



SURVEY DATA		STATIONING	
MATCHLINE 2150+00		MATCHLINE 2150+00	
MATCHLINE 2150+00		MATCHLINE 2200+00	

ENGINEERING DATA		MATERIAL	
MATCHLINE 2150+00		MATCHLINE 2150+00	
MATCHLINE 2150+00		MATCHLINE 2200+00	

ENVIRONMENTAL DATA		STATIONS	
MATCHLINE 2150+00		MATCHLINE 2150+00	
MATCHLINE 2150+00		MATCHLINE 2200+00	

BILL OF MATERIALS				MISCELLANEOUS MATERIALS				TYPICAL DRAWINGS		GENERAL INFORMATION		LEGEND				REVISIONS				APPROVALS			
ITEM NO.	QTY	UOM	DESCRIPTION	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	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.	HDD PIPE	PIPELINE ROUTE	PERMANENT ROW	NO.	DESCRIPTION	DATE	REV BY	CHK BY	APP BY	DRAWN BY:	MB	CONSTRUCTION PERMIT NO.
1	4830	FT	36" O.D. x 0.520" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	5	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.	BORE PIPE	X	FENCE	1	IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT)	2016-04-08	MB	MJ	RG	CHECKED BY:	MJ	MAINTENANCE OPERATION REGION
3	100	FT	36" O.D. x 0.635" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO	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.	INDUCTION BEND	P	POWER LINE	0	ISSUED FOR CONSTRUCTION	2015-12-15	MB	MJ	RG	PROJECT MANAGER:	RG	MIN. TEST PRESSURE 1816 PSI
6	40	FT	36" O.D. x 0.750" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	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.	TRANSITION BEND	T	TELEPHONE LINE							PROJECT DEF. NO.:		DESIGN PRESSURE 1440 PSI
				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.	SHOOPLY ROAD	W	WATERLINE									
				0	EA			AERIAL MARKERS	21040-510-TYP-20112	TYPICAL OPEN CUT / BORE	6. MAP PROJECTION: NAD 1983 HARN STATE PLANE FLORIDA EAST FIPS 0901 FEET. VERTICAL DATUM: NAVD 88.	SEWER LINE	S	SEWER LINE									
				0	EA			ANODE BED DEEP WELL	21040-510-TYP-20113	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE		BURIED CABLE	C	BURIED CABLE									
FITTINGS SUMMARY				CONTINUOUS CONCRETE COATING				PIPE COATING DATA		SPECIAL NOTES		ENVIRONMENTAL DATA				APPROVALS							
ITEM NO.	QTY	UOM	DESCRIPTION	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION	21040-510-TYP-20114	WARNING SIGN DETAIL	1. INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-505-FBW-00001.	UTILITY LINE	U	UTILITY LINE									
									21040-510-TYP-20115	AERIAL MARKER INSTALLATION DETAIL	2. 3" - SEE ARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.	GENERAL SURVEY	GS	GENERAL SURVEY									
									21040-510-TYP-20116	AERIAL MARKER DETAIL		RAILROAD	RR	RAILROAD									
									21040-510-TYP-20117	TYPICAL PIPELINE MARKER ASSEMBLY		HIGHWAY / ROAD	HR	HIGHWAY / ROAD									
									21040-510-TYP-20118	PIPELINE MARKER "WARNING" DECAL		PRIVATE ACCESS / SHOOPLY ROAD	PAR	PRIVATE ACCESS / SHOOPLY ROAD									
QTY	UOM	DESCRIPTION	DESCRIPTION	PIPE COATING: 14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO								PLSS SECTION LINE	PLSS	PLSS SECTION LINE									
1	EA	MLBV 5 (30')	INTERNAL COATING (YES/NO): NO									ROW PARCEL	ROW	ROW PARCEL									