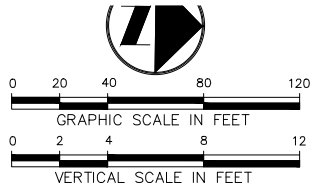
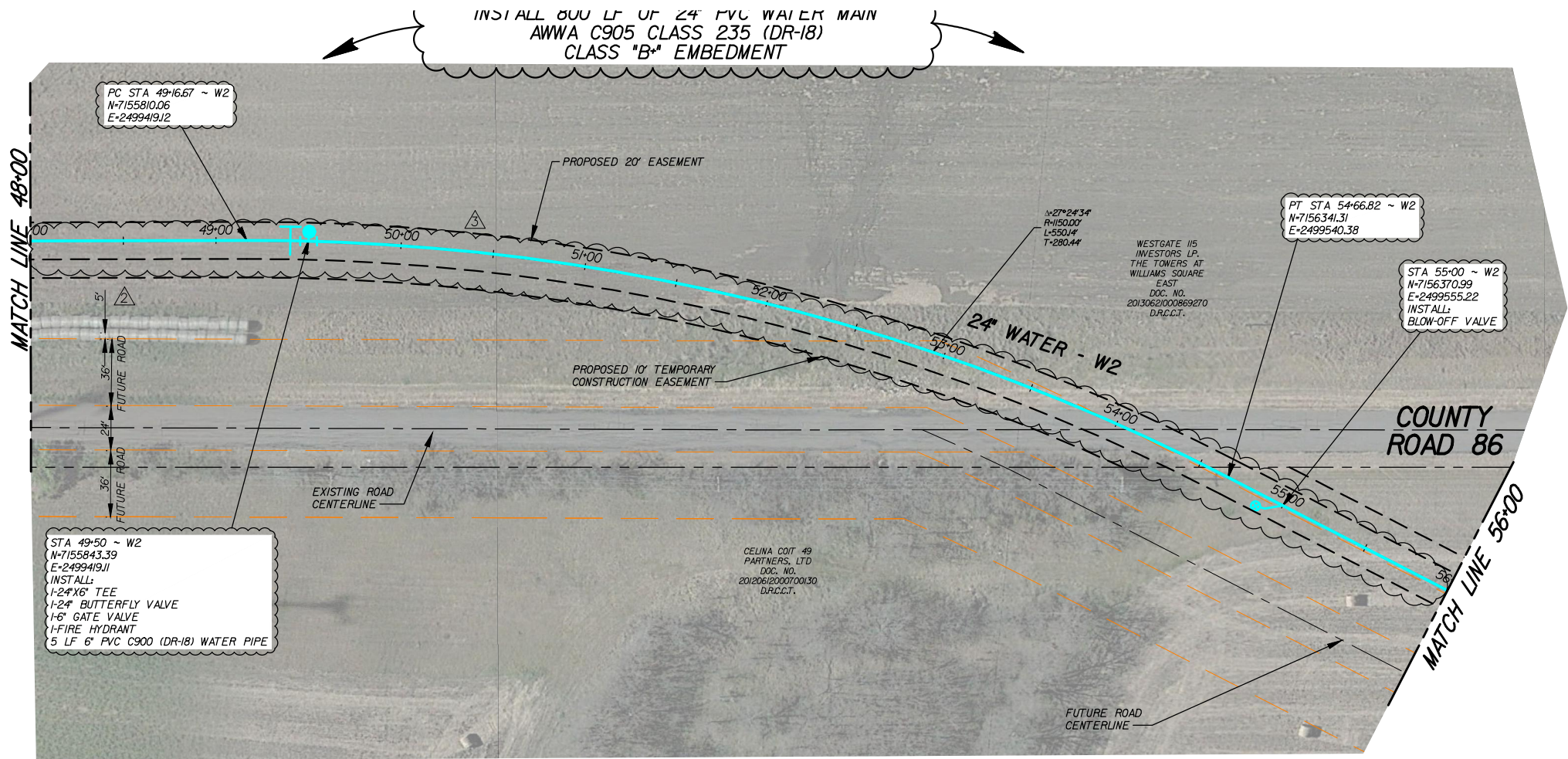
PROPOSED 24" WATER MAIN - W2  
PLAN & PROFILE  
STA 40+00 TO 48+00

WATER LINES W1 & W2  
SOUTHEAST SECTOR

CITY OF CELINA, COLLIN COUNTY, TEXAS

| DESIGN  | DRAWN   | DATE          | JOB NO.     | SHEET NO. |
|---------|---------|---------------|-------------|-----------|
| JCI/JLH | JCI/JLH | DECEMBER 2015 | 3551-14.141 | W-12      |

Attachment: 2016-02-09 Celina Water Line W1 and W2 Southeast Sector Change Order No 2 (1476 : Construction Change Order - SE Sector Water Line)

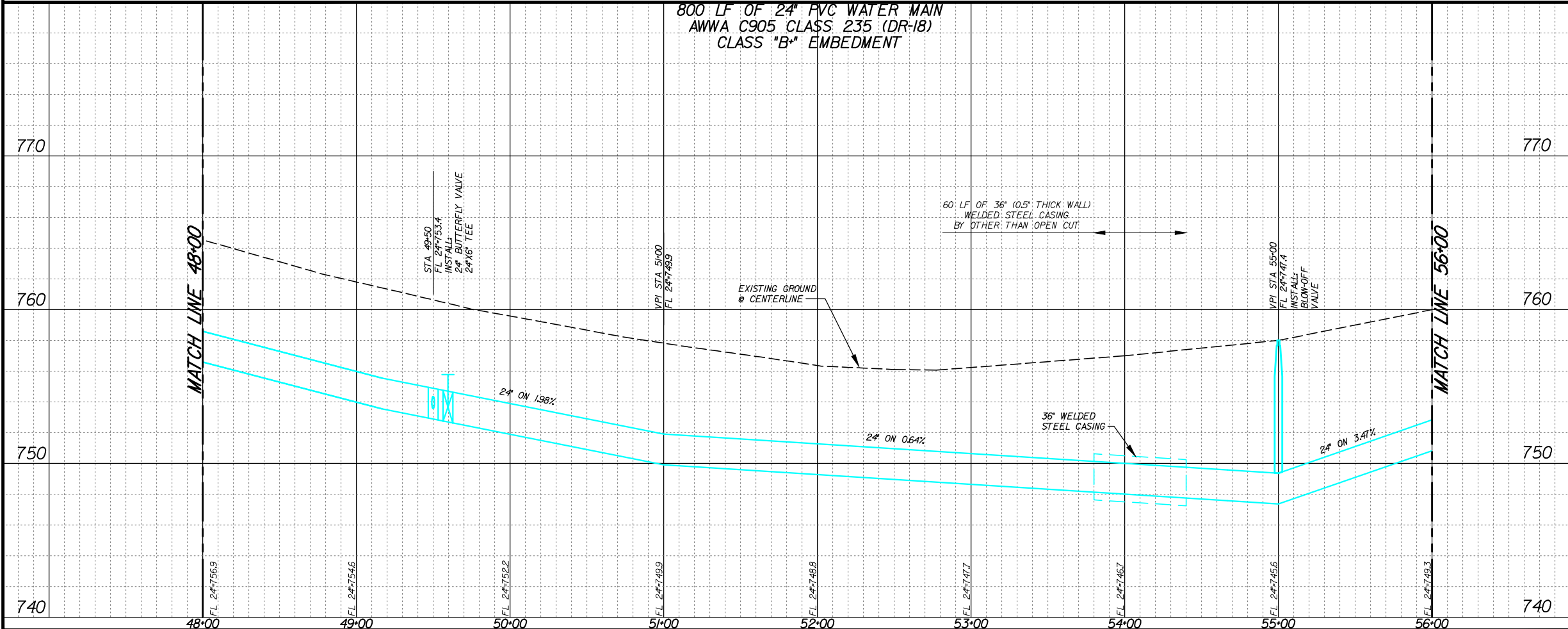


LEGEND

- PROPOSED WATER LINE
- FUTURE EDGE OF PAVEMENT

NOTE:

1. ALL ELEVATIONS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ELEVATIONS SHOWN ON THESE PLANS.
2. EXISTING GROUND PROFILE TAKEN FROM USGS CONTOURS FROM STA 50+00 TO STA 68+00



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| NO. | DATE       | REVISION                                        |
|-----|------------|-------------------------------------------------|
| 1   | 01/06/2016 | CHANGE ORDER #2 REALIGNMENT OF W2               |
| 2   | 07/27/2015 | LABEL CORRECTION FROM 48' TO 36' FUTURE ROADWAY |
| 3   | 05/19/2015 | ADDENDUM #1                                     |

8350 N. CENTRAL EXPWY. SUITE 1000  
DALLAS, TX 75206 972.235.3031  
TX REG. ENGINEERING FIRM F-14439  
TX REG. SURVEYING FIRM LS-101938-05

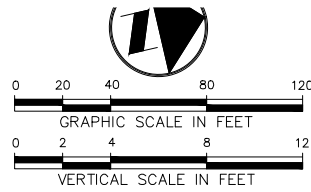
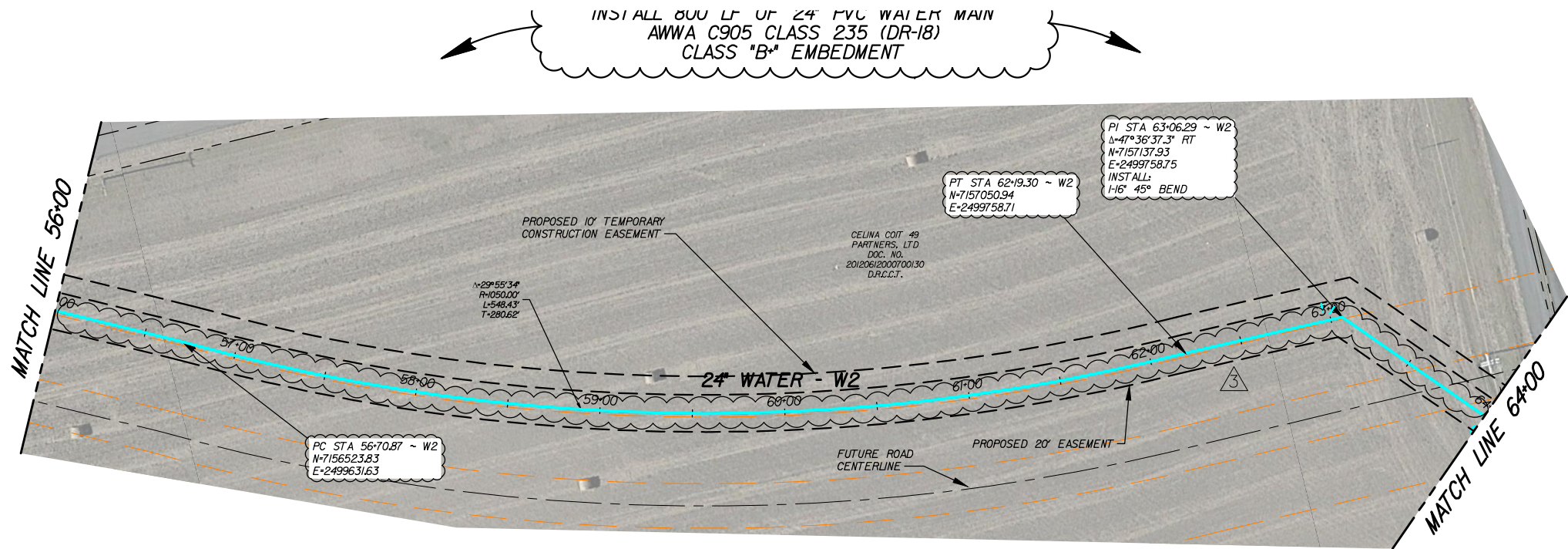
PROPOSED 24" WATER MAIN - W2  
PLAN & PROFILE  
STA 48+00 TO 56+00

WATER LINES W1 & W2  
SOUTHEAST SECTOR

CITY OF CELINA, COLLIN COUNTY, TEXAS

| DESIGN  | DRAWN   | DATE          | JOB NO.     | SHEET NO. |
|---------|---------|---------------|-------------|-----------|
| JCI/JLH | JCI/JLH | DECEMBER 2015 | 3551-14.141 | W-13      |

Attachment: 2016-02-09 Celina Water Line W1 and W2 Southeast Sector Change Order No 2 (1476 : Construction Change Order - SE Sector Water Line)

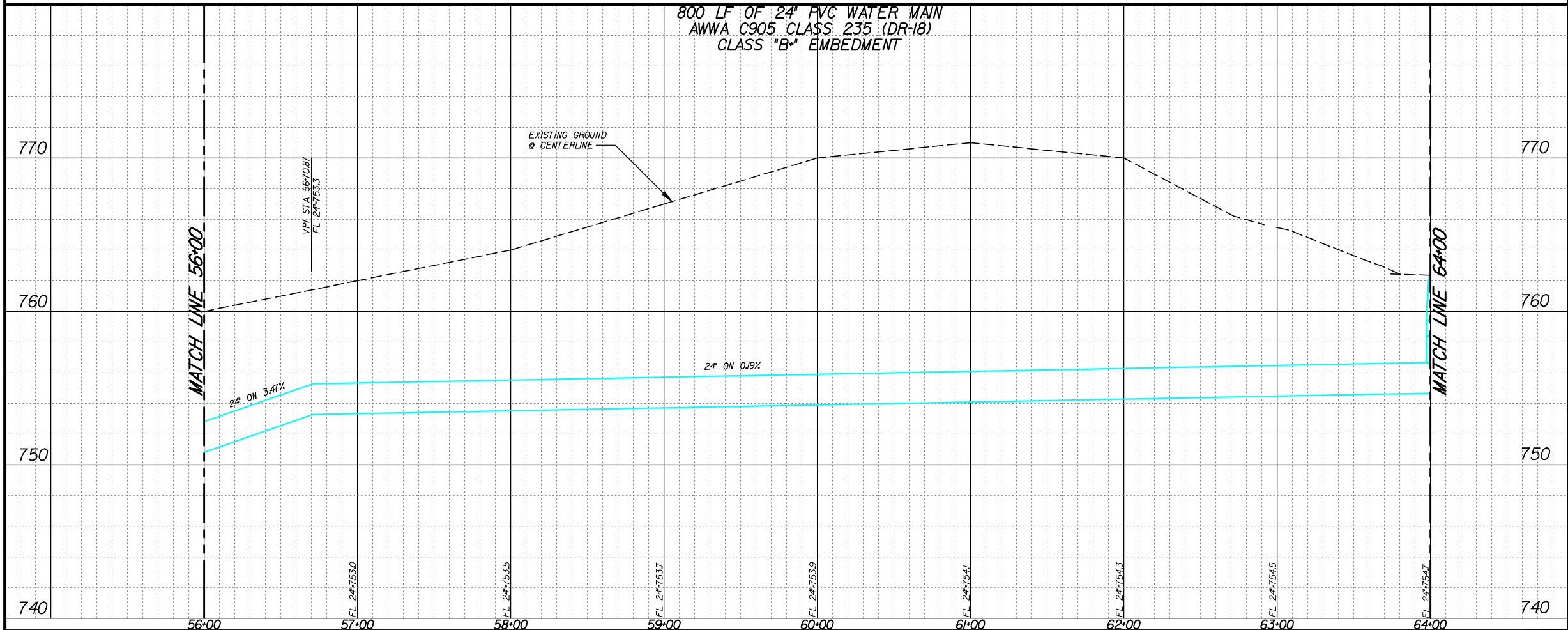


LEGEND

- PROPOSED WATER LINE
- FUTURE EDGE OF PAVEMENT

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2. EXISTING GROUND PROFILE TAKEN FROM USGS CONTOURS FROM STA 50+00 TO STA 68+00

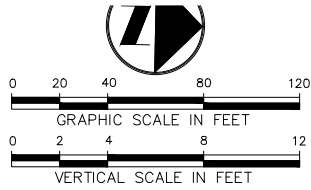
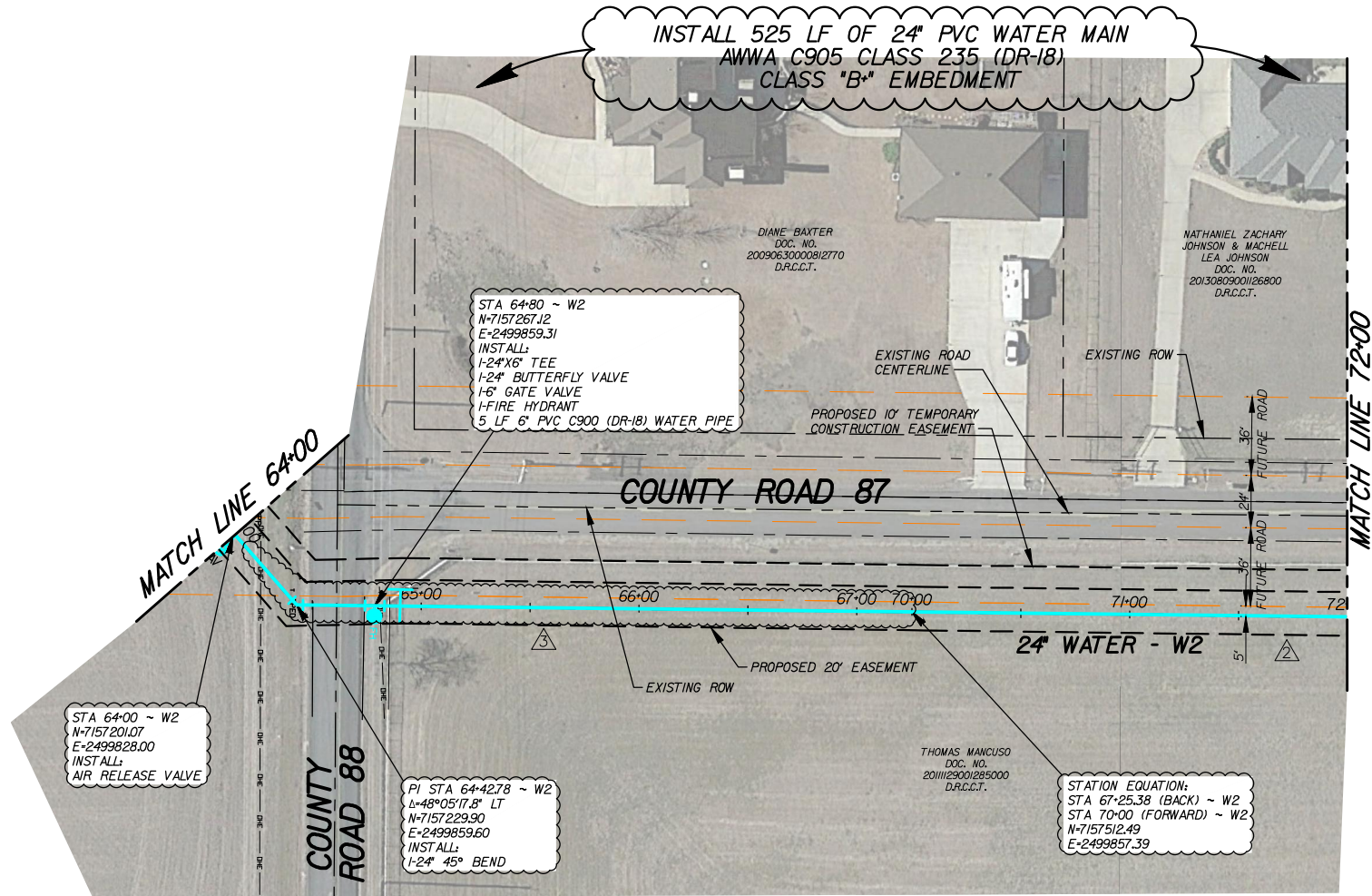


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| NO. | DATE       | REVISION                          |
|-----|------------|-----------------------------------|
| 1   | 01/06/2016 | CHANGE ORDER #2 REALIGNMENT OF W2 |

**Pacheco Koch**  
8350 N. CENTRAL EXPWY. SUITE 1000  
DALLAS, TX 75206 972.235.3031  
TX REG. ENGINEERING FIRM F-14439  
TX REG. SURVEYING FIRM LS-101938-05

| PROPOSED 24" WATER MAIN - W2<br>PLAN & PROFILE<br>STA 56+00 TO 64+00            |         |               |             |             |
|---------------------------------------------------------------------------------|---------|---------------|-------------|-------------|
| WATER LINES W1 & W2<br>SOUTHEAST SECTOR<br>CITY OF CELINA, COLLIN COUNTY, TEXAS |         |               |             |             |
| DESIGN                                                                          | DRAWN   | DATE          | JOB NO.     | SHEET NO.   |
| JCI/JLH                                                                         | JCI/JLH | DECEMBER 2015 | 3551-14.141 | <b>W-14</b> |

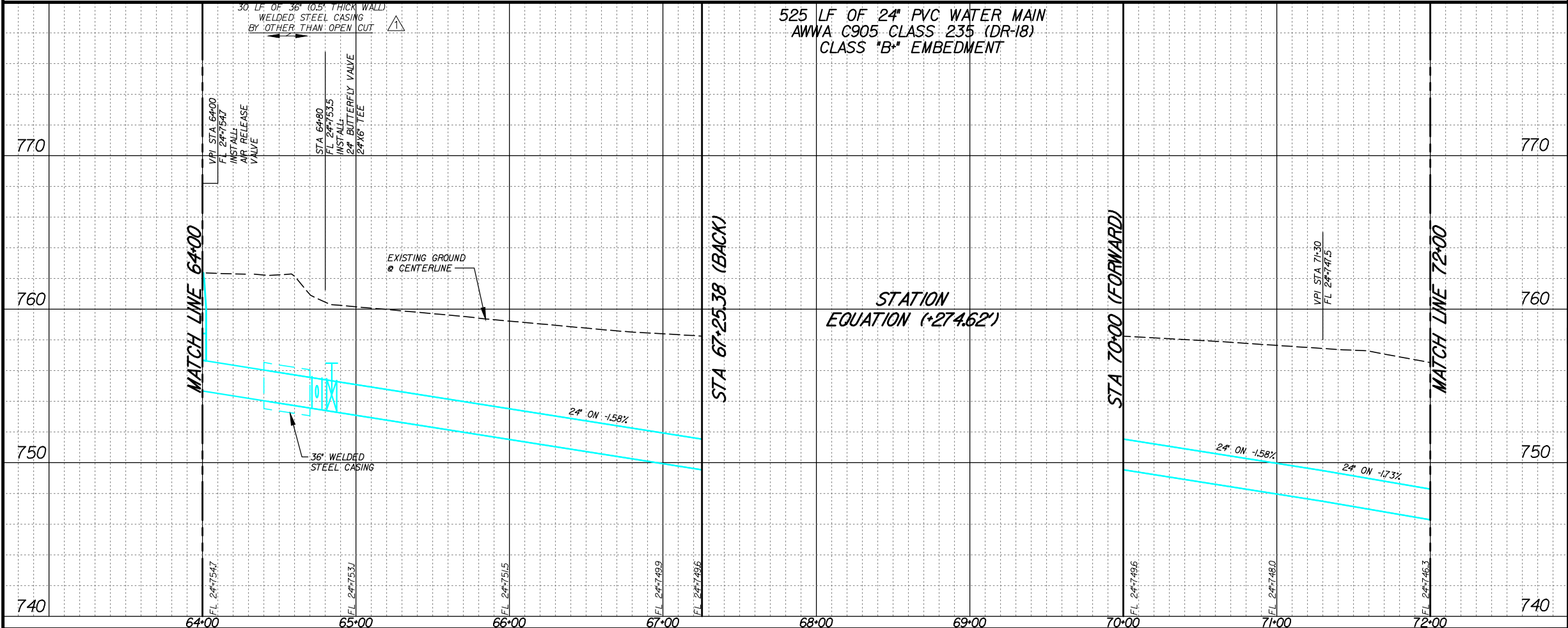


LEGEND

- PROPOSED WATER LINE
- FUTURE EDGE OF PAVEMENT

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- EXISTING GROUND PROFILE TAKEN FROM USGS CONTOURS FROM STA 50+00 TO STA 68+00



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|                                                                                       |             |                                                 |
|---------------------------------------------------------------------------------------|-------------|-------------------------------------------------|
|                                                                                       |             |                                                 |
|                                                                                       |             |                                                 |
|  | 01/06/2016  | CHANGE ORDER #2 REALIGNMENT OF W2               |
|  | 07/27/2015  | LABEL CORRECTION FROM 48" TO 36" FUTURE ROADWAY |
|  | 05/19/2015  | ADDENDUM #1                                     |
| <b>NO.</b>                                                                            | <b>DATE</b> | <b>REVISION</b>                                 |

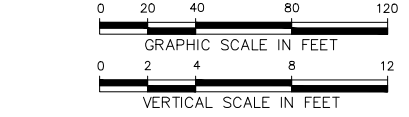
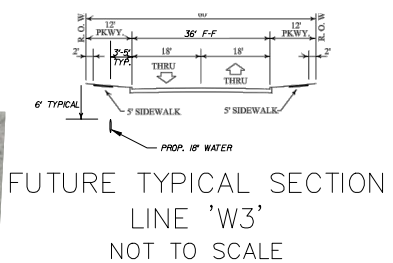
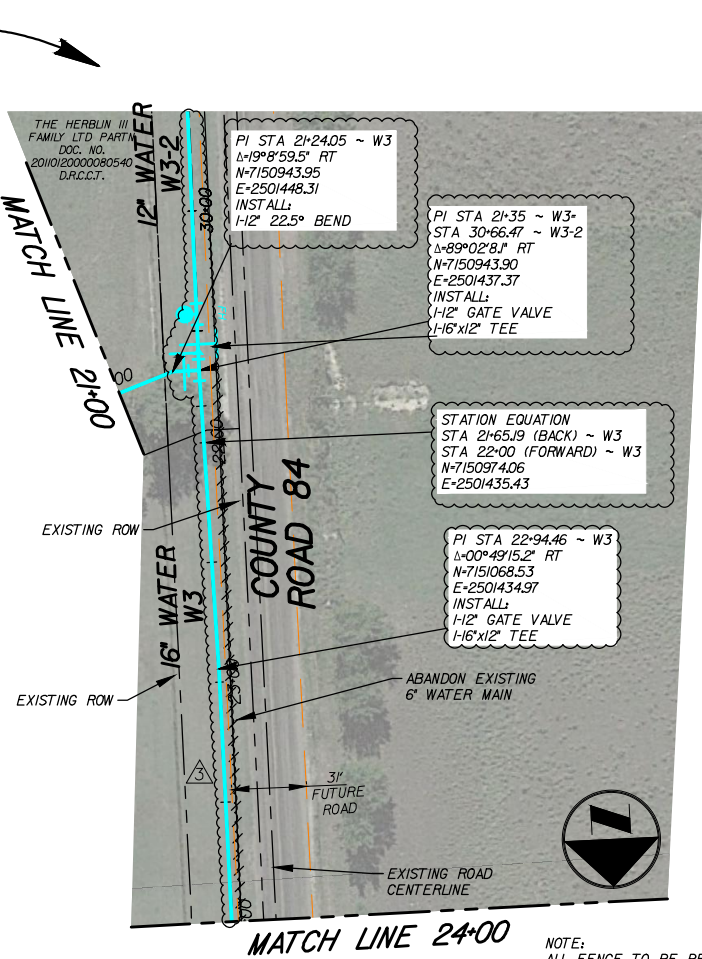
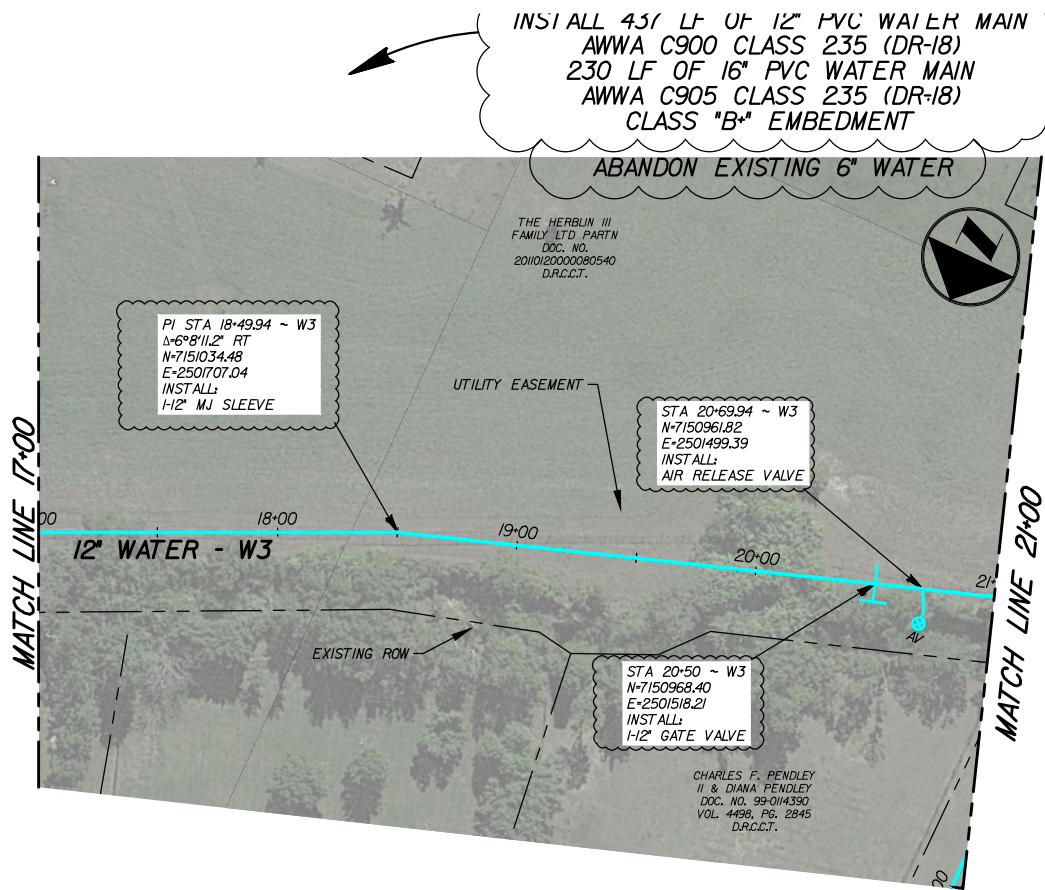
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|---------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>Pacheco Koch</b> | 8350 N. CENTRAL EXPWY. SUITE 1000<br>DALLAS, TX 75206 972.235.3031<br>TX REG. ENGINEERING FIRM F-14439<br>TX REG. SURVEYING FIRM LS-101938-05 |
|---------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                   |  |  |  |
|-----------------------------------------------------------------------------------|--|--|--|
| <b>PROPOSED 24" WATER MAIN - W2<br/>PLAN &amp; PROFILE<br/>STA 64+00 TO 72+00</b> |  |  |  |
|-----------------------------------------------------------------------------------|--|--|--|

|                                                     |  |  |  |
|-----------------------------------------------------|--|--|--|
| <b>WATER LINES W1 &amp; W2<br/>SOUTHEAST SECTOR</b> |  |  |  |
|-----------------------------------------------------|--|--|--|

|                                                    |  |  |  |
|----------------------------------------------------|--|--|--|
| <b><i>CITY OF CELINA, COLLIN COUNTY, TEXAS</i></b> |  |  |  |
|----------------------------------------------------|--|--|--|

|               |              |                  |                |                  |
|---------------|--------------|------------------|----------------|------------------|
| <b>DESIGN</b> | <b>DRAWN</b> | <b>DATE</b>      | <b>JOB NO.</b> | <b>SHEET NO.</b> |
| JCI/JLH       | JCI/JLH      | DECEMBER<br>2015 | 3551-14.141    | <b>W-15</b>      |



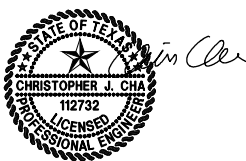
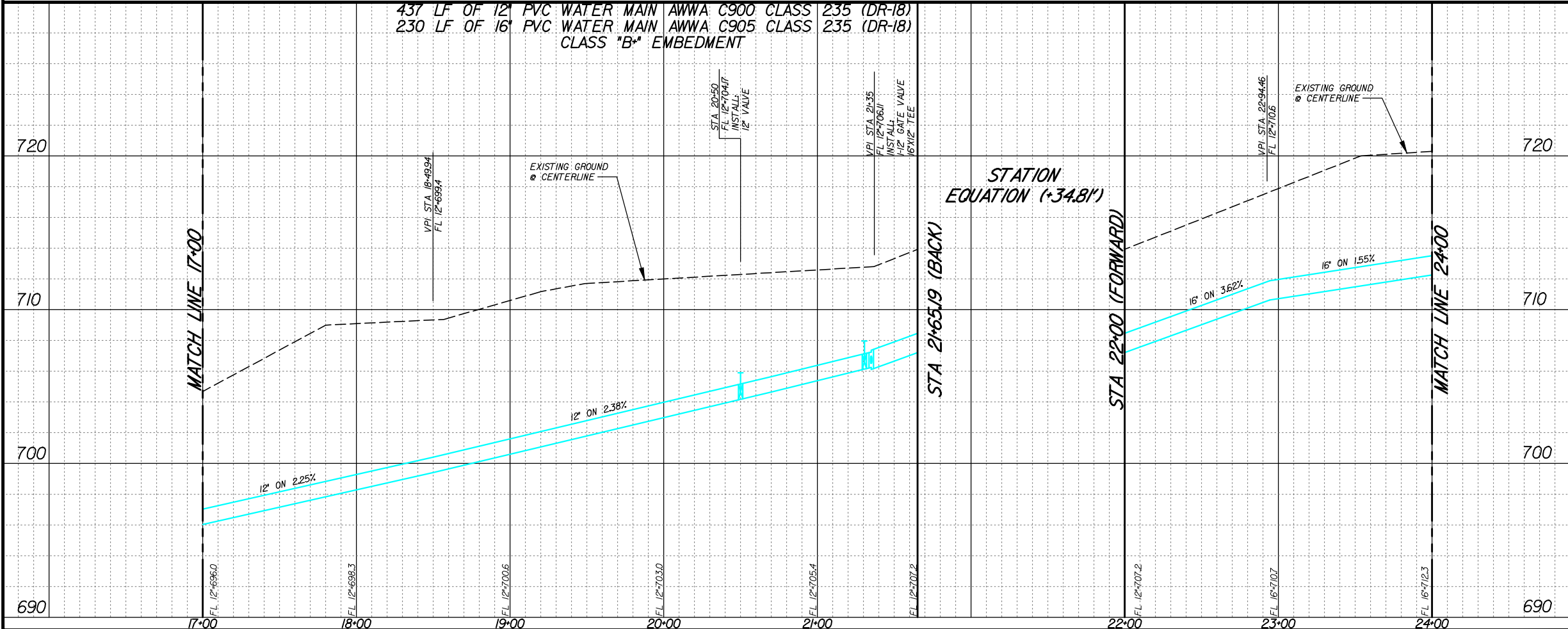
LEGEND

- PROPOSED WATER LINE
- FUTURE EDGE OF PAVEMENT

NOTE:

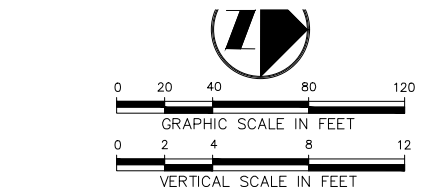
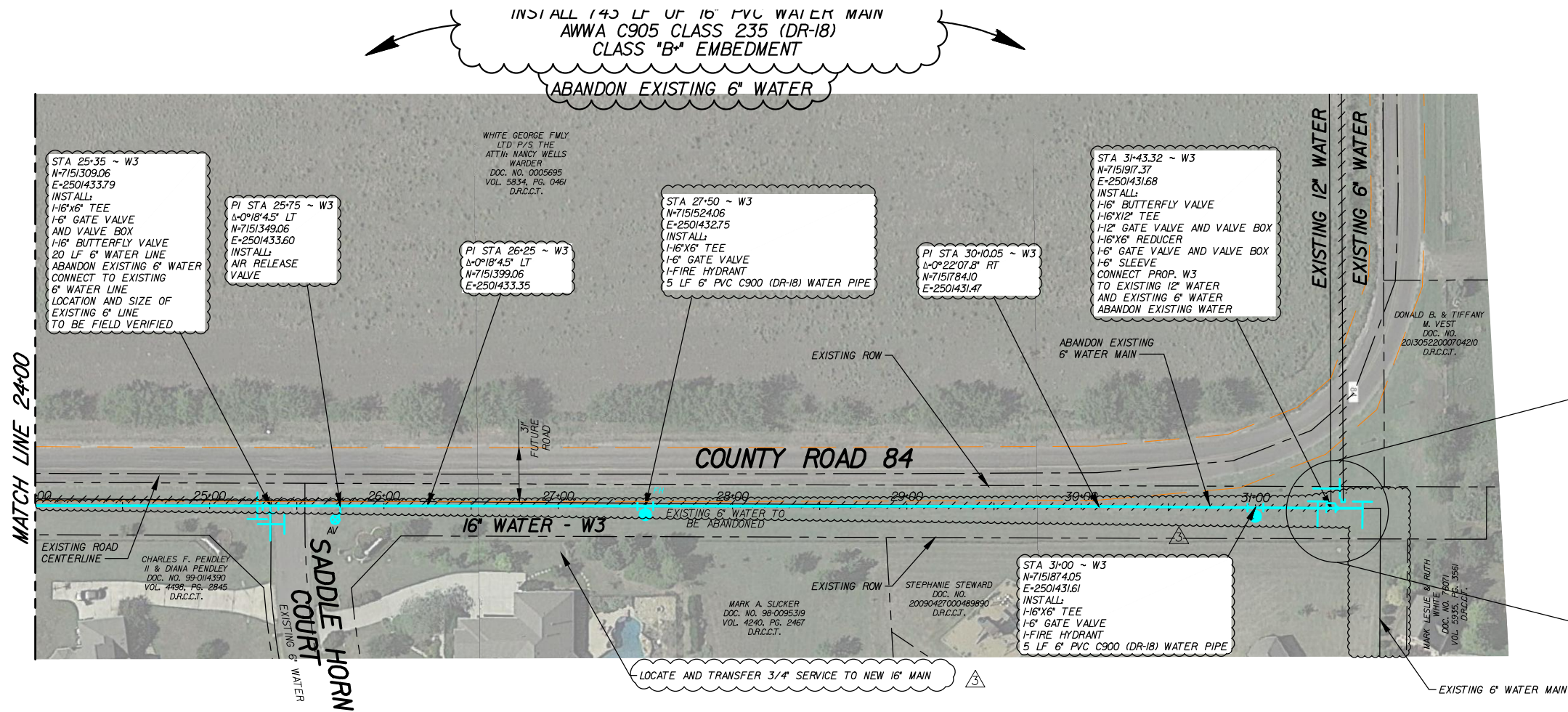
ALL ELEVATIONS ARE APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ELEVATIONS SHOWN ON THESE PLANS.

NOTE:  
ALL FENCE TO BE REPLACED WITH EQUAL OR BETTER THAN EXISTING. REMOVAL AND REPLACEMENT OF FENCE SHALL BE CONSIDERED SUBSIDIARY TO BID ITEM 12" PVC C-900 CLASS 235, DR-18 WATER MAIN PIPE.



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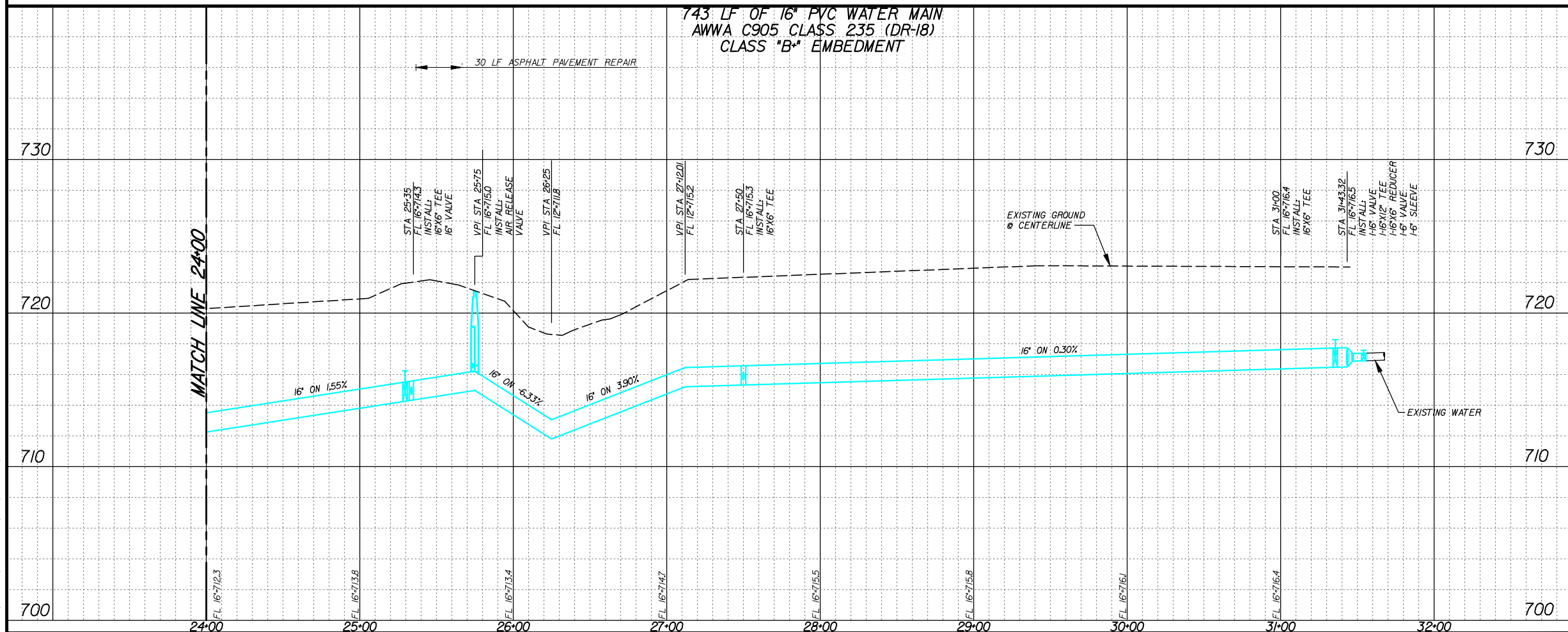
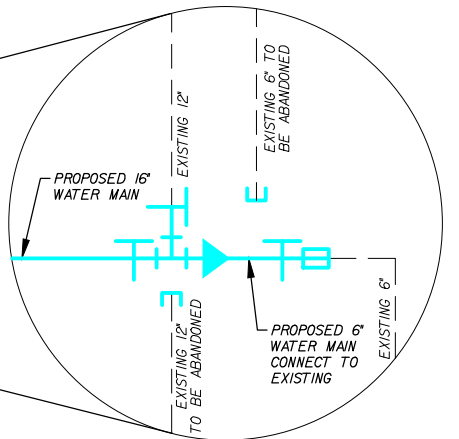
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|                                                                                                                                                                                            | 01/06/2016   | REALIGNMENT WITH CHANGE ORDER #2 |
| <b>NO.</b>                                                                                                                                                                                                                                                                      | <b>DATE</b>  | <b>REVISION</b>                  |
| <div><b>Pacheco Koch</b></div> <div>8350 N. CENTRAL EXPWY. SUITE 1000<br/>DALLAS, TX 75206 972.235.3031<br/>TX REG. ENGINEERING FIRM F-14439<br/>TX REG. SURVEYING FIRM LS-101938-05</div> |              |                                  |
| <b>PROPOSED 12" &amp; 16" WATER MAIN - W3<br/>PLAN &amp; PROFILE<br/>STA 17+00 TO 24+00</b>                                                                                                                                                                                     |              |                                  |
| <b>WATER LINES W1 &amp; W2<br/>SOUTHEAST SECTOR</b>                                                                                                                                                                                                                             |              |                                  |
| <b><i>CITY OF CELINA, COLLIN COUNTY, TEXAS</i></b>                                                                                                                                                                                                                              |              |                                  |
| <b>DESIGN</b>                                                                                                                                                                                                                                                                   | <b>DRAWN</b> | <b>DATE</b>                      |
| JCI/JLH                                                                                                                                                                                                                                                                         | JCI/JLH      | JANUARY<br>2016                  |
|                                                                                                                                                                                                                                                                                 |              | <b>JOB NO.</b>                   |
|                                                                                                                                                                                                                                                                                 |              | 3551-14.141                      |
|                                                                                                                                                                                                                                                                                 |              | <b>SHEET NO.</b>                 |
|                                                                                                                                                                                                                                                                                 |              | <b>W-28</b>                      |



### LEGEND

**NOTE:**

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**Pacheco Koch**

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DALLAS, TX 75206      972.235.3031  
TX REG. ENGINEERING FIRM F-14439  
TX REG. SURVEYING FIRM LS-101938-05

## PROPOSED 12" & 16" WATER MAIN - W3

### PLAN & PROFILE

**STA 24+00 TO 31+43.32**

## WATER LINES W1 & W2

### SOUTHEAST SECTOR

*CITY OF CELINA, COLLIN COUNTY, TEXAS*

| DESIGN  | DRAWN   | DATE            | JOB NO.     | SHEET NO. |
|---------|---------|-----------------|-------------|-----------|
| JCI/JLH | JCI/JLH | JANUARY<br>2016 | 3551-14.141 | W-29      |



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DALLAS, TX 75206 972.235.3031  
TX REG. ENGINEERING FIRM F-14439  
TX REG. SURVEYING FIRM LS-101938-05

## WATER LINES W1 & W2 SOUTHEAST SECTOR

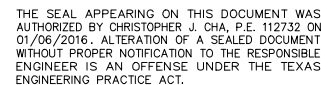
**CITY OF CELINA, COLLIN COUNTY, TEXAS**

|               |              |                 |                |                  |
|---------------|--------------|-----------------|----------------|------------------|
| <i>DESIGN</i> | <i>DRAWN</i> | <i>DATE</i>     | <i>JOB NO.</i> | <i>SHEET NO.</i> |
| JCI/JLH       | JCI/JLH      | JANUARY<br>2016 | 3551-14.141    | <b>W-30</b>      |

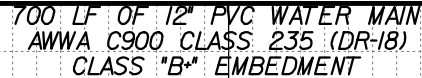


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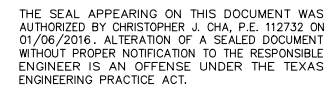


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|                                                                                                                                                                      | 01/06/2016   | SHEET ADDED WITH CHANGE ORDER #2                                                                                                                    |                |                  |
| <b>NO.</b>                                                                                                                                                           | <b>DATE</b>  | <b>REVISION</b>                                                                                                                                     |                |                  |
| <b>Pacheco Koch</b>                                                                                                                                                  |              | 8350 N. CENTRAL EXPWY. SUITE 1000<br>DALLAS, TX 75206      972.235.3031<br>TX REG. ENGINEERING FIRM F-14439<br>TX REG. SURVEYING FIRM LS-101938--05 |                |                  |
| <p align="center"><b>PROPOSED 12" WATER MAIN - W3-2</b></p> <p align="center"><b>PLAN &amp; PROFILE</b></p> <p align="center"><b>STA (5+00) TO 2+00</b></p>          |              |                                                                                                                                                     |                |                  |
| <p align="center"><b>WATER LINES W1 &amp; W2</b></p> <p align="center"><b>SOUTHEAST SECTOR</b></p> <p align="center"><b>CITY OF CELINA, COLLIN COUNTY, TEXAS</b></p> |              |                                                                                                                                                     |                |                  |
| <b>DESIGN</b>                                                                                                                                                        | <b>DRAWN</b> | <b>DATE</b>                                                                                                                                         | <b>JOB NO.</b> | <b>SHEET NO.</b> |
| JCI/JLH                                                                                                                                                              | JCI/JLH      | JANUARY 2016                                                                                                                                        | 3551-14,141    | <b>W-31</b>      |



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|            | 01/06/2016  | SHEET ADDED WITH CHANGE ORDER #2 |
| <b>NO.</b> | <b>DATE</b> | <b>REVISION</b>                  |

**Pacheco Koch**

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 TX REG. ENGINEERING FIRM F-14439  
 TX REG. SURVEYING FIRM LS-101938--05

## PROPOSED 12" WATER MAIN - W3-2

### PLAN & PROFILE

STA 2+00 TO 9+00

## WATER LINES W1 & W2

### SOUTHEAST SECTOR

CITY OF CELINA, COLLIN COUNTY, TEXAS

| DESIGN  | DRAWN   | DATE            | JOB NO.     | SHEET NO. |
|---------|---------|-----------------|-------------|-----------|
| JCI/JLH | JCI/JLH | JANUARY<br>2016 | 3551-14.141 | W-32      |



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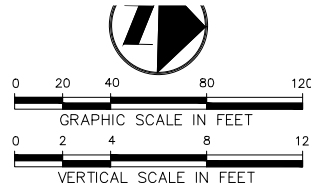
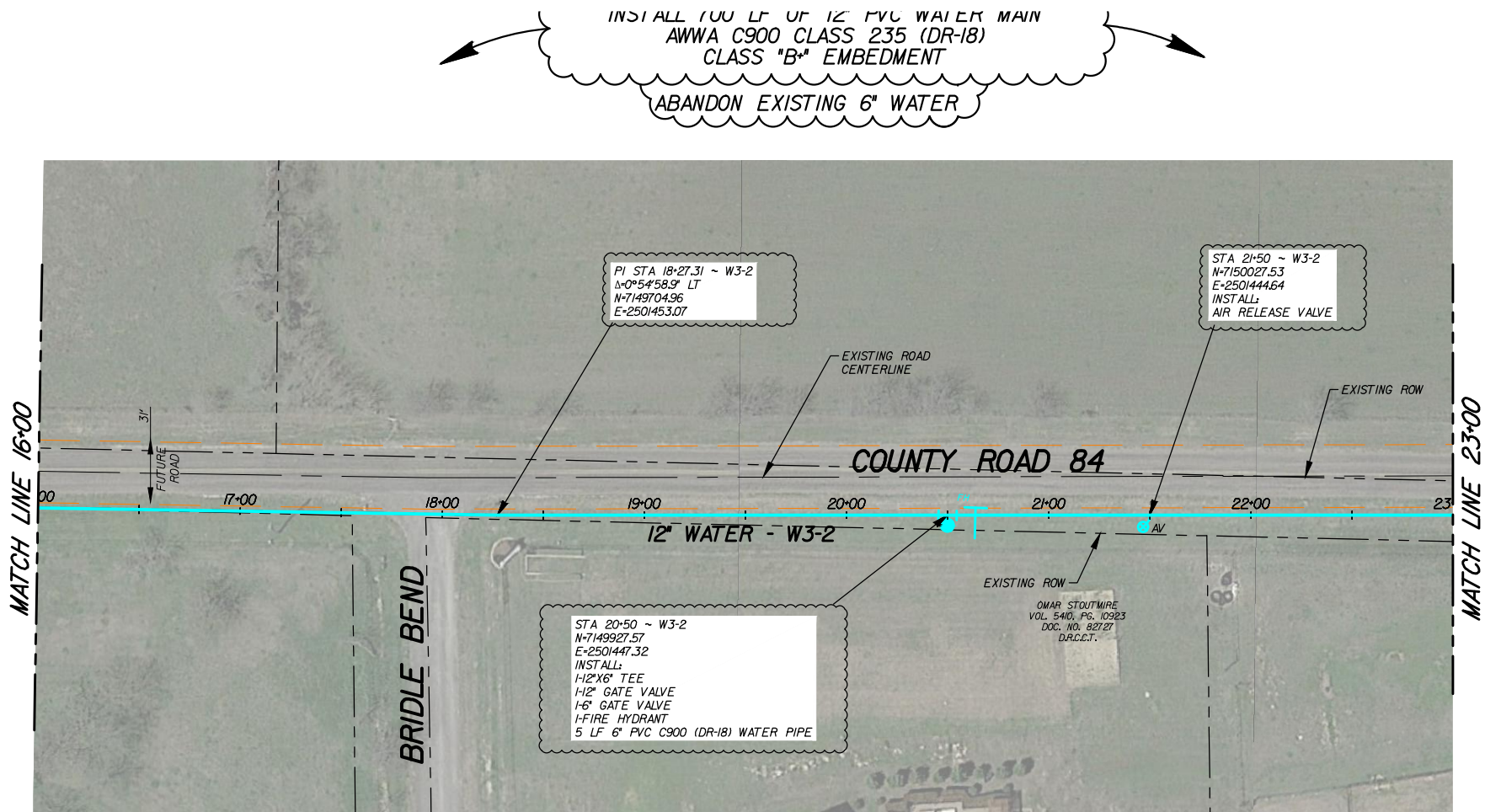
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DALLAS, TX 75206 972.235.3031  
TX REG. ENGINEERING FIRM F-14439  
TX REG. SURVEYING FIRM LS-101938-01

## WATER LINES W1 & W2 SOUTHEAST SECTOR

***CITY OF CELINA, COLLIN COUNTY, TEXAS***

| DESIGN  | DRAWN   | DATE            | JOB NO.     | SHEET NO.   |
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| JCI/JLH | JCI/JLH | JANUARY<br>2016 | 3551-14.141 | <b>W-33</b> |

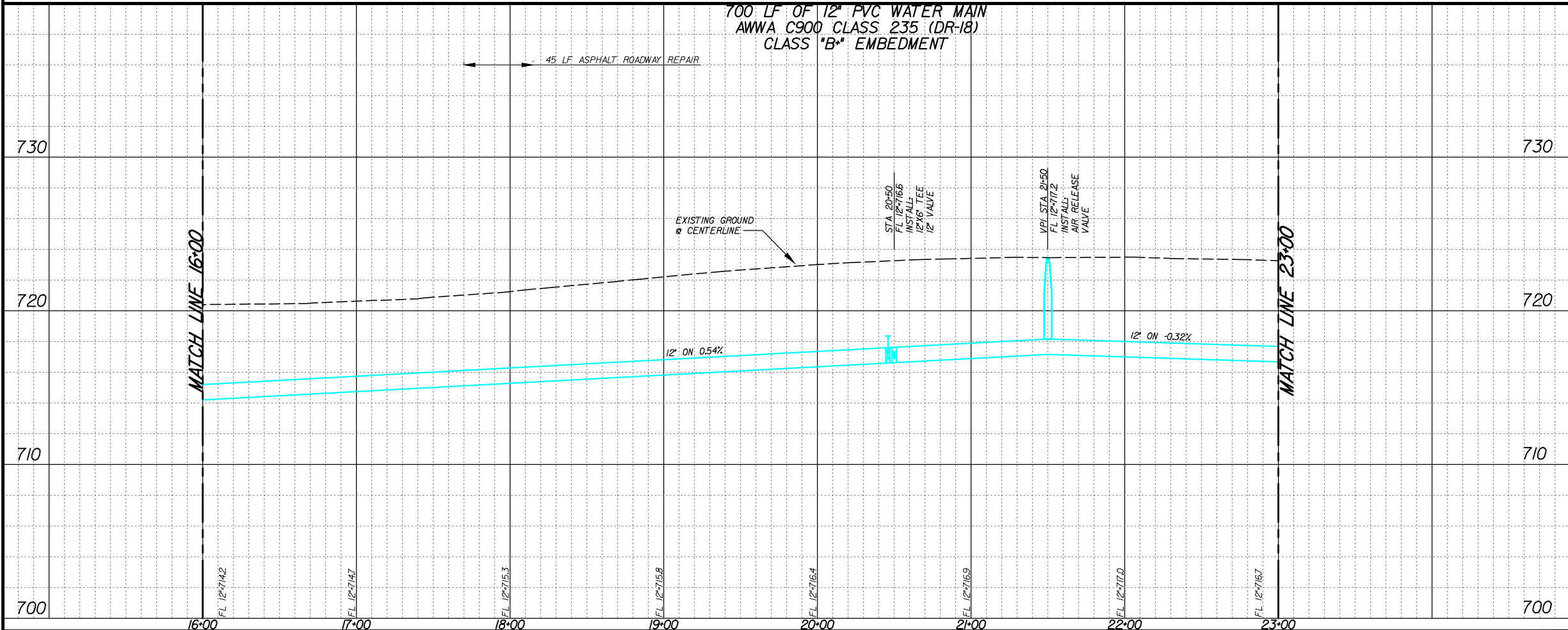


LEGEND

- PROPOSED WATER LINE
- FUTURE EDGE OF PAVEMENT

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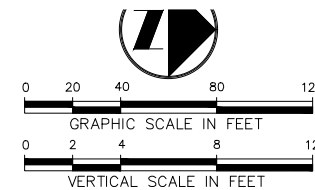
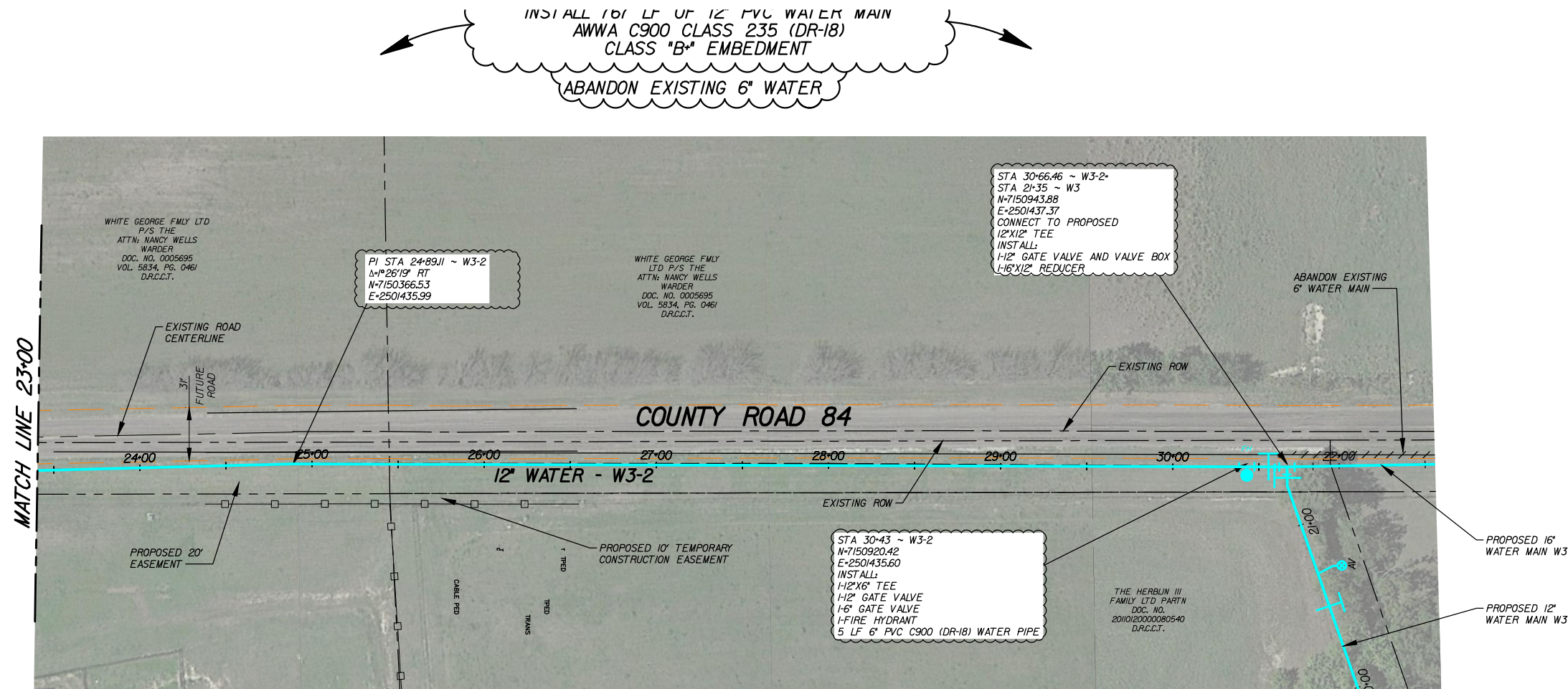
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| NO. | DATE       | REVISION                         |
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| 1   | 01/06/2016 | SHEET ADDED WITH CHANGE ORDER #2 |

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DALLAS, TX 75206 972.235.3031  
TX REG. ENGINEERING FIRM F-14439  
TX REG. SURVEYING FIRM LS-101938-05

| PROPOSED 12" WATER MAIN - W3-2<br>PLAN & PROFILE<br>STA 16+00 TO 23+00          |         |              |             |             |
|---------------------------------------------------------------------------------|---------|--------------|-------------|-------------|
| WATER LINES W1 & W2<br>SOUTHEAST SECTOR<br>CITY OF CELINA, COLLIN COUNTY, TEXAS |         |              |             |             |
| DESIGN                                                                          | DRAWN   | DATE         | JOB NO.     | SHEET NO.   |
| JCI/JLH                                                                         | JCI/JLH | JANUARY 2016 | 3551-14.141 | <b>W-34</b> |

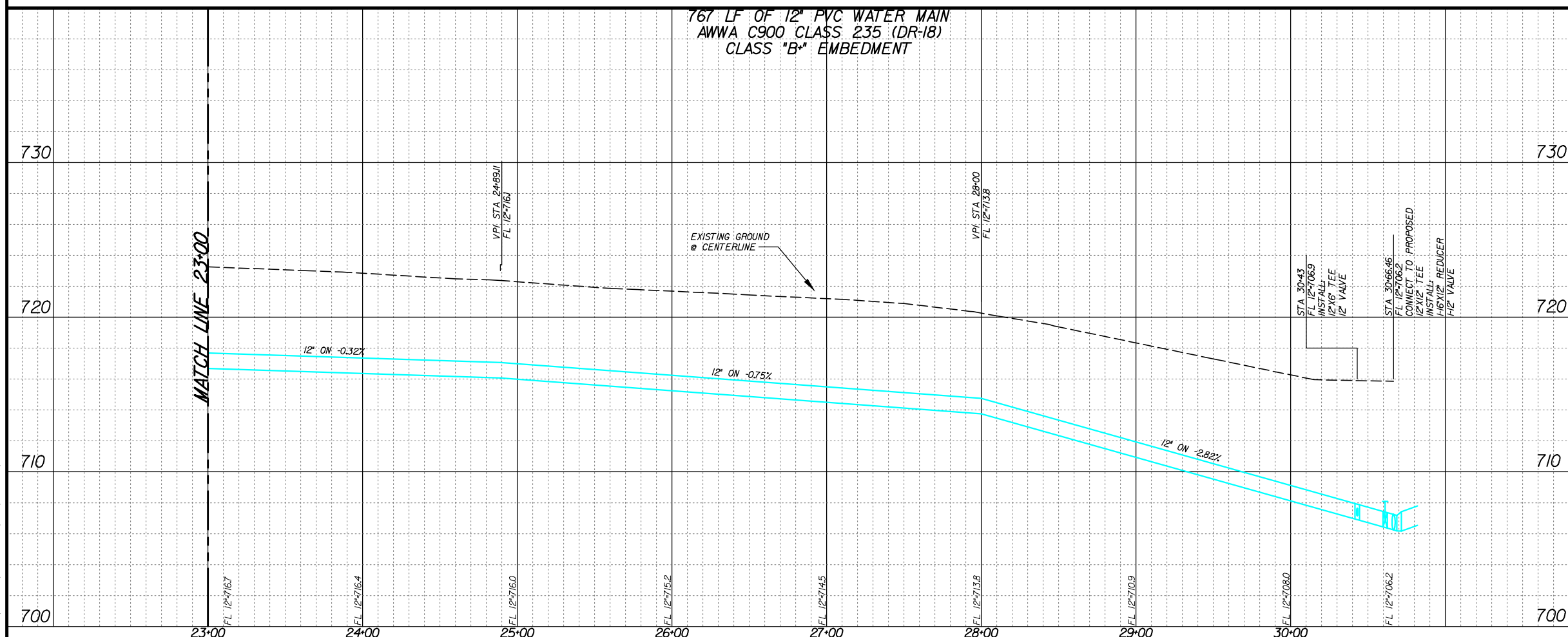


## LEGEND

- PROPOSED WATER LINE  
- - - FUTURE EDGE OF PAVEMENT

**NOTE:**

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| <b>NO.</b> | <b>DATE</b> | <b>REVISION</b>                   |



**PROPOSED 12" WATER MAIN - W3-2**  
**PLAN & PROFILE**  
**STA 23+00 TO 30+66.48**

## WATER LINES W1 & W2 SOUTHEAST SECTOR

***CITY OF CELINA, COLLIN COUNTY, TEXAS***

| DESIGN  | DRAWN   | DATE            | JOB NO.     | SHEET NO.   |
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| JCI/JLH | JCI/JLH | JANUARY<br>2016 | 3551-14.141 | <b>W-35</b> |

**Section 02 00 00**  
**PROJECT TECHNICAL SPECIFICATIONS**  
**Water Lines W1 & W2 Southeast Sector**

**PAY ITEM No. 1: MOBILIZATION**

This item governs the movement of personnel, equipment and supplies to and from the project site to begin work and will be in accordance with 01 29 10, Mobilization. This item will be measured by the lump sum (LS) as work progresses. Payment for this item will be partial payments as depicted in 01 29 10, Mobilization, payment section and shall be full compensation for all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**BID ITEM No. 2: TRAFFIC CONTROL**

Work performed under this item shall be to provide traffic control and to install, move, replace, maintain, clean, and remove upon completion of work all barricades, signs, cones, lights, and other traffic control devices used for traffic handling as indicated on the plans and as directed.

The following work shall be done under this item:

- A. The work performed under this item shall be completed in accordance with TxDOT Item 502, "Barricades, Signs and Traffic Handling."
- B. Modification to TxDOT Item 502: The traffic control plan provided in the plans represents a typical situation and is not all inclusive and does not relieve the contractor from providing additional traffic control devices as needed to control traffic.
- C. The contractor shall submit a detailed traffic control plan to the City Engineer for approval at least one week prior to the beginning of construction. The plan shall be prepared by a licensed professional engineer in the State of Texas.
- D. The Contractor shall provide barricades as per the Traffic Control Plan and as per guidelines in the "Texas Manual on Uniform Traffic Control Devices," Latest Revision.
- E. Removal of existing and temporary pavement and pavement markings shall be subsidiary to this bid item.
- F. Modifications to TxDOT item 502.3 & 502.4 are subsidiary to the Traffic Control pay item.

This item will be measured in lump sum, LS. Payment for this item shall be by the contract unit price bid per lump sum and shall be full compensation for all materials, equipment, labor, tools, and incidentals necessary to complete the work.

**PAY ITEM No. 3: PROJECT SIGNS**

Payment for this work shall be made on the unit bid price per each for the project designation signs. Payment shall constitute full compensation for all labor, materials, and equipment necessary for the complete fabrication, installation and removal of two (2) standard City of Celina project designation signs.

**PAY ITEM No. 4: TEMPORARY EROSION, SEDIMENTATION AND WATER POLLUTION PREVENTION (SWPPP)**

This item governs the installation, maintenance, and removal of erosion, sedimentation, and environmental control devices and shall be done in accordance with NCTCOG Item 201.1. An erosion control plan shall be provided by the Contractor and shall be prepared by a professional engineer registered in the State of Texas. This item will be measured as a lump sum (LS). Payment for this item shall be by the contract unit price bid per lump sum and shall be full compensation all maintenance materials, labor, tools, equipment, and incidentals necessary to complete the work. These devices shall not be removed for any reason until the project is approved by the City of Celina.

**PAY ITEM No. 5: GENERAL SITE PREPARATION**

This item governs preparing the right-of-way and designated easements as shown on the plans and in accordance with NCTCOG Item 203.3. Included in this item is the removal of trees, shrubs, structures, as well as, but not limited to, wastewater, water, and/or storm drain to be replaced and manholes. Measurement and payment for this item shall be made on a lump sum basis (LS) and shall be full compensation for all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 6: 6" PVC C-900, DR-18 WATER MAIN PIPE**

This item governs the furnishing and installation of 6" PVC C-900, DR-18 Water Main pipe at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 506. Embedment and backfill shall be Type "B+" as shown on the plans and shall be installed in accordance with NCTCOG Item 504, "Open Cut- Backfill." Embedment and backfill is considered subsidiary to this item. Measurement and payment for this item shall be by the contract unit price bid per the linear foot (LF) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 7: 12" PVC C-900 CLASS 235, DR-18 WATER MAIN PIPE**

This item governs the furnishing and installation of 8" PVC C-900 Class 235, DR-18 Water Main pipe at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 506. Embedment and backfill shall be Type "B+" as shown on the plans and shall be installed in accordance with NCTCOG Item 504, "Open Cut- Backfill." Embedment and backfill is considered subsidiary to this item. Measurement and payment for this item shall be by the contract unit price bid per the linear foot (LF) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 8: 16" PVC C-905 CLASS 235, DR-18 WATER MAIN PIPE**

This item governs the furnishing and installation of 18" PVC C-905 Class 235, DR-18 Water Main pipe at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 506. Embedment and backfill shall be Type "B+" as shown on the plans and shall be installed in accordance with NCTCOG Item 504, "Open Cut- Backfill." Embedment and backfill is considered subsidiary to this item. Measurement and payment for this item shall be by the contract unit price bid per the linear foot (LF) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 9: 24" PVC C-905 CLASS 235, DR-18 WATER MAIN PIPE**

This item governs the furnishing and installation of 24" PVC C-905 Class 235, DR-18 Water Main pipe at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 506. Embedment and backfill shall be Type "B+" as shown on the plans and shall be installed in accordance with NCTCOG Item 504, "Open Cut- Backfill." Embedment and backfill is considered subsidiary to this item. Measurement and payment for this item shall be by the contract unit price bid per the linear foot (LF) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 10: 26" WELDED STEEL CASING**

This item governs the furnishing and installation of 26" Welded Steel Casing by other than open cut of the 16" sewer line at the location and depth shown on the plans and shall be in accordance with the details, and in accordance with applicable portions of NCTCOG Item 501.9 "Steel Pipe and Fittings." 24" Welded Steel Casing shall be epoxy coated and have a wall thickness of 0.375 inches. Measurement and

payment for this item shall be by the contract unit price bid per the linear foot (LF) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 11: 36" WELDED STEEL CASING**

This item governs the furnishing and installation of 36" Welded Steel Casing by other than open cut of the 24" sewer line at the location and depth shown on the plans and shall be in accordance with the details, and in accordance with applicable portions of NCTCOG Item 501.9 "Steel Pipe and Fittings." 36" Welded Steel Casing shall be epoxy coated and have a wall thickness of 0.5 inches. Measurement and payment for this item shall be by the contract unit price bid per the linear foot (LF) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 12: DUCTILE IRON FITTINGS**

This item governs the furnishing and installation of mechanical joint ductile iron fittings at locations shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.5. Measurement and payment for this item shall be by the contract unit price bid per ton (TON) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 13: 6" GATE VALVE AND VALVE BOX**

This item governs the furnishing and installation of 6" Gate Valve and Valve Box at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6. Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 14: 12" GATE VALVE AND VALVE BOX**

This item governs the furnishing and installation of 12" Gate Valve and Valve Box at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6. Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 15: 16" BUTTERFLY VALVE AND VALVE BOX**

This item governs the furnishing and installation 16" Butterfly Valve and Valve Box at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6.5. Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 16: 24" BUTTERFLY VALVE AND VALVE BOX**

This item governs the furnishing and installation 24" Butterfly Valve and Valve Box at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6.5. Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 17: 12" AIR RELEASE VALVE**

This item governs the furnishing and installation 12" Air Release Valve at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6. The air release size for this item is 12"x1" (main and release size). Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 18: 16" BLOW OFF VALVE**

This item governs the furnishing and installation 16" Blow Off Valve at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6. The blow off valve size for this item is 16"x4" (main and blow off size). Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 19: 24" AIR RELEASE VALVE**

This item governs the furnishing and installation 24" Air Release Valve at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6. The air release size for this item is 24"x2" (main and release size). Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 20: 24" BLOW OFF VALVE**

This item governs the furnishing and installation 24" Blow Off Valve at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6. The blow off valve size for this item is 24"x6" (main and blow off size). Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 21: CONNECT TO EXISTING WATER MAIN**

This item includes the connection of new water pipe to the existing 6" and 12" water lines at each end of the project without a tapping sleeve and valve. The work involved in these connections is the locating of the valves required to shut down the water system at the location of the connection and tying the new water line to the existing line by means of a sleeve. Measurement and payment for this item shall be made on the basis of the unit price bid per each for the connection made complete in place.

**PAY ITEM No. 22: TRENCH SAFETY**

This item governs providing acceptable trench safety for trenches 5' deep or more. Job conditions, locations of utilities, and pavement conditions shall be considered and work shall be in accordance with NCTCOG Item 107.19.3. Measurement and payment for this item shall be by the contract unit price bid per linear foot (LF) and shall be full compensation for all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 23: FIRE HYDRANT ASSEMBLY**

This item governs the furnishing and installation of Fire Hydrants and related appurtenances at locations shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.3. This item does not include the 6" fire hydrant lead or 6" gate valve which is paid for under the appropriate bid item. Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 24: ASPHALT PAVEMENT REPAIR**

This item governs the repair of 5' wide existing asphalt pavement with 6" thick Class A Concrete as shown on the plans and in accordance with the details and the applicable portions of NCTCOG Item 402, "Pavement Cut, Excavation, and Repair." Measurement and payment for this item shall be by the contract unit price bid per linear foot (LF) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 25: REMOVE WIRE FENCE**

This item governs the construction of barbed wire fence supported on metal or wood posts in accordance with the details and at the locations shown on the plans. Work shall be performed in accordance with NCTCOG Item 801.5, "Wire Fence." Measurement and Payment shall be by the contract unit price bid per linear foot (LF) and shall be full compensation for materials, labor, equipment, tools, and incidentals necessary to complete the work.

**PAY ITEM No. 26: REPLACE WIRE FENCE**

This item governs the construction of barbed wire fence supported on metal or wood posts in accordance with the details and at the locations shown on the plans. Work shall be performed in accordance with NCTCOG Item 801.5, "Wire Fence." Measurement and Payment shall be by the contract unit price bid per linear foot (LF) and shall be full compensation for materials, labor, equipment, tools, and incidentals necessary to complete the work.

**PAY ITEM No. 27: SEEDING**

This item governs preparing the ground, providing and planting seed mixture along and across areas designated on the plan set. This item shall be done in accordance with NCTCOG item 202.6.4, "Seeding Turf Grass." Topsoil shall be done in accordance with NCTCOG 202.2, "Topsoil" and is considered subsidiary to this item. Measurement and Payment shall be by the contract unit price bid per square yard (SY) and shall be full compensation for materials, labor, equipment, tools, and incidentals necessary to complete the work.

**PAY ITEM No. 28: SODDING**

This item governs preparing the ground, providing and installing sod along and across areas designated on the plan set. This item shall be done in accordance with NCTCOG item 202.5, "Sodding." Topsoil shall be done in accordance with NCTCOG 202.2, "Topsoil" and is considered subsidiary to this item. Measurement and Payment shall be by the contract unit price bid per square yard (SY) and shall be full compensation for materials, labor, equipment, tools, and incidentals necessary to complete the work.

**PAY ITEM No. 29: 6" CUT-IN-VALVE**

This item governs the furnishing and installation of 6" Cut-In valve at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6. Sizes of cut-in valves shown in plan set are to be field verified prior to purchase and installation. No additional payment will be made for incorrect valve sizes. The Contractor is responsible for coordinating with the City regarding installation times and exact locations. Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**PAY ITEM No. 30: 16" AIR RELEASE VALVE**

This item governs the furnishing and installation 16" Air Release Valve at locations and depths shown on the plans and shall be in accordance with the applicable portions of NCTCOG Item 502.6. The air release size for this item is 16"x2" (main and release size). Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.

**BID ITEM 31: EXCAVATION FOR LOCATION OF EXISTING UTILITIES**

This item governs the excavation for location of existing utilities. The Contractor shall coordinate with the City regarding the locations and dates of excavation prior to beginning excavation. All excavation for location of existing utilities shall be complete prior to the connections, excavations, and laying of pipe. Excavation can be complete by exploratory or vacuum excavation, however no additional payment shall be made for either excavation type. Excavation for location of existing utilities shall be done, at minimum, for all cut-in valves and connection to existing water main locations. The Contractor shall submit a report of the excavation findings to the City and if the findings show a conflict to the proposed work, the Contractor shall notify the City immediately for appropriate design changes. The Contractor shall return the excavated area to a condition that is the same as or better than that which existed prior to the work being done. Measurement and Payment shall be by the contract unit price bid per each (EA) and shall be full compensation for materials, labor, equipment, tools, and incidentals necessary to complete the work.

**BID ITEM 32: 3/4" SERVICE TRANSFER**

This item governs the location and transfer of existing water services at the locations shown on the plans and shall be in accordance with the details and in accordance with applicable portions of NCTCOG Item 203.1.3 and 502.10. Size of service shall be verified before any appurtenances are purchased. No additional payment will be made for incorrect sizes. Measurement and payment for this item shall be by the contract unit price bid per each (EA) and shall include all materials, labor, tools, equipment, and incidentals necessary to complete the work.



Engineering/Public Works  
City of Celina, Texas

## Memorandum

To: **Honorable Mayor Terry and the Celina City Council**  
From: Alan Fourmentin, Assistant Public Works Director  
CC: Gabe Johnson, Director of Public Works  
Date: February 18, 2016  
Re:

---

### Action Requested:

Consider and act to authorize the Mayor to execute a contract Change Order No. 1 with Red River Construction in the amount of \$46,157.08 for the construction of the Southeast Sector Sewer Phase 3 - SE Sector Lift Station. (Johnson)

### Background Information:

This change order reflects the addition of a chemical additive to the concrete walls and deck lid to prevent long-term degradation in the amount of \$47,157.08; and a rebate credit of \$1,000 for two 16" check valves.

### Financial Considerations:

Contingency funds will be utilized.

### Legal Review:

The City Attorney has reviewed and approved the contract as presented.

### Supporting Documents:

Change Order #1

### Staff Recommendation:

Approval

# Change Order

City of Celina  
Engineering and Public Works  
142 N. Ohio Street • Celina, Texas 75009



STEVE SUMMERKAMP – RED RIVER

To: CONSTRUCTION

2804 CAPITAL ST.

WYLIE, TX 75098

## Basis of Change Order:

- |                                                          |                                                   |
|----------------------------------------------------------|---------------------------------------------------|
| <input type="checkbox"/> Error / Omission (A/E)          | <input type="checkbox"/> Differing Site Condition |
| <input type="checkbox"/> Error/ Omission (CM)            | <input type="checkbox"/> Field Resolution         |
| <input checked="" type="checkbox"/> Owner Request (User) | <input type="checkbox"/> Owner Request (Other)    |
| <input type="checkbox"/> Value Engineering               | <input type="checkbox"/>                          |

Contract No.:

Change Order No.: 01

Project Number: PWK SEW 2014-06

Project Name: SOUTHEAST SECTOR - PHASE 3

Project Location: SE SECTOR LIFT STATION

Contract Price (indicate if zero cost)

Add: \$47,157.08

Deduct: \$1,000.00

## Contract Time:

☒ No Change    \_\_\_ Days Added    \_\_\_ Days Deducted

## Cost Basis: (check all that apply)

- |                                                        |                                                 |
|--------------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> Time & Material Not to Exceed | <input checked="" type="checkbox"/> Fixed Price |
| <input type="checkbox"/> Allowance (described below)   | <input type="checkbox"/> Unit Price             |

Your company is authorized and directed to proceed with the following (attach additional sheets if needed):

PCM-01 Deduct - \$500/ea Dezurick/Apco rebate on two check valves. DEDUCT (\$1,000.00)

PCM-04 Add - Addition of ConShield admixture to wet well wall and deck slab concrete. ADD \$47,157.08

TOTAL, ADD = \$46,157.08

## Justification:

City standard to include conshield on concrete sewer structures.  
See PCM-01 and PCM-04, attached.

Special Notice: This Change Order identifies satisfaction of all compensation and time adjustments related to this change to the Work.

## External Construction Manager Recommendation:

Name Jeff McClelland

Signature

Date

## Contractor Concurrence:

Name Steve Summerkamp

Signature

Date

## A/E Recommendation:

Name Jay C. London

Signature

Date

## City of Celina Manager Approval:

Name Gabe Johnson

Signature

Date

Contractor proposal for adjustments in contract sum, contract time, or both, are to be submitted within 14 days of the City approval of the Change Order. Maximum amount for any one Change Order shall conform to the City guidelines and project specifications. Proposals must conform to Change Order Procedures and Pricing Guidelines.

PROJECT: Southeast Sector Lift Station, Force Main, and Metering Vault

PROJECT NUMBER

OWNER: Cit of Celina, TexasCONTRACTOR: RED RIVER CONSTRUCTION CO.ENGINEER: Pacheko KochREFERENCE: Credit for Allowing Dezurik Check Valves

309

3551-14.141

Date: Jan. 18, 2016

The Contractor proposes to make the following additions, modifications, or deletions to the Work described in the Contract Documents:

The below price credit is for allowing Apco/Dezurik check valves on this project because they originally weren't specified. A \$500 credit per check valve is given to the owner:

|      |                                   |                     |
|------|-----------------------------------|---------------------|
| 2 EA | 12" Swing Check Valves @ \$500/EA | (\$1,000.00)        |
|      | <b>Subtotal:</b>                  | <b>(\$1,000.00)</b> |
|      | <b>TOTAL:</b>                     | <b>(\$1,000.00)</b> |

Prepared by Red River Construction Company, Inc.

By: Steve Summerkamp  
Steve Summerkamp, Project Manager

DESCRIPTION OF CONTRACTOR'S PROPOSED MODIFICATION # ~~3~~ 4  
(PCM-04)

PROJECT: Southeast Sector Lift Station, Force Main, and Metering Vault

PROJECT NUMBER

OWNER: City of Celina, TexasCONTRACTOR: RED RIVER CONSTRUCTION CO.309ENGINEER: Pacheko Koch3551-14.141REFERENCE: ConshieldDate: Feb. 1, 2016

The Contractor proposes to make the following additions, modifications, or deletions to the Work described in the Contract Documents:

The below cost is to add Conshield to the concrete mix design for the lift station walls and roof deck. The dry well meter vault slab and walls have been excluded.

|                  |                        |                    |
|------------------|------------------------|--------------------|
| 275 Gal.         | Conshield @ \$145/Gal. | \$39,875.00        |
| 1 LS             | Small Tools            | \$225.00           |
| 4 Hrs            | Labor @ \$18/Hr.       | \$72.00            |
| 3 Hrs            | Supervision @ \$45/Hr. | \$135.00           |
| 45%              | Labor Burden           | \$93.15            |
| <b>Subtotal:</b> |                        | <b>\$40,400.15</b> |
| 15%              | Contractors Fee        | \$6,060.02         |
| 1.5%             | Bond Fee               | \$696.90           |
| <b>TOTAL:</b>    |                        | <b>\$47,157.08</b> |

Prepared by Red River Construction Company, Inc.

By: Steve Summerkamp  
Steve Summerkamp, Project Manager

**Steven Summerkamp**

---

**From:** Van Young <van@conshield.com>  
**Sent:** Monday, February 01, 2016 3:23 PM  
**To:** Steven Summerkamp  
**Cc:** Don Yonts  
**Subject:** ConShield Quotation for Salina SE Sector Phase 3  
**Attachments:** 1-CSTI-015 ConShield Technical Bulletin 21109.pdf; ConShield MSDS.pdf; ConShieldReadymixQAQCProtocols0915.pdf; CREDIT APP ConShield.pdf

**Steve,**

**Appreciate the phone call, per our conversation your pricing is as below, fob our plant in Illinois.**

**TEXAS CONTRACTOR PRICING**

|                     |          |                   |          |                         |
|---------------------|----------|-------------------|----------|-------------------------|
| <b>5 gal Pails</b>  | <b>-</b> | <b>160.00/gal</b> | <b>-</b> | <b>\$800.00 each</b>    |
| <b>55 gal Drum</b>  | <b>-</b> | <b>145.00/gal</b> | <b>-</b> | <b>\$7,975.00 each</b>  |
| <b>275 gal Tote</b> | <b>-</b> | <b>130.00/gal</b> | <b>-</b> | <b>\$35,750.00 each</b> |

**I have also attached the following information:**

- **ConShield Tech Data Sheet**
- **ConShield MSDS**
- **ConShield Cast-In-Place QA/QC Protocols**
- **ConShield Credit Application**

**As per the QA/QC Protocols, a project mix design must be approved before product can be shipped. Please forward the mix design to this office. If you have other questions, please feel free to contact me at your convenience.**

**Kind Regards,**  
**Van Young**  
**Regional Manager**



[van@conshield.com](mailto:van@conshield.com) [www.conshield.com](http://www.conshield.com)

**SPRING, TX**  
**OFFICE/CELL: 832-609-8746**

Attachment: CO NO. 01\_SE SECTOR PH 3 (1478 : Construction Change Order - SE Sector Sewer Line)

**NOTICE: THIS EMAIL AND ATTACHMENTS ARE COVERED BY THE ELECTRONIC COMMUNICATIONS PRIVACY ACT, 18 U.S.C. 2510-2521. THE INFORMATION IS CONFIDENTIAL AND MAY BE LEGALLY PRIVILEGED. IF YOU ARE NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY RETENTION, DISSEMINATION, DISTRIBUTION, OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. PLEASE REPLY TO THE SENDER THAT YOU HAVE RECEIVED THE MESSAGE IN ERROR, THEN DELETE IT. THANK YOU FOR YOUR COOPERATION.**

Attachment: CO NO. 01\_SE SECTOR PH 3 (1478 : Construction Change Order - SE Sector Sewer Line)



**Engineering/Public Works**  
City of Celina, Texas

## Memorandum

To: **Honorable Mayor Terry and the Celina City Council**  
From: Alan Fourmentin, Assistant Public Works Director  
CC: Gabe Johnson, Director of Public Works  
Date: February 18, 2016  
Re:

---

### **Action Requested:**

Consider and act upon a task order authorization by and between the City of Celina and Halff Associates, Inc for Professional Services. (Johnson)

### **Background Information:**

This Task Order 3 will provide the digitization of assets from as-built plans into the existing GIS database; create a new webmap to be utilized by development firms; import the shapefiles and data collected from the I&I study; update the attributes for water, wastewater, and storm sewer pipes; and create two additional layers to be utilized for monthly data collection by the Water Department.

### **Financial Considerations:**

Funding will be provided from the 2016 general fund bond issuance.

### **Legal Review:**

The City Attorney has reviewed the proposed contract for content and form.

### **Supporting Documents:**

Task Order 3

### **Staff Recommendation:**

Approve

City of Celina  
Task Order Authorization Agreement  
For  
Professional Services with Halff Associates, Inc.

**City of Celina GIS Database Support  
Task Order Authorization No. 3  
February 8, 2016**

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Scope of Work:</b>                         | <ol style="list-style-type: none"> <li>1. Digitize features from as-built plans provided by the City               <ol style="list-style-type: none"> <li>a. The City will provide Halff 74 pdf files and 13 hard copies of as-built plans</li> <li>b. Halff will scan the 13 hard copies to pdf format</li> <li>c. These plans included 860 sheets that contained either water, sewer, or stormwater assets</li> <li>d. Halff will georeference each sheet and digitize the assets into the City's GIS database hosted by Halff</li> </ol> </li> <li>2. Create a new web map for use by the Development community               <ol style="list-style-type: none"> <li>a. A new security role will be created for developer user accounts</li> <li>b. The developer web map will include the existing City GIS layers but will not allow for editing</li> </ol> </li> <li>3. Import shapefiles from City's I&amp;I study               <ol style="list-style-type: none"> <li>a. Wastewater pipe alignments and attributes collected as part of the City's I&amp;I study will be imported into the existing GIS data layers</li> </ol> </li> <li>4. Update existing web maps to display a pipe diameter for water, wastewater, and stormwater pipes when the user zooms in.</li> <li>5. Create two additional GIS data layers               <ol style="list-style-type: none"> <li>a. Disinfectant Residual Sites – point feature class</li> <li>b. Bacteriological Sample Sites – point feature class</li> <li>c. Add both GIS layers to the existing secured web map and provide the ability to edit these layers.</li> </ol> </li> </ol> |
| <b>Deliverables:</b>                          | <ol style="list-style-type: none"> <li>1. Updated GIS feature classes</li> <li>2. Developer web map</li> <li>3. Updated wastewater GIS layers</li> <li>4. Updated web map to support labeling</li> <li>5. Updated web map with editing capability for point layers</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Items Furnished by the City of Celina:</b> | <ol style="list-style-type: none"> <li>1. 74 As-built plans as pdf files (already received on 11/3/2015), 13 additional as-built plans as hard copies to be delivered.</li> <li>3. Shapefiles from I&amp;I study</li> <li>5. Attribute fields needed for each point feature class</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Attachment: Task Order No.3 Authorization Form 20160208a (1479 : Task Order 3 - Halff Associates, Inc.)

City of Celina  
Task Order Authorization Agreement  
For  
Professional Services with Halff Associates, Inc.

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Schedule:</b> | <ol style="list-style-type: none"><li>1. Estimated time frame for converting as-built plans will be 16 weeks from notice to proceed.</li><li>2. Estimated time frame for creating the Developer web map will be 2 weeks from notice to proceed.</li><li>3. Estimated time frame for importing the I&amp;I data is 1 week from receipt of data from the City.</li><li>4. Estimated time frame for adding labeling to the web map will be 1 week from notice to proceed.</li><li>5. Estimated time frame for creating additional GIS data layers and adding them to the web map will be 2 weeks from receipt of required point attribute fields.</li></ol> |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Attachment: Task Order No.3 Authorization Form 20160208a (1479 : Task Order 3 - Halff Associates, Inc.)

City of Celina  
Task Order Authorization Agreement  
For  
Professional Services with Halff Associates, Inc.

|              |                                                                                                                                                                                                                                                                                                                                                                 |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fees:</b> | 1. Plan Conversion to GIS.....\$43,800<br>2. Create Developer Web Map.....\$2,500<br>3. Import Shapefiles from I&I Study.....\$1,200<br>4. Update Pipe Layers with Labeling.....\$1,000<br>5. <u>Create New GIS Data Layers.....\$1,200</u><br><br><b>Total Fee.....\$49,700</b><br><br>This fee will be billed as a lump sum amount based on percent complete. |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Halff Associates is performing the services above under the terms and conditions described in the **Agreement For Professional Services** for the **City of Celina GIS Database Support** project, dated 07/14/2015, between Halff Associates and the City of Celina. Halff Associates will bill the above described services under AVO 31106.

Submitted

Approved

**Halff Associates, Inc.****City of Celina**

Erin Atkinson, PE, CFM, GISP
Title: Vice President

Title: \_\_\_\_\_

Date: 2/8/2016

Date: \_\_\_\_\_

Attachment: Task Order No.3 Authorization Form 20160208a (1479 : Task Order 3 - Halff Associates, Inc.)