



STAFF REPORT

DATE: January 26, 2022
TO: Ty Lasher, City Manager
FROM: Anne Stephens, Public Works Director
RE: Woodlawn Project – Proposed Change Orders 1 and 2 - REVISED

Proposal Focus:

Our Mission

- Attractive growth and safe living – Encourage attractive neighborhoods and new developments.

Our Values

- Working Together – Departments working together as one team. Staff working with residents, HOA's and neighborhoods. Citizens working with each other.

Current Situation:

As the Contractor prepares for the water line bore underneath the railroad, they ran into a potential conflict with the installation of the new casing as it is too close to the existing casing to execute the bore as proposed. Additionally, when researching the proposed shutdown for the bore, they noticed that there is no clean way to shut off this area of main without disrupting the water service to a large number of houses.

Since the January 4th City Council meeting, the Contractor performed some explorations on both the north and south side of the railroad tracks.

Goals:

- To grow the City in an attractive, safe manner that is consistent with City standards.

Discussion:

The installation of the water line underneath the railroad was always planned to occur during the road construction project to avoid the need for additional temporary pavement or closure of the roadway which would be necessary for the bore pit on either side of the railroad property.

As the Contractor was preparing for the bore and the construction foreman was reviewing the plans, it came to their attention that there is potentially a conflict with the installation of the water line casing pipe as shown in the plans. It is the opinion of the foreman that the existing casing and proposed casing are too close together to execute the bore as proposed – there needs to be a certain amount of separation to ensure the safety and integrity of the existing water line as it remains in service. The second concern is the number of houses and businesses that will have their service interrupted due to the work and the proximity of the two lines.

Dondlinger has performed some exploratory work and exposed the water line on either side of the railroad tracks. They collected elevations on the water line and noted that the casing pipe did not extend to the edge of the right-of-way as required by current railroad regulations. MKEC evaluated

the water line and casing pipe in relation to the elevations provided of the existing pipe and have determined that it will be necessary to lower the proposed water main to avoid conflicts with the existing pipe and casing. After further research regarding the valves that were installed during the utility relocation project, MKEC also recommends installing the two valves as initially proposed.

Dondlinger has proposed two change orders that will help to address the concerns raised around the water line installation.

With this recommendation, the proposed change orders that were presented to Council in January have been combined into one change order, which is attached.

Financials:

The additional cost associated with this Change Order will be included in the bonds for non-participating expenses and paid for out of the water fund.

Recommendation:

Staff recommends Council approve Pearson Constructions Change Order Request in the amount of \$48,331.50.



January 26, 2022

Kansas Dept. of Transportation
3200 E. 45th St. N.
Wichita, KS 67220

Attention: Joe Ausilio

Re: KDOT Project 87 N-0678-01
Bel-Aire / Woodlawn, 37th St. N. to 45th St. N.
Change Order Request

Joe,

Pearson Construction requests a Change Order in the amount of **\$48,331.50** for changes in the scope of work at two potential problem areas on the waterline installation adjacent to the rail crossing. The work quoted is as discussed in various conversations between MKEC, KDOT, Dondlinger, and the City of Bel Air. The work will be subcontracted to Dondlinger & Sons, and their quote is attached for reference.

The proposed cost for this change order is itemized below.

Subcontracted	\$46,030.00
OH&P @ 5%	\$2,301.50
Total	\$48,331.50

The undersigned hereby certifies, under the penalty of law for perjury or falsification, that I am authorized to submit this contract adjustment request on behalf of the Contractor and to bind the contractor, the contract adjustment request is made in good faith and, to the best of the Contractor's knowledge and belief, is a true and complete statement of the actual costs and time incurred for the Contract Change and is authorized by the Contract. I further certify that no additional claims will be submitted related to this contract adjustment request, and the Contractor has documentation that supports the contract adjustment request.

Respectfully Submitted,
PEARSON CONSTRUCTION, LLC

Brian D. Boutwell, P.E.
Project Manager



Dondlinger

CONSTRUCTION

January 26, 2022

Pearson Construction
Attn: Brian Boutwell
Project Manager

Ref: Woodlawn – 37th Street North to 45th Street North; **PCO #001 & PCO #002**

Dear Brian:

As requested, below is our change order proposal for the discussed potential problem areas on the water line installation for the above referenced project:

Add: (PCO #1)

New Item – Cut in & Install (2) 8” Gate Valves 1 LS @ \$22,000.00/LS = \$22,000.00

Total Add for this Change Order +\$22,000.00

Inclusions:

8” MJ Gate Valves, Valve Boxes, Flush Stations, Tracer Connectors, and Anodes.
Anchoring Materials for the two New Special Type Gate Valves.
Small Section of DICL Pipe, Polywrap, Poly Tape, DI and PVC Restraints, and Sleeves.
Bedding materials for New Pipe Components and Fittings.
Fill Sand for Approx 20ft on Each Side of Pipe Next to Cut In Location.
Labor and equipment cost to cut in and install the (2) Gate Valves and all Components.

Add: (PCO #2A-1)

New Item – Lower 8” Waterline Below Existing Casing 1 LS @ \$24,000.00/LS = \$21,500.00

Total Add for this Change Order +\$21,500.00

Inclusions:

(4) 8” MJ 45 Deg Restrained Bends (onsite reusing existing), new gasket and bolt sets for MJ Fittings, Routing WL below Existing Casing.
Small Sections of DICL Pipe, Polywrap, Poly Tape, DI and PVC Restraints.
Bedding materials for New Pipe Components and Fittings.
Labor & equipment cost to cut in and install new above components for new routing.

Add: (PCO #2A-2)

WL Item 2 – 20" Steel Casing by Bore & Jack 115 LF @ \$22.00/LF = \$2,530.00

Total Add for this Change Order +\$2,530.00

Inclusions:

Boring subcontractor is requesting to increase his rate due to the depth and limited space will increase the setup time.

TOTAL CHANGE IN CONTRACT +\$46,030.00

If you have any questions, please feel free to email me at blysen@dondlingerconst.com or contact me at 316-945-0555.

Respectfully Submitted,

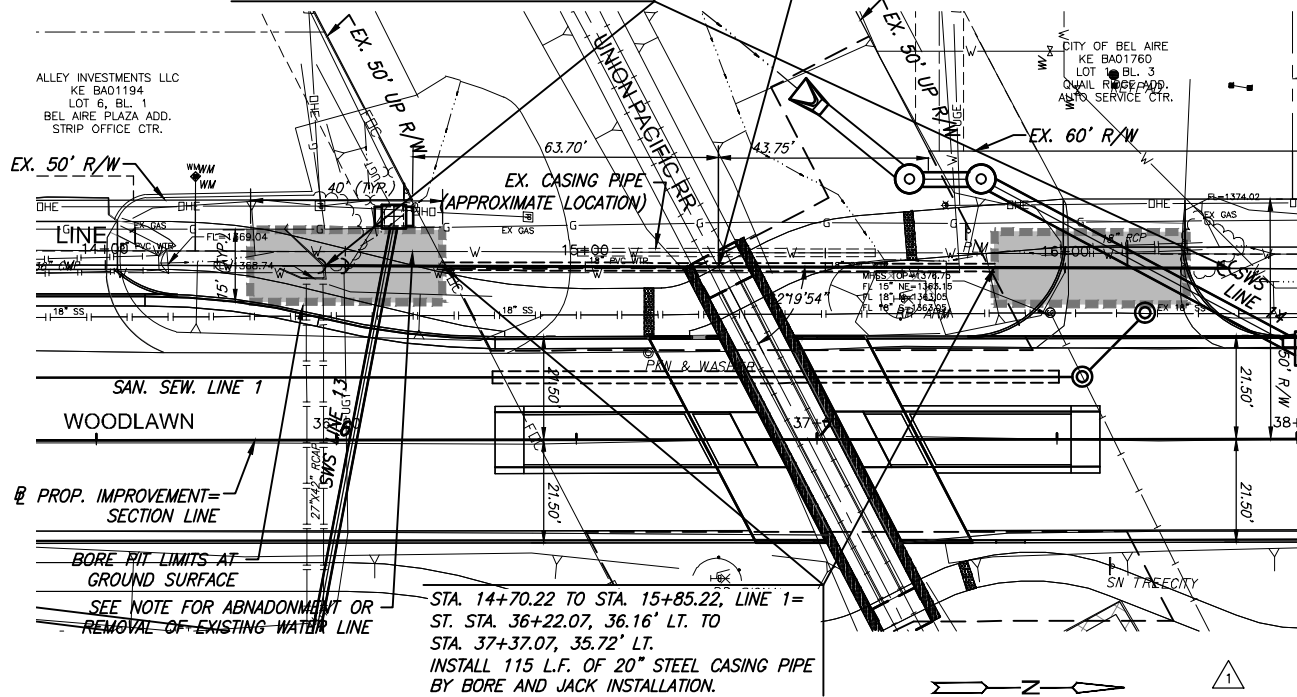


Braden Lysen
Dondlinger Construction

STA. 14+45.89 TO STA. 16+34.00, LINE 1=
ST. STA. 35+97.74, 36.25' LT. TO
STA. 37+85.85, 35.54' LT.
2-8" VALVE ASSY'S
VALVE BOX EL.=1375.67 (S), 1376.83 (N)
4-45° BENDS
188.11 L.F. OF 8" PIPE BY RESTRAINED JOINT

UNION PACIFIC RAILROAD=
WATER LINE STA. 15+27.72, LINE 1

ALLEY INVESTMENTS LLC
KE BAO1194
LOT 6, BL. 1
BEL AIRE PLAZA ADD.
STRIP OFFICE CTR.



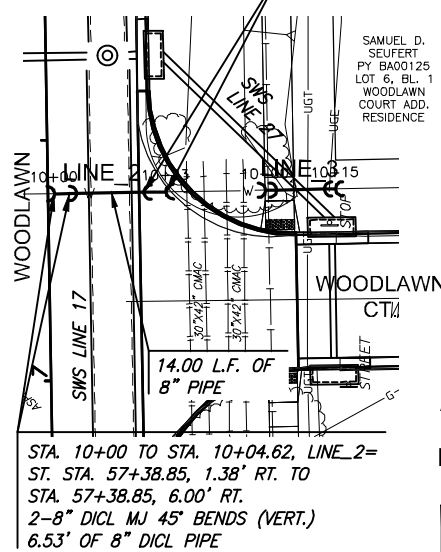
STA. 14+70.22 TO STA. 15+85.22, LINE 1=
ST. STA. 36+22.07, 36.16' LT. TO
STA. 37+37.07, 35.72' LT.
INSTALL 115 L.F. OF 20" STEEL CASING PIPE
BY BORE AND JACK INSTALLATION.



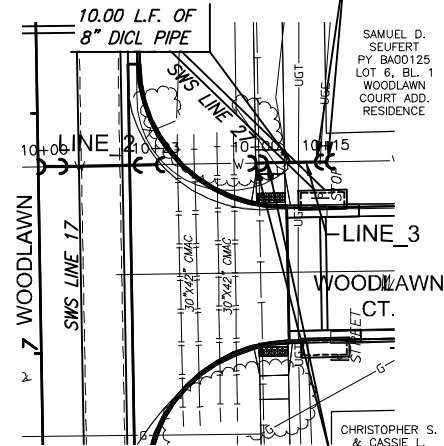
UP RAILROAD UTILITY CROSSING-REQUIRED INFORMATION

PIPE DATA	CARRIER	CASING
CONTENTS CARRIED	MUNICIPAL WATER	N/A
INSIDE DIAMETER	8"	20"
PIPE MATERIAL	PVC/DUCTILE IRON	STEEL
SPECIFICATIONS & GRADE OF MATERIAL	AWWA C905	ASTM A139 GRADE B
WALL THICKNESS	0.967"/0.30	0.344"
ACTUAL WORKING PRESSURE	97 PSI	N/A
TYPES OF JOINTS	GASKETED	WELDED
LONGITUDINAL JOINT FACTOR	N/A	N/A
COATING	NONE/ASPH ALTIC	NONE
METHOD OF INSTALLATION	---	BORE AND JACK
VENTS-NO., SIZE, HEIGHT ABOVE GROUND	---	NONE
SEALS-BOTH END, ONE END	---	BOTH
COVER-BOTTOM OF RAIL TO TOP OF PIPE	---	7.63' MIN.
COVER-OTHER THAN UNDER TRACKS	---	6.7' MIN.
COVER-AT DITCHES	---	N/A
CATHODIC PROTECTION	---	NONE
TYPE, SIZE AND SPACING OF INSULATOR SUPPORTS	RACI NORTH AMERICA SPACERS-SPACING, SIZE AND INSTALLATION PER MFG. SPECS.	

STA. 10+18.62 TO STA. 10+23.24, LINE 2=
ST. STA. 57+38.85, 20.00' RT. TO
STA. 57+38.84, 24.62' RT.
2-8" DICL MJ 45° BENDS (VERT.)
6.53' OF 8" DICL PIPE

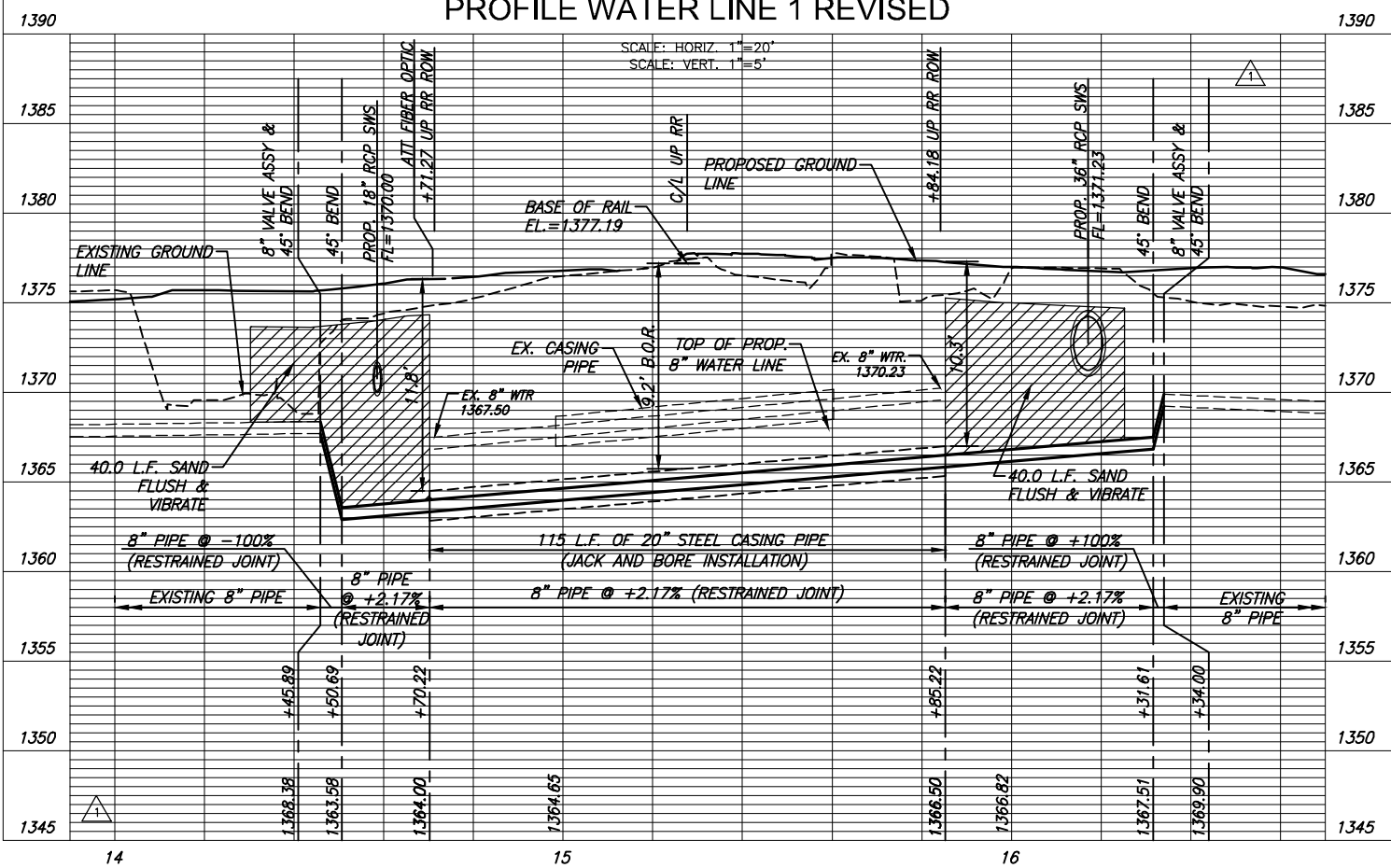


STA. 10+12.30 TO STA. 10+14.60, LINE 3=
ST. STA. 57+38.84, 57.63' RT. TO
STA. 57+38.84, 59.93' RT.
2-8" DICL MJ 45° BENDS (VERT.)
3.25' OF 8" DICL PIPE

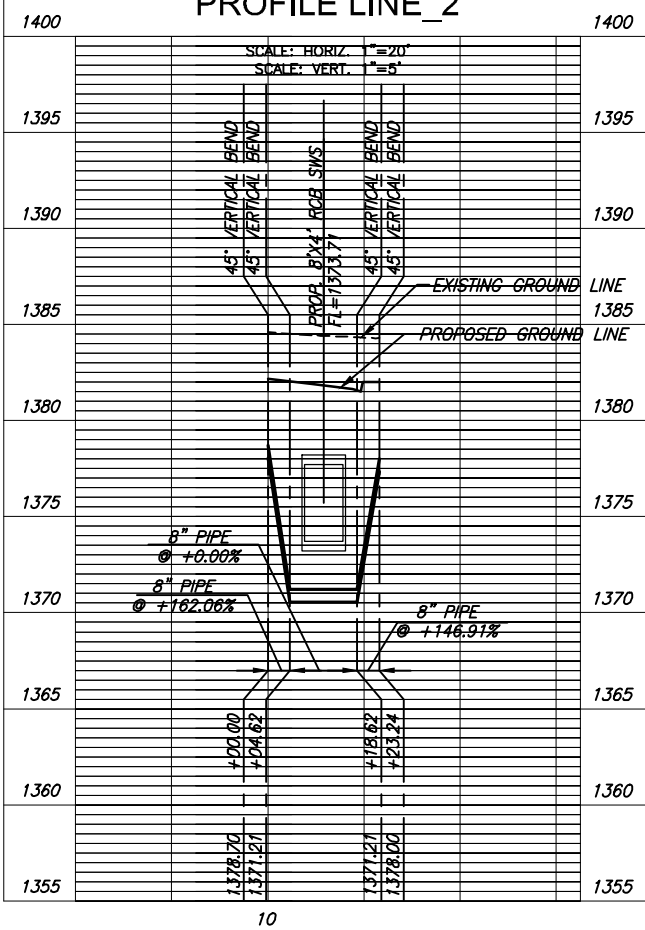


CHRISTOPHER S. & CASSIE L. DELANEY
PY BAO0134
LOT 15, BL. 1
WOODLAWN COURT ADD.
RESIDENCE

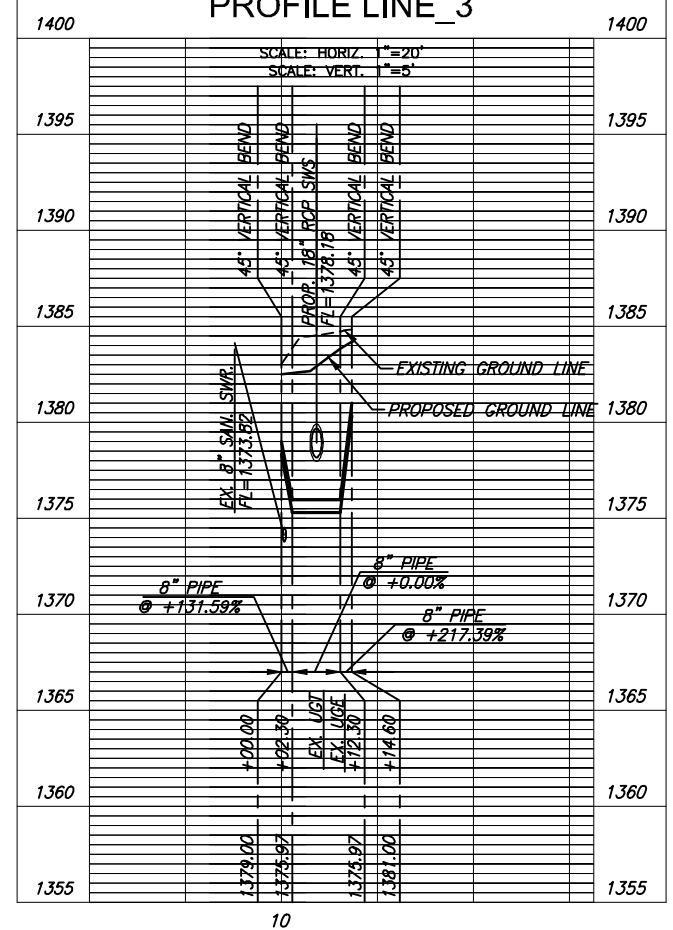
PLAN WATER LINE 1 REVISED PROFILE WATER LINE 1 REVISED



PLAN LINE 2 PROFILE LINE 2



PLAN LINE 3 PROFILE LINE 3



WATER LINE 1 PLAN & PROFILE

PROJECT NO.	87 N-0678-01		
DATE	8/11/20		
SCALE	1"=20'		
DESIGNED	DRAWN	CHECKED	
JTC	DM	JRA	

1	REVISED WATER LINE 1	1/25/22
NO.	REVISION	DATE

SHEET NO.