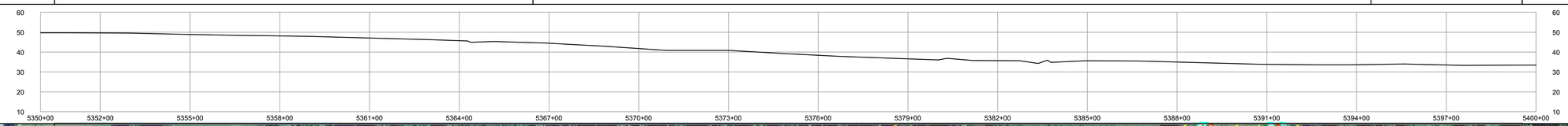
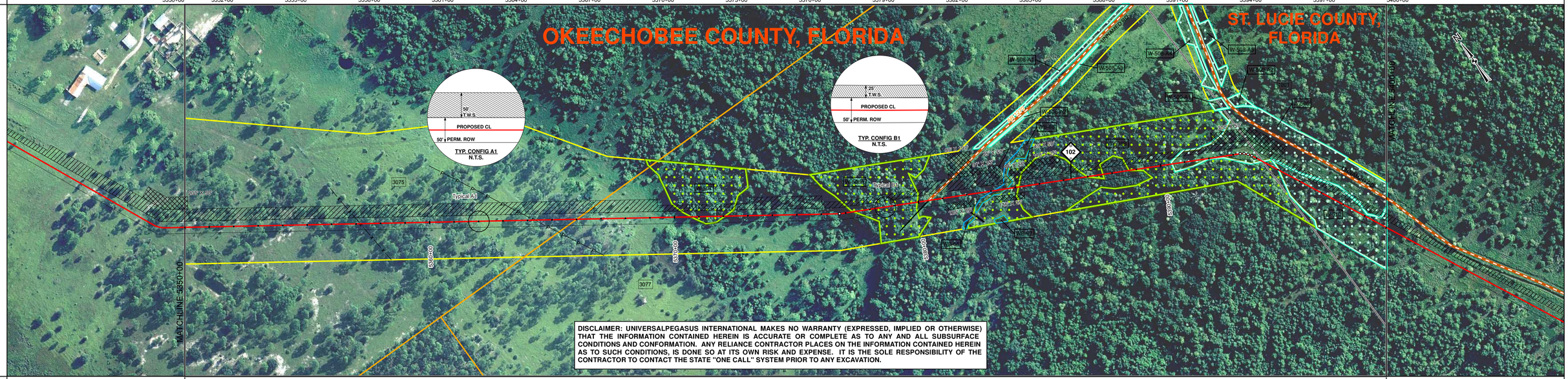
TRACT	MATCHLINE 5350+00	3075 MLIC ASSET HOLDINGS LLC 1600 FT 5350+00 TO 5366+00	3077 MLIC ASSET HOLDINGS LLC 2827 FT 5366+00 TO 5394+27	4001 MLIC ASSET HOLDINGS LLC 573 FT 5394+27 TO 5400+00	MATCHLINE 5400+00

GROUND PROFILE
HORIZ: 1" = 200'
VERT: 1" = 30'



SCALE: 1" = 200'



DISCLAIMER: UNIVERSALPEGASUS INTERNATIONAL MAKES NO WARRANTY (EXPRESSED, IMPLIED OR OTHERWISE) THAT THE INFORMATION CONTAINED HEREIN IS ACCURATE OR COMPLETE AS TO ANY AND ALL SUBSURFACE CONDITIONS AND CONFORMATION. ANY RELIANCE CONTRACTOR PLACES ON THE INFORMATION CONTAINED HEREIN AS TO SUCH CONDITIONS, IS DONE SO AT ITS OWN RISK AND EXPENSE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE STATE "ONE CALL" SYSTEM PRIOR TO ANY EXCAVATION.

SURVEY DATA

STATIONING

MATCHLINE 5350+00

5357+17 FENCE
5364+28 POWER LINE
5364+38 POWER POLE
RT 5'
5376+75 PI 2°22'15" LT
5380+42 CLAR 1270
5380+42 UNNAMED RD
5383+36 TOP OF BANK
5383+66 CL DITCH
5383+77 TOP OF BANK
5393+26 PI 8°10'07" RT
5393+45 PI 8°10'11" RT
5393+62 PI 8°10'3" RT
5393+78 PI 8°9'58" RT

MATCHLINE 5400+00

ENGINEERING DATA

MATERIAL

MATCHLINE 5350+00

22-7K# SBW
11.5 CC

7
5000'

1627'-6" CCC

8-7K# SBW
11.5 CC

602'-6" CCC

5357+17
5366+87
5370+16
5372+58
5376+75
5376+83
5380+68
5383+07
5383+82
5393+10
5393+14
5393+62
5393+66
5393+98

MATCHLINE 5400+00

REFERENCE DRAWING

CLASS LOCATION: Class I

ENVIRONMENTAL DATA

MATCHLINE 5350+00

MINIMUM DEPTH OF COVER: 3' | 4' | 3' | 5' | 3'

AC MITIGATION: THIS BAND NOT UTILIZED

WATERBODY/WETLAND CROSSINGS: W-507 | W-508A | WB-66 | W-508B | W-508B | W-508B | W-509 | W-508B | W-510

WATERBODY/WETLAND LENGTH: 135' | 262' | 56' | 46' | 65' | 178' | 378' | 76' | 498'

STATIONS: 5370+69 | 5372+04 | 5377+33 | 5379+95 | 5380+32 | 5380+52 | 5382+91 | 5383+11 | 5383+67 | 5383+87 | 5383+97 | 5384+13 | 5386+97 | 5387+62 | 5388+70 | 5390+48 | 5390+48 | 5394+26 | 5394+26 | 5395+02 | 5395+02

PERMANENT EROSION CONTROL
- EROSION CONTROL CODE: THIS BAND NOT UTILIZED
- SLOPE BREAKER CODE: THIS BAND NOT UTILIZED

THREATENED AND ENDANGERED SPECIES: THIS BAND NOT UTILIZED

SPECIAL CONDITIONS
- TIMING CONSTRAINT: THIS BAND NOT UTILIZED
- CONSTRAINT 2: THIS BAND NOT UTILIZED
- CONSTRAINT 3: THIS BAND NOT UTILIZED
- CONSTRAINT 4: THIS BAND NOT UTILIZED

MATCHLINE 5400+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
7	5000	FT			30" O.D. x 0.429" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE

MISCELLANEOUS MATERIALS

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
30	EA			SET ON WEIGHTS
3	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

TYPICAL DRAWINGS

DWG/FIELD BOOK NO.	TITLE
21040-510-TYP-20001	CATHODIC PROTECTION STD. SINGLE POINT TEST SECTION, TYPE 1
21040-510-TYP-20002	CATHODIC PROTECTION STD. FOREIGN PIPELINE CROSSING TEST STATION, TYPE 2
21040-510-TYP-20112	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

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.

SPECIAL NOTES

1. INDUCTION BEND QUANTITIES ALONG WITH THEIR DESCRIPTIONS ARE LOCATED ON DRAWING 21040-506-MTL-00001.

LEGEND

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

REVISIONS

NO.	DESCRIPTION	DATE	REV BY	CHK BY	APP BY
G	ISSUED FOR 90% REVIEW	2015-08-14	MB	MJ	RG
F	ISSUED FOR FINAL REVIEW	2014-09-05	MB	RG	LD
E	ISSUED FOR FERC FILING	2014-08-15	MB	RG	LD
D	ISSUED FOR 60% REVIEW	2014-06-16	MB	RG	LD

APPROVAL	COMPANY
ENVIRONMENTAL	
LAND	

0 100 200 400 600 800

1 INCH = 200 FT

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

UniversalPegasus INTERNATIONAL
A Subsidiary of Huntington Ingalls Industries

FLORIDA SOUTHEAST CONNECTION

FLORIDA SOUTHEAST CONNECTION PROJECT

STA: 5350+00 TO 5400+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION
ALIGNMENT SHEET
OKEECHOBEE AND ST. LUCIE COUNTIES, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00113 | REV. G

FITTINGS SUMMARY

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION

CONCRETE COATING

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
2229	FT			6" OF CONCRETE COATING (140 PCF DENSITY CONCRETE)

PIPE ASSEMBLIES

QTY	UOM	DESCRIPTION

PIPE COATING DATA

PIPE COATING: 14 MIL MINIMUM FBE AND 24 MIL MINIMUM ARO

GIRTH WELD COATING: 2 PART EPOXY

INTERNAL COATING (YES/NO): NO