

City Council Staff Report



Applicant:

NA

Location:

1600 N; South Main

Prepared By:

Steven Lord, Public Works Director

Public Hearing:

No

Attachments:

RB Construction Bid Plans
Bid Tabulation

REQUEST

Contract with RB Construction to connect the PI system 1600 North and South Main Street to the Lateral Canal Pipeline and construct trailhead parking on South Main Street.

BACKGROUND & DESCRIPTION

The Mapleton Lateral Pipeline is managed by Central Utah Water Conservancy District (CUWCD) and is the primary delivery mechanism for the city's Strawberry Water. The pipeline runs the length of the City and is also the location of the Lateral Canal Parkway Trail.

The Lateral Canal Pipeline includes several turnouts along its length where the water can be accessed. Many of these are for private property owners who lost access to the canal when it was piped. A number of turnouts were designed and reserved for the City to access. We currently use such a turnout at Dogwood Drive to fill the PI pond. It was always our understanding that access to those turnouts would be restricted to water delivered to the PI pond and could not be directly connected to the system. Recently, a change in leadership at CUWCD has resulted in our gaining direct access to the pipeline, without the need to use the pond. As such, the turnouts are now available for direct connection to the system.

The location of the turnout on South Main had also made it possible to add trailhead parking to the crossing of the Later Canal Parkway Trail.

EVALUATION

Staff, aided by Hansen, Allen, and Luce, evaluated the availability of the turnouts, and determined that making connections at 1600 N, and South Main Street, as well as some minor plumbing changes in the PI pump house, would result in a significant reduction in how often we need to pump water out of the pond and into the system. We currently pump 100% of the City's water rights out of the pond to create pressure in the system. With these changes, it is likely that the pumps will only be necessary during the highest usage days of the summer.

This is a significant change in the way we operate the PI system and allows connection to the south end of town much sooner than anticipated. As further development occurs, we will be able to require developers to connect directly to the CUWCD pipe rather than building additional storage capacity.

8 bids were received through the bidding process. The average bid was \$200,483.93. The lowest qualified bidder was RB Construction with a bid of \$150,296.96. The engineer's estimate for the project was approximately \$170,000.

RECOMMENDATION

Contract with RB Construction to connect the PI system 1600 North and South Main Street to the Lateral Canal Pipeline and construct trailhead parking on South Main Street.

RESOLUTION NO. 2022-

A RESOLUTION OF THE CITY OF MAPLETON, UTAH AWARDING THE CONTRACT FOR THE CUWCD LATERAL PIPELINE CONNECTIONS PROJECT TO RB CONSTRUCTION

WHEREAS, Mapleton City wishes to continue the expansion of the Pressurized Irrigation System, and

WHEREAS, the Central Utah Water Conservancy District (CUWCD) has direct connections to the Mapleton Lateral Canal Pipeline reserved and available for Mapleton City, and

WHEREAS, connections to this pipeline will significantly decrease the use of the pumps at the pressurized irrigation pond, and

WHEREAS, a new trailhead parking lot has also been approved on South Main Street, and

NOW THEREFORE, BE IT RESOLVED by the City Council of Mapleton, Utah to contract with RB Construction to connect the PI system 1600 North and South Main Street to the Lateral Canal Pipeline and construct trailhead parking on South Main Street.

This resolution adopted this 2nd day of November, 2022 by the City Council of Mapleton City, Utah.

Dallas Hakes
Mayor

ATTEST:

Camille Brown
City Recorder

Bid Tabulation

Project Manager: Steven Lord, P.E.
Date: 25-Oct-22
Place: U3P Portal
Time: 10:00 AM



MAPLETON

PUBLIC WORKS

CUWCD PI Connections				Beck Const. & Ex. Inc.		PNL Construction Inc.		Dennis Lierd II Const. Inc.		Cody Ekker Const. Inc.	
Item #	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization & Demobilization	LS	1	\$ 19,150.00	\$ 19,150.00	\$ 16,800.00	\$ 16,800.00	\$ 30,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00
2	Quality Control Testing	LS	1	\$ 6,150.00	\$ 6,150.00	\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 2,500.00	\$ 2,500.00
3	Existing Utility Investigation	LS	1	\$ 7,725.00	\$ 7,725.00	\$ 7,400.00	\$ 7,400.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
4	Traffic Control	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 8,535.00	\$ 8,535.00	\$ 20,000.00	\$ 20,000.00	\$ 8,750.00	\$ 8,750.00
5	Pre-Construction Video	LS	1	\$ 250.00	\$ 250.00	\$ 2,200.00	\$ 2,200.00	\$ 1,500.00	\$ 1,500.00	\$ 250.00	\$ 250.00
6	Main Street PVC C900 DR18 Pipe & Fittings (PP-1)	LF	70	\$ 1,065.00	\$ 74,550.00	\$ 523.75	\$ 36,662.50	\$ 425.00	\$ 29,750.00	\$ 590.00	\$ 41,300.00
7	1600 North PVC C900 DR18 Pipe & Fittings (PP-2)	LF	125	\$ 405.00	\$ 50,625.00	\$ 276.00	\$ 34,500.00	\$ 190.00	\$ 23,750.00	\$ 295.00	\$ 36,875.00
8	8" Gate Valve Assembly	EA	2	\$ 4,300.00	\$ 8,600.00	\$ 2,791.00	\$ 5,582.00	\$ 3,500.00	\$ 7,000.00	\$ 3,800.00	\$ 7,600.00
9	Asphalt Trench Patch Restore	SY	35	\$ 155.00	\$ 5,425.00	\$ 140.00	\$ 4,900.00	\$ 110.00	\$ 3,850.00	\$ 75.00	\$ 2,625.00
10	Asphalt Concrete Paving (Parking)	SY	185	\$ 100.00	\$ 18,500.00	\$ 72.00	\$ 13,320.00	\$ 65.00	\$ 12,025.00	\$ 54.00	\$ 9,990.00
11	2" Mill & Overlay	SY	145	\$ 212.00	\$ 30,740.00	\$ 95.00	\$ 13,775.00	\$ 100.00	\$ 14,500.00	\$ 80.00	\$ 11,600.00
12	Concrete Curb and Gutter Restoration	LF	70	\$ 50.00	\$ 3,500.00	\$ 85.00	\$ 5,950.00	\$ 60.00	\$ 4,200.00	\$ 60.00	\$ 4,200.00
13	Concrete Curb and Gutter New	LF	125	\$ 50.00	\$ 6,250.00	\$ 72.00	\$ 9,000.00	\$ 50.00	\$ 6,250.00	\$ 45.00	\$ 5,625.00
14	Concrete Sidewalk	SY	55	\$ 83.00	\$ 4,565.00	\$ 81.00	\$ 4,455.00	\$ 90.00	\$ 4,950.00	\$ 80.00	\$ 4,400.00
15	Concrete Pad Restoration	SY	10	\$ 277.00	\$ 2,770.00	\$ 81.00	\$ 810.00	\$ 90.00	\$ 900.00	\$ 80.00	\$ 800.00
16	Concrete Catch Basins and Storm Drain Pipe	LS	1	\$ 19,465.00	\$ 19,465.00	\$ 10,345.00	\$ 10,345.00	\$ 8,300.00	\$ 8,300.00	\$ 7,000.00	\$ 7,000.00
17	Pavement Striping and Marking Restoration	LS	1	\$ 1,200.00	\$ 1,200.00	\$ 845.00	\$ 845.00	\$ 650.00	\$ 650.00	\$ 1,300.00	\$ 1,300.00
18	Pavement Striping, Marking, and Signage, New	LS	1	\$ 2,350.00	\$ 2,350.00	\$ 980.00	\$ 980.00	\$ 1,500.00	\$ 1,500.00	\$ 1,200.00	\$ 1,200.00
Total				\$ 268,315.00		\$ 181,059.50		\$ 182,125.00		\$ 164,015.00	

Steven Lord, P.E. City Engineer

RB Construction		Newman Construction, Inc.		S&L, Inc.		VanCon, Inc.	
Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
\$ 12,500.00	\$ 12,500.00	\$ 30,670.00	\$ 30,670.00	\$ 20,000.00	\$ 20,000.00	\$ 42,700.00	\$ 42,700.00
\$ 2,500.00	\$ 2,500.00	\$ 2,725.00	\$ 2,725.00	\$ 4,000.00	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00
\$ 1,000.00	\$ 1,000.00	\$ 3,500.00	\$ 3,500.00	\$ 4,000.00	\$ 4,000.00	\$ 3,000.00	\$ 3,000.00
\$ 2,500.00	\$ 2,500.00	\$ 6,800.00	\$ 6,800.00	\$ 30,000.00	\$ 30,000.00	\$ 4,000.00	\$ 4,000.00
\$ 200.00	\$ 200.00	\$ 800.00	\$ 800.00	\$ 300.00	\$ 300.00	\$ 2,000.00	\$ 2,000.00
\$ 597.70	\$ 41,839.00	\$ 635.00	\$ 44,450.00	\$ 650.00	\$ 45,500.00	\$ 600.00	\$ 42,000.00
\$ 261.61	\$ 32,701.25	\$ 279.00	\$ 34,875.00	\$ 400.00	\$ 50,000.00	\$ 325.00	\$ 40,625.00
\$ 3,210.00	\$ 6,420.00	\$ 3,890.00	\$ 7,780.00	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00
\$ 68.59	\$ 2,400.65	\$ 380.00	\$ 13,300.00	\$ 60.00	\$ 2,100.00	\$ 200.00	\$ 7,000.00
\$ 93.47	\$ 17,291.95	\$ 100.00	\$ 18,500.00	\$ 35.00	\$ 6,475.00	\$ 70.00	\$ 12,950.00
\$ 84.54	\$ 12,258.30	\$ 60.00	\$ 8,700.00	\$ 95.00	\$ 13,775.00	\$ 85.00	\$ 12,325.00
\$ 17.87	\$ 1,250.90	\$ 104.00	\$ 7,280.00	\$ 50.00	\$ 3,500.00	\$ 70.00	\$ 4,900.00
\$ 30.94	\$ 3,867.50	\$ 84.00	\$ 10,500.00	\$ 45.00	\$ 5,625.00	\$ 65.00	\$ 8,125.00
\$ 60.24	\$ 3,313.20	\$ 210.00	\$ 11,550.00	\$ 90.00	\$ 4,950.00	\$ 150.00	\$ 8,250.00
\$ 318.67	\$ 3,186.70	\$ 477.00	\$ 4,770.00	\$ 400.00	\$ 4,000.00	\$ 400.00	\$ 4,000.00
\$ 6,262.51	\$ 6,262.51	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00
\$ 402.50	\$ 402.50	\$ 1,400.00	\$ 1,400.00	\$ 1,500.00	\$ 1,500.00	\$ 1,100.00	\$ 1,100.00
\$ 402.50	\$ 402.50	\$ 1,400.00	\$ 1,400.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
Total	\$ 150,296.96	Total	\$ 224,000.00	Total	\$ 218,725.00	Total	\$ 214,975.00

No. Bidders	8
Average Bid	\$ 200,438.93
Low Bid	\$ 150,296.96 RB Construction

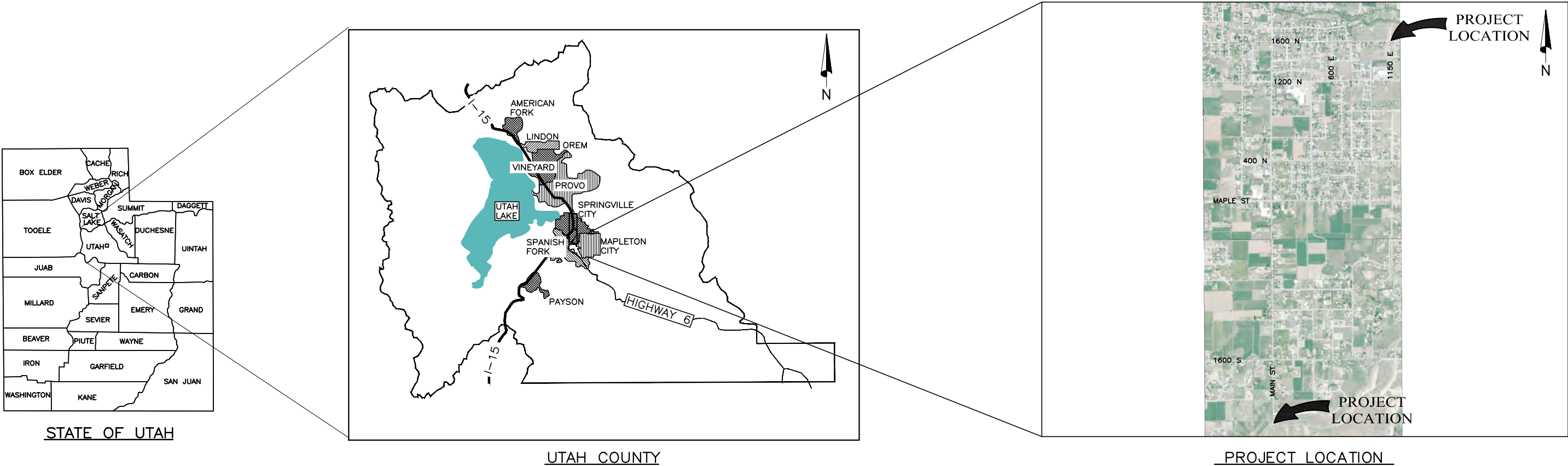
Items in RED are corrected arithmetic errors



MAPLETON CITY

LATERAL PIPELINE CONNECTIONS

SEPTEMBER 2022



HANSEN, ALLEN & LUCE DESIGN TEAM

STEVEN C. JONES, P.E. — PRINCIPAL IN CHARGE
KATIE GIBSON JACOBSEN, P.E. — PROJECT MANAGER
TOM P. BAUTISTA — PROJECT ENGINEER

MAPLETON CITY

STEVEN LORD, P.E. — PUBLIC WORKS DIRECTOR/CITY ENGINEER
801-489-6253
BRAD ROUNDY — PUBLIC WORKS OPERATIONS MANAGER
801-489-6253

CENTRAL UTAH WATER CONSERVANCY DISTRICT

ROBERT AITKEN
801-372-7432



859 W. SOUTH JORDAN PKWY,
STE. 200
SOUTH JORDAN, UTAH 84095
(801) 566-5599

CITY OFFICE
1405 WEST 1600 NORTH
MAPLETON, UT 84664

PROJECT ADDRESS
2250 SOUTH MAIN STREET &
1200 EAST 1600 NORTH
MAPLETON, UT 84664



FILE NAME: PROJECTS\437 - MAPLETON CITY\13.100 LATERAL PIPELINE CONNECTIONS\CAD\G-2 ABBR INDEX.DWG
FILE DATE: 9/28/2022 13:28:51 (TPB)
7/04

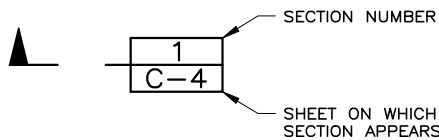
SECTION, DETAIL & ELEVATION IDENTIFICATION

NOTES:

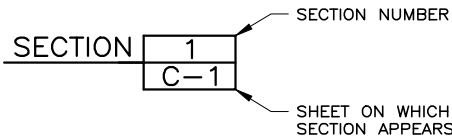
1. IF SECTION CUT AND SECTION OR DETAIL CALL-OUT AND DETAIL ARE SHOWN ON SAME SHEET, SHEET NUMBER IS REPLACED BY A LINE.
2. DETAIL LETTERS "I" AND "O" NOT USED.

SECTION IDENTIFICATION

SECTION CUT ON SHEET C-1:

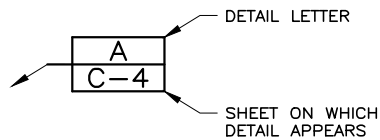


ON SHEET C-4, THIS SECTION IS IDENTIFIED AS:

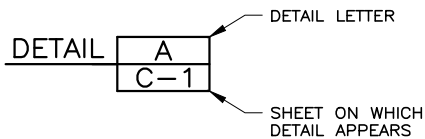


DETAIL IDENTIFICATION

DETAIL CALL-OUT ON SHEET C-1:



ON SHEET C-4, THIS DETAIL IS IDENTIFIED AS:



LEGEND

EXISTING

4-G	EXISTING GAS LINE W/ SIZE
GS	EXISTING GAS SERVICE
10-W	EXISTING WATER LINE W/ SIZE
WS	EXISTING WATER SERVICE
15-SS	EXISTING SANITARY SEWER W/ SIZE
SL	EXISTING SANITARY SEWER LATERAL
24-SD	EXISTING STORM DRAIN W/ SIZE
12-IRR	EXISTING IRRIGATION W/ SIZE
FO-UG	EXISTING FIBER OPTIC LINE
T-UG	EXISTING UNDERGROUND TELEPHONE
C-TV-UG	EXISTING CABLE TV
P-UG	EXISTING UNDERGROUND POWER LINE
P-OH	EXISTING OVERHEAD POWER LINE
X	EXISTING FENCE LINE
+++++	EXISTING RAILROAD TRACKS
----	EXISTING PROPERTY LINE
---	EXISTING RIGHT-OF-WAY
	EXISTING ASPHALT
---	EXISTING MAJOR CONTOUR
----	EXISTING MINOR CONTOUR

	EXISTING FIRE HYDRANT		EXISTING SANITARY SEWER MANHOLE
	EXISTING POWER POLE		EXISTING STORM DRAIN MANHOLE
	EXISTING POWER / LIGHT POLE COMBO		EXISTING WATER MANHOLE
	EXISTING LIGHT POLE		EXISTING GAS MANHOLE
	EXISTING GUY WIRE		EXISTING POWER MANHOLE
	EXISTING POWER BOX		EXISTING TELEPHONE MANHOLE
	EXISTING POWER METER		EXISTING FIBER OPTICS MANHOLE
	EXISTING TELEPHONE		EXISTING WATER METER
	EXISTING FIBER OPTIC		EXISTING IRRIGATION MANHOLE
	EXISTING CABLE		EXISTING VALVES
	EXISTING SIGNAL POLE		EXISTING REDUCERS
	EXISTING SIGNAL / LIGHT POLE COMBO		EXISTING SD CATCH BASIN
	EXISTING SIGNAL BOX		EXISTING SD CATCH BASIN / JUNCTION BOX
	EXISTING TRAFFIC LOOP		EXISTING SD JUNCTION BOX
	EXISTING TRAFFIC BOX		EXISTING SD CLEANOUT BOX
	EXISTING IRRIGATION BOX		EXISTING SD COMBO CATCH BASIN / CLEANOUT BOX
	EXISTING SIGN		
	EXISTING TREE		

NEW

	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	NEW PROPERTY LINE
	NEW UTILITY LINE
	PERMANENT EASEMENT
	CONSTRUCTION EASEMENT
	RIDGE LINE
	GRADE BREAK
	FLOW LINE
	RETAINING WALL

	NEW INLET BOX		NEW WATER VALVE
	NEW CAP		NEW GATE VALVE
	NEW FIRE HYDRANT		NEW BUTTERFLY VALVE
			NEW PLUG VALVE

HATCHING

	TRENCH "T-PATCH" RESTORATION
	MILL AND OVERLAY
	VEGETATION RESTORATION

CONTROL SYMBOLS

	EXISTING BENCH MARK		EXISTING SURVEY MONUMENT
	EXISTING HORIZONTAL CONTROL POINT		EXISTING SECTION MONUMENT
	EXISTING VERTICAL CONTROL POINT		
	EXISTING HORIZONTAL & VERTICAL CONTROL POINT		

NOTE:
SURVEY OF EXISTING RING & COVER IS FROM CENTER OF THE COVER.

INDEX OF DRAWINGS

SHEET NO.

GENERAL

G-1	COVER SHEET
G-2	ABBREVIATIONS, LEGENDS & INDEX OF DRAWINGS
G-3	GENERAL NOTES
G-4	SHEET LOCATION MAP & SURVEY CONTROL

PLAN & PROFILE - MAIN ST

PP-1	STA 10+00 TO STA 10+68
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PLAN & PROFILE - 1600 N

PP-2	STA 10+00 TO STA 11+24
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CIVIL

C-1	MAPLETON CITY STANDARD PLANS
C-2	CONCRETE FLATWORK DETAIL
C-3	MAIN STREET TRAIL PARKING GRADING, SIGNING, & STRIPING PLAN

ABBREVIATIONS

⊙ = AT	CONC = CONCRETE	FPS = FEET PER SECOND	MJ = MECHANICAL JOINT	STA = STATION
APPROX = APPROXIMATE	CONT = CONTINUOUS / CONTINUED	GA = GAUGE	NTS = NOT TO SCALE	TBC = TOP BACK OF CURB
B&S = BELL & SPIGOT	DIA = DIAMETER	GAL = GALLON	OC = ON CENTER	TOA = TOP OF ASPHALT
CB = CATCH BASIN	DIP = DUCTILE IRON PIPE	GIP = GALVANIZED IRON PIPE	PE = PLAIN END / POLYTHYLENE	TOC = TOP OF CONCRETE
CC = CENTER TO CENTER	DWG = DRAWING	GPM = GALLONS PER MINUTE	PSI = POUNDS PER SQUARE INCH	TYP = TYPICAL
CIP = CAST IRON PIPE / CAST IN PLACE	EF = EACH FACE	ID = INSIDE DIAMETER	PVC = POLYVINYL CHLORIDE	UBC = UNTREATED BASE COURSE
CL = CENTER LINE	EL = ELEVATION	INV = INVERT	RCP = REINFORCED CONCRETE PIPE	UNO = UNLESS NOTED OTHERWISE
CLR = CLEARANCE / CLEAR	EO = EDGE OF OIL	LOG = LIP OF GUTTER	SCR = SCREWED	W/ = WITH
CLSM = CONTROLLED LOW STRENGTH MATERIAL	EW = EACH WAY	MAX = MAXIMUM	SF = SQUARE FOOT (FEET)	YD = YARD
CMP = CORRUGATED METAL PIPE	FL = FLOW LINE	MH = MANHOLE	SQ = SQUARE	
	FLG = FLANGE	MIN = MINIMUM	SS = STAINLESS STEEL	



DESIGNED	KGJ	3
DRAFTED	TPB	2
CHECKED	KGJ	1

DATE AUGUST 2022 NO. DATE

REVISIONS

BY APVD.

SCALE

NONE



MAPLETON CITY

LATERAL PIPELINE CONNECTIONS
GENERAL
ABBREVIATIONS, LEGENDS & INDEX OF DRAWINGS

SHEET

G-2

437.13.100

7/04
FILE NAME: PROJECTS\437- MAPLETON CITY\13.100 LATERAL PIPELINE CONNECTIONS\CAD\G-3 GENERAL NOTES.DWG
FILE DATE: 9/28/2022 15:50:26 (TPB)

GENERAL NOTES

1. CONTRACTOR SHALL MEET ALL UTAH STATE DEPARTMENT OF ENVIRONMENTAL QUALITY AND U.S. EPA REQUIREMENTS WITH RESPECT TO THEIR MINIMUM RULES AND REGULATIONS.
2. CONSTRUCTION OPERATIONS SHALL BE CONDUCTED AND SIGNS, BARRICADES, AND FLASHERS SHALL BE PLACED SO AS TO COMPLY WITH OSHA, UTAH STATE INDUSTRIAL COMMISSION, LOCAL SAFETY STANDARDS, AND UDOT’S MANUAL ON UNIFORM TRAFFIC CONTROL.
3. UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES, INCLUDING WATER LINES, IRRIGATION DRAIN LINES, GAS LINES, TELEPHONE CABLES, ETC. AND ANY OTHER OBSTRUCTION DURING THE COURSE OF CONSTRUCTION AND INSTALLATION OF THE PIPELINE. CONTRACTOR SHALL CALL BLUE STAKES (811) AT LEAST 3 DAYS BEFORE BEGINNING CONSTRUCTION.
4. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN RIGHT OF INGRESS AND EGRESS SHOULD HE VENTURE ONTO PRIVATE PROPERTY WHICH IS NOT WITHIN IN CITY EASEMENTS OR ACQUIRED RIGHTS–OF–WAY AND EASEMENTS.
5. UNLESS DETAILED, SPECIFIED OR INDICATED OTHERWISE, CONSTRUCTION SHALL BE AS INDICATED IN THE APPLICABLE TYPICAL DETAILS AND GENERAL NOTES. TYPICAL DETAILS ARE MEANT TO APPLY EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS OR IN SPECIFIC DRAWINGS.
6. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL EXISTING IMPROVEMENTS DURING CONSTRUCTION AND SHALL REPLACE OR RESTORE ANY IMPROVEMENTS DAMAGED AS A RESULT OF THE CONSTRUCTION ACTIVITY, AS DIRECTED BY ENGINEER.
7. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES.
8. SEE SHEET G–4 FOR SURVEY CONTROL INFORMATION.
9. CONTRACTOR IS RESPONSIBLE FOR SITE SWPPP.
10. CONTRACTOR IS RESPONSIBLE FOR SITE DUST CONTROL AND SUPPRESSION FOR THE DURATION OF THE PROJECT (WEEKENDS INCLUDED).
11. REFERENCE 2017 APWA STANDARD PLAN AND SPECIFICATIONS, MAPLETON CITY STANDARD PLANS (2018), AND ADDITIONAL SPECIFICATIONS INCLUDED HEREIN. IN CASE OF CONFLICT BETWEEN CODES, REFERENCE STANDARDS, DRAWINGS AND SPECIFICATIONS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
12. A WATER TRUCK IS REQUIRED ON–SITE 24 HOURS PER DAY, 7 DAYS PER WEEK, DURING CONSTRUCTION.
13. THIS PROJECT IS LOCATED IN MAPLETON CITY LIMITS. CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS AND APPROVALS FROM MAPLETON CITY AND SHALL COMPLY WITH MAPLETON CITY REGULATIONS FOR TRAFFIC CONTROL, SAFETY, EXCAVATION IN CITY OWNED RIGHTS OF WAY, ETC.
14. AN ENCROACHMENT PERMIT HAS BEEN OBTAINED BY OWNER FOR WORK WITHIN USA/CUWCD ROW. COORDINATE WITH CUWCD FOR STAGING AREAS. CONTACT CUWCD REPRESENTATIVE ROBERT AITKEN AT 801–372–7432 24 HOURS BEFORE ANY EXCAVATION IN USA/CUWCD ROW.
15. CONTRACTOR SHALL OBTAIN NOTICE OF INTENT, AND COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN, AND ALL UPDES REQUIREMENTS.
16. OPEN ENDS OF ALL PIPELINES UNDER CONSTRUCTION SHALL BE COVERED AND EFFECTIVELY SEALED AT THE END OF THE DAYS WORK.
17. NON–SHRINKING GROUT SHALL BE USED WHEREVER GROUT IS REQUIRED.

WATERLINE NOTES

1. CONTACT CITY AT LEAST 72 HOURS IN ADVANCE OF ALL WATER SHUTDOWNS.
2. ALL DUCTILE IRON COMPRESSION COUPLINGS, MECHANICAL JOINTS, FLANGED JOINTS, VALVES, HYDRANTS AND FITTINGS INCLUDING TEES, WYES, ELBOWS, PLUGS, ETC. EXPOSED TO SOIL SHALL BE WRAPPED WITH 8 MIL THICK POLYETHYLENE FILM TUBE. ALL FITTINGS, VALVES AND EXPOSED NUTS & BOLTS SHALL BE LIBERALLY COATED WITH FM GREASE PRIOR TO WRAPPING. THE FILM SHALL BE HELD IN PLACE BY 2–INCH WIDE PLASTIC BACKED ADHESIVE TAPE EQUAL TO POLYKEN NO. 900 OR SCOTCHRAP NO. 50. THE TAPE SHALL BE INSTALLED TO TIGHTLY SECURE THE FILM TO THE PIPE. ENOUGH FILM SHALL BE USED TO OVERLAP ADJOINING SECTIONS OF FILM A MINIMUM OF ONE (1) FOOT.
3. VALVES SHALL BE WRAPPED BY BRINGING THE WRAP ON THE ADJACENT PIPE OVER THE BELLS OR FLANGES OF THE VALVE AND SEALING WITH THE ADHESIVE TAPE. THE VALVE BODIES ARE THEN WRAPPED WITH A FLAT SHEET OF THE FILM PASSED UNDER THE VALVE BOTTOM AND BROUGHT UP AROUND THE BODY TO THE STEM AND FASTENED IN PLACE WITH THE ADHESIVE TAPE.
4. ALL SECONDARY WATER PVC TO BE PURPLE COLOR.
5. POLYETHYLENE WRAP SHALL BE PROTECTED FROM THE SUN AND WEATHERING PRIOR TO USE. CARE SHALL BE EXERCISED DURING BACK FILLING OF THE PROTECTED AREAS TO PREVENT PUNCTURING OF THE FILM.
6. MINIMUM COVER OVER TOP OF PIPE SHALL BE 3 FEET UNLESS SHOWN OTHERWISE ON THE PROFILE SHEETS, OR AS DESCRIBED IN NOTES 7–8.
7. PROVIDE 6 INCHES MINIMUM CLEARANCE BETWEEN UTILITIES AND NEW PIPE, UNLESS UTILITY OWNER REQUIRES MORE.
8. TO PASS OVER UTILITIES, CONTRACTOR MAY REDUCE MINIMUM COVER OVER TOP OF PIPE TO 2.5 FEET, OR IF CLSM PIPE AND TRENCH BACKFILL IS USED, TO AS LITTLE AS 2.0 FEET.
9. LAY PIPE UPHILL, AFTER CROSSING UTILITIES, RETURN TOP OF PIPE TO 3 FEET DEEP AS SOON AS POSSIBLE WITHOUT ADDING PROFILE HIGH OR LOW POINTS.
10. CONTRACTOR SHALL POT HOLE UTILITIES AT ALL CROSSINGS SUFFICIENTLY IN ADVANCE OF LAYING PIPE TO ALLOW FOR ADJUSTMENTS OF NEW PIPELINE GRADE TO AVOID CONFLICTS.
11. ELEVATIONS OF EXISTING WATER LINES ARE UNKNOWN. CONTRACTOR SHALL POTHOLE EXISTING WATER LINES AT CONNECTIONS TO VERIFY LOCATION AND ELEVATION. MODIFICATIONS TO CONNECTION DETAILS MAY BE REQUIRED, BASED ON THE INFORMATION OBTAINED.
12. CONTRACTOR TO PROVIDE TEMPORARY BLOW OFF VALVES & FITTINGS TO FLUSH NEW PIPELINES. PROVIDE PLAN TO CITY FOR APPROVAL BEFORE BEGINNING CONSTRUCTION. TEMPORARY BLOWOFF & FITTINGS SHALL BE REMOVED PRIOR TO PUTTING NEW LINE INTO SERVICE.
13. DEFLECTIONS IN PIPE JOINTS SHALL NOT EXCEED 1 DEGREE FOR PVC PIPE. FOR DEFLECTIONS GREATER THAN 1 DEGREE, USE DI HIGH DEFLECTION COUPLINGS, ROMAC ALPHA WIDE RESTRAINT OR APPROVED EQUAL, DEFLECTED AT 80% OR LESS OF MANUFACTURER’S PUBLISHED DEFLECTIONS.
14. PROVIDE JOINT RESTRAINTS AND THRUST BLOCKS PER MAPLETON CITY STANDARD PLAN WTR–04 ON ALL BENDS, FITTINGS & VALVES.
15. CONTRACTOR TO PRESSURE TEST TO AWWA STANDARDS. AIR TESTING IS PERMITTED AS CONSTRUCTION WILL BE COMPLETED DURING OFF–SEASON AND PIPE WILL BE EMPTY.



PROJECT ENGINEER

DESIGNED	KGJ	3
DRAFTED	TPB	2
CHECKED	KGJ	1

NO.

DATE

DATE

REVISIONS

BY

APVD.

SCALE

NONE



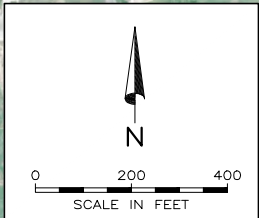
MAPLETON CITY

LATERAL PIPELINE CONNECTIONS
GENERAL
GENERAL NOTES

SHEET

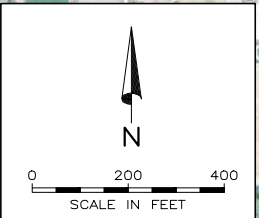
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437.13.100



AVERAGE PROJECTION SCALE FACTOR 1.00032043 (GRID TO GROUND) 0.99967970 (GROUND TO GRID)

SURVEY CONTROL



AVERAGE PROJECTION SCALE FACTOR 1.00031662 (GRID TO GROUND) 0.99968348 (GROUND TO GRID)

SURVEY CONTROL

FILE NAME: PROJECTS\437 - MAPLETON CITY\13.100 LATERAL PIPELINE CONNECTIONS\CAD\PP-1 - MAIN ST.DWG
FILE DATE: 9/28/2022 13:41:37 (JPB)

7/04



DESIGNED	KGJ	3
DRAFTED	TPB	2
CHECKED	ZCS	1
DATE	AUGUST 2022	NO.

NO.	DATE
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REVISIONS

BY: APVD.

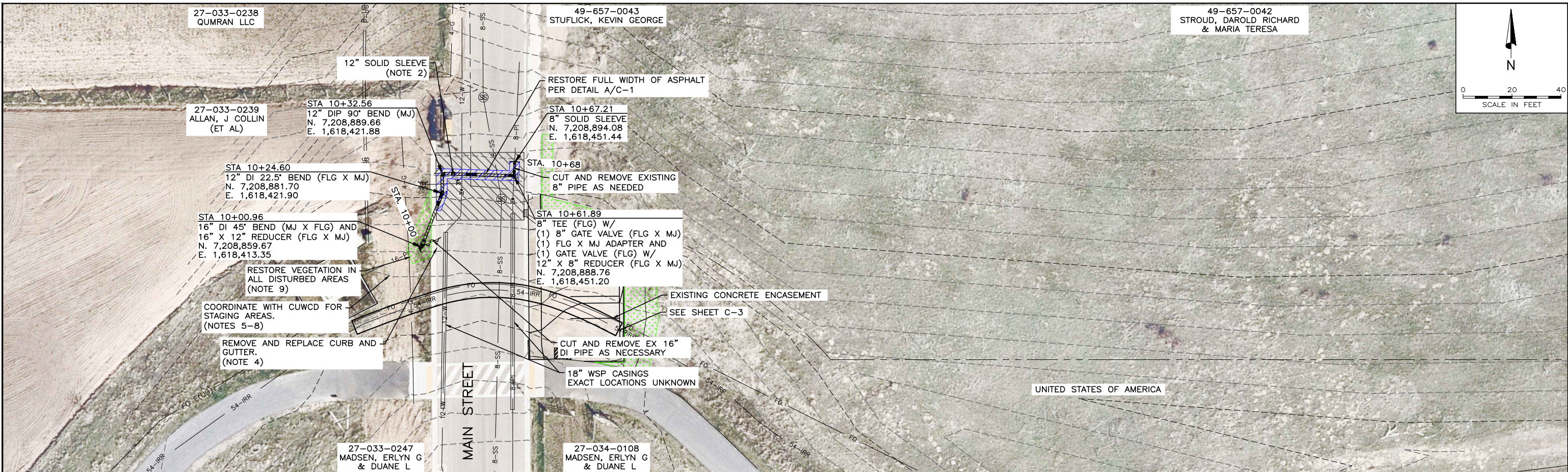
SCALE
AS SHOWN



MAPLETON CITY

LATERAL PIPELINE CONNECTIONS
PLAN & PROFILE - MAIN ST
STA 10+00 TO STA 10+68

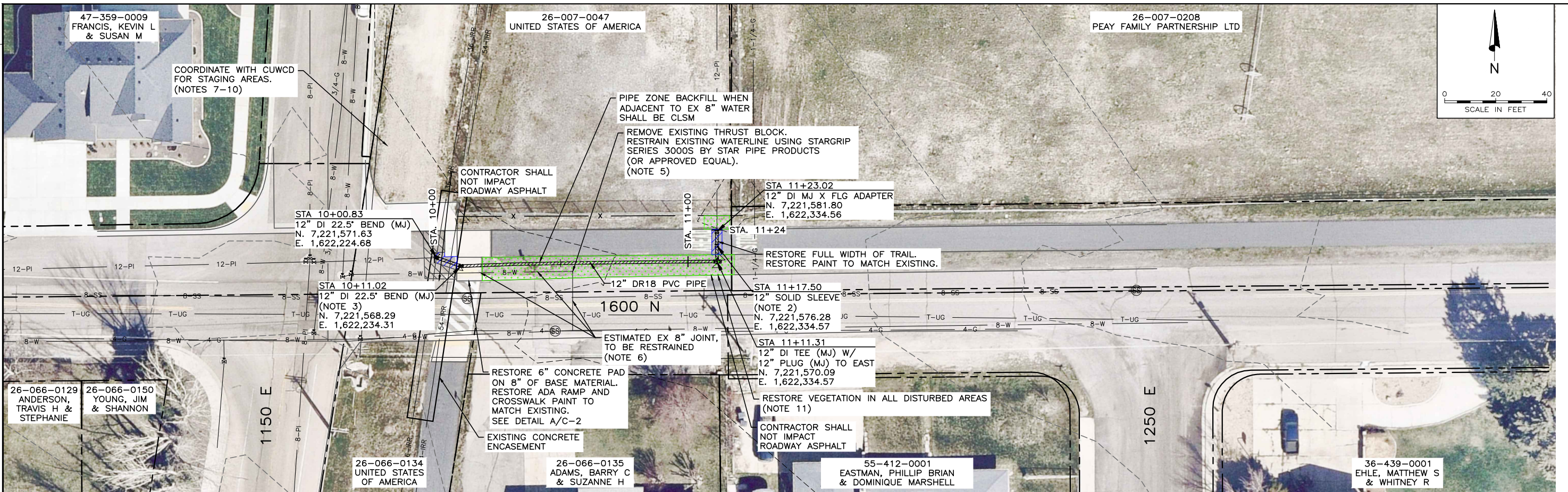
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PP-1
437.13.100



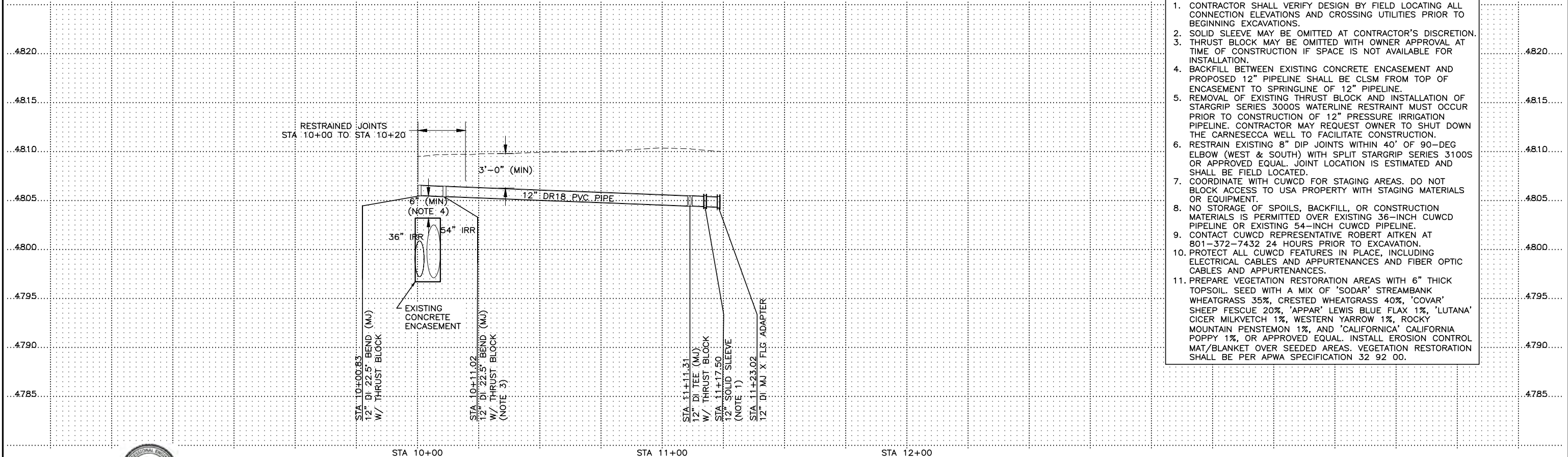
- NOTES:
1. CONTRACTOR SHALL VERIFY DESIGN BY FIELD LOCATING ALL CONNECTION ELEVATIONS AND CROSSING UTILITIES PRIOR TO BEGINNING EXCAVATIONS.
 2. 12" SOLID SLEEVE MAY BE OMITTED AT CONTRACTOR'S DISCRETION.
 3. OWNER MAY ELECT TO ROUTE THE PIPE ABOVE THE EXISTING UTILITIES IF AT LEAST 2.0 FEET OF COVER IS AVAILABLE. LESS THAN 2.5 FEET OF COVER REQUIRES CLSM PIPE AND TRENCH BACKFILL.
 4. USE CONCRETE CURB AND GUTTER TYPE E (APWA PLAN 205.2), MATCHING HORIZONTAL DIMENSIONS OF EXISTING CURB AND GUTTER, WITH 8 INCH THICK UNTREATED BASE COURSE.
 5. COORDINATE WITH CUWCD FOR STAGING AREAS. DO NOT BLOCK ACCESS TO USA PROPERTY WITH STAGING MATERIALS OR EQUIPMENT.
 6. NO STORAGE OF SPOILS, BACKFILL, OR CONSTRUCTION MATERIALS IS PERMITTED OVER EXISTING 54-INCH CUWCD PIPELINE.
 7. CONTACT CUWCD REPRESENTATIVE ROBERT AITKEN AT 801-372-7432 24 HOURS PRIOR TO EXCAVATION.
 8. PROTECT ALL CUWCD FEATURES IN PLACE, INCLUDING ELECTRICAL CABLES AND APPURTENANCES, FIBER OPTIC CABLES AND APPURTENANCES, RTU, THRUST BLOCKS, AND METER MAIN.
 9. PREPARE VEGETATION RESTORATION AREAS WITH 6" THICK TOPSOIL. SEED WITH A MIX OF 'SODAR' STREAMBANK WHEATGRASS 35%, CRESTED WHEATGRASS 40%, 'COVAR' SHEEP FESCUE 20%, 'APPAR' LEWIS BLUE FLAX 1%, 'LUTANA' CICER MILKVETCH 1%, WESTERN YARROW 1%, ROCKY MOUNTAIN PENSTEMON 1%, AND 'CALIFORNICA' CALIFORNIA POPPY 1%, OR APPROVED EQUAL. INSTALL EROSION CONTROL MAT/BLANKET OVER SEEDED AREAS. VEGETATION RESTORATION SHALL BE PER APWA SPECIFICATION 32 92 00.

FILE NAME: PROJECTS\437 - MAPLETON CITY\13.100 LATERAL PIPELINE CONNECTIONS\CAD\PP-2 - 1600 N.DWG
FILE DATE: 9/28/2022 15:43:09 (TPB)

7/04



- NOTES:**
1. CONTRACTOR SHALL VERIFY DESIGN BY FIELD LOCATING ALL CONNECTION ELEVATIONS AND CROSSING UTILITIES PRIOR TO BEGINNING EXCAVATIONS.
 2. SOLID SLEEVE MAY BE OMITTED AT CONTRACTOR'S DISCRETION.
 3. THRUST BLOCK MAY BE OMITTED WITH OWNER APPROVAL AT TIME OF CONSTRUCTION IF SPACE IS NOT AVAILABLE FOR INSTALLATION.
 4. BACKFILL BETWEEN EXISTING CONCRETE ENCASEMENT AND PROPOSED 12" PIPELINE SHALL BE CLSM FROM TOP OF ENCASEMENT TO SPRINGLINE OF 12" PIPELINE.
 5. REMOVAL OF EXISTING THRUST BLOCK AND INSTALLATION OF STARGRIP SERIES 3000S WATERLINE RESTRAINT MUST OCCUR PRIOR TO CONSTRUCTION OF 12" PRESSURE IRRIGATION PIPELINE. CONTRACTOR MAY REQUEST OWNER TO SHUT DOWN THE CARNESECCA WELL TO FACILITATE CONSTRUCTION.
 6. RESTRAIN EXISTING 8" DIP JOINTS WITHIN 40' OF 90-DEG ELBOW (WEST & SOUTH) WITH SPLIT STARGRIP SERIES 3100S OR APPROVED EQUAL. JOINT LOCATION IS ESTIMATED AND SHALL BE FIELD LOCATED.
 7. COORDINATE WITH CUWCD FOR STAGING AREAS. DO NOT BLOCK ACCESS TO USA PROPERTY WITH STAGING MATERIALS OR EQUIPMENT.
 8. NO STORAGE OF SPOILS, BACKFILL, OR CONSTRUCTION MATERIALS IS PERMITTED OVER EXISTING 36-INCH CUWCD PIPELINE OR EXISTING 54-INCH CUWCD PIPELINE.
 9. CONTACT CUWCD REPRESENTATIVE ROBERT AITKEN AT 801-372-7432 24 HOURS PRIOR TO EXCAVATION.
 10. PROTECT ALL CUWCD FEATURES IN PLACE, INCLUDING ELECTRICAL CABLES AND APPURTENANCES AND FIBER OPTIC CABLES AND APPURTENANCES.
 11. PREPARE VEGETATION RESTORATION AREAS WITH 6" THICK TOPSOIL. SEED WITH A MIX OF 'SODAR' STREAMBANK WHEATGRASS 35%, CRESTED WHEATGRASS 40%, 'COVAR' SHEEP FESCUE 20%, 'APPAR' LEWIS BLUE FLAX 1%, 'LUTANA' CICER MILKVETCH 1%, WESTERN YARROW 1%, ROCKY MOUNTAIN PENSTEMON 1%, AND 'CALIFORNICA' CALIFORNIA POPPY 1%, OR APPROVED EQUAL. INSTALL EROSION CONTROL MAT/BLANKET OVER SEEDED AREAS. VEGETATION RESTORATION SHALL BE PER APWA SPECIFICATION 32 92 00.



DESIGNED	KGJ	3
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CHECKED	ZCS	1
DATE	AUGUST 2022	NO.

NO.	DATE
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REVISIONS

BY	APVD.
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SCALE
AS SHOWN

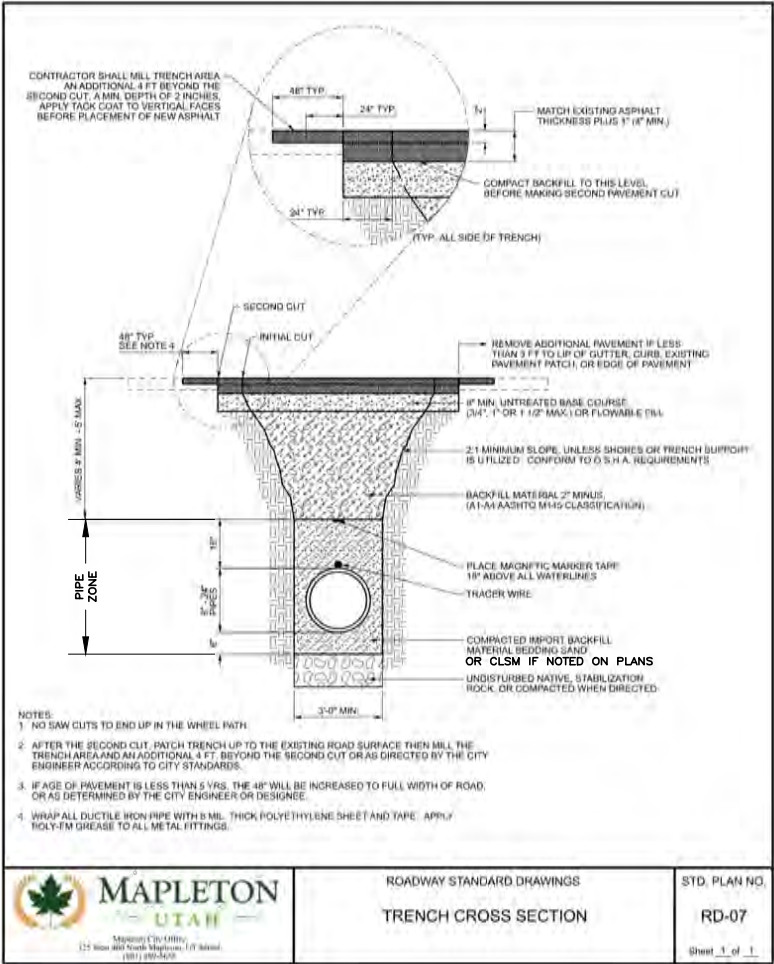


MAPLETON CITY

LATERAL PIPELINE CONNECTIONS
PLAN & PROFILE - 1600 N
STA 10+00 TO STA 11+24

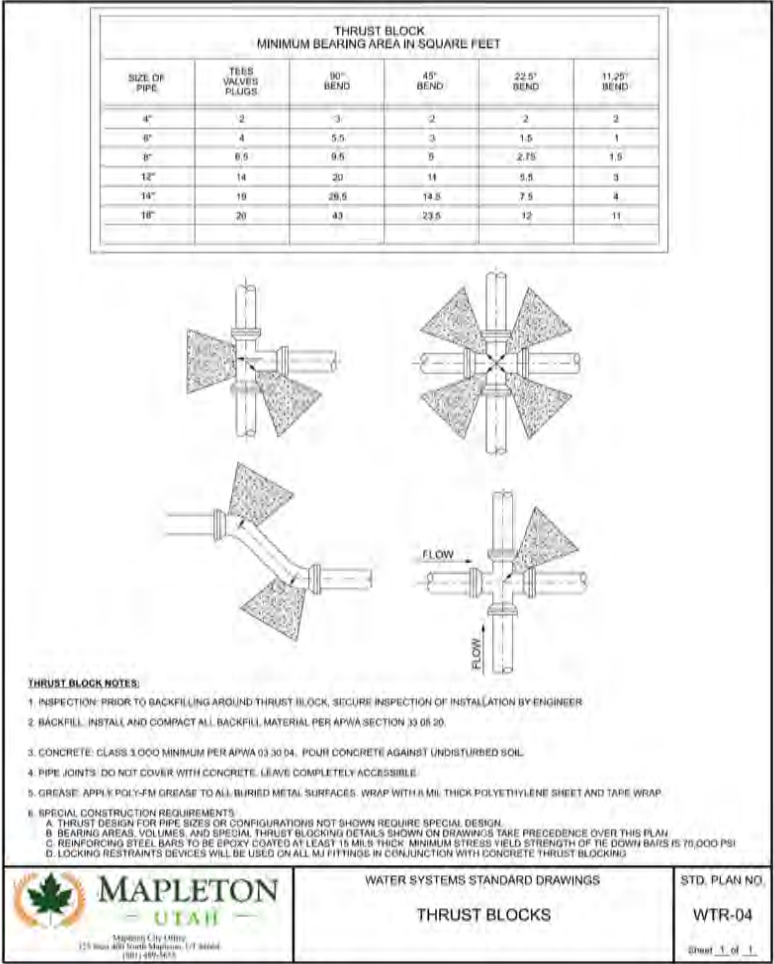
SHEET
PP-2
437.13.100

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FILE DATE: 9/28/2022 13:46:17 (TPB)



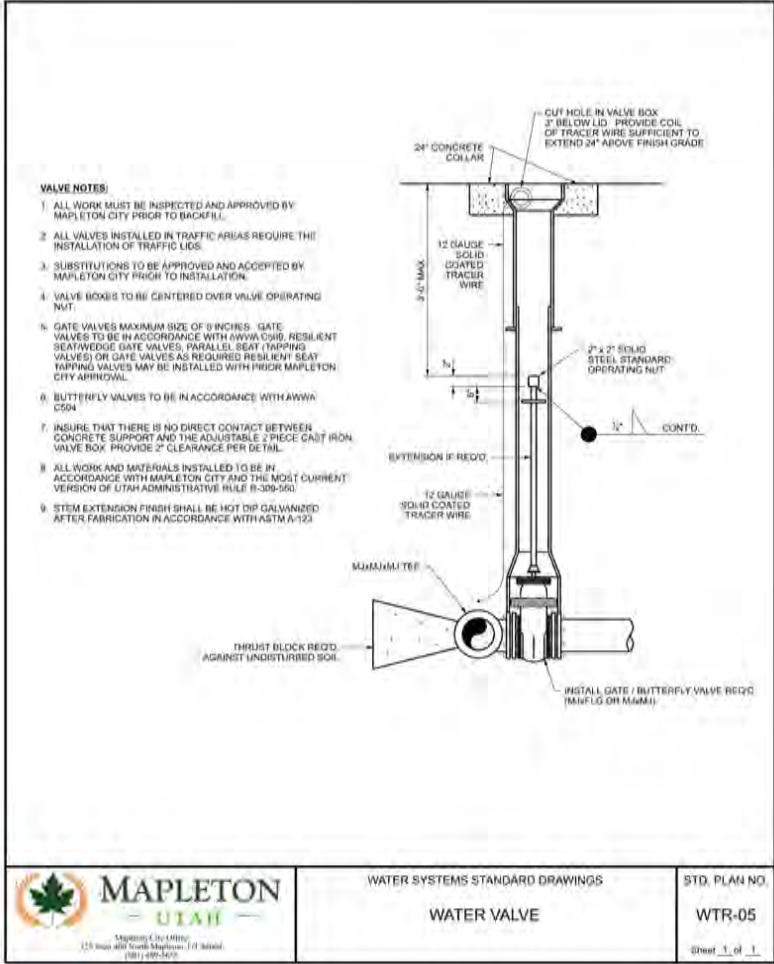
TRENCH CROSS SECTION

A
—



THRUST BLOCKS

B
—

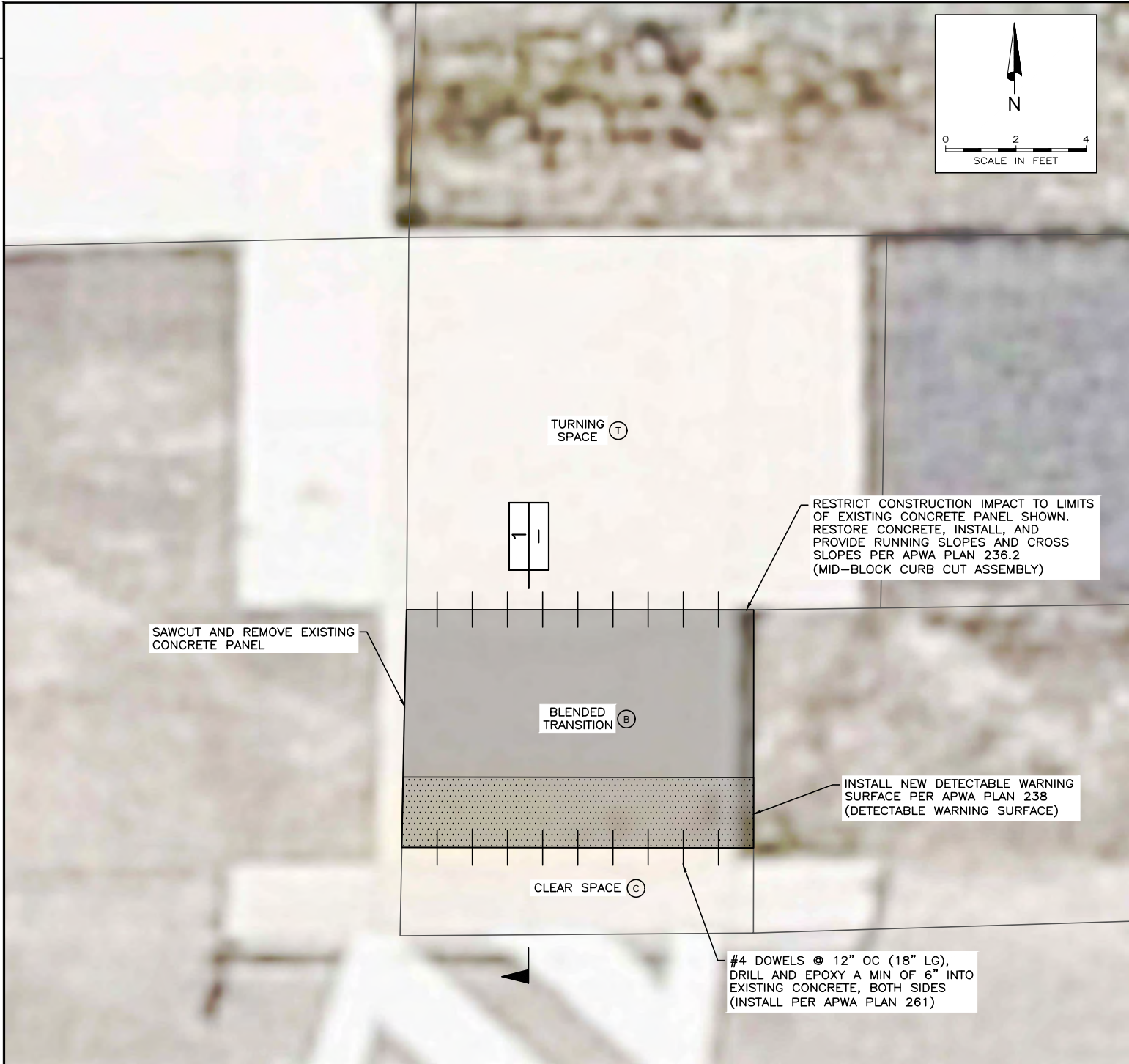


WATER VALVE

C
—

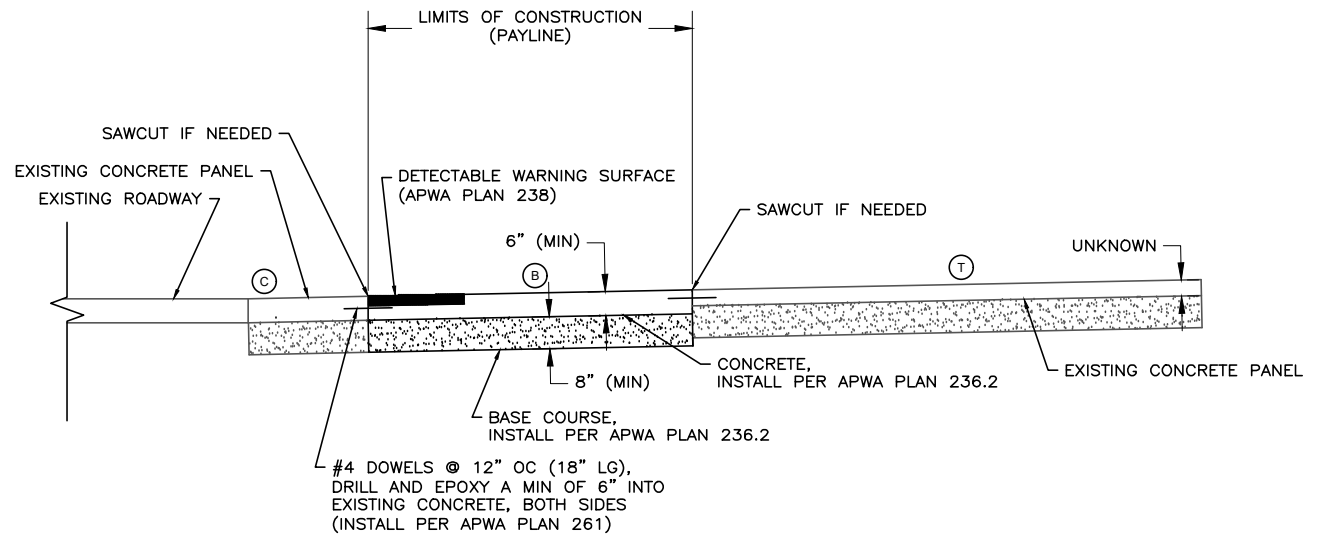
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FILE DATE: 9/28/2022 15:47:29 (TPB)

7/04



CONCRETE FLATWORK

A
PP-2



SECTION

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DESIGNED	KGJ	3
DRAFTED	TPB	2
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DATE	AUGUST 2022	NO.

NO.	DATE	REVISIONS	BY	APVD.

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MAPLETON CITY

LATERAL PIPELINE CONNECTIONS
CIVIL
CONCRETE FLATWORK DETAIL

SHEET
C-2
437.13.100

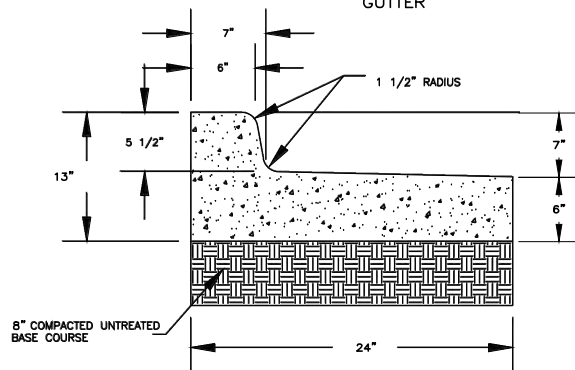
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FILE DATE: 9/28/2022 16:10:29 (TPB)
7/04

POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
A	7,208,881.04	1,618,457.02	MATCH EXISTING	TBC
B	7,208,881.05	1,618,461.94	MATCH EXISTING	BACK OF WALK
C	7,208,867.33	1,618,462.10	4821.03	BACK OF WALK
D	7,208,867.34	1,618,462.60	4821.53	TBC
E	7,208,867.58	1,618,496.09	4823.03	TBC
F	7,208,865.33	1,618,462.11	4821.22	TOA/BACK OF WALK
G	7,208,865.57	1,618,494.11	4822.70	TOA
H	7,208,818.40	1,618,467.71	4825.82	TOA
J	7,208,818.45	1,618,474.46	4825.74	TOA
K	7,208,813.69	1,618,457.70	MATCH EXISTING	TBC
L	7,208,813.72	1,618,463.56	MATCH EXISTING	BACK OF WALK
M	7,208,813.87	1,618,467.74	MATCH EXISTING	TOA
N	7,208,813.90	1,618,471.82	MATCH EXISTING	TOA
P	7,208,814.42	1,618,474.49	4825.82	TOA
Q	7,208,814.57	1,618,494.48	4825.82	TOA
R	7,208,812.59	1,618,496.50	4826.40	TBC
S	7,208,819.42	1,618,462.46	4825.56	TOA/BACK OF WALK
T	7,208,830.42	1,618,474.37	4825.50	TOA
U	7,208,830.57	1,618,494.37	4825.50	TOA
V	7,208,812.50	1,618,484.24	MATCH EXISTING	TOC
W	7,208,830.59	1,618,496.37	4826.08	TBC
X	7,208,860.57	1,618,494.15	4823.10	TOA
Y	7,208,860.59	1,618,496.15	4823.68	TBC

CATCH BASIN WITH GRATE AND FRAME, WITH NO CURB OPENING. INTERIOR DIMENSIONS 2'-0" X 3'-0" BOTTOM ELEVATION 4816.25. BICYCLE SAFE GRATE D&L I-2982 OR APPROVED EQUAL. (APWA PLAN 315.1)

INSTALL 5' SIDEWALK (APWA PLAN 231)

PROTECT EXISTING LOW BACK CURB AND GUTTER



REVERSE LIP CURB AND GUTTER DETAIL

PROTECT EXISTING RAMP AND DETECTABLE WARNING SURFACE

PROTECT EXISTING TRAIL

SAW CUT CURB TO MATCH EXISTING LOW BACK CURB

EXISTING TRAIL

TAPER CURB TO 2" HEIGHT

REVERSE LIP CURB AND GUTTER SEE DETAIL, THIS SHEET

GRADING NOTES:

1. SLOPE IN ACCESSIBLE PARKING SPACE, ACCESS AISLE, AND ACCESSIBLE ROUTE SHALL NOT BE MORE THAN 2% IN ANY DIRECTION.
2. WHERE POSSIBLE, USE A 3:1 MAX CATCH SLOPE FROM NEW TOP BACK OF CURB TO EXISTING. USE A 1:1 MAX CATCH SLOPE AT THE NORTHEAST PARKING CORNER TO FILL AND LEAVE 1-FOOT BUFFER WITHIN THE EXISTING RIGHT OF WAY.

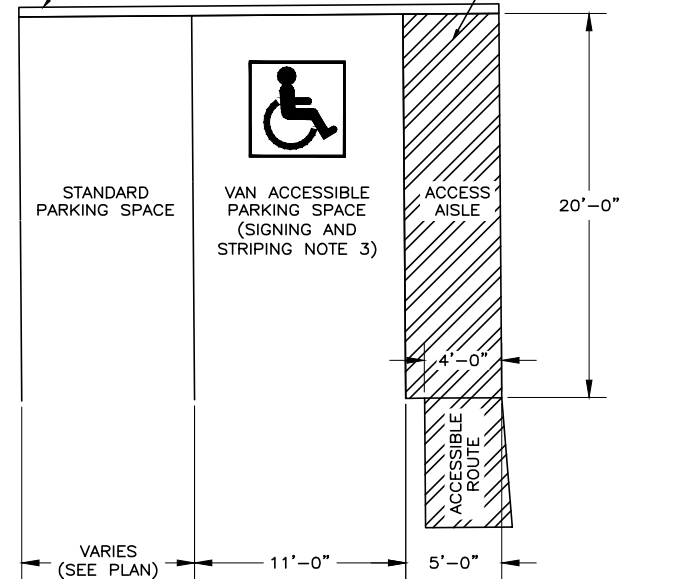
3. PREPARE VEGETATION RESTORATION AREAS WITH 6" THICK TOPSOIL. SEED WITH A MIX OF 'SODAR' STREAMBANK WHEATGRASS 35%, CRESTED WHEATGRASS 40%, 'COVAR' SHEEP FESCUE 20%, 'APPAR' LEWIS BLUE FLAX 1%, 'LUTANA' CICER MILKVETCH 1%, WESTERN YARROW 1%, ROCKY MOUNTAIN PENSTEMON 1%, AND 'CALIFORNICA' CALIFORNIA POPPY 1%, OR APPROVED EQUAL. INSTALL EROSION CONTROL MAT/BLANKET OVER SEEDED AREAS. VEGETATION RESTORATION SHALL BE PER APWA SPECIFICATION 32 92 00.

4. USE CONCRETE CURB AND GUTTER TYPE E (APWA PLAN 205.2), MATCHING HORIZONTAL DIMENSIONS OF EXISTING CURB AND GUTTER, WITH 8 INCH THICK UNTREATED BASE COURSE.



VAN ACCESSIBLE PARKING SIGN (SIGNING AND STRIPING NOTE 6)

CURB WALL

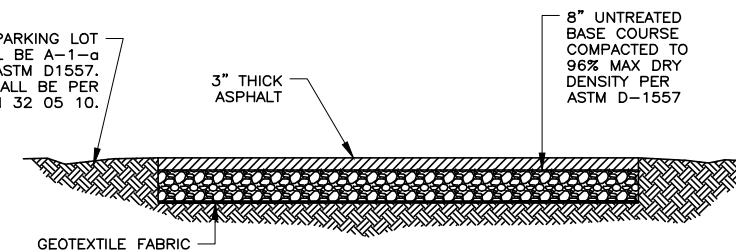


SIGNING AND STRIPING PLAN

SIGNING AND STRIPING NOTES:

1. ALL PARKING MARKINGS SHALL BE 4 INCHES WIDE.
2. ADA VAN ACCESSIBLE PARKING SPACE, ACCESS AISLE, AND ACCESSIBLE ROUTE MARKING PAINT SHALL BE BLUE.
3. INSTALL INTERNATIONAL SYMBOL OF ACCESSIBILITY IN VAN ACCESSIBLE PARKING SPACE PER MUTCD FIGURE 3B-22.
4. STANDARD PARKING SPACE MARKINGS SHALL BE WHITE.
5. INSTALL MARKINGS PER THE REQUIREMENTS OF APWA SPECIFICATION SECTION 32 17 23 - PAVEMENT MARKING.
6. INSTALL SIGN TYPE A-1 PER APWA SPECIFICATION 32 01 05 - INFORMATION, REGULATORY, AND WARNING SIGNS, MUTCD R7-8, 12IN X 18IN. INSTALL BASE OF SIGN 60 INCHES ABOVE TOP OF CURB.

COMMON FILL FOR PARKING LOT EMBANKMENT SHALL BE A-1-a COMPACTED TO 96% PER ASTM D1557. EMBANKMENT WORK SHALL BE PER APWA SPECIFICATION 32 05 10.



TYPICAL ASPHALT SECTION



DESIGNED KGJ
DRAFTED TPB
CHECKED KGJ
DATE AUGUST 2022

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NO.

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REVISIONS

BY

APVD.

SCALE

AS SHOWN

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LATERAL PIPELINE CONNECTIONS
CIVIL
MAIN STREET TRAIL PARKING GRADING, SIGNING, & STRIPING PLAN

SHEET
C-3
437.13.100



MAPLETON

DOCUMENT 00 41 00 BID FORM

PART 1 GENERAL

1.1 BID PROPOSAL

- A. After having personally and carefully examined all conditions surrounding the Work and the Contract Documents, the undersigned proposes to furnish all labor, equipment, tools, and machinery and to furnish and deliver all materials not specifically mentioned as being furnished by OWNER, which is required in and about the construction of the Construction Contract known as **MAPLETON CITY LATERAL PIPELINE CONNECTIONS 2022**.
- B. The undersigned proposes to complete the WORK for the price or prices listed in the Bid Schedule (Document 00 43 00) and understands that quantities for Unit Price Work are not guaranteed.
- C. The undersigned proposes to furnish bonds with the Contract, signed by a surety company satisfactory to OWNER, in an amount equal to the Contract amount conditioned to ensure compliance with all requirements of the Contract Documents.
- D. The undersigned encloses a certified check, cashier's check, cash, or a Bid Bond for SEVEN THOUSAND FIVE HUNDRED FOURTEEN DOLLARS AND EIGHTY EIGHT CENTS (\$ 7,514.88) which is five (5) percent of the Bid amount payable to OWNER, as a guarantee of good faith, and which it is agreed will be forfeited to OWNER as liquidated damages in the event of the failure of the undersigned to enter into a contract and furnish satisfactory bonds to OWNER.
- E. The undersigned proposes to execute the attached contract within seven (7) days after the Notice of Intention to Award, and to begin work within seven (7) days after being notified to do so by OWNER.
- F. The undersigned agrees the Bid is genuine. The Bid is not made in the interest of or on behalf of any undisclosed person, firm, or corporation. The undersigned agrees that they have not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid: that they have not solicited or induced any person, firm, or corporation to refrain from bidding: and that they have not sought by collusion to obtain for itself any other advantage over any separate Bidder or over OWNER.



MAPLETON

- G. If OWNER finds it necessary to further define the Work, Contract Price, Contract Time, or some other portion of the Construction Contract, after Bid opening, the Bidder promises to execute an Agreement Supplement prior to or concurrent with the execution of the Agreement, if the Agreement Supplement is acceptable to the Bidder.
- H. It is understood that the OWNER has the right to reject this proposal or to accept it at the prices listed in the Bid Schedule.

PART 2 EXECUTION

2.1 BIDDER

The Bidder is as follows:

- A. Name: RB Construction
- B. Address: 946 E 800 N, Spanish Fork, 84660
- C. Telephone number: 435-503-2114
- D. Email Address: matt@rbconstruction.org
- E. Tax identification number: 87-0455362

Bidder holds license number 248596-5501, issued on the 30th day of November, 2013, by the Utah State Department of Commerce, Division of Occupational and Professional Licensing. Bidder is licensed to practice as a E100, B100 Contractor. License renewal date is the 30th day of November, 2023.

The undersigned hereby acknowledges receipt of the following Addenda.

(list Addenda numbers here)

> #1



MAPLETON

PART 3 ACKNOWLEDGEMENT

STATE OF Utah)

) ss

COUNTY OF Utah)

Before me, a Notary Public, personally appeared the above named and swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to me this 24th day of October, 2022.

Janet Everitt
Notary Public Signature

My Commission Expires: 4.21.24



Notary Seal

END OF DOCUMENT



PART 2 PRICE SCHEDULE

2.1 MAPLETON CITY LATERAL PIPELINE CONNECTIONS

A. Price Schedule

No.	Item	Quantity	Unit	Unit Price	Amount
1	Mobilization & Demobilization	1	LS	\$ 12,500.00	\$ 12,500.00
2	Quality Control Testing	1	LS	\$ 2,500.00	\$ 2,500.00
3	Existing Utility Investigation	1	LS	\$ 1,000.00	\$ 1,000.00
4	Traffic Control	1	LS	\$ 2,500.00	\$ 2,500.00
5	Pre-Construction Video	1	LS	\$ 200.00	\$ 200.00
6	Main Street PVC C900 DR 18 Pipe & Fittings (PP-1)	70	LF	\$ 597.70	\$ 41,838.78
7	1600 N PVC C900 DR 18 Pipe & Fittings (PP-2)	125	LF	\$ 261.61	\$ 32,700.96
8	8" Gate Valve Assembly	2	EA	\$ 3,210.00	\$ 6,420.00
9	Asphalt Trench Patch Restoration	35	SY	\$ 68.59	\$ 2,400.53
10	Asphalt Concrete Pavement (Parking)	185	SY	\$ 93.47	\$ 17,292.76
11	2" Mill and Overlay	145	SY	\$ 84.54	\$ 12,259.00
12	Concrete Curb and Gutter Restoration	70	LF	\$ 17.87	\$ 1,251.13
13	Concrete Curb and Gutter, New	125	LF	\$ 30.94	\$ 3,866.89
14	Concrete Sidewalk	55	SY	\$ 60.24	\$ 3,313.42
15	Concrete Pad Restoration	10	SY	\$ 318.67	\$ 3,186.65
16	Concrete Catch Basins and Storm Drain Pipe	1	LS	\$ 6,262.51	\$ 6,262.51
17	Pavement Striping and Marking Restoration	1	LS	\$ 402.50	\$ 402.50
18	Pavement Striping, Marking, and Signage, New	1	LS	\$ 402.50	\$ 402.50
				Total	\$ 150,297.63



MAPLETON

**DOCUMENT 00 45 38
NON-COLLUSION AFFIDAVIT OF PRIME BIDDER**

PART 1 GENERAL

The undersigned bidder or agent, being duly sworn on oath, says that he/she has not, nor has any other member, representative, or agent of the firm, company, corporation, or partnership represented by him, entered into any combination, collusion, or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to include anyone to refrain from bidding, and that this bid is made without reference to any other bid and without any agreement, understanding, or combination with any other person in reference to such bidding.

He/She further says that no person or persons, firms, or corporation has/have or will receive directly or indirectly, any rebate, fee gift, commission, or thing of value on account of such sale.

PART 2 OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES FOR PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT.

Dated this 24th day of October, 2022

RB Construction

(Name of Organization)

Estimator / Project Manager

(Title of Person Signing)

Matt Cook

(Signature)



MAPLETON

3.2 ACKNOWLEDGMENT

STATE OF Utah)

) ss

COUNTY OF Utah)

Before me, a Notary Public, personally appeared the above named and swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to me this 24th day of October, 2022.

Janet Everitt

Notary Public Signature

My Commission Expires: 4-21-24



Notary Seal

END OF DOCUMENT

THE CINCINNATI INSURANCE COMPANY

Bid Bond

CONTRACTOR (Name, legal status and address):

RB Construction & Concrete Inc
946 E 800 N Suite C
Spanish Fork, UT 84660

SURETY (Name, legal status and principal place of business):

THE CINCINNATI INSURANCE COMPANY
6200 S. GILMORE ROAD
FAIRFIELD, OHIO 45014-5141

OWNER (Name, legal status and address):

Mapleton City
125 West 400 North
Mapleton, UT 84664

BOND AMOUNT:

5% of bid

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

PROJECT (Name, location or address, and Project number, if any):

Mapleton City Pipeline And Parking Lot Install.

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond the sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirements shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 25 day of October, 2022

(Witness)

(Witness)

RB Construction & Concrete Inc

(Principal)

(Seal)

(Title)

THE CINCINNATI INSURANCE COMPANY

(Surety)

Michael R. Vowles

(Title)

Michael R. Vowles, Attorney-in-Fact



THE CINCINNATI INSURANCE COMPANY

Fairfield, Ohio

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That THE CINCINNATI INSURANCE COMPANY, a corporation organized under the laws of the State of Ohio, and having its principal office in the City of Fairfield, Ohio, does hereby constitute and appoint

Valarie Trujillo, Brett Palmer, David Smedley, Danise Worwood, Robyn Jensen, Michael Vowles,

of SPANISH FORK, UT

and deliver on its behalf as Surety, and as its act and deed, any and all bonds, policies, undertakings, or other like instruments, as follows:

Twenty Five Million Dollars and 00/100 (\$25,000,000.00)

This appointment is made under and by authority of the following resolution passed by the Board of Directors of said Company at a meeting held in the principal office of the Company, a quorum being present and voting, on the 6th day of December, 1958, which resolution is still in effect:

"RESOLVED, that the President or any Vice President be hereby authorized, and empowered to appoint Attorneys-in-Fact of the Company to execute any and all bonds, policies, undertakings, or other like instruments on behalf of the Corporation, and may authorize any officer or any such Attorney-in-Fact to affix the corporate seal; and may with or without cause modify or revoke any such appointment or authority. Any such writings so executed by such Attorneys-in-Fact shall be binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company."

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company at a meeting duly called and held on the 7th day of December, 1973.

"RESOLVED, that the signature of the President or a Vice President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary or Assistant Secretary and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power of certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certified by certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company."

IN WITNESS WHEREOF, THE CINCINNATI INSURANCE COMPANY has caused these presents to be sealed with its corporate seal, duly attested by its Vice President this 10th day of May, 2012.



STATE OF OHIO) ss:
COUNTY OF BUTLER)

THE CINCINNATI INSURANCE COMPANY

Stephen A. Janta

Vice President

On this 10th day of May, 2012, before me came the above-named Vice President of THE CINCINNATI INSURANCE COMPANY, to me personally known to be the officer described herein, and acknowledged that the seal affixed to the preceding instrument is the corporate seal of said Company and the corporate seal and the signature of the officer were duly affixed and subscribed to said instrument by the authority and direction of said corporation.



Mark J. Huller

MARK J. HULLER, Attorney at Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration
date. Section 147.03 O.R.C.

I, the undersigned Secretary or Assistant Secretary of THE CINCINNATI INSURANCE COMPANY, hereby certify that the above is a true and correct copy of the Original Power of Attorney issued by said Company, and do hereby further certify that the said Power of Attorney is still in full force and effect.

GIVEN under my hand and seal of said Company at Fairfield, Ohio,
this 25th day of October, 2022



Scott R. Bolen

Assistant Secretary