



SURVEY DATA		STATIONING
MATCHLINE 6600+00	6600+00	6600+00
MATCHLINE 6625+00	6625+00	6625+00

ENGINEERING DATA		MATERIAL
MATCHLINE 6600+00	6600+00	6600+00
MATCHLINE 6625+00	6625+00	6625+00

REFERENCE DRAWING	21040-505-HDW-21023
CLASS LOCATION	Class I
MINIMUM DEPTH OF COVER	3' SEE REF DWG
AC MITIGATION / CATHODIC PROTECTION	SEE REF DWG

ENVIRONMENTAL DATA		STATIONS
MATCHLINE 6600+00	6600+00	6600+00
MATCHLINE 6625+00	6625+00	6625+00

BILL OF MATERIALS				MISCELLANEOUS MATERIALS				TYPICAL DRAWINGS	
ITEM NO.	QTY	UOM	DESCRIPTION	QTY	UOM	DESCRIPTION	DWG/FIELD BOOK NO.	TITLE	
10	1207	FT	30" O.D. x 0.429" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	0	EA	SET ON WEIGHTS	21040-510-TYP-20001	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1	
11	80	FT	30" O.D. x 0.617" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO	0	EA	WARNING SIGNS	21040-510-TYP-20002	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2	
				0	EA	CP TEST STATION TYPE 1	21040-510-TYP-20028	TYPICAL OPEN CUT / BORE	
				0	EA	CP TEST STATION TYPE 2	21040-510-TYP-20029	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE	
				0	EA	AERIAL MARKERS	21040-510-TYP-20112	TYPICAL SADDLE BAG WEIGHTS	
				0	EA	ANODE BED DEEP WELL	21040-510-TYP-20114	WARNING SIGN DETAIL	
							21040-510-TYP-20115	AERIAL MARKER INSTALLATION DETAIL	
							21040-510-TYP-20116	AERIAL MARKER DETAIL	
							21040-510-TYP-20117	TYPICAL PIPELINE MARKER ASSEMBLY	
							21040-510-TYP-20118	PIPELINE MARKER "WARNING" DECAL	

FITTINGS SUMMARY				CONTINUOUS CONCRETE COATING			
ITEM NO.	QTY	UOM	DESCRIPTION	QTY	UOM	DESCRIPTION	
1	EA		8" 3R VERTICAL FITTING				
3	EA		90" 3R HORIZONTAL FITTING				

PIPE COATING DATA	
PIPE COATING:	14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO
GIRTH WELD COATING:	2 PART EPOXY
INTERNAL COATING (YES/NO):	NO

GENERAL INFORMATION		LEGEND	
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.	2. THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.	3. THE REQUIRED STATE ONE CALL NOTIFICATION IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.	4. THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.
5. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.	6. MAP PROJECTION: NAD 1983 HARN STATE PLANE FLORIDA EAST FIPS 0901 FEET. VERTICAL DATUM: NAVD 88.	SPECIAL NOTES 1. INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-505-FBW-00001. 2. SEE ARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.	

REVISIONS				
NO.	DESCRIPTION	DATE	REV BY	CHK BY
1	IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT)	2016-04-08	MB	MJ
0	ISSUED FOR CONSTRUCTION	2015-12-15	MB	MJ

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	

FLORIDA SOUTHEAST CONNECTION PROJECT

STA: 6600+00 TO 6625+00 DISCIPLINE: 03

FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET
MARTIN COUNTY, FLORIDA

SCALE: 1" = 200' 21040-510-ALS-00139 REV. 1