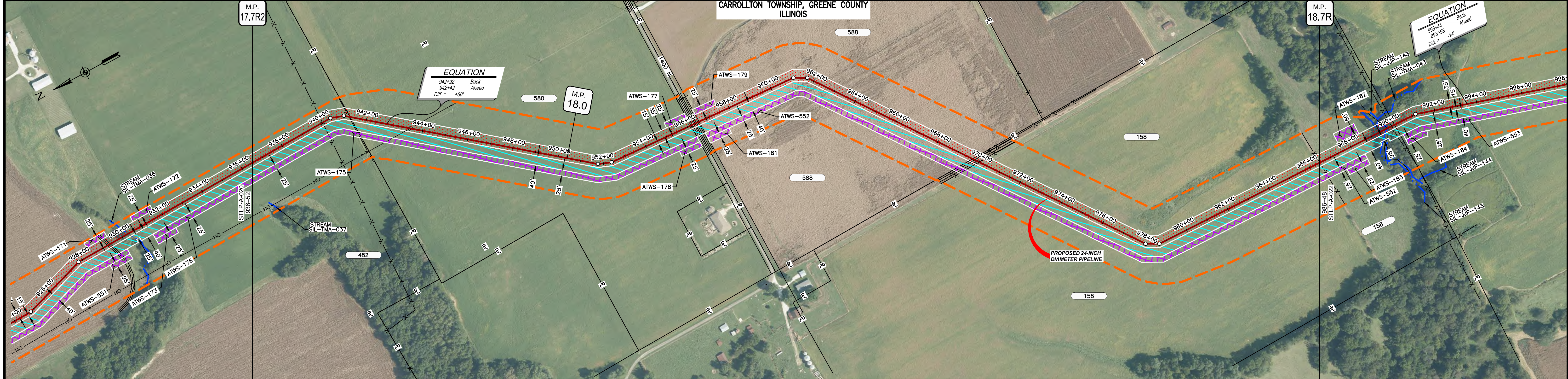
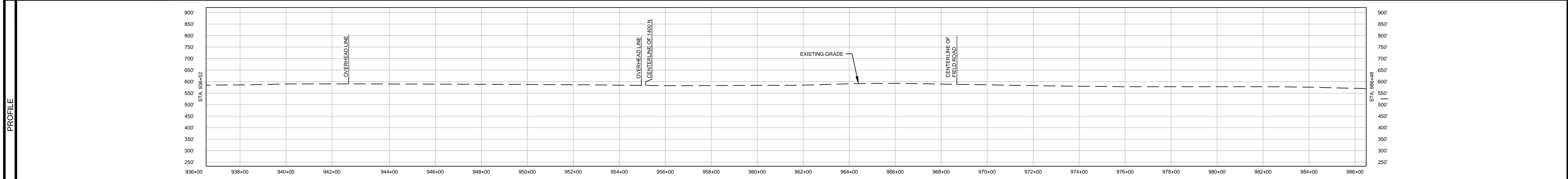


OWNERSHIP / FOOTAGE	836+52	477	844+29	1557	856+56	1332'	869+58	1680'	886+48
STATIONING	<p>940+00 EXISTING FENCE 940+00 EXISTING FENCE 941+24 EXISTING FENCE 941+24 PROPERTY LINE 940+00 OVERHEAD LINE 951+77 OVERHEAD LINE 952+57 OVERHEAD LINE 956+17 OVERHEAD LINE RT 956+24 CENTERLINE OF BITCH 956+38 CENTERLINE OF 1400' N 956+38 PROPERTY LINE 956+43 EDGE OF PAVEMENT 956+49 CENTERLINE OF BITCH 961+08 PROPERTY LINE 961+78 EXISTING FENCE 961+78 CENTERLINE OF FIELD ROAD 970+01 EXISTING FENCE</p>								



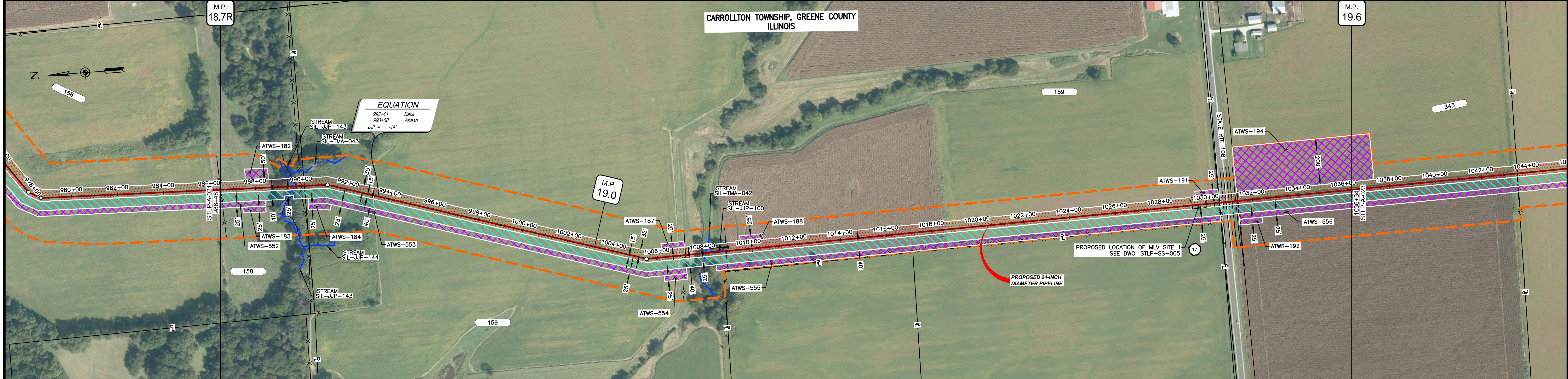
CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG															
MATERIAL & COATING	<p>936+52</p> <p>1994' (1)</p> <p>80' (2)</p> <p>2972' (1)</p> <p>986+48</p>															
DESIGN FACTOR	0.72					0.6										
CONSTRUCTION METHOD	OPEN CUT					BORE										
PIPELINE COVER	5' MIN.															
SOILS	257B			61A			47A			257B	280B	280C2	280B	280C2	280B	280C2
LAND USE	AG			D			AG			OL	D	OL	AG			



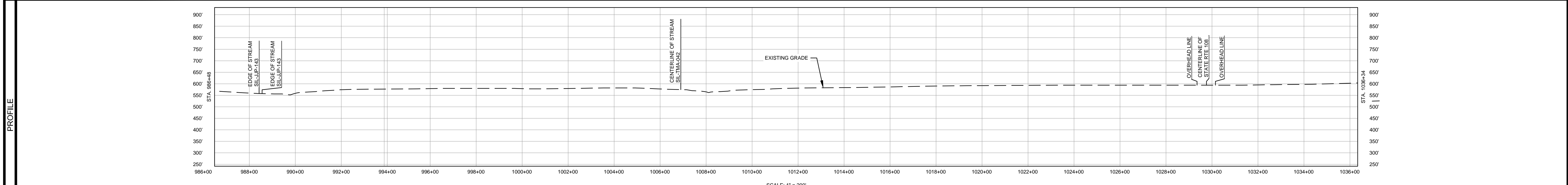
NOTES:  
1. THE IMAGERY SHOWN WAS PROVIDED BY AERIAL DATA SERVICES, 2016. ADDITIONAL IMAGERY SUPPLEMENTED FROM USFWS-NWI AND USGS.  
2. EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.

MATERIAL			REFERENCE DRAWINGS		REVISIONS				APPROVALS		SCALE PLAN		PREPARED FOR		SPIRE STL PIPELINE PROJECT		
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'	PREPARED FOR <b>Spire STL Pipeline</b>	ALIGNMENT SHEET PROPOSED 24-INCH DIAMETER PIPELINE GREENE COUNTY, ILLINOIS STA. 936+52 TO STA. 986+48		
1	4966'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017	SCALE PROFILE H: 1" = 200'				
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'	DRAWING NO. STLP-A-021			
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017	CLIENT APPROVAL				REVISION
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	DATE	5			
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	P.M. APPROVAL	DATE	DATE				
											J.E.W.	07/2017					

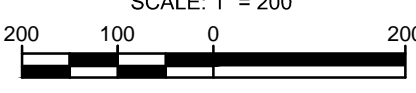
OWNERSHIP / FOOTAGE	886+48	158	365'	890+13	159	4028'	1030+45	343	579'	1036+34
STATIONING	<p>886+49 EXISTING FENCE</p> <p>886+44 EDGE OF STREAM SIL-JP-143</p> <p>886+78 EDGE OF STREAM SIL-JP-143</p> <p>886+79 CENTERLINE OF DITCH</p> <p>886+88 EXISTING FENCE</p> <p>890+13 PROPERTY LINE</p> <p>SIL-JP-143 15' 1/2" BT</p> <p>1036+34 20' BT</p> <p>1030+45 PROPERTY LINE</p> <p>1030+51 OVERHEAD LINE</p> <p>1030+72 CENTERLINE OF DITCH</p> <p>1030+86 EDGE OF PAVEMENT</p> <p>1030+98 CENTERLINE OF STATE RTE 108</p> <p>1031+11 EDGE OF PAVEMENT</p> <p>1031+27 CENTERLINE OF DITCH</p> <p>1031+37 OVERHEAD LINE</p> <p>1031+37 UTILITY POLE 30' LT</p>									



CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG															
MATERIAL & COATING	886+48									1019+58	1029+50	1029+85	1031+34	1036+34		
DESIGN FACTOR	0.72										0.5	0.6	0.72			
CONSTRUCTION METHOD	OPEN CUT	OPEN CUT (FLUMED)	OPEN CUT							OPEN CUT	BORE	OPEN CUT				
PIPELINE COVER	5' MIN.															
SOILS	280C2	280D	3451A	280D	675B	61A	675B	280C2	675B	675C2	280D	675C2	675B	61A	51A	51B
LAND USE	AG	F	OW	F	AG					F	AG	D	OL	AG		

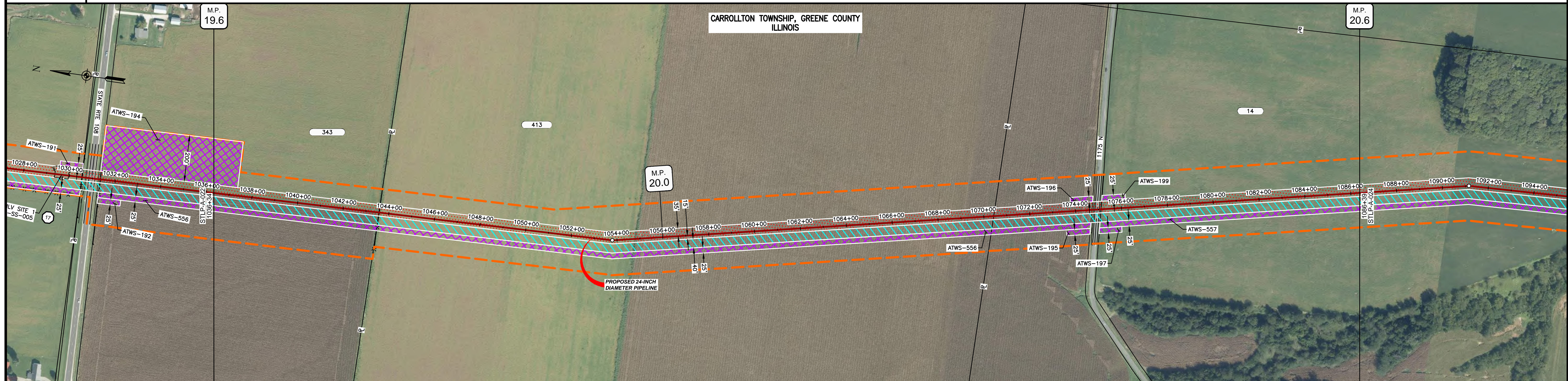


NOTES:  
 1. THE IMAGERY SHOWN WAS PROVIDED BY AERIAL DATA SERVICES, 2016. ADDITIONAL IMAGERY SUPPLEMENTED FROM USFWS-NWI AND USGS.  
 2. EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.

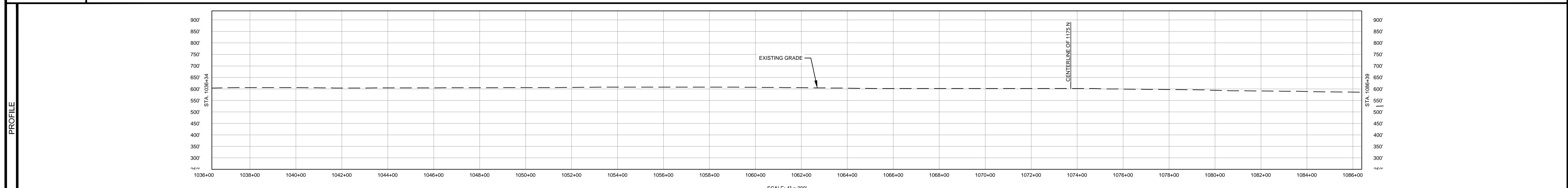


MATERIAL			REFERENCE DRAWINGS		REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT					
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'		SCALE PROFILE H: 1" = 200'		SCALE PROFILE V: 1" = 200'	
1	2396'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED	STLP-SS-005	24" PIPELINE MLV SITE 1	1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017	CLIENT APPROVAL		PREPARED BY		MOTT MACDONALD	
2	149'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG			DATE					
3	2392'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE COATED			3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017	DATE					
REF	35'	SEE REFERENCE DETAIL DRAWING			4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG			DATE					
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	J.E.W	07/2017	DATE					

OWNERSHIP / FOOTAGE	1086+34	343	722'	1043+56	413	2687'	1070+43	14	1596'	1086+39
STATIONING				1040+56 PROPERTY LINE 1040+56 EXISTING FENCE			1070+43 PROPERTY LINE			1074+76 CENTERLINE OF DITCH 1074+85 EDGE OF PAVEMENT 1074+85 CENTERLINE OF 117E N 1074+85 EDGE OF PAVEMENT 1075+10 CENTERLINE OF DITCH



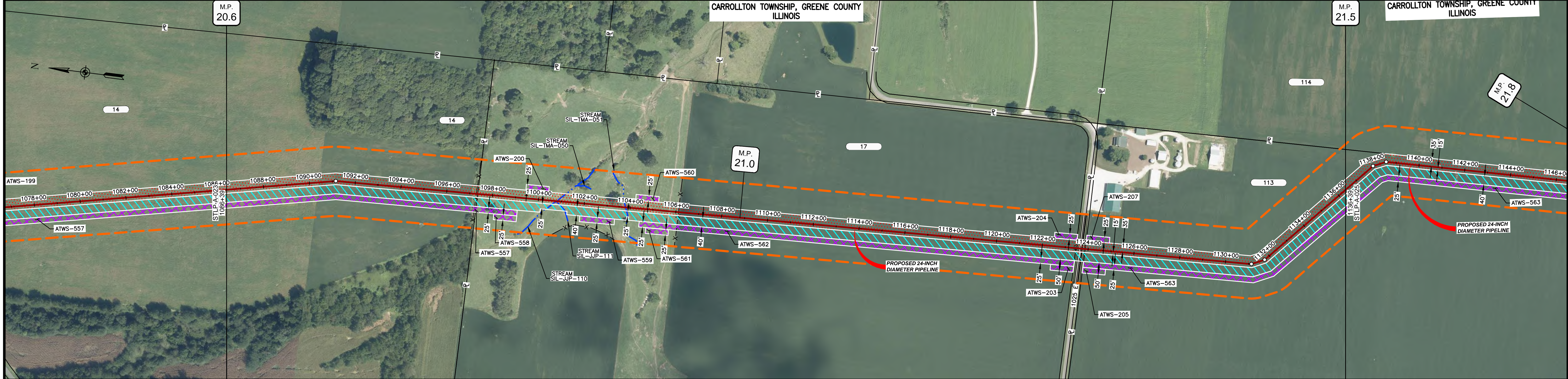
CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG																					
MATERIAL & COATING	<table border="1"> <tr> <td>1086+34</td> <td colspan="3">3820' (3)</td> <td>1074+54</td> <td>80' (2)</td> <td>1075+34</td> <td colspan="4">1105' (1)</td> <td>1086+39</td> </tr> </table>										1086+34	3820' (3)			1074+54	80' (2)	1075+34	1105' (1)				1086+39
1086+34	3820' (3)			1074+54	80' (2)	1075+34	1105' (1)				1086+39											
DESIGN FACTOR	0.72			0.6		0.72																
CONSTRUCTION METHOD	OPEN CUT			BORE		OPEN CUT																
PIPELINE COVER	5' MIN.																					
SOILS	51B	68A	51A	51B	675B	51B	675B	279C2														
LAND USE	AG			D	AG																	



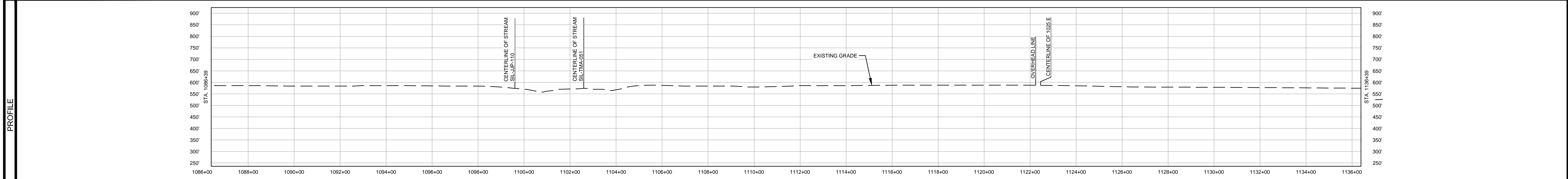
NOTES:  
 1. THE IMAGERY SHOWN WAS PROVIDED BY AERIAL DATA SERVICES, 2016. ADDITIONAL IMAGERY SUPPLEMENTED FROM USFWS-NWI AND USGS.  
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MATERIAL			REFERENCE DRAWINGS		REVISIONS					APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT		
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN:	ALIGNMENT SHEET		
1	1105'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	03/2017	SCALE PROFILE H: 1" = 200'	PROPOSED 24-INCH DIAMETER PIPELINE		
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'	GREENE COUNTY, ILLINOIS		
3	3820'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE COATED			4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	RJP	03/2017	CLIENT APPROVAL	STA. 1036+34 TO STA. 1086+39		
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	ENG. APPROVAL	DATE	PREPARED BY	SCALE		
											D.G.G.	04/2017	<b>M</b> <b>MOTT</b> <b>MACDONALD</b>	DRAWING NO.		
											P.M. APPROVAL	DATE		STLP-A-023		
											J.E.W.	04/2017	REVISION	5		

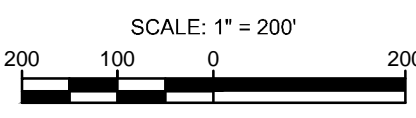
OWNERSHIP / FOOTAGE	1086+39	1096'	107+35	2637'	112+72	113	1267'	1136+39
STATIONING	1086+39	1096'	107+35	2637'	112+72	113	1267'	1136+39



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG														
MATERIAL & COATING	<div style="display: flex; justify-content: space-between;"> <span>1086+39</span> <span>3688' (1)</span> <span>112+47</span> <span>80' (2)</span> <span>112+47</span> <span>1232' (1)</span> <span>1136+39</span> </div>														
DESIGN FACTOR	0.72														
CONSTRUCTION METHOD	OPEN CUT			OPEN CUT (FLUMED)			OPEN CUT			BORE					
PIPELINE COVER	5' MIN.														
SOILS	279C2	675B	279D2	8D2	279D2	279B	61A	279B	279C2	675B	47A	675B	68A	61A	257B
LAND USE	AG		F	OL			AG			OL	D	OL	AG		



NOTES:  
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MATERIAL			REFERENCE DRAWINGS		REVISIONS				APPROVALS			PREPARED FOR		SPIRE STL PIPELINE PROJECT				
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN:	SCALE PROFILE H:	SCALE PROFILE V:	SCALE	DRAWING NO.	REVISION
1	4920'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	03/2017	1" = 200'	1" = 200'	1" = 200'	1" = 200'	STLP-A-024	5
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE						
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	RJP	03/2017						
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	RJR	03/2017						
											ENG. APPROVAL	DATE	CLIENT APPROVAL	DATE				
											D.G.G.	04/2017						
											P.M. APPROVAL	DATE						
											J.E.W.	04/2017						

**Spire STL Pipeline**

PREPARED BY

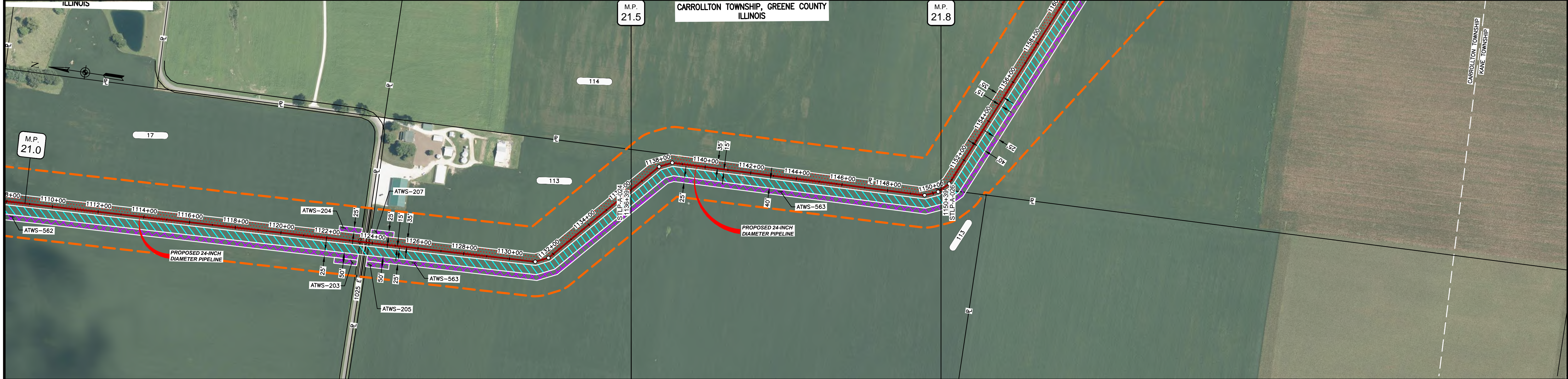
**M M**  
MOTT MACDONALD

SCALE: 1" = 200'

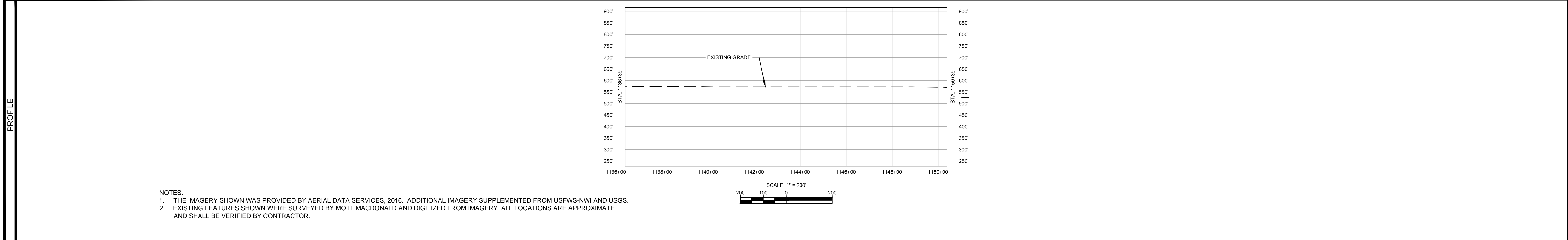
DRAWING NO. STLP-A-024

REVISION: 5

OWNERSHIP / FOOTAGE		1136+39	1400'	1150+39
STATIONING		1136+39	1400'	1150+39



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG				
MATERIAL & COATING	1400'				
DESIGN FACTOR	0.72				
CONSTRUCTION METHOD	OPEN CUT				
PIPELINE COVER	5' MIN.				
SOILS	257B	47A	257B	68A	47A
LAND USE	AG				

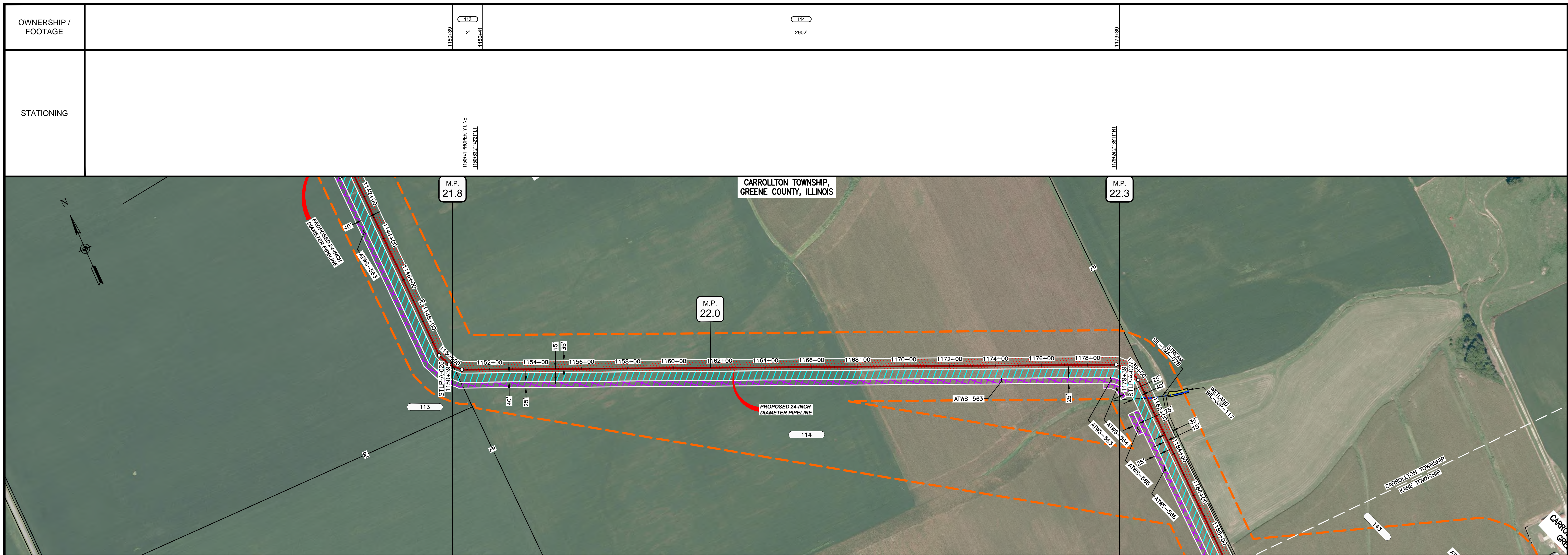


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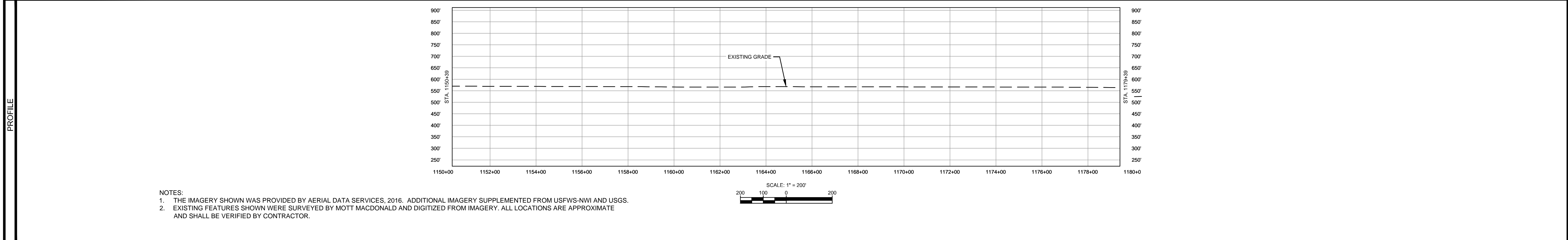
MATERIAL		REFERENCE DRAWINGS		REVISIONS				APPROVALS		SCALE PLAN		PREPARED FOR		SPIRE STL PIPELINE PROJECT	
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN	SCALE PROFILE H	SCALE PROFILE V
1	1400'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	03/2017	1" = 200'	1" = 200'	1" = 200'
					2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE			
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	RJP	03/2017			
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	ENG. APPROVAL	DATE	CLIENT APPROVAL		
											D.G.G.	04/2017	DATE		
											P.M. APPROVAL	DATE			
											J.E.W.	04/2017			

SCALE	DRAWING NO.	REVISION
1" = 200'	STLP-A-025	5



CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG						
MATERIAL & COATING	2900' (1)						
DESIGN FACTOR	0.72						
CONSTRUCTION METHOD	OPEN CUT						
PIPELINE COVER	5' MIN.						
SOILS	68A	51A	51B	47A	61A	675C2	
LAND USE	AG						



NOTES:  
 1. THE IMAGERY SHOWN WAS PROVIDED BY AERIAL DATA SERVICES, 2016. ADDITIONAL IMAGERY SUPPLEMENTED FROM USFWS-NWI AND USGS.  
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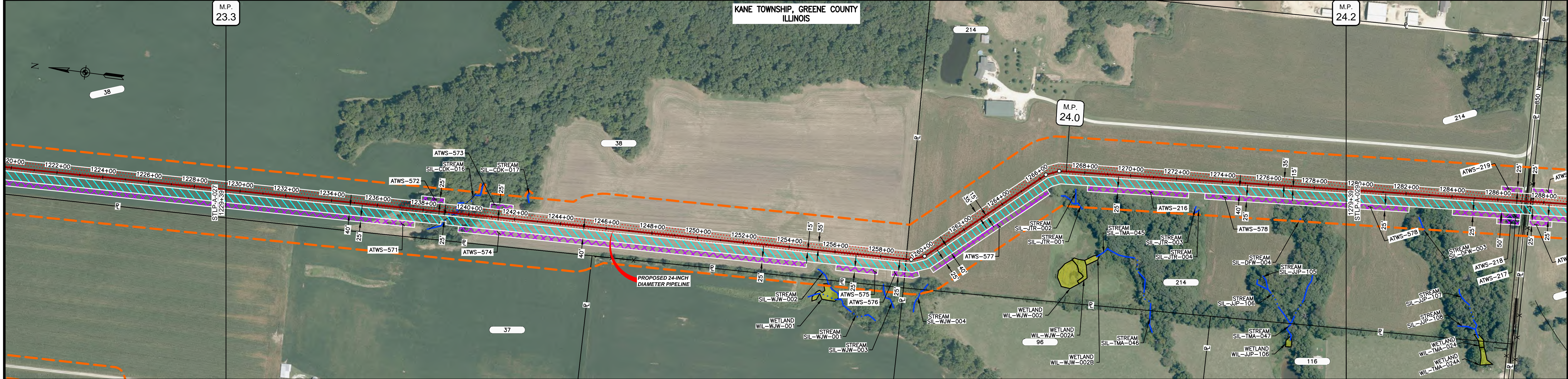
MATERIAL		REFERENCE DRAWINGS		REVISIONS				APPROVALS		SCALE PLAN: 1" = 200' SCALE PROFILE H: 1" = 200' SCALE PROFILE V: 1" = 200'	PREPARED FOR <b>Spire STL Pipeline</b>	SPIRE STL PIPELINE PROJECT ALIGNMENT SHEET PROPOSED 24-INCH DIAMETER PIPELINE GREENE COUNTY, ILLINOIS STA. 1150+39 TO STA. 1179+39
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK			
1	2900'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	04/2017
					2	AMENDMENT TO FERC	04/2017				CHECKED BY	DATE
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	RJP	04/2017
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	ENG. APPROVAL	DATE
											DGG	04/2017
											P.M. APPROVAL	DATE
											JEV	04/2017

CLIENT APPROVAL	DATE	DATE
DATE		

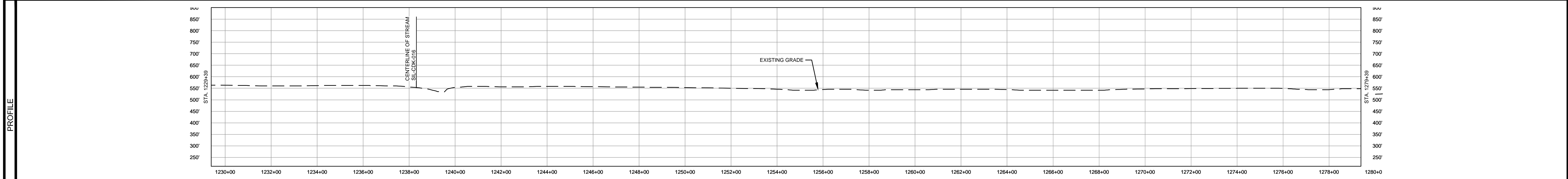
PREPARED BY	SCALE	DRAWING NO.	REVISION
<b>M M</b> MOTT MACDONALD	1" = 200'	STLP-A-026	5



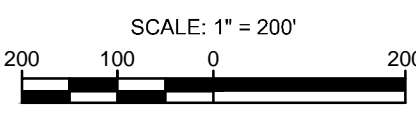
OWNERSHIP / FOOTAGE									
STATIONING									



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG													
MATERIAL & COATING	5000' (1)													
DESIGN FACTOR	0.72													
CONSTRUCTION METHOD	OPEN CUT			OPEN CUT (FLUMED)				OPEN CUT						
PIPELINE COVER	5' MIN.													
SOILS	280B	280C2	280B	280C2	280D	280B	17A	280B	280D2	280B	280D2	280B	280D2	280B
LAND USE	AG			F				AG						



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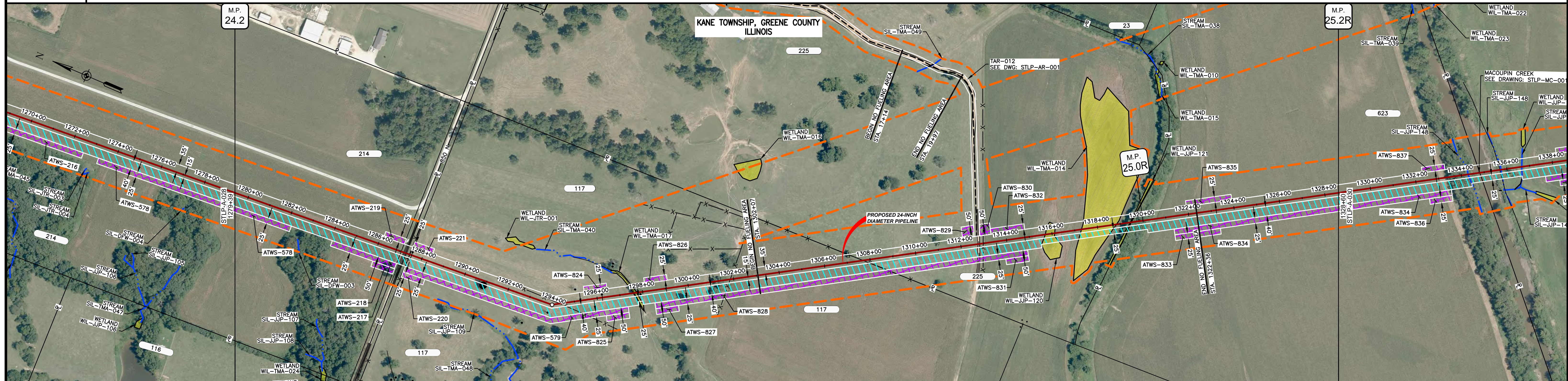
MATERIAL		REFERENCE DRAWINGS		REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT	
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'
1	5000'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	04/2017	SCALE PROFILE H: 1" = 200'
					2	AMENDMENT TO FERC	04/2017						SCALE PROFILE V: 1" = 200'
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	04/2017	
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG			
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG			
											ENG. APPROVAL	DATE	CLIENT APPROVAL
											DGG	04/2017	
											P.M. APPROVAL	DATE	DATE
											JEW	04/2017	

PREPARED BY: **M M**  
**MOTT MACDONALD**

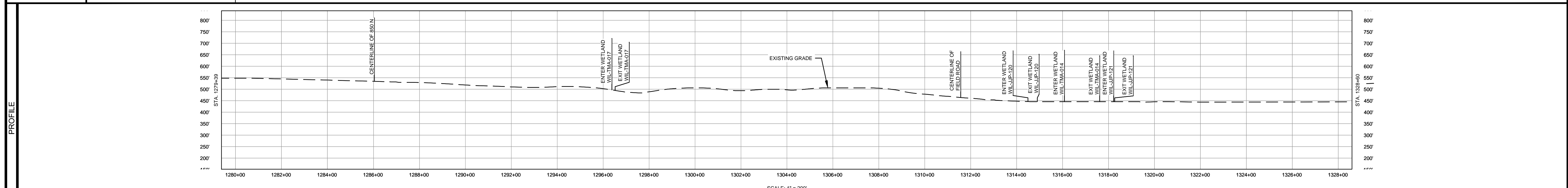
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 DRAWING NO.: STLP-A-028  
 REVISION: 5



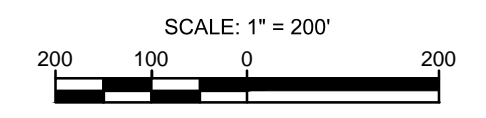
OWNERSHIP / FOOTAGE	1279+39	786'	214'	1287+25	2045'	117'	225'	1177'	823'	1328+60	
STATIONING	<p>1281+17 CENTERLINE OF DITCH  1281+21 EDGE OF GRAVEL  1281+25 PROPERTY LINE  1281+29 CENTERLINE OF 850' N  1281+33 EDGE OF GRAVEL  1281+42 EXISTING FENCE</p> <p>1284+27 2052' LT  1284+37 EXISTING FENCE</p> <p>1291+59 ENTER WETLAND WIL-TMA-017  1291+64 CENTERLINE OF DITCH  1291+72 EXIT WETLAND WIL-TMA-017</p> <p>1301+84 EXISTING FENCE</p> <p>1307+70 PROPERTY LINE  1307+71 EXISTING FENCE</p> <p>1312+78 CENTERLINE OF FIELD ROAD  1312+88 EXISTING FENCE</p> <p>1315+71 ENTER WETLAND WIL-JUP-120  1315+72 EXIT WETLAND WIL-JUP-120</p> <p>1317+35 ENTER WETLAND WIL-TMA-014  1318+44 ENTER WETLAND WIL-JUP-121  1318+47 PROPERTY LINE  1318+48 CENTERLINE OF DITCH  1318+49 EXIT WETLAND WIL-JUP-121</p>										



CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG																						
MATERIAL & COATING	<table border="1"> <tr> <td>1279+39</td> <td>1287+25</td> <td>1287+46</td> <td>1328+60</td> </tr> <tr> <td>747'</td> <td>80'</td> <td>80'</td> <td>4094'</td> </tr> <tr> <td>1</td> <td>2</td> <td>2</td> <td>1</td> </tr> </table>											1279+39	1287+25	1287+46	1328+60	747'	80'	80'	4094'	1	2	2	1
1279+39	1287+25	1287+46	1328+60																				
747'	80'	80'	4094'																				
1	2	2	1																				
DESIGN FACTOR	0.72		0.6		0.72																		
CONSTRUCTION METHOD	OPEN CUT																						
PIPELINE COVER	5' MIN. 7' MIN.																						
SOILS	280B	280C2	280B	280C2	280B	8D	280B	8D2	8D	280B	8D2	134C2	3331A	3451A									
LAND USE	AG	AG	OL	AG	W	AG	AG	W	AG	W	AG	OL	F	W									

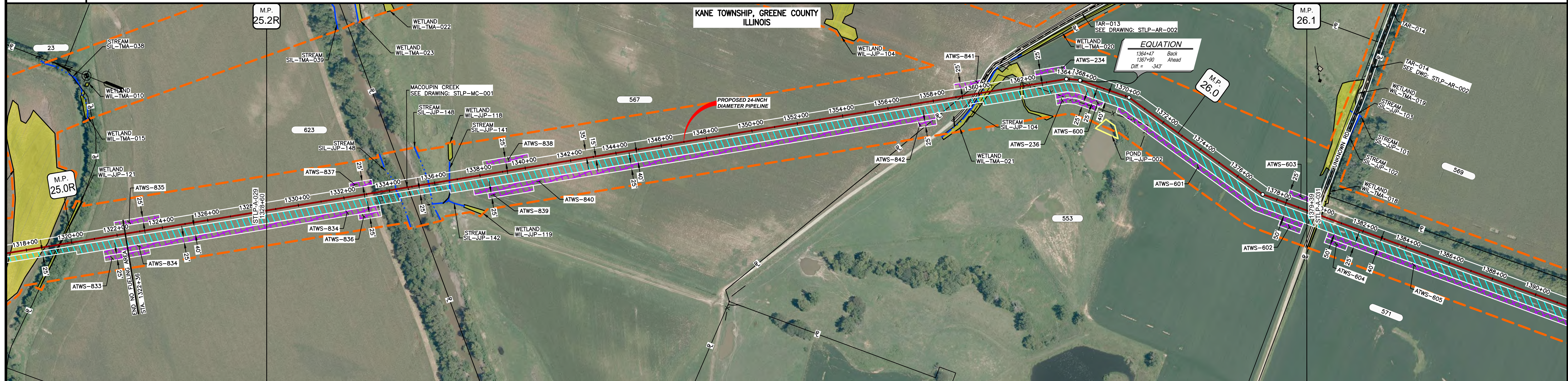


NOTES:  
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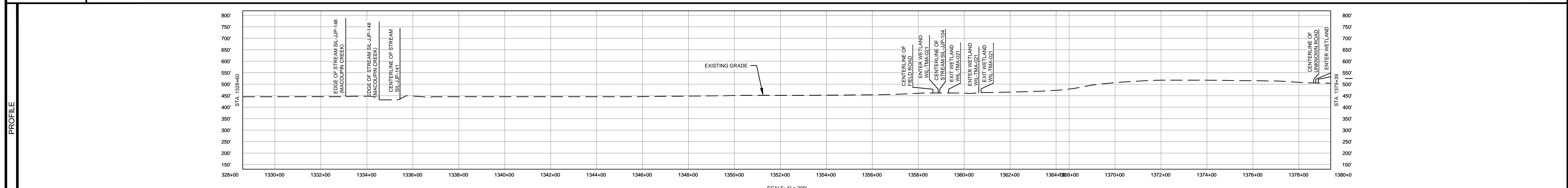


MATERIAL			REFERENCE DRAWINGS		REVISIONS					APPROVALS		SCALE PLAN		PREPARED FOR		SPIRE STL PIPELINE PROJECT				
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN	SCALE PROFILE H	SCALE PROFILE V	SPIRE STL Pipeline		ALIGNMENT SHEET PROPOSED 24-INCH DIAMETER PIPELINE GREENE COUNTY, ILLINOIS STA. 1279+39 TO STA. 1328+60		
1	4841'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED	STLP-AR-001	ACCESS ROAD SITE PLAN - TAR-012	1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	04/2017	1" = 200'	1" = 200'	1" = 200'	MOTT MACDONALD		SCALE: 1" = 200'		
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	DP	WH	DGG	CHECKED BY	DATE	CLIENT APPROVAL		PREPARED BY		DRAWING NO. STLP-A-029			
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	ENG. APPROVAL	DATE	DATE		REVISION		REVISION			
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	P.M. APPROVAL	DATE	DATE		REVISION		REVISION			
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	JEW	04/2017	DATE		REVISION		REVISION			

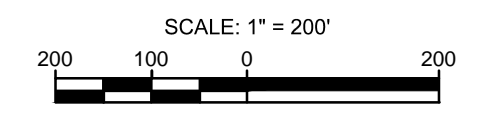
OWNERSHIP / FOOTAGE	1328+60	621'	2444'	1671'	1379+39
STATIONING	<p>1334+98 EDGE OF STREAM SIL-JUP-148 (MACOUPIN CREEK)  1334+81 PROPERTY LINE  1335+71 EDGE OF STREAM SIL-JUP-148 (MACOUPIN CREEK)  1339+66 CENTERLINE OF STREAM SIL-JUP-141 (MACOUPIN CREEK)</p> <p>1359+25 PROPERTY LINE  1359+70 EDGE OF GRAVEL  1359+66 CENTERLINE OF FIELD ROAD  1359+60 CENTERLINE OF GRAVEL  1359+10 CENTERLINE OF WETLAND WIL-TMA-021  1359+10 CENTERLINE OF STREAM SIL-JUP-104  1359+30 EXISTING FENCE  1359+54 EXIT WETLAND WIL-TMA-021  1361+48 EXIT WETLAND WIL-TMA-021  1361+48 EXIT WETLAND WIL-TMA-021  1362+20 EXISTING FENCE  1362+20 EXISTING FENCE  1364+15 EXISTING FENCE  1370+15 EXISTING FENCE</p>				



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG									
MATERIAL & COATING	1328+60 <span style="margin-left: 300px;">4736'</span> <span style="margin-left: 100px;">(1)</span> 1379+39									
DESIGN FACTOR	0.72									
CONSTRUCTION METHOD	OPEN CUT		OPEN CUT (FLUMED)		OPEN CUT		OPEN CUT (FLUMED)		OPEN CUT	
PIPELINE COVER	7 MIN.	5 MIN.	7 MIN.	5 MIN.	7 MIN.	5 MIN.	7 MIN.	5 MIN.	7 MIN.	5 MIN.
SOILS	3451A	3070A	W	3070A	3451A	7148A	3451A	7148A	3451A	8D2, 28D2, 675B, 675C2
LAND USE	AG	D	F	OW	OL	AG	AG	W	AG	W

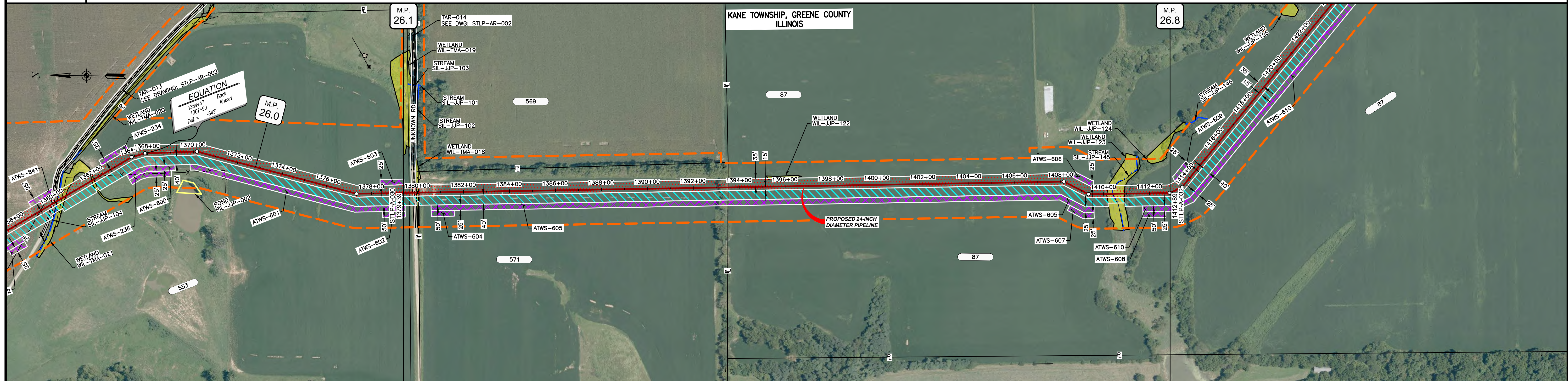


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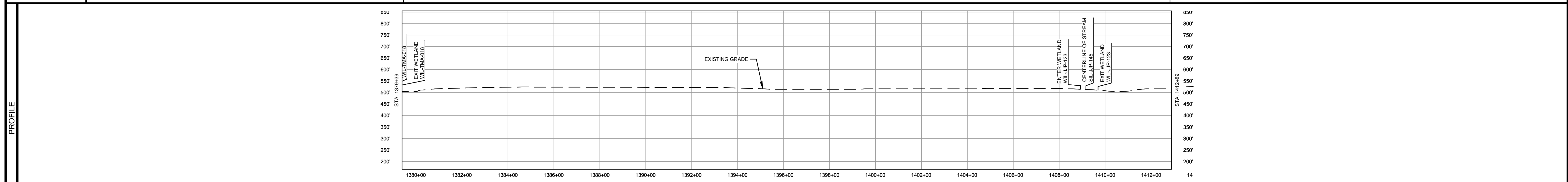


MATERIAL			REFERENCE DRAWINGS			REVISIONS				APPROVALS		SCALE PLAN		PREPARED FOR		SPIRE STL PIPELINE PROJECT	
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN	SPIRE STL Pipeline		ALIGNMENT SHEET	
1	4736'	PIPE, 24.000" OD X 0.375" WT, API-5L X70, DSAW, FBE COATED	STLP-AR-002	ACCESS ROAD SITE PLAN - TAR-013 & TAR-014	1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017	SCALE PROFILE H: 1" = 200'	PREPARED BY		MOTT MACDONALD	
			STLP-MC-001	MACOUPIN CREEK CROSSING	2	AMENDMENT TO FERC	04/2017	DP	BH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'				
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	ENG. APPROVAL	DATE	CLIENT APPROVAL	MOTT MACDONALD		SCALE	
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	DGG	07/2017	DATE				
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	P.M. APPROVAL	DATE	DATE	1" = 200'		5	
											JEV	07/2017					

OWNERSHIP / FOOTAGE		1379+39	1380+04	1381+51	1382+98	1384+45	1385+92	1387+39	1388+86	1390+33	1391+80	1393+27	1394+74	1396+21	1397+68	1399+15	1400+62	1402+09	1403+56	1405+03	1406+50	1407+97	1409+44	1410+91	1412+38
STATIONING		<p>1379+39: 1379+39 EDGE OF GRAVEL, 1379+47 CENTERLINE OF UNKNOWN ROAD, 1379+48 EDGE OF GRAVEL, 1379+49 ENTER WETLAND WIL-TMA-018, 1380+04 EXIT WETLAND WIL-TMA-018</p> <p>1380+51: 1380+51 PROPERTY LINE</p> <p>1396+21: 1396+21 ENTER WETLAND WIL-JP-123, 1396+27 CENTERLINE OF STREAM SIL-JP-145, 1396+33 EXIT WETLAND WIL-JP-123</p> <p>1412+38: 1412+38 ENTER WETLAND WIL-JP-124, 1412+44 CENTERLINE OF STREAM SIL-JP-145, 1412+50 EXIT WETLAND WIL-JP-123</p>																							



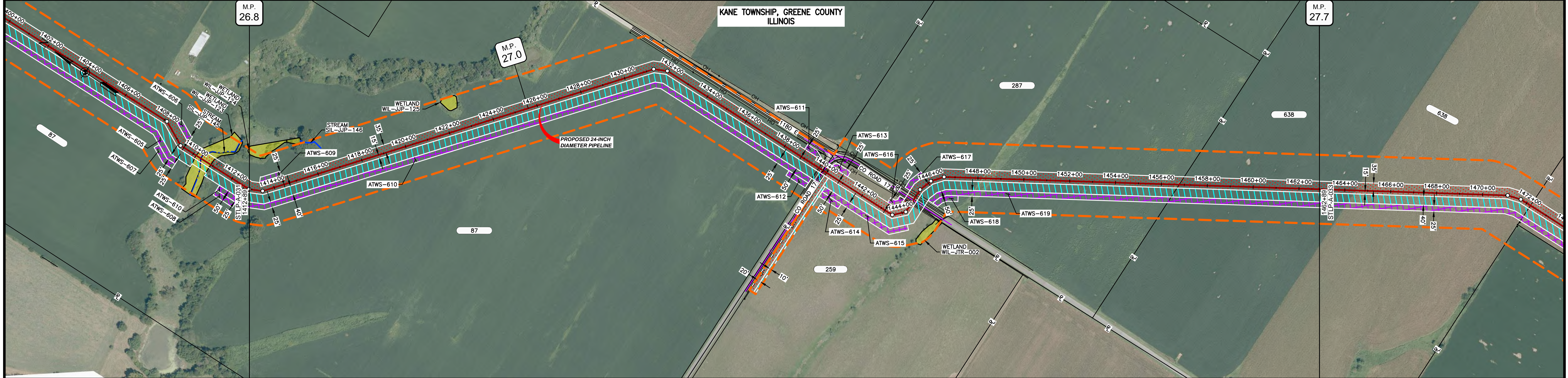
CLASS LOCATION/MAOP		CLASS 1 / 1440 PSIG																						
MATERIAL & COATING		1379+39	1379+46	1380+26	3263'																		1412+38	
DESIGN FACTOR		0.72	0.6		0.72																			
CONSTRUCTION METHOD		OPEN CUT																					OPEN CUT (FLUMED)	OPEN CUT
PIPELINE COVER		5' MIN.																						
SOILS		675C2	257B		51A	61A		675B		280D2	675C2	257B												
LAND USE		AG	OL	W	OL		AG	51A	F		AG		OL	W	F	AG								



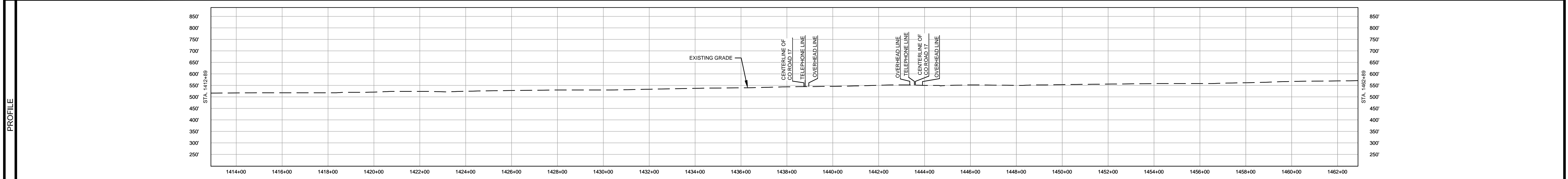
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MATERIAL		REFERENCE DRAWINGS		REVISIONS					APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT		
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE			ALIGNMENT SHEET PROPOSED 24-INCH DIAMETER PIPELINE GREENE COUNTY, ILLINOIS STA. 1379+39 TO STA. 1412+89
1	3270'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED	STLP-AR-002	ACCESS ROAD SITE PLAN - TAR-013 & TAR-014	1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017			
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	CLIENT APPROVAL	PREPARED BY	REVISION
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017	DATE		
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE			
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	DGG	07/2017			
											P.M. APPROVAL	DATE			
											JEV	07/2017			

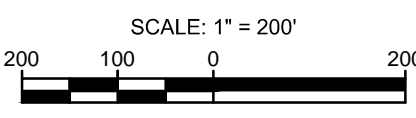
OWNERSHIP / FOOTAGE	1412+89	270'	1439+89	259'	1444+82	1215'	1462+89	612'	1462+89
STATIONING	1412+89	1412+89	1412+89	1412+89	1412+89	1412+89	1412+89	1412+89	1412+89



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG											
MATERIAL & COATING	1412+89									1462+89		
DESIGN FACTOR	0.72		0.6		0.72		0.6		0.72			
CONSTRUCTION METHOD	OPEN CUT				BORE		OPEN CUT		BORE			
PIPELINE COVER	5' MIN.											
SOILS	257B	675C2	257B	675C2	257B	51B	675B	257B	61A	675B	51A	
LAND USE	AG				OL D		OL		D		AG	

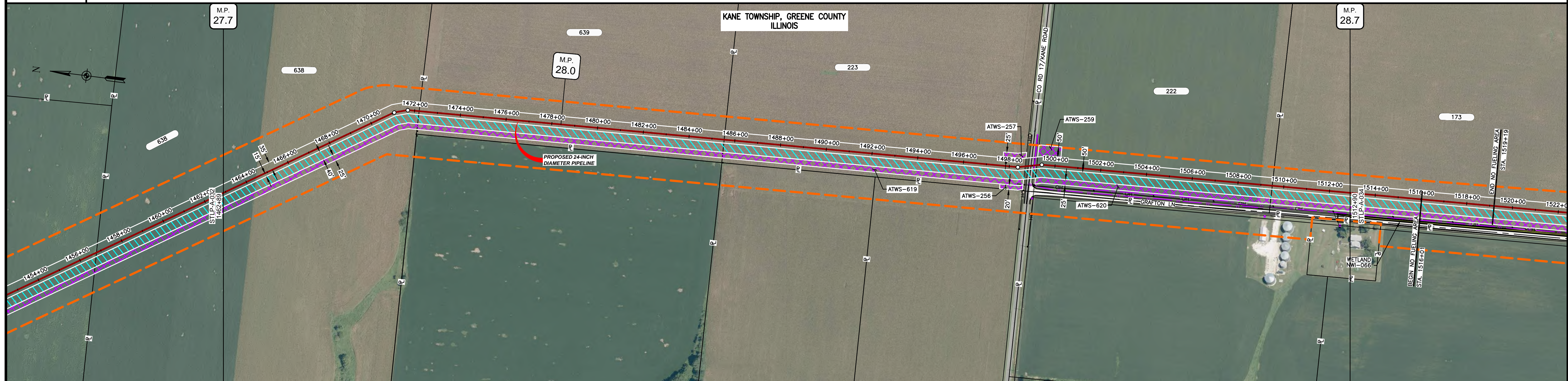


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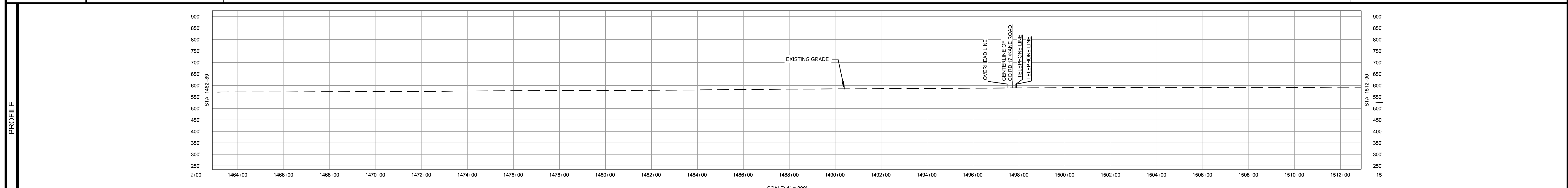


MATERIAL			REFERENCE DRAWINGS			REVISIONS				APPROVALS			SCALE PLAN		PREPARED FOR		SPIRE STL PIPELINE PROJECT		
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN	1" = 200'	PREPARED FOR		SPIRE STL PIPELINE PROJECT		
1	4840'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FER	01/2017	GH	EB	DGG	DP	04/2017	SCALE PROFILE H: 1" = 200'	Spire STL Pipeline		ALIGNMENT SHEET			
2	160'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FER	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'	MOTT MACDONALD		PROPOSED 24-INCH DIAMETER PIPELINE			
20	2	ELL, 24.000" OD X 0.375" WT, 3DR, WPHY70, FBE COATED			3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	04/2017	CLIENT APPROVAL	PREPARED BY		GREENE COUNTY, ILLINOIS			
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	DATE	MOTT MACDONALD		STA. 1412+89 TO STA. 1462+89			
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	P.M. APPROVAL	DATE	DATE			SCALE	DRAWING NO.	REVISION	
											JEV	04/2017	DATE			1" = 200'	STLP-A-032	5	

OWNERSHIP / FOOTAGE	1462+89	838 931'	1472+00	639 1333'	1485+03	223 1342'	1488+05	222 1054'	1500+09	173 341'	1512+90
STATIONING	<p>1462+89 PROPERTY LINE</p> <p>1472+00 PROPERTY LINE</p> <p>1485+03 PROPERTY LINE</p> <p>1488+05 PROPERTY LINE</p> <p>1500+09 PROPERTY LINE</p>										



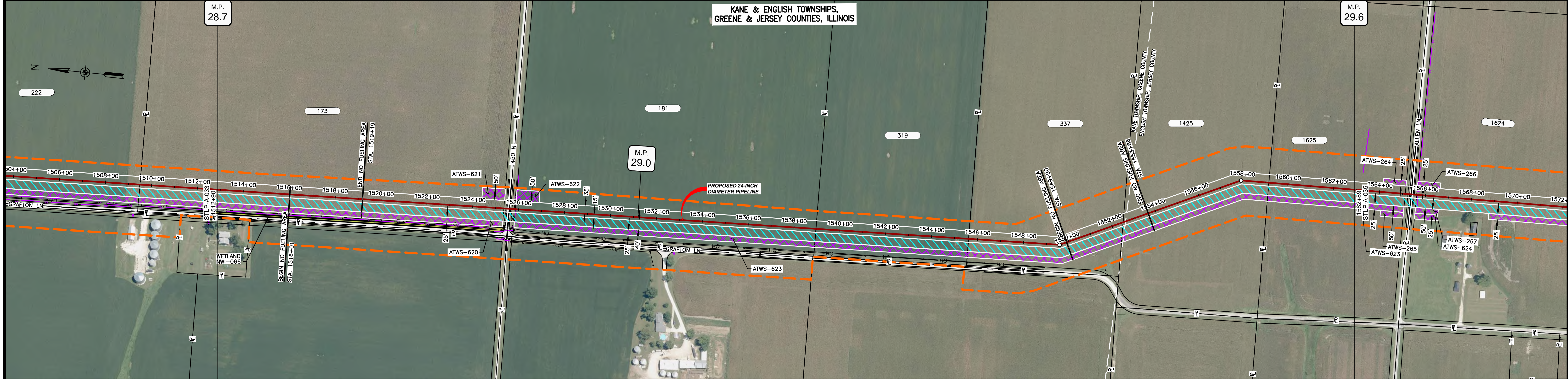
CLASS LOCATION/MAOP	CLASS I / 1440 PSIG										
MATERIAL & COATING	1462+89									1512+90	
DESIGN FACTOR	0.72								0.6		0.72
CONSTRUCTION METHOD	OPEN CUT								BORE		OPEN CUT
PIPELINE COVER	5' MIN.										
SOILS	51A								OL D OL		68A
LAND USE	AG								OL D OL		AG



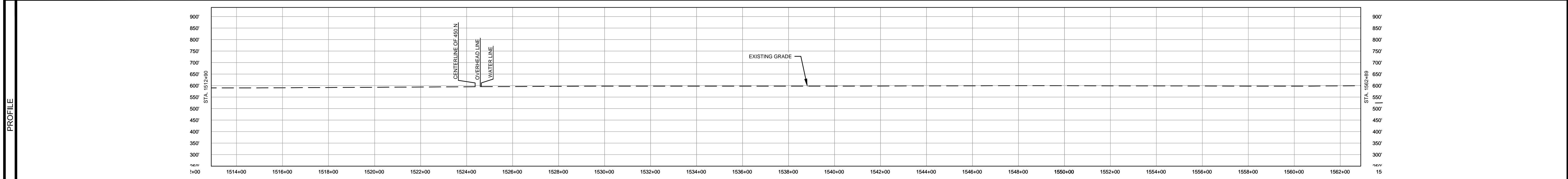
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MATERIAL		REFERENCE DRAWINGS		REVISIONS				APPROVALS		SCALE PLAN		PREPARED FOR		SPIRE STL PIPELINE PROJECT					
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN	SCALE PROFILE H:	SCALE PROFILE V:	PREPARED BY	SCALE	DRAWING NO.	REVISION
1	4921'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	04/2017	1" = 200'	1" = 200'	1" = 200'	<b>M M</b> <b>MOTT MACDONALD</b>	1" = 200' STLPA-033	5	
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WG	DGG									
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG									
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG									
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG									
											CLIENT APPROVAL DATE		PREPARED BY DATE		SCALE 1" = 200'				

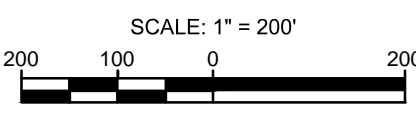
OWNERSHIP / FOOTAGE	1512+90	173 1270'	1525+80	181 1336'	1538+98	319 665'	1545+81	337 690'	1552+51	1425 665'	1559+16	1625 373'	1562+89
STATIONING	<p>1525+80 UTILITY POLE 82 RT. 1525+80 CENTERLINE OF DITCH 1525+80 CENTERLINE OF PAVEMENT 1525+80 PROPERTY LINE 1525+80 PROPERTY LINE 1525+80 CENTERLINE OF PAVEMENT 1525+80 UTILITY POLE 44 RT. 1525+80 OVERHEAD LINE 1525+80 WATERLINE</p> <p>1538+98 PROPERTY LINE</p> <p>1545+81 PROPERTY LINE</p> <p>1552+51 1549+52 21' 1336' LT</p> <p>1559+16 PROPERTY LINE 1559+16 COUNTY LINE 1559+16 MUNICIPAL BOUNDARY</p> <p>1562+89 1557+96 24' 1625' RT</p> <p>1569+16 PROPERTY LINE</p>												



CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG																						
MATERIAL & COATING	<table border="1"> <tr> <td>1512+90</td> <td>1228'</td> <td>1</td> <td>1525+80</td> <td>80'</td> <td>2</td> <td>1525+88</td> <td>3691'</td> <td>1</td> <td>1562+89</td> </tr> </table>													1512+90	1228'	1	1525+80	80'	2	1525+88	3691'	1	1562+89
1512+90	1228'	1	1525+80	80'	2	1525+88	3691'	1	1562+89														
DESIGN FACTOR	0.72				0.6				0.72														
CONSTRUCTION METHOD	OPEN CUT				BORE				OPEN CUT														
PIPELINE COVER	5' MIN.																						
SOILS	68A			51A			68A			45A		68A		51A		51A		675B		51A			
LAND USE	AG			OL D OL			AG			AG													

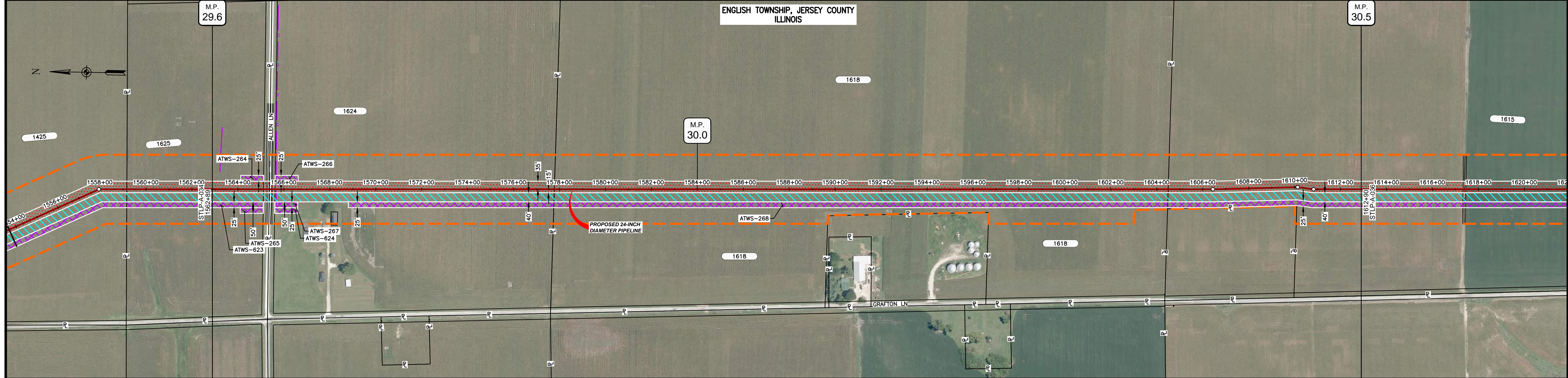


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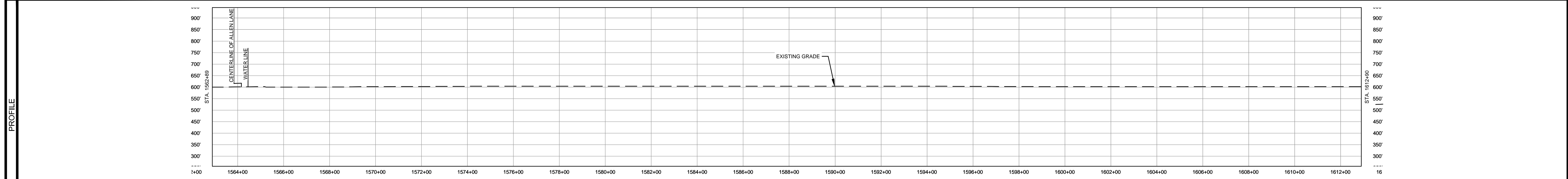


MATERIAL			REFERENCE DRAWINGS			REVISIONS				APPROVALS			PREPARED FOR		SPIRE STL PIPELINE PROJECT			
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN	1" = 200'	Spire STL Pipeline ALIGNMENT SHEET PROPOSED 24-INCH DIAMETER PIPELINE GREENE & JERSEY COUNTIES, ILLINOIS STA. 1512+90 TO STA. 1562+89			
1	4919'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	04/2017	SCALE PROFILE H: 1" = 200'					
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'					
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	04/2017	CLIENT APPROVAL					
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	PREPARED BY					
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	DGG	04/2017	MOTT MACDONALD					
											P.M. APPROVAL	DATE	SCALE	1" = 200'	DRAWING NO.	STLP-A-034	REVISION	5
											JEV	04/2017						

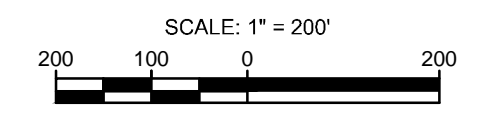
OWNERSHIP / FOOTAGE	1562+89	1825 247	1565+98	1624 1241'	1577+77	1618 2672'	1604+49	1618 841'	1612+90	
STATIONING	<p>1562+89 1565+98 1624 1577+77 PROPERTY LINE 1618 1604+49 PROPERTY LINE 1604+49 PROPERTY LINE 1604+49 PROPERTY LINE 1604+49 PROPERTY LINE 1612+90</p> <p>1562+89 1565+98 1624 1577+77 PROPERTY LINE 1618 1604+49 PROPERTY LINE 1604+49 PROPERTY LINE 1604+49 PROPERTY LINE 1604+49 PROPERTY LINE 1612+90</p>									



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG									
MATERIAL & COATING										
DESIGN FACTOR	0.72		0.6		0.72					
CONSTRUCTION METHOD	OPEN CUT		BORE		OPEN CUT					
PIPELINE COVER	5' MIN.									
SOILS	51A	675B	51A	68A	51A	68A	51A	68A	51A	68A
LAND USE	AG	OL	D	OL	AG	51A	68A	51A	68A	51A



NOTES:  
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MATERIAL		REFERENCE DRAWINGS		REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT	
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'
1	4921'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	04/2017	SCALE PROFILE H: 1" = 200'
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	04/2017	
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	CLIENT APPROVAL
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	DGG	04/2017	DATE
											P.M. APPROVAL	DATE	DATE
											JEV	04/2017	SCALE: 1" = 200'

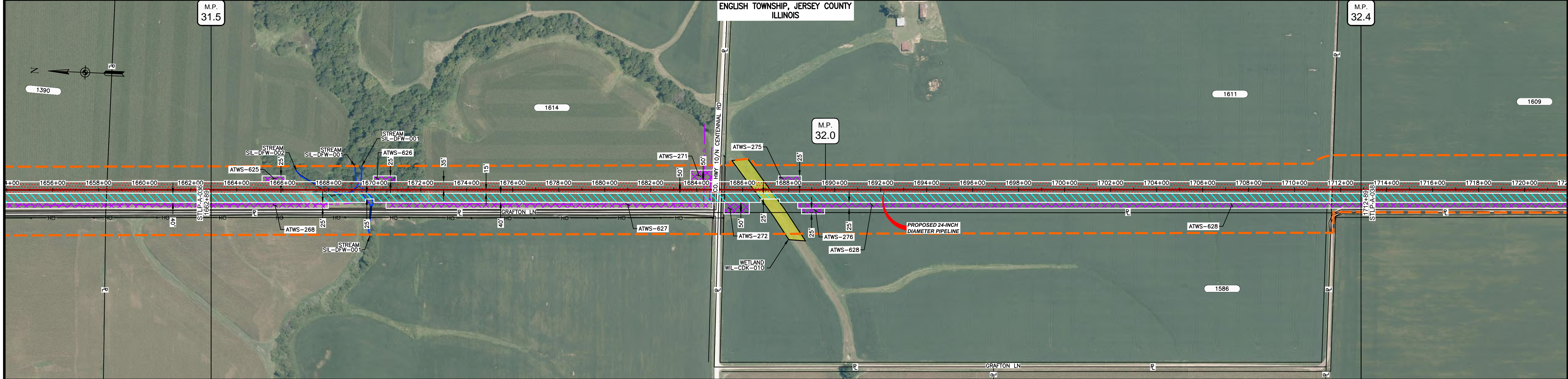
**M M**  
 MOTT MACDONALD

SCALE: 1" = 200'  
 DRAWING NO.: STLPA-035  
 REVISION: 5

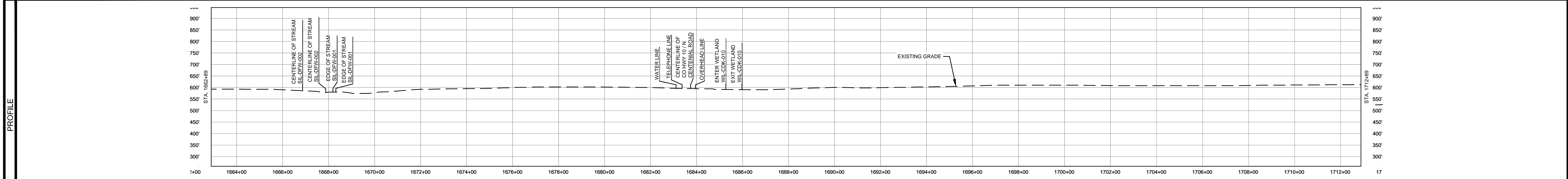




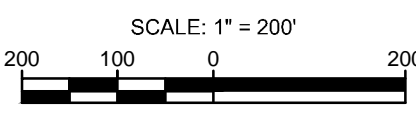
OWNERSHIP / FOOTAGE	1662+89	1614 2209	1684+88	1611 2665'	1609 126'	1712+89
STATIONING	<p>1667-73 CENTERLINE OF DITCH 1668-00 CENTERLINE OF STREAM SIL-DPW-002 1668-00 CENTERLINE OF STREAM SIL-DPW-002 1668-10 CENTERLINE OF DITCH 1668-40 EDGE OF STREAM SIL-DPW-001 1668-50 EDGE OF STREAM SIL-DPW-001</p> <p>1684-20 WATERLINE 1684-45 TELEPHONE UTILITY 45 FT. 1684-50 TELEPHONE LINE 1684-77 CENTERLINE OF DITCH 1684-87 EDGE OF PAVEMENT 1684-90 CENTERLINE OF CO HWY 10 / N CENTENNIAL ROAD 1684-90 PROPERTY LINE 1684-90 EDGE OF PAVEMENT 1685-10 CENTERLINE OF DITCH 1685-10 OVERHEAD LINE 1685-18 ENTER WETLAND WIL-CDK-010 1687-19 EXIT WETLAND WIL-CDK-010</p>					



CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG															
MATERIAL & COATING	<p>1662+89</p> <p>2133' (1)</p> <p>105' (2)</p> <p>2762' (1)</p> <p>1712+89</p>															
DESIGN FACTOR	0.72															
CONSTRUCTION METHOD	OPEN CUT				OPEN CUT (FLUMED)				OPEN CUT				BORE		OPEN CUT	
PIPELINE COVER	5' MIN.															
SOILS	675B	675C2	3451A	279C3	675C2	675B	61A	675B	675C2	3451A	675C2	675B	86B	51A		
LAND USE	AG	OL	F	OW	F	AG	W	AG	W	AG	AG	OL	AG			

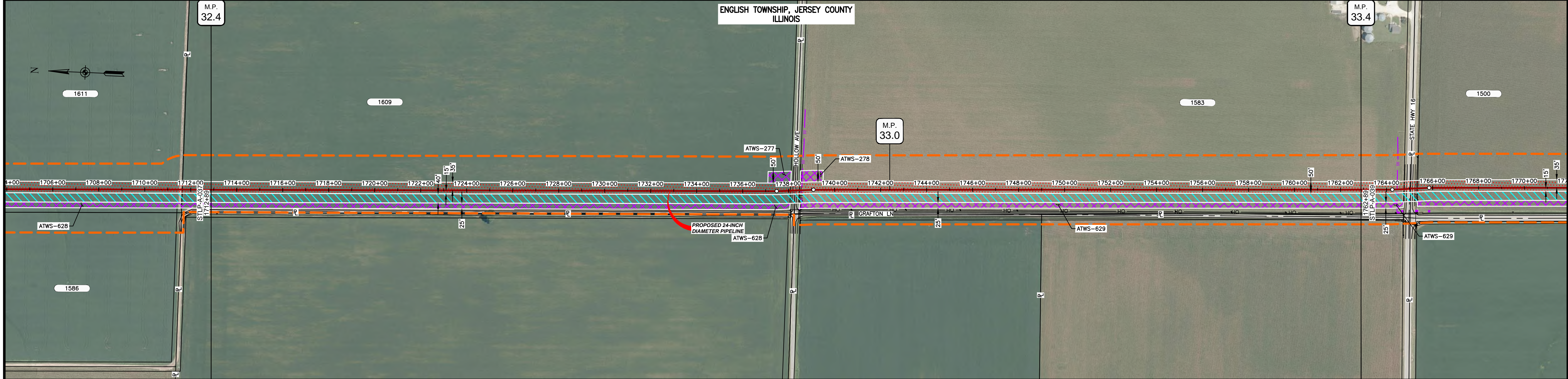


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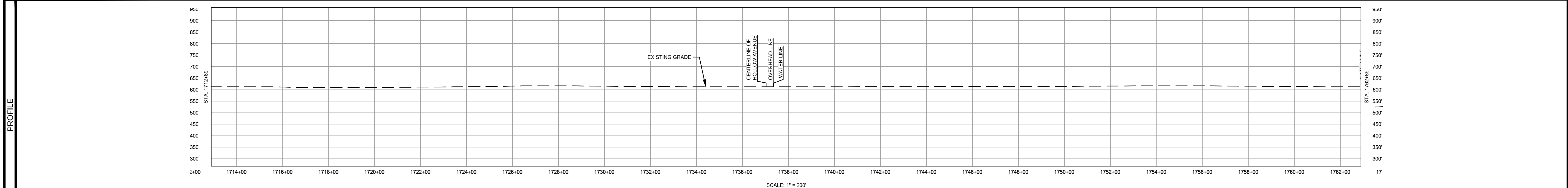


MATERIAL			REFERENCE DRAWINGS		REVISIONS				APPROVALS			SCALE PLAN:		PREPARED FOR		SPIRE STL PIPELINE PROJECT		
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'			PROPOSED 24-INCH DIAMETER PIPELINE JERSEY COUNTY, ILLINOIS STA. 1662+89 TO STA. 1712+89		
1	4895'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017	SCALE PROFILE H: 1" = 200'					
2	105'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'	DATE		SCALE: 1" = 200' DRAWING NO. STLPA-037 REVISION: 5		
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017	CLIENT APPROVAL					
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	DATE					
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	P.M. APPROVAL	DATE	DATE					
											JEV	07/2017	DATE					

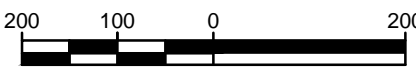
OWNERSHIP / FOOTAGE	1712+89	1800' 2539'	1738+28	1885' 2461'	1762+89
STATIONING	<p>1712+89 1714+00 1716+00 1718+00 1720+00 1722+00 1724+00 1726+00 1728+00 1730+00 1732+00 1734+00 1736+00 1738+00 1740+00 1742+00 1744+00 1746+00 1748+00 1750+00 1752+00 1754+00 1756+00 1758+00 1760+00 1762+00 1764+00 1766+00 1768+00 1770+00</p>				



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG									
MATERIAL & COATING	<p>1712+89 1714+00 1716+00 1718+00 1720+00 1722+00 1724+00 1726+00 1728+00 1730+00 1732+00 1734+00 1736+00 1738+00 1740+00 1742+00 1744+00 1746+00 1748+00 1750+00 1752+00 1754+00 1756+00 1758+00 1760+00 1762+89</p>									
DESIGN FACTOR	0.72					0.6				
CONSTRUCTION METHOD	OPEN CUT					BORE				
PIPELINE COVER	5' MIN.									
SOILS	51A	68A	51A	68A	51A	68A	51A	68A	51A	68A
LAND USE	AG									

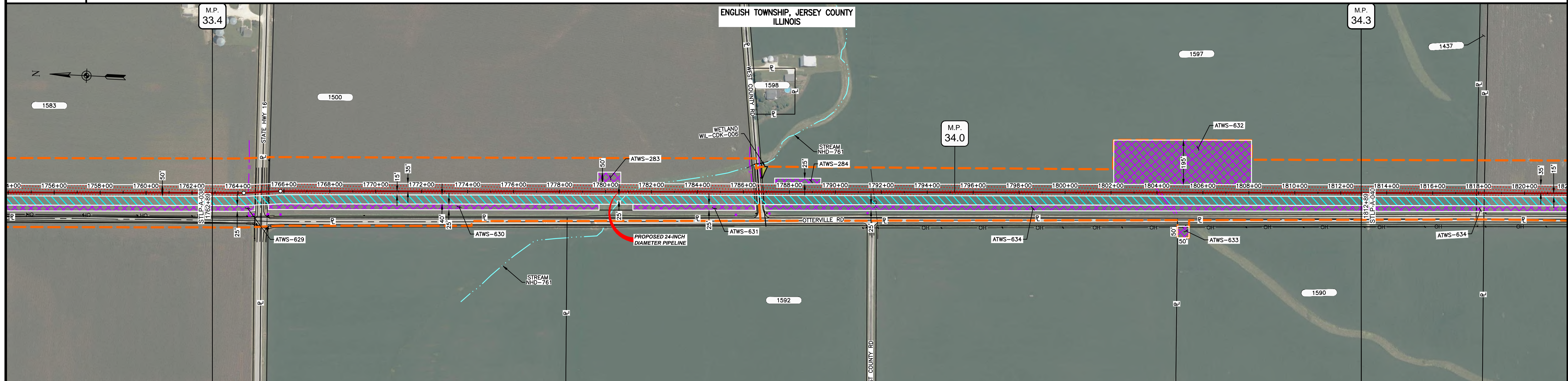


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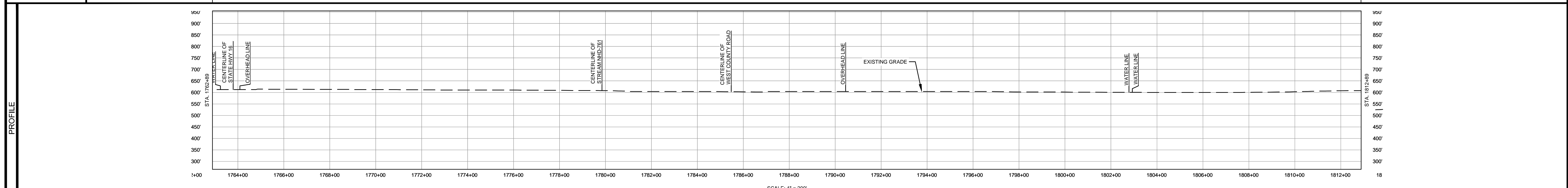


MATERIAL		REFERENCE DRAWINGS		REVISIONS					APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT				
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200' SCALE PROFILE H: 1" = 200' SCALE PROFILE V: 1" = 200'	<b>Spire</b> <b>STL Pipeline</b>	ALIGNMENT SHEET PROPOSED 24-INCH DIAMETER PIPELINE JERSEY COUNTY, ILLINOIS STA. 1712+89 TO STA. 1762+89		
1	4920'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017					
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG							
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017					
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG							
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG							
											ENG. APPROVAL	DATE	CLIENT APPROVAL				
											DGG	07/2017	DATE				
											P.M. APPROVAL	DATE					
											JEV	07/2017					

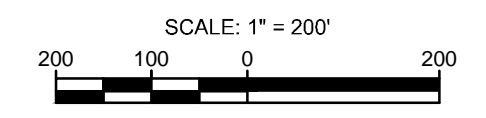
OWNERSHIP / FOOTAGE	1762+89	1583 216'	1765+05	1500 2162'	1768+87	1597 2822'	1812+89
STATIONING	<p>1764+05 WATER LINE 1764+17 CENTERLINE OF DITCH 1764+88 EDGE OF PAVEMENT 1765+07 CENTERLINE OF STATE HWY 16 1765+05 PROPERTY LINE 1765+13 EDGE OF PAVEMENT 1765+21 SIGNAL ST. RT. 1765+25 CENTERLINE OF DITCH 1765+31 OVERHEAD LINE 1765+45 2"X21" ST.</p> <p>1768+05 CENTERLINE OF STREAM NHD-761</p> <p>1768+04 CENTERLINE OF DITCH 1768+05 EDGE OF PAVEMENT 1768+07 PROPERTY LINE 1768+15 CENTERLINE OF WEST COUNTY ROAD 1768+15 CENTERLINE OF DITCH 1768+15 OVERHEAD LINE</p> <p>1768+15 WATER LINE 1804+15 WATER LINE</p>						



CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG									
MATERIAL & COATING										
DESIGN FACTOR	0.72		0.6		0.72		0.6		0.72	
CONSTRUCTION METHOD	OPEN CUT		BORE		OPEN CUT		BORE		OPEN CUT	
PIPELINE COVER	5' MIN.									
SOILS	68A		51A		86B		259C2		51A	
LAND USE	AG		D		AG		OL		AG	

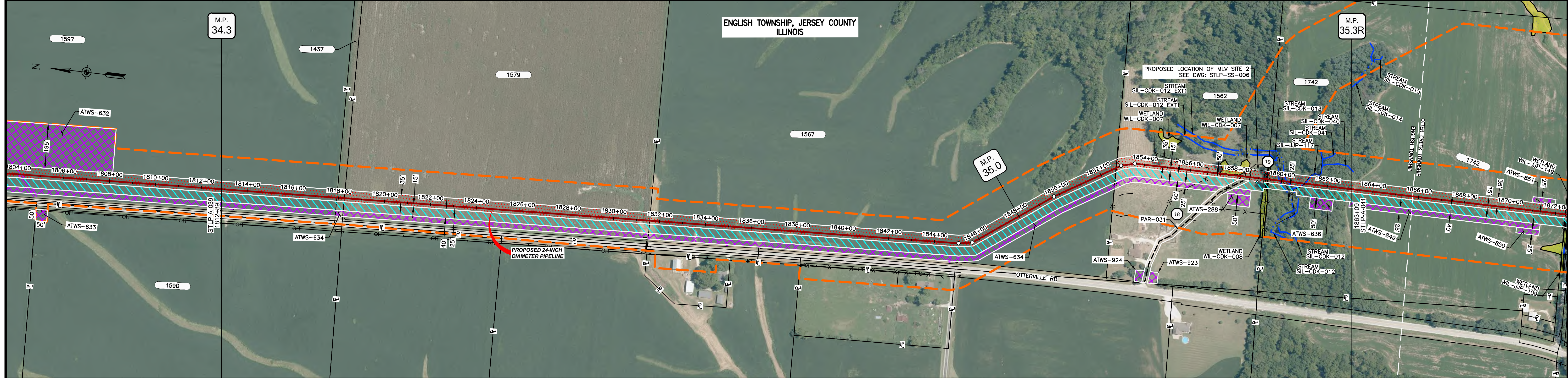


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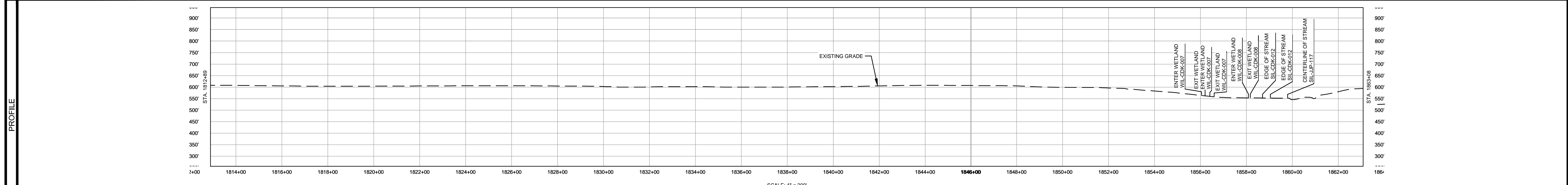


MATERIAL			REFERENCE DRAWINGS		REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT			
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN:	ALIGNMENT SHEET		
1	4815'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017	SCALE PROFILE H: 1" = 200'	PROPOSED 24-INCH DIAMETER PIPELINE		
2	185'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'	JERSEY COUNTY, ILLINOIS		
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017	CLIENT APPROVAL	STA. 1762+89 TO STA. 1812+89		
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	PREPARED BY	MOTT MACDONALD		
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	DGG	07/2017	DATE	SCALE	DRAWING NO.	REVISION
											P.M. APPROVAL	DATE	1" = 200'	STLP-A-039	5	
											JEV	07/2017				

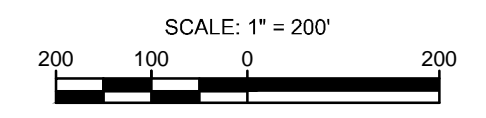
OWNERSHIP / FOOTAGE	1812+89	1597 502'	1437 33'	1818+24	1579 1333'	1567 2112'	1824+72	1562 666'	1742 371'	1863+09
STATIONING	1817+91 PROPERTY LINE 1819+24 PROPERTY LINE 1831+57 PROPERTY LINE 1834+01 TELEPHONE UTILITY 8" RT. 1847+72 TELEPHONE UTILITY 8" RT. 1852+01 EXISTING FENCE 1853+51 EXISTING FENCE 1854+01 EXISTING FENCE 1857+72 EXISTING FENCE 1859+13 ENTER WETLAND WL CDK-008 1859+13 EXIT WETLAND WL CDK-008 1859+13 EXISTING FENCE 1860+02 CENTERLINE OF STREAM SIL-CDK-012 1860+02 CENTERLINE OF DITCH 1860+02 CENTERLINE OF DITCH 1861+02 CENTERLINE OF STREAM SIL-UP-117									



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG																						
MATERIAL & COATING	1812+89 4589 1 1858+78 35' 1858+13 396' 1 1863+09																						
DESIGN FACTOR	0.72																						
CONSTRUCTION METHOD	OPEN CUT																						
PIPELINE COVER	5' MIN.																						
SOILS	675B	61A	675B	61A	675B	119C2	675B	279B	119C2	279B	119D2	3634A	8D2	119C3									
LAND USE	AG										OL	AG	OL	AG	W	AG	W	AG	W	F	OW	F	AG



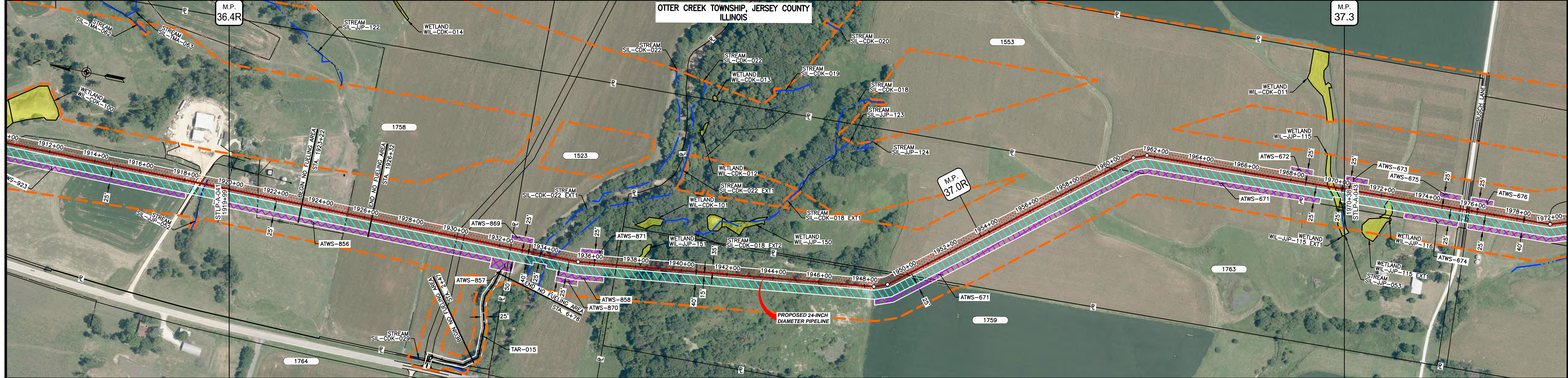
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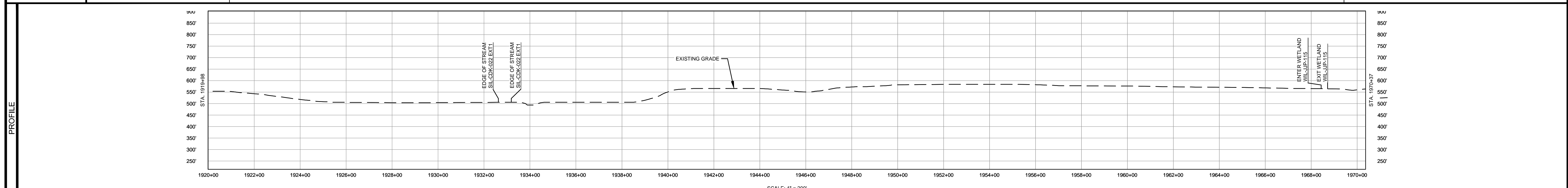
MATERIAL			REFERENCE DRAWINGS		REVISIONS					APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT			
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'	ALIGNMENT SHEET			
1	4985'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED	TAR-015	ACCESS ROAD SITE PLAN - TAR-015	1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017	SCALE PROFILE H: 1" = 200'	PROPOSED 24-INCH DIAMETER PIPELINE			
REF	35'	SEE REFERENCED DETAIL DRAWING	STLP-SS-006	24" PIPELINE MLV SITE 2	2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'	JERSEY COUNTY, ILLINOIS			
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017		STA. 1812+89 TO STA. 1863+09			
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	CLIENT APPROVAL	PREPARED BY	SCALE		
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	DGG	07/2017	DATE	M	DRAWING NO.	REVISION	
											P.M. APPROVAL	DATE		M	STLP-A-040	5	
											JEV	07/2017		MOTT MACDONALD			



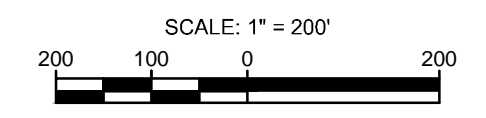
OWNERSHIP / FOOTAGE	1919+99	1251'	1924+99	465'	1927+18	1275'	1949+93	1012'	1964+05	1033'	1970+38
STATIONING	1919+99	1924+99	1927+18	1927+18	1949+93	1949+93	1964+05	1964+05	1970+38	1970+38	1970+38



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG																		
MATERIAL & COATING	5039' (1)																		
DESIGN FACTOR	0.72																		
CONSTRUCTION METHOD	OPEN CUT					OPEN CUT (CUMULATED)													
PIPELINE COVER	5' MIN.					7' MIN.													
SOILS	279B	119D3	8D3	3634A	3333A	3634A	8G	280B	119D3	279B	515C2	515B2	279B	515B2	515C2	515B2	515C2		
LAND USE				AG		F	OW	F	AG	OL	F		OL	AG		OL	W	OL	AG

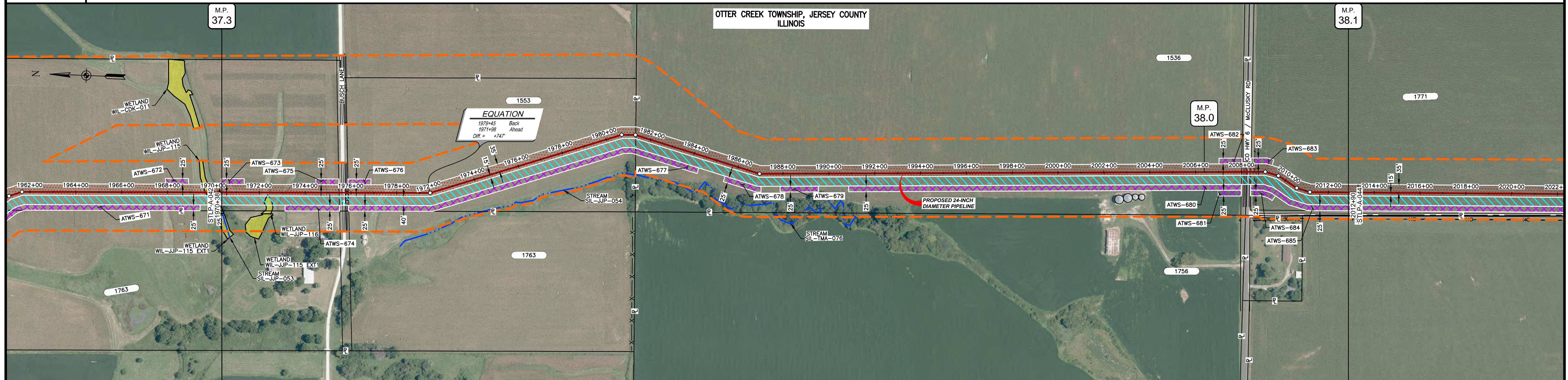


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MATERIAL		REFERENCE DRAWINGS		REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT						
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200' SCALE PROFILE H: 1" = 200' SCALE PROFILE V: 1" = 200'	MOTT MACDONALD	SCALE	DRAWING NO.	REVISION	
1	5039'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED	STLP-AR-003	ACCESS ROAD SITE PLAN - TAR-015	1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017						CLIENT APPROVAL
					2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG								
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG								
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG								
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG								
											ENG. APPROVAL	DATE						
											DGG	07/2017						
											P.M. APPROVAL	DATE						
											JEV	07/2017						

OWNERSHIP / FOOTAGE		1870+38	1553 1843'	1981+34	1536 2688'	2008+22	1771 468'	2012+90
STATIONING			1979+45 1979+76 1979+76 1979+48 1979+48 1979+48	1972+09 1972+09 1972+09	1980+74 1980+74 1980+74		2008+10 2008+16 2008+22 2009+27 2009+48 2009+48 2009+48 2009+48 2009+48 2009+48 2009+48	



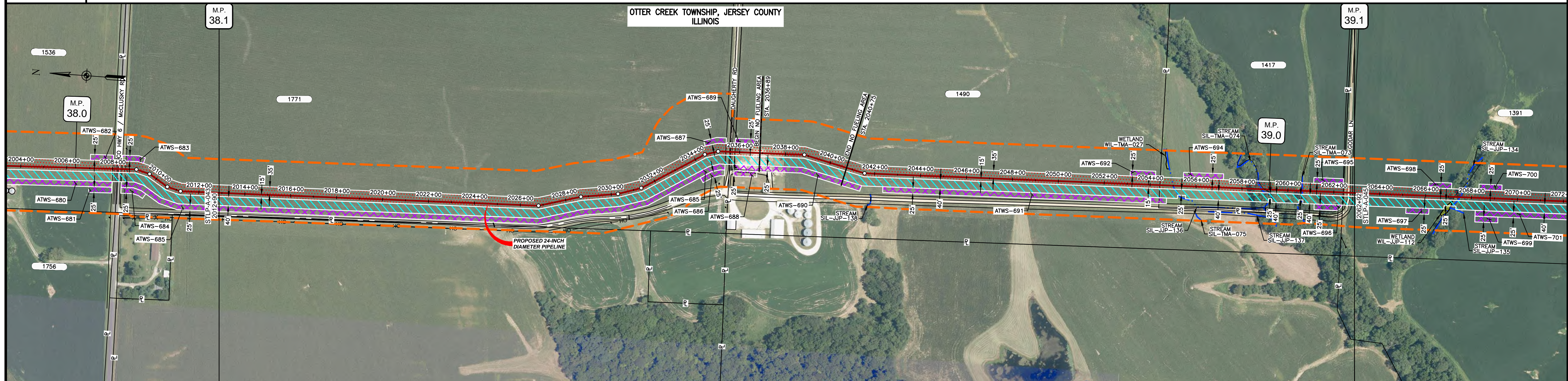
CLASS LOCATION/MAOP	CLASS I / 1440 PSIG							
MATERIAL & COATING	1970+38		1975+29		1978+09		2012+90	
DESIGN FACTOR	0.72		0.6		0.72		0.6, 0.72	
CONSTRUCTION METHOD	OPEN CUT		BORE		OPEN CUT		BORE, OPEN CUT	
PIPELINE COVER	5' MIN.							
SOILS	515C2, 675B		515C2, 675B		515C2, 675B		61A	
LAND USE	AG, OL, AG, OL		AG, OL, D, AG, OL		AG		OL, D, AG	



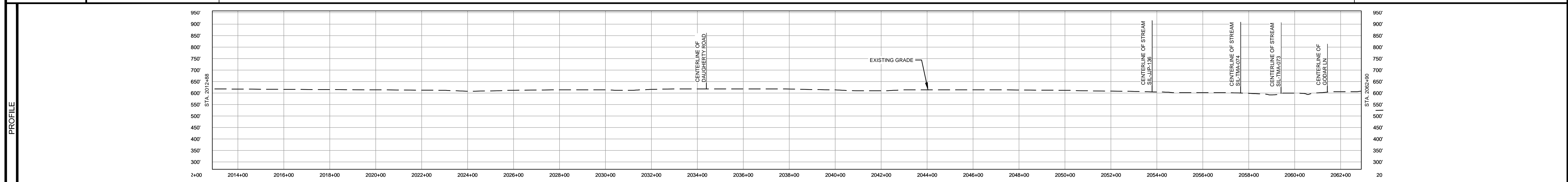
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MATERIAL		DESCRIPTION	DWG. NO.	REFERENCE DRAWINGS	TITLE	REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT			
TAG	QUANTITY					NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	Spire STL Pipeline	ALIGNMENT SHEET PROPOSED 24-INCH DIAMETER PIPELINE JERSEY COUNTY, ILLINOIS STA. 1970+38 TO STA. 2012+90		
1	4839'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED				1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017				
2	160'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED				2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	1" = 200'	STLPA-043	5	
						3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017				
						4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE				
						5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	DGG	07/2017				
												P.M. APPROVAL	DATE				
												JEV	07/2017				

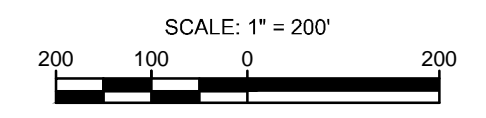
OWNERSHIP / FOOTAGE		1771 2271'		1890 1883'		1417 799'		1391 49'
STATIONING		2012+90	2034+61	2054+44	2062+43	2062+92		



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG																															
MATERIAL & COATING	<table border="1"> <tr> <td>2012+90</td> <td>2034+23</td> <td>2038+03</td> <td>2062+46</td> <td>2062+92</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>2</td> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										2012+90	2034+23	2038+03	2062+46	2062+92							1	2	1	2							
2012+90	2034+23	2038+03	2062+46	2062+92																												
1	2	1	2																													
DESIGN FACTOR	0.72, 0.6, 0.72, 0.6																															
CONSTRUCTION METHOD	OPEN CUT, BORE, OPEN CUT, OPEN CUT (FLUMED), OPEN CUT, OPEN CUT (FLUMED), OPEN CUT (FLUMED), OPEN CUT																															
PIPELINE COVER	5' MIN.																															
SOILS	61A, 675B, 279C2, 675B, 279C2, 675B, 279C2, 119D3, 279C2, 279B, 279C2, 279B, 279C2, 119D3, 279B																															
LAND USE	AG, OL, AG, F, AG, F, OL, AG																															



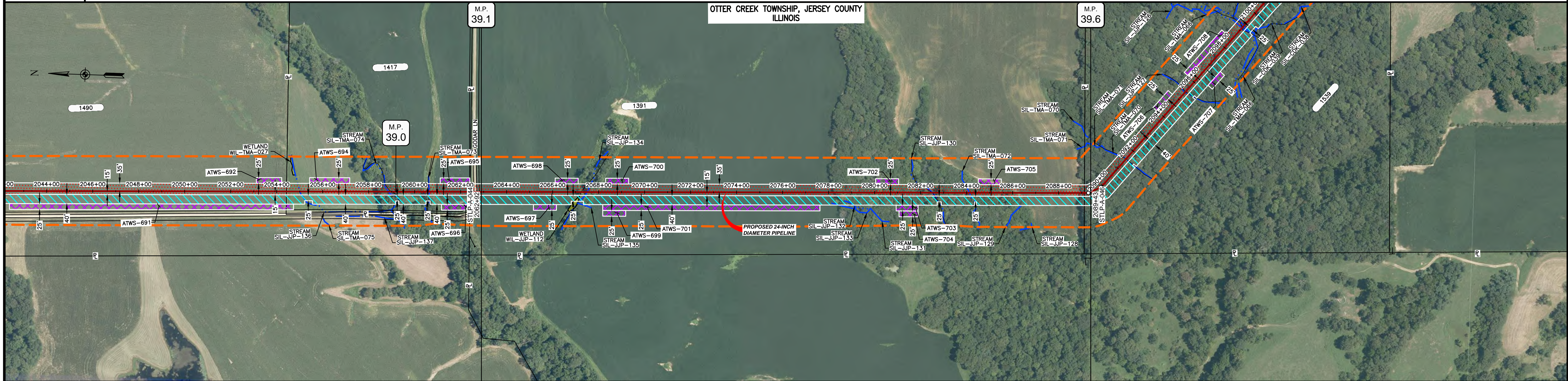
NOTES:  
 1. THE IMAGERY SHOWN WAS PROVIDED BY AERIAL DATA SERVICES, 2016. ADDITIONAL IMAGERY SUPPLEMENTED FROM USFWS-NWI AND USGS.  
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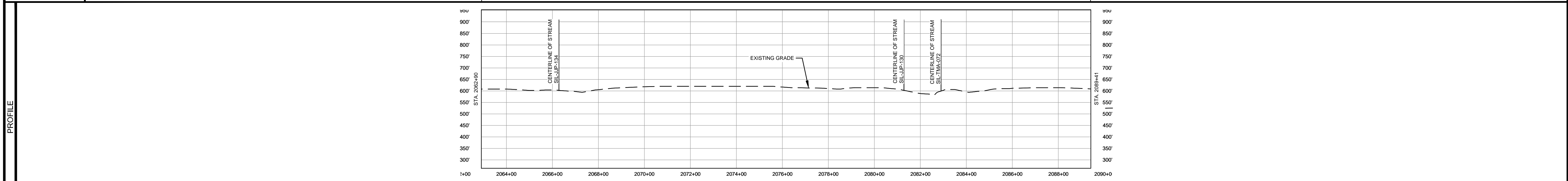
MATERIAL			REFERENCE DRAWINGS		REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT		
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN:	SCALE PROFILE H:	SCALE PROFILE V:
1	4856'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	03/2017	1" = 200'	1" = 200'	1" = 200'
2	146'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE			
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	RJP	03/2017			
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	ENG. APPROVAL	DATE	CLIENT APPROVAL	PREPARED BY	
											DGG	04/2017		<b>M M</b>	
											P.M. APPROVAL	DATE		<b>MOTT MACDONALD</b>	
											JEV	04/2017			
													SCALE: 1" = 200' DRAWING NO.: STLP-A-044 REVISION: 5		



OWNERSHIP / FOOTAGE		2062+92	1391 2622	2089+43
STATIONING		2062+92	2062+92	2089+43



CLASS LOCATION/MAOP	CLASS 1 / 1440 PSIG	
MATERIAL & COATING	2062+92	2089+43
DESIGN FACTOR	0.6	0.72
CONSTRUCTION METHOD	OPEN CUT	OPEN CUT (FLUMED)
PIPELINE COVER	5' MIN.	
SOILS	279B 279C3 119D3 279C3 119D3	279B 119D2 279B 280C
LAND USE	AG F	AG F



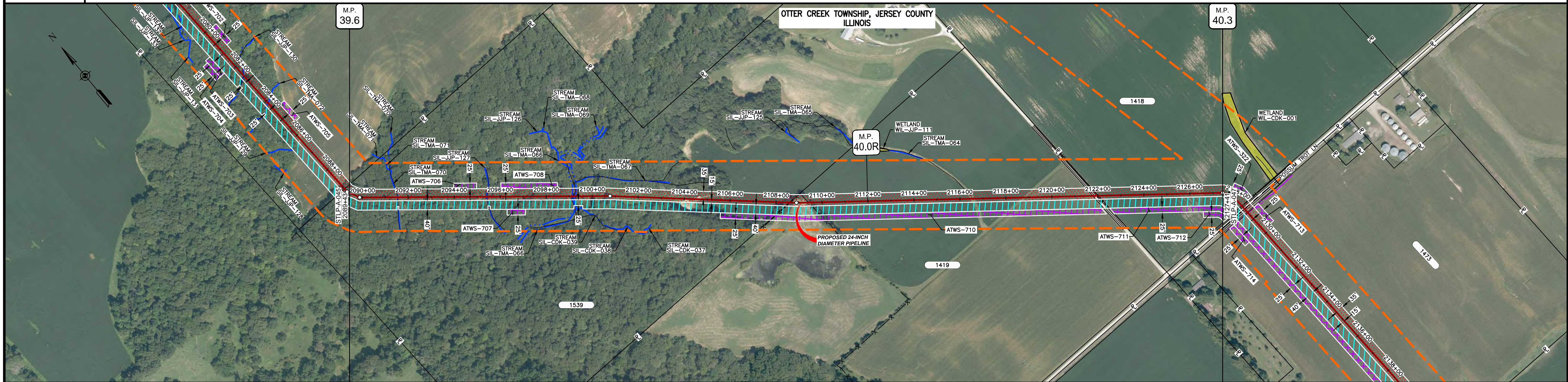
- NOTES:  
 1. THE IMAGERY SHOWN WAS PROVIDED BY AERIAL DATA SERVICES, 2016. ADDITIONAL IMAGERY SUPPLEMENTED FROM USFWS-NWI AND USGS.  
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MATERIAL		REFERENCE DRAWINGS		REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT	
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'
1	2637'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017	SCALE PROFILE H: 1" = 200'
2	14'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017	
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	CLIENT APPROVAL
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	DGG	07/2017	DATE
											P.M. APPROVAL	DATE	
											JEV	07/2017	

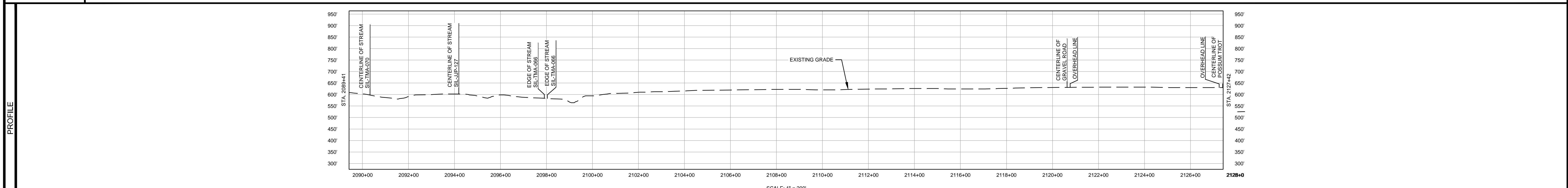
		<b>M M</b> MOTT MACDONALD	
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SCALE: 1" = 200' DRAWING NO.: STLP-A-045 REVISION: 5		
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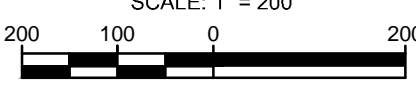
OWNERSHIP / FOOTAGE	2089+43	1917	1344	540'	2127+41
STATIONING	2089+43	2094+00	2099+00	2104+00	2109+00



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG										
MATERIAL & COATING	3798'										
DESIGN FACTOR	0.72										
CONSTRUCTION METHOD	OPEN CUT	OPEN CUT (FLUMED)	OPEN CUT	OPEN CUT (FLUMED)	OPEN CUT	OPEN CUT (FLUMED)	OPEN CUT				
PIPELINE COVER	5' MIN.										
SOILS	280C	8D2	280C	8D2	8F2	279B	278A	279C2	278A	61A	51A
LAND USE			F		OW	F	AG	F	AG	F	AG

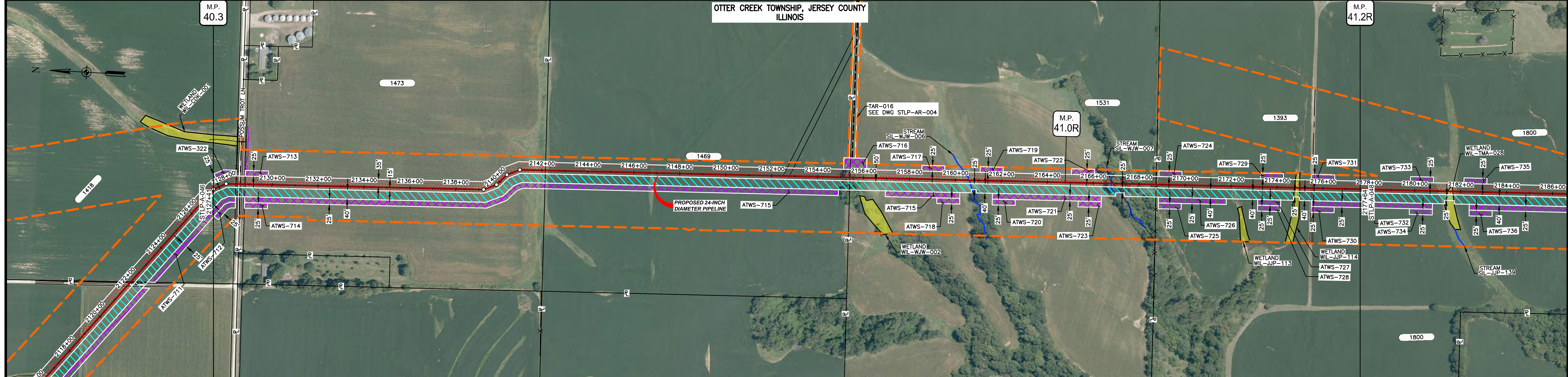


NOTES:  
 1. THE IMAGERY SHOWN WAS PROVIDED BY AERIAL DATA SERVICES, 2016. ADDITIONAL IMAGERY SUPPLEMENTED FROM USFWS-NWI AND USGS.  
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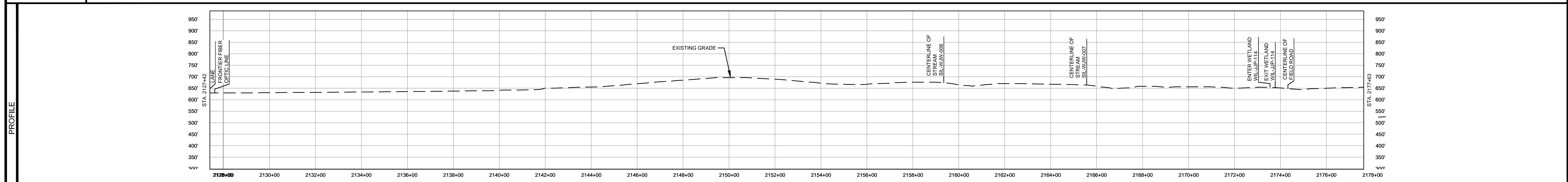


MATERIAL		REFERENCE DRAWINGS		REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT	
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'
1	3798'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	03/2017	SCALE PROFILE H: 1" = 200'
					2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	RJP	03/2017	
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	ENG. APPROVAL	DATE	CLIENT APPROVAL
											DGG	04/2017	
											P.M. APPROVAL	DATE	
											JEV	04/2017	
										PREPARED BY		SPIRE STL Pipeline	
										MOTT MACDONALD		PROPOSED 24-INCH DIAMETER PIPELINE JERSEY COUNTY, ILLINOIS STA. 2089+43 TO STA. 2127+41	
										SCALE: 1" = 200'		DRAWING NO.: STLPA-046	
												REVISION: 5	

OWNERSHIP / FOOTAGE	2172+41	123' 2172+41	1352' 1473	1326' 1469	1333' 1831	889' 1800	2177+64
STATIONING	<p>2172+41 CENTERLINE OF TROT LINE            2172+41 CENTERLINE OF DITCH            2172+41 CENTERLINE OF GRAVEL            2172+41 PROPERTY LINE            2172+41 CENTERLINE OF GRAVEL            2172+41 CENTERLINE OF DITCH            2172+41 FRONTIER FIBER OPTIC LINE</p> <p>2142+16 PROPERTY LINE</p> <p>2154+42 PROPERTY LINE</p> <p>2160+57 CENTERLINE OF STREAM SIL-WJW-006</p> <p>2166+70 CENTERLINE OF STREAM SIL-WJW-007</p> <p>2166+80 CENTERLINE OF DITCH</p> <p>2168+74 EXISTING FENCE</p> <p>2168+75 PROPERTY LINE</p> <p>2174+77 ENTER WETLAND WIL-JUP-114            2175+00 EXIT WETLAND WIL-JUP-114            2176+45 CENTERLINE OF FIELD ROAD</p>						



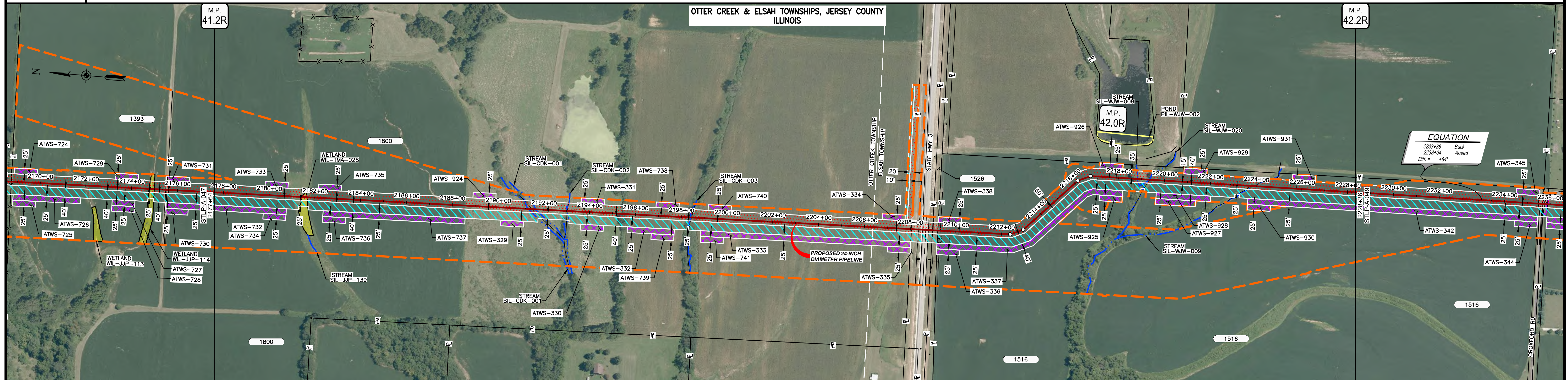
CLASS LOCATION/MAOP	CLASS I / 1440 PSIG																
MATERIAL & COATING	2127+41	2128+21	2129+01	4863'												2177+64	
DESIGN FACTOR	0.72	0.6		0.72													
CONSTRUCTION METHOD	OPEN CUT	BORE		OPEN CUT												OPEN CUT (FLUMED)	OPEN CUT
PIPELINE COVER	5' MIN.																
SOILS	51A	61A	51A	61A	675B	280D3	280B	280C2	280D3	280C2	280D3	280C2	280D3	280C2	280D3	280C2	
LAND USE	AG	D	OL	AG	OL	AG	F	AG	OL	AG	F	AG	F	AG	W	AG	



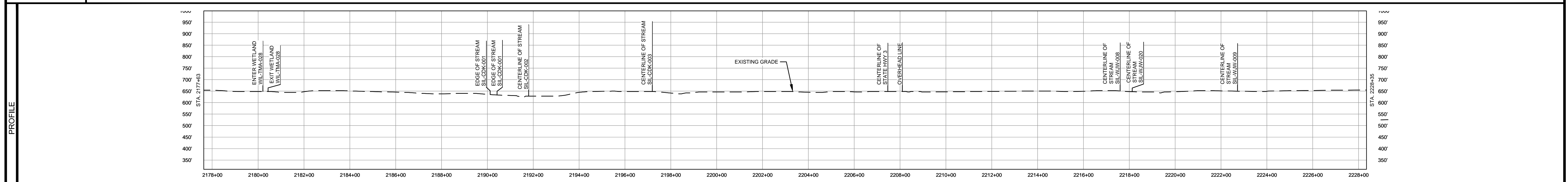
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MATERIAL			REFERENCE DRAWINGS		REVISIONS				APPROVALS			PREPARED FOR		SPIRE STL PIPELINE PROJECT			
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SPIRE STL Pipeline		ALIGNMENT SHEET		
1	4943'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED	STLP-AR-004	ACCESS ROAD SITE PLAN - TAR-016	1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	03/2017	MOTT MACDONALD		PROPOSED 24-INCH DIAMETER PIPELINE		
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG					JERSEY COUNTY, ILLINOIS		
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG					STA. 2127+41 TO STA. 2177+64		
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG							
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP								
											SCALE PLAN: 1" = 200'			SCALE			
											SCALE PROFILE H: 1" = 200'			DRAWING NO.			
											SCALE PROFILE V: 1" = 200'			REVISION			
											CLIENT APPROVAL		DATE		1" = 200'		
											PREPARED BY		DATE		STLP-A-047		
															5		

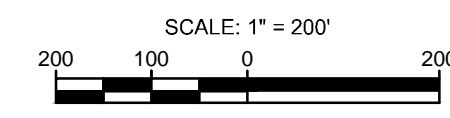
OWNERSHIP / FOOTAGE	2177+64	1800	3043'	2208+07	STATE HWY 3	1526	23'	1516	1914'	2228+36
STATIONING		2181+44 ENTER WETLAND WIL-TMA-028 2181+45 EXIT WETLAND WIL-TMA-028	2191+35 EDGE OF STREAM SIL-CDK-001 2191+50 CENTERLINE OF DITCH 2191+65 EDGE OF STREAM SIL-CDK-001 2191+65 CENTERLINE OF STREAM SIL-CDK-002 2191+65 CENTERLINE OF DITCH	2198+42 CENTERLINE OF STREAM SIL-CDK-003 2198+46 CENTERLINE OF DITCH	2208+18 MUNICIPAL BOUNDARY	2208+07 PROPERTY LINE 2208+38 CENTERLINE OF DITCH 2208+49 EDGE OF PAVEMENT 2208+70 CENTERLINE OF STATE HWY 3 2208+85 EDGE OF PAVEMENT 2208+99 PROPERTY LINE 2209+07 CENTERLINE OF DITCH 2209+12 PROPERTY LINE 2209+13 OVERHEAD LINE 2212+52 22+3000' LI 2213+59 22+3000' LI	2218+13 22+4556' RT 2218+75 22+4556' RT	2218+45 CENTERLINE OF STREAM SIL-WW-008 2218+45 CENTERLINE OF STREAM SIL-WW-020 2218+57 CENTERLINE OF DITCH	2228+16 CENTERLINE OF DITCH 2229+16 CENTERLINE OF STREAM SIL-WW-009	



CLASS LOCATION/MAOP	CLASS I / 1440 PSIG																										
MATERIAL & COATING	2177+64											2228+36															
DESIGN FACTOR	0.72																										
CONSTRUCTION METHOD	OPEN CUT			OPEN CUT (FLUMED)		OPEN CUT		OPEN CUT (FLUMED)		OPEN CUT		OPEN CUT (FLUMED)		OPEN CUT		OPEN CUT		OPEN CUT									
PIPELINE COVER	5' MIN.																										
SOILS	280C2	279C2	280C2	279C2	280C2	279D3	279B	279C2	279B	279C2	279B	279C2	279D3	279C2	279B	279C2	279B	279D2	279C2	279D2	675B	279D2	278A	279B			
LAND USE		AG	W		AG	OW	AG	F	AG	F			AG	D	OL	D		AG			F	OL	F		AG	F	AG

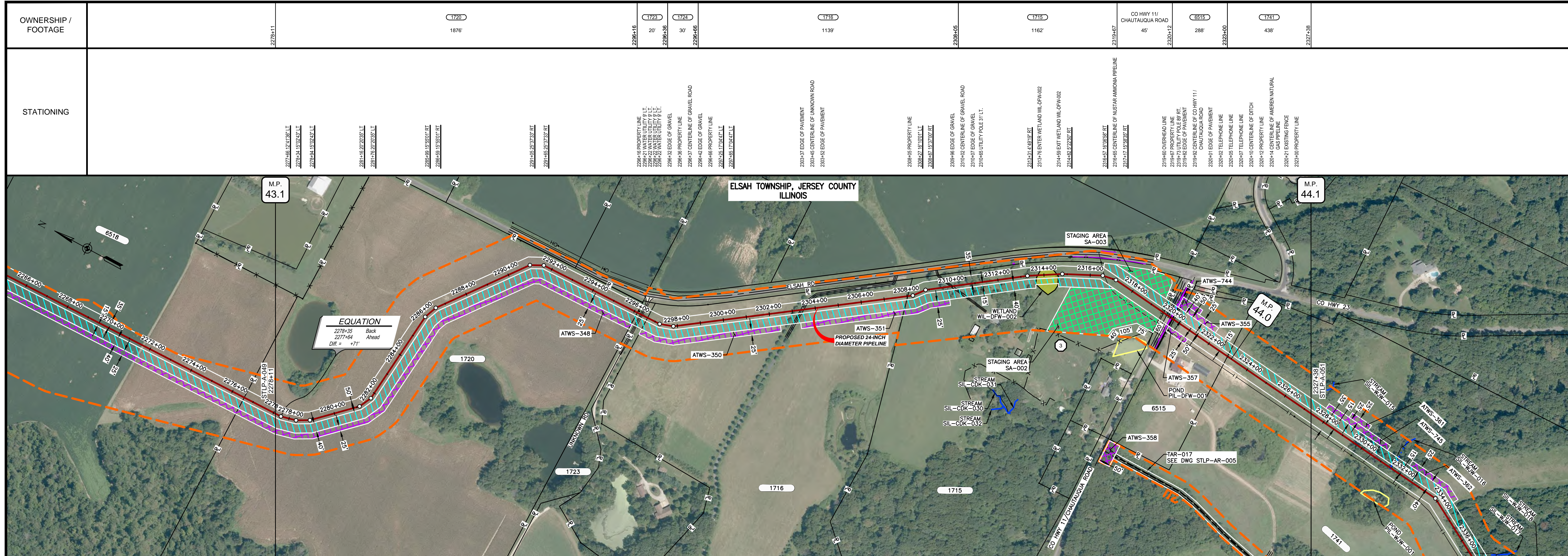


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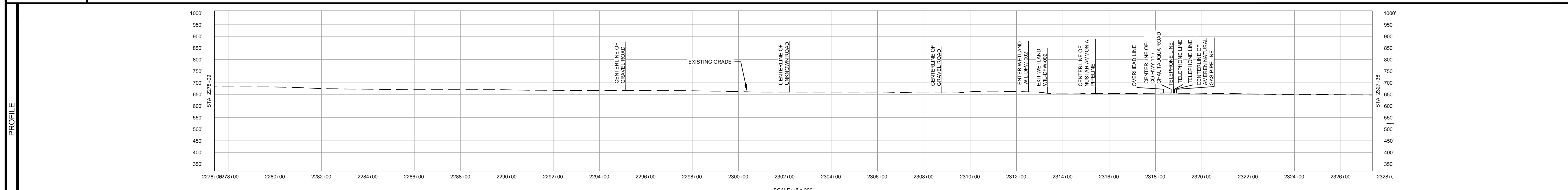


MATERIAL			REFERENCE DRAWINGS			REVISIONS				APPROVALS		PREPARED FOR		SPIRE STL PIPELINE PROJECT		
TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	SCALE PLAN: 1" = 200'		SPIRE STL Pipeline	
1	4930'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED			1	ISSUE FOR FERC	01/2017	GH	EB	DGG	DP	07/2017	SCALE PROFILE H: 1" = 200'		ALIGNMENT SHEET	
2	142'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG	CHECKED BY	DATE	SCALE PROFILE V: 1" = 200'		PROPOSED 24-INCH DIAMETER PIPELINE	
					3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG	RJP	07/2017	CLIENT APPROVAL		JERSEY COUNTY, ILLINOIS	
					4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG	ENG. APPROVAL	DATE	PREPARED BY		STA. 2177+64 TO STA. 2228+36	
					5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG	DGG	07/2017	M		SCALE	
											P.M. APPROVAL	DATE	MOTT MACDONALD		DRAWING NO.	
											JEW	07/2017			REVISION	
													1" = 200'		STLP-A-048	
															5	

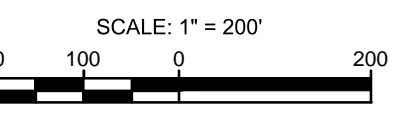




CLASS LOCATION/MAOP	CLASS I / 1440 PSIG															
MATERIAL & COATING																
DESIGN FACTOR	0.72															
CONSTRUCTION METHOD	OPEN CUT															
PIPELINE COVER	5' MIN.															
SOILS	477B				D				477C2				477B			
LAND USE	AG				D				AG				OL F OL F OL F OL F OL F OL F OL W			



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TAG	QUANTITY	DESCRIPTION	DWG. NO.	REFERENCE DRAWINGS	TITLE
1	4918'	PIPE, 24.000" OD X 0.375" WT, API-5L, X70, DSAW, FBE COATED	STLP-AR-005	ACCESS ROAD SITE PLAN-TAR-017	
2	80'	PIPE, 24.000" OD X 0.500" WT, API-5L, X70, DSAW, FBE/ARO COATED			

NO.	REVISIONS	DATE	DRAWN	CK	APPR
1	ISSUE FOR FERC	01/2017	GH	EB	DGG
2	AMENDMENT TO FERC	04/2017	KAM	WH	DGG
3	FERC SUPPLEMENTAL FILING	07/2017	KAM	RJP	DGG
4	FERC SUPPLEMENTAL FILING	10/2017	DP	RJP	DGG
5	ISSUED FOR IMPLEMENTATION PLAN	05/2018	RJR	RJP	DGG

DRAWN BY	DATE	APPROVALS	DATE
DP	03/2017	DGG	07/2017
CHECKED BY		DGG	
RJP	03/2017	DGG	07/2017
ENG. APPROVAL		DGG	07/2017
P.M. APPROVAL		DGG	07/2017
JEW	07/2017	DGG	07/2017

PREPARED FOR

PREPARED BY

**M M**  
MOTT MACDONALD

SCALE PLAN: 1" = 200'  
 SCALE PROFILE H: 1" = 200'  
 SCALE PROFILE V: 1" = 200'

CLIENT APPROVAL

DATE

DATE

SPIRE STL PIPELINE PROJECT

ALIGNMENT SHEET

PROPOSED 24-INCH DIAMETER PIPELINE

JERSEY COUNTY, ILLINOIS

STA. 2278+11 TO STA. 2327+38

SCALE: 1" = 200'    DRAWING NO.: STLP-A-050    REVISION: 5