

PRE-JOB KICKOFF

VERSION 5.0 APRIL 2023



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2. PROJECT REVIEW

Review and fill out the project details, this document is intended to provide a comprehensive review of the project and should be signed and stored by all involved parties.

SCOPE REVIEW ITEM	DETAIL	
CORE Project Number		
Customer Project Number		
AFE/PO#		
Expected start Date		
CORE Estimated Construction Days:		
Product		
Survey Length		
Total Pipe Ordered		
Total Joints		
Pipe- YJ m (ft)		
Pipe- YJ Joints		
Pipe- YJ2K m (ft)		
Pipe- YJ2k Joints		
Joint Coating Requirements		
Joint Coating Certified (STOPAQ & Scarguard)		
BORE Section Lengths & Quantity		
BORE Section Lengths & Quantity		
Flanges, ANSI & Grade, Quantity		
Venting Requirements		
Isolation Kits		
Risers (Quantity)	45 degree	
	90 degree	
Riser Drawings (Approval Required)		
Factory Bends List (Approval Required)		

3. SAFETY

The safety of all stakeholders is paramount to CORE Linepipe® Leadership. Safety is embedded throughout the development of every strategy, system, process, product, and service offering. The CORE Linepipe® team takes pride in our safety culture built on:

- The engineering of safety into systems, processes, products, and equipment designs.
- Critical assessment of hazards and work procedures to ensure the safe and efficient operation by production and field personnel.
- Documentation of processes, inspections, near misses, incidents, and daily toolbox talks for training, monitoring, and compliance.

PPE requirements e.g.: FR, Hi-Vis, Monitors	
Safety tickets required?	
What orientations are required?	
Company specific rules outside the norm e.g. designated smoking areas, road rules	
Are radios required? What channels are required and does CORE need signed authority to obtain those channels?	
Toolbox/safety meeting - typically held in conjunction with the contractor.	
Permit requirements? (Daily, Weekly)	
ERP - CORE would like to have before project kick off, who can provide this to CORE?	
Is there a medic on site? Where are they located? Where is the closest hospital?	
Cell phone use: CORE requires cell phones for SiteDocs and safety paperwork	

Additional notes:

4. CREW ROTATION

The expected CORE Service® crew rotation is 24 days on and 5 days off. This is based off the current OH&S guidelines in Canada.

- For projects in the US or in other jurisdictions CORE Linepipe® can accommodate a custom crew rotation as needed.

CORE 2 – PERSON MAINLINE CONFIGURATION	
Contractor Supplied	CORE Supplied
Track Hoe	Crew/EF Truck or Side by Side
Side Boom	Job Trailer
Trucks	Field Press
Side Boom Operator	Custom Tools
Track Hoe Operator	EF Tech
Stabber	Field Press Operator
Joint Preparation	
Joint Coating #1	
Joint Coating #2	
6 Personnel	2 Personnel

CORE 4– PERSON MAINLINE CONFIGURATION	
Contractor Supplied	CORE Supplied
Side Boom	Track Hoe
Trucks	EF Truck or Side by Side
Side Boom Operator	Crew Truck
Stabber	Job Trailer
Joint Coating #1	Field Press
Joint Coating #2	Custom Tools
	Joint Preparation
	Track Hoe Operator
	EF Tech
	Field Press Operator
4 Personnel	4 Personnel

5. PROJECT LOCATION/ACCOMMODATION

Closest recommended accommodation (or camp location)

6. TICKETS & INVOICING

Who should be included on the email list for daily tickets and reports? **When sending signed tickets back please respond all.*

*There will be an upfront materials ticket that will reflect the sales order and shipping tally at the beginning of the project to accompany the daily tickets/ reports.

*All materials will be billed at the beginning of the project.

For additional items that are required to complete your project, that are not on the original order, a written request to your Sales Representative is required. Including material type, quantities, delivery instructions, financial information (AFE, project number, etc.) and billing instructions (PO update or billed on a ticket) will help to expedite deliveries.

7. SHIPPING & RECEIVING

- A minimum of 7 days notice is required to secure load time and delivery time for pipe.
 - Additional charges may apply if pipe trailers are staged or experience excessive wait time.
- Minimum 10 days notice to secure load time and delivery time for bends.
- Load times available Monday to Friday at Crossfield facility.
- No returns without appropriate completed Return Material Authorization (RMA) number and form filled out, must be approved by Gateway and CORE representative.
- All pipe bunks need to be shipped back to CORE manufacturing plant in Crossfield.
- CORE Liner standard joint length is 18.7 m (62 ft).

CORE LINER WEIGHTS - CANADA	CL440		CL640		CL648		CL671		CL856	
	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg
Total Weight per Joint	595	270	882	400	1,011	459	1,404	637	1,586	720
Maximum Net / Payload Weight	58,000	26,332	58,000	26,332	58,000	26,332	58,000	26,332	58,000	26,332
Recommended Joints Per Truck	78		60		56		40		35	
CORE Liner® meters per truckload	1,459		1,122		1,047		748		655	

CORE LINER WEIGHTS - USA	CL440		CL640		CL648		CL671		CL856	
	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg
Total Weight per Joint	595	270	882	400	1,011	459	1,404	637	1,586	720
Maximum Net / Payload Weight	37,850	17,184	37,850	17,184	37,850	17,184	37,850	17,184	37,850	17,184
Recommended Joints Per Truck	63		42		37		26		24	
CORE Liner® feet per truckload	3,864		2,576		2,269		1,595		1,472	

Additional notes:

8. DELIVERY & STORAGE

- Pipe is delivered to site on wooden bunks that need to be shipped back to CORE's manufacturing plant in Crossfield.
- Synchronized pipe loading with direction for stringing. (Factory end of CORE pipe to front or rear of truck).
- There is less pipe per truck if required to be loaded mandrel to rear.
- CORE representative to be onsite for first time client, inspector, contractor (or existing contractor with a new spread boss).

9. INSTALLATION

- The installation of a CORE pipeline system is directional (during operation the pipeline can be used to transport fluids in both directions).
- Consider direction so that bores are pulled from CORE factory end (typically direction of workflow) so we can utilize CORE's reusable pull head and eliminate additional field cuts/transition pups or a welding unit to having to be on site.
- Pipe is to be double tubbed, tubs to be placed a minimum of 3.5m (11.5ft) from the end of the pipe. If possible, tall tubs are preferred. Maintain 0.3m (1ft) between pipe for front end work (cut, scrape, pre-clean).
- Pipe crotches are required at every 7 joints minimum.
- No end hooks to be used. Slings, vacuum pack or Calipers recommended.
- Spacing required for Walter between multi- lines, minimum 1.2m (4ft) on either side and 6.4m (21ft) from edge of ROW to ditch. If limited ROW 2 booms (1 in front and one behind Walter) speeds up mainline as spacing is not required on either side of CORE Liner®.

10. PACKAGING

- End packaging must remain on pipe until time of connection. Packaging that is open on pipe and is not connected must be capped at the end of each day (typically after lowering in or pre-jeep).
- Lowered in pipe must have pipe ends elevated from ditch bottom, if potential of submersion exists, end packaging needs to be waterproof.
- Submerged pipe is not recommended.
- Failure to properly protect the CORE Liner® ends may cause damage to the product resulting in the inability to use those sticks of pipe.

SCOPE REVIEW ITEM	DETAIL
Stringing/loading direction confirmed	
BORE/HDD (number, meterage, pre-test, # of boring units)	
Bore direction/Pull head requirement	

11. PIPE POSITION

- CORE Liner® can be installed in any sequence or in- ditch position on multi- line projects.
- Stringing position of CORE Liner® does not have to match the install position.
- To maximize productivity when constructing multiple lines, it is optimal to have the CORE Liner® line in the following installed positions (in the ditch).
 1. Outside position on dual line
 2. Inside position on 3 or more lines
 3. Avoid being a middle line

Additional notes:

12. BENDS & RISERS

- Riser drawing and ROW bend requirements must be signed off prior to bending.
- Bends/risers are to be pre-ordered and are subject to bend shop time availability. Average delivery is 10 days from order.
- Bends minimum of 20xD bend radius. Bends 30 degrees or greater recommended to be factory bent.
- Avoid slip bending.
- 1.82m (6ft) of straight pipe required to make a field cut.

13. MAINLINE

- Crotch required on every start/end joint and a minimum of every seven joints
- The CORE Service Team will ClickWeld® and electrofuse linepipe in ambient temperatures from -30°C (-22°F) to +45°C (+113°F).
- Productivity is affected in extreme weather conditions.

14. LOWERING IN

- Pneumatic rubber tire cradles for lowering in to eliminate cover damage.
- If regular cradles want to be used another lifting device will be required to allow cradles to pass by connections.

15. HDD & BORING

- Reference section 8.15 in Contractor Development Program for maximum pull force and hydrotest procedure.
- Reference section 8.15 in Contractor Development for Bore Hydro Test Procedure.
- The O.D. of the pipe is larger than the nominal pipe size.
- 4"-6" O.D., pull head sleeve- 7&5/ 16 O.D
- 6"-8" O.D., pull head sleeve- 9.5" O.D
- 8"-10" O.D., pull head sleeve- 12& 7/8"
- It is best practice to pre- hydrotest all high profile bore sections before pulling bores.
- CORE has a bolt on pull head that can be utilized if the pipe is strung the correct way.
- If a bore is pre-tested, a regular weld-on pull head will be required.

16. BELL HOLE & TIE IN

- Reference section 8.8 in Contractor Development for bell hole drawing.
- For in- line tie- ins, CORE Liner® requires a minimum of +3 joint length gap starting from the joint needing connections.
- CORE Linepipe® requires accessible bell holes that are big enough to accommodate the installation equipment field press. Typically, a bell hole of at least 8.2 feet (2.5 meters) wide by 20 feet (6 meters) long is required.
- Spacing required at tie-in for bore locations/ crossings (10m (1/2 joint) *(32.8ft) to be hanging out either side of bore exit/ entry. If you must cut the bore once its pulled Walter needs 3.35m (11ft) minimum from ditch wall to end of pipe.

17. SLEEVING

- It is strongly recommended that coating protection installers be certified (mandated in Canada).
- Follow supplied coating protection application guides.

18. GARBAGE DISPOSAL

- It is required for the mechanical contractor to supply an appropriate garbage disposal.
- If a factory end must be cut off, there will be a portion of secured HDPE within the steel, HDPE liner may be removed from a field end cut off.

19. ONSITE MEETING

- Schedule an onsite visit prior to stringing with inspector, contractor, and CORE field management/ foreman.



CORE LINEPIPE