



SURVEY DATA		STATIONING	
MATCHLINE 180+00	MATCHLINE 220+00	180+00	220+00

ENGINEERING DATA		MATERIAL	
MATCHLINE 180+00	MATCHLINE 220+00	180+00	220+00

ENVIRONMENTAL DATA		STATIONS	
MATCHLINE 180+00	MATCHLINE 220+00	180+00	220+00

BILL OF MATERIALS				MISCELLANEOUS MATERIALS				TYPICAL DRAWINGS		GENERAL INFORMATION	
ITEM NO.	QTY	UOM	DESCRIPTION	QTY	UOM	DESCRIPTION	DWG/FIELD BOOK NO.	TITLE	1.	THE MINIMUM DEPTH OF COVER FOR THE PROJECT IS 36 INCHES. ADDITIONAL DEPTH OF COVER IS REQUIRED FOR ROAD AND WATERBODY CROSSINGS, AND IS TO BE IN ACCORDANCE WITH REFERENCED PERMIT DRAWINGS, SITE SPECIFIC DRAWINGS, OR CONSTRUCTION SPECIFICATIONS, WHICHEVER IS MORE STRINGENT.	
4	380	FT	36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO	0	EA	SET ON WEIGHTS	21040-510-TYP-20001	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1	2.	THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.	
5	EA		36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	3	EA	PIPELINE MARKERS	21040-510-TYP-20002	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2	3.	THE REQUIRED STATE ONE CALL NOTIFICATION IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.	
6	EA			1	EA	WARNING SIGNS	21040-510-TYP-20028	CP TEST STATION TYPE 1	4.	THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.	
				0	EA	CP TEST STATION TYPE 2	21040-510-TYP-20029	CP TEST STATION TYPE 2	5.	ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.	
				0	EA	AERIAL MARKERS	21040-510-TYP-20011	TYPICAL OPEN CUT / BORE	6.	MAP PROJECTION: NAD 1983 HARN STATE PLANE FLORIDA EAST FIPS 0901 FEET. VERTICAL DATUM: NAVD 88.	
				0	EA	ANODE BED DEEP WELL	21040-510-TYP-20012	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE			
<b>FITTINGS SUMMARY</b>				<b>CONTINUOUS CONCRETE COATING</b>				<b>SPECIAL NOTES</b>			
ITEM NO.	QTY	UOM	DESCRIPTION	QTY	UOM	DESCRIPTION	21040-510-TYP-20013	TYPICAL SADDLE BAG WEIGHTS	1.	INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-505-FBW-00001.	
				2393	FT	7" OF CONTINUOUS CONCRETE COATING (140 PCF DENSITY CONCRETE)	21040-510-TYP-20014	WARNING SIGN DETAIL	2.	SEE MARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.	
<b>PIPE ASSEMBLIES</b>				<b>PIPE COATING DATA</b>							
QTY	UOM	DESCRIPTION	DESCRIPTION	21040-510-TYP-20016	AERIAL MARKER DETAIL						
				21040-510-TYP-20017	TYPICAL PIPELINE MARKER ASSEMBLY						
				21040-510-TYP-20018	PIPELINE MARKER "WARNING" DECAL						

LEGEND	
HDD PIPE	PIPELINE ROUTE
BORE PIPE	X FENCE
LINE PIPE	P POWER LINE
INDUCTION BEND	T TELEPHONE LINE
TRANSITION PIPE	W WATERLINE
CONT. CONC. COAT.	S SEWER LINE
BURIED CABLE	C BURIED CABLE
UTILITY LINE	U UTILITY LINE
GENERAL SURVEY	GENERAL SURVEY
FOREIGN PIPELINE	FOREIGN PIPELINE
RAILROAD	RAILROAD
HIGHWAY / ROAD	HIGHWAY / ROAD
PRIVATE ACCESS / SHOOPLY ROAD	PRIVATE ACCESS / SHOOPLY ROAD
COUNTY BOUNDARY	COUNTY BOUNDARY
ROW PARCEL	ROW PARCEL
PLSS SECTION LINE	PLSS SECTION LINE
TRAP	TRAP
WATER WELL	WATER WELL
HDD ENTRY / EXIT	HDD ENTRY / EXIT

REVISIONS	
NO.	DESCRIPTION
1	IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT)
0	ISSUED FOR CONSTRUCTION

APPROVAL		COMPANY	
ENVIRONMENTAL	LAND		

APPROVALS			
DRAWN BY:	MB	CONSTRUCTION PERMIT NO.	
CHECKED BY:	MJ	MAINTENANCE OPERATION REGION	
PROJECT MANAGER:	RG	MIN. TEST PRESSURE	1816 PSI
PROJECT DEF. NO.		DESIGN PRESSURE	1440 PSI
<b>FLORIDA SOUTHEAST CONNECTION PROJECT</b> STA: 180+00 TO 220+00      DISCIPLINE: 03 <b>FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET</b> <b>POLK COUNTY, FLORIDA</b> SCALE: 1" = 200'      21040-510-ALS-00005      REV. 1			