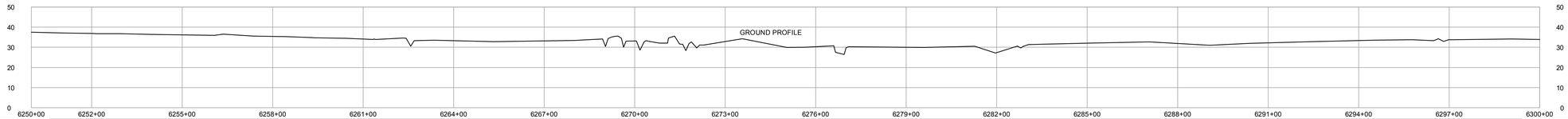
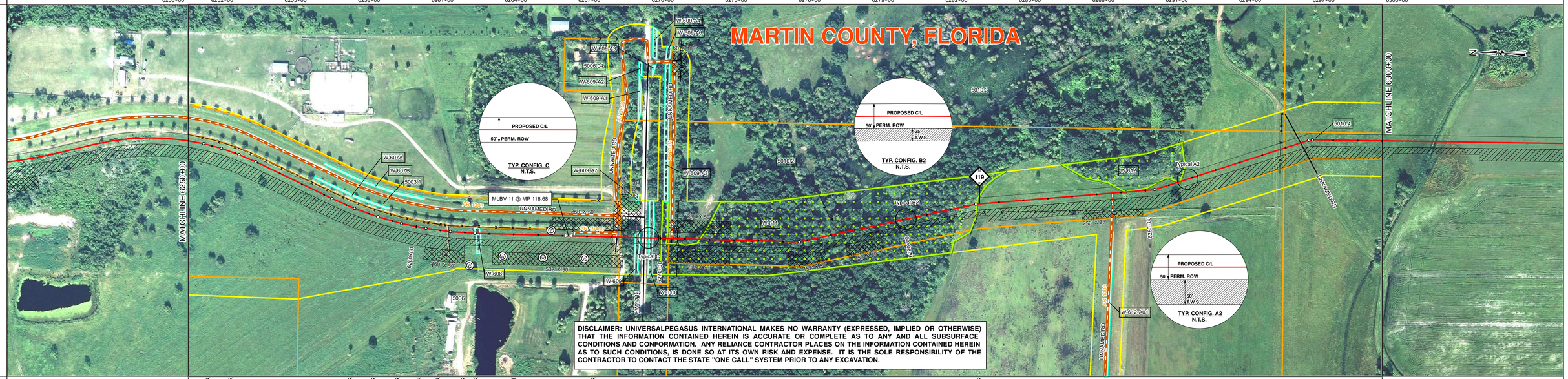
TRACT	MATCHLINE 6250+00	5006 DUNKLIN MEMORIAL CHURCH, INC. 1834 FT 6250+00 TO 6268+34	HWY 714 FDOT 200 FT 6268+34 TO 6270+34	5010.2 TURNPIKE DAIRY, INC. 2559 FT 6270+34 TO 6295+93	5010.4 TURNPIKE DAIRY, INC. 407 FT 6295+93 TO 6300+00	MATCHLINE 6300+00

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



SCALE: 1" = 200'



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SURVEY DATA

STATIONING

MATCHLINE 6250+00

6250+84 PI 4°21'17" RT
6250+88 FENCE CORNER LT 25'
6251+40 PI 4°21'17" RT
6251+96 FENCE CORNER LT 25'
6252+16 PI 4°21'17" RT
6252+91 PI 21°03'9" RT
6256+36 PI 20°39'9" LT
6257+23 FENCE CORNER LT 23'
6257+37 PI 4°18'58" LT
6258+25 FENCE CORNER LT 23'
6258+38 PI 4°18'58" LT
6259+27 FENCE CORNER LT 24'
6259+39 PI 4°18'58" LT
6260+29 FENCE CORNER LT 24'
6260+40 PI 4°18'58" LT
6261+33 FENCE CORNER LT 23'
6261+34 FENCE
6261+43 FENCE CORNER RT 89'
6262+39 FENCE CORNER LT 21'
6262+41 TOP OF BANK
6262+52 PI 21°03'9" LT
6262+54 CL DITCH
6262+69 TOP OF BANK
6263+58 WATER WELL RT 92'
6265+22 WATER WELL RT 92'
6265+53 WATER WELL RT 92'
6266+24 MLBV 11
6266+48 CLAR 19498
6266+54 FENCE LT 23'
6266+55 WATER WELL RT 92'
6268+04 FENCE
6268+05 FENCE CORNER LT 23'
6268+11 ROAD EDGE
6268+11 GATE LT 24'
6268+11 EASEMENT LT 24'
6268+21 CLAR 2860
6268+25 UNNAMED RD LT 26'
6268+27 GATE LT 26'
6268+27 ROAD EDGE
6268+28 ROAD EDGE
6269+02 CULVERT LT 21'
6269+03 CL DITCH
6269+14 TOP OF BANK
6269+23 ROAD EDGE
6269+34 HWY 714
6269+34 MONUMENT
6269+44 ROAD EDGE
6269+46 TOP OF BANK
6269+55 CL DITCH
6269+71 TOP OF BANK
6270+46 TOP OF BANK
6270+46 TOP OF BANK
6270+46 UNNAMED RD
6270+46 CLAR 2861
6270+48 FENCE
6270+48 POWER POLE LT 46'
6270+49 POWER POLE
6270+49 PI 4°18'58" LT
6270+69 POWER LINE
6271+09 TOE OF SLOPE
6271+09 TOP OF BANK
6271+49 TOE OF SLOPE
6271+49 TOP OF BANK
6271+90 TOE OF SLOPE
6271+90 TOP OF BANK
6272+15 TOP OF BANK
6272+87 PI 3°32'46" LT
6273+05 CL DITCH
6276+85 CL DITCH
6276+85 CL DITCH
6277+01 TOP OF BANK
6282+71 TOP OF BANK
6282+83 TOP OF BANK
6282+87 PI 3°32'46" RT
6283+16 FENCE CORNER RT 35'
6288+55 UNNAMED RD
6288+65 CLAR 1308
6290+38 PI 13°7'46" LT
6295+78 FENCE
6296+49 CL DITCH
6296+49 UNNAMED RD
6296+92 CL DITCH
6298+99 PI 9°17'14" RT
6297+15 PI 9°17'14" RT
MATCHLINE 6300+00

ENGINEERING DATA

MATERIAL

MATCHLINE 6250+00

12 1590'
9-7K# SBW 15 CC
13 20'
28'
13 20'
12 136'
10 220'
5-7K# SBW 15 CC
12 80'
446'-6" CCC
4-7K# SBW 11.5 CC
698'-6" CCC
7-7K# SBW 11.5 CC
7 2906'
11-7K# SBW 11.5 CC
1

6252+15
6261+04
6261+93
6263+13
6265+90
6266+10
6266+24
6266+38
6266+58
6267+94
6268+03
6270+03
6270+14
6270+20
6270+64
6270+77
6271+01
6275+47
6275+57
6275+67
6275+85
6275+97
6279+48
6282+85
6282+87
6283+06
6283+16
6289+43
6290+87
6292+02
6295+80
6297+15

MATCHLINE 6300+00

REFERENCE DRAWING	21040-505-MVW-00020 21040-440-PMW-00055
CLASS LOCATION	Class III 6270+94 Class I
MINIMUM DEPTH OF COVER	3' 5' 3' SEE REF DWG 4' 3' 5' 3' 4' 3' 5' 3'
AC MITIGATION / CATHODIC PROTECTION	

ENVIRONMENTAL DATA

MATCHLINE 6250+00

WATERBODY/WETLAND CROSSINGS	W-608 W-609 W-610 W-611 W-611 W-612
WATERBODY/WETLAND LENGTH	17' 15' 14' 22' 1149' 6'

STATIONS

6262+31
6262+45
6262+62
6262+79
6267+94
6268+08
6269+13
6269+54
6269+68
6270+04
6270+14
6270+26
6271+61
6272+25
6276+50
6277+11
6283+10
6288+55
6288+75
6291+42
6291+48
6296+39
6296+92

PERMANENT EROSION CONTROL: EROSION CONTROL CODE	THIS BAND NOT UTILIZED
PERMANENT EROSION CONTROL: SLOPE BREAKER CODE	THIS BAND NOT UTILIZED
PERMANENT EROSION CONTROL: TOPSOIL SALVAGE	THIS BAND NOT UTILIZED
THREATENED AND ENDANGERED SPECIES	
SPECIAL CONDITIONS: TIMING CONSTRAINT	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS: CONSTRAINT 2	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS: CONSTRAINT 3	THIS BAND NOT UTILIZED
SPECIAL CONDITIONS: CONSTRAINT 4	THIS BAND NOT UTILIZED

MATCHLINE 6300+00

BILL OF MATERIALS

ITEM NO.	QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
7	2906	FT			30" O.D. x 0.429" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
10	220	FT			30" O.D. x 0.617" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO
12	1806	FT			30" O.D. x 0.617" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE
13	40	FT			30" O.D. x 0.625" W.T., API 5L, X70, PSL2, DSAW, 14-16 MILS FBE

FITTINGS SUMMARY

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

PIPE ASSEMBLIES

QTY	UOM	DESCRIPTION
1	EA	MLBV 11 (28')

MISCELLANEOUS MATERIALS

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
36	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

CONTINUOUS CONCRETE COATING

QTY	UOM	REQ'N NUMBER	MATERIAL NUMBER	DESCRIPTION
1144	FT			6" OF CONTINUOUS CONCRETE COATING (140 PCF DENSITY CONCRETE)

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

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 21040-510-TYP-20029	TYPICAL OPEN CUT / BORE
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 21040-505-FBW-00001.
2. (A) - SEE ARK DRAWING PACKAGE FOR ANODE BED DEEP WELL.

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 MILESPOST
ANODE BED DEEP WELL
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
1	IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT)	2016-04-08	MB	MJ	RG
0	ISSUED FOR CONSTRUCTION	2015-12-15	MB	MJ	RG

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: 6250+00 TO 6300+00 | DISCIPLINE#: 03

FLORIDA SOUTHEAST CONNECTION
ALIGNMENT SHEET
MARTIN COUNTY, FLORIDA

SCALE: 1" = 200' | 21040-510-ALS-00132 | REV. 1