



SURVEY DATA	STATIONING
MATCHLINE 1240+00	MATCHLINE 1240+00
1247+21 FUTURE COUNTY ROW 1247+32 FENCE	1247+32
1252+54 FENCE CORNER 1252+64 FENCE RT 15' 1252+81 FENCE CORNER 1252+90 FENCE 1253+91 FENCE	1252+54 1252+90 1253+92
1260+05 PL 48" 288' LT 1260+64 FENCE RT 15' 1260+34 MONUMENT LT 1260+35 POWER POLE LT 1260+49 ROAD EDGE 1260+61 CLAR 282 1260+71 ROAD EDGE 1260+88 POWER POLE 1260+90 FUTURE LINE 1261+10 PL 5" 317' RT	1260+21 1260+80 1261+05 1270+82
1273+88 FUTURE COUNTY ROW	1273+88
1287+07 CLAR 1346 1287+07 FUTURE COUNTY ROW	1287+88
MATCHLINE 1290+00	MATCHLINE 1290+00

ENGINEERING DATA	MATERIAL
1242+43	481'
1244+81	
1247+32	
1252+54	1540'
1252+90	
1253+92	
1260+21	
1260+80	
1261+05	
1270+82	
1273+88	2899'
1287+88	

ENVIRONMENTAL DATA	STATIONS
WATERBODY/WETLAND CROSSINGS	1246+92 1247+32
WATERBODY/WETLAND LENGTH	1252+54 1252+90
	1260+21 1261+01
	1273+88 1273+88
	1287+88 1287+88 1287+87 1287+16 1287+27

ENVIRONMENTAL DATA	STATIONS
PERMANENT EROSION CONTROL	
SLOPE BREAKER CODE	
TOPSOIL SAVAGE	
THREATENED AND ENDANGERED SPECIES	Potential Sand Skink Habitat
TIMING CONSTRAINT	
CONSTRAINT 2	
CONSTRAINT 3	
CONSTRAINT 4	

BILL OF MATERIALS		
ITEM NO.	QTY	UOM
4	80	FT
5	481	FT
6	4439	FT

MISCELLANEOUS MATERIALS		
QTY	UOM	RECN NUMBER
0	EA	
3	EA	
8	EA	
1	EA	
0	EA	
0	EA	
0	EA	

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	INTERNAL COATING (YES/NO): NO

GENERAL INFORMATION	
DESCRIPTION	REVISIONS
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.	1. IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT)
2. THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.	0. ISSUED FOR CONSTRUCTION
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.	

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

REVISIONS			
NO.	DESCRIPTION	DATE	REV 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: 1240+00 TO 1290+00 DISCIPLINE: 03

FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET

POLK COUNTY, FLORIDA

SCALE: 1" = 200'

21040-510-ALS-00028 REV. 1