PROTECTION EASEMENT

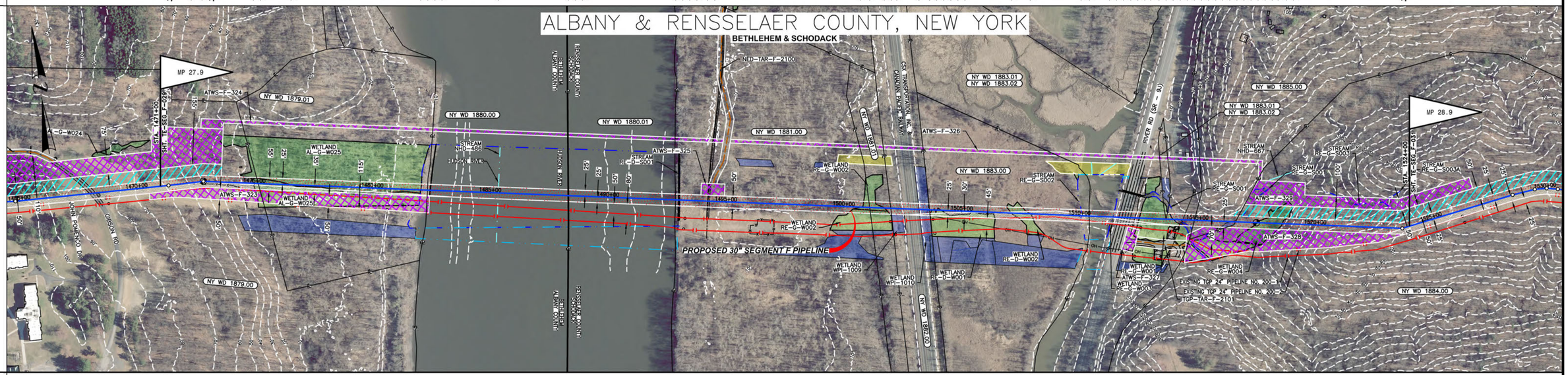
LINE LIST

1471+00 | NY WD 1879.00 | 1475+16 | NY WD 1879.01 | 1482+33 | NY WD 1880.00 | 1488+31 | NY WD 1880.01 | 1492+86 | NY WD 1881.00 | 1501+09 | NY WD 1881.01 | 1501+99 | NY WD 1882.00 | 1503+63 | NY WD 1883.00 | 1510+41 | NY WD 1883.01 / NY WD 1883.02 | 1513+66 | NY WD 1883.01 / NY WD 1883.02 | 1513+67 | NY WD 1883.01 / NY WD 1883.02 | 1514+87 | NY WD 1885.00 | 1516+61 | NY WD 1884.00 | 1524+00

PIPELINE STATIONING

1471+34 PL ~ 0°41'21" LT.
1472+83 FENCE
1472+83 HDD ENTRY/EXIT LOCATION
1472+83 PL ~ 0°49'53" RT.
1474+95 EDGE OF WETLAND
1475+16 PROPERTY LINE
1476+55 EDGE OF WETLAND
1482+05 EDGE OF STREAM
1482+05 EDGE OF WETLAND
1482+33 PROPERTY LINE
1482+45 WALL
1485+34 ℄ OF STREAM
1488+31 COUNTY LINE
1488+31 MUNICIPAL LINE
1488+31 PROPERTY LINE
1492+86 PROPERTY LINE
1492+99 WALL
1493+02 EDGE OF STREAM
1493+02 WALL
1494+22 EDGE OF GRAVEL
1494+30 EDGE OF GRAVEL
1500+71 EDGE OF WETLAND
1501+09 PROPERTY LINE
1501+71 EDGE OF WETLAND
1501+99 PROPERTY LINE
1502+80 ℄ CSX TRANSPORTATION, INC. & CANADIAN PACIFIC RAILWAY
1503+18 EDGE OF WETLAND
1503+63 EDGE OF WETLAND
1503+63 PROPERTY LINE
1503+77 EDGE OF WETLAND
1503+87 EDGE OF WETLAND
1503+95 EDGE OF WETLAND
1504+13 EDGE OF WETLAND
1507+11 EDGE OF WETLAND
1507+90 EDGE OF WETLAND
1510+06 EDGE OF STREAM
1510+41 PROPERTY LINE
1511+28 UTILITY POLE 133' RT.
1511+41 EDGE OF STREAM
1511+41 EDGE OF WETLAND
1511+42 EDGE OF WETLAND
1511+66 EDGE OF PAVEMENT
1511+79 EDGE OF PAVEMENT
1511+91 ℄ OF RIVER RD (SR - 9J)
1512+03 EDGE OF PAVEMENT
1512+06 UTILITY POLE 139' RT.
1512+15 EDGE OF PAVEMENT
1512+35 FIBER OPTIC CABLE
1512+53 EDGE OF WETLAND
1513+66 PROPERTY LINE
1513+67 PROPERTY LINE
1513+83 UTILITY POLE 155' RT.
1513+98 EDGE OF STREAM
1513+98 EDGE OF WETLAND
1514+18 EDGE OF STREAM
1514+38 OVERHEAD POWER LINE
1514+82 UTILITY POLE 123' LT.
1514+87 PROPERTY LINE
1516+43 EDGE OF WETLAND
1516+61 EDGE OF WETLAND
1516+61 PROPERTY LINE
1517+50 HDD ENTRY/EXIT LOCATION
1517+54 EDGE OF WETLAND
1518+59 EDGE OF WETLAND
1523+80 PL ~ 10°05'40" LT.

ALIGNMENT STRIP MAP



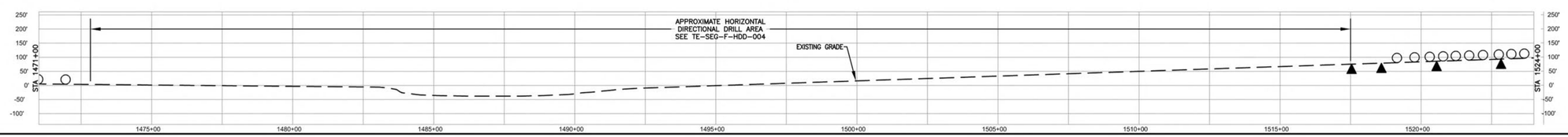

MATERIAL

COATING

DESIGN FACTOR

CLASS LOCATION | CLASS 3 | CLASS 1

PROFILE




ENVIRONMENTAL

SOILS

WORKSPACE

PROFILE LEGEND

SLOPE BREAKERS ○

TRENCH PLUG ▲

## NOTES

1. EXISTING TENNESSEE GAS PIPELINE PERMANENT EASEMENTS ARE NOT DEPICTED IN THEIR ENTIRETY.
2. PUBLIC WETLANDS ARE OBTAINED FROM THE NATIONAL WETLAND INVENTORY (NWI) (AS DEFINED IN RESOURCE REPORT 2.3)
3. PUBLIC STREAMS ARE OBTAINED FROM THE NATIONAL HYDROGRAPHY DATASET. (NHD). (AS DEFINED IN RESOURCE REPORT 2.2)
4. PHOTO INTERPRETED WETLANDS AND STREAMS ARE A RESULT OF A HIGH RESOLUTION PHOTOGRAPHIC INTERPOLATION.
5. DELINEATED WETLANDS AND STREAMS ARE THE RESULT OF AN ENVIRONMENTAL GROUND SURVEY.
6. PROPERTY LINES ARE BASED ON TAX MAPS AND ARE NOT THE RESULT OF A FULL BOUNDARY SURVEY.
7. TRENCH PLUGS SHALL BE INSTALLED AT ALL ROAD CROSSINGS AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
8. PERMANENT SLOPE BREAKERS SHOWN IN CULTIVATED AREAS AND LAWNS SHALL ONLY BE INSTALLED WITH THE LANDOWNER'S PERMISSION.

## LEGEND

- EXISTING PERMANENT EASEMENT
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE (ATWS)
- POTENTIAL STAGING AREA
- LIMITS OF DISTURBANCE
- PROPOSED PIPELINE
- PROPOSED CONSTITUTION PIPELINE
- EXISTING TENNESSEE GAS PIPELINE
- EXISTING FOREIGN PIPELINE
- OH — OVERHEAD POWER LINE
- F — EXISTING FIBER OPTIC LINE
- PA HG3 400.00 — LINE LIST NUMBER
- PROPERTY LINE
- MUNICIPAL LINE
- WETLAND (PUBLIC)
- WETLAND (PHOTO INTERPRETED)
- WETLAND (DELINEATED)
- STREAM (DELINEATED)
- STREAM (PHOTO INTERPRETED)
- STREAM (PUBLIC)
- ACCESS ROAD
- X — FENCE LINE

## REFERENCE DRAWINGS

| | |
|---|---|
| TE-SEG_F-029 | ALIGNMENT SHEET |
| TE-SEG_F-031 | ALIGNMENT SHEET |
| TE-SEG-F-HDD-004 | HDD PLAN & PROFILE |

## TYPICALS

SCALE

200 100 0 200 400

IMAGERY: APRIL/MAY 2015

## REVISIONS

| NO | PROJ ID | DESCRIPTION | DATE | BY | CK | APPR |
|---|---|---|---|---|---|---|
| 0 | | ISSUE FOR FERC | 11/2015 | HMM | HMM | |

AREA: | DIV.:

DRAFTER: HMM | DATE: 01-12-15

DRAFT. COORD: HMM | DATE: 01-12-15

Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company

# NORTHEAST ENERGY DIRECT PROJECT
# PROPOSED 30" PIPELINE
# SEGMENT F
# WRIGHT TO DRACUT PIPELINE SEGMENT
# ALIGNMENT SHEET
# ALBANY & RENSSELAER COUNTY, NEW YORK

DESIGN COORD: | DATE: | SCALE: 1" = 200' | PROJ. ID.:

PROJECT COORD: | DATE:

OPER. APPR: | DATE:

TE-SEG_F-030 | 0

11/5/2015 3:03 PM ET, GERMAN, ERIC