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SURVEY DATA		STATIONING
MATCHLINE 3550+00	3562+23 TOP OF BANK 3562+37 TOP OF SLOPE 3562+48 TOP OF BANK 3562+78 CATTLE GUARD 3562+78 LT 23 3562+78 CATTLE GUARD 3562+87 LT 17 3562+87 UNNAMED RD 3562+87 CLAR 1380 3562+94 CATTLE GUARD 3562+94 CATTLE GUARD 3562+94 LT 24 3565+78 P.L. 13°26'49" RT	MATCHLINE 3600+00

ENGINEERING DATA		MATERIAL
MATCHLINE 3550+00	3563+49 3561+66 3562+88 3562+92 3562+96 3568+69 3570+21 3574+89 3584+91 3585+44 3584+22 3584+49 3587+00 3587+51 3588+16	13-9K# SBW 10.5 CC 151-9K# SBW 10.5 CC 12-9K# SBW 10.5 CC

ENVIRONMENTAL DATA		STATIONS
MATCHLINE 3550+00	W-344 W-348 W-347 W-349 W-347 W-351	MATCHLINE 3600+00

BILL OF MATERIALS		MISCELLANEOUS MATERIALS	TYPICAL DRAWINGS	GENERAL INFORMATION							
ITEM NO.	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. 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.			
1	5000	FT			36" O.D. x 0.520" W.T., API SL, X70, PSL2, DSAW, 14-16 MILS FBE	21040-510-TYP-20001	SET ON WEIGHTS				
6	EA				PIPELINE MARKERS	21040-510-TYP-20002	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1				
3	EA				WARNING SIGNS	21040-510-TYP-20028	TYPICAL OPEN CUT / BORE				
1	EA				CP TEST STATION TYPE 1	21040-510-TYP-20029	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE				
0	EA				CP TEST STATION TYPE 2	21040-510-TYP-20011	TYPICAL SADDLE BAG WEIGHTS				
0	EA				AERIAL MARKERS	21040-510-TYP-20014	WARNING SIGN DETAIL				
0	EA				ANODE BED DEEP WELL	21040-510-TYP-20115	AERIAL MARKER INSTALLATION DETAIL				
FITTINGS SUMMARY		CONTINUOUS CONCRETE COATING		PIPE COATING DATA		SPECIAL NOTES					
ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION	ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
1	5000	FT			PIPE COATING: 14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO	1	INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-505-FBW-00001.				
					GIRTH WELD COATING: 2 PART EPOXY	2	SEE ARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.				
					INTERNAL COATING (YES/NO): NO						

LEGEND

HDD PIPE	PIPELINE ROUTE	PERMANENT ROW
BORE PIPE	X POWER LINE	TEMPORARY WORKSPACE
LINE PIPE	P POWER LINE	ADDITIONAL TEMPORARY WORKSPACE
3R RAD FIT	T TELEPHONE LINE	NON FORESTED WETLAND
INDUCTION BEND	W WATERLINE	FORESTED WETLAND
TRANSITION PIPE	S SEWER LINE	WATERBODY
BURIED WEIGHTS	C BURIED CABLE	PARCEL NUMBER
CONC CONC. COAT.	U UTILITY LINE	WETLAND / WATERBODY NAME
WARNING SIGN	GENERAL SURVEY	ROCKERY BUFFER (1000 FEET)
MATERIAL ITEM	FOREIGN PIPELINE	TYPICAL / DETAIL CONFIGURATION
AERIAL MARKER	RAILROAD	POINT OF INTERSECTION (PI)
CP TEST STATION	HIGHWAY / ROAD	VERTICAL FITTING
BY MOV. / BY CV	PRIVATE ACCESS / SHOOLY ROAD	SPREAD BREAK
PIPELINE MARKER	COUNTY BOUNDARY	ENVIRONMENTAL SURVEY AREA
PIPELINE MILEPOST	ROW PARCEL	
ANODE BED DEEP WELL	PLSS SECTION LINE	
	TRAP	
	WATER WELL	
	HDD ENTRY / EXIT	

REVISIONS

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

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: 3550+00 TO 3600+00 DISCIPLINE: 03

FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET

OSCEOLA COUNTY, FLORIDA

SCALE: 1" = 200' 21040-510-ALS-00076 REV. 1