



SURVEY DATA	STATIONING	MATCHLINE 1325+00	MATCHLINE 1365+00
	MATERIAL	MATCHLINE 1325+00	MATCHLINE 1365+00
ENGINEERING DATA	REFERENCE DRAWING	21040-440-PMW-10007	
	CLASS LOCATION	Class II	
ENVIRONMENTAL DATA	WATERBODY/WETLAND CROSSINGS	1331+73 1341+73 1342+69 1342+69 1357+79 1357+79	
	STATIONS	1335+97 1335+72 1341+74 1341+91	

BILL OF MATERIALS				
ITEM NO.	QTY	UOM	REQ. NUMBER	DESCRIPTION
5	4000	FT		36" O.D. x 0.625" W.T., API 5L X70, PSL2, DSAW, 14-16 MILS FBE

MISCELLANEOUS MATERIALS				
QTY	UOM	REQ. NUMBER	MATERIAL NUMBER	DESCRIPTION
0	EA			SET ON WEIGHTS
3	EA			PIPELINE MARKERS
1	EA			WARNING SIGNS
0	EA			CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2
0	EA			CP TEST STATION TYPE 1
0	EA			CP TEST STATION TYPE 2
0	EA			AERIAL MARKERS
0	EA			ANODE BED DEEP WELL

TYPICAL DRAWINGS		
DWG/FIELD BOOK NO.	TITLE	DESCRIPTION
21040-510-TYP-20001	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1	
21040-510-TYP-20002	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2	
21040-510-TYP-20028	TYPICAL OPEN CUT / BORE	
21040-510-TYP-20029	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE	
21040-510-TYP-20113	TYPICAL SADDLE BAG WEIGHTS	
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	

GENERAL INFORMATION

- 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.
- THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.
- THE REQUIRED STATE ONE CALL NOTIFICATION IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.
- THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.
- ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.
- MAP PROJECTION: NAD 1983 HARN STATE PLANE FLORIDA EAST FIPS 0901 FEET. VERTICAL DATUM: NAVD 88.

SPECIAL NOTES

- INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-505-FBW-00001.
- SEE ARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.

LEGEND	
—	HDD PIPE
—	BORE PIPE
—	LINE PIPE
—	3R RAD FIT
—	INDUCTION BEND
—	TRANSITION PIPE
—	CONT. CONC. COAT.
—	BURIED CABLE
—	UTILITY LINE
—	GENERAL SURVEY
—	FOREIGN PIPELINE
—	RAILROAD
—	HIGHWAY / ROAD
—	PRIVATE ACCESS / SHOULDER ROAD
—	COUNTY BOUNDARY
—	ROW PARCEL
—	PLSS SECTION LINE
—	TRAP
—	WATER WELL
—	HDD ENTRY / EXT
—	PERMANENT ROW
—	TEMPORARY WORKSPACE
—	ADDITIONAL TEMPORARY WORKSPACE
—	NON-FORESTED WETLAND
—	FORESTED WETLAND
—	WATERBODY
—	PARCEL NUMBER
—	WETLAND / WATERBODY NAME
—	ROCKERY
—	ROCKERY BUFFER (100 FEET)
—	TYPICAL / DETAIL CONFIGURATION
—	POINT OF INTERSECTION (PI)
—	VERTICAL FITTING
—	SPREAD BREAK
—	ENVIRONMENTAL SURVEY AREA

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

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: 1325+00 TO 1365+00 DISCIPLINE: 03
FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET
POLK COUNTY, FLORIDA

SCALE: 1" = 200' 21040-510-ALS-00030 REV. 1