



19100 RIDGEWOOD PARKWAY
SAN ANTONIO, TX 78259

BEULAH STATION

NEW 4.1 MILE 10" ZAP TO BEULAH
ASBUILT PIPELINE ALIGNMENT



VICINITY MAP
NOT TO SCALE

MERCER COUNTY, NORTH DAKOTA

DRAWING LIST

DRAWING NUMBER	DESCRIPTION	DISCIPLINE
BB-ALI-1001	ALIGNMENT SHEET - STA 1+00 - 50+00	PIPING
BB-ALI-1002	ALIGNMENT SHEET - STA 50+00 - 99+00	PIPING
BB-ALI-1003	ALIGNMENT SHEET - STA 99+00 - 148+00	PIPING
BB-ALI-1004	ALIGNMENT SHEET - STA 148+00 - 197+00	PIPING
BB-ALI-1005	ALIGNMENT SHEET - STA 197+00 - 215+00	PIPING
BB-BOR-2001	BORE SHEET - STA 154+65 - 160+00	PIPING
BB-BOR-2001	BORE SHEET - STA 203+50 - 208+50	PIPING
BB-TLY-1006	PIPE TALLY	PIPING
BB-TLY-1007	PIPE TALLY	PIPING
BB-TLY-1008	PIPE TALLY	PIPING
BB-TLY-1009	PIPE TALLY	PIPING
BB-TLY-1010	PIPE TALLY	PIPING
BB-TLY-1011	PIPE TALLY	PIPING
BB-TLY-1012	PIPE TALLY	PIPING
BB-TLY-1013	PIPE TALLY	PIPING
BB-TLY-1014	PIPE TALLY	PIPING
BB-TLY-1015	PIPE TALLY	PIPING
BB-TLY-1016	PIPE TALLY	PIPING
BB-GA-2001	SITE PLAN	PIPING
BB-GA-2100	SITE PLAN	PIPING
BB-MISC-9000	BARRED TEE DETAIL	PIPING

EDK TECHNICAL
COMPANY, Inc.

79579 COUNTRY CLUB DR.
BERMUDA DUNES, CA 92203
PH: (760) 610-0100

TRACT NUMBER OWNERSHIP/AGENCY

OWNER: DELVIN REICH
NW4 SEC. 1, T143N, R89W

OWNER: TOMMY & JUDY BEUCLER
NE4 SEC. 2, T143N, R89W

OWNER: JACK & MARDEE REICH
NE4 & SE4 SEC. 35, T144N, R89W

HORIZONTAL DATUM: NAD83(1992)
COORDINATE SYSTEM:
UTM ZONE 13 (US FEET)

STATIONING

BEGIN NEW TESORO 10" PIPELINE STATION	POINT OF INFLECTION STATION	POINT OF INFLECTION STATION	POINT OF INFLECTION STATION
1+00	9+13	11+85	14+21
POINT OF INFLECTION STATION			
1+01			
POINT OF INFLECTION STATION			
1+64			
POINT OF INFLECTION STATION			
2+06			

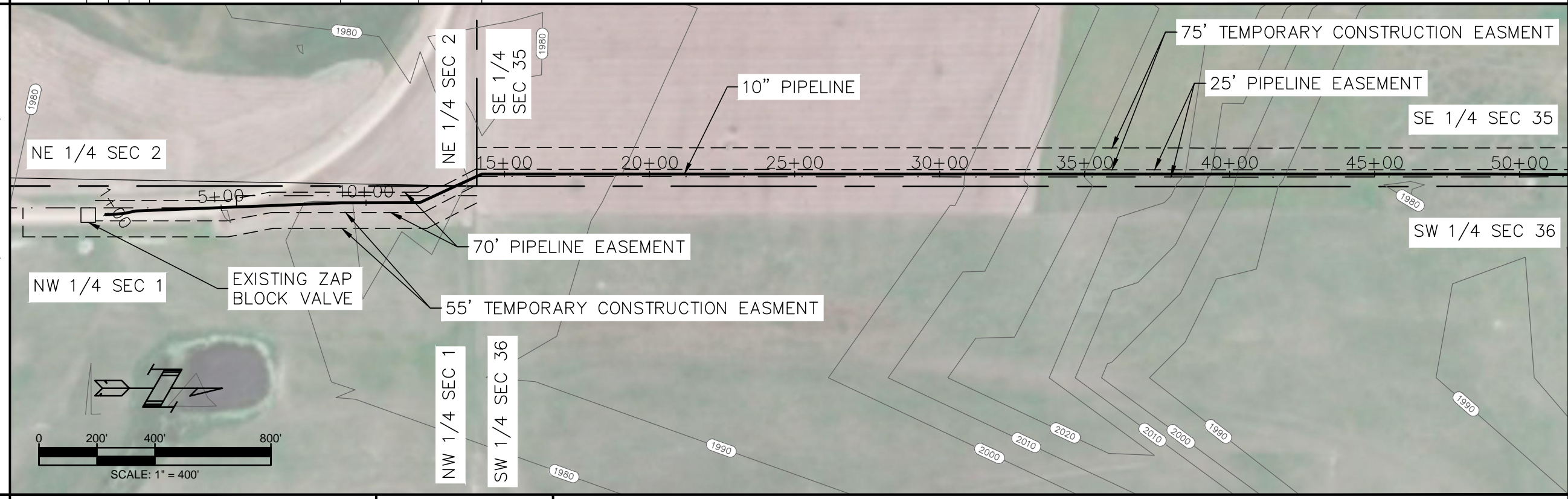
LEGEND

EXISTING PIPELINE
PERMANENT ROW
SECTION LINE
PROPERTY LINE
FENCE
BURIED CABLE
FOREIGN PIPELINE

SECTION CALLOUT
3
#

ABOVE GROUND MARKER (AGM)

PIPELINE PLAN (SCALE AS SHOWN)



PIPE TALLY

1+00 TO 50+00
.250 WT GR. API 5L X52
PIPE WITH 14-16 MILS
FBE:
4900'-0"

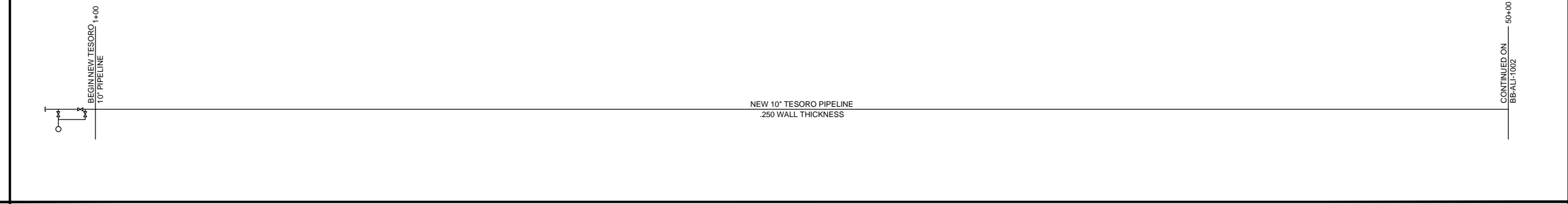
PLSS CALLOUTS

SECTION 1, T 143 N, R 89 W SECTION 2, T 143 N, R 89 W SECTION 35, T 144 N, R 89 W

PIPELINE SCHEMATIC & DETAILS

HEAVYWALL PIPE
CASING PIPE
CONCRETE COATING
INDUCTION BEND

MATERIAL

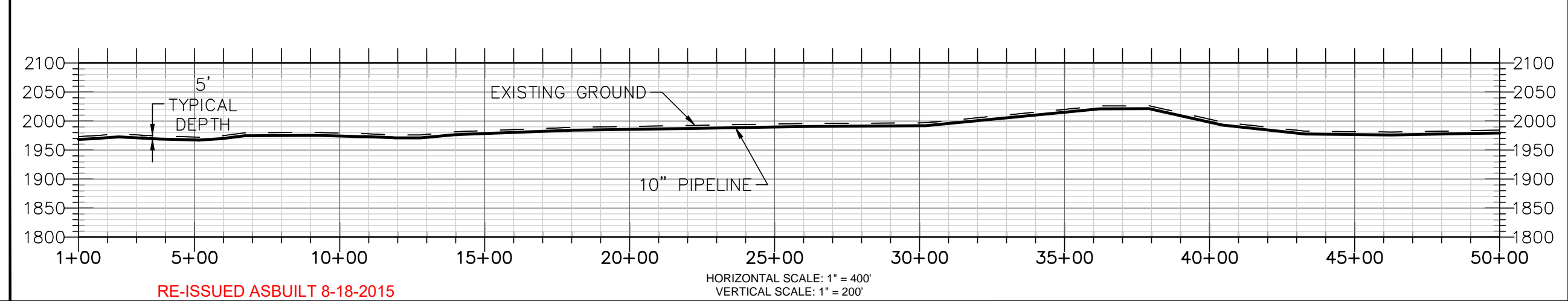


LEGEND

GROUND PROFILE
EXISTING PIPE
NEW PIPE

NOTE: STATIONING IS BASED ON HORIZONTAL DISTANCES.

PROFILE



RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE	
NEW 10" LINE ALIGNMENT SHEET BEULAH BASIN STATION 1+00-50+00		CLIENT CONTRACT NUMBER: CONT		4/8/14	
DRAWN		CAD FILE: FILE		BY	
CHECKED		APPROVED		DATE	
PREPARED BY:		EDK TECHNICAL COMPANY, Inc.		DATE	
SCALE: 1" = 400'		DWG: BB-ALI-1001		DATE	
REV: 2		E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Profile\Auto Cad Files\10000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		DATE	
NO.		DESCRIPTION		DATE	
1		ASBUILT		11/21/14	
2		RE-ISSUED ASBUILT		8/18/15	
NO.		TITLE		DATE	
				8/18/2015	
				BY	
				CHK	
				APP	
				DATE	
				DATE	
				DATE	

TRACT NUMBER OWNERSHIP/AGENCY	OWNER: JACK & MARDEE REICH E1/2 SEC. 35, T144N, R89W	OWNER: CLARENCE K. SAYLER & ROSELLA SAYLER SE 1/4, SEC. 26, T144N, R88W	OWNER: CLARENCE K. SAYLER & ROSELLA SAYLER SW 1/4, SEC. 25, T144N, R89W	OWNER: GERALD & CONNIE BEIBER E 1/2, SEC. 25, T144N, R89W
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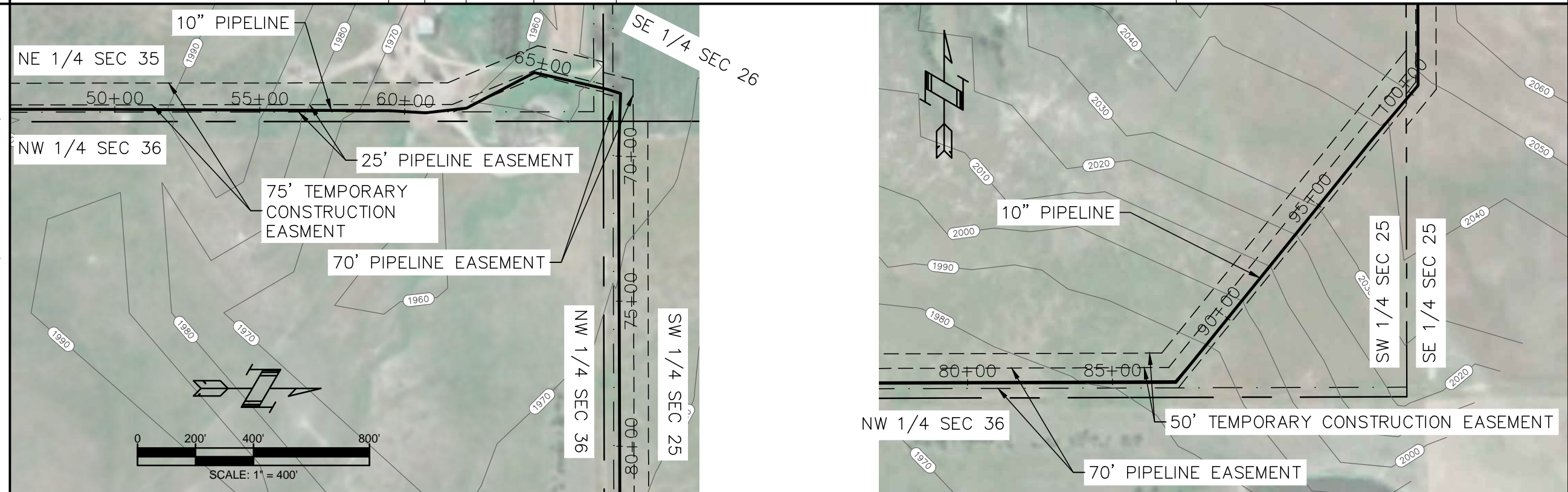
HORIZONTAL DATUM: NAD83(1992) COORDINATE SYSTEM: UTM ZONE 13 (US FEET)	STATIONING	POINT OF INFLECTION STATION 59+46	POINT OF INFLECTION STATION 60+72	POINT OF INFLECTION STATION 62+14	POINT OF INFLECTION STATION 64+78	POINT OF INFLECTION STATION 69+90	POINT OF INFLECTION STATION 87+17
		67+22	68+80	69+74			

LEGEND

- EXISTING PIPELINE
- PERMANENT ROW
- SECTION LINE
- PROPERTY LINE
- FENCE
- BURIED CABLE
- FOREIGN PIPELINE

SECTION CALLOUT
3
#

ABOVE GROUND MARKER (AGM)



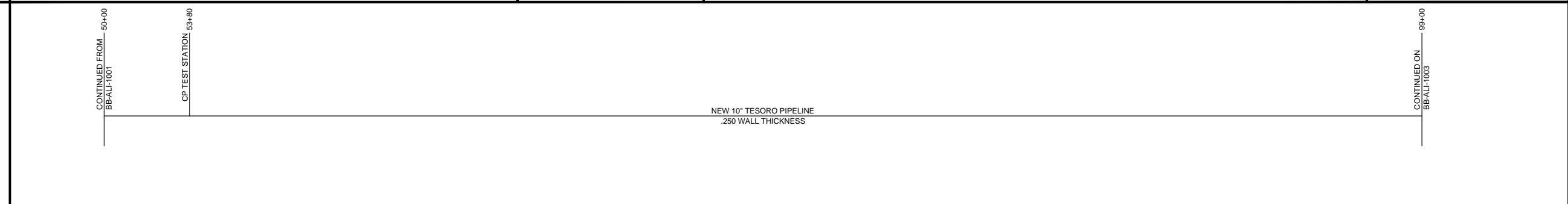
PIPE TALLY

1+00 TO 50+00
.250 WT GR. API 5L X52
PIPE WITH 14-16 MILS
FBE:
4900'-0"

PLSS CALLOUTS	SECTION 35, T 144 N, R 89 W	SECTION 26, T 144 N, R 89 W	SW 1/4 SECTION 25, T 144 N, R 89 W	E 1/2 SECTION 25, T 144 N, R 89 W
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PIPELINE SCHEMATIC & DETAILS

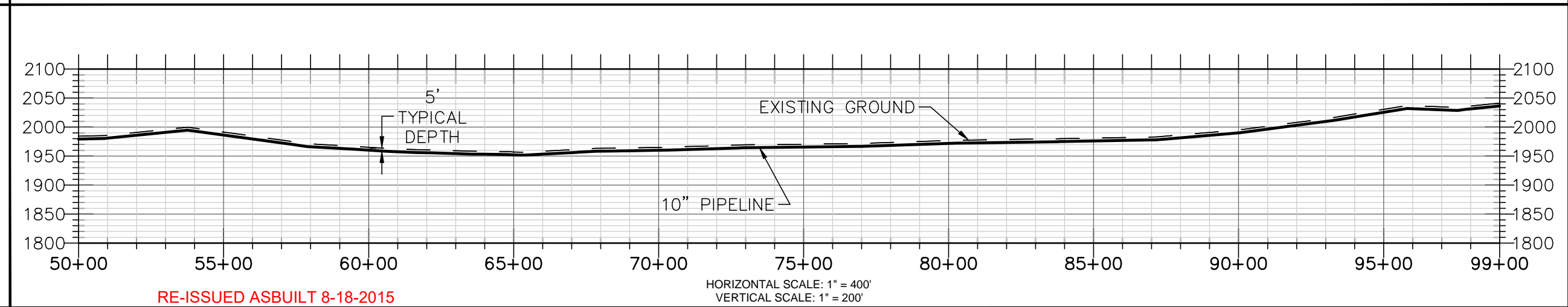
- HEAVYWALL PIPE
- CASING PIPE
- CONCRETE COATING
- INDUCTION BEND



LEGEND

- GROUND PROFILE
- EXISTING PIPE
- NEW PIPE

NOTE: STATIONING IS BASED ON HORIZONTAL DISTANCES.



REVISIONS

NO.	DATE	BY	CHK	DATE	APP	DATE
1	11/21/14	ITC				
2	8/18/15	ITC				

REFERENCE DRAWINGS

NO.	DESCRIPTION	TITLE
1	ASBUILT	
2	RE-ISSUED ASBUILT	

EDK TECHNICAL COMPANY, Inc.

TESORO LOGISTICS OPERATIONS LLC.
NEW 10" LINE ALIGNMENT SHEET
BEULAH BASIN
STATION 50+00-90+00
SCALE: 1" = 400'

REC. JOB NUMBER: JOB
CLIENT CONTRACT NUMBER: CONT
CAD FILE: FILE

DATE: 4/8/14
BY: ITC

DRAWN: ITC
CHECKED: ITC
APPROVED: ITC
PREPARED BY: ITC

DWG: BB-ALI-1002
REV: 2

E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Pipeline\Auto Cad Files\10000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG

RE-ISSUED ASBUILT 8-18-2015

HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 200'

TRACT NUMBER
OWNERSHIP/AGENCY

OWNER: CLARENCE K. SAYLER &
ROSELLA SAYLER
SW 1/4, SEC. 25, T144N, R89W

OWNER: GERALD & CONNIE BEIBER
E 1/2, SEC. 25, T144N, R89W

HORIZONTAL DATUM: NAD83(1992)
COORDINATE SYSTEM:
UTM ZONE 13 (US FEET)

STATIONING

POINT OF INFLECTION
STATION
100+36

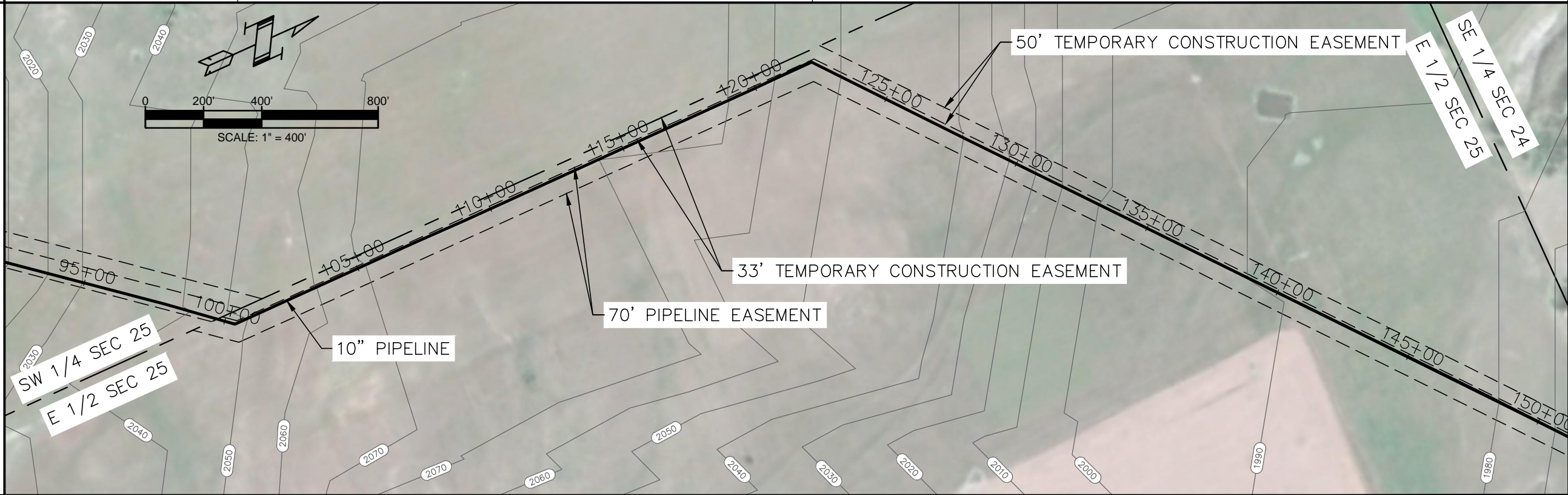
POINT OF INFLECTION
STATION
122+11

LEGEND
EXISTING PIPELINE
PERMANENT ROW
SECTION LINE
PROPERTY LINE
FENCE
BURIED CABLE
FOREIGN PIPELINE

SECTION CALLOUT
3
#

ABOVE GROUND
MARKER (AGM)

PIPELINE PLAN (SCALE AS SHOWN)



PIPE TALLY
1+00 TO 50+00
.250 WT GR. API 5L X52
PIPE WITH 14-16 MILS
FBE:
4900'-0"

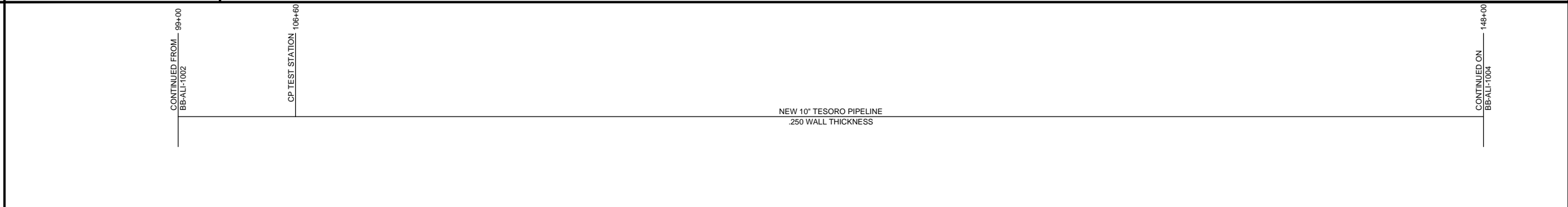
PLSS CALLOUTS

SW 1/4 SECTION 25, T 144 N, R 89 W

E 1/2 SECTION 25, T 144 N, R 89 W

PIPELINE SCHEMATIC & DETAILS
HEAVYWALL PIPE
CASING PIPE
CONCRETE COATING
INDUCTION BEND

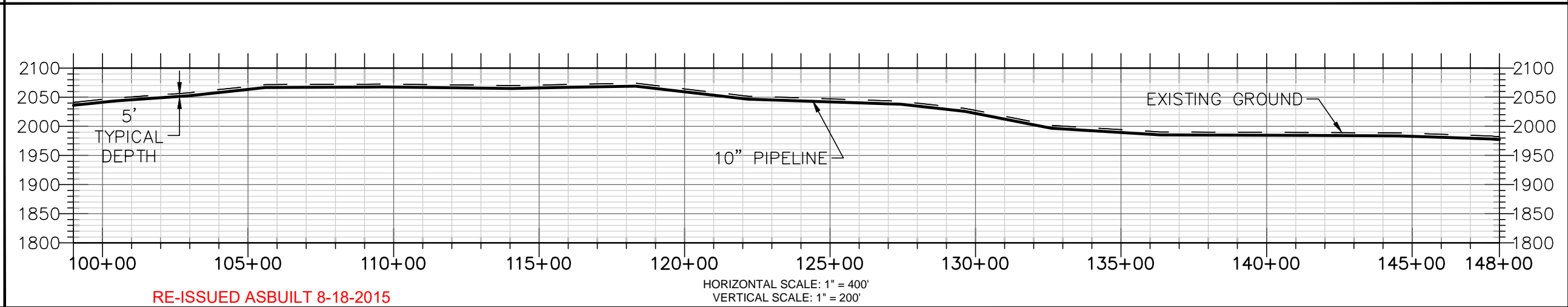
MATERIAL



LEGEND
GROUND PROFILE
EXISTING PIPE
NEW PIPE

NOTE: STATIONING IS BASED ON
HORIZONTAL DISTANCES.

PROFILE



RE-ISSUED ASBUILT 8-18-2015

HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 200'

REVISED		DATE		BY		CHK		DATE		APP	
NO.	DESCRIPTION	NO.	DATE	BY	CHK	DATE	APP	NO.	DATE	APP	DATE
1	ASBUILT										
2	RE-ISSUED ASBUILT		8/18/15								

DATE	BY	JOB NUMBER	JOB
4/8/14	ITC	REC. JOB NUMBER	CONTRACT NUMBER
	ITC	CLIENT CONTRACT NUMBER	CONT
	ITC	CAD FILE	FILE

DATE	BY	JOB NUMBER	JOB
	ITC	REC. JOB NUMBER	CONTRACT NUMBER
	ITC	CLIENT CONTRACT NUMBER	CONT
	ITC	CAD FILE	FILE

TESORO LOGISTICS OPERATIONS LLC.
NEW 10" LINE
ALIGNMENT SHEET
BEULAH BASIN
STATION 99+00-148+00
DWG: BB-ALI-1003
SCALE: 1" = 400'

EDK TECHNICAL COMPANY, Inc.
PREPARED BY:
8/18/2015

E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Pipeline Auto Cad Files\10000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG

TRACT NUMBER OWNERSHIP/AGENCY	OWNER: GERALD & CONNIE BEIBER E 1/2, SEC. 25, T144N, R89W	OWNER: GERALD & CONNIE BEIBER NW 1/4, SEC. 30, T144N, R89W	OWNER: DALE REINHARDT & MILDA FREI S 1/2 S 1/2, SEC. 19, T144N, R88W	OWNER: NORTH AMERICAN COAL CO. N 1/2 S 1/2 & S 1/2 N1/2, SEC. 19, T144N, R88W
	153+45	155+26	183+46	

HORIZONTAL DATUM: NAD83(1992) COORDINATE SYSTEM: UTM ZONE 13 (US FEET)	POINT OF INFLECTION STATION 151+45	POINT OF INFLECTION STATION 152+25	POINT OF INFLECTION STATION 154+33	POINT OF INFLECTION STATION 154+76	POINT OF INFLECTION STATION 159+89	POINT OF INFLECTION STATION 160+55	POINT OF INFLECTION STATION 164+32	POINT OF INFLECTION STATION 168+48	POINT OF INFLECTION STATION 173+15	POINT OF INFLECTION STATION 180+26	POINT OF INFLECTION STATION 195+02
	STATIONING										

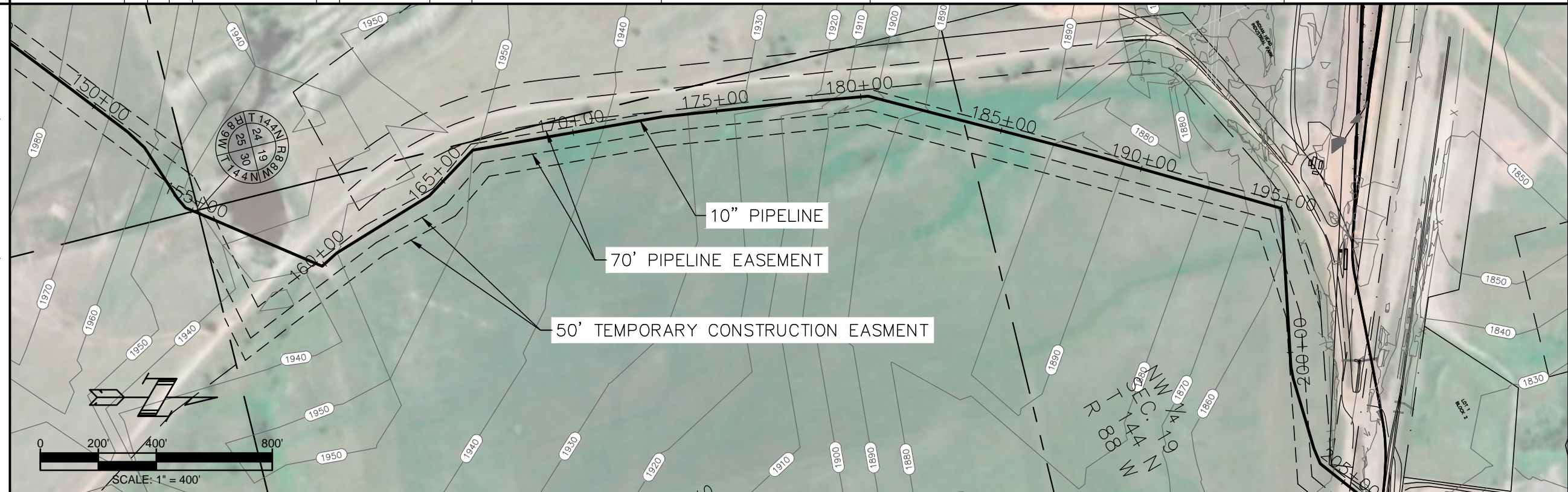
LEGEND

- EXISTING PIPELINE
- PERMANENT ROW
- SECTION LINE
- PROPERTY LINE
- FENCE
- BURIED CABLE
- FOREIGN PIPELINE

SECTION CALLOUT: 3 #

PIPE TALLY

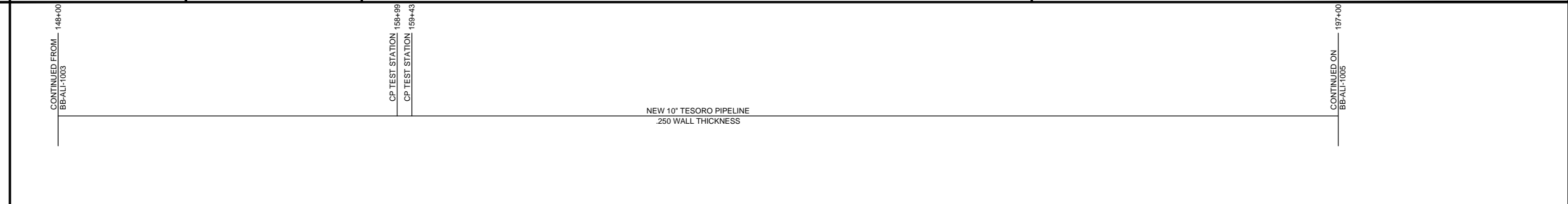
1+00 TO 50+00
.250 WT GR. API 5L X52
PIPE WITH 14-16 MILS
FBE:
4900'-0"



PLSS CALLOUTS	NE 1/4 SECTION 25, T 144 N, R 89 W	NW 1/4 SECTION 30, T 144 N, R 88 W	SW 1/4 SECTION 19, T 144 N, R 88 W	NW 1/4 SECTION 19, T 144 N, R 88 W
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PIPELINE SCHEMATIC & DETAILS

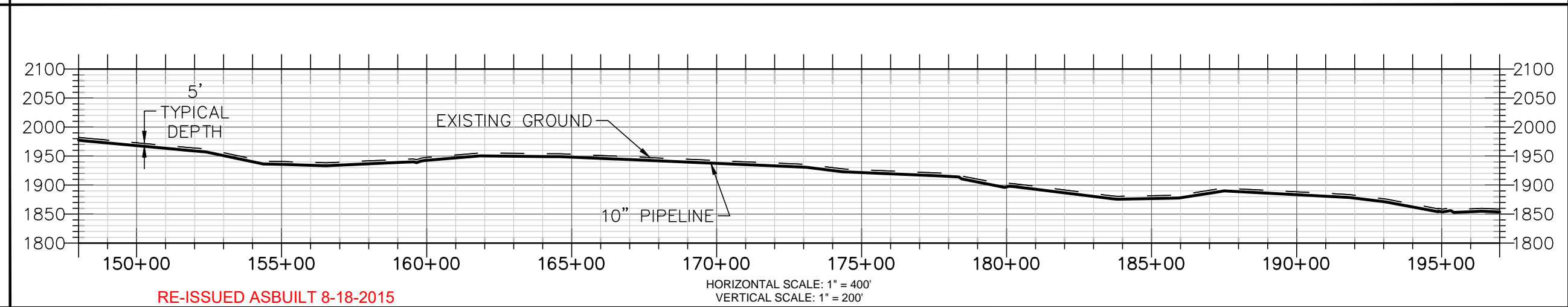
- HEAVYWALL PIPE
- CASING PIPE
- CONCRETE COATING
- INDUCTION BEND



LEGEND

- GROUND PROFILE
- EXISTING PIPE
- NEW PIPE

NOTE: STATIONING IS BASED ON HORIZONTAL DISTANCES.



REVISONS

NO.	DATE	DESCRIPTION
1	11/2/14	ITC
2	8/18/15	RE-ISSUED ASBUILT

REFERENCE DRAWINGS

NO.	TITLE
1	ASBUILT
2	RE-ISSUED ASBUILT

EDK TECHNICAL COMPANY, Inc.

TESORO LOGISTICS OPERATIONS LLC.
NEW 10" LINE ALIGNMENT SHEET
BEULAH BASIN
STATION 148+00-197+00
SCALE: 1" = 400'

DATE: 4/8/14
BY: ITC
DRAWN: ITC
CHECKED: ITC
APPROVED: ITC

REC. JOB NUMBER: JOB
CLIENT CONTRACT NUMBER: CONT
CAD FILE: FILE

DWG: BB-ALI-1004
REV: 2

E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Profile\Auto Cad Files\10000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG

RE-ISSUED ASBUILT 8-18-2015

HORIZONTAL SCALE: 1" = 400'
VERTICAL SCALE: 1" = 200'

TRACT NUMBER
OWNERSHIP/AGENCY

OWNER: BEULAH STATION
NW 1/4, SEC. 19, T144N, R88W

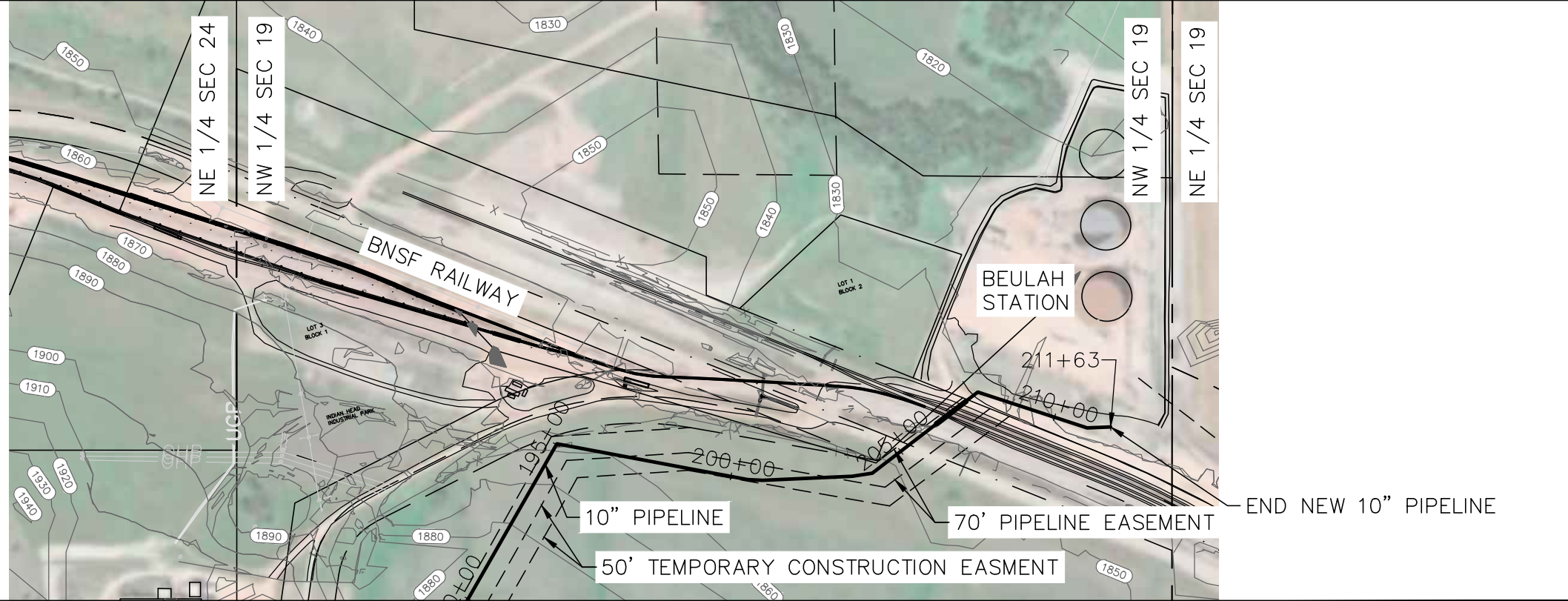
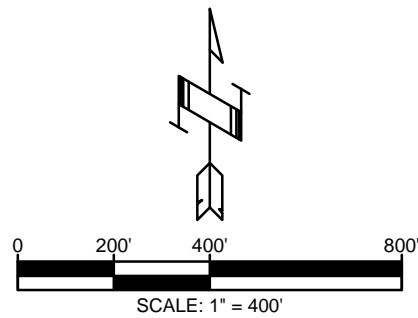
HORIZONTAL DATUM: NAD83(1992)
COORDINATE SYSTEM:
UTM ZONE 13 (US FEET)

STATIONING

LEGEND
EXISTING PIPELINE
PERMANENT ROW
SECTION LINE
PROPERTY LINE
FENCE
BURIED CABLE
FOREIGN PIPELINE
SECTION CALLOUT
3
#

PIPE TALLY
1+00 TO 50+00
.250 WT GR. API 5L X52
PIPE WITH 14-16 MILS
FBE:
1734'-0"

PIPELINE PLAN (SCALE AS SHOWN)

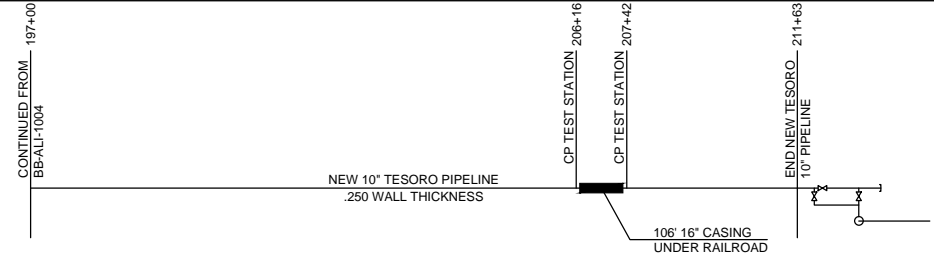


PLSS CALLOUTS

NW 1/4 SECTION 19, T 144 N, R 88 W

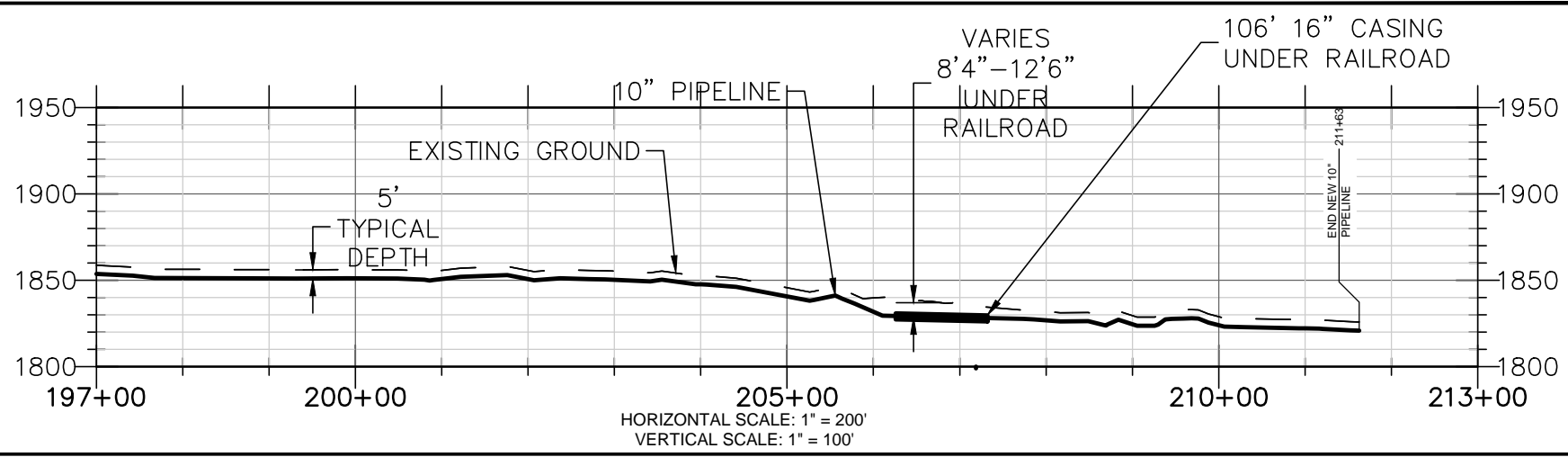
PIPELINE SCHEMATIC & DETAILS
HEAVYWALL PIPE
CASING PIPE
CONCRETE COATING
INDUCTION BEND

MATERIAL



LEGEND
GROUND PROFILE
EXISTING PIPE
NEW PIPE

PROFILE

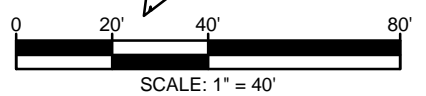
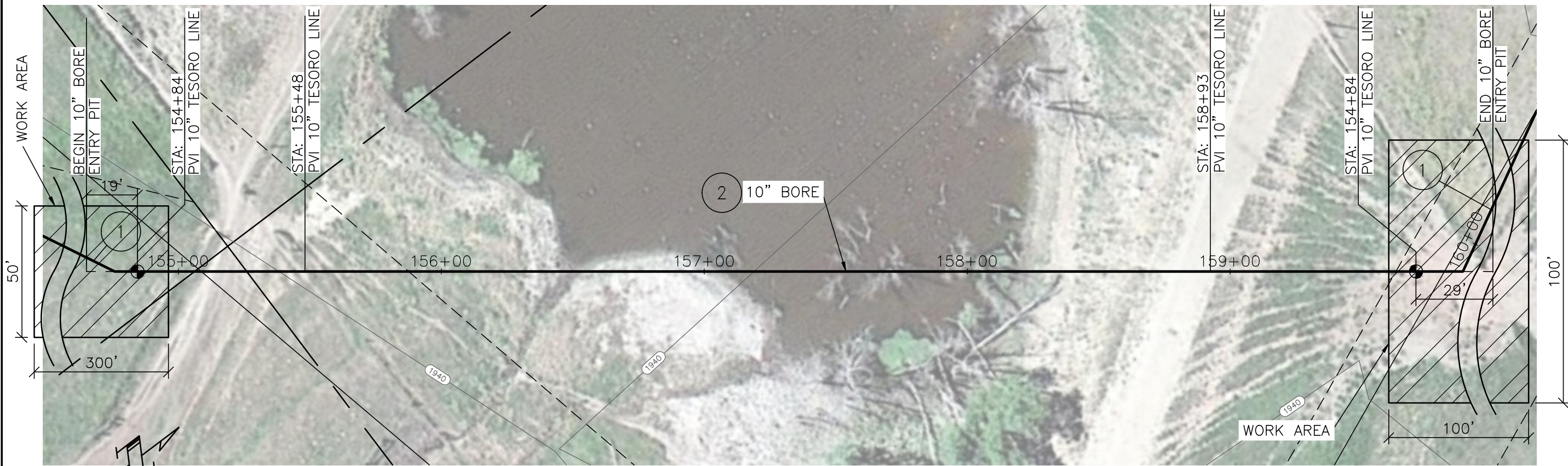


NOTE: STATIONING IS BASED ON HORIZONTAL DISTANCES.

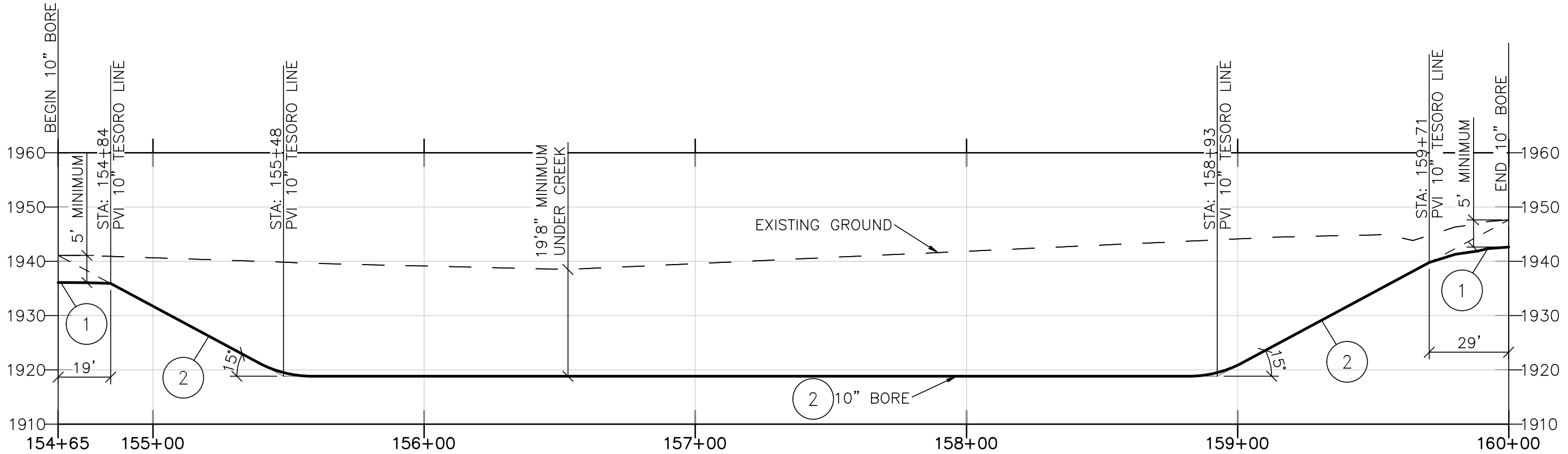
RE-ISSUED ASBUILT 8-18-2015

<p>TESORO LOGISTICS OPERATIONS LLC.</p> <p>NEW 10" LINE ALIGNMENT SHEET BEULAH BASIN STATION 197+00-215+00</p> <p>DWG: BB-AL-1005 REV: 2</p> <p>SCALE: AS NOTED</p>		<p>EDK TECHNICAL COMPANY, Inc.</p>	
<p>DATE: 4/8/14</p> <p>BY: [Signature]</p>	<p>REC. JOB NUMBER: JOB</p> <p>CLIENT CONTRACT NUMBER: CONT</p> <p>CAD FILE: FILE</p>	<p>DATE: 11/21/14</p> <p>BY: [Signature]</p>	<p>REV. NO. 1</p> <p>DESCRIPTION: ASBUILT</p>
<p>DRAWN: [Signature]</p> <p>CHECKED: [Signature]</p> <p>APPROVED: [Signature]</p>	<p>DATE: 8/18/15</p> <p>BY: [Signature]</p>	<p>DATE: 8/18/15</p> <p>CHK: [Signature]</p>	<p>DATE: [Blank]</p> <p>APP: [Blank]</p>
<p>TESORO LOGISTICS</p>		<p>EDK</p>	

E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Profile\Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG



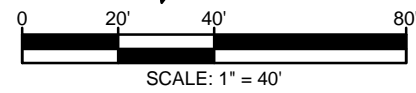
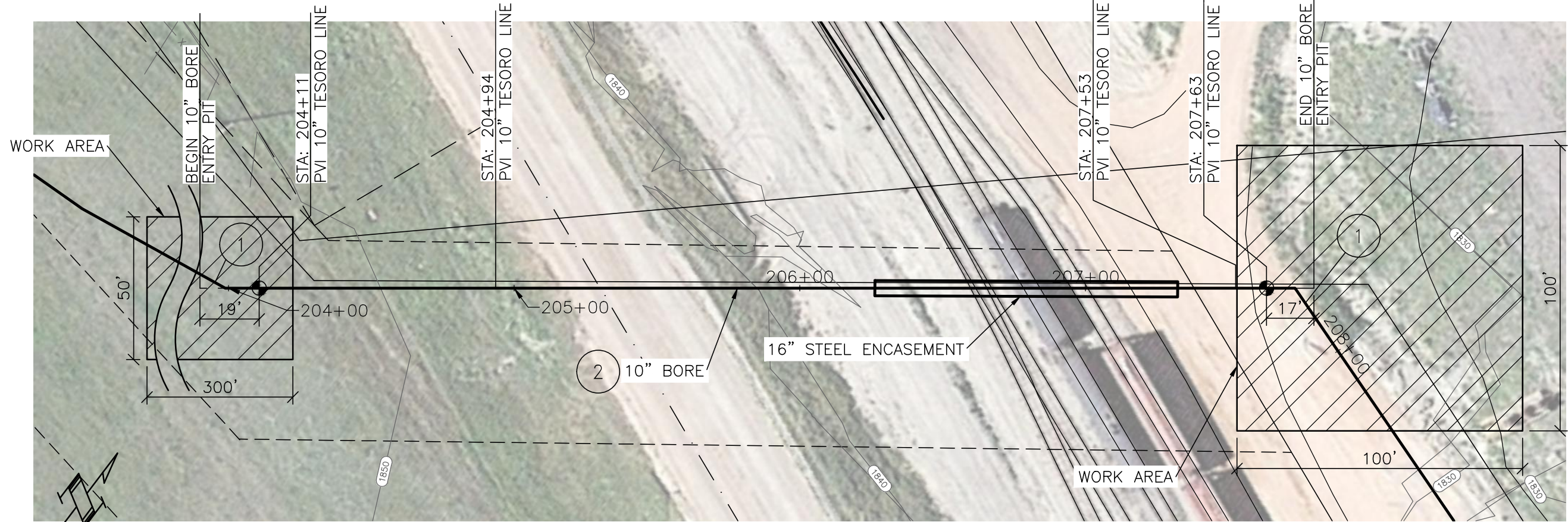
BILL OF MATERIAL - STA: 154+65 TO 160+00					
MARK	QTY	SIZE	DESCRIPTION	LENGTH	
1	1	10"	PIPE, .250 WALL, API 5L, X-52, WITH 14-16 MILS FBE	48'	
2	1	10"	PIPE, .365 WALL, API 5L, X-52, WITH 14-16 MILS FBE, & WITH 30-40 MILS POWERCRETE "J" COATING OR EQUAL	535'	



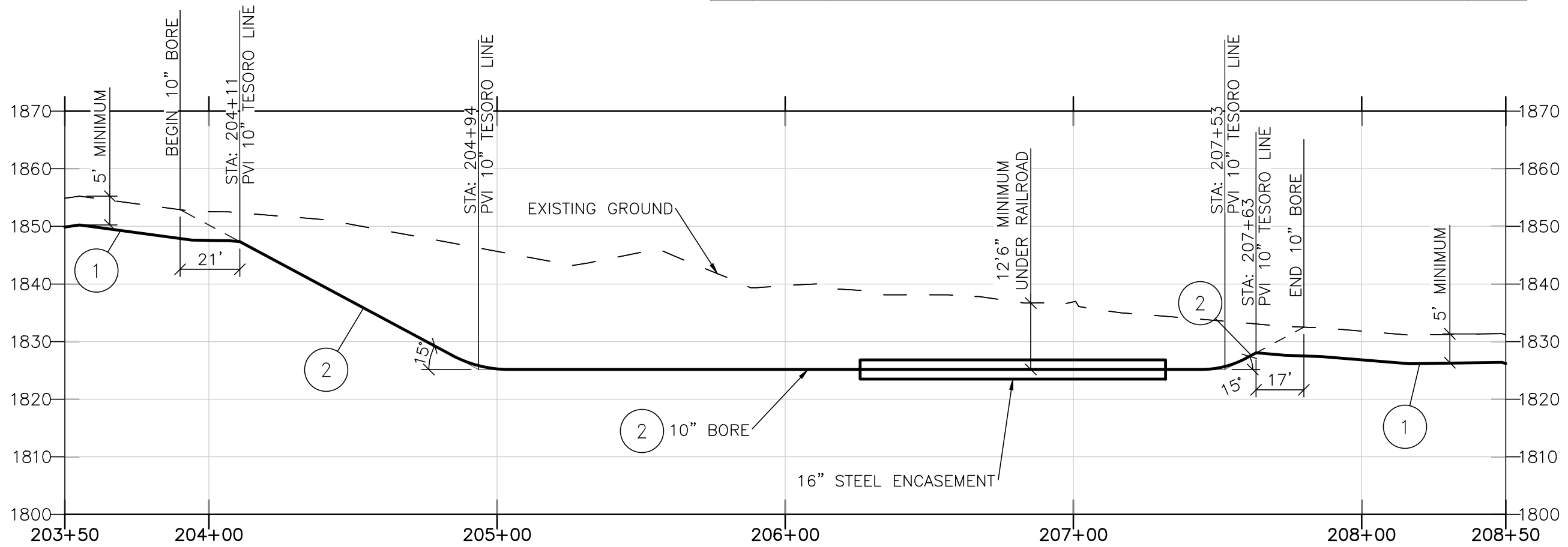
RE-ISSUED ASBUILT 8-18-2015

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 20'

TESORO LOGISTICS OPERATIONS LLC. TESORO LOGISTICS NEW 10" LINE BORE PROFILE BEULAH BASIN STATION 154+65 TO 160+00 DWG: BB-BOR-3001 REV: 2 SCALE: 1" = 40'		REC. JOB NUMBER: JOB CLIENT CONTRACT NUMBER: CONT CAD FILE: FILE		DATE 11/13/14 BY: ITC CHECKED: ITC APPROVED: ITC		REVISIONS 0 ISSUED FOR CONSTRUCTION ITC 4/14/14 1 ASBUILT ITC 11/21/14 2 RE-ISSUED ASBUILT ITC 8/9/15	
PREPARED BY: EDK TECHNICAL COMPANY, Inc. E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Profile Auto Cad Files\2000 - ASBUILT BORES.DWG				DRAWING NO.		TITLE	
TESORO LOGISTICS OPERATIONS LLC.		EDK TECHNICAL COMPANY, Inc.		DATE 8/18/2015		BY: ITC CHECKED: ITC APPROVED: ITC	



BILL OF MATERIAL - STA: 203+50 TO 208+50				
MARK	QTY	SIZE	DESCRIPTION	LENGTH
1	1	10"	PIPE, .250 WALL, API 5L, X-52, WITH 14-16 MILS FBE	148'
2	1	10"	PIPE, .250 WALL, API 5L, X-52, WITH 14-16 MILS FBE, WITH POWERCRETE "J" COATING OR EQUAL	352'



HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 20'

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC. NEW 10" LINE BORE PROFILE BEULAH BASIN STATION 203+50 TO 208+50 DWG: BB-BOR-3002 SCALE: 1" = 40'		REC. JOB NUMBER: JOB CLIENT CONTRACT NUMBER: CONT DATE: 11/13/14 DRAWN: ITC CHECKED: ITC APPROVED: ITC PREPARED BY: ITC		EDK TECHNICAL COMPANY, Inc. E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Profile Auto Cad Files\2000 - ASBUILT BORES.DWG	
TESORO LOGISTICS		REVISIONS 0 ISSUED FOR CONSTRUCTION 1 ASBUILT 2 RE-ISSUED ASBUILT		REVISIONS ITC 4/14/14 ITC 11/21/14 ITC 8/9/15	
TITLE		DESCRIPTION		NO. 8/18/2015 ITO	
DRAWING NO.		BY:		DATE:	
DATE:		CHECK:		APP:	

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
16+17					ML 35		1 2		
	ML-38	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442154			
16+59					ML 36		1 2		
	ML-39	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442154			
17+01					ML 37		1 2		
	ML-40	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442154			
17+43					ML 38		1 2		
	ML-41	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442153			
17+85					ML 39		1 2		
	ML-42	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442152			
18+27					ML 40		1 2		
	ML-43	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442154			
18+69					ML 41		1 2		
	ML-44	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442154			
19+11					ML 42		1 2		
	ML-45	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442154			
19+53					ML 43		1 2		
	ML-46	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442157			
19+95					ML 44		1 2		
	ML-47	TEX ISLE	0.25"	TEX ISLE W.07060 3MG233P 14-16		442154			
20+37					ML 45		1 2		
	ML 48	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
20+79					ML 46		1 2		
	ML 49	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
21+20					ML 47		1 2		
	ML 50	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
21+62					ML 48		1 2		
	ML 51	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
22+04					ML 49		1 2		
	ML 52	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
22+46					ML 50		1 2		
	ML 53	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
22+88					ML 51		1 2		
	ML 54	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
23+30					ML 52		1 2		
	ML 55	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
23+72					ML 53		1 2		
	ML 56	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
24+14					ML 54		1 2		
	ML 57	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
24+56					ML 55		1 2		
	ML 58	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
24+98					ML 56		1 2		
	ML 59	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
25+40					ML 57		1 2	7.6'	
	ML 60	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
25+82					ML 58		1 2		
	ML 61	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
26+24					ML 59		1 2		
	ML 62	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
26+66					ML 60		1 2		
	ML 63	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
27+08					ML 61		1 2		
	ML 64	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
27+50					ML 62		1 2		
	ML 65	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
27+92					ML 63		1 2		
	ML 66	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
28+34					ML 64		1 2		
	ML 67	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
28+76					ML 65		1 2		
	ML 68	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
29+18					ML 66		1 2		
	ML 69	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
29+60					ML 67		1 2		
	ML 70	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
30+02					ML 68		1 2		
	ML 71	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
30+44					ML 69		1 2		
	ML 72	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
30+86					ML 70		1 2		
	ML 73	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
31+27					ML 71		1 2		
	ML 74	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
31+69					ML 72		1 2		
	ML 75	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
32+11					ML 73		1 2		
	ML 76	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
32+52					ML 74		1 2		
	ML 77	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
32+94					ML 75		1 2		
	ML 78	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
33+35					ML 76		1 2		
	ML 79	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
33+77					ML 77		1 2		
	ML 80	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
34+19					ML 78		1 2		
	ML 81	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
34+61					ML 79		1 2		
	ML 82	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
35+03					ML 80		1 2		
	ML 83	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
35+45					ML 81		1 2		
	ML 84	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
35+87					ML 82		1 2		
	ML 85	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
36+29					ML 83		1 2	9'	
	ML 86	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
36+70					ML 84		1 2		
	ML 87	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE		BY		11/21/14		REVISIONS	
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT		4/9/14		ITC		ITC		8/18/15	
TESORO LOGISTICS		CAD FILE: FILE		-		-		-		-	
SCALE: AS NOTED		DRAWING NO.		-		-		-		-	
Dwg: BB-TLY-1007		REV: 2		-		-		-		-	
E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\PipeLine Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		EDK TECHNICAL COMPANY, Inc.		-		-		-		-	
8/18/2015		TITLE		-		-		-		-	
NO.		DESCRIPTION		-		-		-		-	
8/18/2015		DESCRIPTION		-		-		-		-	
BY		DATE		-		-		-		-	
CHK		DATE		-		-		-		-	
APP		DATE		-		-		-		-	

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
37+12					ML 85		1 2		
	ML 88	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
37+54					ML 86		1 2		
	ML 89	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
37+95					ML 87		1 2		
	ML 90	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
38+36					ML 88		1 2		
	ML 91	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
38+78					ML 89		1 2		
	ML 92	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
39+20					ML 90		1 2		
	ML 93	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
39+46									PI#10, Approx. Qtr Line X-ing
39+62					ML 91		1 2		
	ML 94	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
40+03					ML 92		1 2		
	ML 95	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
40+45					ML 93		1 2		
	ML 96	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
40+87					ML 94		1 2		
	ML 97	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
41+29					ML 95		1 2		
	ML 98	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
41+71					ML 96		1 2		
	ML 99	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
42+13					ML 97		1 2		
	ML 100	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
42+55					ML 98		1 2		
	ML 101	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
42+97					ML 99		1 2		
	ML 102	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
43+38					ML 100		1 2		
	ML 103	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
43+80					ML 101		1 2		
	ML 104	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
44+22					ML 102		1 2		
	ML 105	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442153			
44+64					ML 103		1.000000		
	ML 106	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
45+06					ML 104		1 2		
	ML 107	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
45+48					ML 105		1 2		
	ML 108	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		144949			
45+90					ML 106		1 2		
	ML 109	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
46+32					ML 107		1 2		
	ML 110	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
46+74					ML 108		1 2		
	ML 111	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
47+16					ML 109		1 2		
	ML 112	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
47+58					ML 110		1 2		
	ML 113	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
48+00					ML 111		1 2		PI#11
	ML 114	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148		8'	
48+41					ML 112		1 2		
	ML 115	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
48+83					ML 113		1 2		
	ML 116	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
49+25					ML 114		1 2		
	ML 117	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
49+67					ML 115		1 2		
	ML 118	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
50+09					ML 116		1 2		
	ML 119	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
50+51					ML 117		1 2		
	ML 120	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
50+93					ML 118		1 2		
	ML 121	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442149			
51+34					ML 119		1 2		
	ML 122	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
51+76					ML 120		1 2		
	ML 123	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		144949			
52+18					ML 121		1 2		
	ML 124	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
52+59					ML 122		1 2		
	ML 125	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
53+01					ML 123		1 2		
	ML 126	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
53+43					ML 124		1 2		
	ML 127	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
53+85					ML 125		1 2		
	ML 128	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
54+27					ML 126		1 2		
	ML 129	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
54+69					ML 127		1 2		
	ML 130	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442148			
55+10					ML 128		1 2		
	ML 131	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
55+52					ML 129		1 2		
	ML 132	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			
55+94					ML 130		1 2		
	ML 133	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
56+36					ML 131		1 2	7'	
	ML 134	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442154			
56+78					ML 132		1 2		
	ML 135	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
57+19					ML 133		1 2		
	ML 136	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442157			
57+61					ML 134		1 2		
	ML 137	TEX ISLE	0.25"	TEX ISLE X.0-17060 3MG233P 14-16		442152			

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE		BY		11/21/14		REVISIONS	
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT		4/9/14		ITC		ITC		11/21/14	
TESORO LOGISTICS		CAD FILE: FILE		-		-		-		8/18/15	
SCALE: AS NOTED		DRAWING NO.		-		-		-		NO.	
Dwg: BB-TLY-1008		EDK TECHNICAL COMPANY, Inc.		-		-		-		DATE	
E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Pipeline Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		REV: 2		-		-		-		DATE	
		PREPARED BY:		-		-		-		DATE	
		DRAWN		-		-		-		DATE	
		CHECKED		-		-		-		DATE	
		APPROVED		-		-		-		DATE	
		TITLE		-		-		-		DATE	
		DESCRIPTION		-		-		-		DATE	
		NO.		-		-		-		DATE	
		DRAWING NO.		-		-		-		DATE	

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
58+03				TEX ISLE X.0-17060 3MG233P 14-16	ML 135		1 2		
	ML 138	TEX ISLE	0.25"			442154			
58+46					TI18		121212.00000 0		PI#12
	ML 142	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442154			
58+88					ML 196		1 2		
	ML 143	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442154			
59+30					ML 197		1 2		
	ML 144	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442154			
59+72					TI19		121212.00000 0		PI#13
	ML 139	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442148			
60+14					ML 194		1 2	8.1'	
	ML 140	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442148			
60+56					ML 195		1 2		
	ML 141	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442157			
60+98					TI20				
	N/A	N/A	N/A	N/A					
61+13					TI21				
61+14									PI#14, 22.5° Elbow
61+15					TI22				
	N/A	N/A	N/A	N/A					
61+22					TI23				
	ML 145	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442154			
61+62					ML 198		1 2		
	ML 146	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442148			
62+04					ML 199		1 2		
	ML 147	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442154			
62+46					ML 200		1 2		
	ML 148	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442154			
62+88					ML 201		1 2		
	ML 149A	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442148			
63+30					ML 202		1 2		
	ML 149B	TEX ISLE	0.25"	TEX ISLW.0-170603MG233P 14-16		442154			
63+70					TI30		121212.00000 0		
	N/A	N/A	N/A	N/A					
63+78					TI26		N/A		PI#15
63+80					TI27		N/A		
	N/A	N/A	N/A	N/A					
63+86					TI31		121212.00000 0		
	ML 149C	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442154		6.5'	
64+22					ML 203		2 1		
	ML 149D	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		144949			
64+64					ML 204		2 1		
	ML 149E	TEX ISLE	0.25"	TEX ISLE W.017060 3MG233P 14-16		442157			
65+06					ML 205		2 1		
	ML 149F	TEX ISLE	0.25"	TEX ISLEW.0170603MG233P 14-16		442154			
65+48					ML 206		2 1		
	ML 149G	TEX ISLE	0.25"	TEX ISLE W.017060 3MG233P 14-16		442154			
66+22								8'	PI#16, Approx. Sec Line X-ing
	N/A	N/A	N/A	N/A					
66+35					ML206				PI#17
	N/A	N/A	N/A	N/A					

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
66+74					TI28		121212.00000 0		
	N/A	N/A	N/A	N/A					
66+82					TI24		121212.00000 0		
66+84									PI#18
66+87					TI25		121212.00000 0		
	149K	TEX ISLE	0.25"	N/A		442154			
67+29					296.000000		N/A		
	149L	TEX ISLE	0.25"	N/A		141506			
67+71					297.000000		N/A		
67+80									PI#19, Approx. Sec Line X-ing
	149M	TEX ISLE	0.25"	N/A		144949			
68+13					298.000000		N/A		
	149N	TEX ISLE	0.25"	N/A		141508			
68+55					299.000000		N/A		
	149P	TEX ISLE	0.25"	N/A		141506			
68+90					TI17		N/A		PI#20
	ML 150	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148		7.6'	
69+33					ML 136		2 1		
	ML 151	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
69+74					ML 137		2 1		
	ML 152	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442157			
70+16					ML 138		2 1		
	ML 153	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
70+58					ML 139		2 1		
	ML 154	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
71+00					ML 140		2 1		
	ML 155	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		144949			
71+42					ML 141		2 1		
	ML 156	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
71+84					ML 142		2 1		
	ML 157	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442157			
72+26					ML 143		2 1		
	ML 158	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
72+68					ML 144		2 1		
	ML 159	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
73+09					ML 145		2 1		
	ML 160	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442157			
73+51					ML 146		2 1		
	ML 161	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
73+93					ML 147		2 1		
	ML 162	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
74+35					ML 148		2 1		
	ML 163	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
74+77					ML 149		2 1		
	ML 164	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
75+19					ML 150		2 1		
	ML 165	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
75+61					ML 151		2 1		
	ML 166	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
76+03					ML 152		2 1		
	ML 167	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE		BY		REVISIONS	
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT		4/9/14		ITC		11/21/14	
TESORO LOGISTICS		CAD FILE: FILE		-		ITC		8/18/15	
EDK TECHNICAL COMPANY, Inc.		PREPARED BY:		-		ITC		-	
SCALE: AS NOTED		DRAWING NO.		-		ITC		-	
REV: 2		TITLE		-		ITC		-	
Dwg: BB-TLY-1009		DESCRIPTION		-		ITC		-	
E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\PipeLine Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		NO.		-		ITC		-	
		DATE		-		ITC		-	
		BY		-		ITC		-	
		DATE		-		ITC		-	
		BY		-		ITC		-	
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		BY		-		ITC		-	
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		BY		-		ITC		-	
		DATE		-		ITC		-</	

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
76+45					ML 153		2 1	7.3'	
	ML 168	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
76+87					ML 154		2 1		
	ML 169	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
77+29					ML 155		2 1		
	ML 170	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
77+71					ML 156		2 1		
	ML 171	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
78+13					ML 157		2 1		
	ML 172	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
78+54					ML 158		2 1		
	ML 173	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
78+96					ML 159		2 1		
	ML 174	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
79+38					ML 160		2 1		
	ML 175	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
79+80					ML 161		2 1		
	ML 176	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141509			
80+22					ML 162		2 1		
	ML 177	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
80+64					ML 163		2 1		
	ML 178	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141504			
81+06					ML 164		2 1		
	ML 179	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141508			
81+47					ML 165		2 1		
	ML 180	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141509			
81+89					ML 166		2 1		
	ML 181	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
82+31					ML 167		2 1		
	ML 182	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
82+73					ML 168		2 1		
	ML 183	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141509			
83+15					ML 169		2 1		
	ML 184	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
83+56					ML 170		2 1		
	ML 185	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
83+98					ML 171		2 1		
	ML 186	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
84+40					ML 172		2 1		
	ML 187	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
84+82					ML 173		2 1		
	ML 188	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141504			
85+24					ML 174		2 1		
	ML 189	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
85+66					ML 175		2 1		
	ML 190	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442148			
86+07					TI5		N/A		
	N/A	N/A	N/A						
86+16					TI4		N/A		
86+17									PI#21, 45° Elbow
86+18					TI3		N/A		
	N/A	N/A	N/A						

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
86+25					TI2		N/A		
	190B	TEX ISLE	0.25"			441506			
86+35									
	ML 191	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141508			
86+80					ML 176		2 1	6.7'	
86+81					#885 ML 176 141508 41.7				
86+82									PI#22
	ML 192	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141508			
87+23					ML 177		2 1		
	ML 193	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141508			
87+64					ML 178		2 1		
	ML 194	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
88+06					ML 179		2 1		
	ML 195	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
88+48					ML 180		2 1		
	ML 196	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
88+90					ML 181		2 1		
	ML 197	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141506			
89+32					ML 226		1 2		
	ML 198	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
89+74					ML 182		2 1		
	ML 199	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442149			
90+15					ML 183		2 1		
	ML 200	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442157			
90+57					ML 184		2 1		
	ML 201	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442153			
90+99					ML 185		2 1		
	ML 202	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		141508			
91+41					ML 186		2 1		
	ML 203	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
91+83					ML 187		2 1		
	ML 204	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442157			
92+24					ML 188		2 1		
	ML 205	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442149			
92+66					ML 189		2 1	7.5'	
	ML 206	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442153			
93+08					ML 190		2 1		
	ML 207	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442157			
93+50					ML 191		2 1		
	ML 208	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442157			
93+91					ML 192		2 1		
	ML 209	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442157			
94+33					ML 193		2 1		
	ML 210	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442152			
94+75					ML 207		2 1		
	ML 211	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442152			
95+17					ML 208		2 1		
	ML 212	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442154			
95+59					ML 209		2 1		
	ML 213	TEX ISLE	0.25"	TEXISLEW.017060 3MG6233P14-16		442149			

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE		BY		11/21/14		REVISIONS	
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT		4/9/14		ITC		8/18/15		ITC	
TESORO LOGISTICS		CAD FILE: FILE		-		-		-		ASBUILT	
SCALE: AS NOTED		DRAWING NO.		-		-		-		RE-ISSUED ASBUILT	
Dwg: BB-TLY-1010		EDK TECHNICAL COMPANY, Inc.		-		-		-		NO.	
REV: 2		E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\PipeLine Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		-		-		-		DESCRIPTION	
				-		-		-		TITLE	
				-		-		-		DATE	
				-		-		-		APP	
				-		-		-		CHK	
				-		-		-		DATE	
				-		-		-		DATE	

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
114+34					ML 252		1 2		
	ML 258	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141506			
114+76					ML		1 2		
	ML 259	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141506			
114+98									PI#28, Approx. Qtr Line X-ing
115+17					ML 254		1 2		
	ML 260	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141509			
115+59					ML 255		1 2		
	ML 261	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
116+01					ML 256		1 2		
	ML 262	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141506			
116+43					ML 257		1 2		
	ML 263	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141508			
116+85					ML 258		1 2		
	ML 264	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141506			
117+27					ML 259		1 2		
	ML 265	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141506			
117+68					ML 260		1 2		
	ML 266	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141506			
118+10					ML 261		1 2		
	ML 267	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141506			
118+51					ML 262		1 2		
	ML 268	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		141509			
118+93					ML 263		1 2	7.5'	PI#29
	ML 269	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442154			
119+35					ML 264		1 2		
	ML 270	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442154			
119+76					ML 265		1 2		
	ML 271	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442154			
120+18					N/A		N/A		
	ML 272	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		144949			
120+60					ML 266		1 2		
	ML 273	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442153			
121+03					TI13		121212.00000 0		
	N/A	N/A	N/A						
121+10					TI14		N/A		
121+12								6.3'	PI#30, 45° Elbow
121+13					TI15		N/A		
	N/A	N/A	N/A						
121+20					TI16		N/A		
	ML 274	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442157			
121+58					ML 267		1 2		
	ML 275	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442154			
122+00					ML 268		1 2		
	ML 276	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442157			
122+42					ML 269		1 2		
	ML 277	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		144949			
122+84					ML 270		1 2		
	ML 278	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		144949			
123+25					ML 271		1 2		
	ML 279	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		144949			

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
123+67					ML 272		1 2		
	ML 280	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442157			
124+09					ML 273		1 2		
	ML 281	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442154			
124+51					ML 274		1 2		
	ML 282	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		144949			
124+93					ML 275		1 2		
	ML 283	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442152			
125+35					ML 276		1 2		
	ML 284	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442157			
125+77					ML 277		1 2		
	ML 285	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442157			
126+19					ML 278		1 2		
	ML 286	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442152			
126+61					ML 279		1 2		
	ML 287	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442152			
127+03					ML 280		1 2		PI#32
	ML 288	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442157			
127+44					ML 281		1 2		
	ML 289	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
127+86					ML 282		1 2		
	ML 290	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
128+28					ML 283		1 2	5.9	
	ML 291	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
128+70					ML 284		1 2		
	ML 292	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
129+11					ML 285		1 2		
	ML 293	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
129+53					ML 286		1 2		
	ML 294	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
129+95					ML 287		1 2		
	ML 295	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442157			
130+37					ML 288		1 2		
	ML 296	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442157			
130+78					ML 289		1 2		
	ML 297	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
131+20					ML 290		1 2		
	ML 298	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
131+61					ML 291		1 2		
	ML 299	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442152			
132+03					ML 292		1 2		
	ML 300	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442152			
132+45					ML 293		1 2		
	ML 301	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
132+87					ML 294		1 2		
	ML 302	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
133+29					ML 295		1 2	6.4'	
	ML 303	TEX ISLE	0.25"	TEXISLE W.017060 3MG233P 14-16		442148			
133+70					ML300				
	304.000000	TEX ISLE	0.25"	N/A		442154			

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB	DATE	BY	DATE	REVISIONS
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT	4/8/14	ITC	11/21/14	ITC
DING: BB-TLY-1012		CAD FILE: FILE			8/18/15	ITC
SCALE: AS NOTED		PREPARED BY:				
REV: 2		EDK TECHNICAL COMPANY, Inc.				
E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\PipeLine Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		DRAWING NO.				
		TITLE				
		DESCRIPTION				
		NO.				
		DATE				
		CHK				
		DATE				
		APP				
		DATE				

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
134+12					ML301		121212.00000 0		
	305.000000	TEX ISLE	0.25"	N/A		442152			
134+54					ML302		121212.00000 0		
	306.000000	TEX ISLE	0.25"	N/A		442148			
134+96					ML303		121212.00000 0		
	307.000000	TEX ISLE	0.25"	N/A		442148			
135+38					ML304		121212.00000 0		
	308.000000	TEX ISLE	0.25"	N/A		442157			
135+80					ML305		121212.00000 0		
	309.000000	TEX ISLE	0.25"	N/A		442148			
136+22					ML306		121212.00000 0		
	310.000000	TEX ISLE	0.25"	N/A		144949			
136+64					ML307		121212.00000 0		
	311.000000	TEX ISLE	0.25"	N/A		442152			
137+06					ML308		121212.00000 0		
	312.000000	TEX ISLE	0.25"	N/A		442157			
137+48					ML309		121212.00000 0		
	313.000000	TEX ISLE	0.25"	N/A		442148			
137+90					ML310		121212.00000 0		
	314.000000	TEX ISLE	0.25"	N/A		144949			
138+31					ML311		121212.00000 0		
	315.000000	TEX ISLE	0.25"	N/A		442148			
138+73					ML312		N/A		
	316.000000	TEX ISLE	0.25"	N/A		144949			
139+15					ML313		N/A		
	317.000000	TEX ISLE	0.25"	N/A		442148			
139+57					ML314		N/A		
	318.000000	TEX ISLE	0.25"	N/A		442148			
139+99					ML315		N/A		
	319.000000	TEX ISLE	0.25"	N/A		442148			
140+41					ML316		N/A		
	320.000000	TEX ISLE	0.25"	N/A		442148			
140+83					ML317		N/A		
	321.000000	TEX ISLE	0.25"	N/A		442148			
141+24					ML318		N/A		
	322.000000	TEX ISLE	0.25"	N/A		442154			
141+66					ML319		N/A		
	323.000000	TEX ISLE	0.25"	N/A		442148			
142+08					ML320		N/A		
	324.000000	TEX ISLE	0.25"	N/A		442148			
142+49					ML321		N/A	6.6'	
	325.000000	TEX ISLE	0.25"	N/A		442154			
142+91					ML322		121212.00000 0		
	326.000000	TEX ISLE	0.25"	N/A		442154			
143+33					ML323		121212.00000 0		
	327.000000	TEX ISLE	0.25"	N/A		442157			
143+75					ML324		121212.00000 0		
	328.000000	TEX ISLE	0.25"	N/A		442148			
144+17					ML325		121212.00000 0		
	329.000000	TEX ISLE	0.25"	N/A		442148			
144+59					ML326		121212.00000 0		
	330.000000	TEX ISLE	0.25"	N/A		442148			
145+00					ML327		121212.00000 0		
	331.000000	TEX ISLE	0.25"	N/A		144949			

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
145+43					ML328		121212.00000 0		
	332.000000	TEX ISLE	0.25"	N/A		144949			
145+84					ML342		121212.00000 0		
	333.000000	TEX ISLE	0.25"	N/A		144949			
146+26					ML344		121212.00000 0		
	334.000000	TEX ISLE	0.25"	N/A		442159			
146+68					ML344		121212.00000 0		
	335.000000	TEX ISLE	0.25"	N/A		144949			
147+10					ML345		121212.00000 0	6.3'	PI#33
	336.000000	TEX ISLE	0.25"	N/A		144949			
147+52					ML346		121212.00000 0		
	337.000000	TEX ISLE	0.25"	N/A		442154			
147+94					ML347		121212.00000 0		
	338.000000	TEX ISLE	0.25"	N/A		442152			
148+36					ML348		121212.00000 0		
	339.000000	TEX ISLE	0.25"	N/A		442152			
148+77					ML349		121212.00000 0		
	340.000000	TEX ISLE	0.25"	N/A		442152			
149+19					ML350		121212.00000 0		
	341.000000	TEX ISLE	0.25"	N/A		442157			
149+61					ML351		121212.00000 0		
	342.000000	TEX ISLE	0.25"	N/A		442152			
150+03					ML352		121212.00000 0		
	343.000000	TEX ISLE	0.25"	N/A		442148			
150+45					ML353		121212.00000 0	6.6'	PI#34
	344.000000	TEX ISLE	0.25"	N/A		442152			
150+88					TI54		12		
	347.000000	TEX ISLE	0.25"	TEXISLE3M6233P		442152			
151+25					ML-462		12		PI#35
	348.000000	TEX ISLE	0.25"	TEXISLE3M6233P		442148			
151+66					ML-463		12		
	349.000000	TEX ISLE	0.25"	TEXISLE3M6233P		442152			
152+08					ML-464		12		
	350.000000	TEX ISLE	0.25"	TEXISLE3M6233P		144949			
152+49					ML-465		12		
	351.000000	TEX ISLE	0.25"	TEXISLE3M6233P		442148			
152+91					TI53		12		
	SP-95819	TEX ISLE	0.25"	N/A		3M6233P			
153+33					446.000000		A1 A2		PI#36, Begin Bore
	356 BJNT	TEX ISLE	0.365"	ARO		SP95820			
153+76					447.000000		A1 A2		PI#37
	357 BJNT	TEX ISLE	0.365"	ARO		SP95821			
154+06									PI#38, Approx. Section Line X-Ing
154+17					448.000000		A1 A2		
154+26									PI#39, Approx. Section Line X-Ing
	358 BJNT	TEX ISLE	0.365"	ARO		SP95822			
154+59					449.000000		A1 A2		
	359 BJNT	TEX ISLE	0.365"	ARO		SP95823			
155+01					450.000000		A1 A2		
	360 BJNT	TEX ISLE	0.365"	ARO		SP95824			
155+42					451.000000		A1 A2		
	361 BJNT	TEX ISLE	0.365"	ARO		SP95825			
155+84					452.000000		A1 A2		
	362 BJNT	TEX ISLE	0.365"	ARO		SP95826			

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE		BY		REVISIONS	
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT		4/9/14		ITC		11/21/14	
TESORO LOGISTICS		CAD FILE: FILE		-		ITC		8/18/15	
SCALE: AS NOTED		DRAWING NO.		-		ITC		-	
Dwg: BB-TL-Y-101.3		DRAWING NO.		-		ITC		-	
REV: 2		DRAWING NO.		-		ITC		-	
E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Pipeline Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		DRAWING NO.		-		ITC		-	
EDK TECHNICAL COMPANY, Inc.		DRAWING NO.		-		ITC		-	
8/18/2015		DRAWING NO.		-		ITC		-	

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
156+26					453.000000		A1 A2		
	363 BJNT	TEX ISLE	0.365"	ARO		SP95827			
156+68					454.000000		A1 A2		
	364 BJNT	TEX ISLE	0.365"	ARO		SP95828			
157+09					455.000000		A1 A2		
	365 BJNT	TEX ISLE	0.365"	ARO		SP95829			
157+51					456.000000		A1 A2		
	365 BJNT	TEX ISLE	0.365"	ARO		SP95830			
157+92					457.000000		A1 A2		
	367 BJNT	TEX ISLE	0.365"	ARO		SP95831			
158+34					458.000000		A1 A2		
	368 BJNT	TEX ISLE	0.365"	ARO		SP95832			
158+76					456.000000		A1 A2		
	369 BJNT	TEX ISLE	0.365"	ARO		SP95833			
158+88					TI50		1 2		
158+89									PI#40
158+90					TI51		1 2		
	N/A	N/A	N/A	N/A		N/A			
159+13					TI52		1 2		
	410.000000	TEX ISLE	0.25"	N/A		144949		9'	
159+55					ML329		121212.000000 0		PI#41
	411.000000	TEX ISLE	0.25"	N/A		144949			
159+97					ML330		121212.000000 0		
	412.000000	TEX ISLE	0.25"	N/A		141509			
160+39					ML331		121212.000000 0		
	413.000000	TEX ISLE	0.25"	N/A		141506			
160+81					ML332		121212.000000 0		
	414.000000	TEX ISLE	0.25"	N/A		442149			
161+22					ML333		121212.000000 0		
	415.000000	TEX ISLE	0.25"	N/A		144949			
161+64					ML334		121212.000000 0		
	416.000000	TEX ISLE	0.25"	N/A		144949			
162+06					ML335		121212.000000 0		
	417.000000	TEX ISLE	0.25"	N/A		442149			
162+48					ML336		121212.000000 0		
	418.000000	TEX ISLE	0.25"	N/A		144949			
162+90					ML337		121212.000000 0		
	416.000000	TEX ISLE	0.25"	N/A		442152			
163+32					ML338		121212.000000 0		PI#42
	417.000000	TEX ISLE	0.25"	N/A		141509		5.6'	
163+74					ML339		121212.000000 0		
	421.000000	TEX ISLE	0.25"	N/A		141509			
164+16					ML340		121212.000000 0		
	422.000000	TEX ISLE	0.25"	N/A		442149			
164+57						341.000000	121212.000000 0		
	423.000000	TEX ISLE	0.25"	N/A		442149			
	N/A	N/A	N/A	N/A		N/A			
165+40					TI40		121212.000000 0		
	N/A	N/A	N/A	N/A		N/A			
165+47					TI41		121212.000000 0		
165+48								5.0'	PI#43
165+49					TI42		121212.000000 0		
	N/A	N/A	N/A	N/A		N/A			

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
165+87					ML437/JT-425/		N/A		
	426.000000	TEX ISLE	0.25"	N/A		442158			
166+29					ML354		121212.000000 0		
	427.000000	TEX ISLE	0.25"	N/A		14506			
166+71					ML355		121212.000000 0		
	428.000000	TEX ISLE	0.25"	N/A		442148			
167+13					ML356		121212.000000 0		
	429.000000	TEX ISLE	0.25"	N/A		442149			
167+54					ML357		121212.000000 0		
	430.000000	TEX ISLE	0.25"	N/A		141506			
167+96					ML358		121212.000000 0		
	N/A	N/A	N/A	N/A		N/A			
168+38					ML359		121212.000000 0		
	432.000000	TEX ISLE	0.25"	3M6233P 14-16		442148			
168+80					ML360		121212.000000 0		
	433.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
169+22					ML361		121212.000000 0		
	434.000000	TEX ISLE	0.25"	3M6233P 14-16		442148			
169+64					ML362		121212.000000 0		
	435.000000	TEX ISLE	0.25"	3M6233P 14-16		442152			
170+06					ML363		121212.000000 0		
	435.000000	TEX ISLE	0.25"	3M6233P 14-16		442152			
170+48					ML364		121212.000000 0		
	437.000000	TEX ISLE	0.25"	3M6233P 14-16		141506			
170+89					ML365		121212.000000 0		
	438.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
171+31					ML366		121212.000000 0		
	439.000000	TEX ISLE	0.25"	3M6233P 14-16		442148			
171+73					ML367		121212.000000 0		
	440.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
172+15					ML368		121212.000000 0		PI#44
	441.000000	TEX ISLE	0.25"	3M6233P 14-16		141508		7.0'	
172+57					ML369		121212.000000 0		
	442.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
172+99					ML370		121212.000000 0		
	443.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
173+41					ML371		121212.000000 0		
	444.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
173+82					ML372		121212.000000 0		
	445.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
174+24					ML373		121212.000000 0		
	446.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
174+66					ML374		121212.000000 0		
	447.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
175+08					ML375		121212.000000 0		
	448.000000	TEX ISLE	0.25"	3M6233P 14-16		442149			
175+50					ML376		121212.000000 0		
	449.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
175+92					ML377		121212.000000 0		
	450.000000	TEX ISLE	0.25"	3M6233P 14-16		442153			

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE		BY		DATE		DATE		DATE	
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT		4/9/14		ITC		11/21/14		ITC		8/18/15	
TESORO LOGISTICS		CAD FILE: FILE		-		-		-		-		-	
Dwg: BB-TLY-1014		EDK TECHNICAL COMPANY, Inc.		-		-		-		-		-	
SCALE: AS NOTED		PREPARED BY:		-		-		-		-		-	
E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Pipeline Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		DRAWING NO.		-		-		-		-		-	
REV: 2		TITLE		-		-		-		-		-	
NO.		DESCRIPTION		-		-		-		-		-	
8/18/2015		ITC		-		-		-		-		-	
BY		DATE		-		-		-		-		-	
CHK		DATE		-		-		-		-		-	
APP		DATE		-		-		-		-		-	

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
176+34					ML378		121212.00000 0		
	451.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
176+76					ML379		121212.00000 0		PI#45
	452.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
177+19					ML380		121212.00000 0		
	453.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
177+61					ML381		121212.00000 0		
	454.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
178+02					ML382		121212.00000 0		
	455.000000	TEX ISLE	0.25"	3M6233P 14-16		442153			
178+42					ML383		121212.00000 0		
	456.000000	TEX ISLE	0.25"	3M6233P 14-16		442153			
178+84					ML384		121212.00000 0		
	457.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
179+26					ML385		121212.00000 0		PI#46
	458.000000	TEX ISLE	0.25"	3M6233P 14-16		442149			
179+67					ML386		121212.00000 0		
	459.000000	TEX ISLE	0.25"	3M6233P 14-16		442153			
180+08					ML387		121212.00000 0		
	460.000000	TEX ISLE	0.25"	3M6233P 14-16		442153			
180+50					ML388		121212.00000 0		
	461.000000	TEX ISLE	0.25"	3M6233P 14-16		442149			
180+91					ML389		121212.00000 0		
	462.000000	TEX ISLE	0.25"	3M6233P 14-16		442148			
181+33					ML390		121212.00000 0		
	463.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
181+75					ML391		121212.00000 0		
	464.000000	TEX ISLE	0.25"	3M6233P 14-16		442153			
182+16					ML392		121212.00000 0		
	465.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
182+58					ML393		121212.00000 0		
182+66									PI#47, Approx. Qtr Line X-ing
	466.000000	TEX ISLE	0.25"	3M6233P 14-16		442153			
183+00					ML394		121212.00000 0		
	467.000000	TEX ISLE	0.25"	3M6233P 14-16		442153			
183+42					ML395		121212.00000 0		
	468.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
183+84					ML396		121212.00000 0		
	469.000000	TEX ISLE	0.25"	3M6233P 14-16		442149			
184+26					ML397		121212.00000 0		
	470.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
184+67					ML398		121212.00000 0	5.0'	PI#48
	471.000000	TEX ISLE	0.25"	3M6233P 14-16		442157			
185+09					ML399		121212.00000 0		
	472.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
185+50					ML400		121212.00000 0		
	473.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
185+92					ML401		121212.00000 0		
	474.000000	TEX ISLE	0.25"	3M6233P 14-16		442154			
186+34					ML402		121212.00000 0		PI#49
	475.000000	TEX ISLE	0.25"	3M62311 14-16		442154			

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
186+77					ML403		121212.00000 0		
	476.000000	TEX ISLE	0.25"	3M62311 14-16		442157			
187+19					ML404		121212.00000 0		
	477.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
187+60					ML405		121212.00000 0		
	478.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
188+02					ML406		121212.00000 0		
	479.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
188+44					ML407		121212.00000 0		
	480.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
188+86					ML408		121212.00000 0		
	481.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
189+28					ML409		121212.00000 0		
	482.000000	TEX ISLE	0.25"	3M62311 14-16		442153			
189+69					ML410		121212.00000 0		
	483.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
190+11					ML411		121212.00000 0		
	484.000000	TEX ISLE	0.25"	3M62311 14-16		442157			
190+53					ML412		121212.00000 0		
	485.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
190+95					ML413		121212.00000 0		
	486.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
191+37					ML414		121212.00000 0		
	487.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
191+79					ML415		121212.00000 0		
	488.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
192+20					ML416		121212.00000 0		
	489.000000	TEX ISLE	0.25"	3M62311 14-16		442154			
192+62					ML417		121212.00000 0		
	490.000000	TEX ISLE	0.25"	3M62311 14-16		442153			
193+04					ML418		121212.00000 0	9.0'	
	491.000000	TEX ISLE	0.25"	FBE 3M62311 14-16		442153			
193+46					ML438		121212.00000 0		
	491A	TEX ISLE	0.25"	FBE		442153			
193+87					ML439		121212.00000 0		
	491B	TEX ISLE	0.25"	FBE		N/A			
194+01					TI43		121212.00000 0		
194+02									PI#50, 90° JOINT
194+03					TI44		121212.00000 0		
	N/A	N/A	N/A			N/A			
194+45					ML-473		1 2		
	491C	TEX ISLE	0.25"	FBE		N/A			
194+87					ML-425		1 2		
	498.000000	TEX ISLE	0.25"	FBE		442153			
195+28					ML-426		1 2		
	499.000000	TEX ISLE	0.25"	FBE		442154			
195+71					ML-427		1 2		
	500.000000	TEX ISLE	0.25"	FBE		442154			
196+12					ML-428		1 2		
	501.000000	TEX ISLE	0.25"	FBE		442154			
196+54					N/A		N/A		
	492.000000	TEX ISLE	0.25"	FBE		442153			

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE		BY		11/21/14		REVISIONS	
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT		4/9/14		ITC		ITC		11/21/14	
TESORO LOGISTICS		CAD FILE: FILE		-		-		8/18/15		8/18/15	
DNG: BB-TL-Y-1015		EDK TECHNICAL COMPANY, Inc.		-		-		RE-ISSUED ASBUILT		NO.	
SCALE: AS NOTED		REV: 2		-		-		DESCRIPTION		DATE	
E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dngs\PipeLine Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATEST.DWG		TITLE		-		-		BY		DATE	
		DRAWING NO.		-		-		CHK		DATE	

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
196+96					ML-421		12		
	493.000000	TEX ISLE	0.25"	FBE		442157			
197+38					ML-422		12		
	494.000000	TEX ISLE	0.25"	FBE		442153			
197+80					ML-423		12		
	495.000000	TEX ISLE	0.25"	FBE		442153			
198+22					ML-424		12		
	496.000000	TEX ISLE	0.25"	FBE		442153			
198+64					ML-445		12		
	496A	TEX ISLE	0.25"	FBE		442153			
199+06					N/A	N/A	N/A		
	502.000000	TEX ISLE	0.25"	FBE		442153			
199+48					ML-440, ML-421 1134 JT492			5.3'	PI#51
	503.000000	TEX ISLE	0.25"	FBE		442154			
199+90					ML-441		12		PI#52
	504.000000	TEX ISLE	0.25"	FBE		442153			
200+32					ML-442		12		
	505.000000	TEX ISLE	0.25"	FBE		442153			
200+74					ML-443		12		
	506.000000	TEX ISLE	0.25"	FBE		442153			
201+16					ML-444		12		
	507.000000	TEX ISLE	0.25"	FBE		442153			
201+58					N/A	N/A	N/A		
	508	TEX ISLE	0.25"	FBE		N/A			
202+00					N/A	N/A	N/A		
	509	TEX ISLE	0.25"	FBE		N/A			
202+42					N/A	N/A	N/A		PI#53
	510	TEX ISLE	0.25"	FBE		N/A			
202+84					TI47		12		
	511	TEX ISLE	0.25"	FBE		N/A			
202+98					TI48		12	6.8'	
202+99									PI#54, Bend
203+00					TI49		12		
	530	TEX ISLE	0.25"	FBE		141506			
203+20					N/A	N/A			Start Bore
203+27									End of Casing
203+42				TEX ISLE 36M3866	ML-466		12		
	531.000000	TEX ISLE	0.25"	FBE		141509			
203+84					ML-467		12		
	532.000000	TEX ISLE	0.25"	FBE		141506			
204+25					ML-468		12		
	533.000000	TEX ISLE	0.25"	FBE		442157			
204+68					ML-469		12		
	534.000000	TEX ISLE	0.25"	FBE		442154			
205+10									
	538.000000	TEX ISLE	0.25"	FBE		141508			
205+52					ML-472		12		
	537.000000	TEX ISLE	0.25"	FBE		141506			
205+93					ML-471		12		
	536.000000	TEX ISLE	0.25"	FBE		141506			
206+35					ML-470		12		
	535.000000	TEX ISLE	0.25"	FBE		141506			
206+70									End Casing
206+72					TI45		12		End Bore
	535A	TEX ISLE	0.25"	FBE		442153			
206+73								5.2'	PI#55, Bend
206+74					TI46		12		
	512	TEX ISLE	0.25"	FBE		442152			
207+16					N/A	N/A			
	513	TEX ISLE	0.25"	FBE		442148			

STA	JOINT #	MFG	WALL	COATING	WELD XRAY#	HEAT #	WELDERS MARK	Depth	Comments
207+58					N/A		N/A		
	514	TEX ISLE	0.25"	FBE		141508			
208+00					N/A		N/A		
	515	TEX ISLE	0.25"	FBE		141508			
208+42					N/A		N/A		
	516	TEX ISLE	0.25"	FBE		141508			
208+84					N/A		N/A		
	517	TEX ISLE	0.25"	FBE		442154			
209+26					N/A		N/A		
	518	TEX ISLE	0.25"	FBE		442152			
209+74					N/A		N/A		
	519	TEX ISLE	0.25"	FBE		442152			
209+97					TI61		12		PI#56, Bend
	519A	TEX ISLE	0.25"	FBE		442152			
210+05									
	520	TEX ISLE	0.25"	FBE		442152			
210+41					TI67		12		
	520A	TEX ISLE	0.25"	FBE		SP95819			
210+47					TI66		12		
	520B	TEX ISLE	0.25"	FBE		SP95819			
210+48					TI65		12	5.3'	Vertical Bend
	520C	TEX ISLE	0.25"	FBE		SP95819			
210+53					TI64		12		Out of Ground
	520D	TEX ISLE	0.25"	FBE		SP95819			
210+56					TI63		12		
	N/A	N/A	N/A	N/A		N/A			
210+62					TI59		12		
	N/A	N/A	N/A	N/A		N/A			
210+62					TI58		12		
	N/A	N/A	N/A	N/A		N/A			
210+62					TI57		12		
	N/A	N/A	N/A	N/A		N/A			
210+62.9					TI60		12		PI#57, P.O.E.

RE-ISSUED ASBUILT 8-18-2015

TESORO LOGISTICS OPERATIONS LLC.		REC. JOB NUMBER: JOB		DATE		BY		REVISIONS	
NEW 10" LINE PIPE TALLY BEULAH BASIN ZAP TO BEULAH		CLIENT CONTRACT NUMBER: CONT		4/8/14		ITC		11/21/14	
TESORO LOGISTICS		CAD FILE: FILE		-		ITC		8/18/15	
SCALE: AS NOTED		PREPARED BY:		-		ITC		-	
DWG: BB-TLY-1016		EDK TECHNICAL COMPANY, Inc.		-		ITC		-	
REV: 2		DRAWING NO.		-		ITC		-	
E:\job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\PipeLine Auto Cad Files\1000 - ASBUILT ALIGNMENTS LATEST AND GREATTEST.DWG		TITLE		-		ITC		-	
		NO.		-		ITC		-	
		DESCRIPTION		-		ITC		-	
		BY		-		ITC		-	
		DATE		-		ITC		-	
		CHK		-		ITC		-	
		DATE		-		ITC		-	
		APP		-		ITC		-	
		DATE		-		ITC		-	

TESORO BASIN

BARRED TEE PER SHEET BB-MISC-9000

TO BEULAH BASIN

TESORO BASIN

50'-0"

PROVER CONNECTIONS

PD METER

STRAINER

LAUNCHER

GATE AND CHECK VALVE

TIE POINT

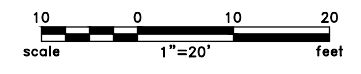
Approx. Water Elev. 1969.7

NEW BUILDING ELEV. 1970 1969

EXTEND FENCE 50' NORTH

Sat. Dish

NW1/4, Sec. 1, T.143N; R.89W.



LEGEND

- 1' Contour
- 5' Contour
- Barbed Wire Fence
- Chain Link Fence
- Existing Pipeline
- Valve
- Existing Building
- Concrete Pad
- Bench Mark
- Elec. Vault
- Elec. Box

NOTE:
Survey is based upon elevation datum NAVD 88, MSL



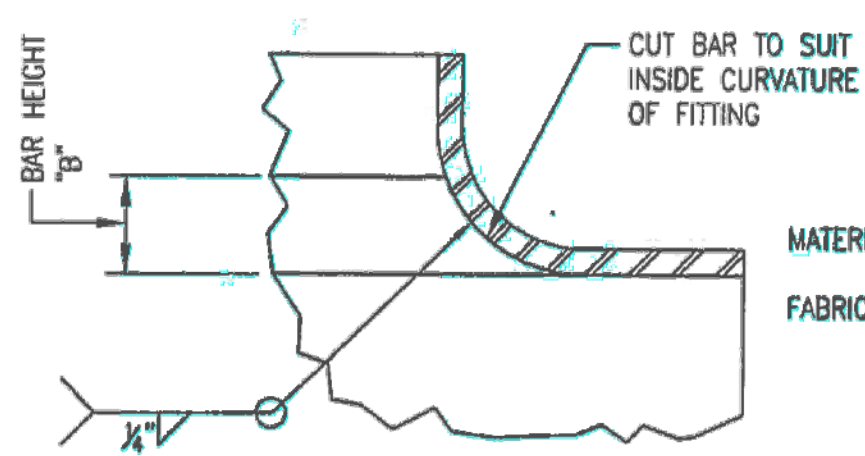
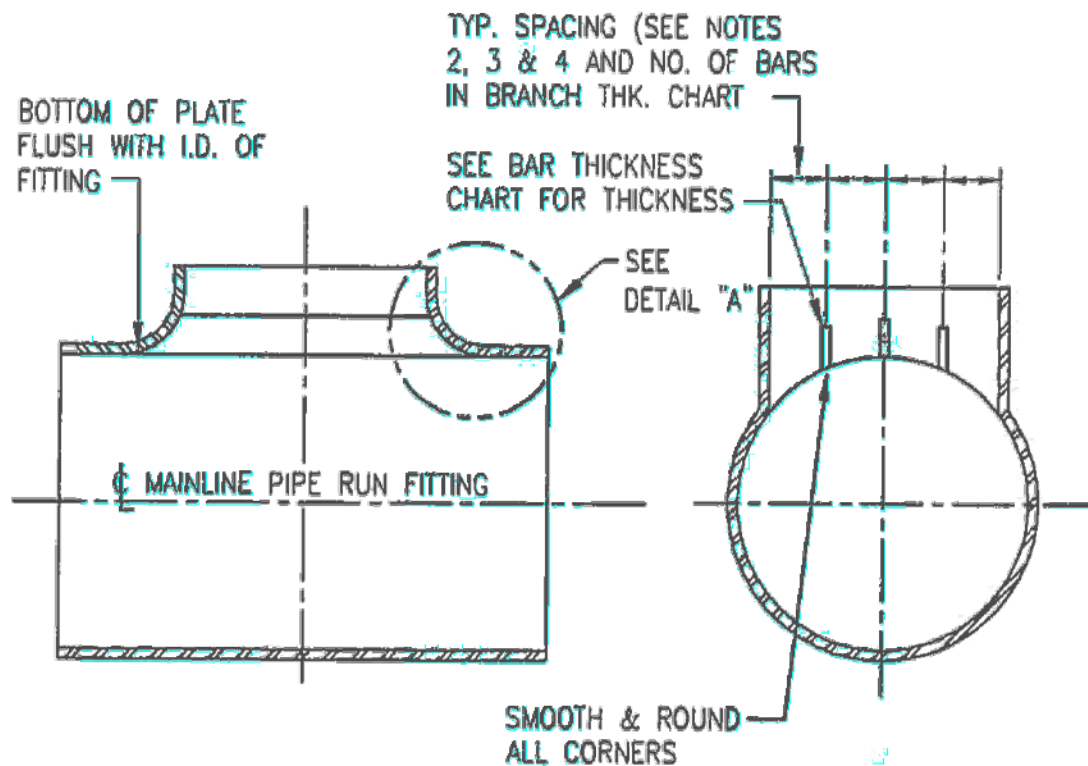
RE-ISSUED ASBUILT 8-18-2015

REFERENCE DRAWINGS		REVISIONS					
DRAWING NO.	TITLE	NO.	DESCRIPTION	BY	DATE	CHK	DATE
A	ISSUED FOR REVIEW	KAS	7/3/13	RC	KE		

BY	DATE	REC JOB NUMBER:
DRAWN KS	7/3/13	CLIENT CONTRACT NUMBER:
CHECKED KE		CAD FILE:
APPROVED		
PREPARED BY: EDK		
TECHNICAL COMPANY, LLC		

TESORO LOGISTICS OPERATIONS, LLC		
TIE IN AND LAUNCHER ADDITION BEULAH BASIN (ZAP) GENERAL ARRANGEMENT PIPING		
SCALE:	DWG: BB-GA-2100	REV: A

FILE LOCATION E:\Job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Pipeline Auto Cad Files\PLOT PLAN W LAUNCHER.DWG DATE 7/1/2014 BY Iro



- MATERIAL** HOT ROLLED STEEL PLATE, ASTM A-36, CS
- FABRICATION**
1. BARS DO NOT EXTEND INTO THE PIPE RUN BUT ARE MOUNTED FLUSH WITH THE INSIDE DIAMETER OF THE PIPE FITTING.
 2. BARS ARE EQUALLY SPACED ON THE OUTLET.
 3. WHEN AN ODD NUMBER OF BARS IS SPECIFIED THEY ARE SPACED WITH ONE BAR ON THE CENTERLINE OF THE OUTLET.
 4. WHEN AN EVEN NUMBER OF BARS IS SPECIFIED THEY ARE TO STRADDLE THE CENTERLINE OF THE OUTLET.

BAR THICKNESS CHART (IN)																
RUN	BRANCH															
	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	30"	36"	
3"	1/4"	1/4"														
4"	1/4"	1/4"	3/8"													
6"	1/4"	1/4"	3/8"	3/8"												
8"	1/4"	1/4"	3/8"	3/8"	3/8"											
10"	1/4"	1/4"	3/8"	3/8"	3/8"	1/2"										
12"				3/8"	3/8"	1/2"	1/2"									
14"					3/8"	1/2"	1/2"	1/2"								
16"					3/8"	1/2"	1/2"	1/2"	1/2"							
18"					3/8"	1/2"	1/2"	1/2"	1/2"	1/2"						
20"						1/2"	1/2"	1/2"	1/2"	1/2"	1/2"					
22"						1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"				
24"							1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/4"			
30"								1/2"	1/2"	1/2"	1/2"	1/2"	1/4"	1/4"		
36"								1/2"	1/2"	1/2"	1/2"	1/2"	1/4"	1/4"	1/4"	
NO. OF BARS	1		2			3										

BAR HEIGHT CHART (IN)	
RANGE OF OUTLET SIZE	"B"
2"	1 1/8"
3"-4"	1 3/8"
6"	1 1/4"
8"	2 1/8"
10" THRU 34"	2 1/8"



RE-ISSUED ASBUILT 8-18-2015

REFERENCE DRAWINGS		REVISIONS							
DRAWING NO.	TITLE	NO.	DESCRIPTION	BY	DATE	CHK	DATE	APP	DATE
		A	ISSUED FOR REVIEW	KAS	7/3/13	RC		KE	

BY	DATE	REC JOB NUMBER
DRAWN KS	7/3/13	CLIENT CONTRACT NUMBER
CHECKED KE		CAD FILE
APPROVED		
PREPARED BY:	EDK	
	TECHNICAL COMPANY, LLC	

TESORO LOGISTICS OPERATIONS, LLC		
TIE IN AND LAUNCHER ADDITION BEULAH BASIN (ZAP) BARRED TEE DETAIL PIPING		
SCALE:	DWG: BB-MISC-9000	REV: A

FILE LOCATION \\EDKSERVER\EDK Project Files\Job #44 - Beulah Basin Rail Loading\Auto Cad Dwg\Station Auto Cad Files\BEULAH BASIN (ZAP)\BB-MISC-9000\DRAWN TEE.dwg BY Robert 5/20/2014