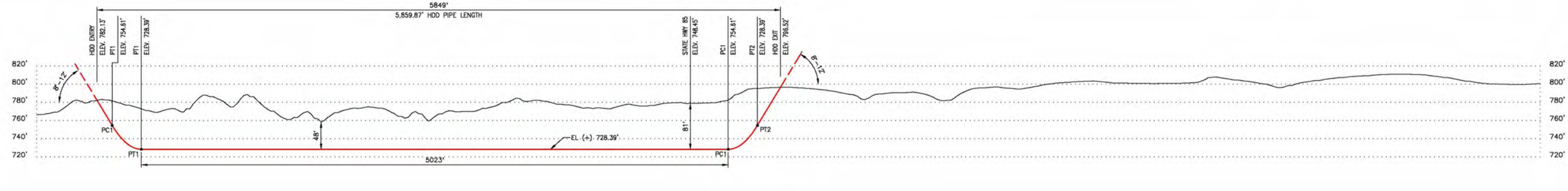
PLAN
SCALE: 1"= 400'



PROFILE
HORIZ. SCALE: 1"= 400'
VERT. SCALE: 1"= 70'

LEGEND

C/L PROPOSED PIPELINE	TREELINE	MILE MARKER (CALC.)	
FOREIGN PIPELINE	CL DITCH	AERIAL MARKER	
CL ROAD	WEEDS	LINE MARKER/WARNING	
EDGE ROAD	WETLAND BOUNDARY	POWER POLE	
CL RAILROAD	RIGHT OF WAY	LAND HOOK	
FENCE LINE	PROPERTY LINE	C.P. TEST STATION	
OVERHEAD ELECTRIC	CITY BOUNDARY/LIMITS	MAINLINE VALVE (M.O.)	
UNDERGROUND ELECTRIC	SECTION LINE	FIRE HYDRANT	
CABLE	TWP/RNG LINE	GUY WIRE	
TELEPHONE	COUNTY/PARISH LINE	WELL	
UNDERGROUND TELEPHONE	STATE LINE		
BANKLINE	R.O.W./EASEMENT LINE		
CL WATER (MAJOR)	PERMANENT EASEMENT		
CL WATER (MINOR)			

NOTES

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2. AERIAL PHOTOGRAPHY PROVIDED BY NORTH AMERICAN GIS HUB AND DATED NAIP 2010
3. THE LOCATION OF THE PIPELINE IS INDICATED WITHIN THE PERMANENT EASEMENT. THE CONTRACTOR MAY MAKE SUCH ADJUSTMENTS TO THE ALIGNMENT WITHIN THE PERMANENT EASEMENT AS MAY BE NECESSARY TO ACCOMMODATE INSTALLATION. IN NO CASE SHALL THE PIPE BE INSTALLED BEYOND THE LIMITS OF THE PERMANENT EASEMENT.
4. CONTRACTOR NOTE: ALL EXISTING UTILITIES ON THESE PLANS ARE FOR INFORMATION ONLY. NO GUARANTEE IS OFFERED OR TO BE IMPLIED

MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW, COATED W/ 16M FBE & 40M ARO	5860

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
(504) 833-5321 Fax (504) 833-4940
www.projectconsulting.com

REVISIONS			
NO.	DATE	DESCRIPTION	
A	2/X/12	PRELIMINARY	

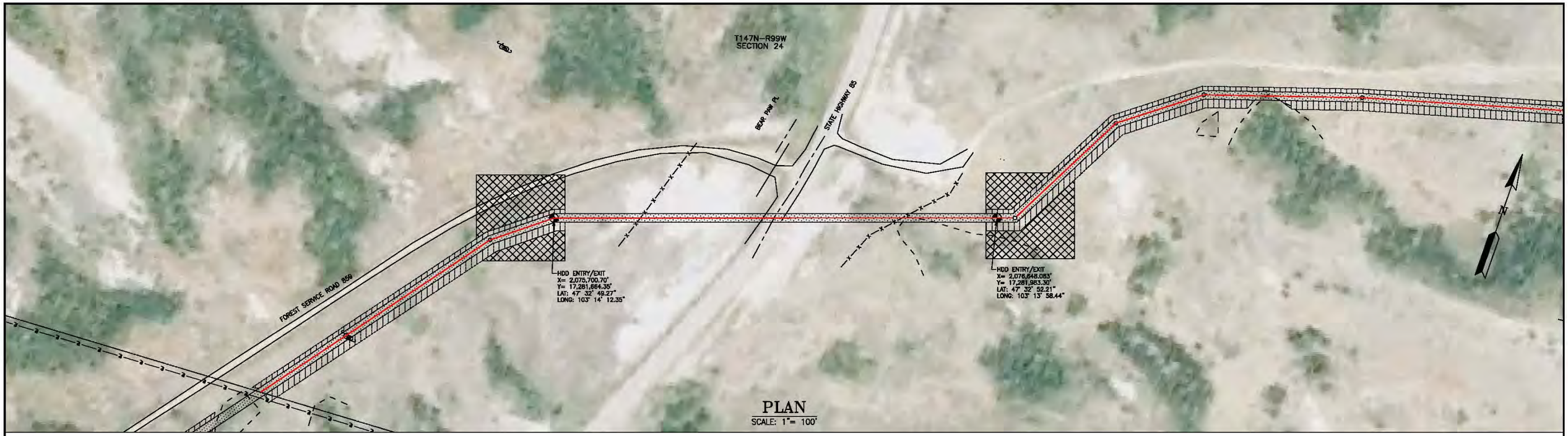
PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 10'
DRAWN C.J.D. DATE 02/21/12
CHK'D I.M.D. DATE
APPROVED M.R.I. DATE
PCS JOB NO. 10045
APE/P.O.NO.
CLIENT FILE NO.
PCS FILE NO. BL-HDD-PRELIMINARY.dwg

Bakkenlink Pipeline LLC

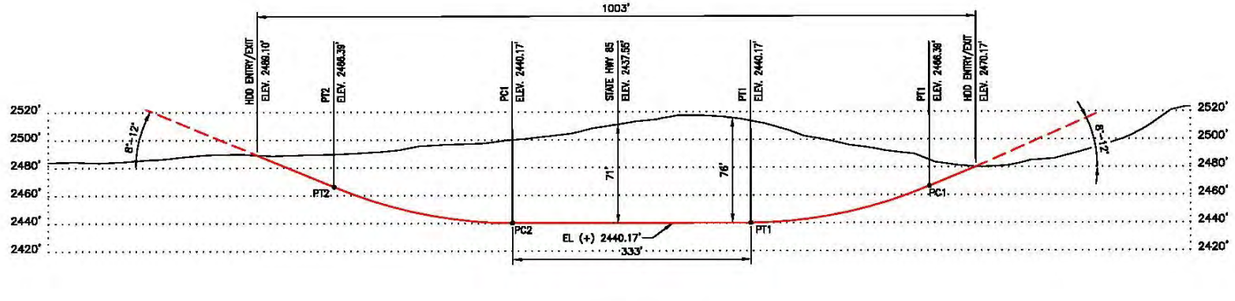
TITLE
12" BAKKENLINK PIPELINE
PRELIMINARY HDD

NO. BL-HDD-PRELIMINARY REV. A

04-19-12 14:37 10045 2 L.R.W.



PLAN
SCALE: 1"= 100'



PROFILE
HORIZ. SCALE: 1"= 100'
VERT. SCALE: 1"= 50'

LEGEND

C/L PROPOSED PIPELINE	TREELINE	MILE MARKER (CALC.)	
FOREIGN PIPELINE	CL DITCH	AERIAL MARKER	
CL ROAD	WEEDS	LINE MARKER/WARNING	
EDGE ROAD	WETLAND BOUNDARY	POWER POLE	
CL RAILROAD	RIGHT OF WAY	LAND HOOK	
FENCE LINE	PROPERTY LINE	C.P. TEST STATION	
OVERHEAD ELECTRIC	CITY BOUNDARY/LIMITS	MAINLINE VALVE (M.O.)	
UNDERGROUND ELECTRIC	SECTION LINE	FIRE HYDRANT	
CABLE	TWP/RNG LINE	GUY WIRE	
TELEPHONE	COUNTY/PARISH LINE	WELL	
UNDERGROUND TELEPHONE	STATE LINE		
BANKLINE	R.O.W./EASEMENT LINE		
CL WATER (MAJOR)	PERMANENT EASEMENT		
CL WATER (MINOR)			

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW, COATED W/ 16M FBE & 40M ARO	1003

PROJECT CONSULTING SERVICES, INC.
3300 WEST ESPLANADE AVE., S., SUITE 500
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REVISIONS			
NO.	DATE	DESCRIPTION	
A	3/21/12	PRELIMINARY	

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 40'
DRAWN G.J.D. DATE 02/21/12
CHK'D I.M.D. DATE
APPROVED M.R.I. DATE
PCS JOB NO. 10045
APE/P.O.NO.
CLIENT FILE NO.
PCS FILE NO. BL-HDD-1008.dwg

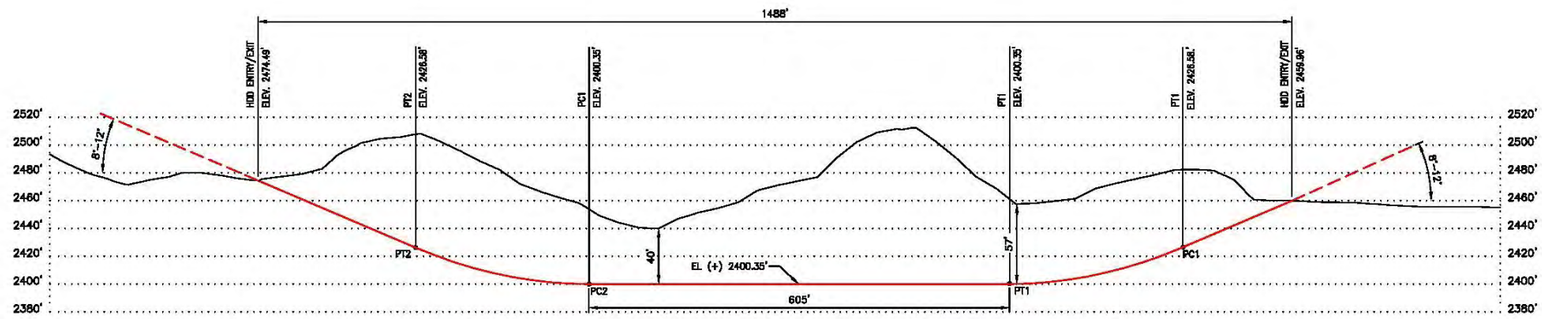
Bakkenlink Pipeline LLC

TITLE
12" BAKKENLINK PIPELINE
PRELIMINARY HWY 85 NORTH HDD

NO. BL-HDD-1008 REV. A

06-25-12 11:38 10045 T.K.M.A.

PLAN
SCALE: 1"= 100'



PROFILE
HORIZ. SCALE: 1"= 100'
VERT. SCALE: 1"= 50'

LEGEND

C/L PROPOSED PIPELINE	TREELINE	MILE MARKER (CALC.)	MM
FOREIGN PIPELINE	CL DITCH	AERIAL MARKER	AM
CL ROAD	WEEDS	LINE MARKER/WARNING	
EDGE ROAD	WETLAND BOUNDARY	POWER POLE	
CL RAILROAD	RIGHT OF WAY	LAND HOOK	
FENCE LINE	PROPERTY LINE	C.P. TEST STATION	
OVERHEAD ELECTRIC	CITY BOUNDARY/LIMITS	MAINLINE VALVE (M.O.)	
UNDERGROUND ELECTRIC	SECTION LINE	FIRE HYDRANT	
CABLE	TWP/RNG LINE	GUY WIRE	
TELEPHONE	COUNTY/PARISH LINE	WELL	
UNDERGROUND TELEPHONE	STATE LINE		
BANKLINE	R.O.W./EASEMENT LINE		
CL WATER (MAJOR)	PERMANENT EASEMENT		
CL WATER (MINOR)			

NOTES

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MATERIAL SUMMARY

NO.	DESCRIPTION	QTY
	12.75" OD x 0.292" WT, API 5L, PSL-2, X65, ERW, COATED W/ 16M FBE & 40M ARO	1488

PROJECT CONSULTING SERVICES, INC.
3500 WEST ESPLANADE AVE., S., SUITE 500
METAIRIE, LA 70002-7406
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REVISIONS

NO.	DATE	DESCRIPTION
A	5/21/12	PRELIMINARY

PLAN SCALE= 1" = 200'
VERTICAL SCALE= 1" = 20'
DRAWN: G.J.D. DATE: 05/21/12
CHK'D: I.M.D. DATE:
APPROVED: M.R.I. DATE:
PCS JOB NO.: 10045
APC/P.O.NO.:
CLIENT FILE NO.:
PCS FILE NO.: BL-HDD-1007.dwg

Bakkenlink Pipeline LLC

TITLE:
12" BAKKENLINK PIPELINE
PRELIMINARY FOREST SERVICE HDD

NO.: BL-HDD-1007 REV.: A

05-25-12 8:40 10045 B K.M.A.