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SURVEY DATA	STATIONING
MATCHLINE 5050+00	5082+11 MONUMENT LT 58'
	5084+28 FENCE CORNER RT 24'
	5084+30 FENCE
	5081+29 FENCE CORNER RT 23'
	5081+30 FENCE
	5082+39 ROAD EDGE
	5082+45 DRIVEWAY
	5082+50 ROAD EDGE
	5083+14 FENCE CORNER RT 19'
	5083+15 FENCE
	5084+76 FENCE CORNER RT 9'
	5084+76 FENCE
	5085+37 FENCE CORNER RT 19'
	5086+38 PI 1.023137 RT
	5086+55 PI 1.023137 RT
	5086+74 FENCE
	5087+98 PI 8.541272 LT
	5088+07 GUY ANCHOR RT 26'
	5088+14 RT 26'
	5088+25 GATE LT 48'
	5088+39 FENCE CORNER LT 49'
	5088+40 LT 49'
	5088+54 GATE LT 49'
	5089+79 FENCE
	5077+23 TOP OF BANK
	5077+47 TOP OF BANK
	5085+44 PI 1.023299 LT
	5088+37 CLAR 1254
	5090+87 PI 8+17.31 RT
	5093+37 PI 1.047544 LT
MATCHLINE 5100+00	

ENGINEERING DATA	MATERIAL
MATCHLINE 5050+00	5090+87
	1222'
	5091+31
	5092+22
	5092+62
	5096+65
	5096+74
	5098+15
	5099+80
	5076+60
	5077+88
	5078+80
	5091+82
	5098+80
MATCHLINE 5100+00	5099+80

ENVIRONMENTAL DATA	STATIONS
WATERBODY/WETLAND CROSSINGS	5077+15
WATERBODY/WETLAND LENGTH	5077+42
	5078+80
	5091+82
	5098+80

ENVIRONMENTAL DATA	STATIONS
PERMANENT EROSION CONTROL	THIS BAND NOT UTILIZED
SLOPE BREAKER CODE	THIS BAND NOT UTILIZED
TOPSOIL SAVAGE	THIS BAND NOT UTILIZED
THREATENED AND ENDANGERED SPECIES	THIS BAND NOT UTILIZED
TIMING CONSTRAINT	THIS BAND NOT UTILIZED
CONSTRAINT 2	THIS BAND NOT UTILIZED
CONSTRAINT 3	THIS BAND NOT UTILIZED
CONSTRAINT 4	THIS BAND NOT UTILIZED

BILL OF MATERIALS			
ITEM NO.	QTY	UOM	DESCRIPTION
Z	4960	FT	30" O.D. x 0.429" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
g	40	FT	30" O.D. x 0.514" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO

MISCELLANEOUS MATERIALS			
QTY	UOM	REQ#	DESCRIPTION
13	EA		SET ON WEIGHTS
6	EA		PIPELINE MARKERS
3	EA		WARNING SIGNS
1	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
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-20112	TYPICAL SADDLE BAG WEIGHTS
21040-510-TYP-20113	WARNING SIGN DETAIL
21040-510-TYP-20114	AERIAL MARKER INSTALLATION DETAIL
21040-510-TYP-20115	AERIAL MARKER DETAIL
21040-510-TYP-20116	TYPICAL PIPELINE MARKER ASSEMBLY
21040-510-TYP-20117	PIPELINE MARKER "WARNING" DECAL
21040-510-TYP-20118	ANODE BED DEEP WELL

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

REVISIONS			
NO.	DESCRIPTION	DATE	REV 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
CHECKED BY:	MJ
PROJECT MANAGER:	RG
PROJECT DEF. NO.	