



SURVEY DATA		STATIONING	
MATCHLINE 6000+00	6000+01 TOP OF BANK 6000+40 CL DITCH 6000+58 TOP OF BANK	MATCHLINE 6000+00	6001+50 6002+88 6004+20
MATCHLINE 6000+00	6001+98 TOP OF BANK 6002+18 CL DITCH 6002+42 TOP OF BANK	MATCHLINE 6000+00	6009+21 6010+59
MATCHLINE 6000+00	6003+06 TOP OF BANK 6003+47 TOP OF BANK	MATCHLINE 6000+00	6014+20
MATCHLINE 6000+00	6007+38 TOP OF BANK 6007+70 TOP OF BANK	MATCHLINE 6000+00	6018+54 6019+83 6019+92
MATCHLINE 6000+00	6008+52 TOP OF BANK 6008+89 TOP OF BANK 6008+89 UNNAMED RD 6009+67 UNNAMED RD 6009+67 CL AR 1289 6009+68 UNNAMED RD 6009+68 CULVERT RT 3 6009+90 CL DITCH 6010+11 TOP OF BANK	MATCHLINE 6000+00	6031+23 6031+35 6031+62 6031+78
MATCHLINE 6000+00	6012+08 TOP OF BANK 6012+10 CL DITCH 6012+45 TOP OF BANK	MATCHLINE 6000+00	6043+61 6044+20 6044+39 6044+51
MATCHLINE 6000+00	6013+31 TOP OF BANK 6013+48 CL DITCH 6013+58 TOP OF BANK	MATCHLINE 6000+00	6045+20 TOP OF BANK 6045+35 CL DITCH 6045+52 TOP OF BANK
MATCHLINE 6000+00	6014+43 TOP OF BANK 6014+65 TOP OF BANK	MATCHLINE 6000+00	6046+38 TOP OF BANK 6046+78 TOP OF BANK 6047+84 TOP OF BANK 6048+68 TOP OF BANK 6049+34 TOP OF BANK 6049+48 CL DITCH 6049+48 TOP OF BANK
MATCHLINE 6000+00	6015+52 TOP OF BANK 6015+10 TOP OF BANK	MATCHLINE 6000+00	6049+48 CL DITCH 6049+48 TOP OF BANK
MATCHLINE 6000+00	6016+86 TOP OF BANK 6016+10 TOP OF BANK	MATCHLINE 6000+00	6050+00
MATCHLINE 6000+00	6017+30 TOP OF BANK 6018+01 TOP OF BANK 6018+42 TOP OF BANK 6019+05 TOP OF BANK 6019+13 CULVERT RT 10 6019+19 CL DITCH 6019+38 TOP OF BANK	MATCHLINE 6000+00	
MATCHLINE 6000+00	6031+28 UNNAMED RD 6031+33 TOP OF BANK 6031+68 TOP OF BANK 6031+75 UNNAMED RD	MATCHLINE 6000+00	
MATCHLINE 6000+00	6035+75 P.L. 6120' LT 6038+48 TOP OF BANK 6038+61 CL DITCH 6038+72 P.L. 500' LT 6038+72 TOP OF BANK 6037+38 TOP OF BANK 6037+48 CL DITCH 6037+48 TOP OF BANK 6037+65 TOP OF BANK 6038+31 TOP OF BANK 6038+42 CL DITCH 6038+42 TOP OF BANK 6038+60 TOP OF BANK 6039+40 TOP OF BANK 6039+58 CL DITCH 6039+60 TOP OF BANK 6040+58 TOP OF BANK 6040+72 CL DITCH 6040+86 TOP OF BANK 6041+70 TOP OF BANK 6041+88 CL DITCH 6042+08 TOP OF BANK	MATCHLINE 6000+00	
MATCHLINE 6000+00	6042+88 TOP OF BANK 6043+28 TOP OF BANK	MATCHLINE 6000+00	
MATCHLINE 6000+00	6044+06 TOP OF BANK 6044+39 TOP OF BANK 6044+61 HDD EXIT 6045+20 TOP OF BANK 6045+35 CL DITCH 6045+52 TOP OF BANK	MATCHLINE 6000+00	
MATCHLINE 6000+00	6046+38 TOP OF BANK 6046+78 TOP OF BANK 6047+84 TOP OF BANK 6048+68 TOP OF BANK 6049+34 TOP OF BANK 6049+48 CL DITCH 6049+48 TOP OF BANK	MATCHLINE 6000+00	

BILL OF MATERIALS		MISCELLANEOUS MATERIALS		TYPICAL DRAWINGS		GENERAL INFORMATION		LEGEND		REVISIONS		APPROVALS						
ITEM NO.	QTY	UOM	REQ#	MATERIAL NUMBER	DESCRIPTION	DWG/FIELD BOOK NO.	TITLE	HDD PIPE	PIPELINE ROUTE	NO.	DESCRIPTION	DATE	REV BY	CHK BY	APP BY	DRAWN BY:	MB	CONSTRUCTION PERMIT NO.
7	4381	FT			30" O.D. x 0.429" W.T., API SL, X70, PSL2, DSAW, 14-16 MILS FBE	21040-510-TYP-20001	SET ON WEIGHTS	BORE PIPE	X							MB		
10	539	FT			30" O.D. x 0.617" W.T., API SL, X70, PSL2, DSAW, 14-16 MILS FBE & 24-30 MILS ARO	21040-510-TYP-20002	PIPELINE MARKERS	LINE PIPE	P	1	IFC (UPDATE ENV., RE-ROUTES, FOOT-PRINT)	2016-04-08	MB	MJ	RG	RG		1816
11	80	FT			30" O.D. x 0.514" W.T., API SL, X70, PSL2, DSAW, 14-16 MILS FBE	21040-510-TYP-20028	WARNING SIGNS	3R RAD FIT	T	0	ISSUED FOR CONSTRUCTION	2015-12-15	MB	MJ	RG			1440
					CP TEST STATION TYPE 1	21040-510-TYP-20112	CP TEST STATION TYPE 1	INDUCTION BEND	W									
					CP TEST STATION TYPE 2	21040-510-TYP-20113	CP TEST STATION TYPE 2	SEWER LINE	S									
					AERIAL MARKERS	21040-510-TYP-20114	AERIAL MARKERS	BURIED CABLE	C									
					ANODE BED DEEP WELL	21040-510-TYP-20115	ANODE BED DEEP WELL	UTILITY LINE	U									
						21040-510-TYP-20116	CONTINUOUS CONCRETE COATING STANDARD FOR 36" / 30" PIPELINE	GENERAL SURVEY										
						21040-510-TYP-20117	TYPICAL SADDLE BAG WEIGHTS	FOREIGN PIPELINE	+									
						21040-510-TYP-20118	WARNING SIGN DETAIL	RAILROAD	+									
						21040-510-TYP-20119	AERIAL MARKER INSTALLATION DETAIL	HIGHWAY / ROAD	+									
						21040-510-TYP-20120	AERIAL MARKER DETAIL	PRIVATE ACCESS / SHOOPLY ROAD	+									
						21040-510-TYP-20121	TYPICAL PIPELINE MARKER ASSEMBLY	COUNTY BOUNDARY	+									
						21040-510-TYP-20122	PIPELINE MARKER "WARNING" DECAL	ROW PARCEL	+									
						21040-510-TYP-20123	PIPELINE MARKER "WARNING" DECAL	PLSS SECTION LINE	+									
						21040-510-TYP-20124	PIPELINE MARKER "WARNING" DECAL	TRAP	+									
						21040-510-TYP-20125	PIPELINE MARKER "WARNING" DECAL	WATER WELL	+									
						21040-510-TYP-20126	PIPELINE MARKER "WARNING" DECAL	HDD ENTRY / EXIT	+									