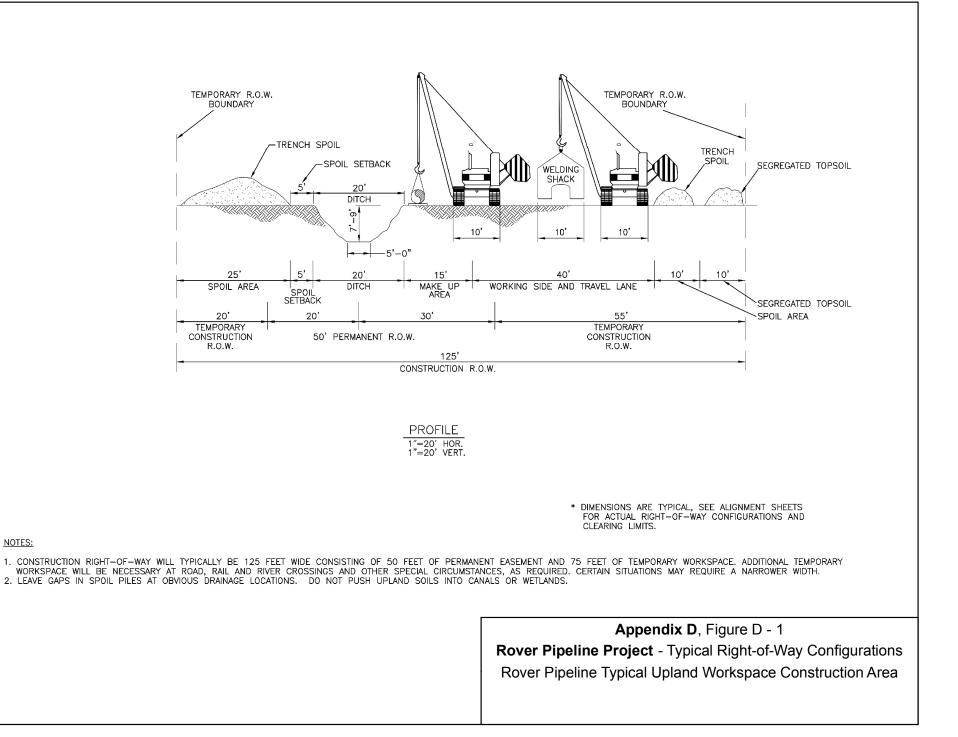
APPENDIX D

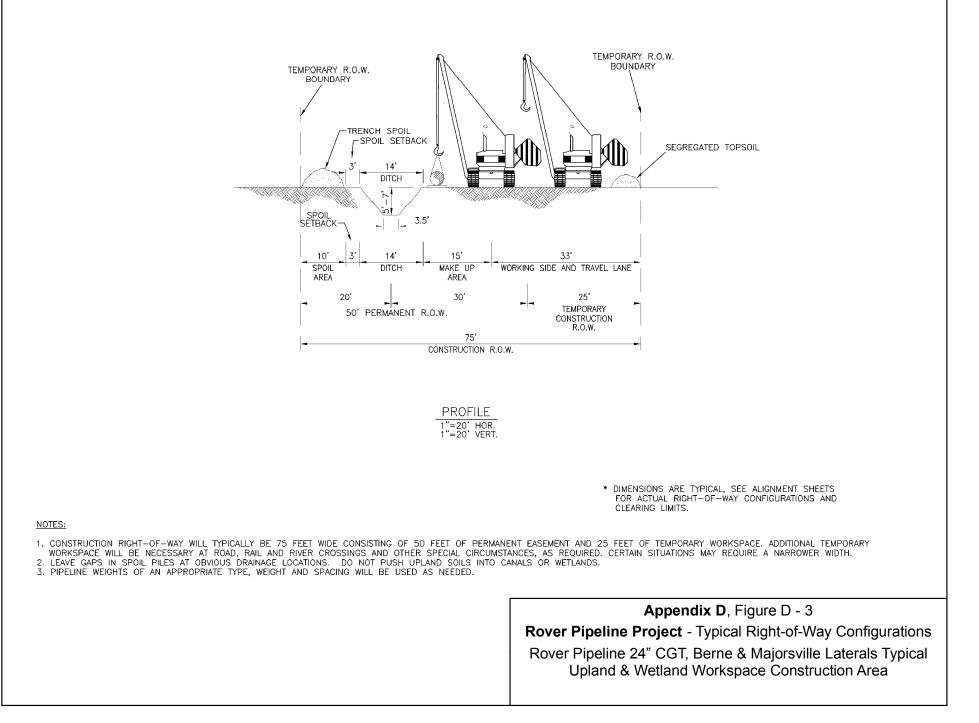
Typicals



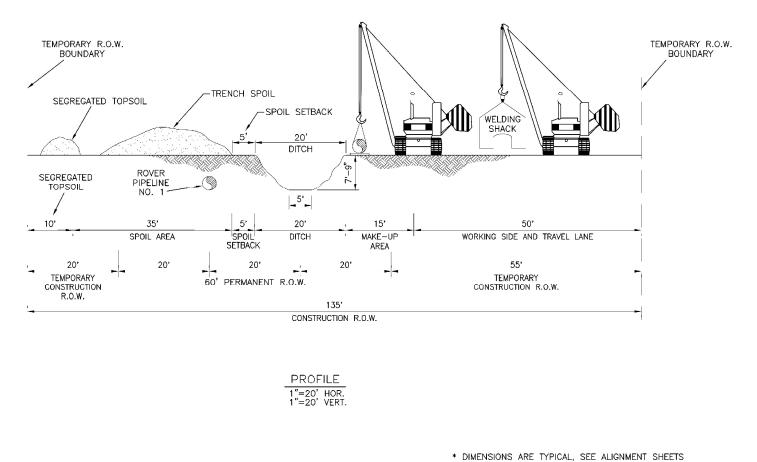
TEMPORARY R.O.W. TEMPORARY R.O.W. BOUNDARY BOUNDARY IRENCH SPOIL SEGREGATED TOPSOIL -SPOIL SETBACK WELDING SHACK 20' Ò DITCH ်ဂ္ဂ Ň -5'-0" 30' 5' 20' 15' 40' 15' DITCH MAKE UP WORKING SIDE AND TRAVEL LANE SPOIL AREA SPOIL AREA SETBACK SEGREGATED TOPSOIL 25' 20' 30' 50' TEMPORARY CONSTRUCTION TEMPORARY CONSTRUCTION 50' PERMANENT R.O.W. R.O.W. R.O.W. 125' CONSTRUCTION R.O.W. PROFILE 1"=20' HOR. 1"=20' VERT. * DIMENSIONS ARE TYPICAL, SEE ALIGNMENT SHEETS FOR ACTUAL RIGHT-OF-WAY CONFIGURATIONS AND CLEARING LIMITS. 1. CONSTRUCTION RIGHT-OF-WAY WILL TYPICALLY BE 125 FEET WIDE CONSISTING OF 50 FEET OF PERMANENT EASEMENT AND 75 FEET OF TEMPORARY WORKSPACE. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH. Appendix D, Figure D - 2

Rover Pipeline Project - Typical Right-of-Way Configurations Rover Pipeline Typical Upland Workspace Construction Area

2. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS.





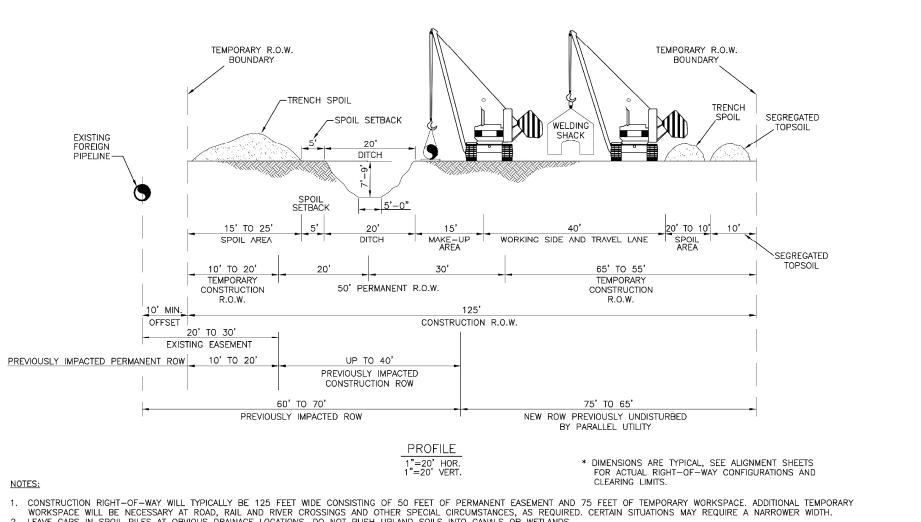


DIMENSIONS ARE TYPICAL, SEE ALIGNMENT SHEETS FOR ACTUAL RIGHT-OF-WAY CONFIGURATIONS AND CLEARING LIMITS.

NOTES:

- 1. CONSTRUCTION RIGHT-OF-WAY WILL TYPICALLY BE 125 FEET WIDE CONSISTING OF 60 FEET OF PERMANENT EASEMENT AND 75 FEET OF TEMPORARY WORKSPACE TO ACCOMODATE EQUIPMENT FOR SECOND 42" PIPELINE. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH.
- 2. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS.

Appendix D, Figure D - 4 Rover Pipeline Project - Typical Right-of-Way Configurations Dual Rover Pipelines Typical Upland Workspace Construction Area



- 2. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS.
- THE OFFSET FROM FOREIGN PIPELINES MAY BE INCREASED OR DECREASED DEPENDING ON THE SITE SPECIFIC CONSTRUCTION REQUIREMENTS OR THE FOREIGN PIPELINE/UTILITY TO BE PARALLELED.
 ROVER WILL UTILIZE UP TO 20 FEET OF THE FOREIGN PIPELINE'S EXISTING PERMANENT ROW AND UP TO 40 FEET OF THE FOREIGN PIPELINE'S PERVIOUSLY CLEARED CONSTRUCTION ROW FOR THE CONSTRUCTION AND OPERATION OF THE ETC ROVER PIPELINE. DEPENDING ON THE DIMENSIONS OF THE ABUTTING FOREIGN PIPELINE, THE PORTION OF THE ABUTTING ROW THAT WILL BE OVERLAPPED MAY VARY BASED UPON THE WIDTH OF THE FOREIGN PIPELINE'S PERMANENT EASEMENT AS WELL AS THE WIDTH OF THE PREVIOUSLY UTILIZED CONSTRUCTION FOOTPRINT TO INSTALL THE FOREIGN PIPELINE OR UTILITY. IN ALL CASES WHERE ETC ROVER ABUTS A FOREIGN UTILITY OR PIPELINE, ETC ROVER WILL UTILIZE AS MUCH OF THE FOREIGN UTILITY'S PREVIOUSLY CLEARED ROW AS POSSIBLE AND WILL UTILIZE THE AVAILABLE AREAS UP TO 10 FEET FROM THE CENTERLINE OF THE FOREIGN UTILITY OR PIPELINE.

Appendix D, Figure D - 5 Rover Pipeline Project - Typical Right-of-Way Configurations Rover Pipeline Typical Upland Workspace 10' to 20' Overlap Construction Area, Parallel Foreign Pipeline

TEMPORARY R.O.W. BOUNDARY TEMPORARY R.O.W. BOUNDARY -TRENCH SPOIL -SPOIL SETBACK SEGREGATED TOPSOIL EXISTING 14' FOREIGN DITCH PIPELINE ~ ŝ SPOIL SETBACK 3.5 10' 14' 15' 33' 3 MAKE UP SPOIL DITCH WORKING SIDE AND TRAVEL LANE AREA AREA 30' 20' 25' TEMPORARY 50' PERMANENT R.O.W. CONSTRUCTION R.O.W. 10'-20' 75' CONSTRUCTION R.O.W. EXISTING EASEMENT PREVIOUSLY IMPACTED PERMANENT ROW UP TO 40' PREVIOUSLY IMPACTED CONSTRUCTION ROW PROFILE 1"=20' HOR. 1"=20' VERT. * DIMENSIONS ARE TYPICAL, SEE ALIGNMENT SHEETS FOR ACTUAL RIGHT-OF-WAY CONFIGURATIONS AND CLEARING LIMITS.

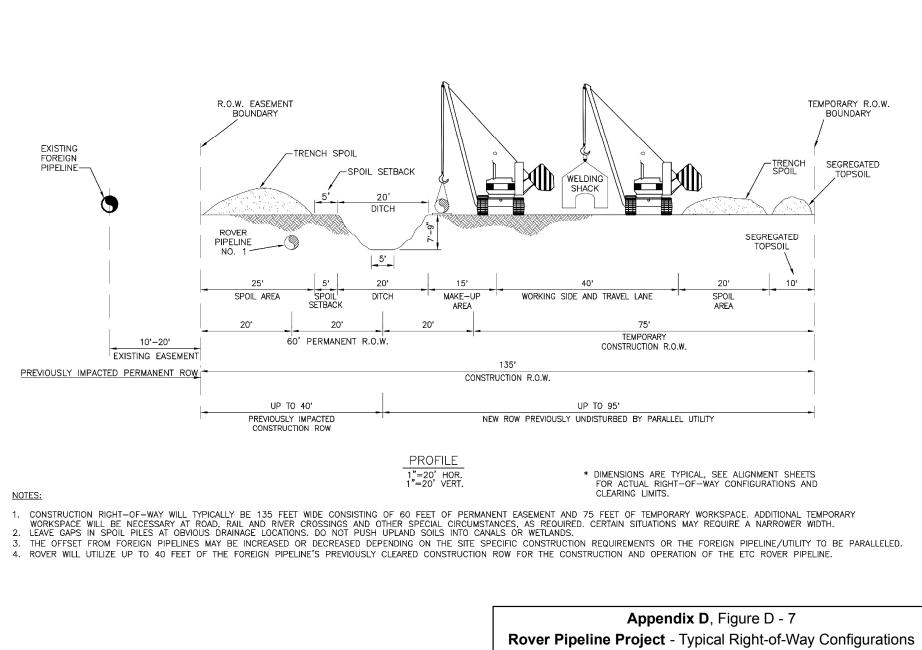
NOTES:

- CONSTRUCTION RIGHT-OF-WAY WILL TYPICALLY BE 75 FEET WIDE CONSISTING OF 50 FEET OF PERMANENT EASEMENT AND 25 FEET OF TEMPORARY WORKSPACE. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH.
 LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS.
- 3. THE OFFSET FROM FOREIGN PIPELINES MAY BE INCREASED OR DECREASED DEPENDING ON THE SITE SPECIFIC CONSTRUCTION REQUIREMENTS OR THE FOREIGN PIPELINE/UTILITY TO BE PARALLELED.
- 4. ROVER WILL UTILIZE UP TO 40 FEET OF THE FOREIGN PIPELINE'S PREVIOUSLY CLEARED CONSTRUCTION ROW FOR THE CONSTRUCTION AND OPERATION OF THE ETC ROVER PIPELINE.
- 5. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.

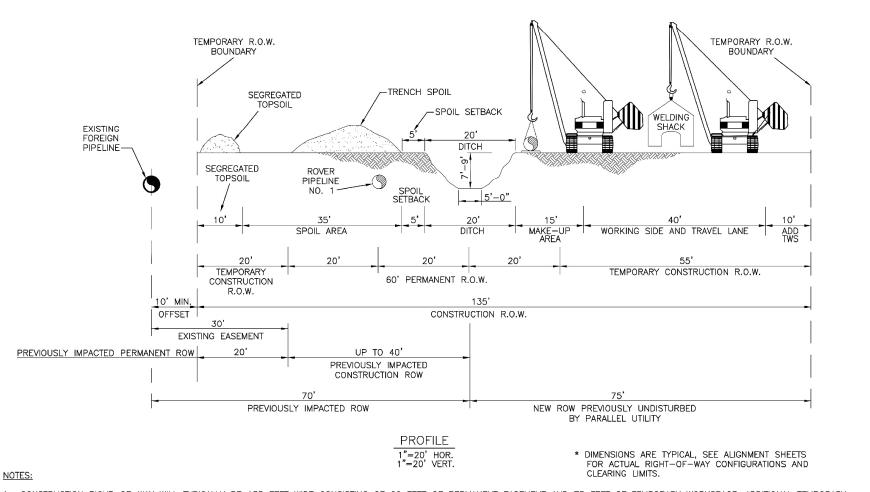
Appendix D, Figure D - 6

Rover Pipeline Project - Typical Right-of-Way Configurations

Rover Pipeline 24" CGT, Berne & Majorsville Laterals Typical Upland & Wetland Workspace Construction Area, Parallel Foreign Pipeline



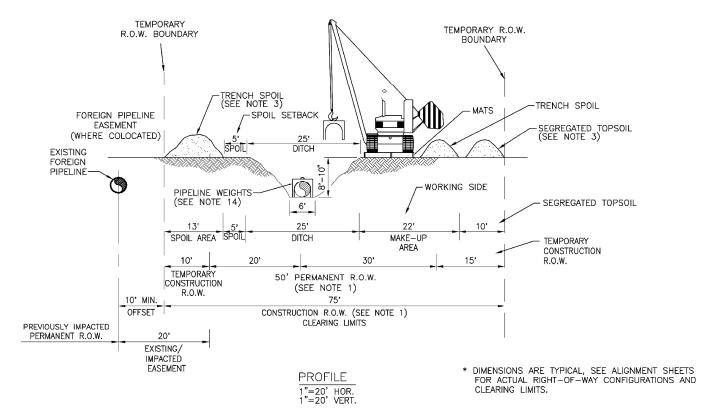
Dual Rover Pipelines Typical Upland Workspace No Overlap Construction Area Parallel Foreign Pipeline



- CONSTRUCTION RIGHT-OF-WAY WILL TYPICALLY BE 135 FEET WIDE CONSISTING OF 60 FEET OF PERMANENT EASEMENT AND 75 FEET OF TEMPORARY WORKSPACE. ADDITIONAL TEMPORARY 1. WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH. 2. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS.
- THE OFFSET FROM FOREIGN PIPELINES MAY BE INCREASED OR DECREASED DEPENDING ON THE SITE SPECIFIC CONSTRUCTION REQUIREMENTS OR THE FOREIGN PIPELINE/UTILITY TO BE PARALLELED. 3. ROVER WILL UTILIZE UP TO 20 FEET OF THE FOREIGN PIPELINE'S EXISTING PERMANENT ROW AND UP TO 40 FEET OF THE FOREIGN PIPELINE'S PREVIOUSLY CLEARED CONSTRUCTION ROW FOR THE 4 CONSTRUCTION AND OPERATION OF THE ETC ROVER PIPELINE. DEPENDING ON THE DIMENSIONS OF THE ABUTTING FOREIGN PIPELINE, THE PORTION OF THE ABUTTING ROW THAT WILL BE OVERLAPPED MAY VARY BASED UPON THE WIDTH OF THE FOREIGN PIPELINE'S PERMANENT EASEMENT AS WELL AS THE WIDTH OF THE PREVIOUSLY UTILIZED CONSTRUCTION FOOTPRINT TO INSTALL THE FOREIGN PIPELINE OR UTILITY. IN ALL CASES WHERE ETC ROVER ABUTS A FOREIGN UTILITY OR PIPELINE, ETC ROVER WILL UTILIZE AS MUCH OF THE FOREIGN UTILITY'S PREVIOUSLY CLEARED ROW AS POSSIBLE AND WILL UTILIZE THE AVAILABLE AREAS UP TO 10 FEET FROM THE CENTERLINE OF THE FOREIGN UTILITY OR PIPELINE.

Appendix D, Figure D - 8 Rover Pipeline Project - Typical Right-of-Way Configurations Dual Rover Pipelines Typical Upland Workspace 20' Overlap **Construction Area Parallel Foreign Pipeline**

Appendix D



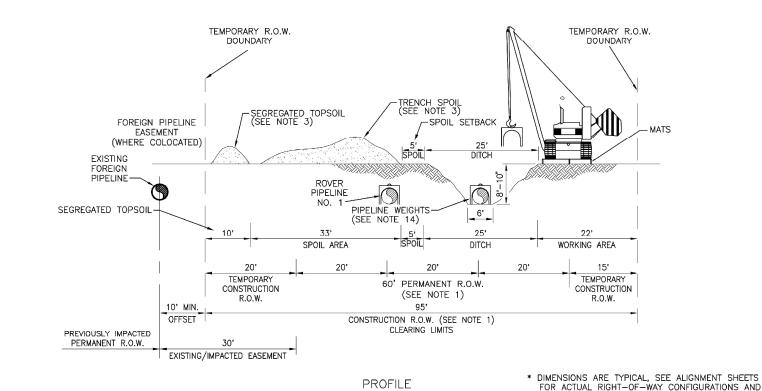
NOTES:

- 1. CONSTRUCTION RIGHT-OF-WAY WILL BE 75 FEET IN WETLANDS. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH.
- 2. EQUIPMENT MATS OR LOW GROUND WEIGHT EQUIPMENT SHALL BE USED IN SATURATED CONDITIONS.
- 3. UTILIZE THE "TRENCH ONLY" TOPSOIL SALVAGE METHOD IF NECESSARY. IF TOPSOIL SEGREGATION IS REQUIRED, THIS AREA WILL BE USED FOR TOPSOIL AND TRENCH SPOIL, WITH ANY REMAINING TRENCH SPOIL TEMPORARILY HAULED OFF ROW AND RETURNED FOR BACK FILLING.
- 4. DEPTH OF TOPSOIL TRENCHING NOT TO EXCEED 12 INCHES EXCEPT WHERE DEEPER STRIPPING IS STIPULATED BY THE CONSTRUCTION LINE LIST OR CONSTRUCTION ALIGNMENT SHEETS.
- 5. INSTALL SILT FENCE ALONG DOWNSTREAM SIDE OF THE CONSTRUCTION R.O.W.
- 6. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS. DO NOT USE TOPSOIL FOR PADDING.
- 7. AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL AND TOPSOIL PILES.
- 8. TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS APPROVED BY THE ENVIRONMENTAL INSPECTOR, BE REVERSED. KEEP TOPSOIL CLEAN OF ALL CONSTRUCTION DEBRIS.
- 9. CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE AND REMOVE CUTTINGS FROM THE WETLAND FOR DISPOSAL. 10. LIMIT THE PULLING OF STUMPS AND GRADING TO THE TRENCH AREA. DO NOT GRADE OR REMOVE STUMPS OR ROOT SYSTEMS FROM THE REST OF THE RIGHT-OF-WAY UNLESS REQUIRED BY
- SAFETY-RELATED CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCT TROUGH WETLAND WILL BE LIMITED TO ONE PASS TO CONSTRUCT THE WETLAND TRAVEL LANE.
- 11. FOLLOWING BACKFILLING OF THE PIPELINE DITCH AND PRIOR TO THE FINAL PIPELINE RIGHT-OF-WAY RESTORATION, A CROWN OF NO GREATER THAN 6 INCHES WILL BE INSTALLED ACROSS THE PIPELINE DITCH IN SATURATED WETLAND SOIL CONDITIONS OR RESTORED PRE-CONSTRUCTION GRADE.
- 12. IN UNSATURATED CONDITIONS, SPOIL FROM THE WETLAND TRENCH MAY BE USED TO STABILIZE THE WORKING SIDE.
- 13. REMOVE TIMBER RIPRAP OR EQUIPMENT MATS FROM THE WETLANDS UPON COMPLETION OF CONSTRUCTION.
- 14. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.
- 15. CONTACT ENVIRONMENTAL INSPECTOR (EI) TO REVIEW/APPROVE CLEARING LIMITS PRIOR TO STARTING WORK.

Appendix D, Figure D - 9

Rover Pipeline Project - Typical Right-of-Way Configurations

Rover Pipeline Typical Forested Wetland Crossing 10' Overlap Construction Area



FOR ACTUAL RIG CLEARING LIMITS.

NOTES:

- 1. CONSTRUCTION RIGHT-OF-WAY WILL BE 95 FEET IN WETLANDS FOR THE DUAL PIPELINE CASE AND 20' OF OVERLAP. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH.
- 2. EQUIPMENT MATS OR LOW GROUND WEIGHT EQUIPMENT SHALL BE USED IN SATURATED CONDITIONS.
- 3. UTILIZE THE "TRENCH ONLY" TOPSOIL SALVAGE METHOD IF NECESSARY. IF TOPSOIL SEGREGATION IS REQUIRED, THIS AREA WILL BE USED FOR TOPSOIL AND TRENCH SPOIL, WITH ANY REMAINING TRENCH SPOIL TEMPORARILY HAULED OFF ROW AND RETURNED FOR BACK FILLING.

1"=20' HOR.

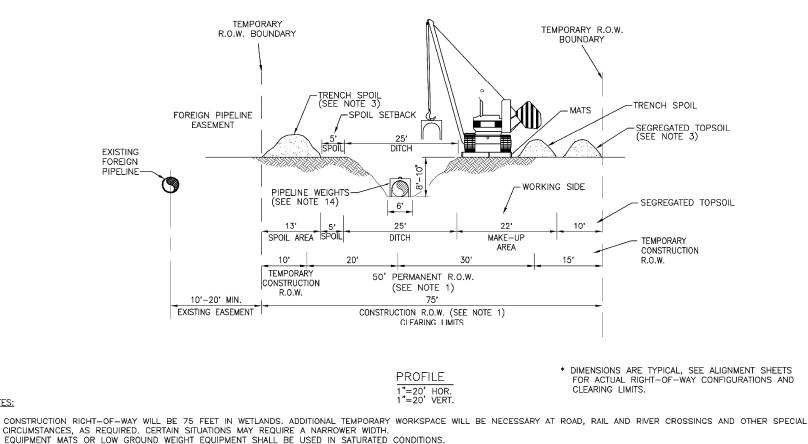
1"=20' VERT.

- 4. DEPTH OF TOPSOIL TRENCHING NOT TO EXCEED 12 INCHES EXCEPT WHERE DEEPER STRIPPING IS STIPULATED BY THE CONSTRUCTION LINE LIST OR CONSTRUCTION ALIGNMENT SHEETS.
- 5. INSTALL SILT FENCE ALONG DOWNSTREAM SIDE OF THE CONSTRUCTION R.O.W.
- 6. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS. DO NOT USE TOPSOIL FOR PADDING.
- 7. AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL AND TOPSOIL PILES.
- 8. TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS APPROVED BY THE ENVIRONMENTAL INSPECTOR, BE REVERSED. KEEP TOPSOIL CLEAN OF ALL CONSTRUCTION DEBRIS.
- 9. CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE AND REMOVE CUTTINGS FROM THE WETLAND FOR DISPOSAL. 10. LIMIT THE PULLING OF STUMPS AND GRADING TO THE TRENCH AREA. DO NOT GRADE OR REMOVE STUMPS OR ROOT SYSTEMS FROM THE REST OF THE RIGHT-OF-WAY UNLESS REQUIRED BY
- SAFETY-RELATED CONSTRUCTION CONSTRAINT. TRAVEL THROUGH WETLAND WILL BE IMITED TO ONE PASS TO CONSTRUCT THE WETLAND TRAVEL LANE.
- 11. FOLLOWING BACKFILLING OF THE PIPELINE DITCH AND PRIOR TO THE FINAL PIPELINE RIGHT-OF-WAY RESTORATION, A CROWN OF NO GREATER THAN 6 INCHES WILL BE INSTALLED ACROSS THE PIPELINE DITCH IN SATURATED WETLAND SOIL CONDITIONS OR RESTORED PRE-CONSTRUCTION GRADE.
- 12. IN UNSATURATED CONDITIONS, SPOIL FROM THE WETLAND TRENCH MAY BE USED TO STABILIZE THE WORKING SIDE.
- 13. REMOVE TIMBER RIPRAP OR EQUIPMENT MATS FROM THE WETLANDS UPON COMPLETION OF CONSTRUCTION.
- 14. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.
- 15. CONTACT ENVIRONMENTAL INSPECTOR (EI) TO REVIEW/APPROVE CLEARING LIMITS PRIOR TO STARTING WORK.

Appendix D, Figure D - 10

Rover Pipeline Project - Typical Right-of-Way Configurations

Dual Rover Pipelines Typical Forested Wetland Crossing 20' Overlap Construction Area



3. UTILIZE THE "TRENCH ONLY" TOPSOIL SALVAGE METHOD IF NECESSARY. IF TOPSOIL SEGREGATION IS REQUIRED, THIS AREA WILL BE USED FOR TOPSOIL AND TRENCH SPOIL, WITH ANY REMAINING TRENCH SPOIL TEMPORARILY HAULED OFF ROW AND RETURNED FOR BACK FILLING.

4. DEPTH OF TOPSOIL TRENCHING NOT TO EXCEED 12 INCHES EXCEPT WHERE DEEPER STRIPPING IS STIPULATED BY THE CONSTRUCTION LINE LIST OR CONSTRUCTION ALIGNMENT SHEETS.

- 5. INSTALL SILT FENCE ALONG DOWNSTREAM SIDE OF THE CONSTRUCTION R.O.W.
- 6. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS. DO NOT USE TOPSOIL FOR PADDING.
- 7. AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL AND TOPSOIL PILES.
- 8. TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS APPROVED BY THE ENVIRONMENTAL INSPECTOR, BE REVERSED. KEEP TOPSOIL CLEAN OF ALL CONSTRUCTION DEBRIS.
- 9. CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE AND REMOVE CUTTINGS FROM THE WETLAND FOR DISPOSAL.
- 10. LIMIT THE PULLING OF STUMPS AND GRADING TO THE TREAMED AREA DO NOT GRADE OR REMOVE STUMPS OR ROOT SYSTEMS FROM THE REST OF THE RIGHT-OF-WAY UNLESS REQUIRED BY
- SAFETY-RELATED CONSTRUCTION CONSTRAINT. TRAVEL THROUGH WEILAND WILL BE LIMITED TO ONE PASS TO CONSTRUCT THE WEILAND TRAVEL LAND.
- 11. FOLLOWING BACKFILLING OF THE PIPELINE DITCH AND PRIOR TO THE FINAL PIPELINE RIGHT-OF-WAY RESTORATION, A CROWN OF NO GREATER THAN 6 INCHES WILL BE INSTALLED ACROSS THE PIPELINE DITCH IN SATURATED WETLAND SOIL CONDITIONS OR RESTORED PRE-CONSTRUCTION GRADE.
- 12. IN UNSATURATED CONDITIONS, SPOIL FROM THE WETLAND TRENCH MAY BE USED TO STABILIZE THE WORKING SIDE.
- 13. REMOVE TIMBER RIPRAP OR EQUIPMENT MATS FROM THE WETLANDS UPON COMPLETION OF CONSTRUCTION.
- 14. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.
- 15. CONTACT ENVIRONMENTAL INSPECTOR (EI) TO REVIEW/APPROVE CLEARING LIMITS PRIOR TO STARTING WORK.

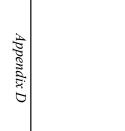
Appendix D, Figure D - 11

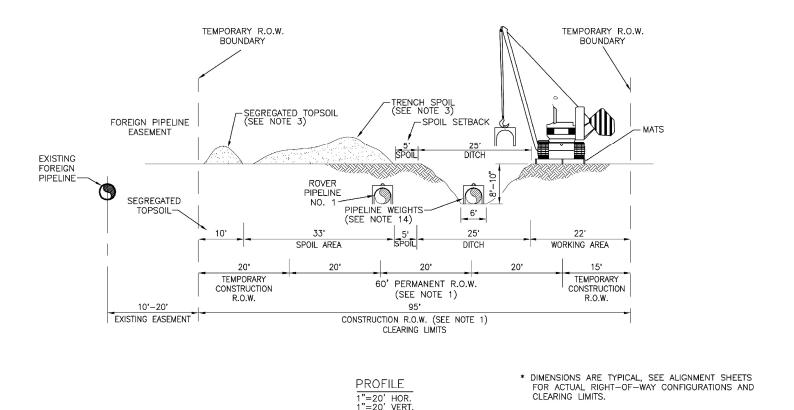
Rover Pipeline Project - Typical Right-of-Way Configurations

Rover Pipeline Typical Forested Wetland Crossing No Overlap Construction Area

NOTES:

2.





NOTES:

- 1. CONSTRUCTION RIGHT-OF-WAY WILL BE 95 FEET IN WETLANDS FOR THE DUAL PIPELINE CASE. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH.
- 2. EQUIPMENT MATS OR LOW GROUND WEIGHT EQUIPMENT SHALL BE USED IN SATURATED CONDITIONS.
- 3. UTILIZE THE "TRENCH ONLY" TOPSOIL SALVAGE METHOD IF NECESSARY. IF TOPSOIL SEGREGATION IS REQUIRED, THIS AREA WILL BE USED FOR TOPSOIL AND TRENCH SPOIL, WITH ANY REMAINING TRENCH SPOIL TEMPORARILY HAULED OFF ROW AND RETURNED FOR BACK FILLING.
- 4. DEPTH OF TOPSOIL TRENCHING NOT TO EXCEED 12 INCHES EXCEPT WHERE DEEPER STRIPPING IS STIPULATED BY THE CONSTRUCTION LIKE LIST OR CONSTRUCTION ALIGNMENT SHEETS.
- 5. INSTALL SILT FENCE ALONG DOWNSTREAM SIDE OF THE CONSTRUCTION R.O.W.
- 6. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS. DO NOT USE TOPSOIL FOR PADDING.
- 7. AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL AND TOPSOIL PILES.
- 8. TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS APPROVED BY THE ENVIRONMENTAL INSPECTOR, BE REVERSED. KEEP TOPSOIL CLEAN OF ALL CONSTRUCTION DEBRIS.
- 9. CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE AND REMOVE CUTTINGS FROM THE WETLAND FOR DISPOSAL.
- 10. LIMIT THE PULLING OF STUMPS AND GRADING TO THE TRENCH AREA. DO NOT GRADE OR REMOVE STUMPS OR ROOT SYSTEMS FROM THE REST OF THE RIGHT-OF-WAY UNLESS REQUIRED BY SAFETY-RELATED CONSTRUCTION CONSTRAINT. TRAVEL THROUGH WETLAND WILL BE LIMITED TO ONE PASS TO CONSTRUCT THE WETLAND TRAVEL LANE.
- 11. FOLLOWING BACKFILLING OF THE PIPELINE DITCH AND PRIOR TO THE FINAL PIPELINE RIGHT-OF-WAY RESTORATION, A CROWN OF NO GREATER THAN 6 INCHES WILL BE INSTALLED ACROSS THE PIPELINE DITCH IN SATURATED WETLAND SOIL CONDITIONS OR RESTORED PRE-CONSTRUCTION GRADE.
- 12. IN UNSATURATED CONDITIONS, SPOIL FROM THE WETLAND TRENCH MAY BE USED TO STABILIZE THE WORKING SIDE.
- 13. REMOVE TIMBER RIPRAP OR EQUIPMENT MATS FROM THE WETLANDS UPON COMPLETION OF CONSTRUCTION.
- 14. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.
- 15. CONTACT ENVIRONMENTAL INSPECTOR (EI) TO REVIEW/APPROVE CLEARING LIMITS PRIOR TO STARTING WORK.

Appendix D, Figure D - 12

Rover Pipeline Project - Typical Right-of-Way Configurations

Dual Rover Pipelines Typical Forested Wetland Crossing No Overlap Construction Area

* DIMENSIONS ARE TYPICAL, SEE ALIGNMENT SHEETS FOR ACTUAL RIGHT-OF-WAY CONFIGURATIONS AND CLEARING LIMITS.

SEGREGATED

SEGREGATED TOPSOIL

TOPSOIL

TEMPORARY R.O.W.

BOUNDARY

32'-22'

WORKING SIDE

40'-30'

TEMPORARY

CONSTRUCTION

R.O.W.

MATS TRENCH

SPOIL

10'

NOTES:

- CONSTRUCTION RIGHT-OF-WAY WILL BE 100 FEET IN WETLANDS CONSISTING OF 50 FEET OF PERMANENT EASEMENT AND 50 FEET OF TEMPORARY WORKSPACE. ADDITIONAL TEMPORARY WORKSPACE 1. WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH.
- EQUIPMENT MATS OR LOW GROUND WEIGHT EQUIPMENT SHALL BE USED IN SATURATED CONDITIONS. 2.

10'

OFFSET

UTILIZE THE "TRENCH ONLY" TOPSOIL SALVAGE METHOD. 3.

FOREICN PIPELINE EASEMENT (WHERE COLOCATED)

> EXISTING FOREIGN

PIPELINE

- DEPTH OF TOPSOIL TRENCHING NOT TO EXCEED 12 INCHES EXCEPT WHERE DEEPER STRIPPING IS STIPULATED BY THE CONSTRUCTION LINE LIST OR CONSTRUCTION ALIGNMENT SHEETS. 4.
- 5. INSTALL SILT FENCE ALONG DOWNSTREAM SIDE OF THE CONSTRUCTION R.O.W.
- LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS, DO NOT USE TOPSOIL FOR PADDING. 6.
- 7. AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL AND TOPSOIL PILES.
- TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS APPROVED BY THE ENVIRONMENTAL INSPECTOR, BE REVERSED. KEEP TOPSOIL CLEAN OF ALL CONSTRUCTION DEBRIS. CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE AND REMOVE CUTTINGS FROM THE WETLAND FOR DISPOSAL. 8.
- 9
- 10. LIMIT THE PULLING OF STUMPS AND GRADING TO THE TRENCH AREA. DO NOT GRADE OR REMOVE STUMPS OR ROOT SYSTEMS FROM THE REST OF THE RIGHT-OF-WAY UNLESS REQUIRED BY SAFETY-RELATED CONSTRUCTION CONSTRAINT. TRAVEL THROUGH WETLAND WILL BE LIMITED TO ONE PASS TO CONSTRUCT THE WETLAND TRAVEL LANE.
- FOLLOWING BACKFILLING OF THE PIPELINE DITCH AND PRIOR TO THE FINAL PIPELINE RIGHT-OF-WAY RESTORATION, A CROWN OF NO GREATER THAN 6 INCHES WILL BE INSTALLED ACROSS THE 11. PIPELINE DITCH IN SATURATED WETLAND SOIL CONDITIONS OR RESTORED PRE-CONSTRUCTION GRADE.
- 12. IN UNSATURATED CONDITIONS, SPOIL FROM THE WETLAND TRENCH MAY BE USED TO STABILIZE THE WORKING SIDE.

TEMPORARY R.O.W.

BOUNDARY

13'-23'

SPOIL AREA

10'-20'

TEMPORARY

CONSTRUCTION

R.O.W.

20'-30' EXISTING EASEMENT TRENCH SPOIL

5'

SPOIL

20'

PIPELINE WEIGHTS (SEE NOTE 14)

SPOIL SETBACK

25'

DITCH ĉ Ø

6'

25'

DITCH

50' PERMANENT R.O.W.

(SEE NOTE 1)

15'

MAKE-UP

AREA

30'

PROFILE 1"=20' HOR.

1"=20' VERT.

100'

CONSTRUCTION R.O.W. (SEE NOTE 1)

CLEARING LIMITS

- 13. REMOVE TIMBER RIPRAP OR EQUIPMENT MATS FROM THE WETLANDS UPON COMPLETION OF CONSTRUCTION.
- 14. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.

Appendix D, Figure D - 13

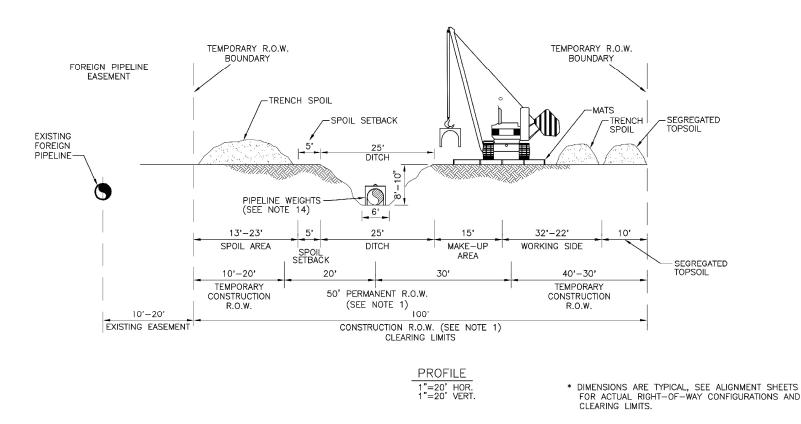
Rover Pipeline Project - Typical Right-of-Way Configurations

Rover Pipeline Typical Wetland Crossing (Non-Forested Only) 10'-20' Overlap Construction Area

Appendix

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Appendix D



NOTES:

- CONSTRUCTION RIGHT-OF-WAY WILL BE 100 FEET IN WETLANDS CONSISTING OF 50 FEET OF PERMANENT EASEMENT AND 50 FEET OF TEMPORARY WORKSPACE. ADDITIONAL TEMPORARY WORKSPACE 1. WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH. EQUIPMENT MATS OR LOW GROUND WEIGHT EQUIPMENT SHALL BE USED IN SATURATED CONDITIONS. 2.
- UTILIZE THE "TRENCH ONLY" TOPSOIL SALVAGE METHOD. 3.
- DEPTH OF TOPSOIL TRENCHING NOT TO EXCEED 12 INCHES EXCEPT WHERE DEEPER STRIPPING IS STIPULATED BY THE CONSTRUCTION LINE LIST OR CONSTRUCTION ALIGNMENT SHEETS. 4.
- INSTALL SILT FENCE ALONG DOWNSTREAM SIDE OF THE CONSTRUCTION R.O.W. 5
- 6. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS. DO NOT USE TOPSOIL FOR PADDING.
- AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL AND TOPSOIL PILES. 7.
- TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS APPROVED BY THE ENVIRONMENTAL INSPECTOR, BE REVERSED. KEEP TOPSOIL CLEAN OF ALL CONSTRUCTION DEBRIS. 8.
- 9 CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE AND REMOVE CUTTINGS FROM THE WETLAND FOR DISPOSAL.
- 10. LIMIT THE PULLING OF STUMPS AND GRADING TO THE TRENCH AREA. DO NOT GRADE OR REMOVE STUMPS OR ROOT SYSTEMS FROM THE REST OF THE RIGHT-OF-WAY UNLESS REQUIRED BY SAFETY-RELATED CONSTRUCTION CONSTRAINT. TRAVEL THROUGH WETLAND WILL BE LIMITED TO ONE PASS TO CONSTRUCT THE WETLAND TRAVEL LANE.
- 11. FOLLOWING BACKFILLING OF THE PIPELINE DITCH AND PRIOR TO THE FINAL PIPELINE RIGHT-OF-WAY RESTORATION, A CROWN OF NO GREATER THAN 6 INCHES WILL BE INSTALLED ACROSS THE PIPELINE DITCH IN SATURATED WETLAND SOIL CONDITIONS OR RESTORED PRE-CONSTRUCTION GRADE.
- 12. IN UNSATURATED CONDITIONS, SPOIL FROM THE WETLAND TRENCH MAY BE USED TO STABILIZE THE WORKING SIDE.
- 13. REMOVE TIMBER RIPRAP OR EQUIPMENT MATS FROM THE WETLANDS UPON COMPLETION OF CONSTRUCTION.
- 14. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.

Appendix D, Figure D - 14

Rover Pipeline Project - Typical Right-of-Way Configurations

Rover Pipeline Typical Wetland Crossing (Non-Forested Only) No Overlap Construction Area

TEMPORARY R.O.W. TEMPORARY R.O.W. BOUNDARY BOUNDARY FOREIGN PIPELINE EASEMENT FRENCH SPOIL MATS SPOIL SETBACK TRENCH SEGREGATED TOPSOIL SPOIL EXISTING FOREIGN 25' PIPELINE DITCH ò ROVER NÖ. PIPELINE WEIGHTS (SEE NOTE 14) - ^{6'} 33'-43' 5' 25' 15' 32'-22' 10' SPOIL AREA MAKE-UP DITCH WORKING SIDE SPOI AREA SETBACK SEGREGATED 10'-20' 20' 20' 20' 50'-40' TOPSOIL TEMPORARY TEMPORARY 60' PERMANENT R.O.W. CONSTRUCTION CONSTRUCTION (SEE NOTE 1) R.O.W. R.O.W. 120 10'-20' EXISTING EASEMENT CONSTRUCTION R.O.W. (SEE NOTE 1) CLEARING LIMITS PROFILE 1"=20' HOR. * DIMENSIONS ARE TYPICAL, SEE ALIGNMENT SHEETS 1"=20' VERT. FOR ACTUAL RIGHT-OF-WAY CONFIGURATIONS AND CLEARING LIMITS. NOTES: CONSTRUCTION RIGHT-OF-WAY WILL BE 120 FEET IN WETLANDS CONSISTING OF 60 FEET OF PERMANENT EASEMENT AND 60 FEET OF TEMPORARY WORKSPACE. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED, CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH. EQUIPMENT MATS OR LOW GROUND WEIGHT EQUIPMENT SHALL BE USED IN SATURATED CONDITIONS. UTILIZE THE "TRENCH ONLY" TOPSOIL SALVAGE METHOD DEPTH OF TOPSOIL TRENCHING NOT TO EXCEED 12 INCHES EXCEPT WHERE DEEPER STRIPPING IS STIPULATED BY THE CONSTRUCTION LINE LIST OR CONSTRUCTION ALIGNMENT SHEETS. INSTALL SILT FENCE ALONG DOWNSTREAM SIDE OF THE CONSTRUCTION R.O.W. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS. DO NOT USE TOPSOIL FOR PADDING. AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL AND TOPSOIL PILES. TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS APPROVED BY THE ENVIRONMENTAL INSPECTOR, BE REVERSED. KEEP TOPSOIL CLEAN OF ALL CONSTRUCTION DEBRIS.

CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE AND REMOVE CUTTINGS FROM THE WETLAND FOR DISPOSAL. 9

LIMIT THE PULLING OF STUMPS AND GRADING TO THE TRENCH AREA. DO NOT GRADE OR REMOVE STUMPS OR ROOT SYSTEMS FROM THE REST OF THE RIGHT-OF-WAY UNLESS REQUIRED BY 10. SAFETY-RELATED CONSTRUCTION CONSTRAINT. TRAVEL THROUGH WETLAND WILL BE LIMITED TO ONE PASS TO CONSTRUCT THE WETLAND TRAVEL LANE.

11. FOLLOWING BACKFILLING OF THE PIPELINE DITCH AND PRIOR TO THE FINAL PIPELINE RIGHT-OF-WAY RESTORATION, A CROWN OF NO GREATER THAN 6 INCHES WILL BE INSTALLED ACROSS THE PIPELINE DITCH IN SATURATED WETLAND SOIL CONDITIONS OR RESTORED PRE-CONSTRUCTION GRADE.

12. IN UNSATURATED CONDITIONS, SPOIL FROM THE WETLAND TRENCH MAY BE USED TO STABILIZE THE WORKING SIDE.

13. REMOVE TIMBER RIPRAP OR EQUIPMENT MATS FROM THE WETLANDS UPON COMPLETION OF CONSTRUCTION.

14. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.

Appendix D, Figure D - 15

Rover Pipeline Project - Typical Right-of-Way Configurations

Dual Rover Pipelines Typical Wetland Crossing (Non-Forested Only) No Overlap Construction Area

1.

2.

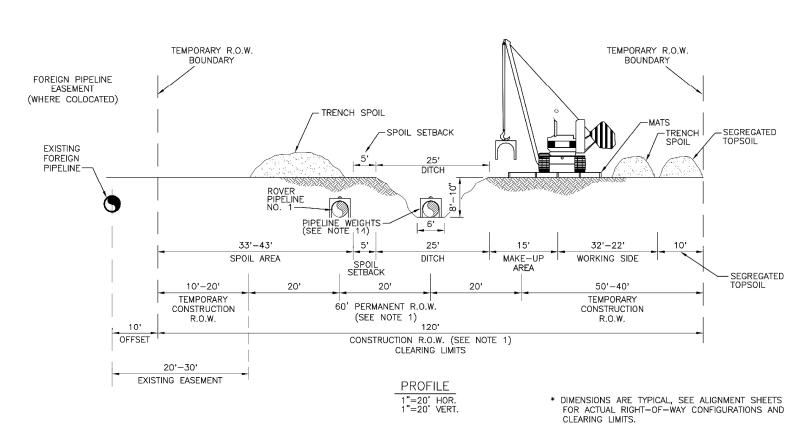
3.

4 5.

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Appendix 6



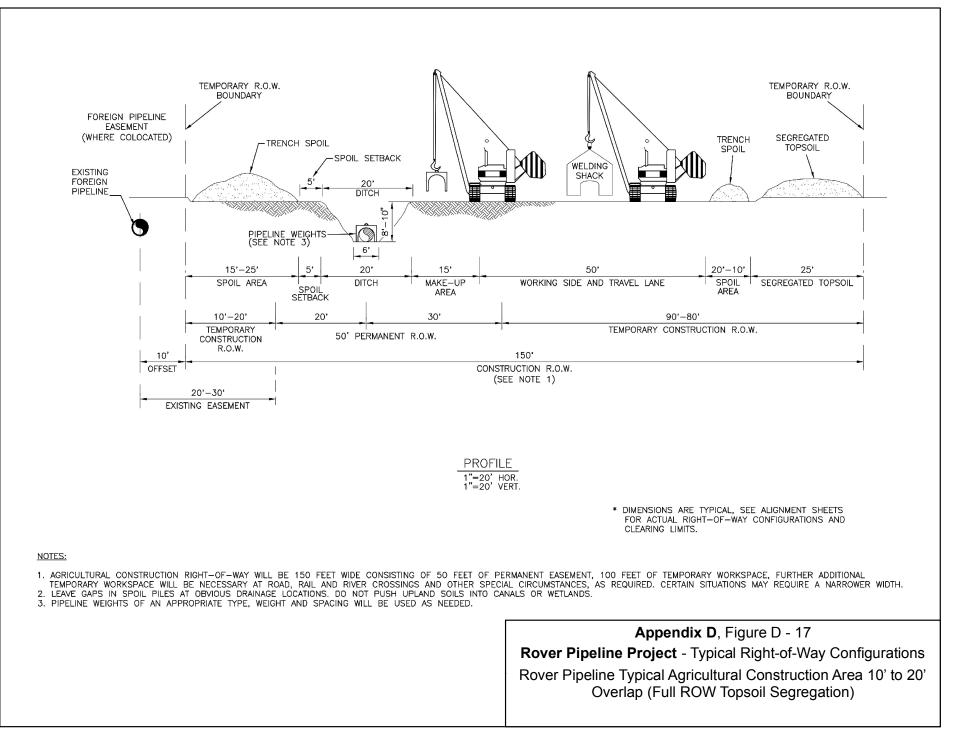
NOTES:

- CONSTRUCTION RIGHT-OF-WAY WILL BE 120 FEET IN WETLANDS CONSISTING OF 60 FEET OF PERMANENT EASEMENT AND 60 FEET OF TEMPORARY WORKSPACE. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH.
 EQUIPMENT MATS OR LOW GROUND WEIGHT EQUIPMENT SHALL BE USED IN SATURATED CONDITIONS.
- 3. UTILIZE THE "TRENCH ONLY" TOPSOIL SALVAGE METHOD.
- 4. DEPTH OF TOPSOIL TRENCHING NOT TO EXCEED 12 INCHES EXCEPT WHERE DEEPER STRIPPING IS STIPULATED BY THE CONSTRUCTION LINE LIST OR CONSTRUCTION ALIGNMENT SHEETS.
- 5. INSTALL SILT FENCE ALONG DOWNSTREAM SIDE OF THE CONSTRUCTION R.O.W.
- 6. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS. DO NOT USE TOPSOIL FOR PADDING.
- 7. AVOID SCALPING VEGETATED GROUND SURFACE WHEN BACKFILLING SPOIL AND TOPSOIL PILES.
- 8. TOPSOIL AND TRENCH SPOIL RELATIVE POSITIONS CAN, AS APPROVED BY THE ENVIRONMENTAL INSPECTOR, BE REVERSED. KEEP TOPSOIL CLEAN OF ALL CONSTRUCTION DEBRIS.
- 9. CUT VEGETATION AND TREES OFF AT GROUND LEVEL, LEAVING EXISTING ROOT SYSTEMS IN PLACE AND REMOVE CUTTINGS FROM THE WETLAND FOR DISPOSAL.
- 10. LIMIT THE PULLING OF STUMPS AND GRADING TO THE TRENCH AREA. DO NOT GRADE OR REMOVE STUMPS OR ROOT SYSTEMS FROM THE REST OF THE RIGHT-OF-WAY UNLESS REQUIRED BY SAFETY-RELATED CONSTRUCTION CONSTRAINT. TRAVEL THROUGH WETLAND WILL BE LIMITED TO ONE PASS TO CONSTRUCT THE WETLAND TRAVEL LANE.
- 11. FOLLOWING BACKFILLING OF THE PIPELINE DITCH AND PRIOR TO THE FINAL PIPELINE RIGHT-OF-WAY RESTORATION, A CROWN OF NO GREATER THAN 6 INCHES WILL BE INSTALLED ACROSS THE PIPELINE DITCH IN SATURATED WETLAND SOIL CONDITIONS OR RESTORED PRE-CONSTRUCTION GRADE.
- 12. IN UNSATURATED CONDITIONS, SPOIL FROM THE WETLAND TRENCH MAY BE USED TO STABILIZE THE WORKING SIDE.
- 13. REMOVE TIMBER RIPRAP OR EQUIPMENT MATS FROM THE WETLANDS UPON COMPLETION OF CONSTRUCTION.
- 14. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED.

Appendix D, Figure D - 16

Rover Pipeline Project - Typical Right-of-Way Configurations

Dual Rover Pipelines Typical Wetland Crossing (Non-Forested Only) 10'-20' Overlap Construction Area



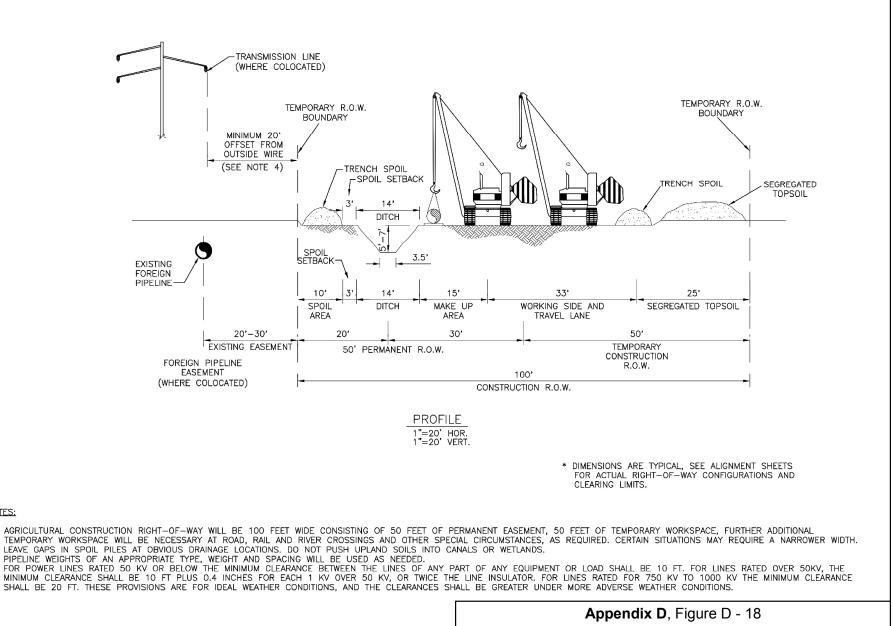
NOTES:

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2.

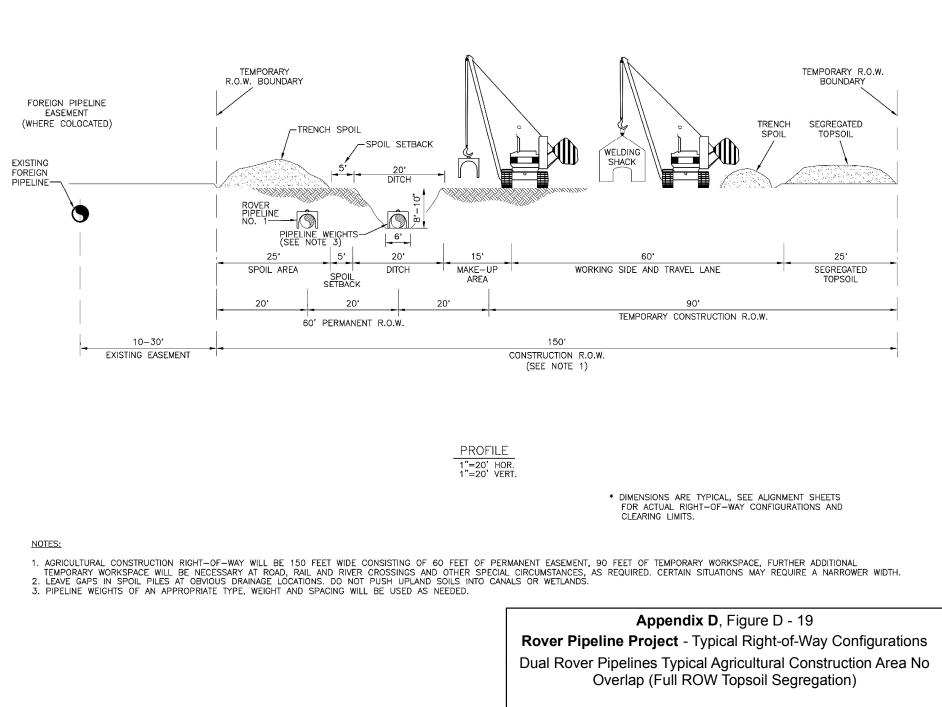
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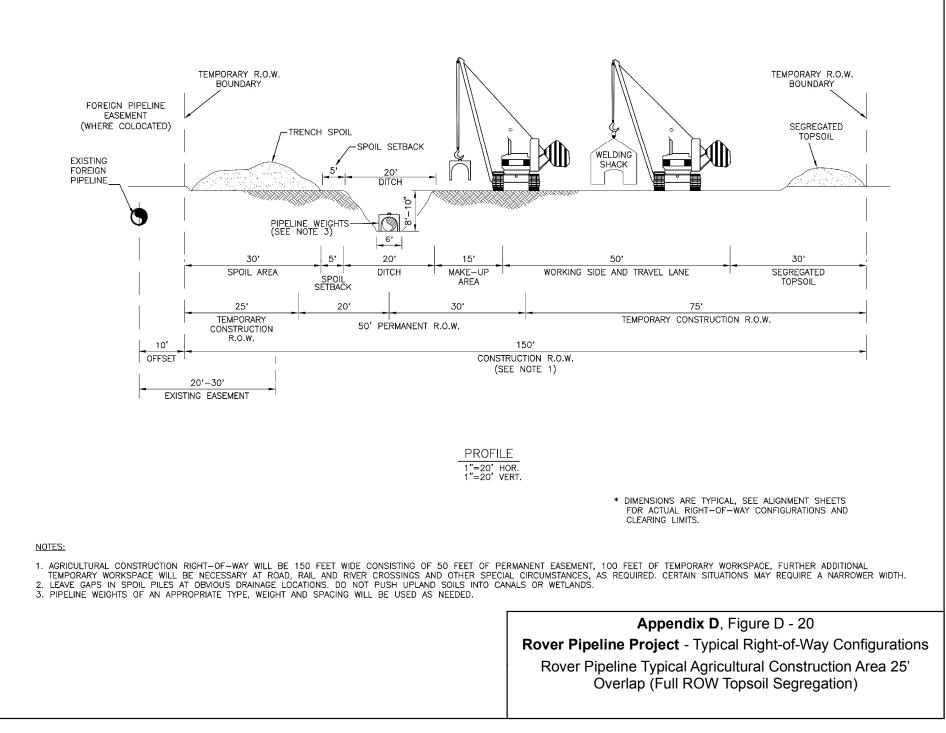
Rover Pipeline Project - Typical Right-of-Way Configurations

Rover Pipeline 24" CGT, Berne & Majorsville Laterals Typical Agricultural Construction Area w & w/o Parallel Foreign P/L or Transmission Line No Overlap (Full ROW Topsoil Segregation)

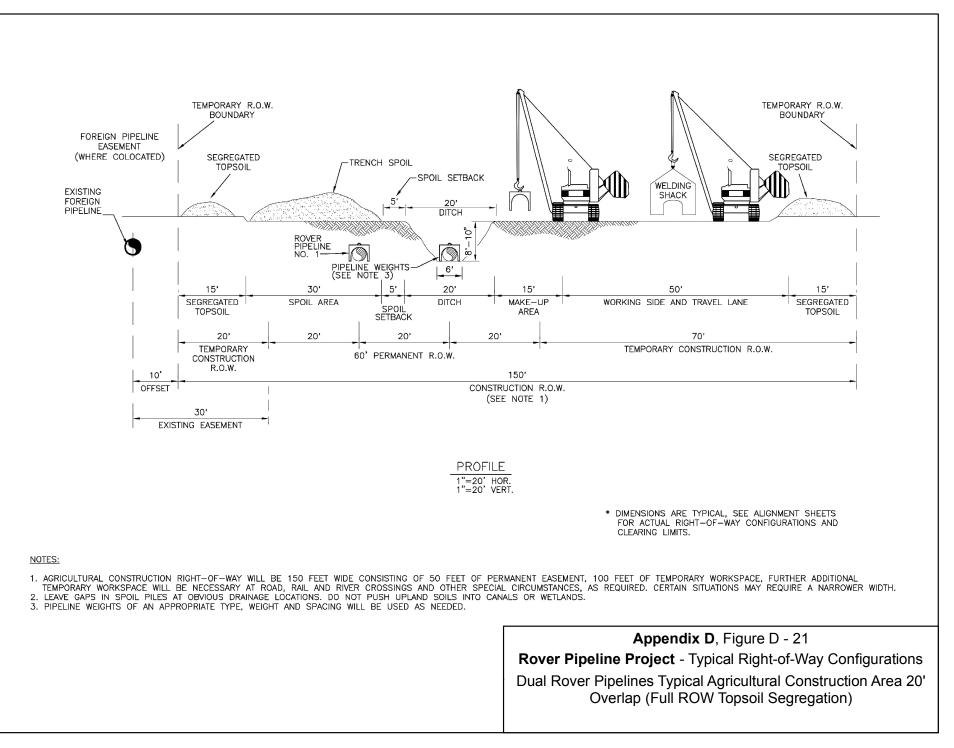


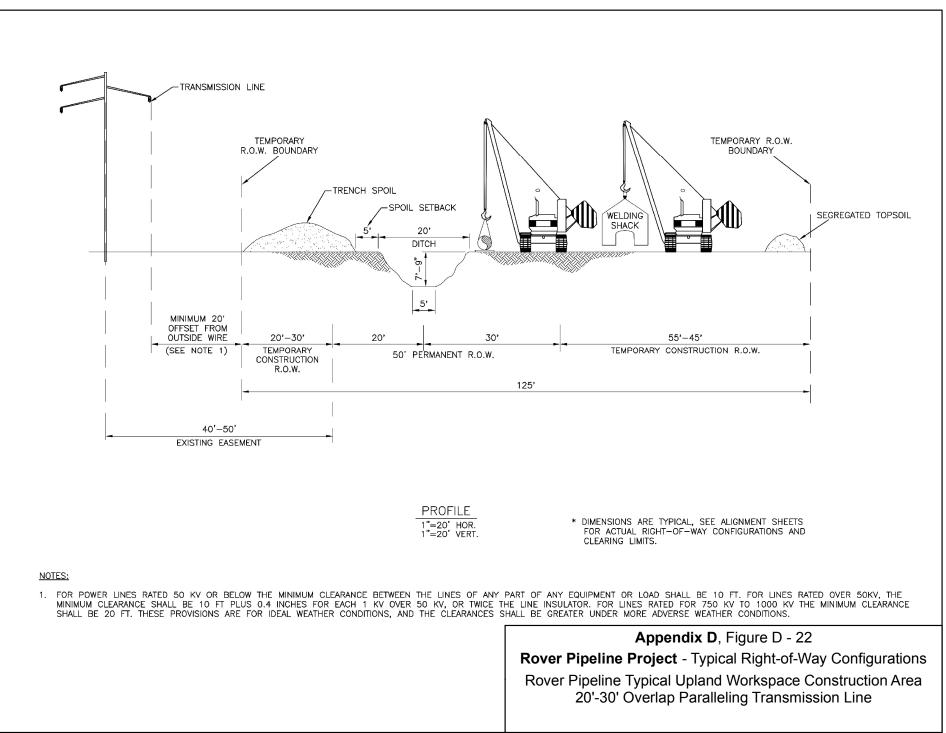
D-21

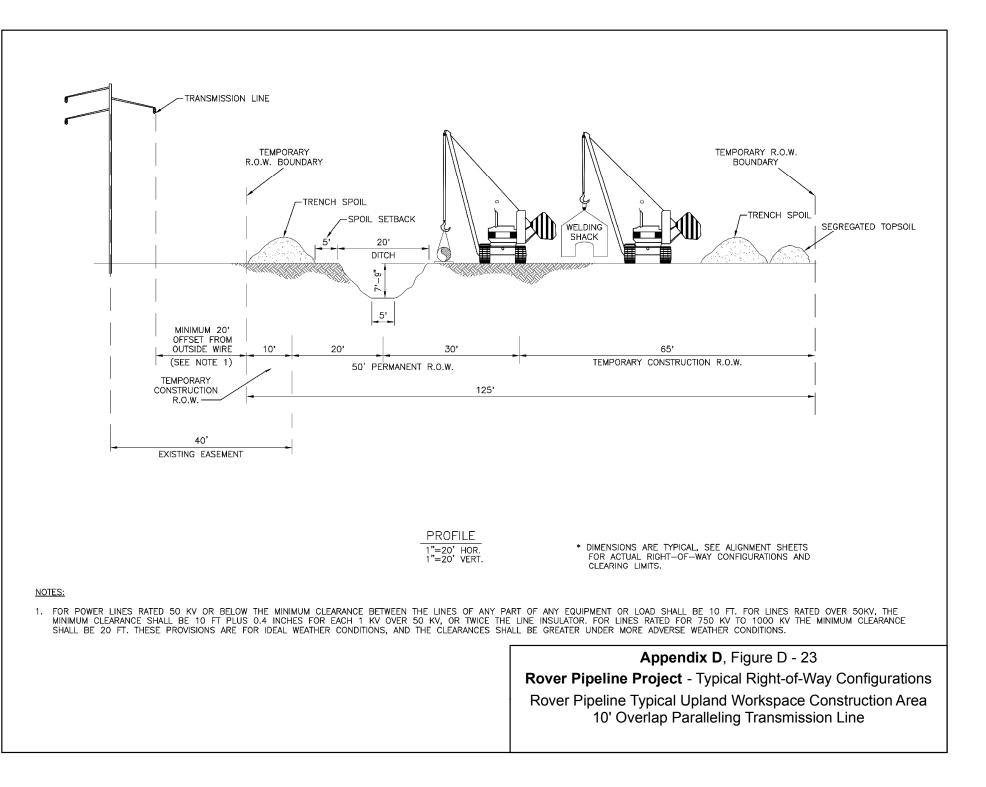
Appendix D



Appendix D







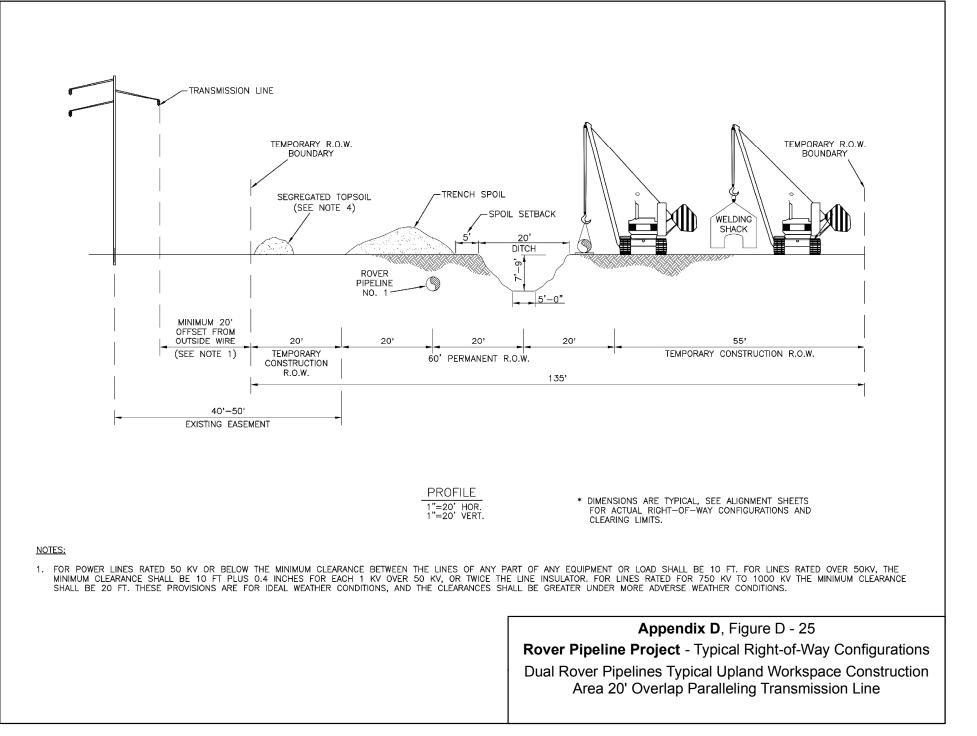
TRANSMISSION LINE TEMPORARY R.O.W. BOUNDARY TEMPORARY R.O.W. BOUNDARY RENCH SPOIL -SPOIL SETBACK SEGREGATED TOPSOIL 14' DITCH ٦ ١ SPOIL SETBACK 3.5' 10' 3 14' 15' 33' SPOIL DITCH MAKE UP WORKING SIDE AND MINIMUM 20' AREA AREA TRAVEL LANE OFFSET FROM OUTSIDE WIRE 20' 30' 25' TEMPORARY (SEE NOTE 4) 50' PERMANENT R.O.W. CONSTRUCTION R.O.W. 20'-50' 75' EXISTING EASEMENT CONSTRUCTION R.O.W. PROFILE * DIMENSIONS ARE TYPICAL, SEE ALIGNMENT SHEETS FOR ACTUAL RIGHT-OF-WAY CONFIGURATIONS AND 1"=20' HOR. 1"=20' VERT. CLEARING LIMITS. NOTES: CONSTRUCTION RIGHT-OF-WAY WILL TYPICALLY BE 75 FEET WIDE CONSISTING OF 50 FEET OF PERMANENT EASEMENT AND 25 FEET OF TEMPORARY WORKSPACE. ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGE LOCATIONS. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS. PIPELINE WEIGHTS OF AN APPROPRIATE TYPE, WEIGHT AND SPACING WILL BE USED AS NEEDED. FOR POWER LINES RATED 50 KV OR BELOW THE MINIMUM CLEARANCE BETWEEN THE LINES OF ANY PART OF ANY EQUIPMENT OR LOAD SHALL BE 10 FT. FOR LINES RATED OVER 50KV, THE MINIMUM CLEARANCE SHALL BE 10 FT PLUS 0.4 INCHES FOR EACH 1 KV OVER 50 KV, OR TWICE THE LINE INSULATOR. FOR LINES RATED FOR 750 KV TO 1000 KV THE MINIMUM CLEARANCE SHALL BE 20 FT. THESE PROVISIONS ARE FOR IDEAL WEATHER CONDITIONS, AND THE CLEARANCES SHALL BE GREATER UNDER MORE ADVERSE WEATHER CONDITIONS. Appendix D, Figure D - 24 Rover Pipeline Project - Typical Right-of-Way Configurations Rover Pipeline 24" CGT, Berne & Majorsville Laterals Typical Upland & Wetland Workspace Construction Area-No Overlap

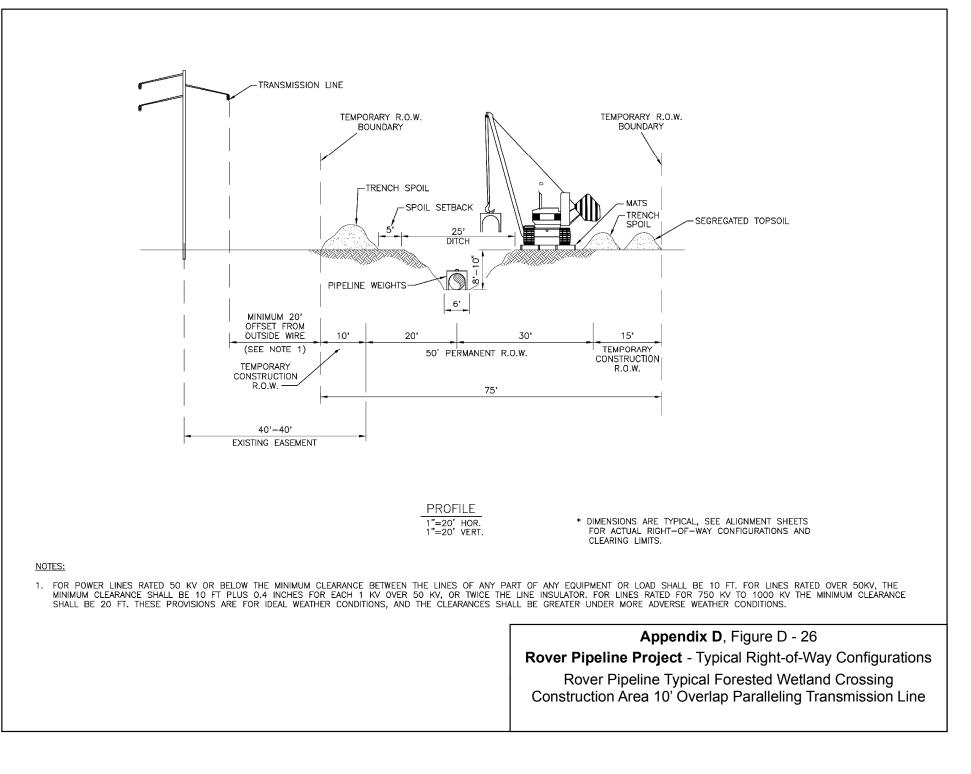
Paralleling Transmission Line

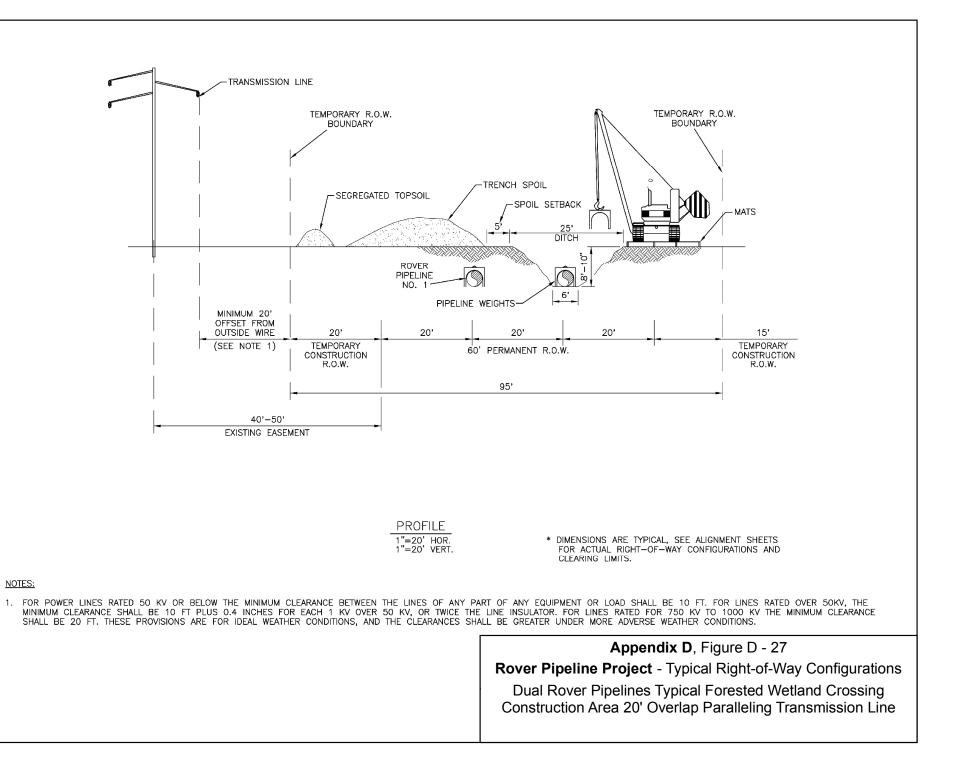
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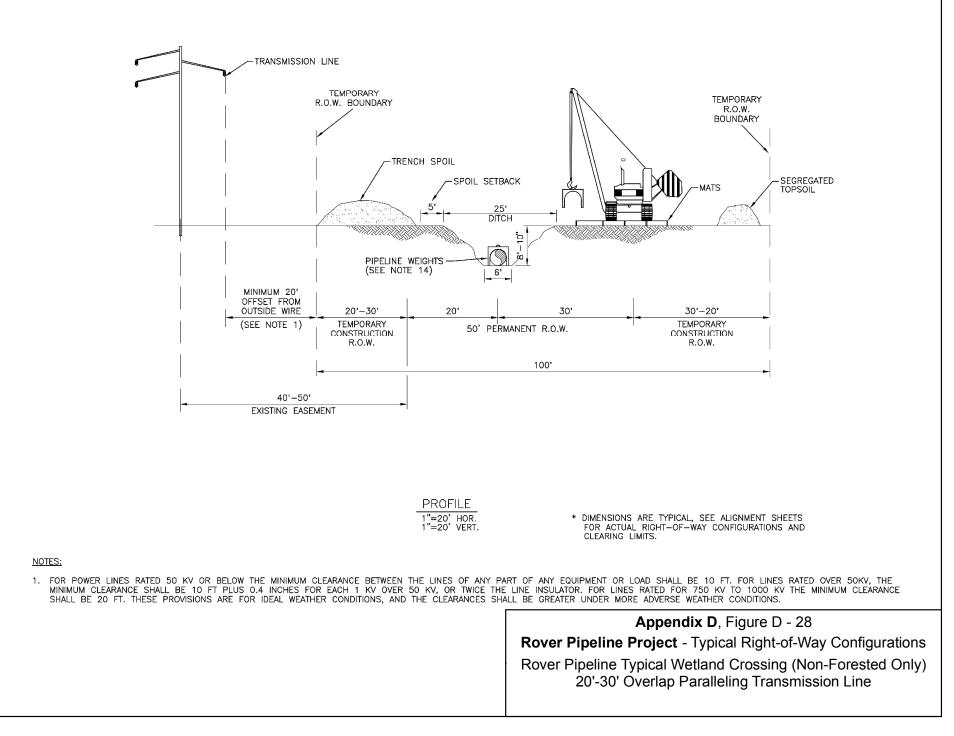
2. 3.

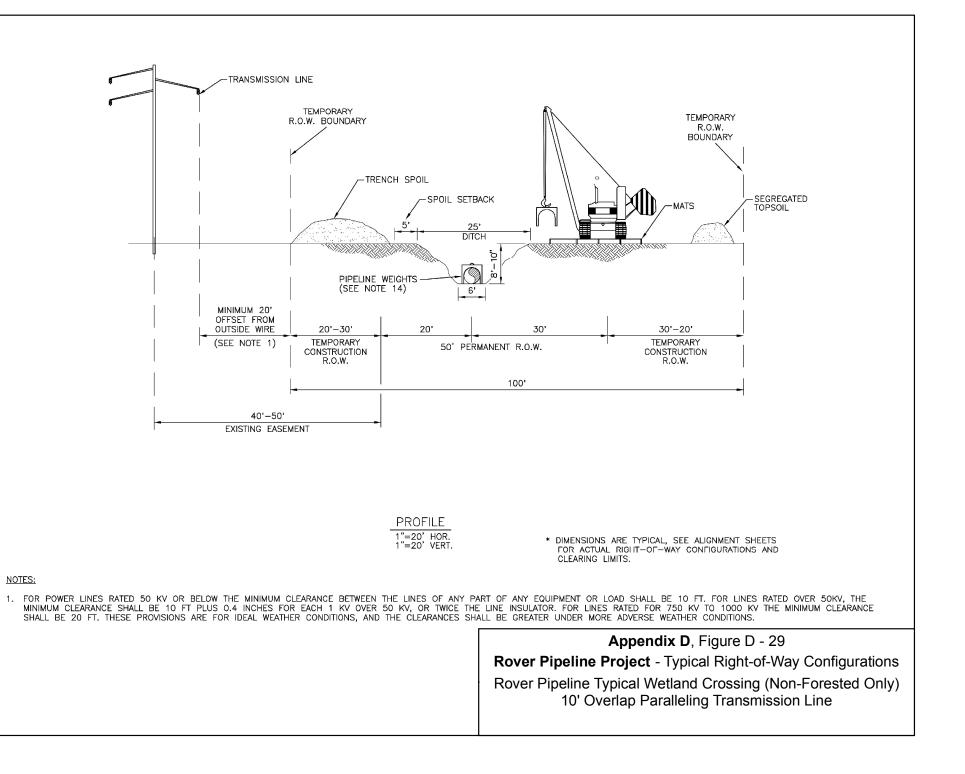
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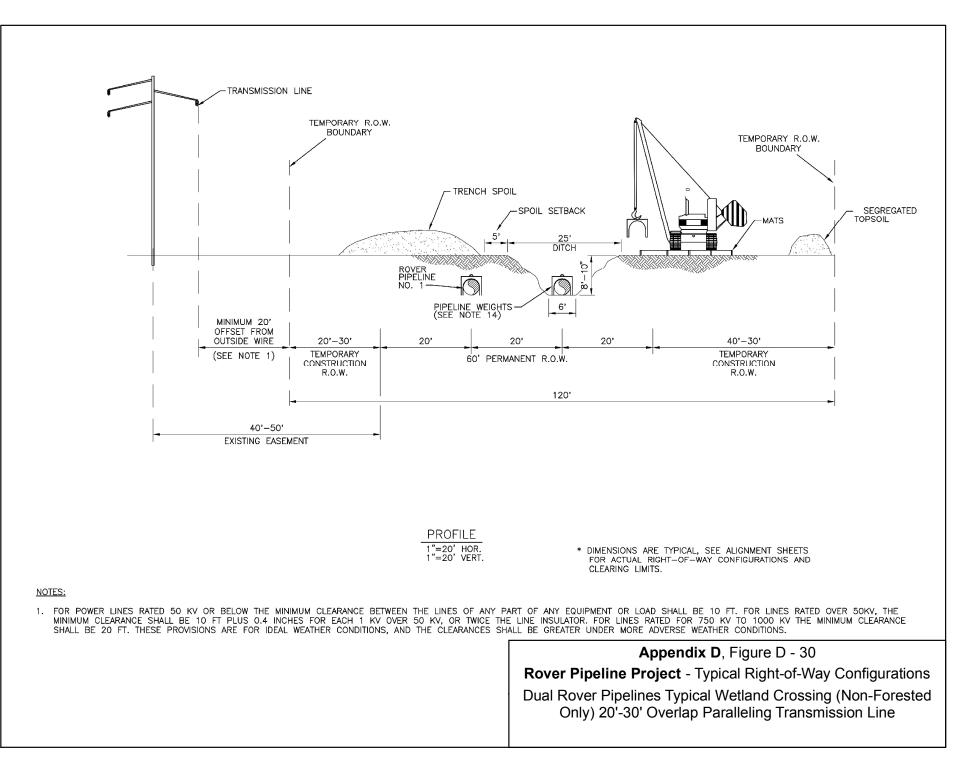


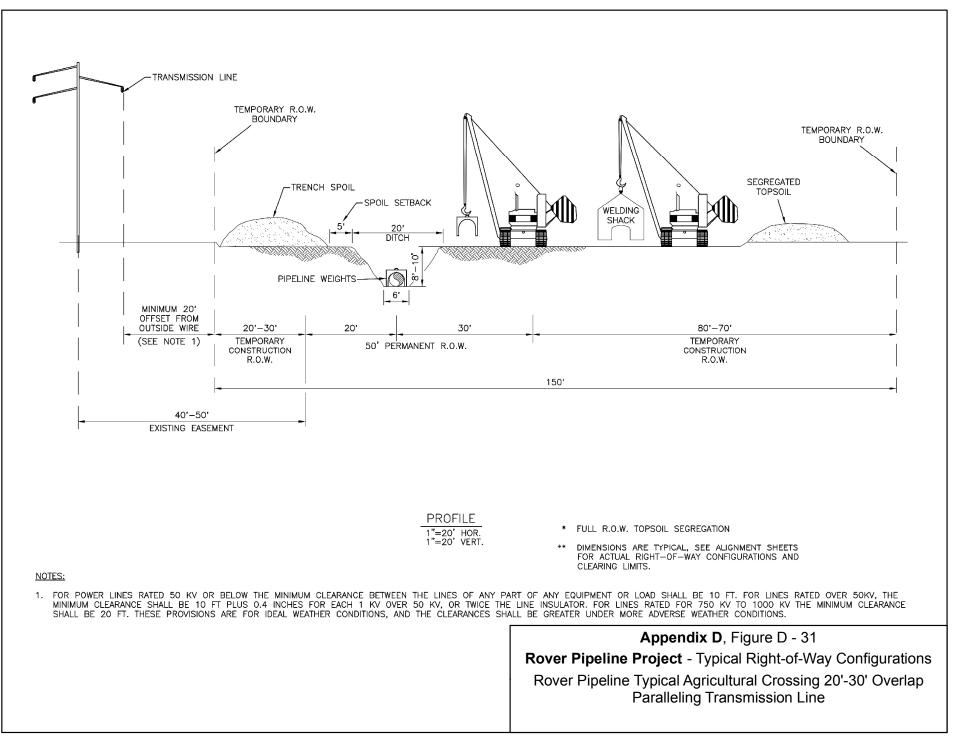


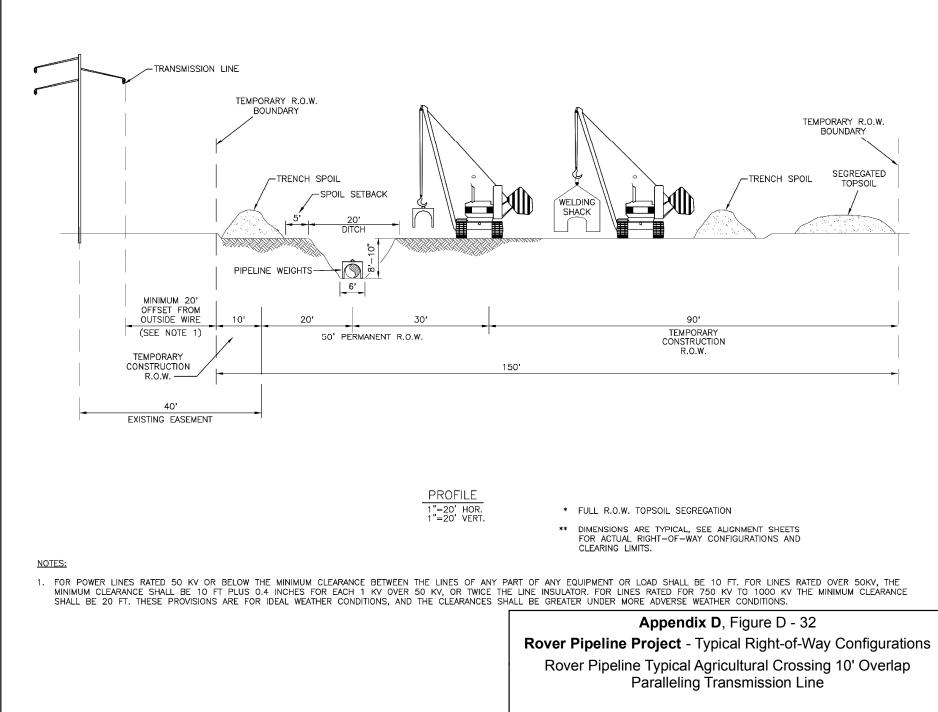


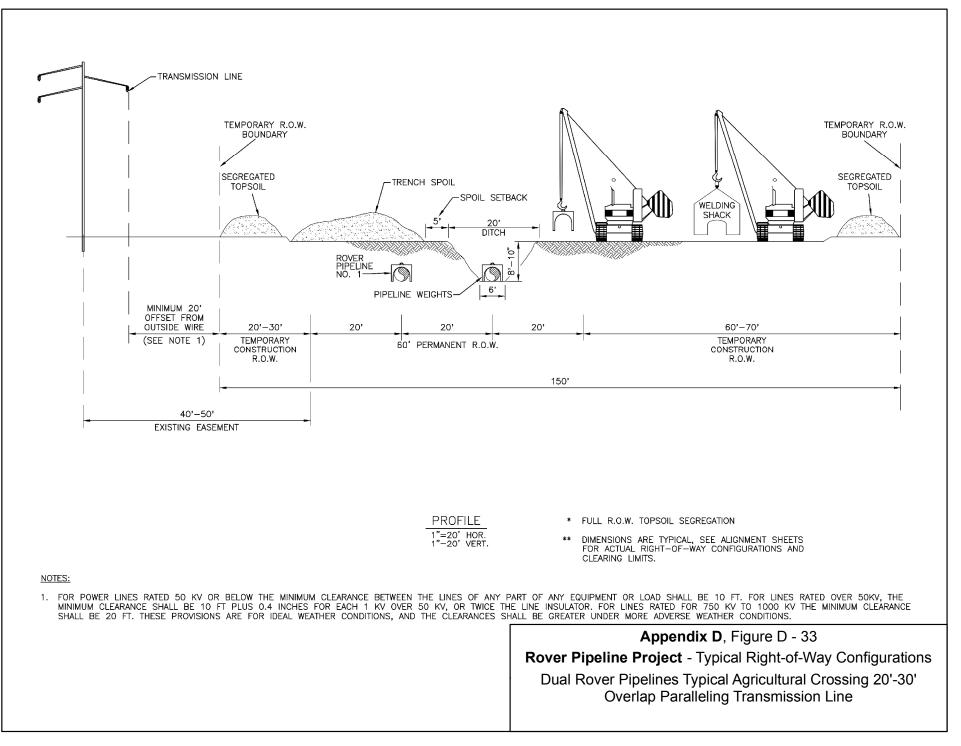




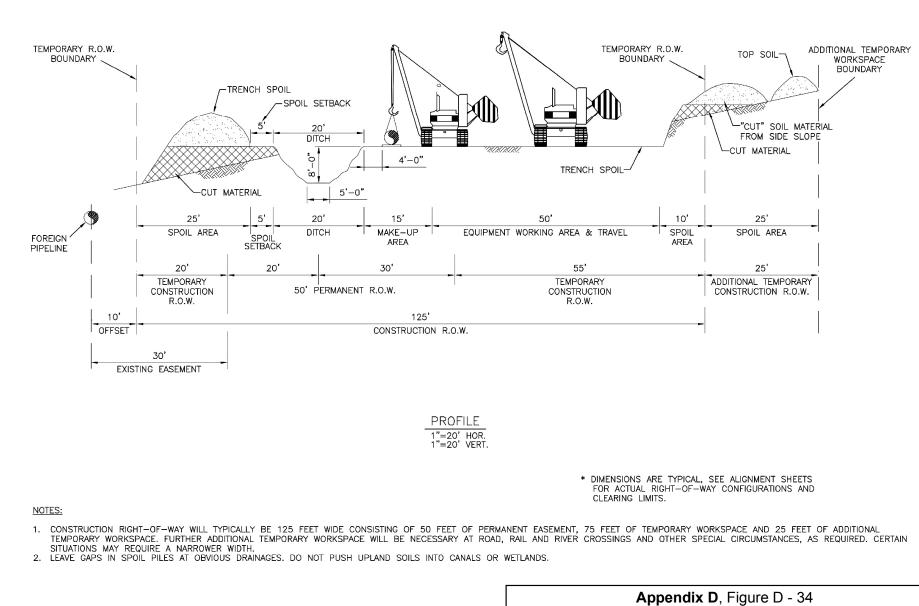








Appendix D



Rover Pipeline Project - Typical Right-of-Way Configurations Rover Pipeline Typical Upward Side Slope Workspace Construction Area

NOTES:

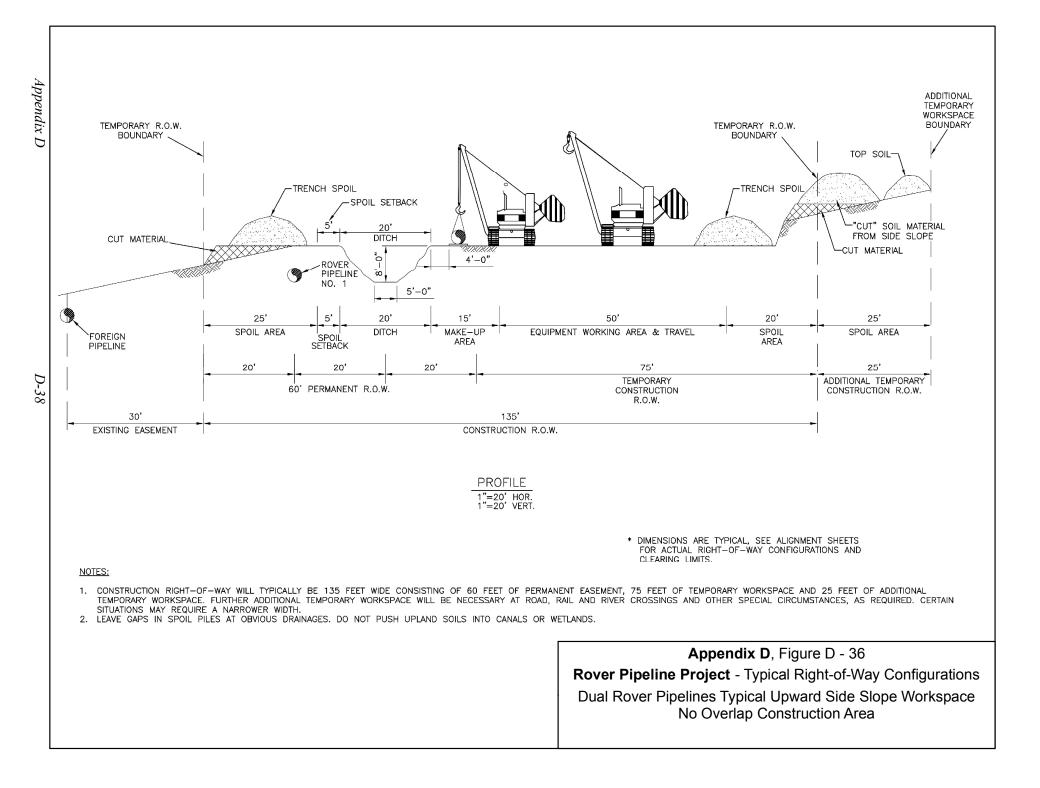
1. TEMPORARY WORKSPACE. FURTHER ADDITIONAL TEMPORARY WORKSPACE WILL BE NECESSARY AT ROAD, RAIL AND RIVER CROSSINGS AND OTHER SPECIAL CIRCUMSTANCES, AS REQUIRED. CERTAIN SITUATIONS MAY REQUIRE A NARROWER WIDTH.

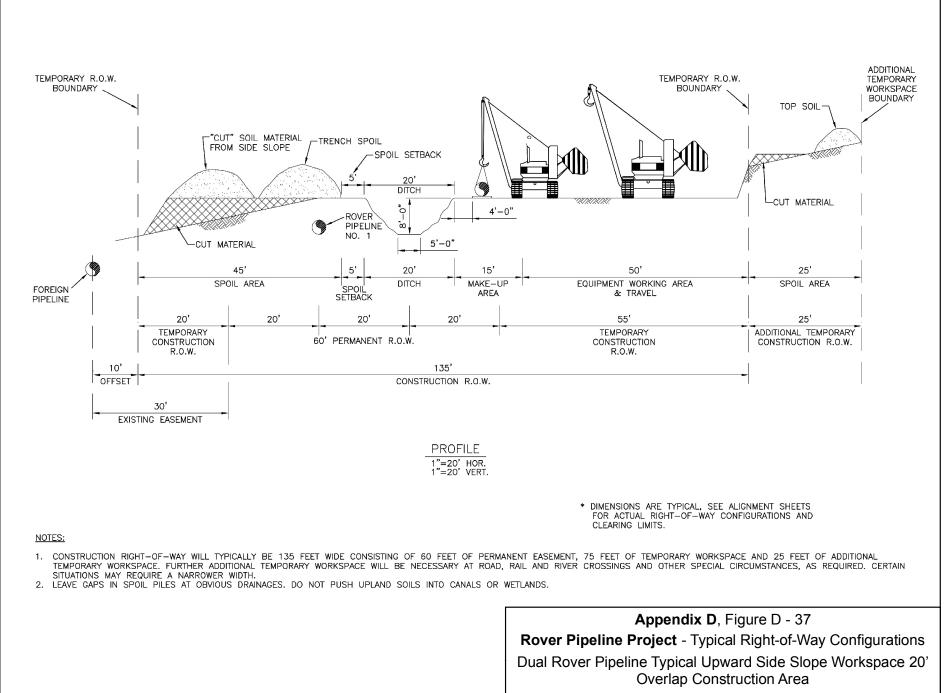
> Appendix D, Figure D - 35 Rover Pipeline Project - Typical Right-of-Way Configurations Rover Pipeline 24" CGT, Berne & Majorsville Laterals Typical Upward Side Slope No Overlap Construction Area

2. LEAVE GAPS IN SPOIL PILES AT OBVIOUS DRAINAGES. DO NOT PUSH UPLAND SOILS INTO CANALS OR WETLANDS.

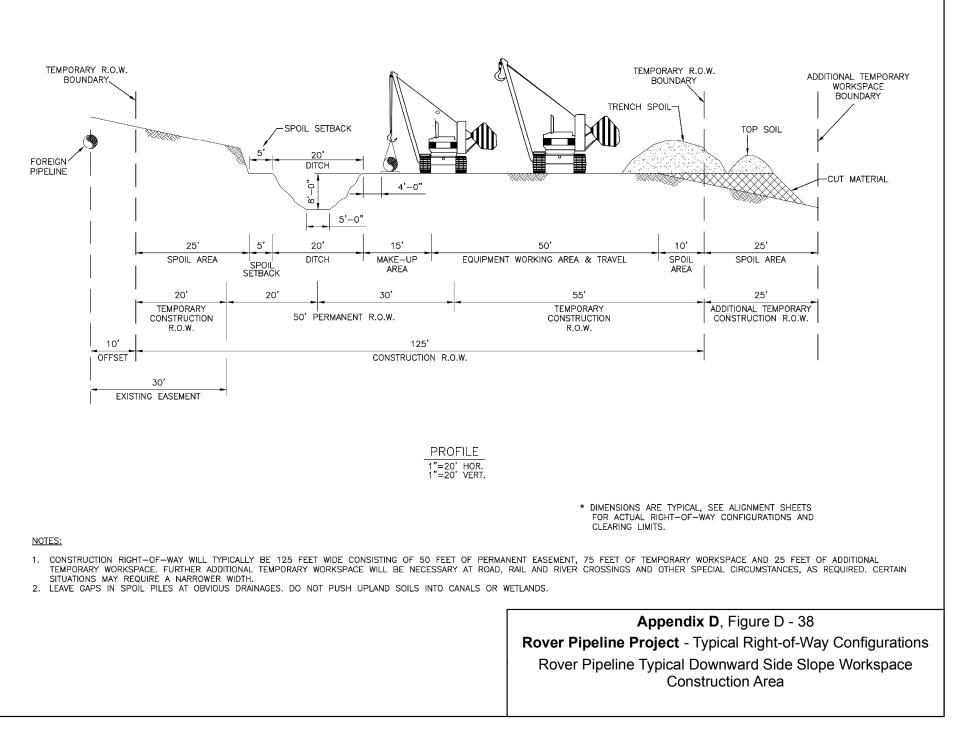
Appendix D

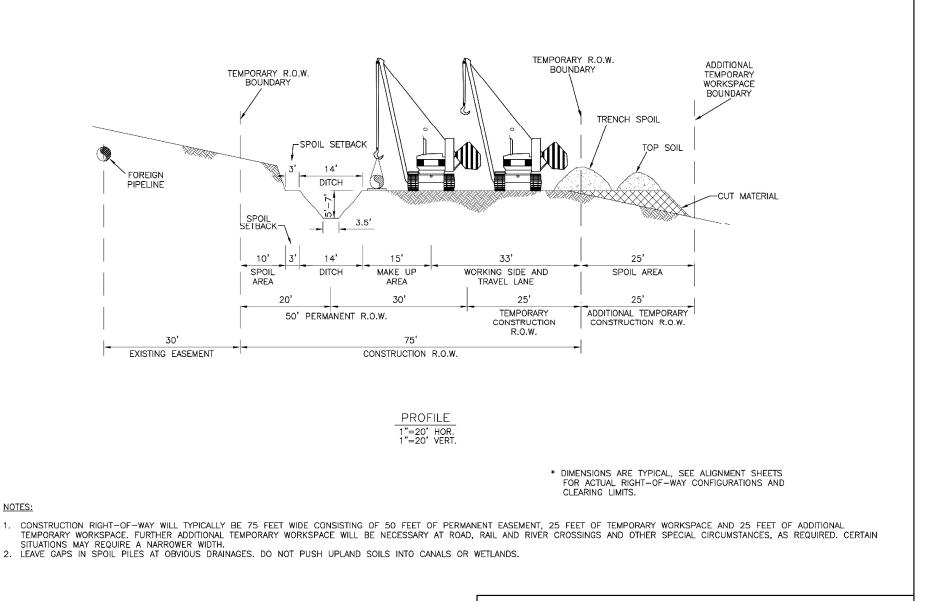
TEMPORARY R.O.W. ADDITIONAL BOUNDARY TEMPORARY R.O.W. TEMPORARY BOUNDARY WORKSPACE BOUNDARY TOP SOIL TRENCH SPOIL -SPOIL SETBACK 3 14' "CUT" SOIL MATERIAL DITCH FROM SIDE SLOPE 7 -CUT MATERIAL int SPOIL SETBACK 3.5' 14' 15' 25' 10' 3' 33' SPOIL DITCH MAKE UP WORKING SIDE AND SPOIL AREA TRAVEL LANE AREA AREA FOREIGN PIPELINE 20' 30' 25' 25' TEMPORARY ADDITIONAL TEMPORARY 50' PERMANENT R.O.W. CONSTRUCTION CONSTRUCTION R.O.W. R.O.W. 75' 30' EXISTING EASEMENT CONSTRUCTION R.O.W. PROFILE 1"=20' HOR. 1"=20' VERT. * DIMENSIONS ARE TYPICAL, SEE ALIGNMENT SHEETS FOR ACTUAL RIGHT-OF-WAY CONFIGURATIONS AND CLEARING LIMITS. CONSTRUCTION RIGHT-OF-WAY WILL TYPICALLY BE 75 FEET WIDE CONSISTING OF 50 FEET OF PERMANENT EASEMENT, 25 FEET OF TEMPORARY WORKSPACE AND 25 FEET OF ADDITIONAL





Appendix D

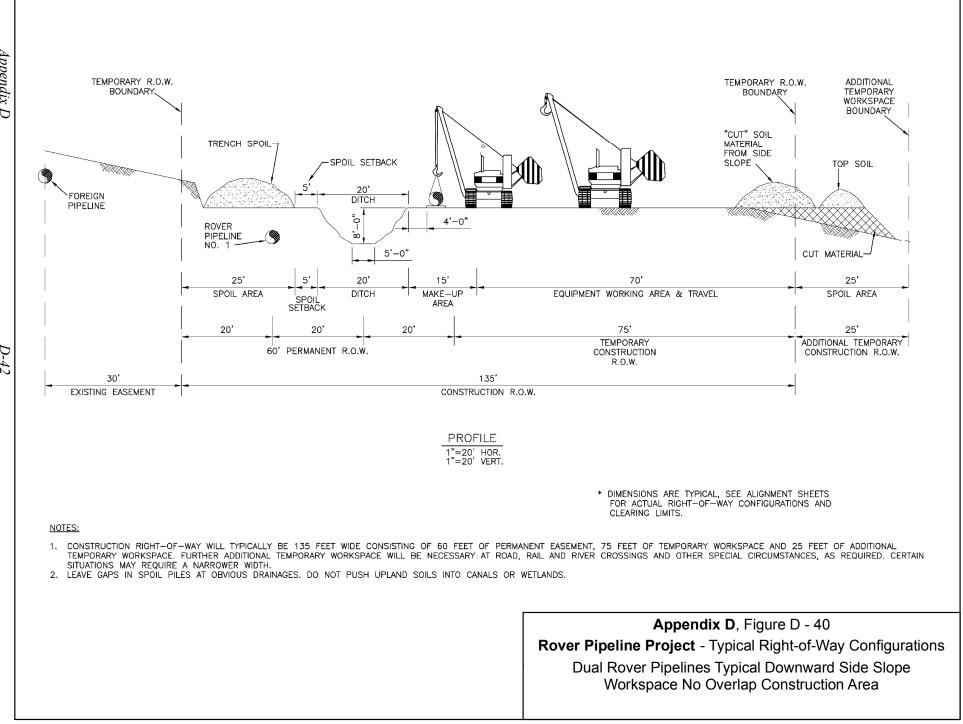




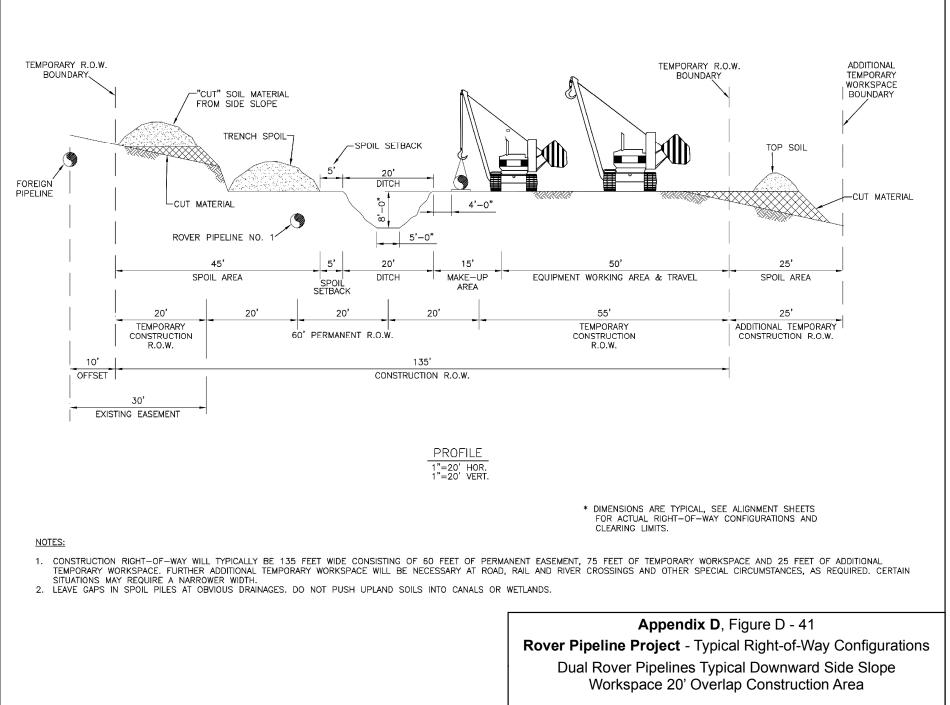
Appendix D, Figure D - 39

Rover Pipeline Project - Typical Right-of-Way Configurations

Rover Pipeline 24" CGT, Berne & Majorsville Laterals Typical Downward Side Slope Workspace Construction Area



Appendix D



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Appendix D