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SURVEY DATA		STATIONING	
MATCHLINE 3250+00	3250+00	MATCHLINE 3300+00	3300+00
3259+87 FENCE 3259+97 FENCE 3260+00 POWER POLE RT 35 3260+13 FENCE 3260+25 UNIMPAVED RD 3260+25 CLAR 1382 3260+34 ROAD EDGE 3260+65 SIGN POST RT 3260+85 SIGN POST RT 3262+13 FENCE 3272+10 TOE OF SLOPE 3272+46 TOE OF SLOPE 3285+69 POWER POLE LT 21 3285+70 CLY ANCHOR LT 7		3294+20 IRON ROD LT 25	
ENGINEERING DATA		MATERIAL	
REFERENCE DRAWING CLASS LOCATION MINIMUM DEPTH OF COVER AC MITIGATION / CATHODIC PROTECTION		985' 80' 3277+20 3281+00 3281+50 3290+76	
WATERBODY/WETLAND CROSSINGS WATERBODY/WETLAND LENGTH		W-310 330'	
ENVIRONMENTAL DATA		STATIONS	
PERMANENT EROSION CONTROL SLOPE BREAKER CODE TOPSOIL SALVAGE THREATENED AND ENDANGERED SPECIES TIMING CONSTRAINT CONSTRAINT 2 CONSTRAINT 3 CONSTRAINT 4		THIS BAND NOT UTILIZED THIS BAND NOT UTILIZED THIS BAND NOT UTILIZED THIS BAND NOT UTILIZED THIS BAND NOT UTILIZED THIS BAND NOT UTILIZED THIS BAND NOT UTILIZED	

BILL OF MATERIALS				MISCELLANEOUS MATERIALS				TYPICAL DRAWINGS		GENERAL INFORMATION		LEGEND		REVISIONS				APPROVALS			
ITEM NO.	QTY	UOM	DESCRIPTION	QTY	UOM	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.	HDD PIPE	PIPELINE ROUTE	PERMANENT ROW	NO.	DESCRIPTION	DATE	REV BY	CHK BY	APP BY	DRAWN BY:	MB	CONSTRUCTION PERMIT NO.
1	4920	FT	36" O.D. x 0.520" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE	42	EA	SET ON WEIGHTS	21040-510-TYP-20001	CATHODIC PROTECTION STD. SINGLE POINT TEST STATION, TYPE 1	2. THE BOUNDARIES OF ALL WORK AREAS WILL BE CLEARLY MARKED AND ALL WORK SHALL REMAIN WITHIN THE DESIGNATED WORK AREA.	BORE PIPE	FENCE	TEMPORARY WORKSPACE									
3	80	FT	36" O.D. x 0.625" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO	3	EA	PIPELINE MARKERS	21040-510-TYP-20002	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2	3. THE REQUIRED STATE ONE CALL NOTIFICATION IS THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTOR.	LINE PIPE	POWER LINE	ADDITIONAL TEMPORARY WORKSPACE	1	IFC (UPDATE ENV. RE-ROUTES, FOOT-PRINT)	2016-04-08	MB	MJ	RG	PROJECT MANAGER	RG	MIN. TEST PRESSURE 1816 PSI
				2	EA	WARNING SIGNS	21040-510-TYP-20028	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE	4. THE CONTRACTOR SHALL ACCESS THE WORK AREA USING ONLY PUBLIC ROADS AND APPROVED ACCESS ROADS.	SR RAD FIT	TELEPHONE LINE	NON FORESTED WETLAND	0	ISSUED FOR CONSTRUCTION	2015-12-15	MB	MJ	RG	PROJECT DEF. NO.		DESIGN PRESSURE 1440 PSI
				1	EA	CP TEST STATION TYPE 1	21040-510-TYP-20112	TYPICAL OPEN CUT / BORE	5. ADDITIONAL WARNING SIGNS MAY BE REQUIRED AS DICTATED BY CONSTRUCTION CONTRACT.	INDUCTION BEND	WATERLINE	FORESTED WETLAND									
				0	EA	CP TEST STATION TYPE 2	21040-510-TYP-20113	TYPICAL SADDLE BAG WEIGHTS	6. MAP PROJECTION: NAD 1983 HARN STATE PLANE FLORIDA EAST FIPS 0901 FEET. VERTICAL DATUM: NAVD 88.	TRANSITION PIPE	SEWER LINE	WATERBODY									
				0	EA	AERIAL MARKERS	21040-510-TYP-20114	WARNING SIGN DETAIL		CONT. CONC. COAT.	BURIED CABLE	ROCKERY									
				0	EA	ANODE BED DEEP WELL	21040-510-TYP-20115	AERIAL MARKER INSTALLATION DETAIL		GENERAL SURVEY	UTILITY LINE	ROCKERY BUFFER (1000 FEET)									
							21040-510-TYP-20116	AERIAL MARKER DETAIL		GENERAL SURVEY	GENERAL SURVEY	ROCKERY BUFFER (1000 FEET)									
							21040-510-TYP-20117	TYPICAL PIPELINE MARKER ASSEMBLY		FOREIGN PIPELINE	RAILROAD	WATERBODY									
							21040-510-TYP-20118	PIPELINE MARKER "WARNING" DECAL		HIGHWAY / ROAD	PRIVATE ACCESS / SHOOPY ROAD	WETLAND / WATERBODY NAME									
										PIPELINE MARKER	PLSS SECTION LINE	POINT OF INTERSECTION (PI)									
										PIPELINE MILEPOST	TRAP	VERTICAL FITTING									
										ANODE BED DEEP WELL	WATER WELL	SPREAD BREAK									
											HDD ENTRY / EXT	ENVIRONMENTAL SURVEY AREA									

FLORIDA SOUTHEAST CONNECTION PROJECT
 STA: 3250+00 TO 3300+00 DISCIPLINE: 03
FLORIDA SOUTHEAST CONNECTION ALIGNMENT SHEET
OSCEOLA COUNTY, FLORIDA
 SCALE: 1" = 200' 21040-510-ALS-00070 REV. 1