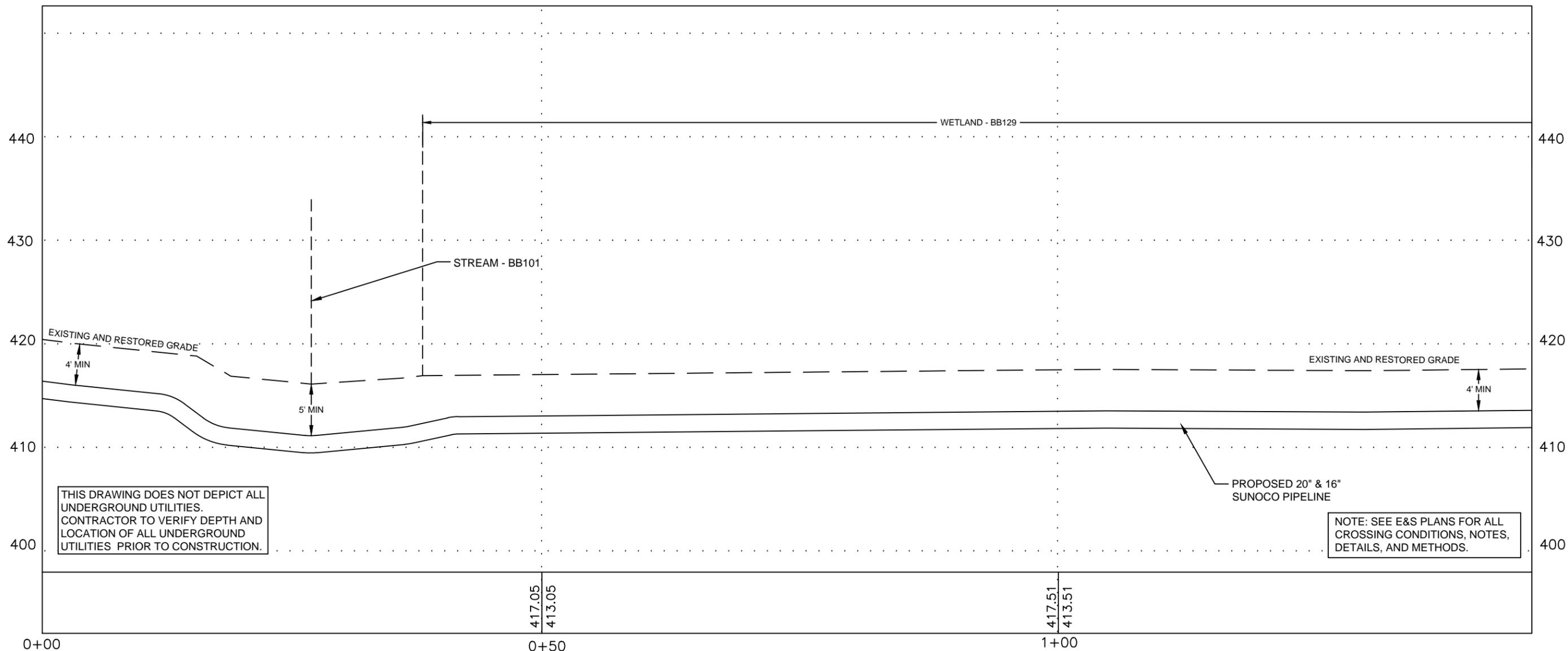


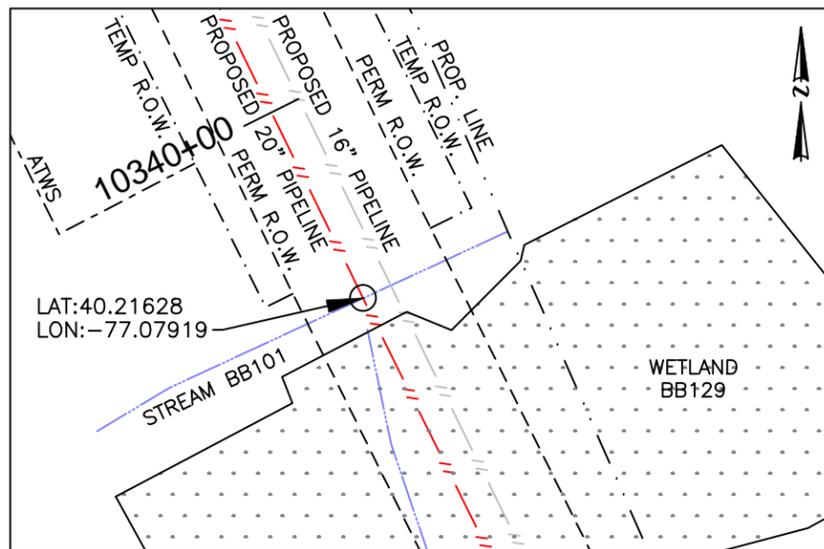
SILVER SPRING TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - BB101



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

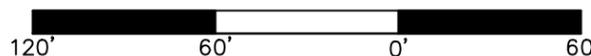


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

PLAN

HORIZ. SCALE : 1" = 60'



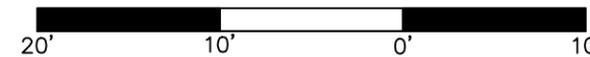
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.

897.02
893.02

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - BB101

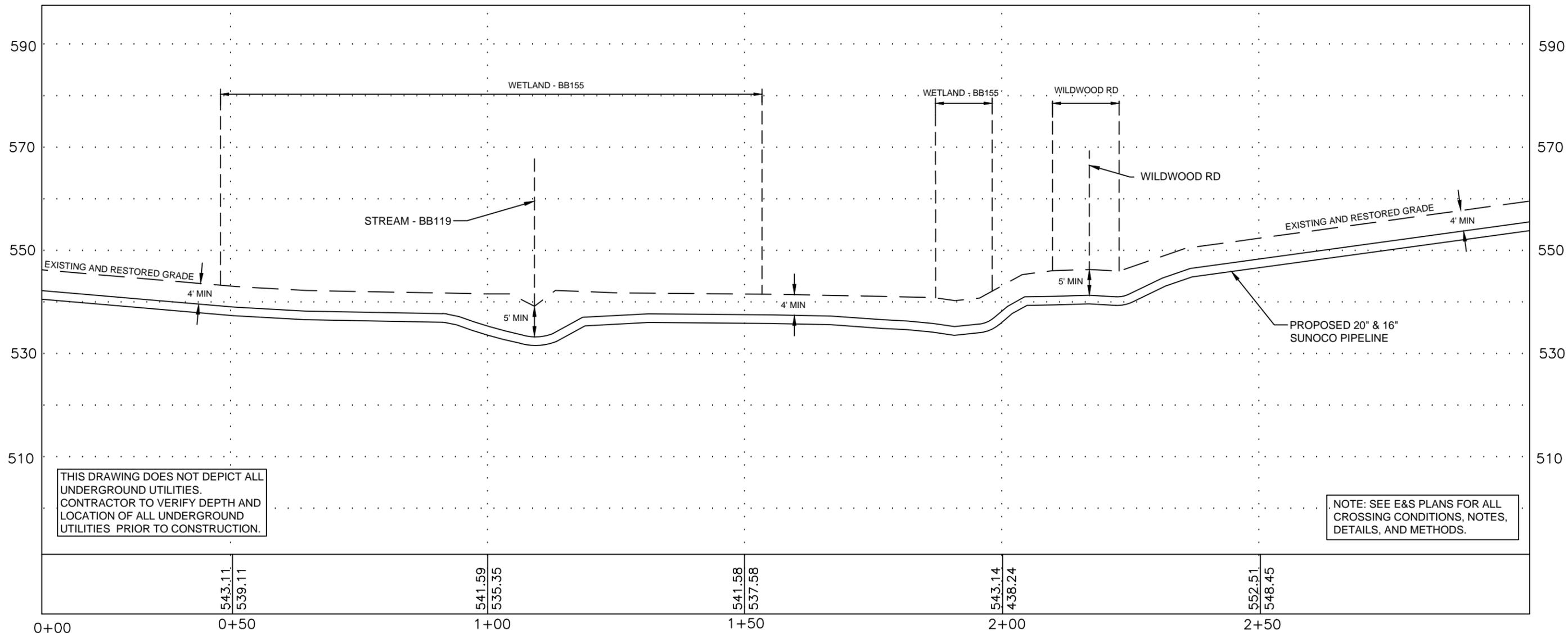
SILVER SPRING TOWNSHIP, CUMBERLAND COUNTY, PA

11/01/16	SCALE	
REVISED 11/28/16	AS NOTED	DWG: PA-CU-0149.0003-S-BB101

Prepared by TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
WWW.TRICOSURVEYING.COM

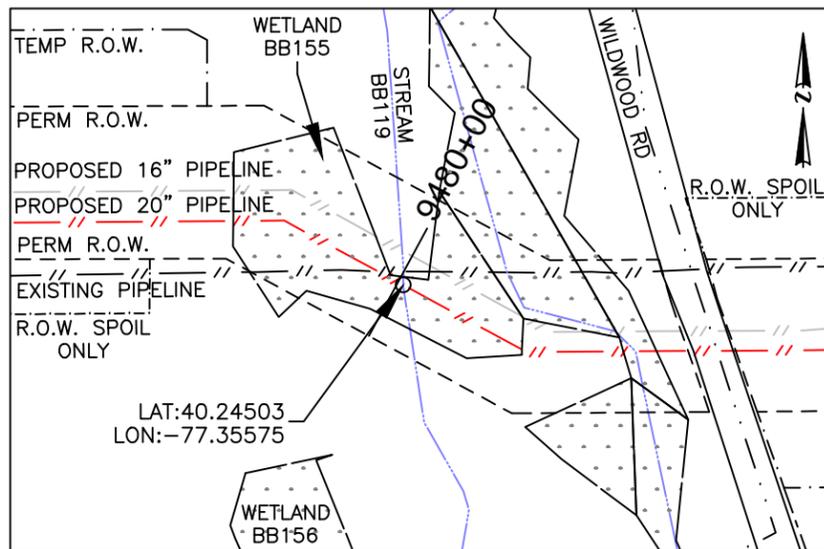
UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - BB119



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

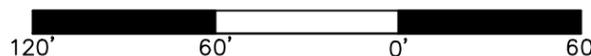


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

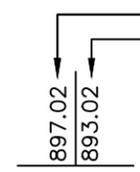
PLAN

HORIZ. SCALE : 1" = 60'



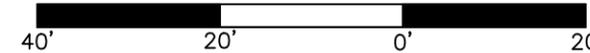
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 20'
VERT. SCALE : 1" = 20'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

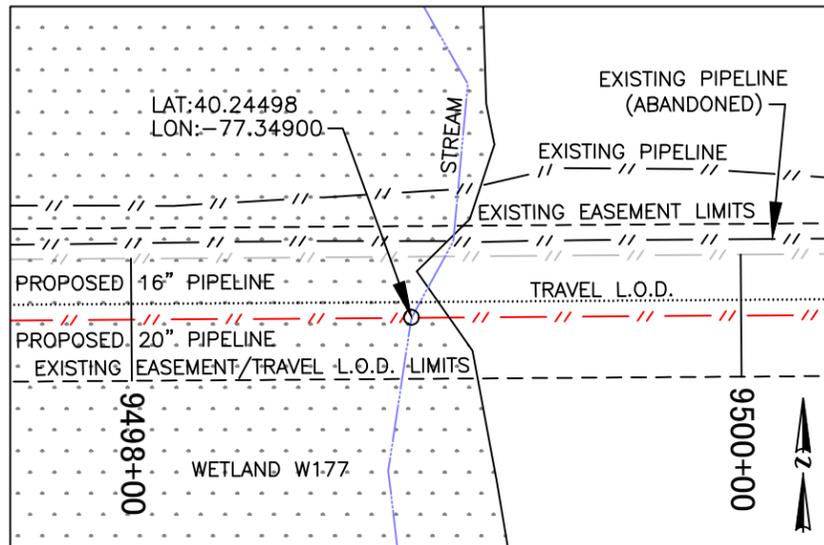
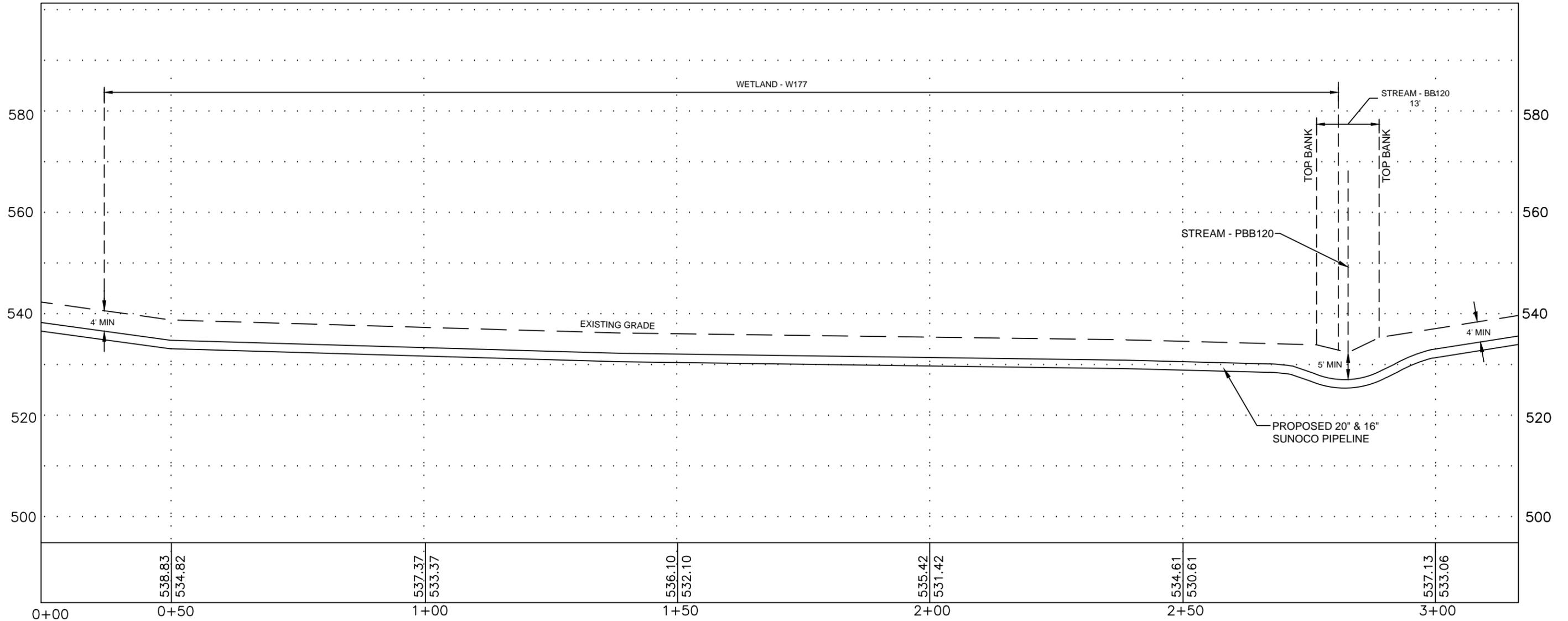
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO		
STREAM - BB119		
UPPER FRANKFORD TWP., CUMBERLAND COUNTY, PA		
10/28/16	SCALE	
REVISED 11/30/16	AS NOTED	DWG: PA-CU-0050.0000-S-BB119
Prepared by TRICO SURVEYING AND MAPPING		1
		BLOOMINGTON, INDIANA WWW.TRICOSURVEYING.COM

UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA
STREAM - BB120

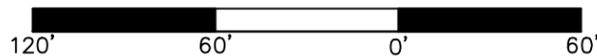


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- TRAVEL L.O.D.
- PROPERTY LINE

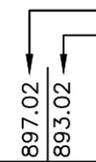
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM
 PENNSYLVANIA STATE
 PLANE SOUTH
 NAD 83 US FEET

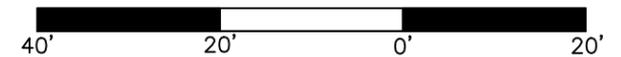
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
 525 FRITZTOWN ROAD
 SINKING SPRING, PA 19608
 PHONE NUMBER: 800-786-7440
 NATURAL GAS PIPELINE

CENTERLINE REV DATE: 10-20-2016

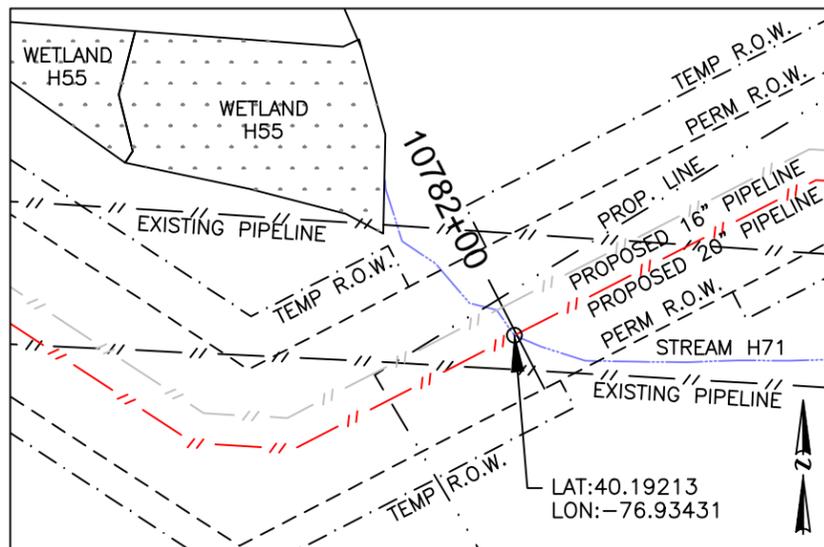
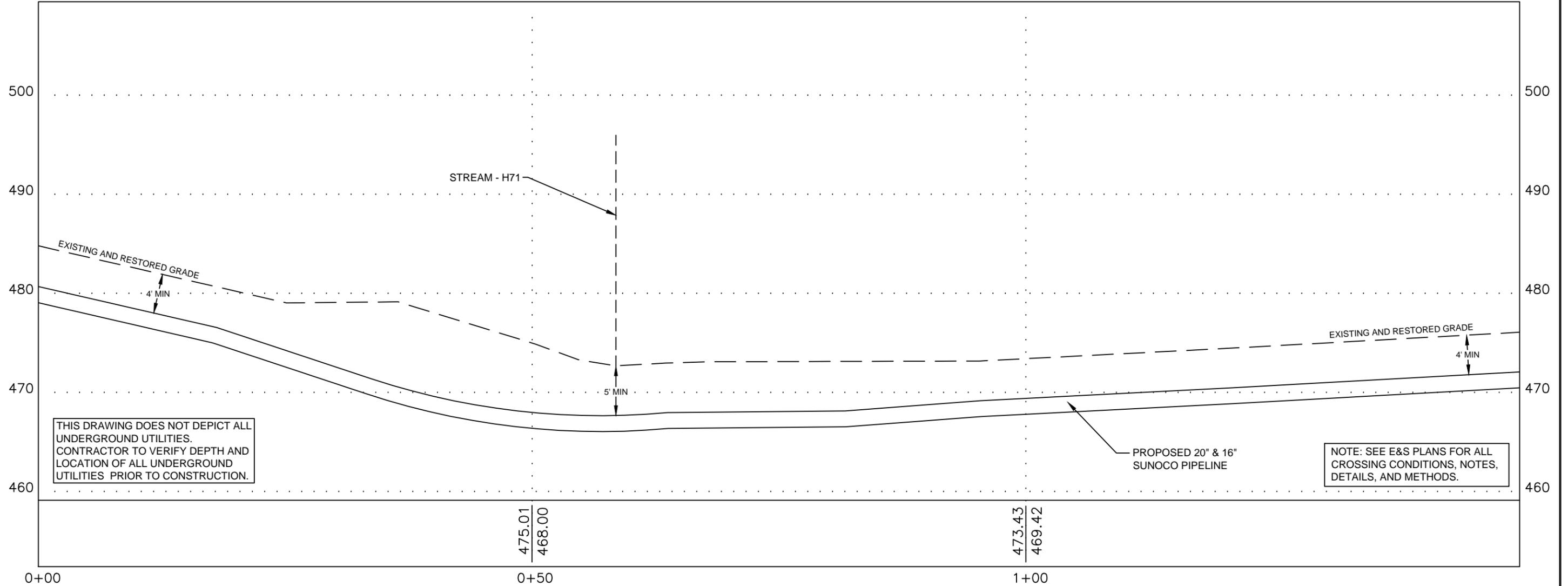
PROFILE

HORIZ. SCALE : 1" = 20'
 VERT. SCALE : 1" = 20'



SUNOCO		
STREAM - BB120		
UPPER FRANKFORD TWP., CUMBERLAND COUNTY, PA		
10/28/16	SCALE	
REVISED XX/XX/XX	AS NOTED	DWG: PA-CU-0054.0000-S-BB120
Prepared by	TRICO SURVEYING AND MAPPING BLOOMINGTON, INDIANA WWW.TRICOSURVEYING.COM	0

LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PA
STREAM - H71

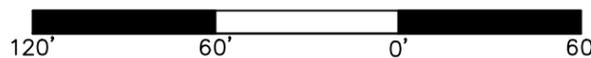


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

PLAN

HORIZ. SCALE : 1" = 60'



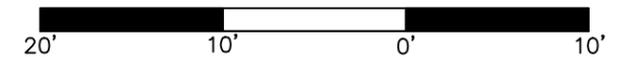
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.

897.02
893.02

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE
PLANE SOUTH
NAD 83 US FEET

GRADE SOURCE:
SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

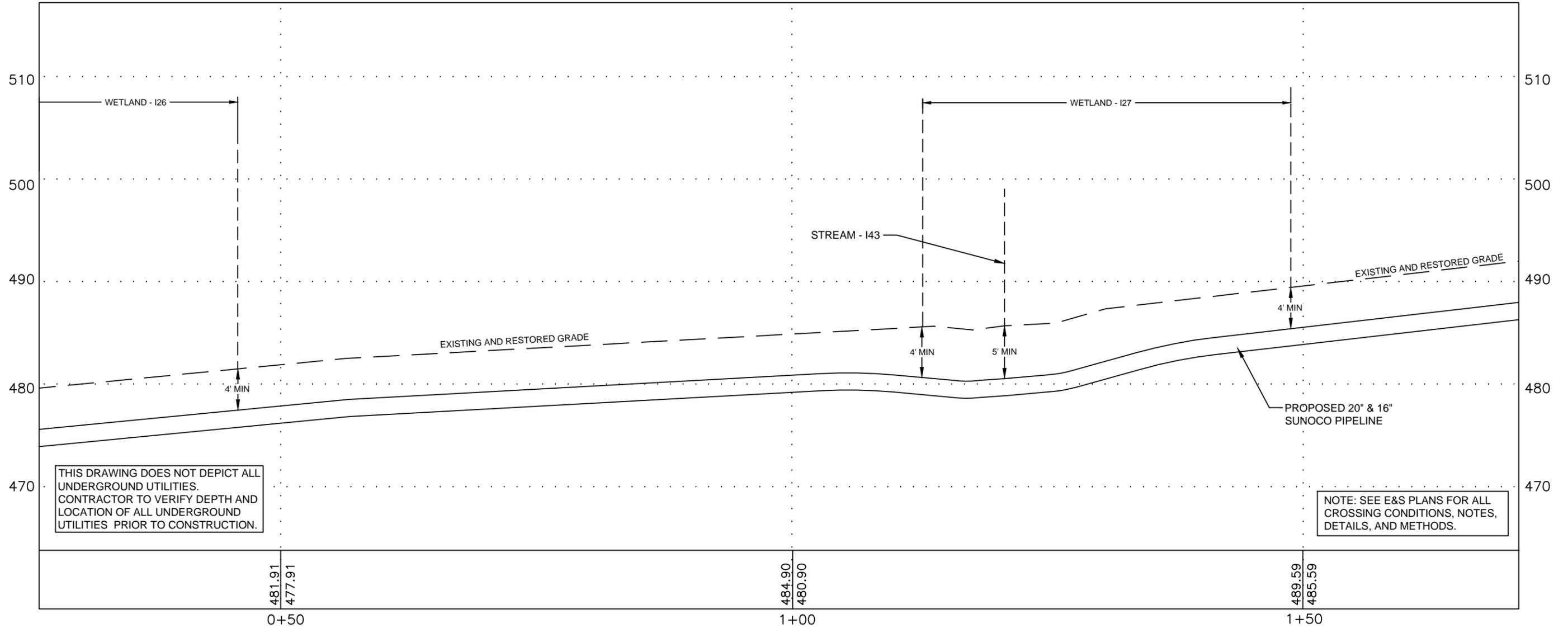
SUNOCO
STREAM - H71

LOWER ALLEN TWP., CUMBERLAND COUNTY, PA

11/04/16	SCALE	
REVISED 11/28/16	AS NOTED	DWG: PA-CU-0195.0000-S-H71

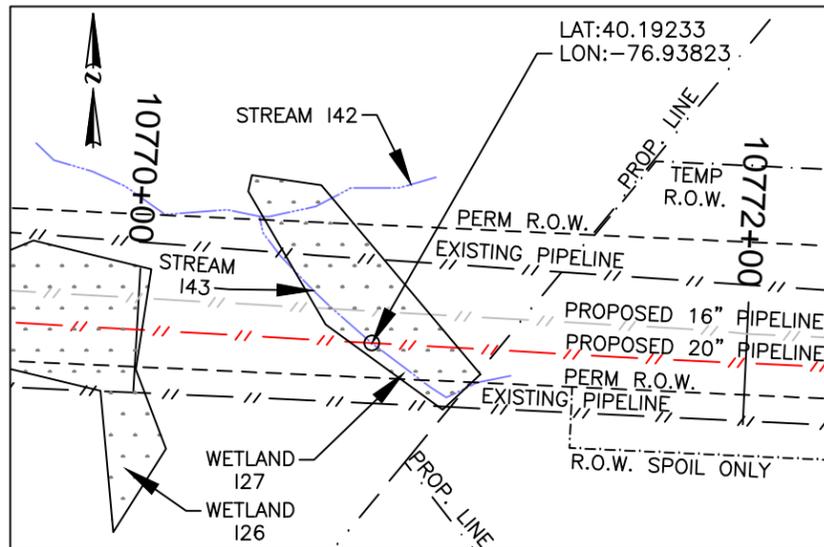
Prepared by TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
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LOWER ALLEN TOWNSHIP, CUMBERLAND COUNTY, PA
STREAM - I43



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

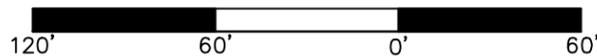


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

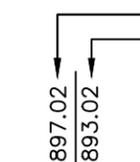
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

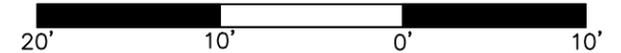
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
 525 FRITZTOWN ROAD
 SINKING SPRING, PA 19608
 PHONE NUMBER: 800-786-7440
 NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
 VERT. SCALE : 1" = 10'



SUNOCO
STREAM - I43

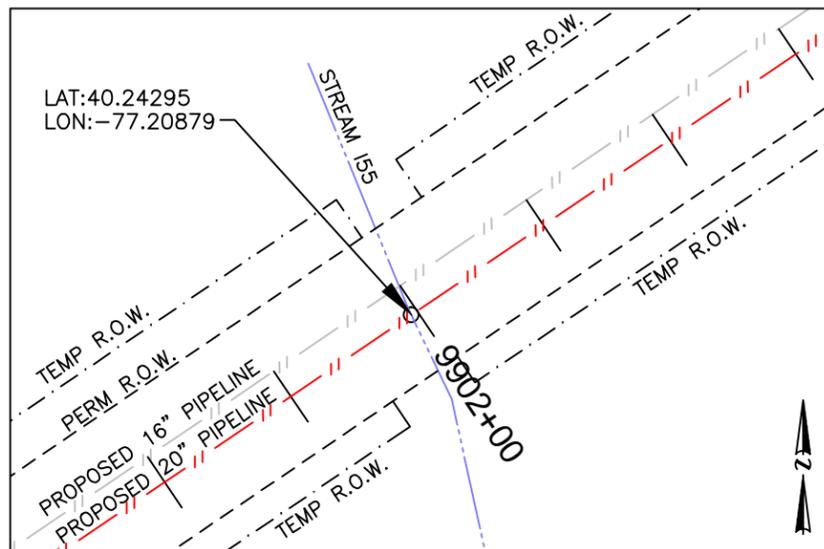
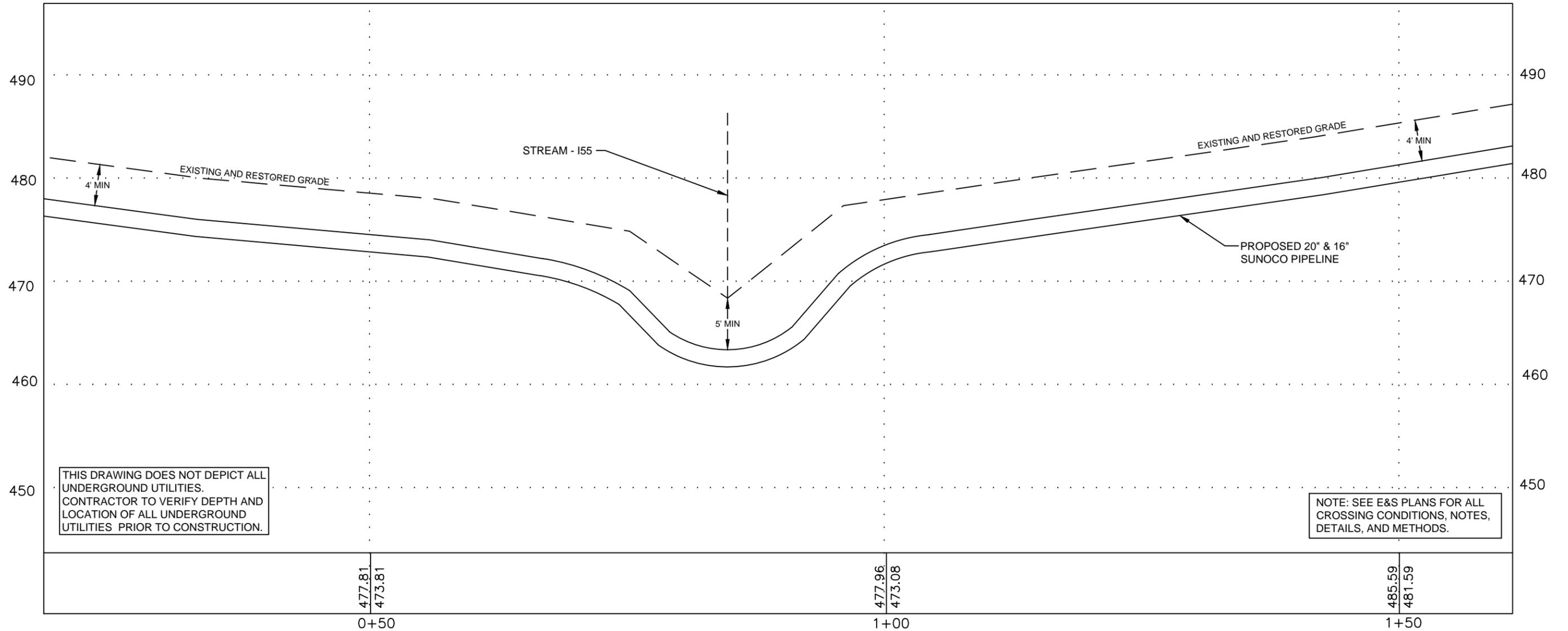
LOWER ALLEN TWP., CUMBERLAND COUNTY, PA

11/04/16 SCALE
 REVISED 11/28/16 AS NOTED DWG: PA-CU-0189.0000-S-I43

Prepared by TRICO SURVEYING AND MAPPING
 BLOOMINGTON, INDIANA
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NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

STREAM - I55

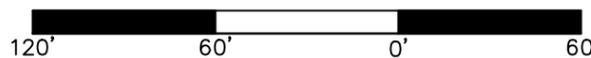


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

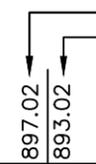
PLAN

HORIZ. SCALE : 1" = 60'



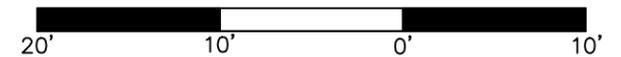
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE
PLANE SOUTH
NAD 83 US FEET

GRADE SOURCE:
SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - I55

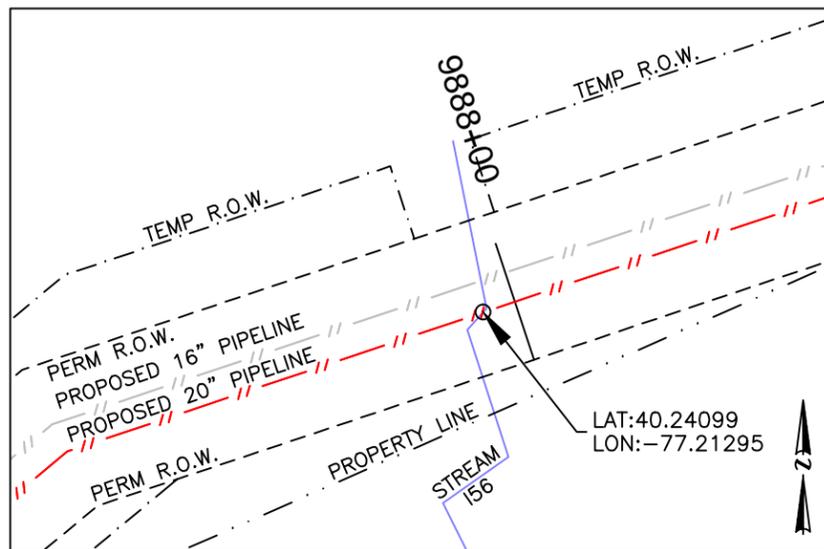
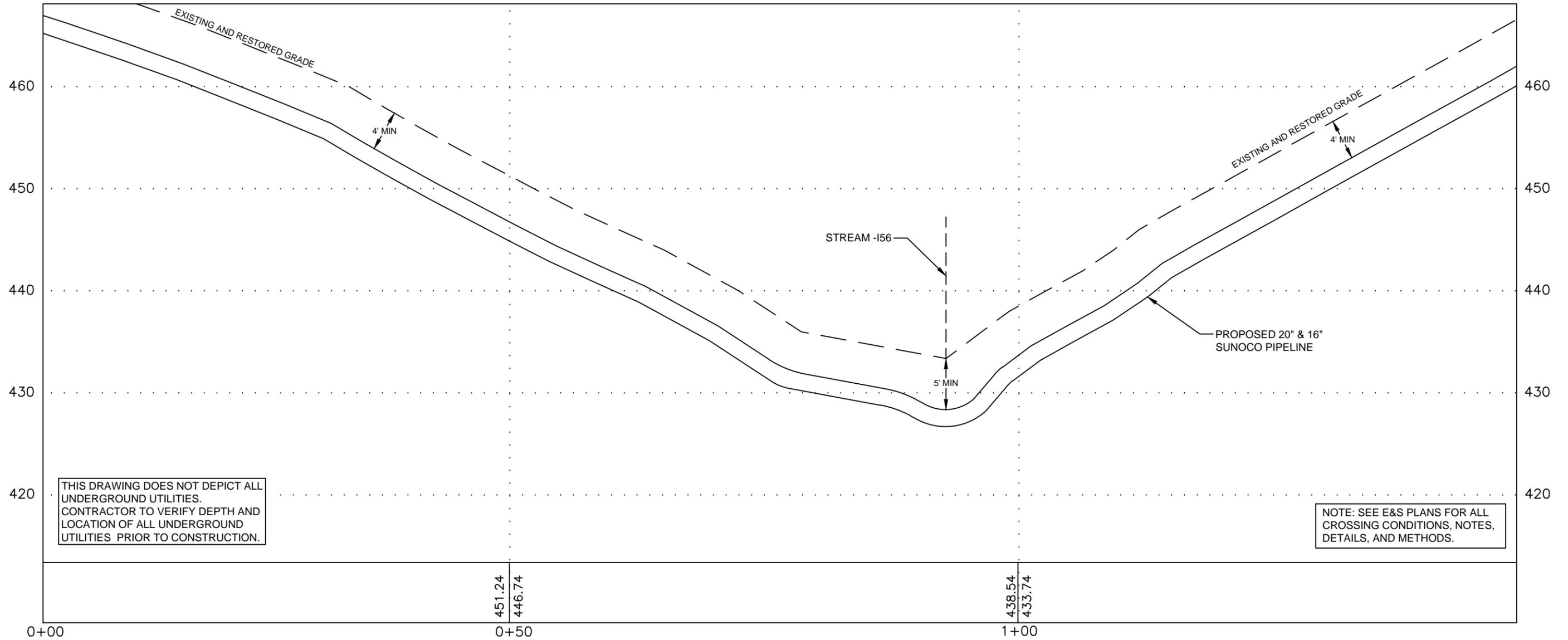
NORTH MIDDLETON TOWNSHIP, CUMBERLAND CO., PA

11/01/16	SCALE	
REVISED 11/28/16	AS NOTED	DWG: PA-CU-0112.0000-S-I55

Prepared by  TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
WWW.TRICOSURVEYING.COM

NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I56

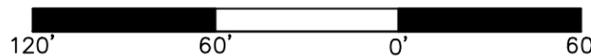


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

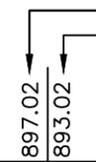
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



24/7 CONTACT INFO & PIPE MARKER INFO:

COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH
NAD 83 US FEET

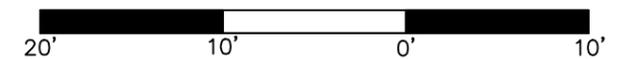
GRADE SOURCE:
SURVEYING DATA AND PASDA CONTOURS

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



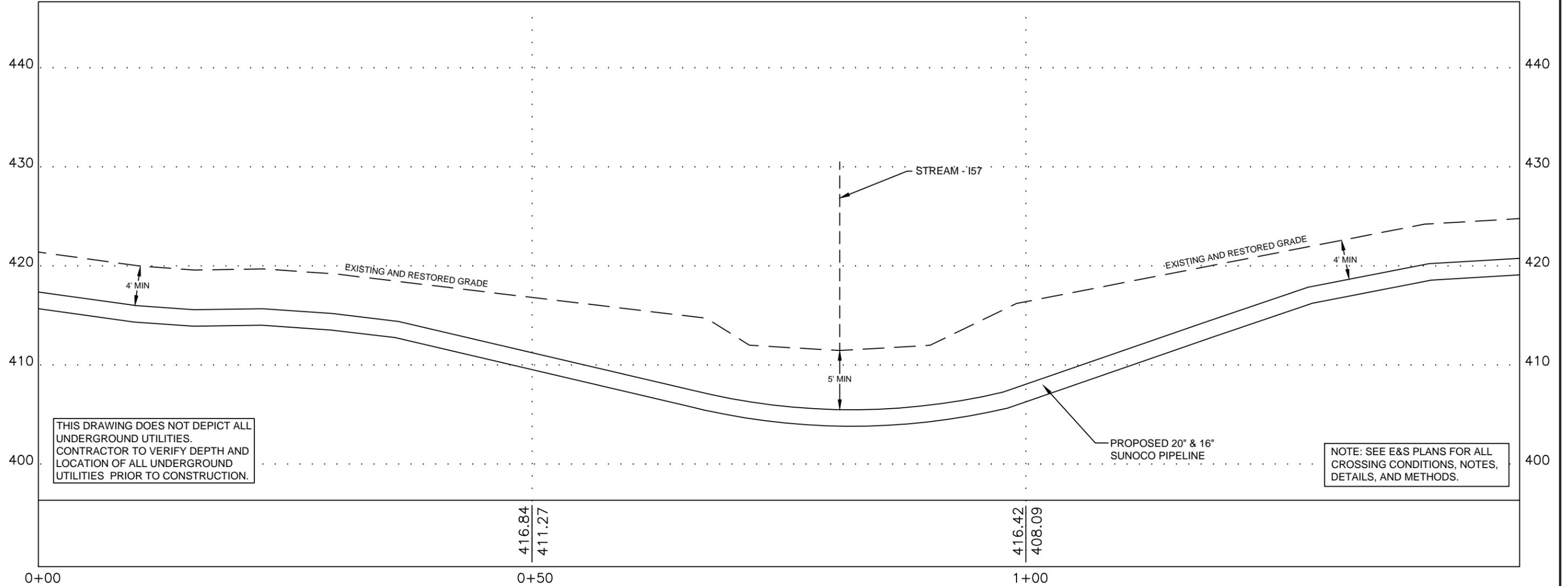
SUNOCO
STREAM - I56

NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

11/11/16	SCALE	
REVISED 11/28/16	AS NOTED	DWG:PA-CU-0110.0000-S-I56

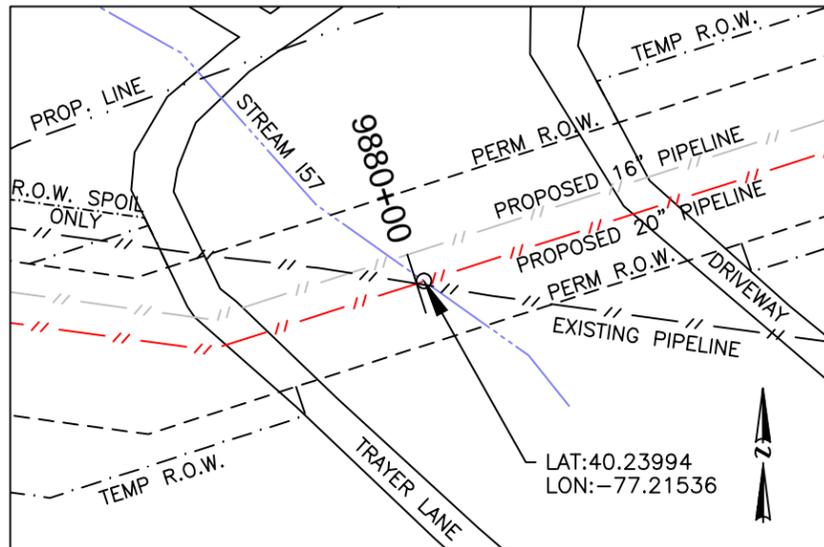
Prepared by TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
WWW.TRICOSURVEYING.COM

NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA
STREAM - I57



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NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

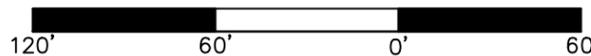


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

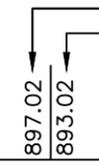
PLAN

HORIZ. SCALE : 1" = 60'



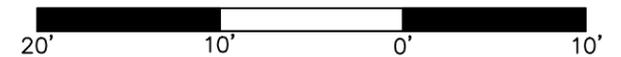
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
 VERT. SCALE : 1" = 10'



COORDINATE SYSTEM
 PENNSYLVANIA STATE PLANE SOUTH
 NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
 525 FRITZTOWN ROAD
 SINKING SPRING, PA 19608
 PHONE NUMBER: 800-786-7440
 NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - I57

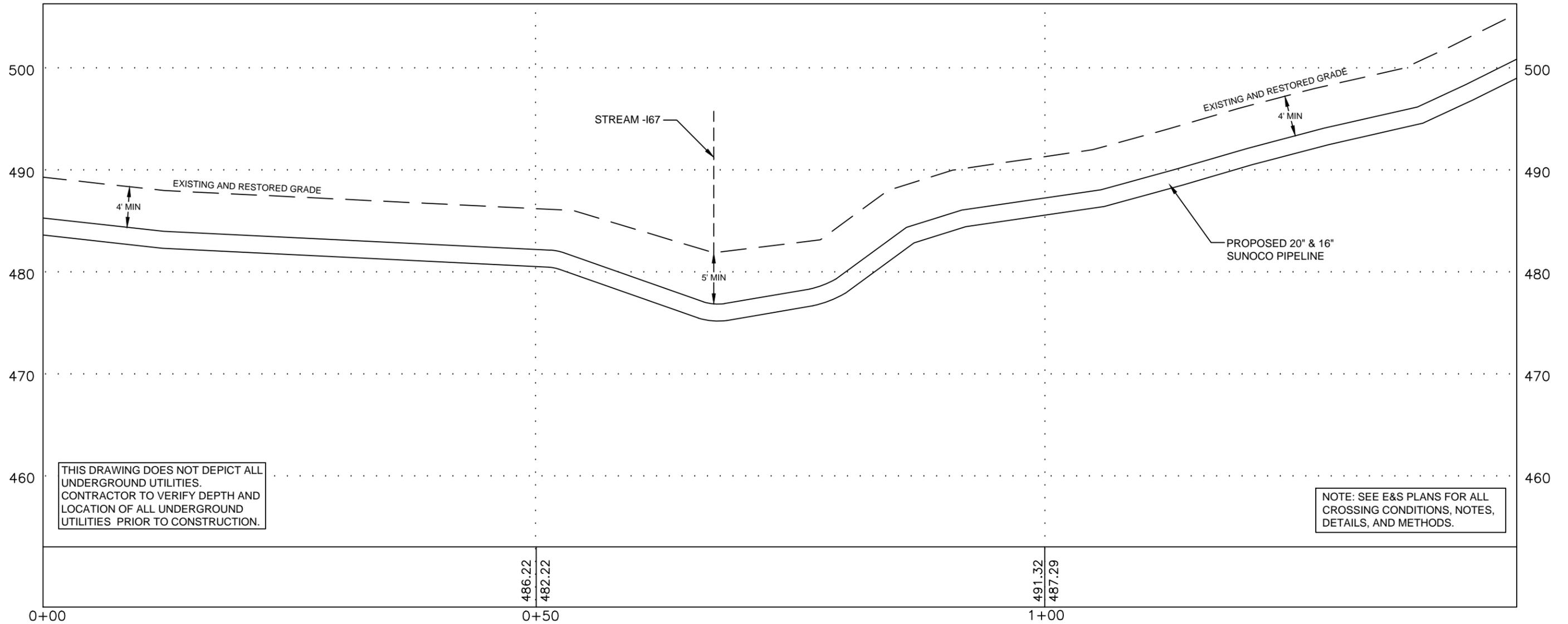
NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

11/01/16	SCALE	
REVISED 11/28/16	AS NOTED	DWG: PA-CU-0111.0000-S-I57

Prepared by  **TRICO SURVEYING AND MAPPING**
 BLOOMINGTON, INDIANA
 WWW.TRICOSURVEYING.COM

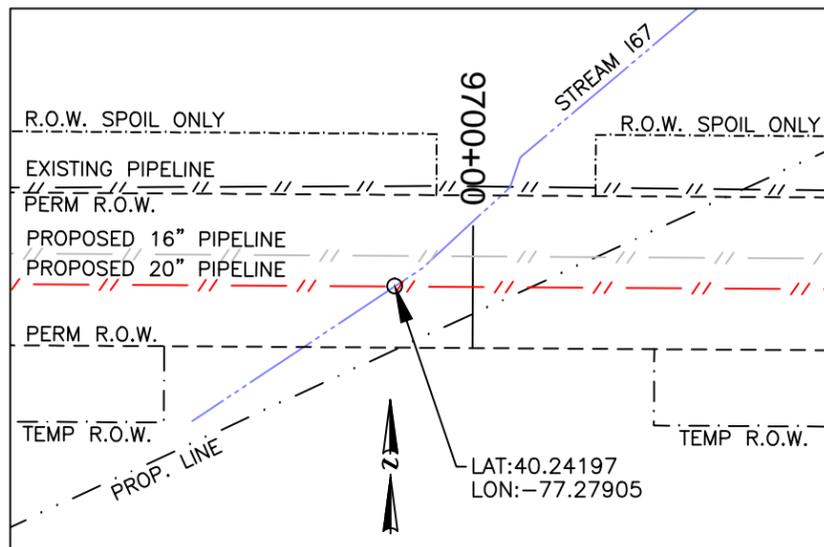
LOWER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I67



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

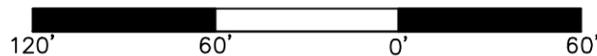


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

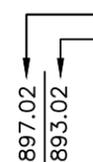
PLAN

HORIZ. SCALE : 1" = 60'



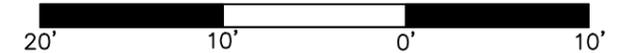
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - I67

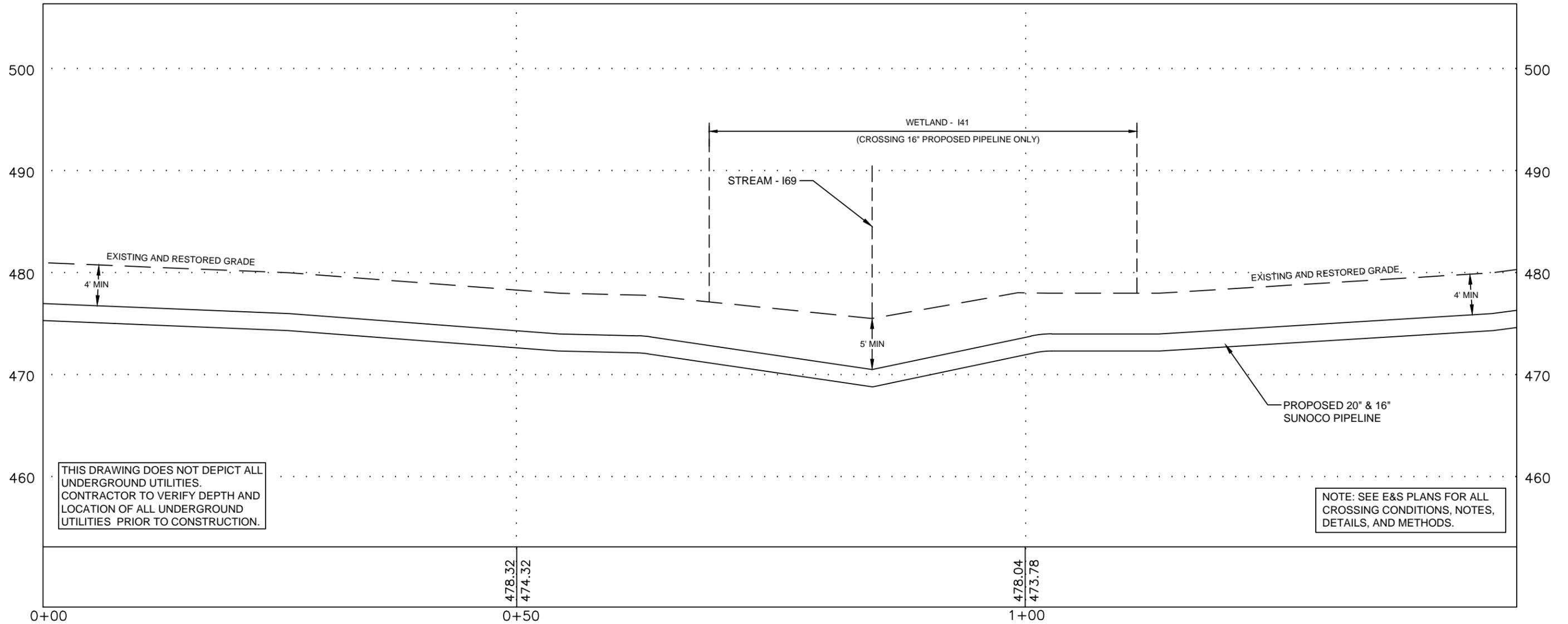
LOWER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/10/16 SCALE
REVISED 11/28/16 AS NOTED DWG: PA-CU-0082.0000-S-I67

Prepared by TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
WWW.TRICOSURVEYING.COM

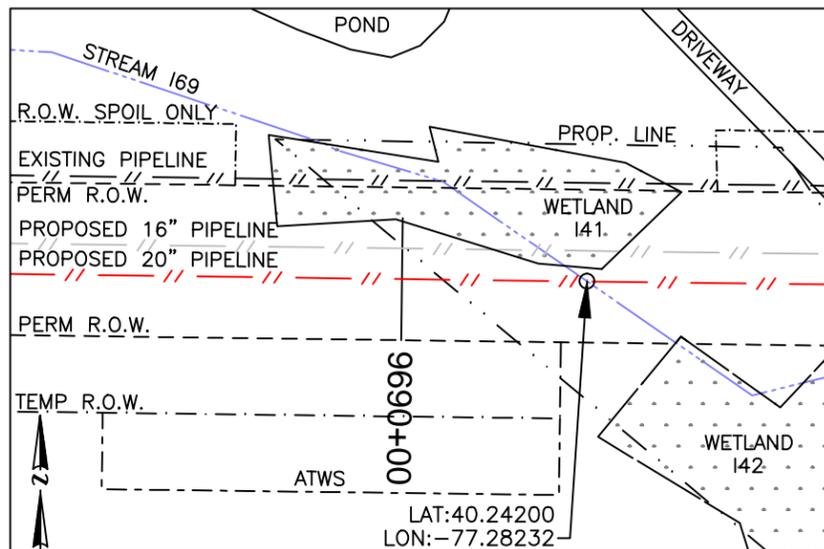
LOWER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I69



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

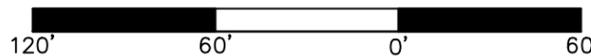


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

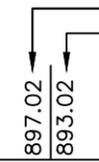
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

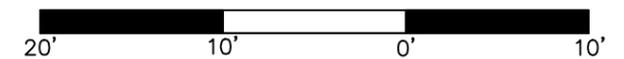
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO
STREAM - I69

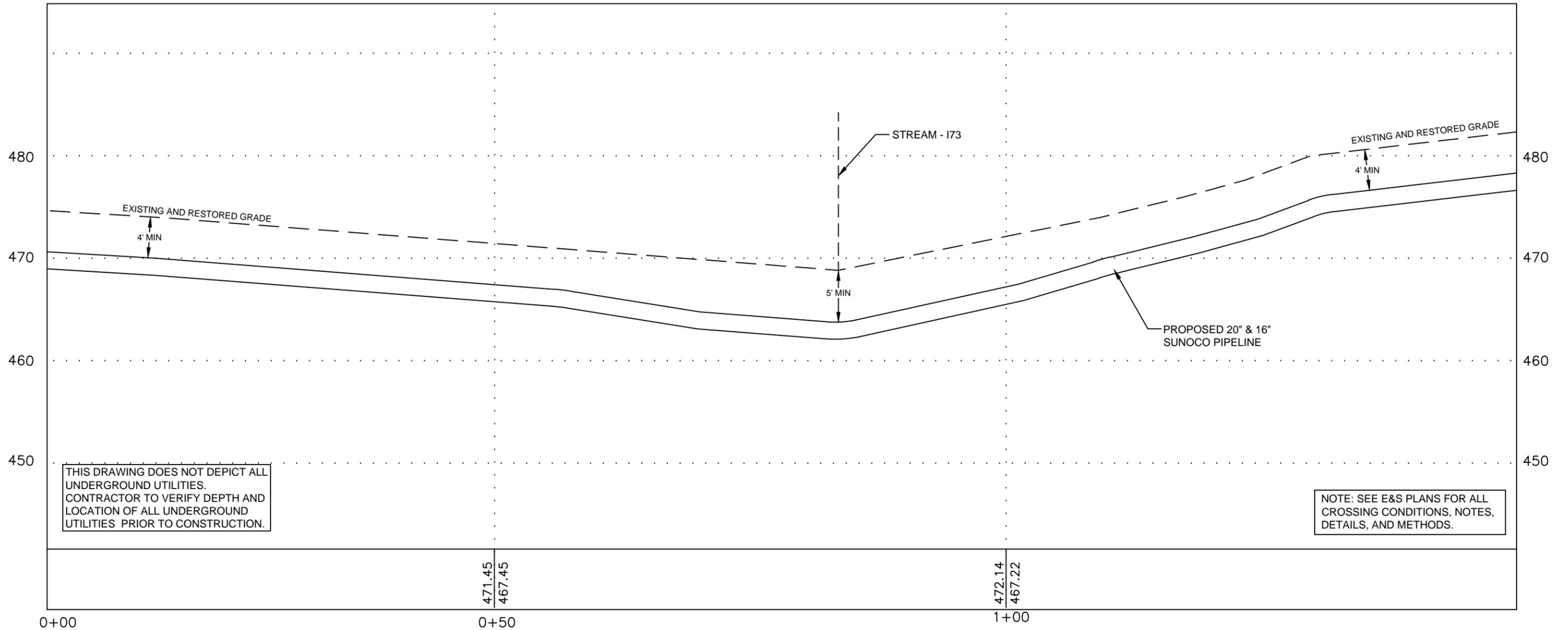
LOWER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/10/16 SCALE
REVISED 11/29/16 AS NOTED DWG: PA-CU-0083.0000-S-I69

Prepared by TRICO SURVEYING AND MAPPING
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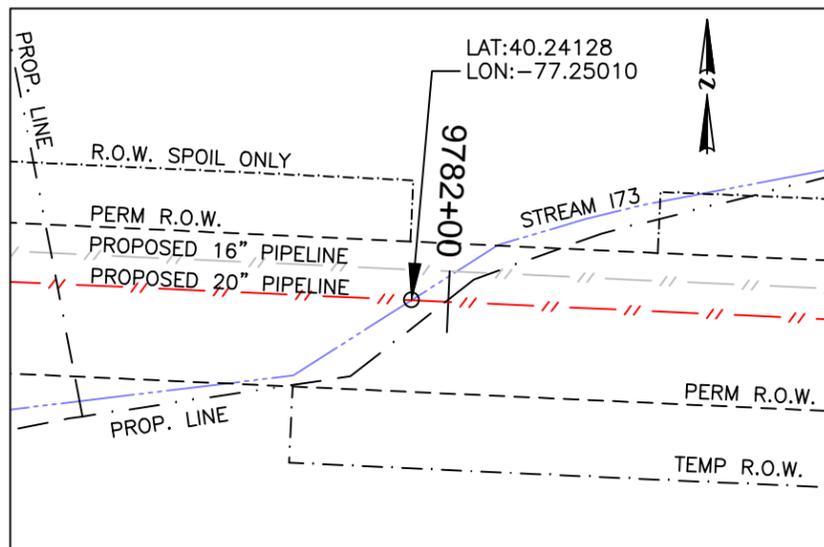
NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I73



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

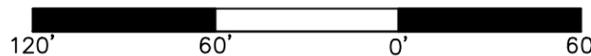


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

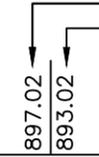
PLAN

HORIZ. SCALE : 1" = 60'



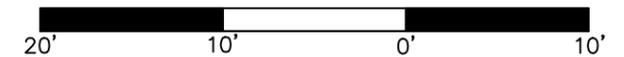
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - I73

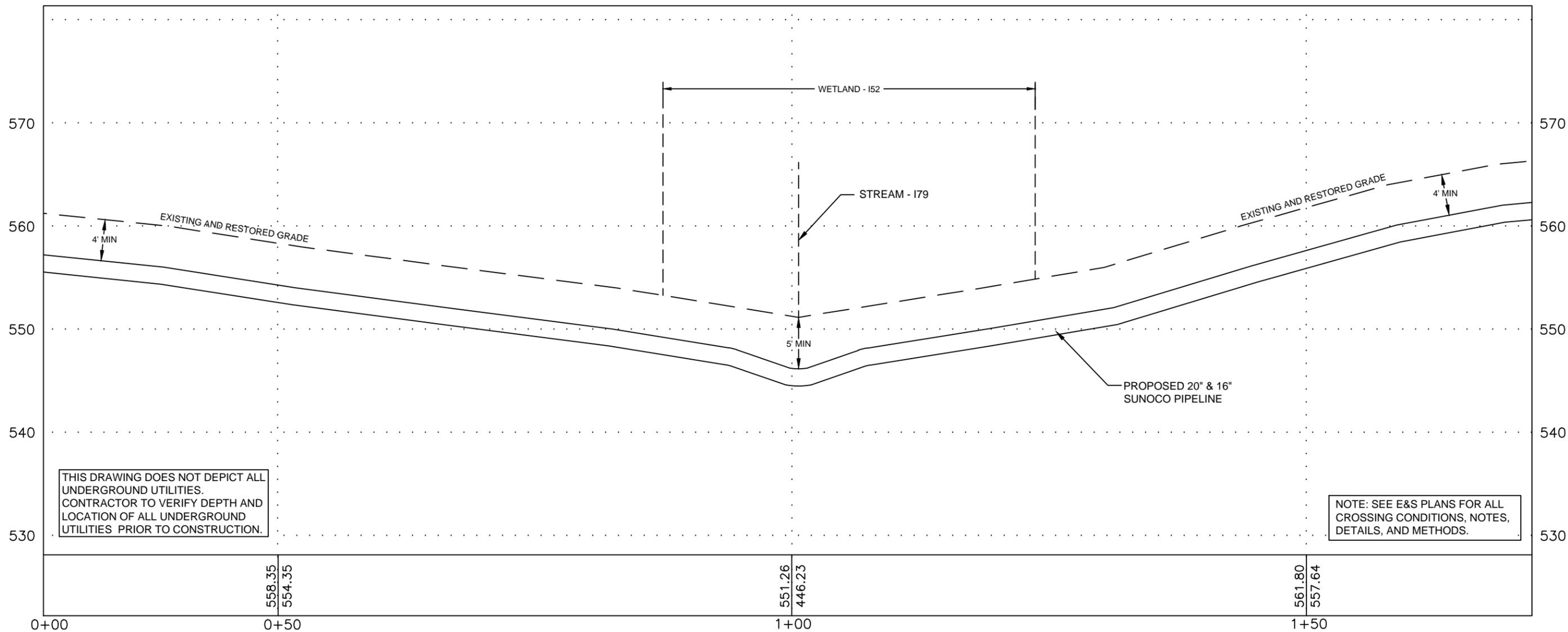
NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

10/31/16	SCALE	SHEET 1 OF 2
REVISED 11/30/16	AS NOTED	DWG: PA-CU-0094.0000-S-I73

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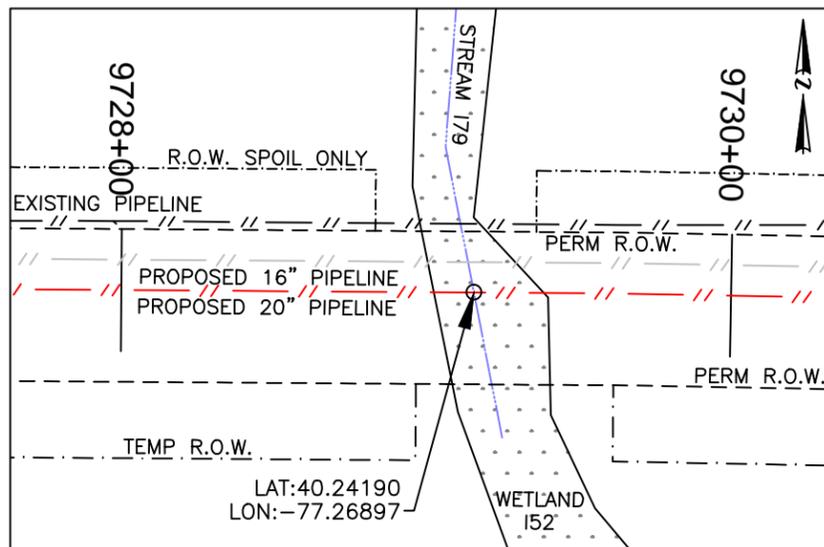
LOWER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I79



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

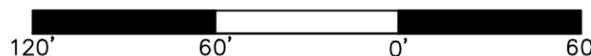


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

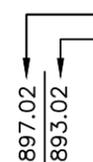
PLAN

HORIZ. SCALE : 1" = 60'



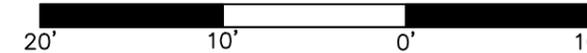
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - I79

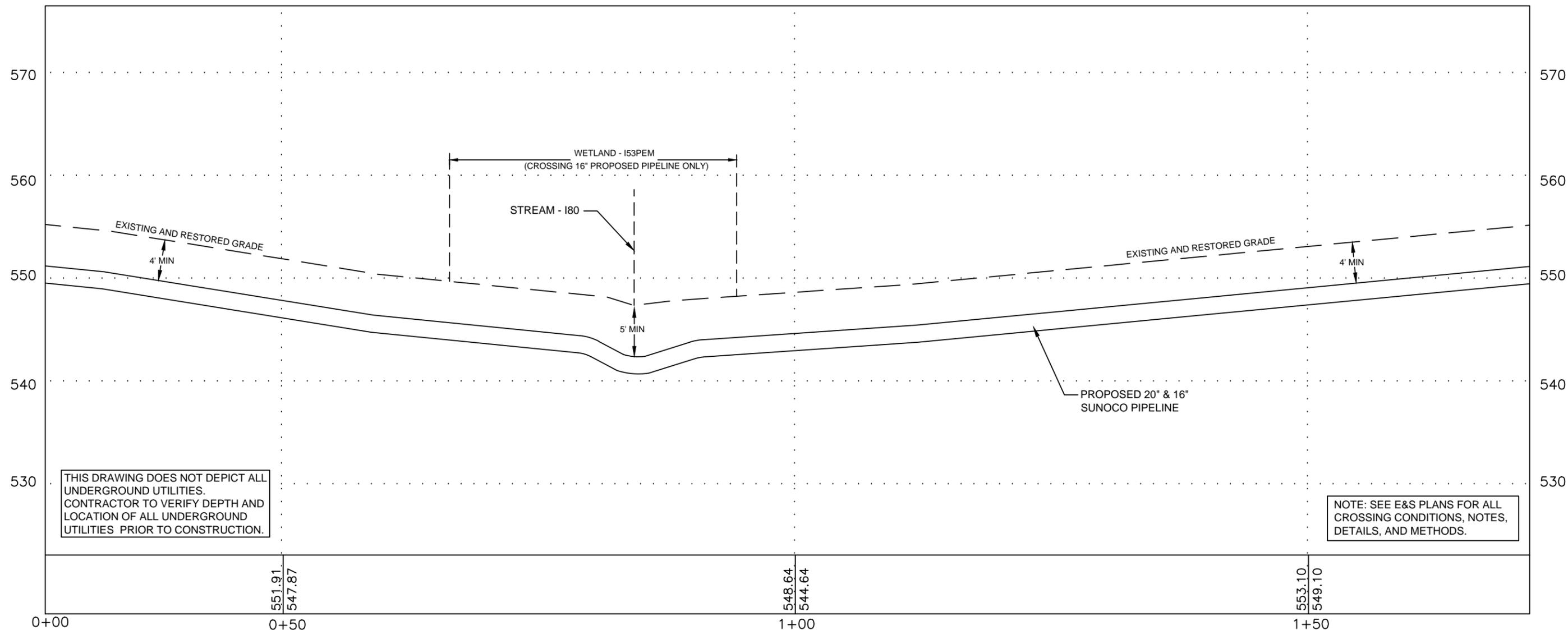
LOWER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/10/16 SCALE
REVISED 11/28/16 AS NOTED DWG: PA-CU-0088.0000-S-I79

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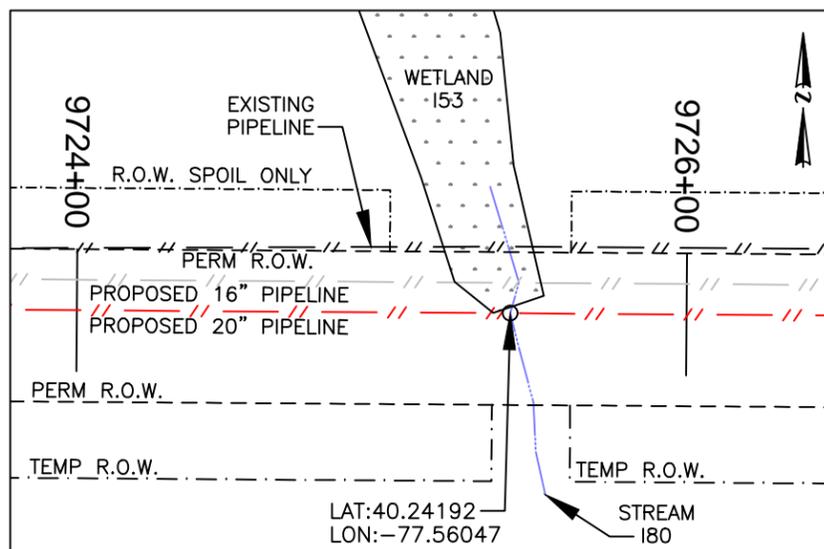
LOWER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I80



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

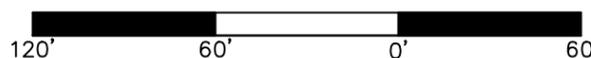


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

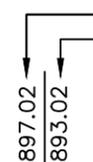
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

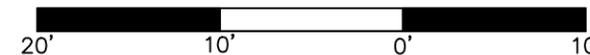
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
 525 FRITZTOWN ROAD
 SINKING SPRING, PA 19608
 PHONE NUMBER: 800-786-7440
 NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
 VERT. SCALE : 1" = 10'



SUNOCO
 STREAM - I80

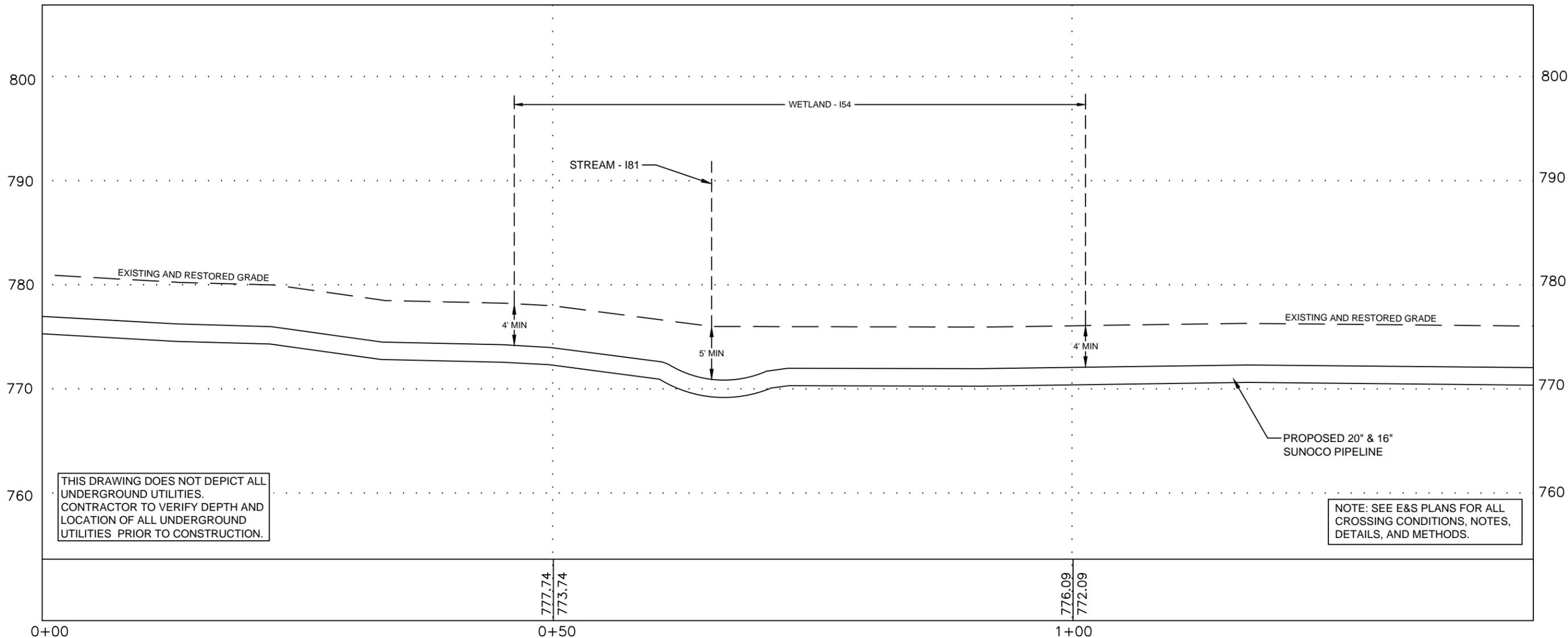
LOWER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/04/16 SCALE
 REVISED 11/29/16 AS NOTED DWG: PA-CU-0088.0000-S-I80

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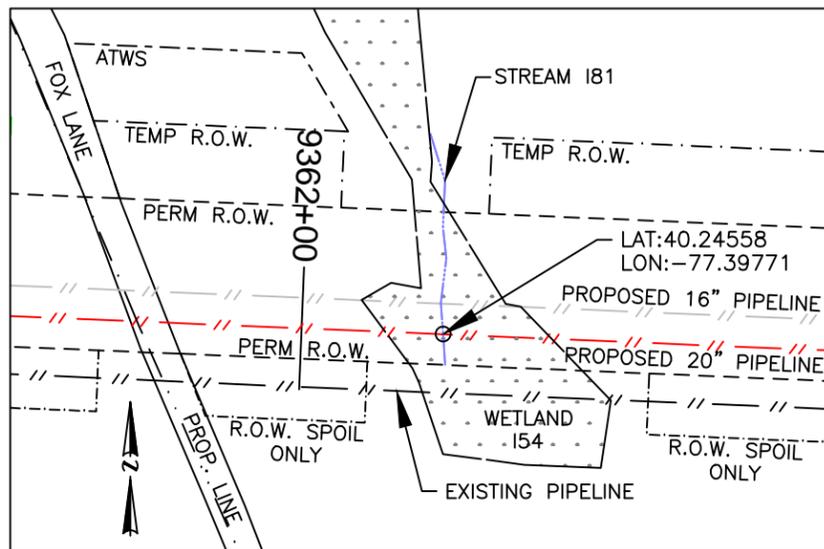
UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I81



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

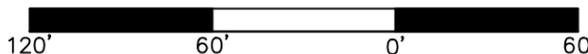


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

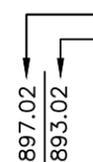
PLAN

HORIZ. SCALE : 1" = 60'



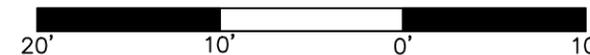
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - I81

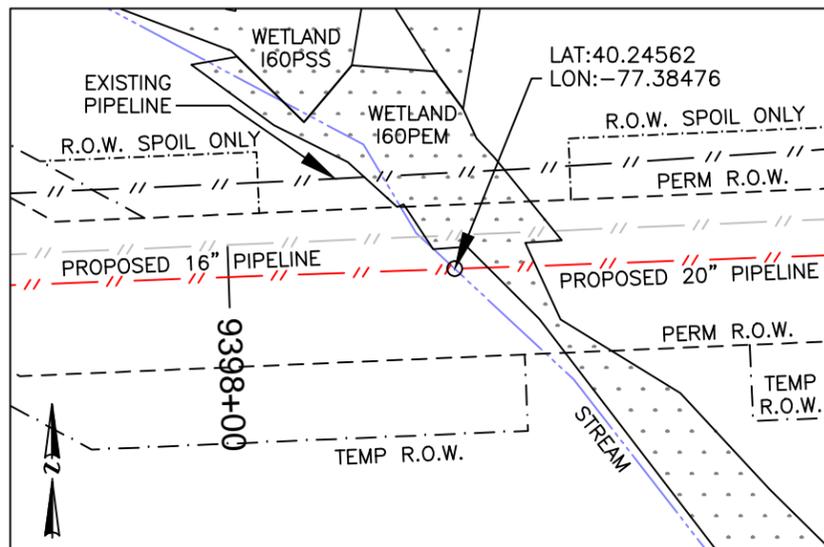
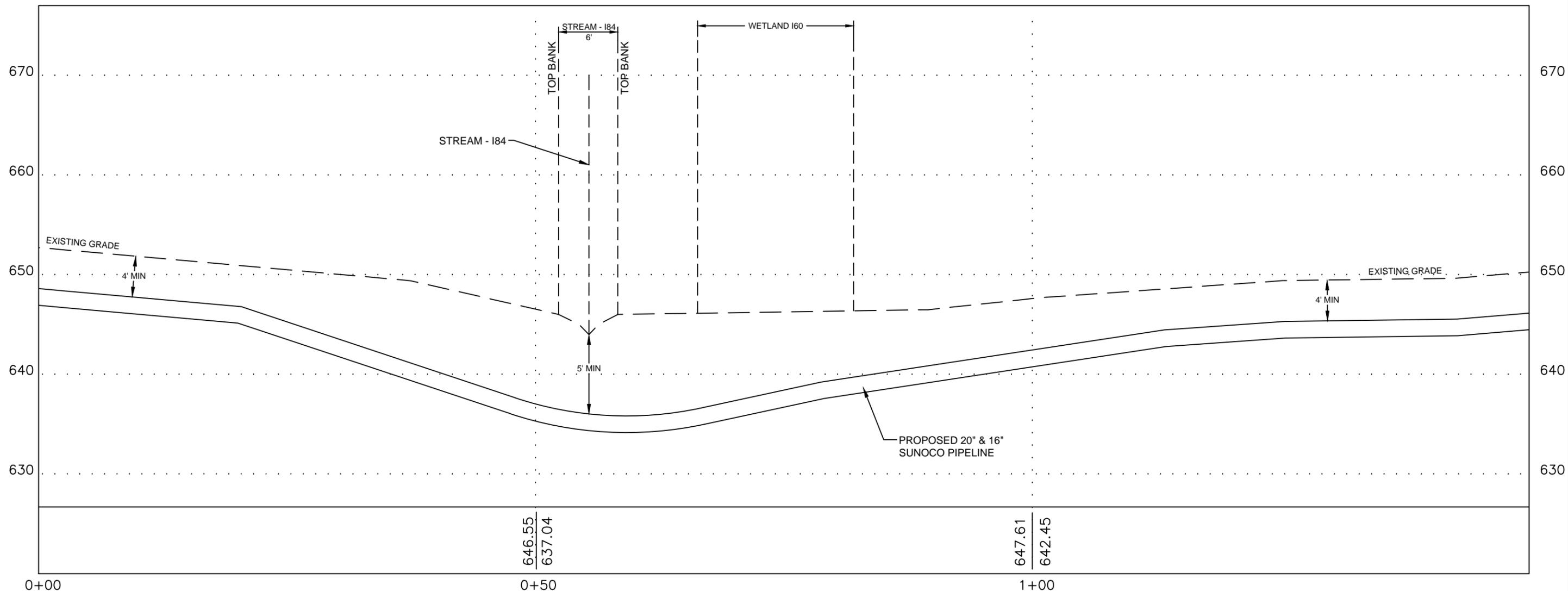
UPPER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/03/16 SCALE
REVISED 11/29/16 AS NOTED DWG: PA-CU-0037.0000-S-I81

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UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I84

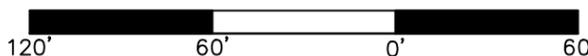


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

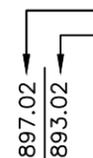
PLAN

HORIZ. SCALE : 1" = 60'



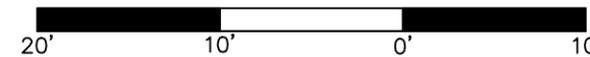
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM
PENNSYLVANIA STATE
PLANE SOUTH
NAD 83 US FEET

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 10-20-2016

SUNOCO
STREAM - I84

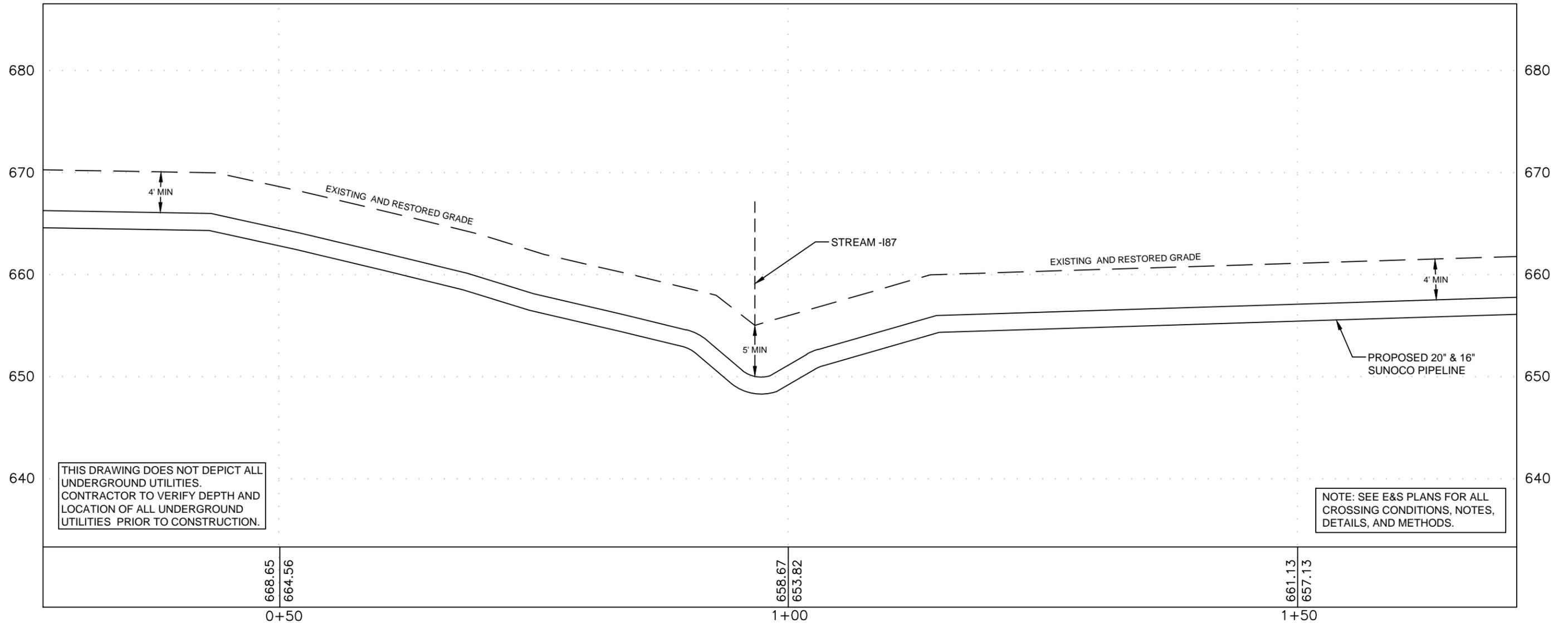
UPPER FRANKFORD TOWNSHIP CUMBERLAND COUNTY, PA

10/31/16 SCALE
REVISED XX/XX/XX AS NOTED DWG: PA-CU-0041.0000-S-I84

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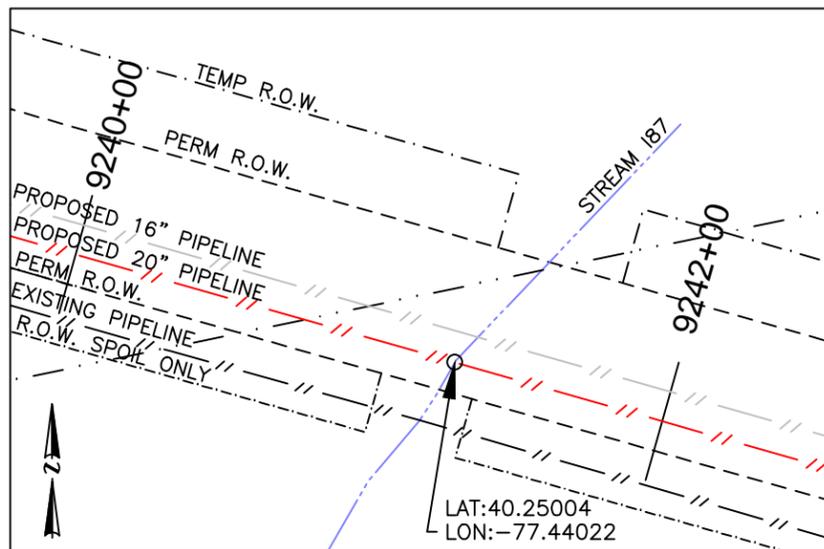
LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I87



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NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

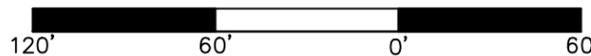


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

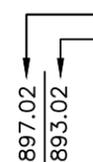
PLAN

HORIZ. SCALE : 1" = 60'



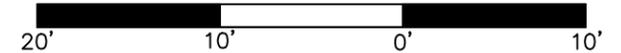
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH
NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - I87

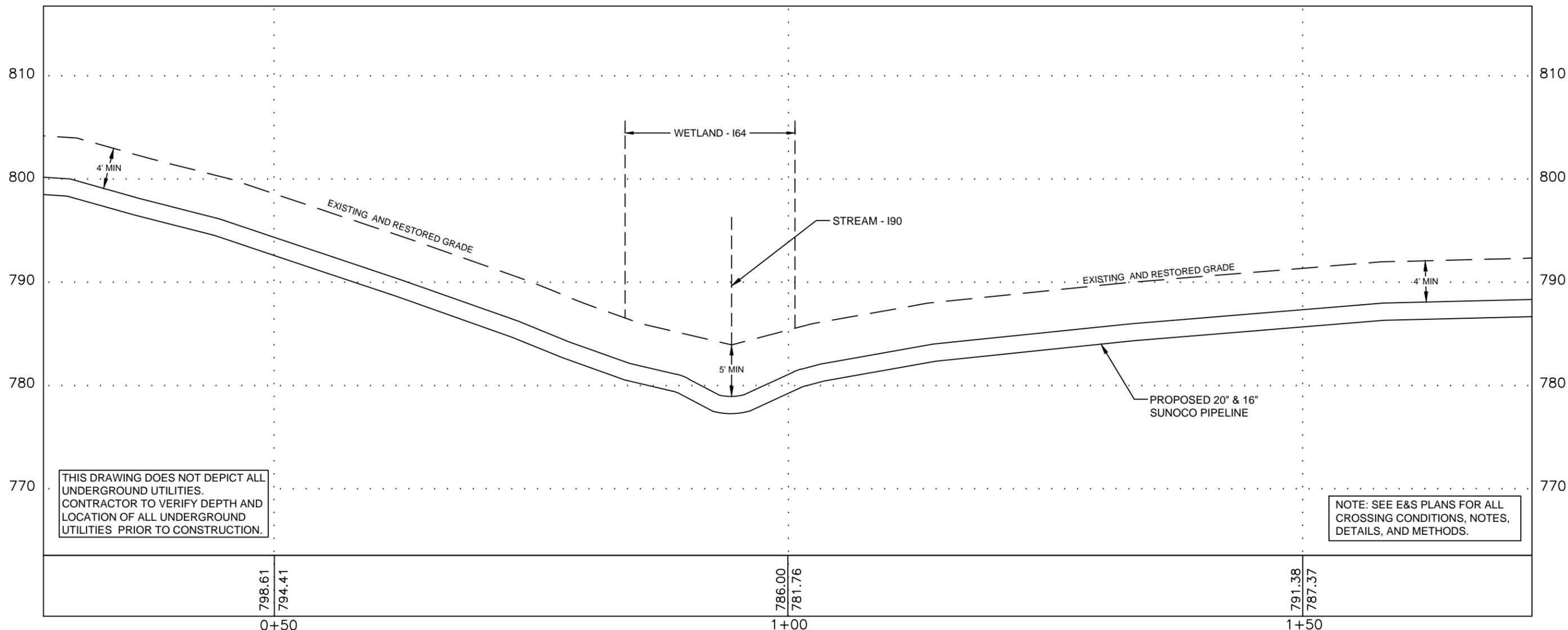
LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

11/11/16	SCALE	
REVISED 11/29/16	AS NOTED	DWG: PA-CU-0019.0000-S-I87

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WWW.TRICOSURVEYING.COM

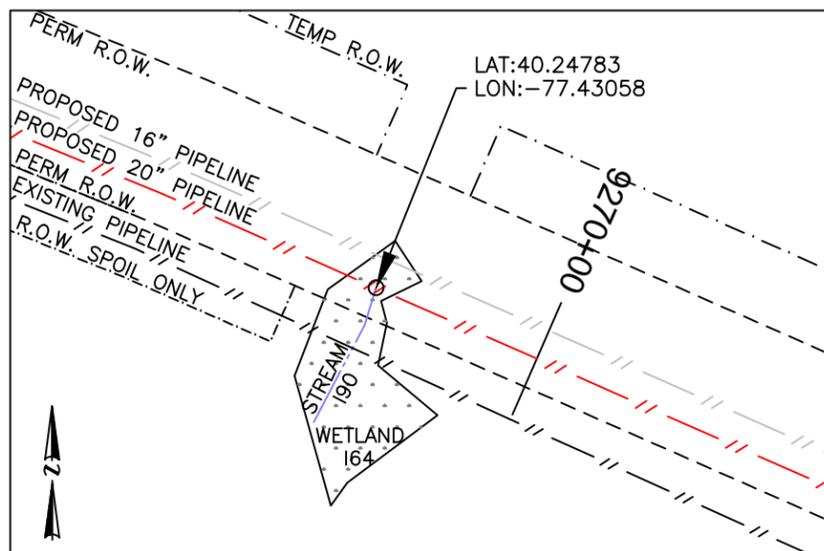
LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - I90



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NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

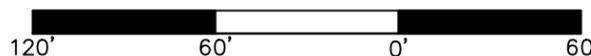


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

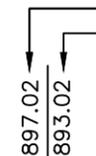
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

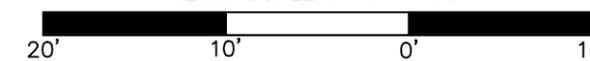
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



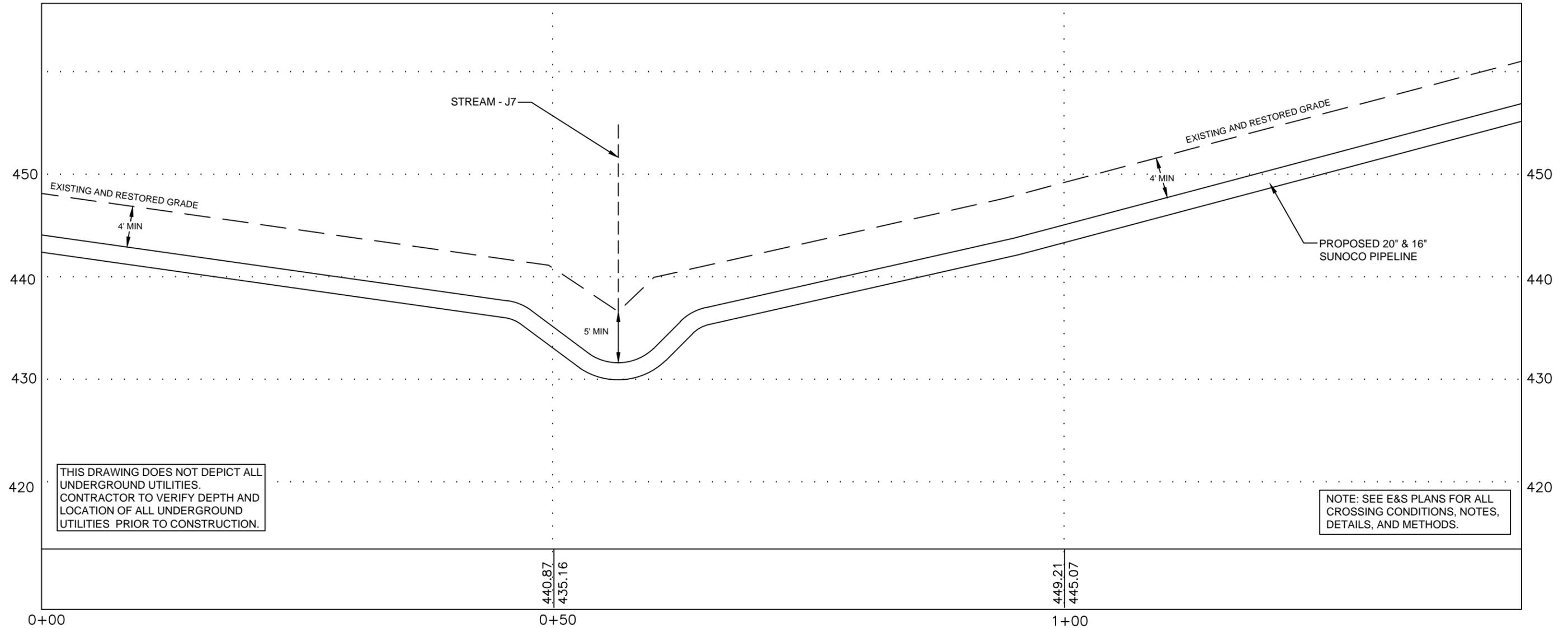
SUNOCO
STREAM - I90

LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

11/11/16	SCALE	
REVISED 11/30/16	AS NOTED	DWG: PA-CU-0020.0000-S-I90

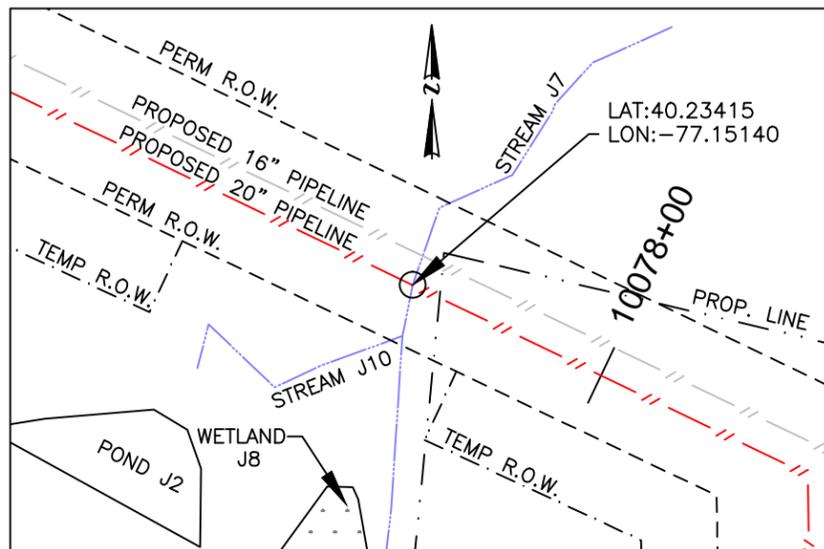
Prepared by TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
WWW.TRICOSURVEYING.COM

MIDDLESEX TOWNSHIP, CUMBERLAND COUNTY, PA
STREAM - J7



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

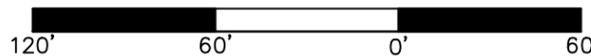


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

PLAN

HORIZ. SCALE : 1" = 60'



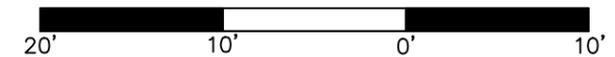
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.

897.02
893.02

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM
PENNSYLVANIA STATE PLANE SOUTH
NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - J7

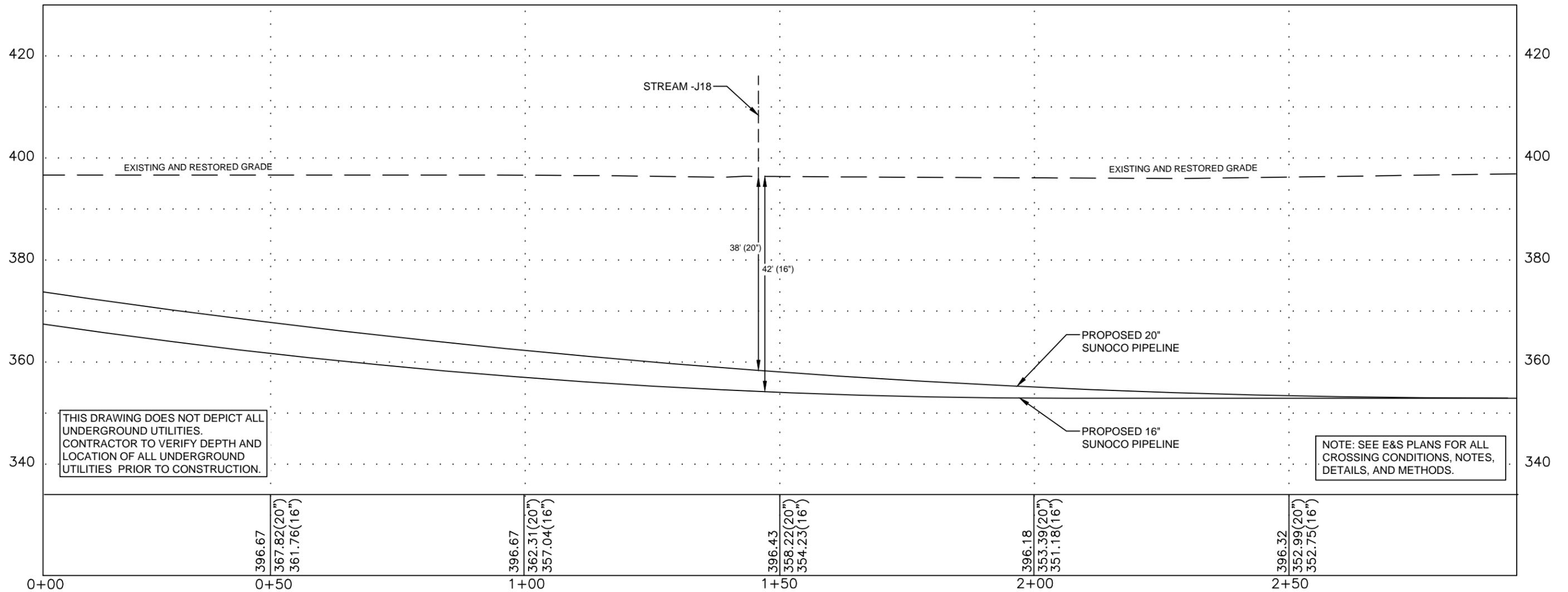
MIDDLESEX TOWNSHIP, CUMBERLAND COUNTY, PA

11/01/16	SCALE	
REVISED 11/28/16	AS NOTED	DWG: PA-CU-0135.0000-S-J7

Prepared by  TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
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NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

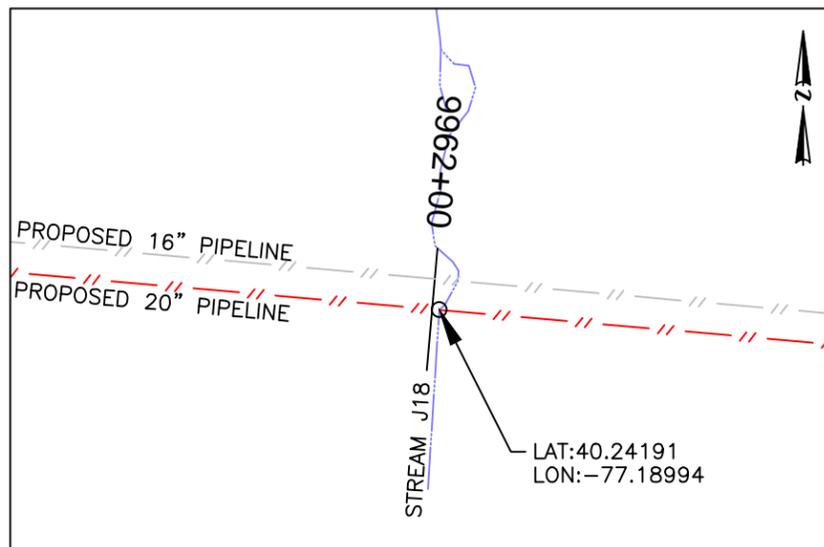
STREAM - J18



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

0+00	0+50	1+00	1+50	2+00	2+50
	396.67	396.67	396.43	396.18	396.32
	367.82(20")	362.31(20")	358.22(20")	353.39(20")	352.99(20")
	361.76(16")	357.04(16")	354.23(16")	351.18(16")	352.75(16")

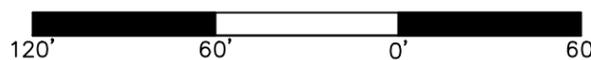


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

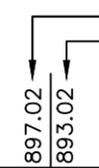
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

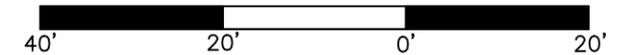
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 20'
VERT. SCALE : 1" = 20'



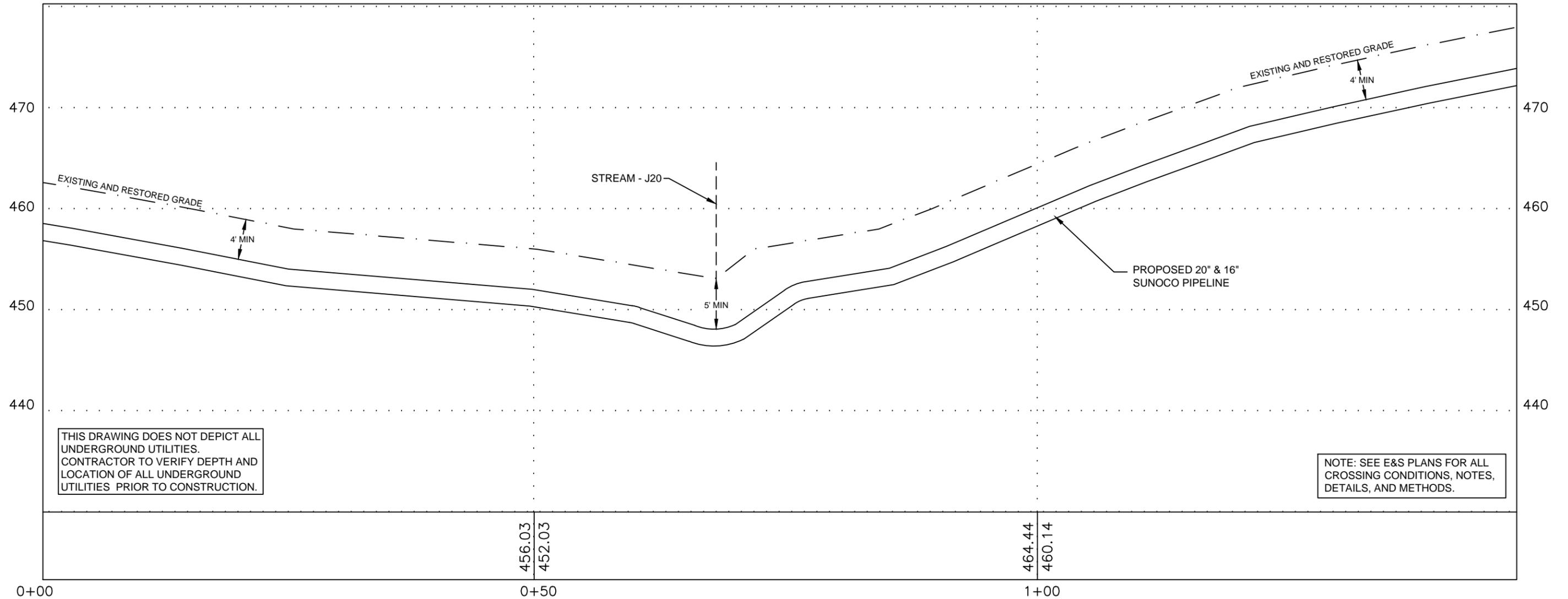
SUNOCO
STREAM - J18

NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

11/14/16 SCALE
REVISED 11/28/16 AS NOTED DWG: PA-CU-0125.0001-WX-S-J18

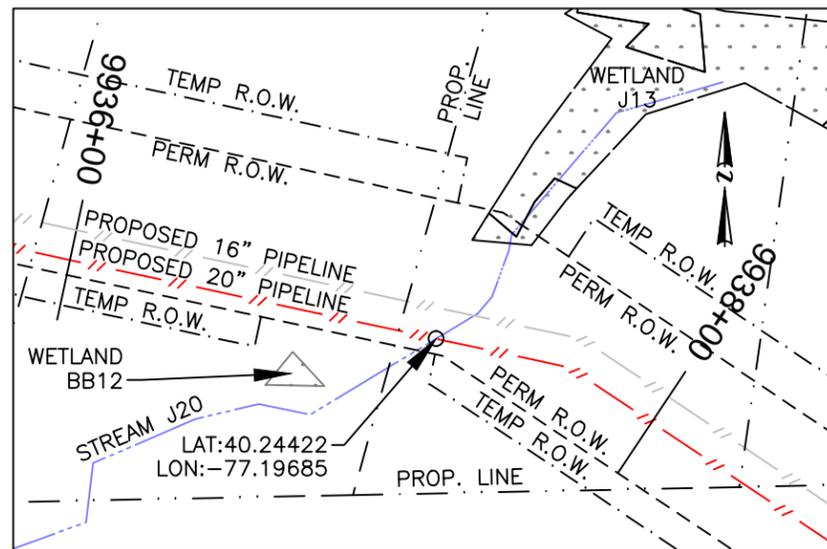
Prepared by  TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
WWW.TRICOSURVEYING.COM

NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA
STREAM - J20



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

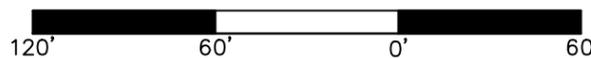


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.

897.02
893.02

COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

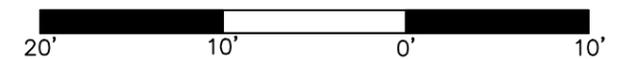
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
 525 FRITZTOWN ROAD
 SINKING SPRING, PA 19608
 PHONE NUMBER: 800-786-7440
 NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
 VERT. SCALE : 1" = 10'



SUNOCO
STREAM - J20

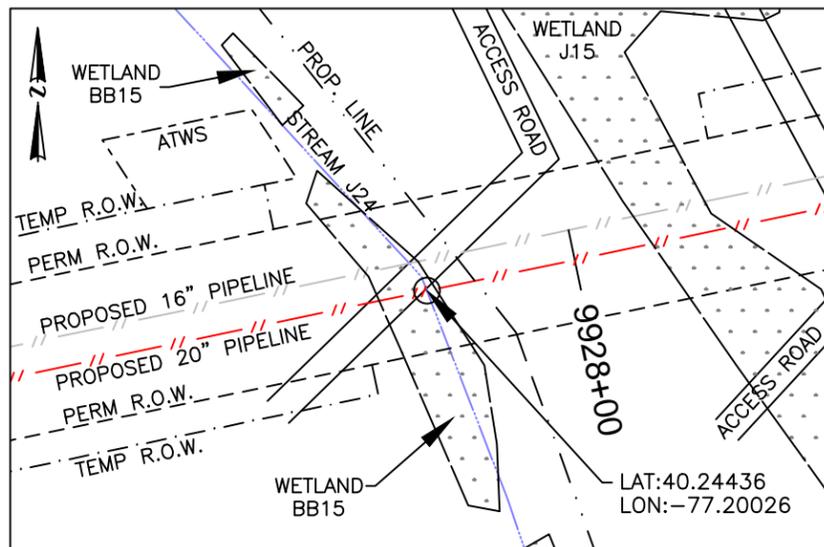
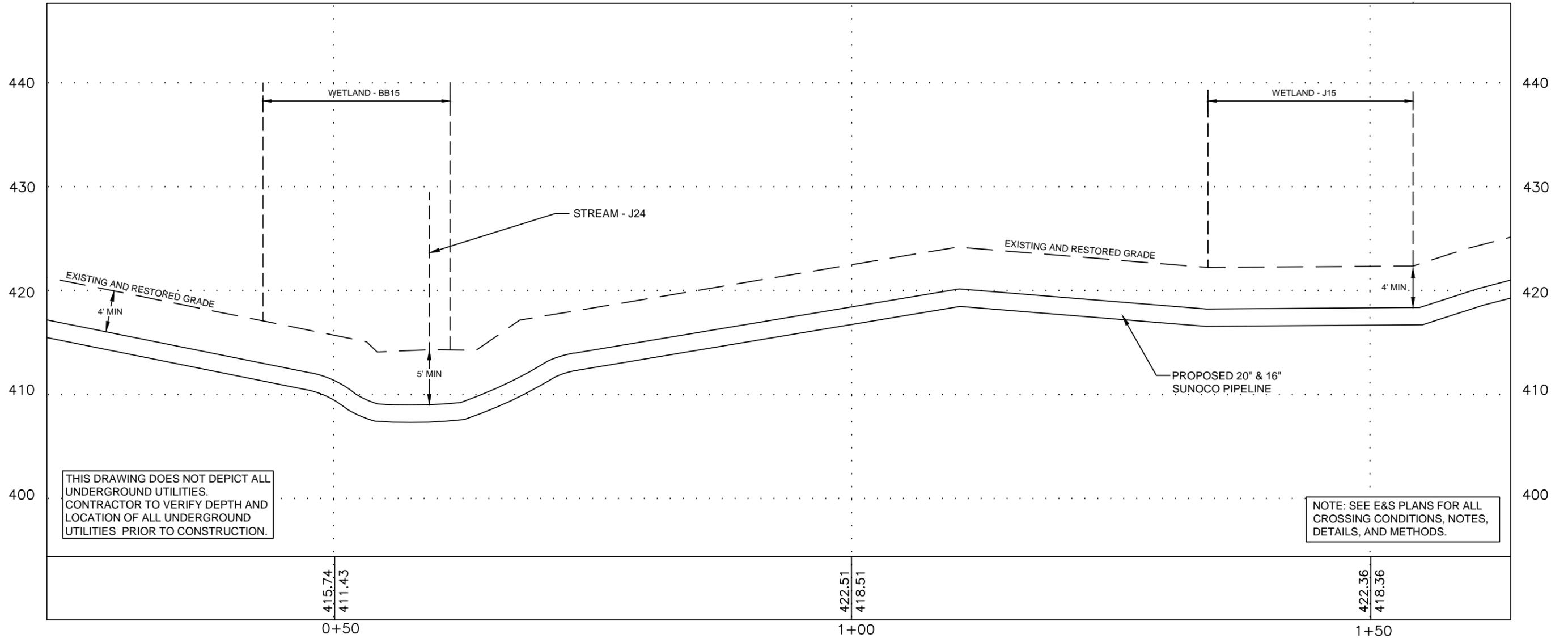
NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

11/09/16	SCALE	
REVISED 11/28/16	AS NOTED	DWG: PA-CU-0120.0000-S-J20

Prepared by TRICO SURVEYING AND MAPPING
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NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - J24

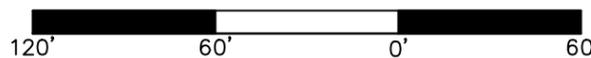


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

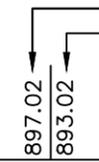
PLAN

HORIZ. SCALE : 1" = 60'



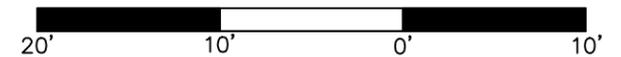
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - J24

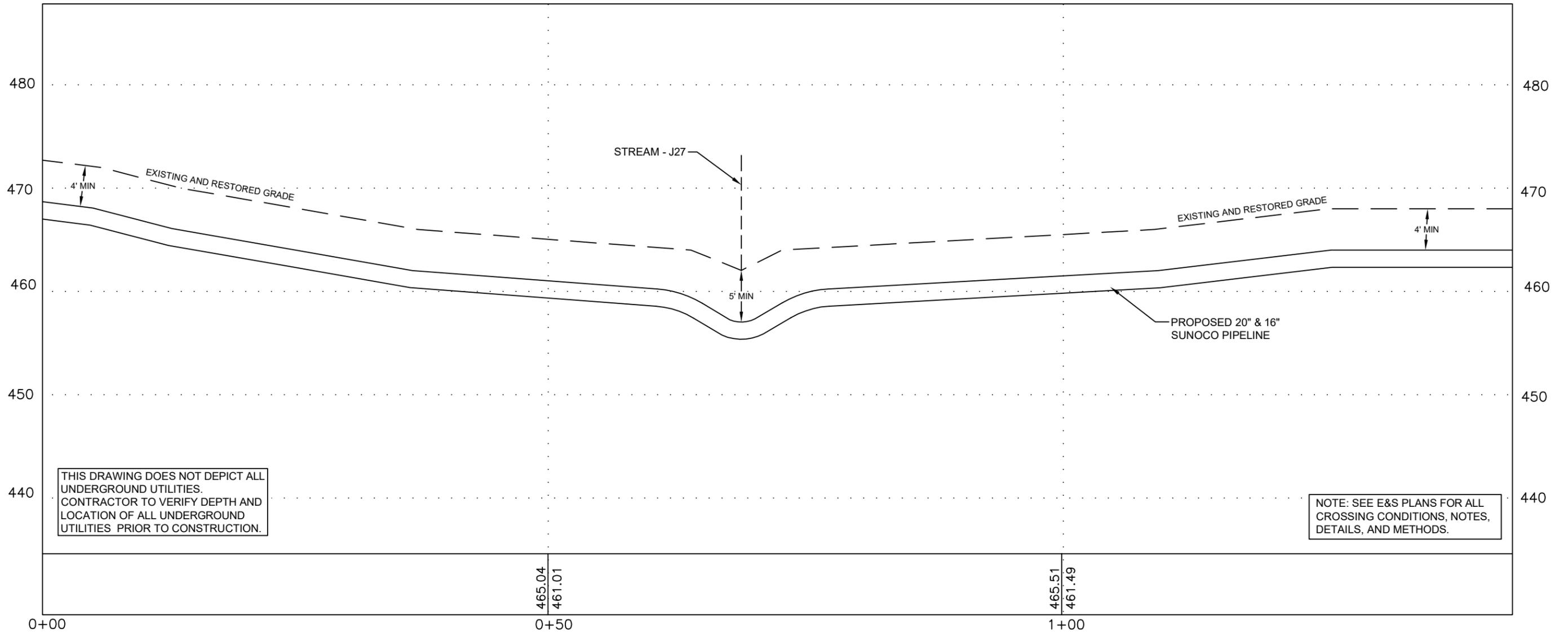
NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

11/01/16	SCALE	
REVISED 11/28/16	AS NOTED	DWG: PA-CU-0114.0000-S-J24

Prepared by  TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
WWW.TRICOSURVEYING.COM

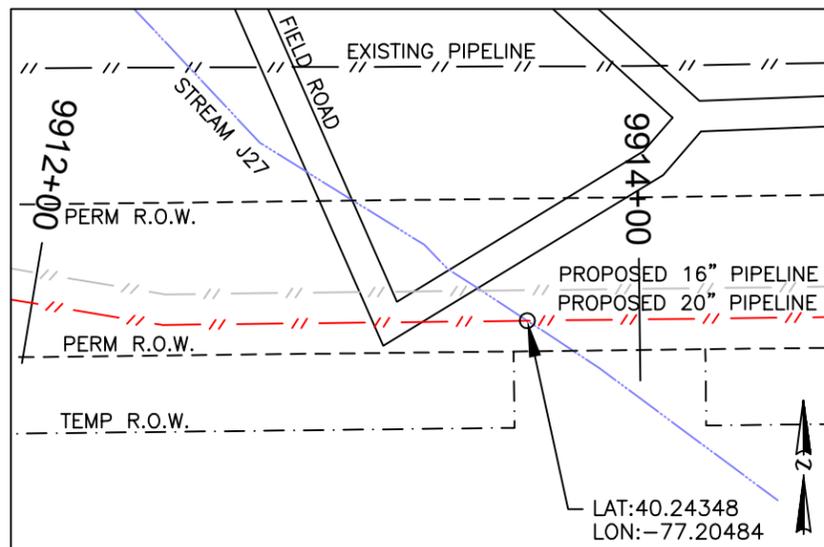
NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

STREAM - J27 & STREAM - J25



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

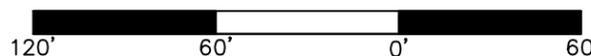


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

PLAN

HORIZ. SCALE : 1" = 60'



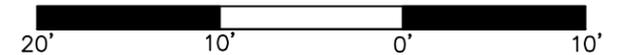
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH
NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

24/7 CONTACT INFO & PIPE MARKER INFO:

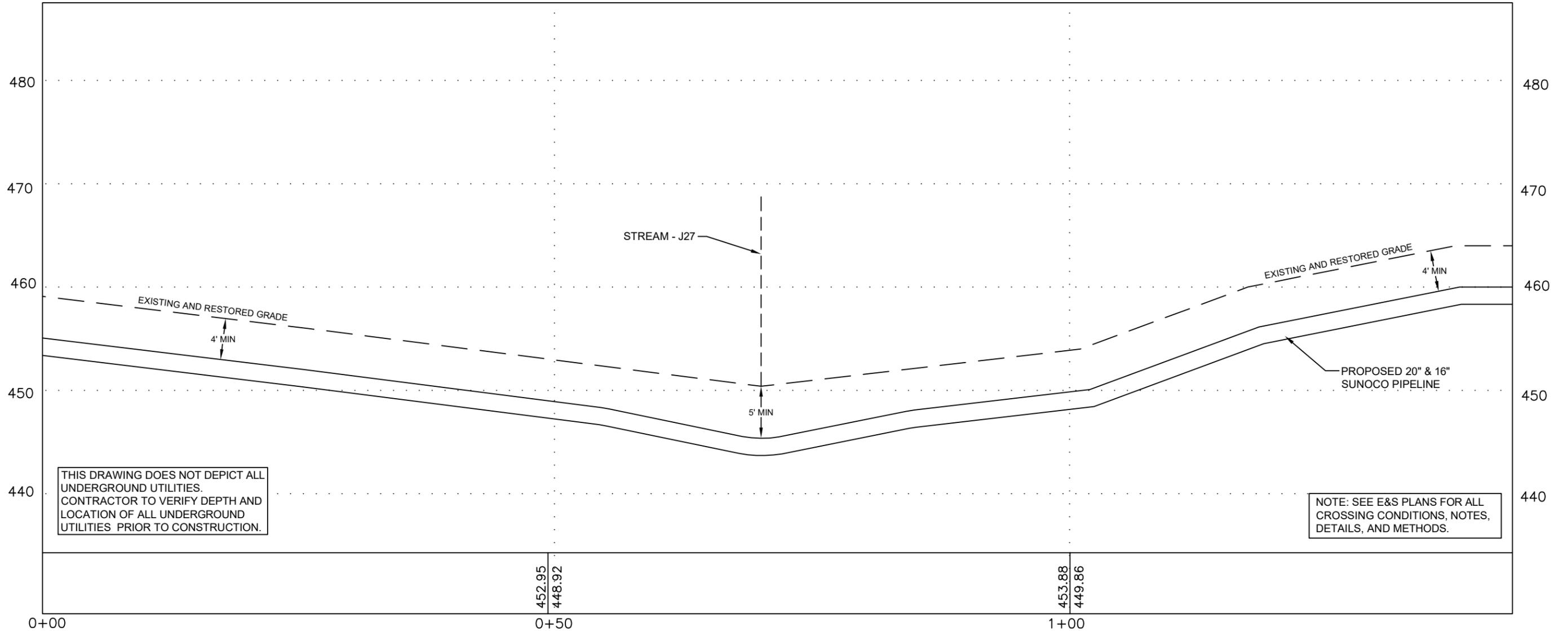
SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO		
STREAM - J27 & STREAM - J25		
NORTH MIDDLETON TWP., CUMBERLAND COUNTY, PA		
11/09/16	SCALE	SHEET 1 OF 2
REVISED 11/28/16	AS NOTED	DWG:PA-CU-0113.0000-S-J27_J25
Prepared by	TRICO SURVEYING AND MAPPING BLOOMINGTON, INDIANA WWW.TRICOSURVEYING.COM	1

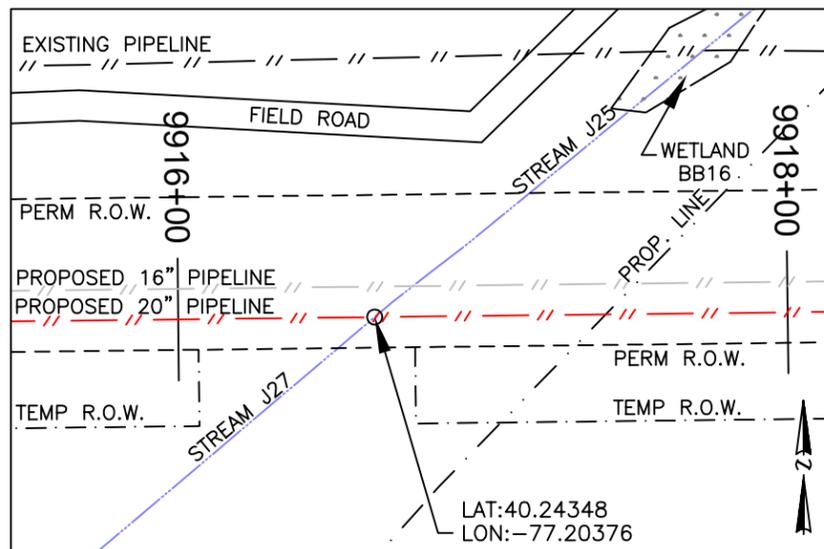
NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA

STREAM - J27 & STREAM - J25



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

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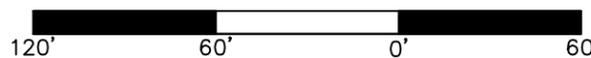


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.

897.02
893.02

24/7 CONTACT INFO & PIPE MARKER INFO:

COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH
NAD 83 US FEET

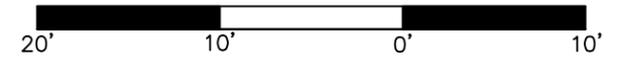
GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO

STREAM - J27 & STREAM - J25

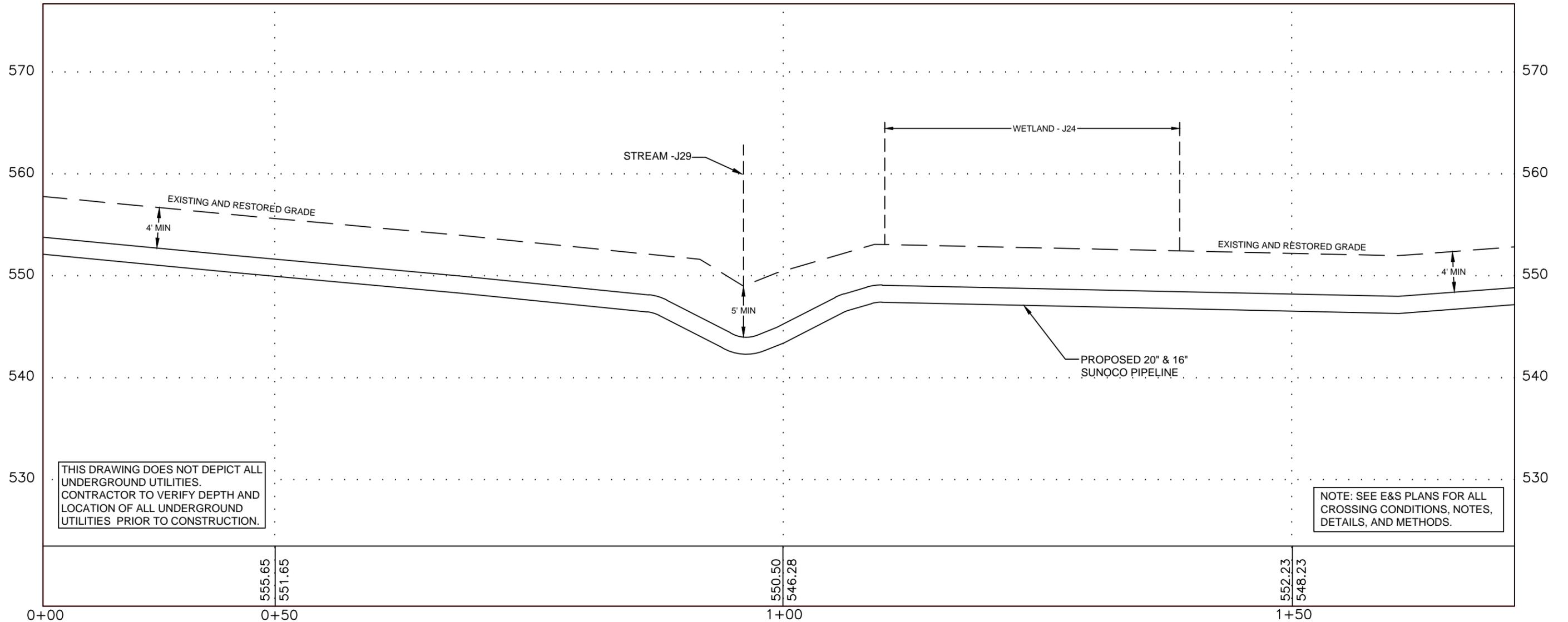
NORTH MIDDLETON TWP., CUMBERLAND COUNTY, PA

11/09/16	SCALE	SHEET 2 OF 2
REVISED 11/28/16	AS NOTED	DWG:PA-CU-0113.0000-S-J27_J25

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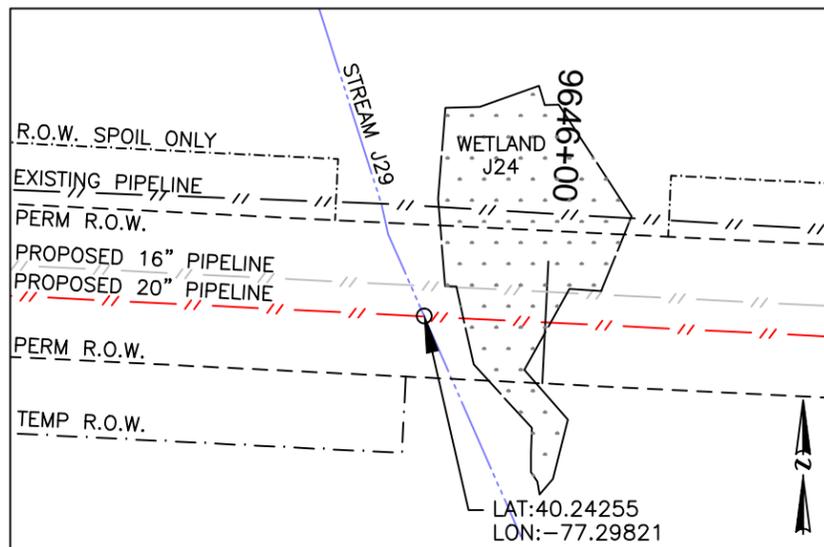
LOWER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - J29



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

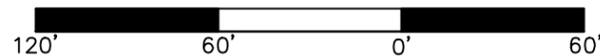


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

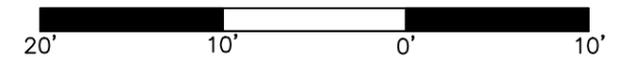
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO
STREAM - J29

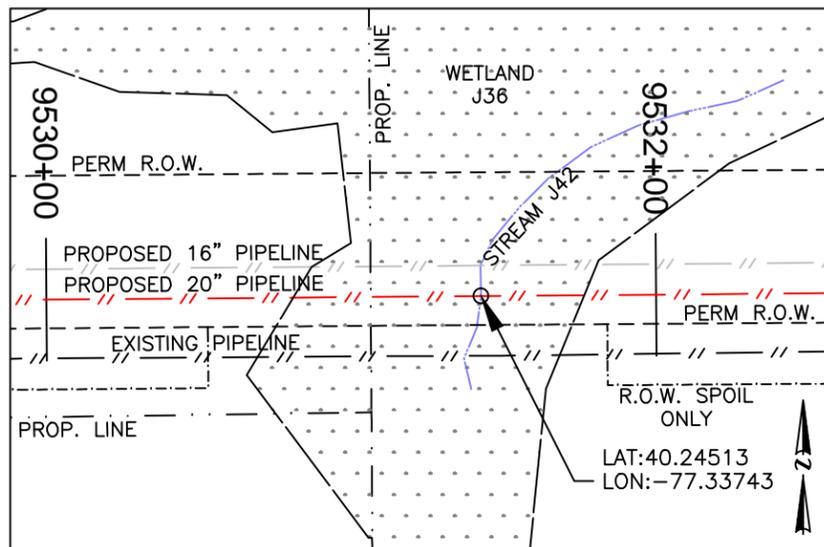
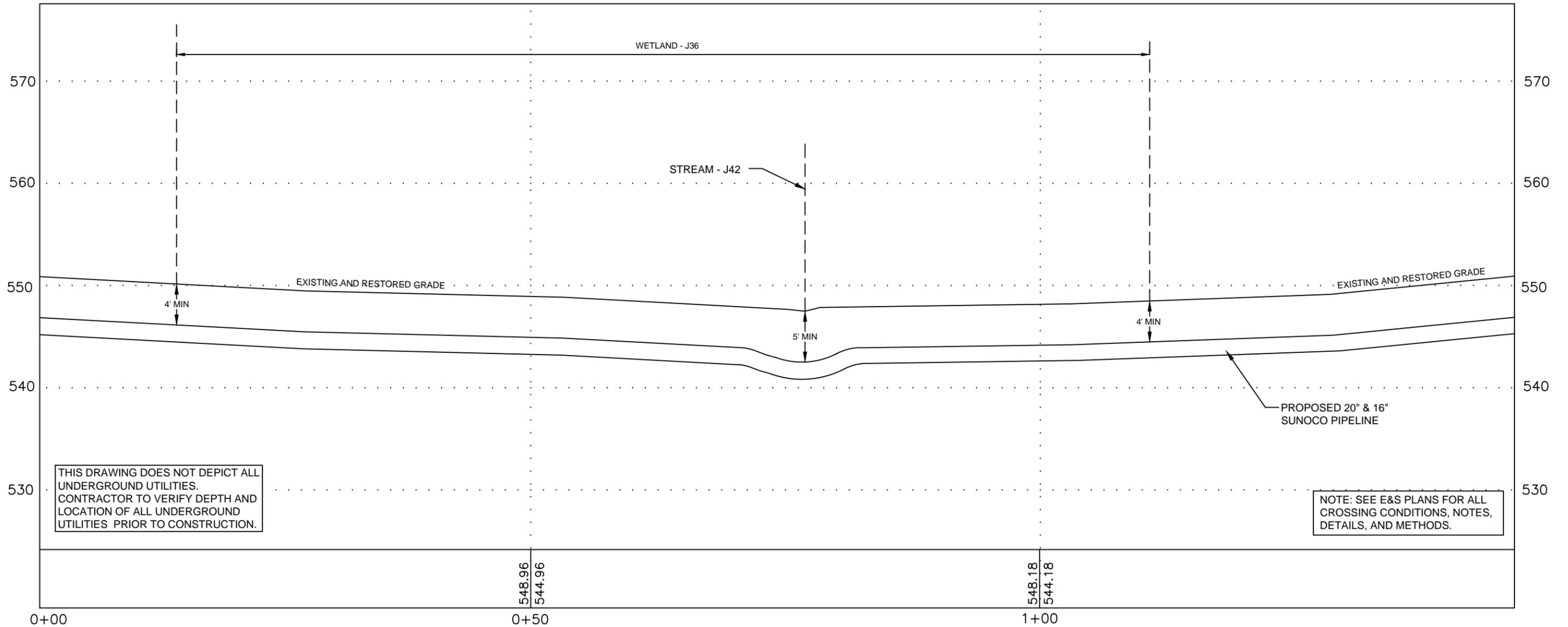
LOWER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

11/11/16 SCALE
REVISED 11/29/16 AS NOTED DWG: PA-CU-0075.0000-S-J29

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UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - J42

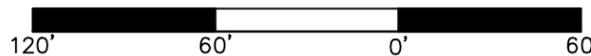


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

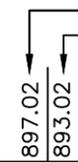
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

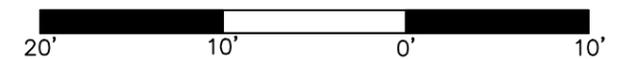
COORDINATE SYSTEM
PENNSYLVANIA STATE
PLANE SOUTH
NAD 83 US FEET

GRADE SOURCE:
SURVEYING DATA

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO
STREAM - J42

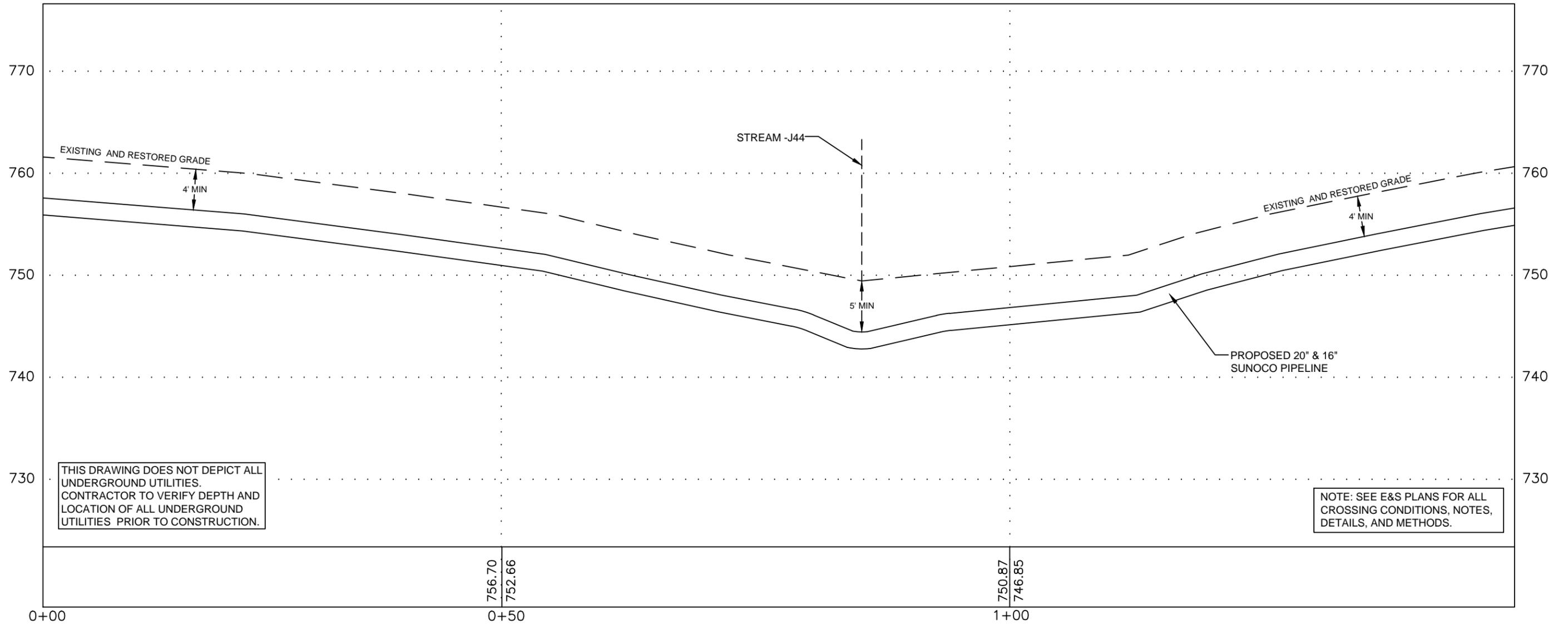
UPPER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/04/16 SCALE
REVISED 11/29/16 AS NOTED DWG: PA-CU-0058.0000-S-J42

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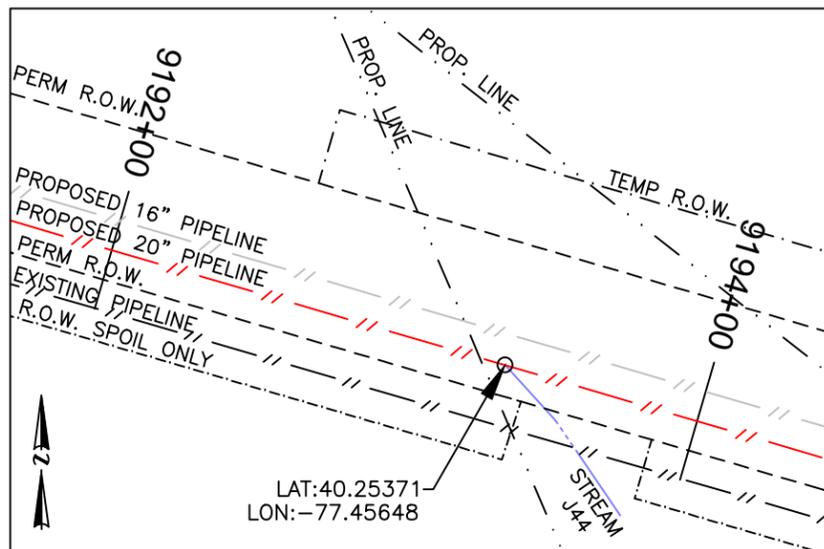
LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - J44



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NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

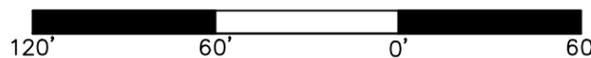


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

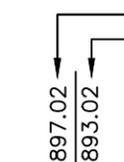
PLAN

HORIZ. SCALE : 1" = 60'



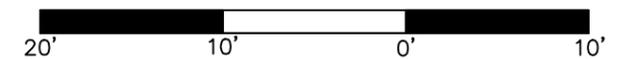
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - J44

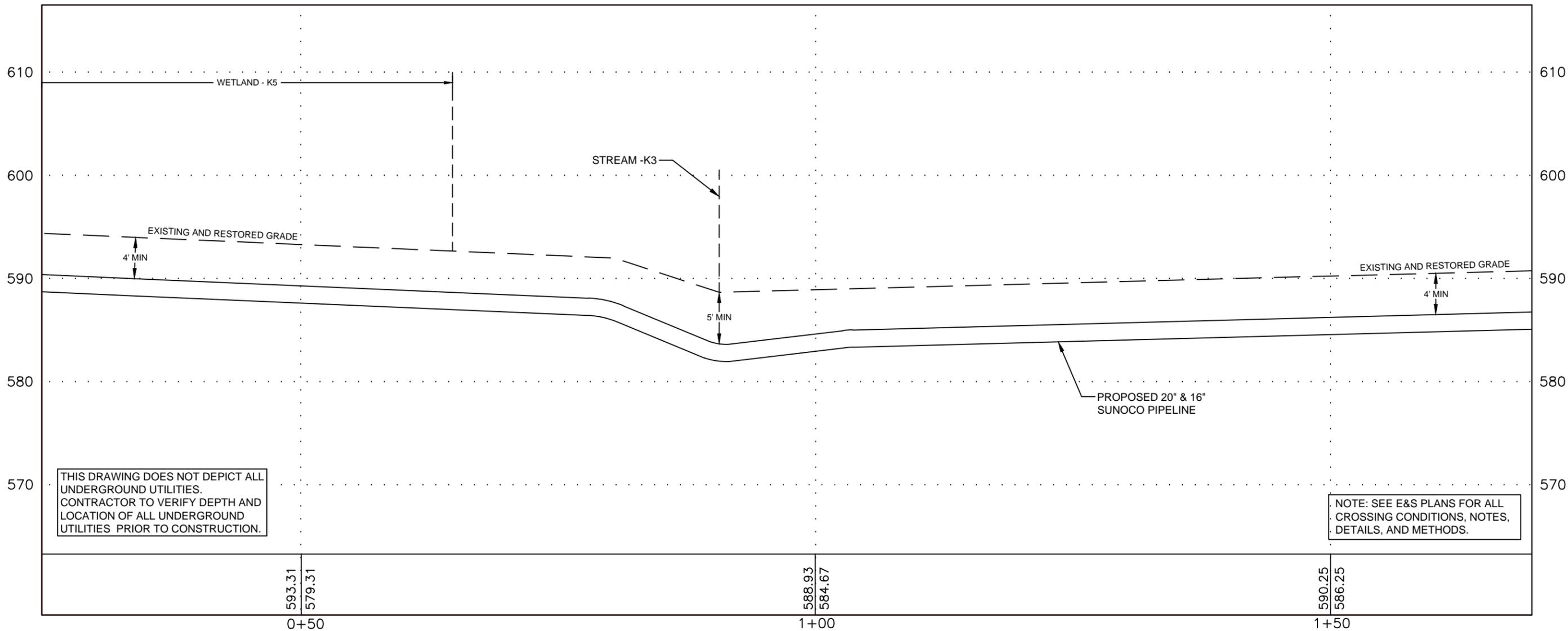
LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

11/11/16	SCALE	
REVISED 11/30/16	AS NOTED	DWG: PA-CU-0006.0001-S-J44

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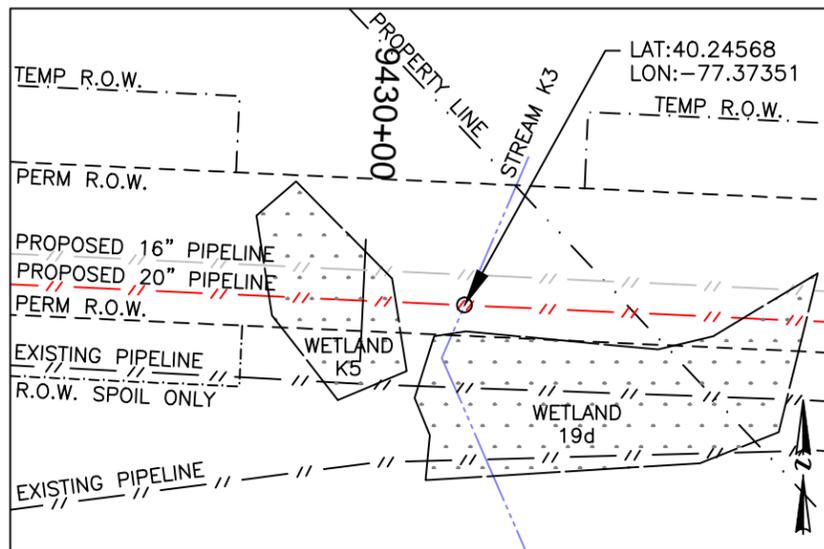
UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K3



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

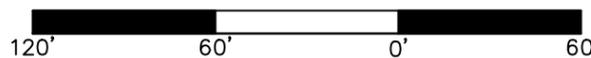


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

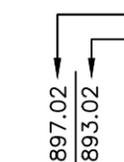
PLAN

HORIZ. SCALE : 1" = 60'



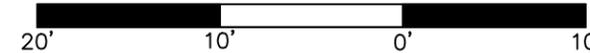
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - K3

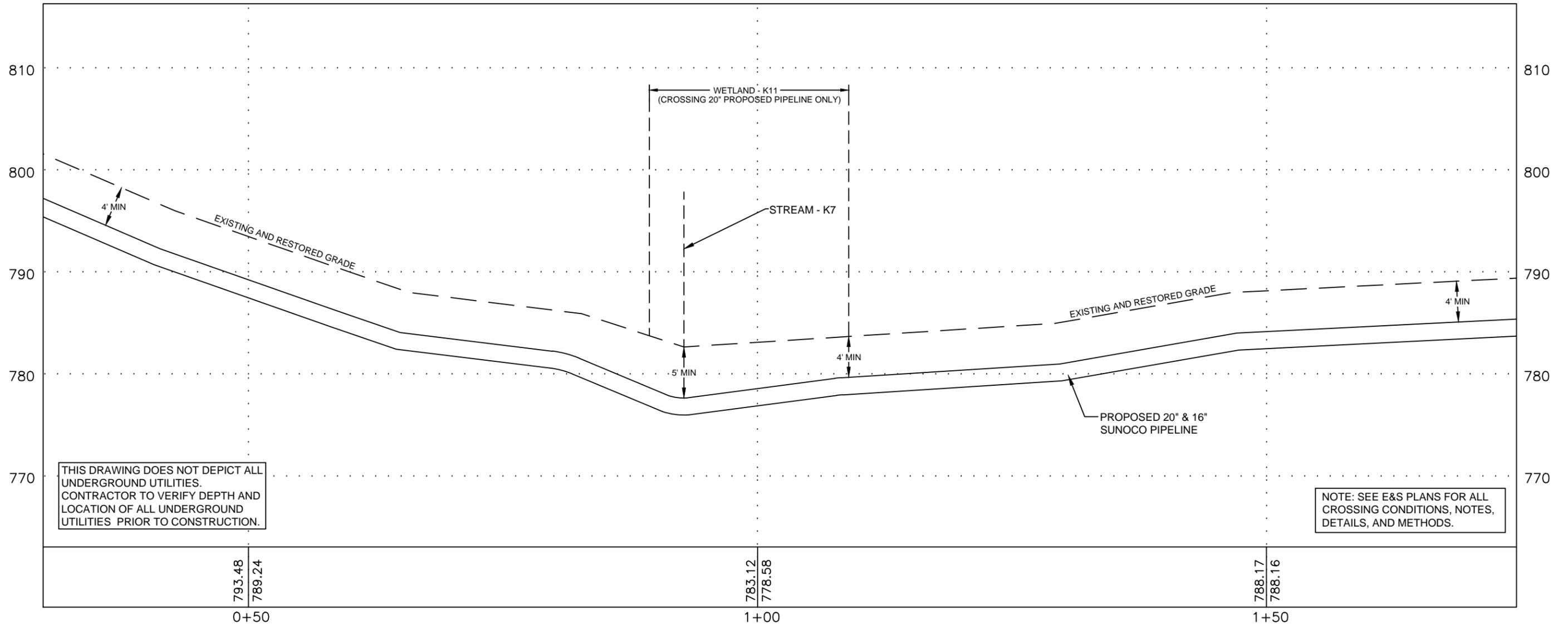
UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

11/10/16	SCALE	
REVISED 11/29/16	AS NOTED	DWG: PA-CU-0043.0000-S-K3

Prepared by  TRICO SURVEYING AND MAPPING
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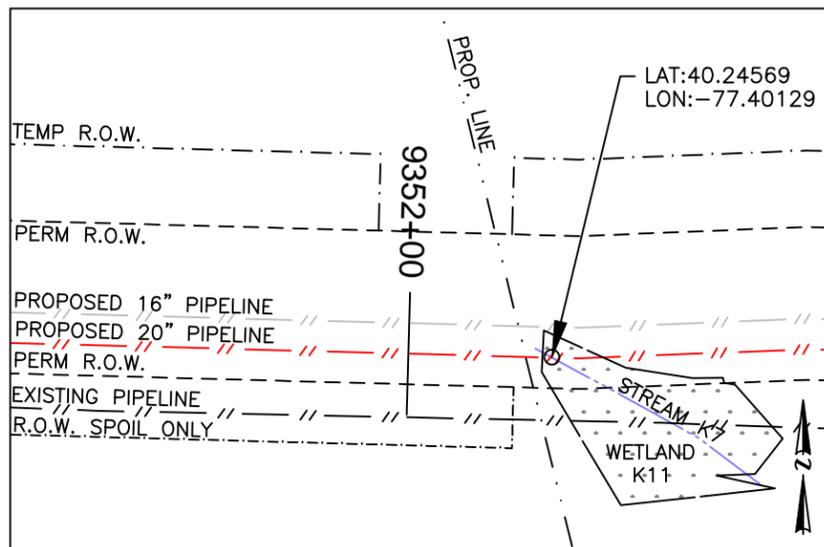
UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K7



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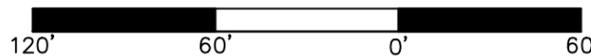


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

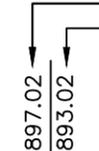
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

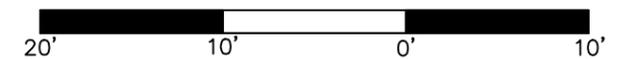
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO
STREAM - K7

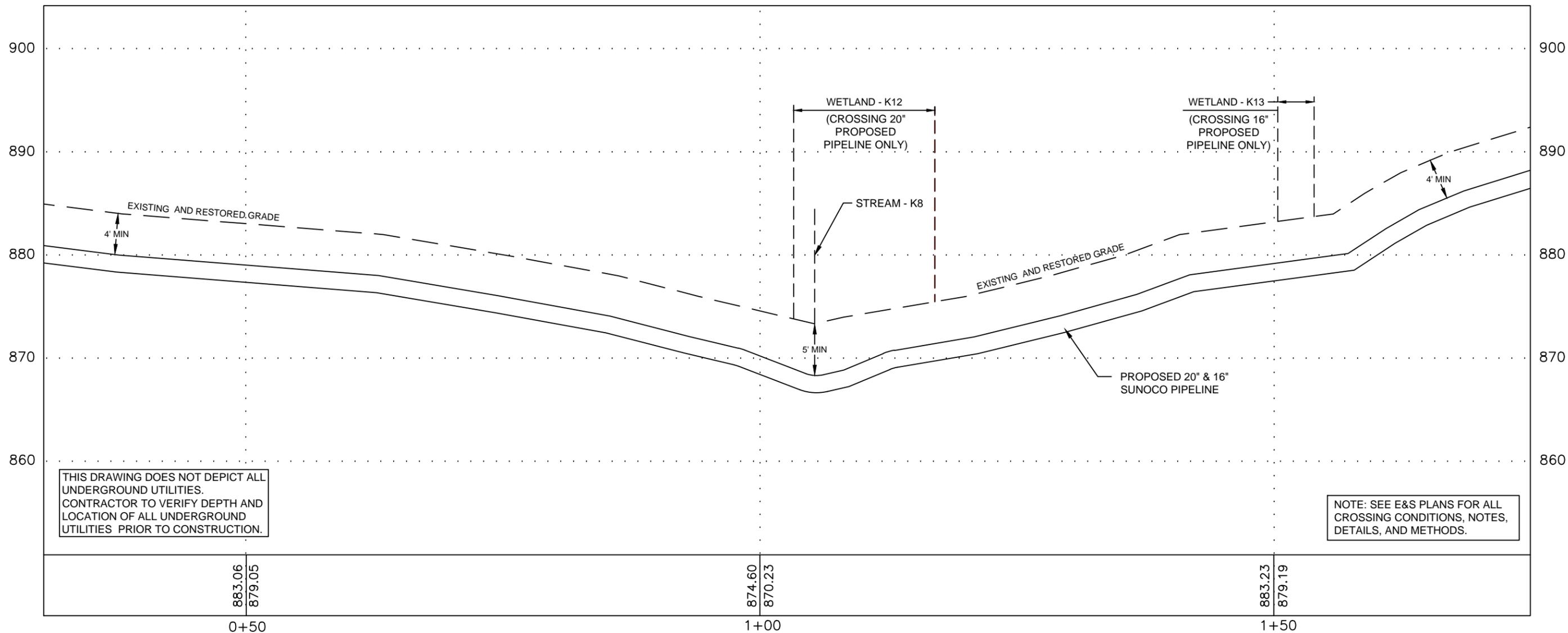
UPPER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/10/16 SCALE
REVISED 11/29/16 AS NOTED DWG: PA-CU-0034.0000-S-K7

Prepared by TRICO SURVEYING AND MAPPING
BLOOMINGTON, INDIANA
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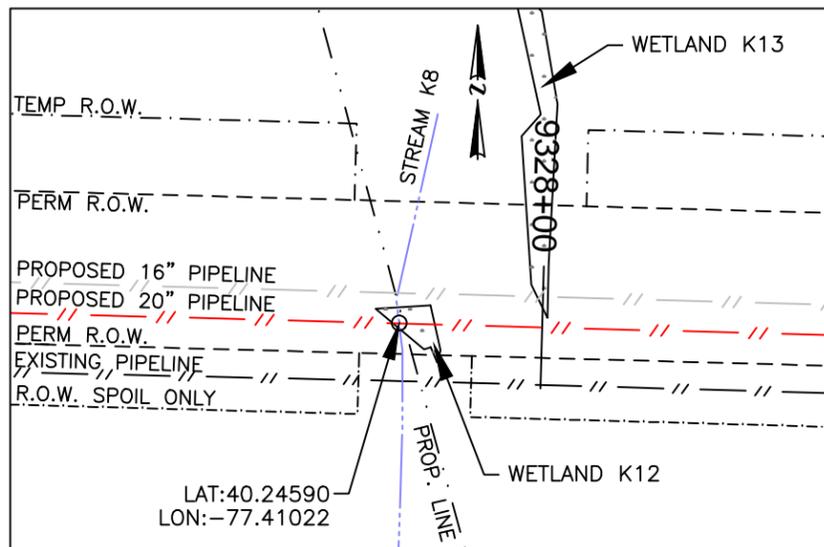
UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K8



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

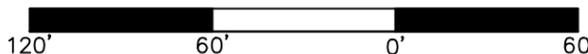


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

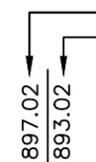
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

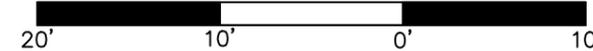
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
 525 FRITZTOWN ROAD
 SINKING SPRING, PA 19608
 PHONE NUMBER: 800-786-7440
 NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
 VERT. SCALE : 1" = 10'



SUNOCO
 STREAM - K8

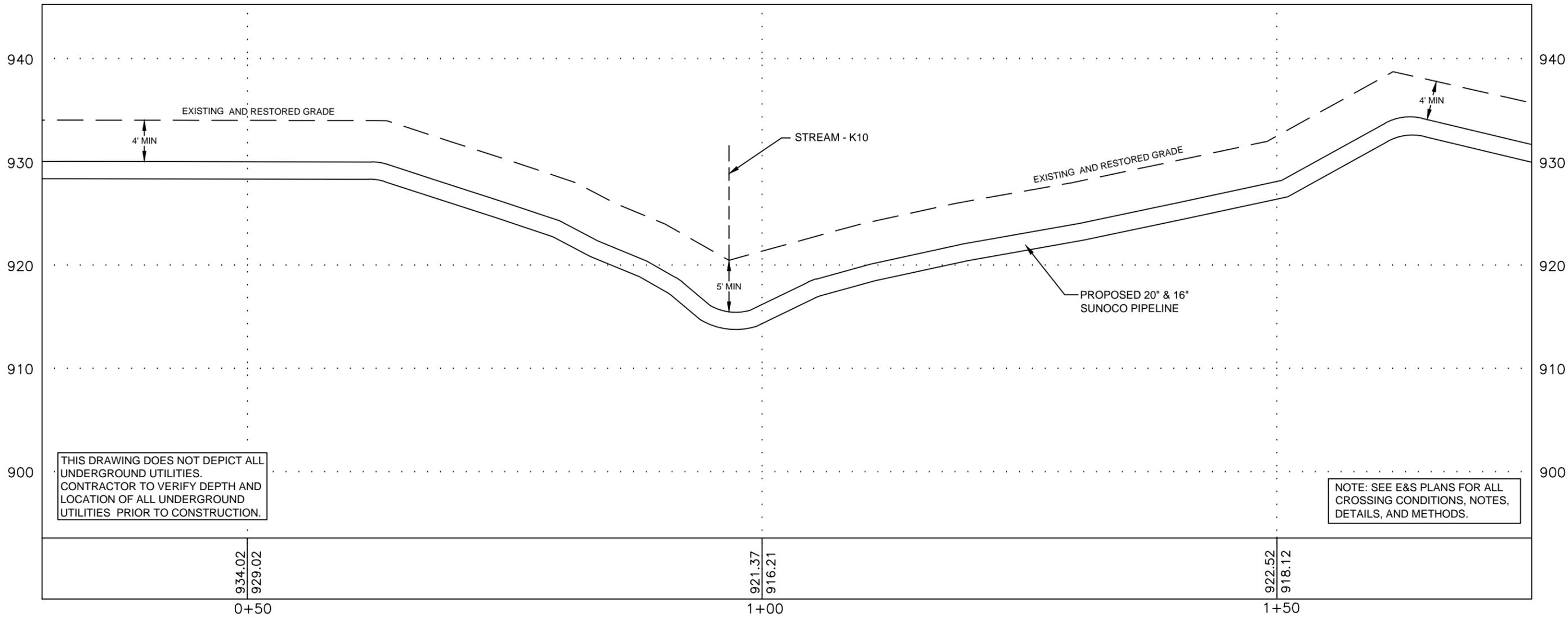
UPPER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/10/16	SCALE	
REVISED 11/30/16	AS NOTED	DWG: PA-CU-0031.0000-S-K8

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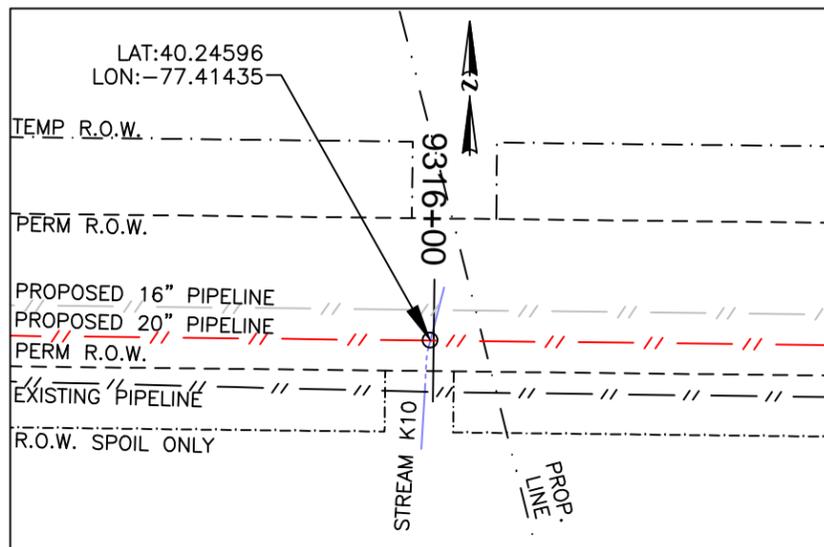
UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K10



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

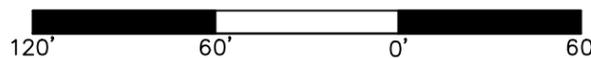


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

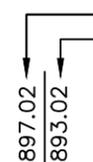
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA AND PASDA CONTOURS

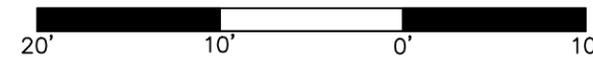
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO
STREAM - K10

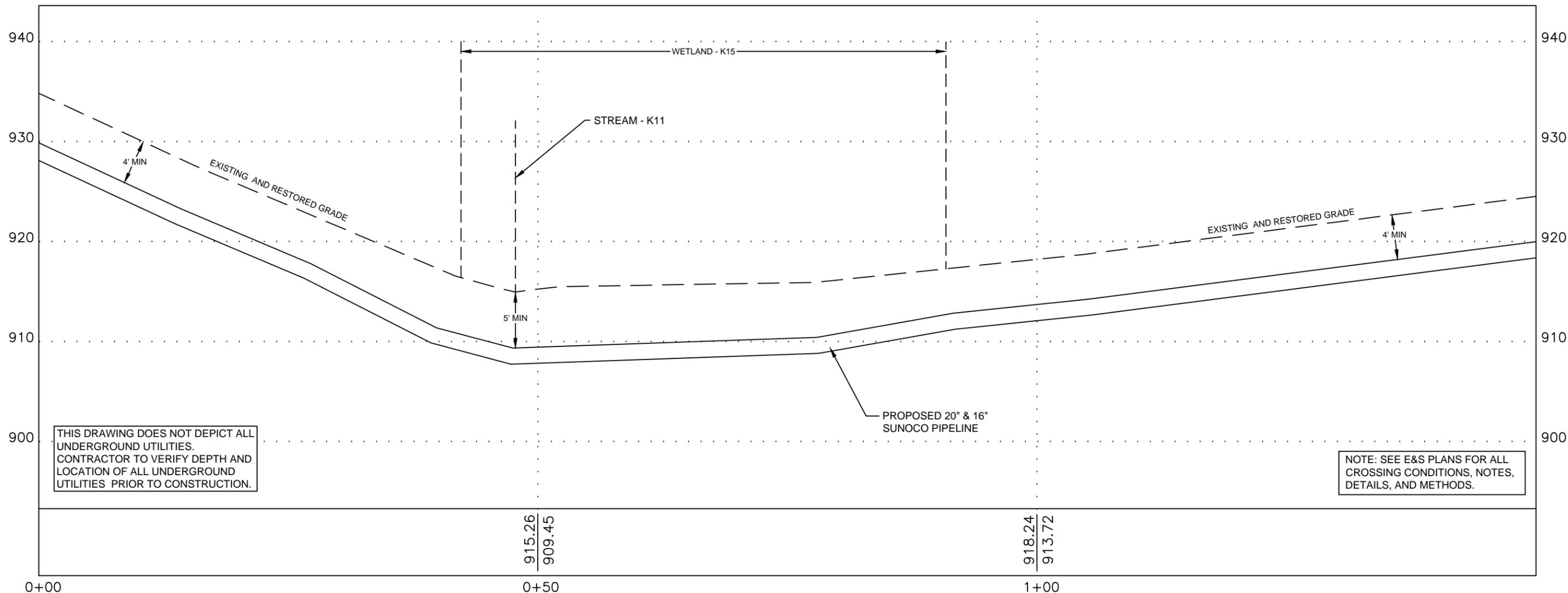
UPPER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/10/16	SCALE	
REVISED 11/29/16	AS NOTED	DWG: PA-CU-0029.0000-S-K10

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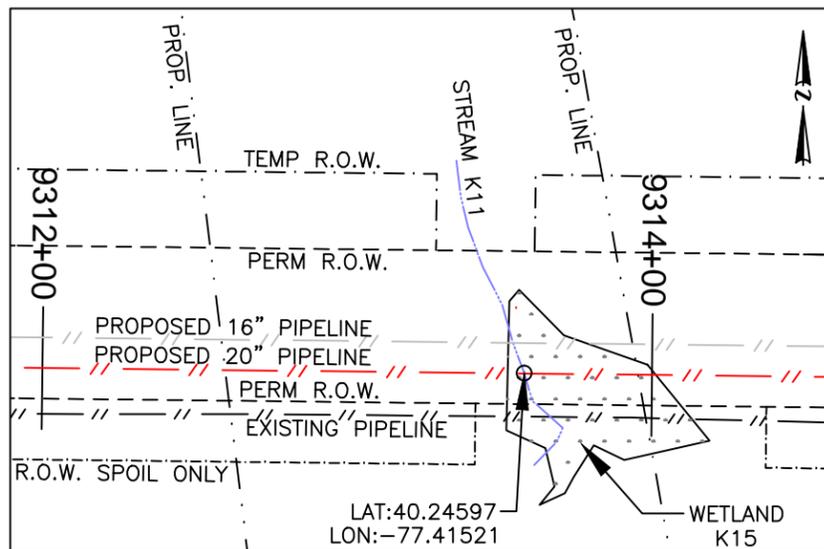
UPPER FRANKFORD TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K11



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

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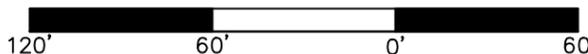


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.

897.02
893.02

COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

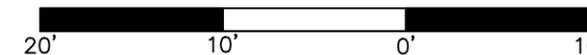
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO
STREAM - K11

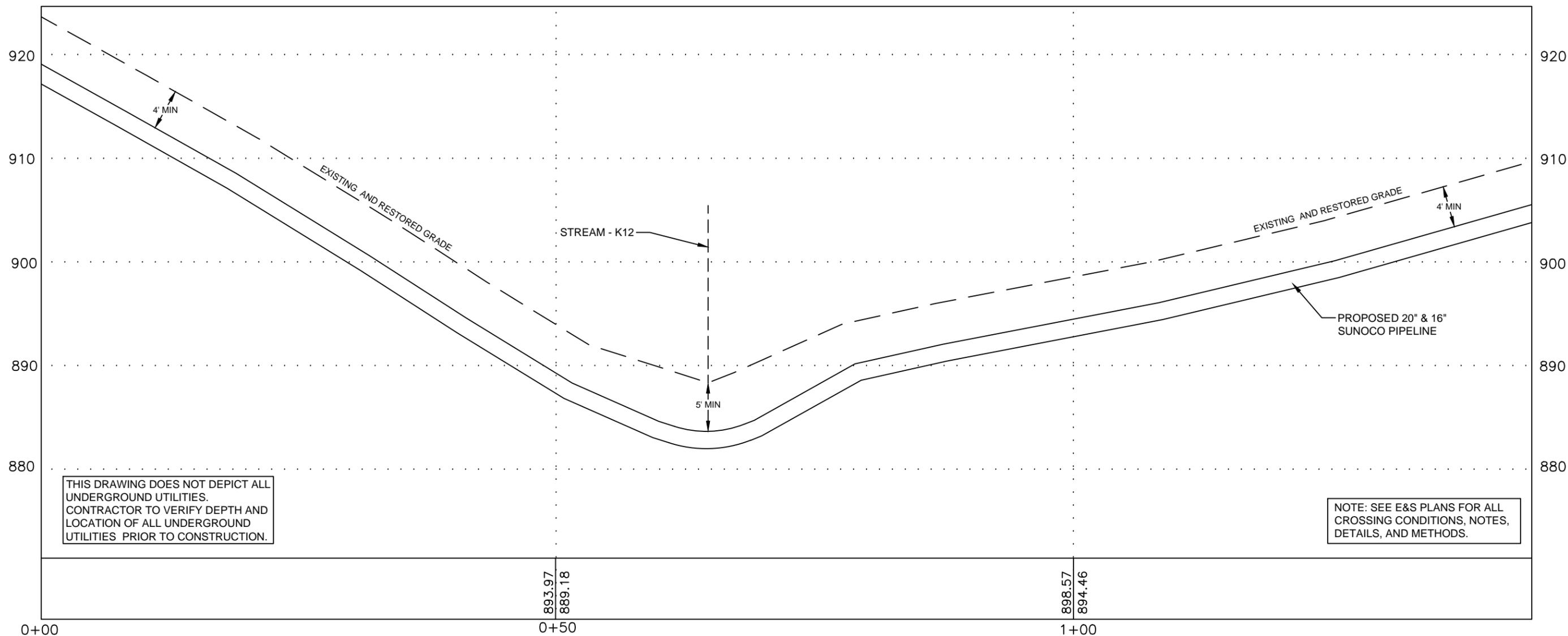
UPPER FRANKFORD TWP., CUMBERLAND COUNTY, PA

11/07/16 SCALE
REVISED 11/30/16 AS NOTED DWG: PA-CU-0028.0000-S-K11

Prepared by TRICO SURVEYING AND MAPPING
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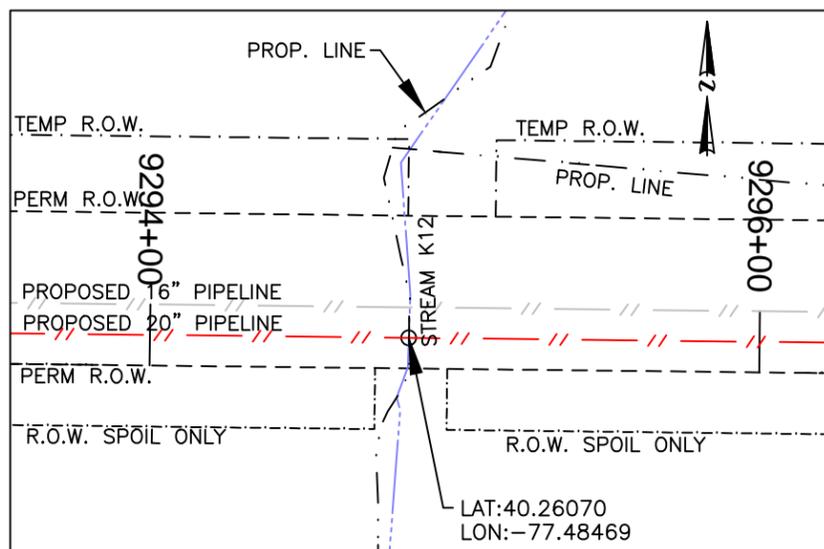
LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K12



THIS DRAWING DOES NOT DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

NOTE: SEE E&S PLANS FOR ALL CROSSING CONDITIONS, NOTES, DETAILS, AND METHODS.

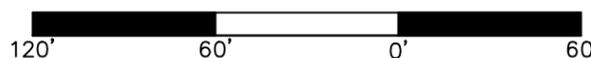


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

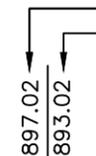
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

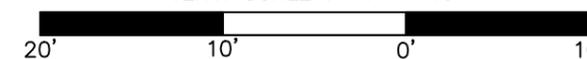
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO
STREAM - K12

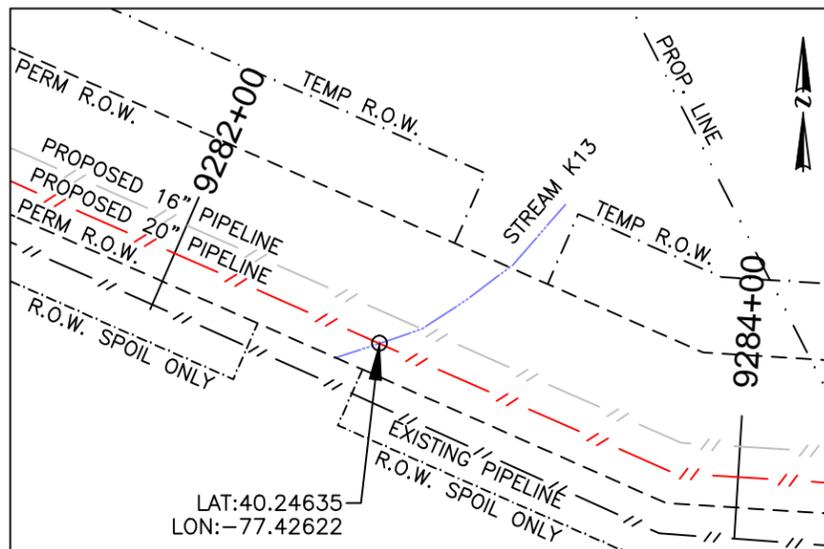
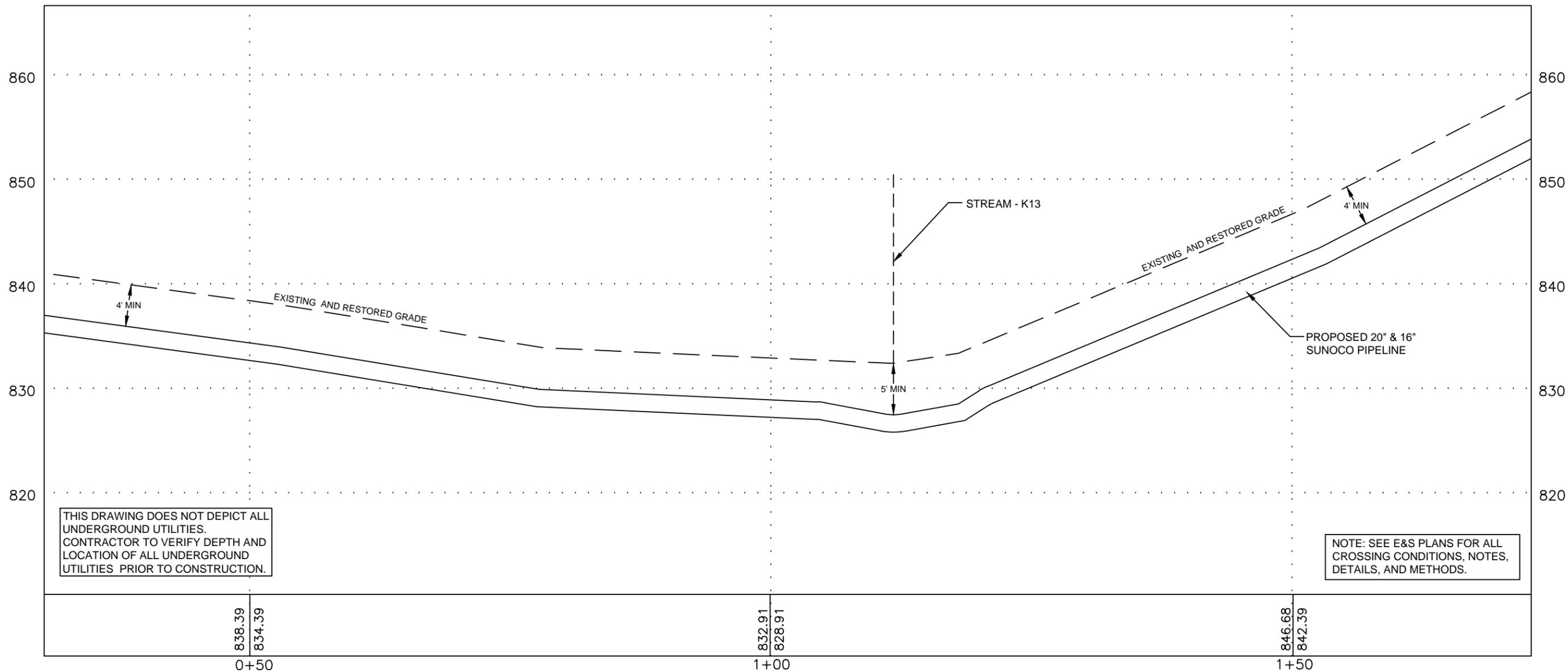
LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

10/28/16 SCALE
REVISED 11/29/16 AS NOTED DWG: PA-CU-0024.0000-S-K12

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LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K13

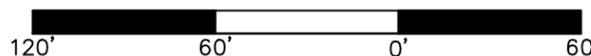


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

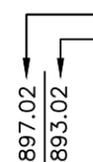
PLAN

HORIZ. SCALE : 1" = 60'



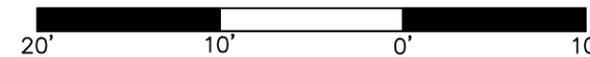
PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH
NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

SUNOCO
STREAM - K13

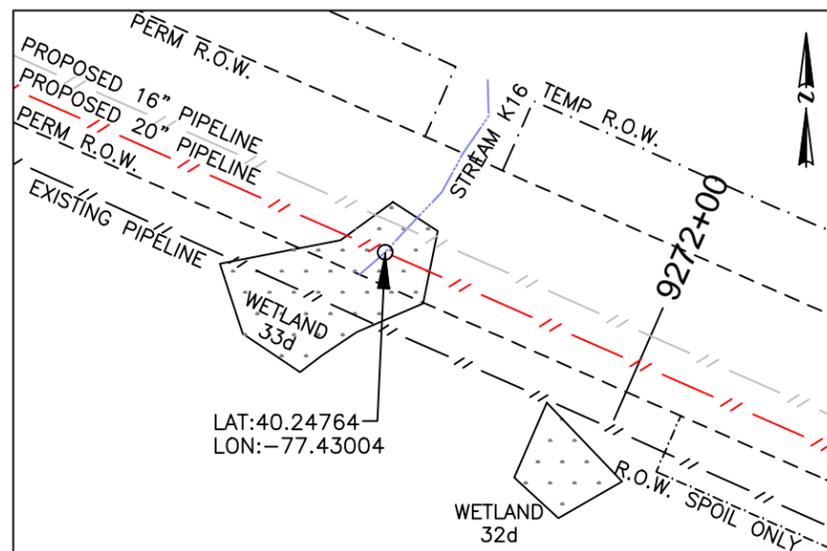
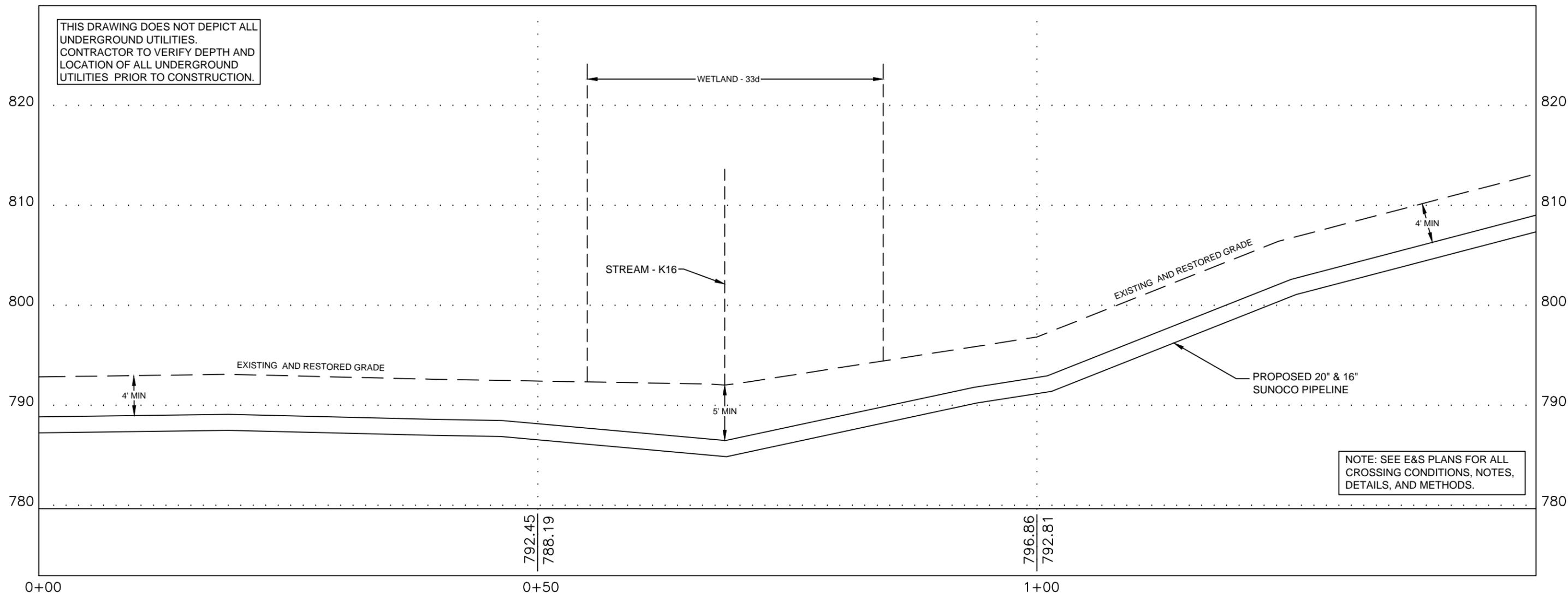
LOWER MIFFLIN TWP., CUMBERLAND COUNTY, PA

11/10/16 SCALE
REVISED 11/29/16 AS NOTED DWG: PA-CU-0020.0000-S-K13

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LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K16

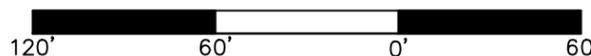


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

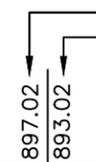
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



COORDINATE SYSTEM

PENNSYLVANIA STATE PLANE SOUTH NAD 83 US FEET

GRADE SOURCE: SURVEYING DATA

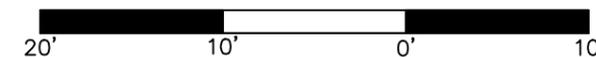
24/7 CONTACT INFO & PIPE MARKER INFO:

SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 10'
VERT. SCALE : 1" = 10'



SUNOCO
STREAM - K16

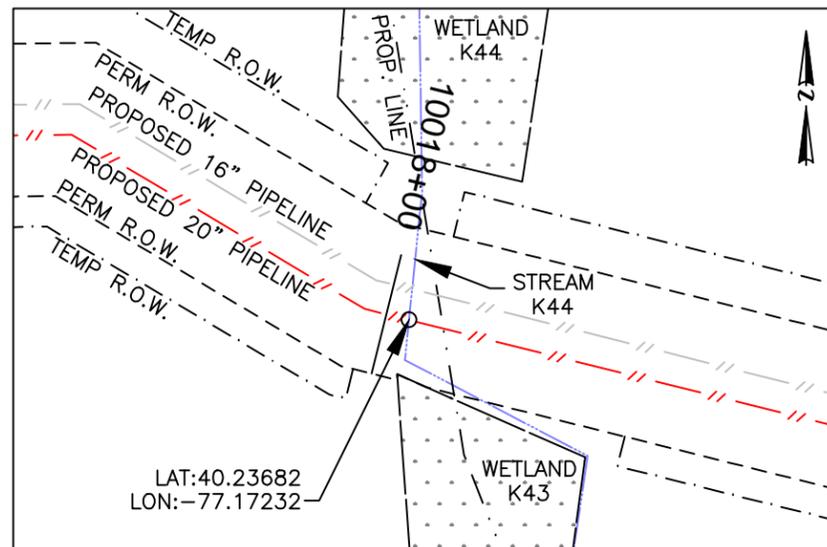
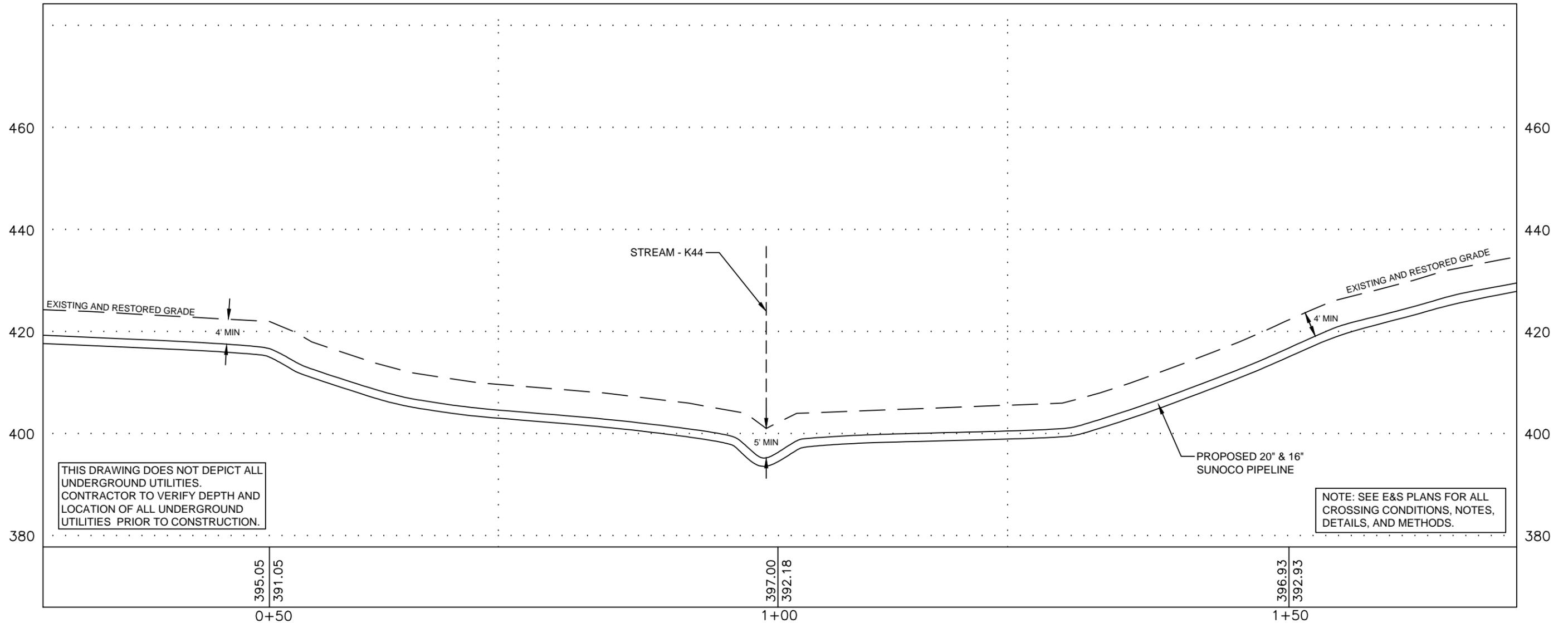
LOWER MIFFLIN TOWNSHIP, CUMBERLAND COUNTY, PA

11/08/16	SCALE	
REVISED 11/29/16	AS NOTED	DWG: PA-CU-0020.0000-S-K16

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NORTH MIDDLETON TOWNSHIP, CUMBERLAND COUNTY, PA

STREAM - K44

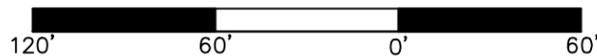


PLAN LEGEND

- PERMANENT R.O.W.
- TEMPORARY WORKSPACE
- ATWS
- R.O.W. SPOIL ONLY
- PROPERTY LINE

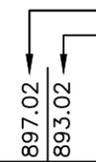
PLAN

HORIZ. SCALE : 1" = 60'



PROFILE LEGEND

- PROPOSED PIPELINE
- EXISTING AND RESTORED GRADE
- EXISTING GRADE ELEV.
- PROPOSED TOP OF PIPE ELEV.



24/7 CONTACT INFO & PIPE MARKER INFO:

COORDINATE SYSTEM
PENNSYLVANIA STATE
PLANE SOUTH
NAD 83 US FEET

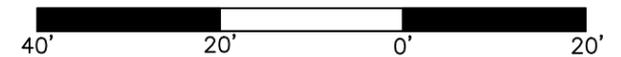
SUNOCO PIPELINE L.P.
525 FRITZTOWN ROAD
SINKING SPRING, PA 19608
PHONE NUMBER: 800-786-7440
NATURAL GAS PIPELINE

GRADE SOURCE:
SURVEYING DATA AND PASDA CONTOURS

CENTERLINE REV DATE: 11-11-2016

PROFILE

HORIZ. SCALE : 1" = 20'
VERT. SCALE : 1" = 20'



SUNOCO
STREAM - K44

NORTH MIDDLETON TWP., CUMBERLAND COUNTY, PA

11/14/16	SCALE	
REVISED 11/30/16	AS NOTED	DWG: PA-CU-0130.0001-S-K44

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