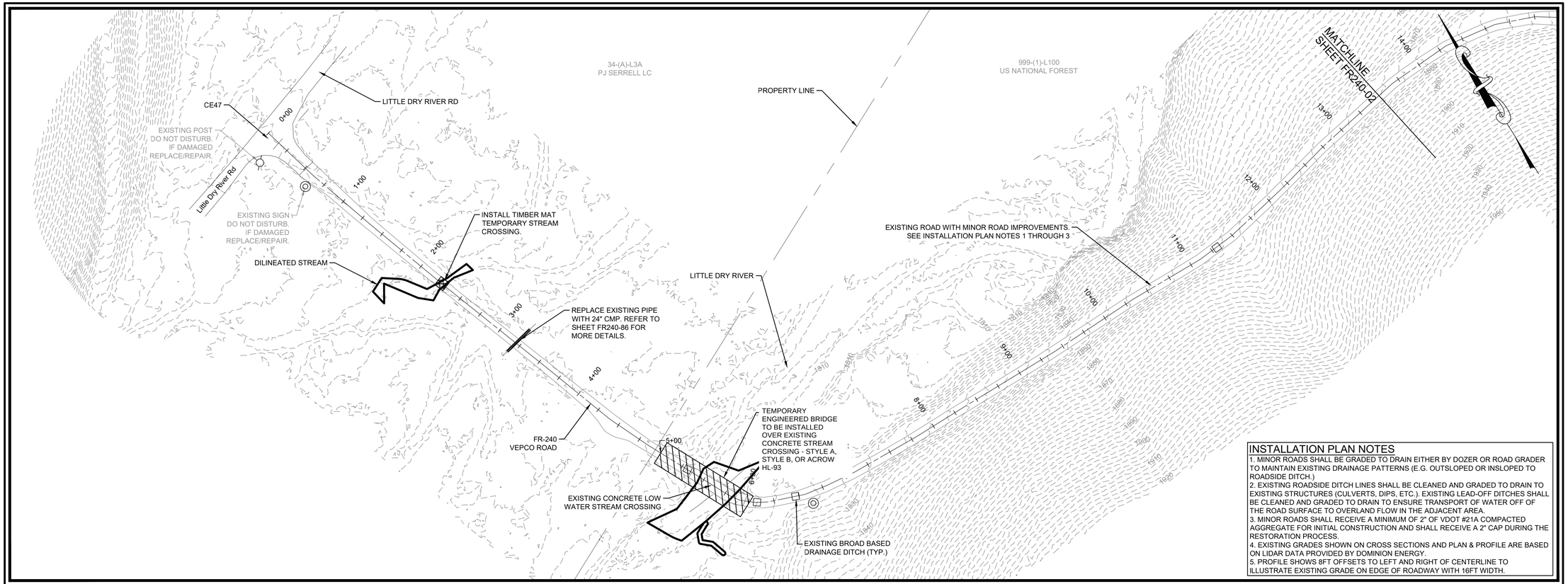
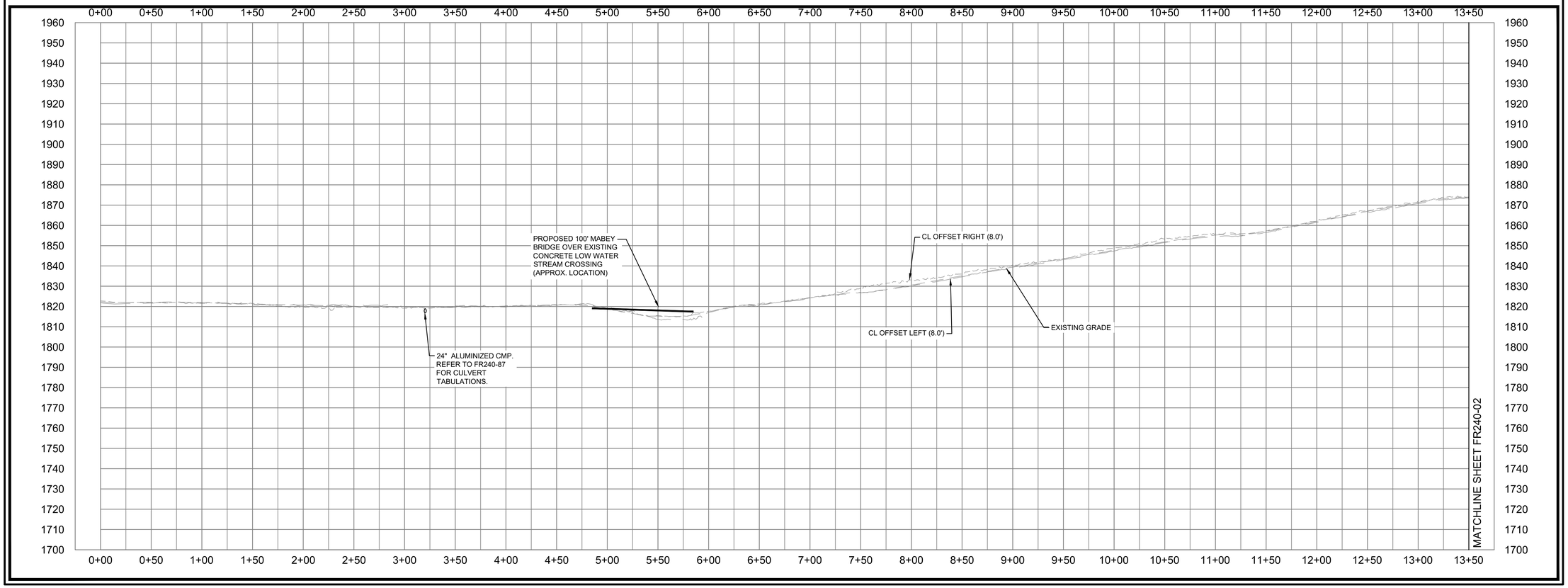


INSTALLATION PLAN NOTES

1. MINOR ROADS SHALL BE GRADED TO DRAIN EITHER BY DOZER OR ROAD GRADER TO MAINTAIN EXISTING DRAINAGE PATTERNS (E.G. OUTSLOPED OR INSLOPED TO ROADSIDE DITCH.)
2. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STRUCTURES (CULVERTS, DIPS, ETC.). EXISTING LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
3. MINOR ROADS SHALL RECEIVE A MINIMUM OF 2" OF VDOT #21A COMPACTED AGGREGATE FOR INITIAL CONSTRUCTION AND SHALL RECEIVE A 2" CAP DURING THE RESTORATION PROCESS.
4. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
5. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



Dewberry

Dewberry Engineers Inc.
4805 LAKE BROOK DRIVE
SUITE 200
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804.290.7957 (PHONE)
804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

0' 50' 100'
HORIZONTAL SCALE

0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

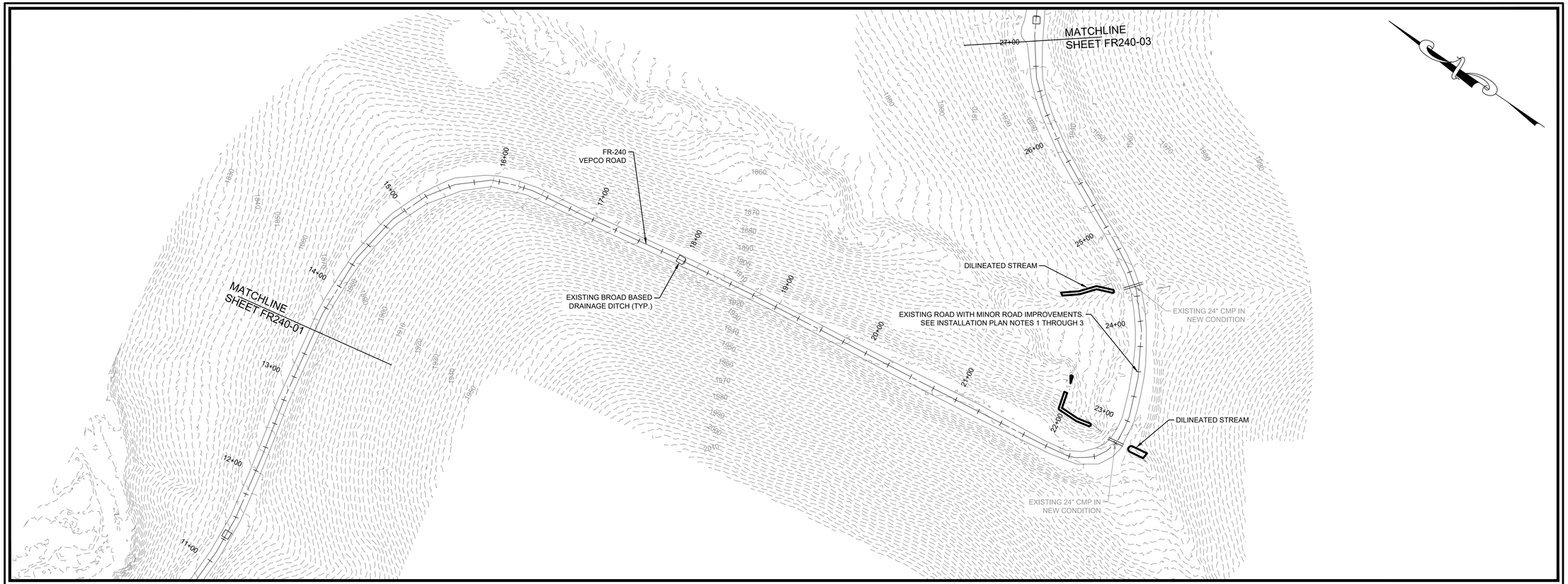
TITLE

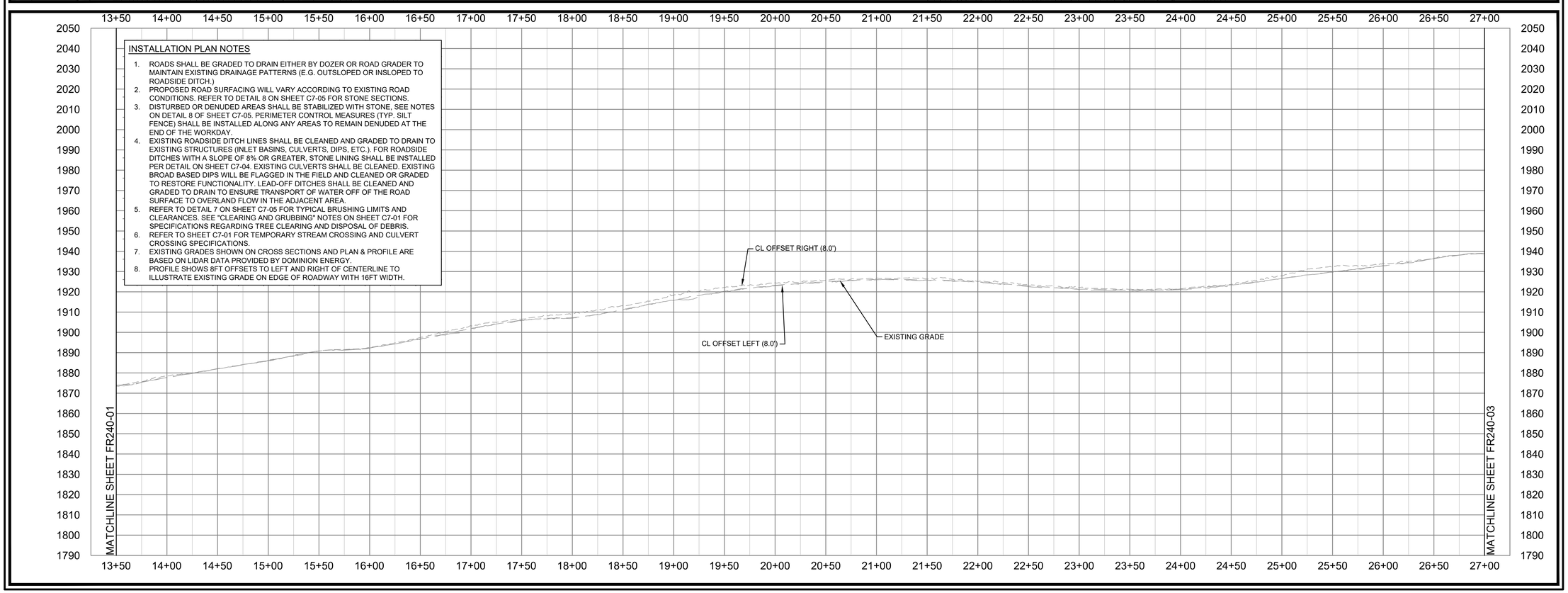
FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-01

SHEET NO.





INSTALLATION PLAN NOTES

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2. PROPOSED ROAD SURFACING WILL VARY ACCORDING TO EXISTING ROAD CONDITIONS. REFER TO DETAIL 8 ON SHEET C7-05 FOR STONE SECTIONS.
3. DISTURBED OR DENUDED AREAS SHALL BE STABILIZED WITH STONE, SEE NOTES ON DETAIL 8 OF SHEET C7-05. PERIMETER CONTROL MEASURES (TYP. SILT FENCE) SHALL BE INSTALLED ALONG ANY AREAS TO REMAIN DENUDED AT THE END OF THE WORKDAY.
4. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STRUCTURES (INLET BASINS, CULVERTS, DIPS, ETC.). FOR ROADSIDE DITCHES WITH A SLOPE OF 8% OR GREATER, STONE LINING SHALL BE INSTALLED PER DETAIL ON SHEET C7-04. EXISTING CULVERTS SHALL BE CLEANED. EXISTING BROAD BASED DIPS WILL BE FLAGGED IN THE FIELD AND CLEANED OR GRADED TO RESTORE FUNCTIONALITY. LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
5. REFER TO DETAIL 7 ON SHEET C7-05 FOR TYPICAL BRUSHING LIMITS AND CLEARANCES. SEE "CLEARING AND GRUBBING" NOTES ON SHEET C7-01 FOR SPECIFICATIONS REGARDING TREE CLEARING AND DISPOSAL OF DEBRIS.
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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

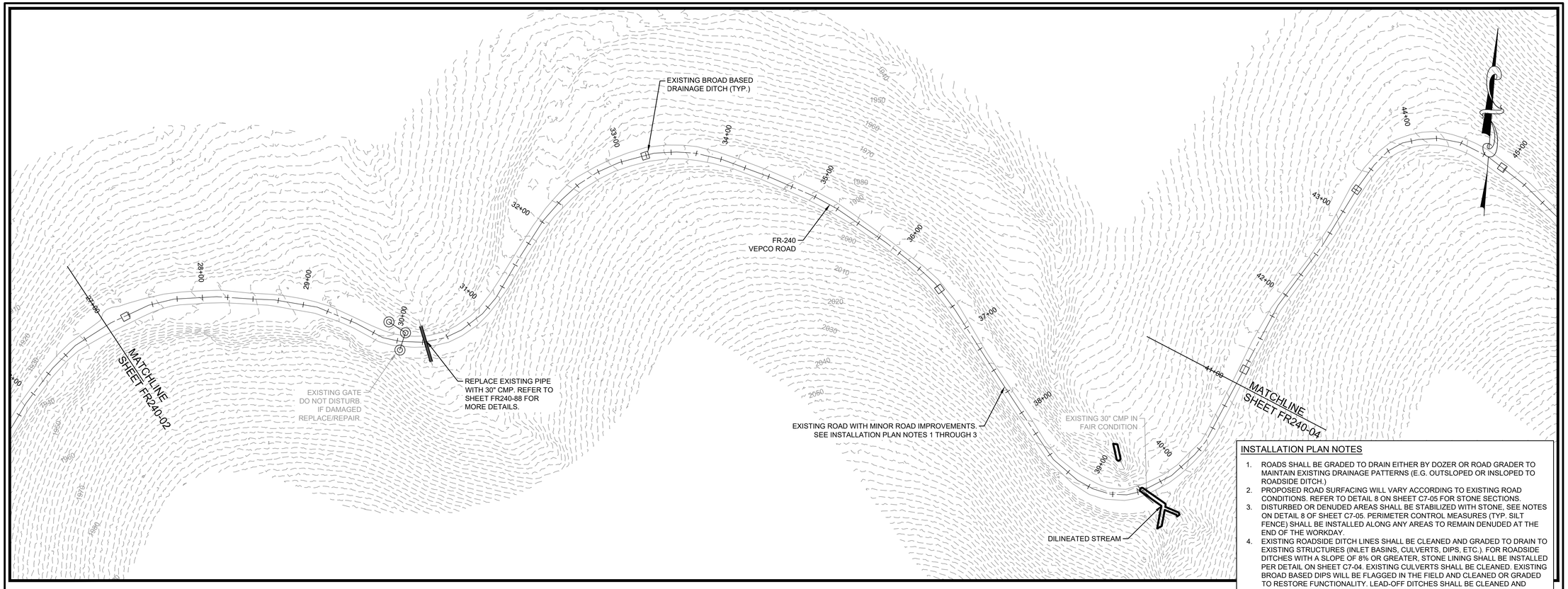
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-02

SHEET NO.



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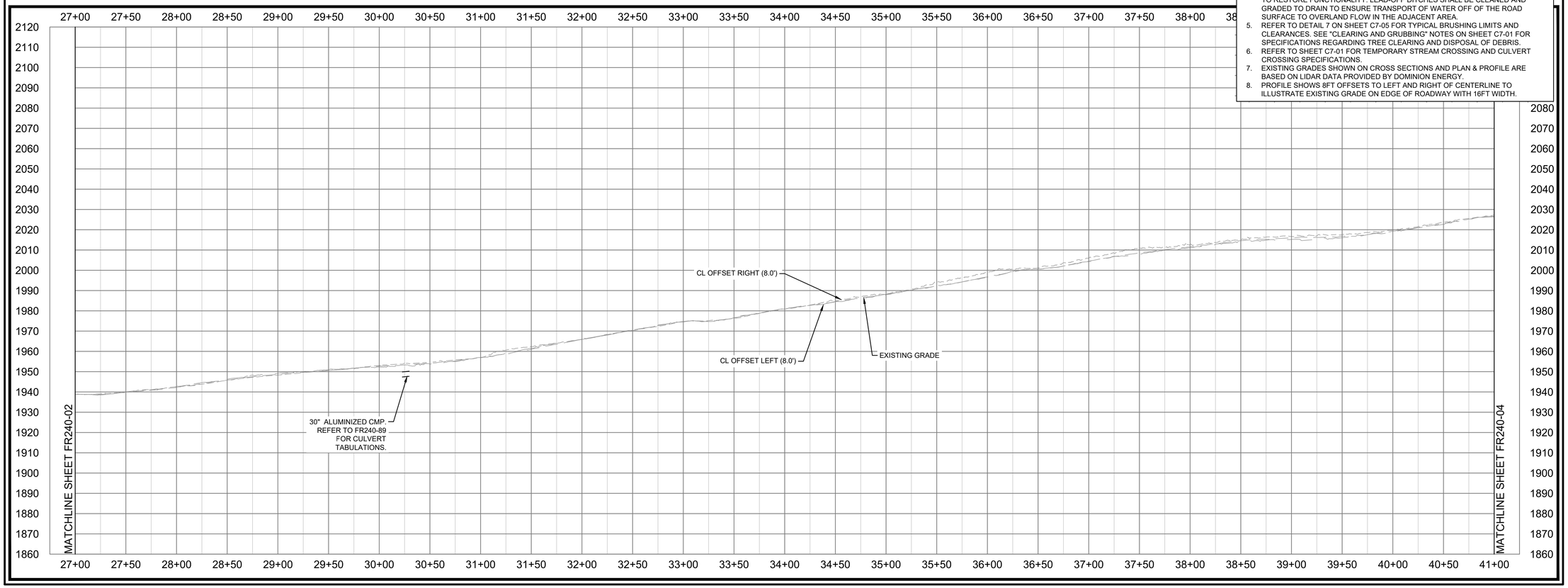

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

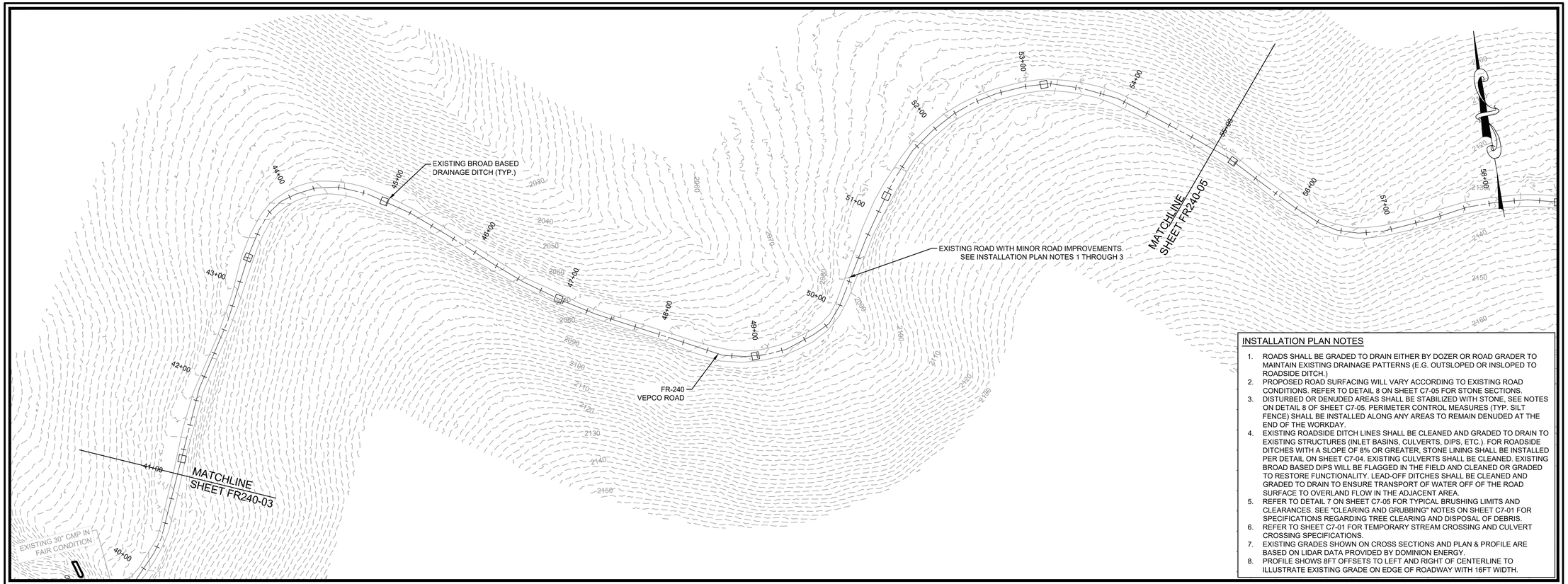
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-03

SHEET NO.



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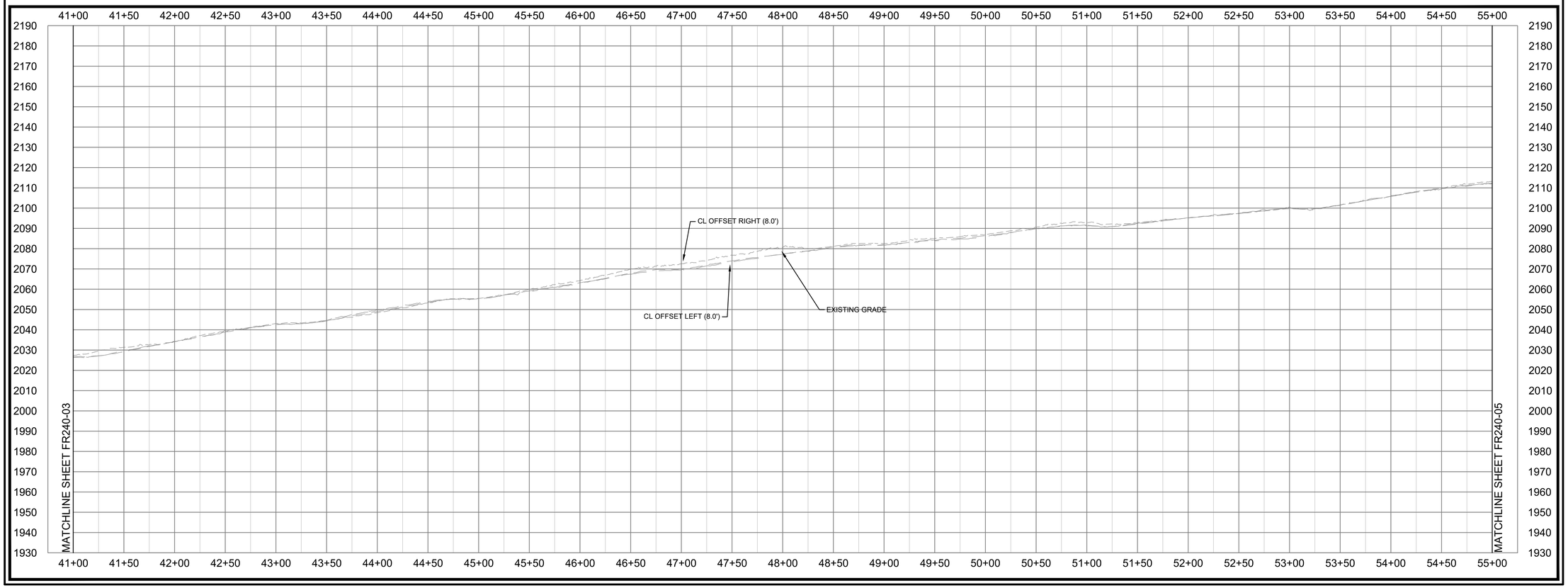

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

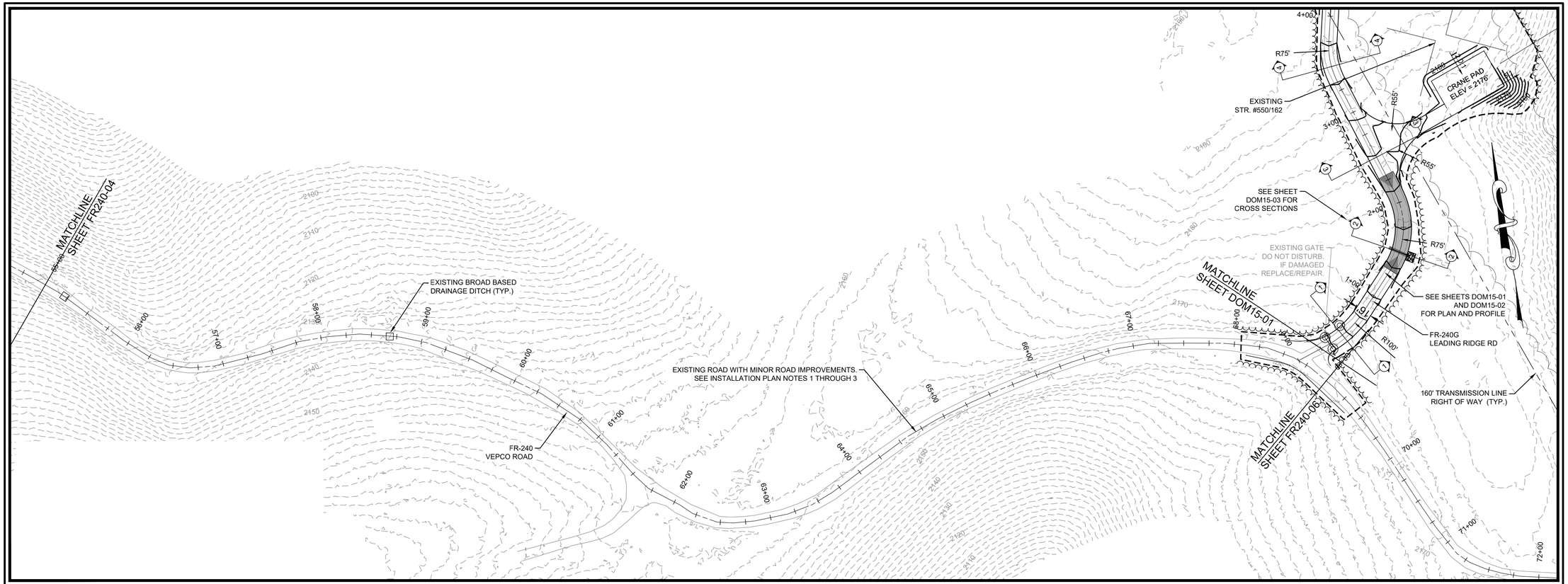
TITLE

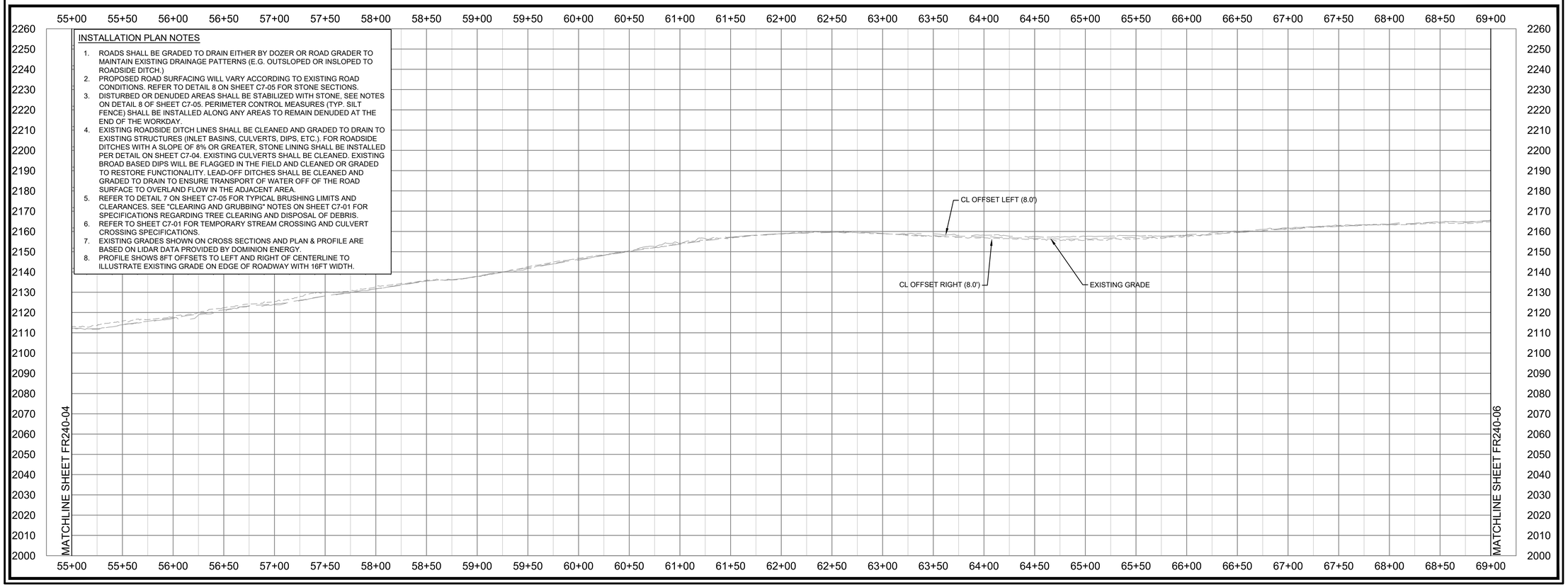
FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-04

SHEET NO.





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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

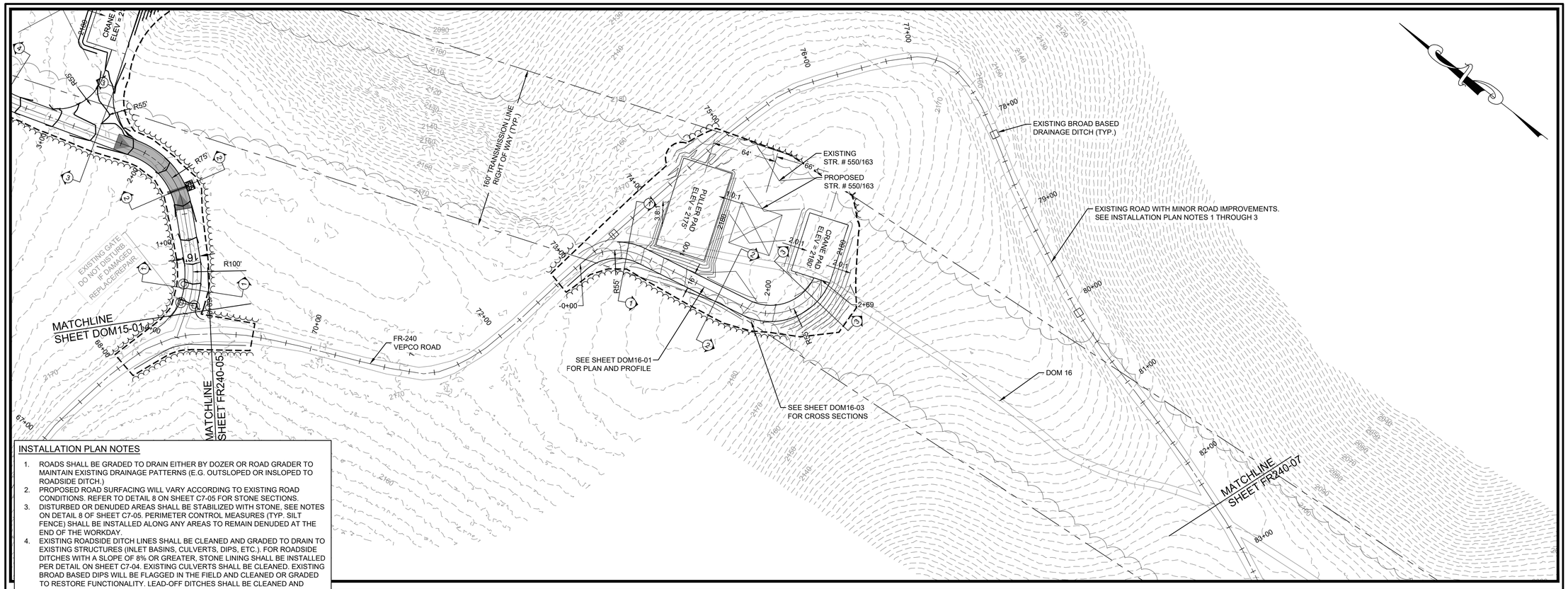
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-05

SHEET NO.



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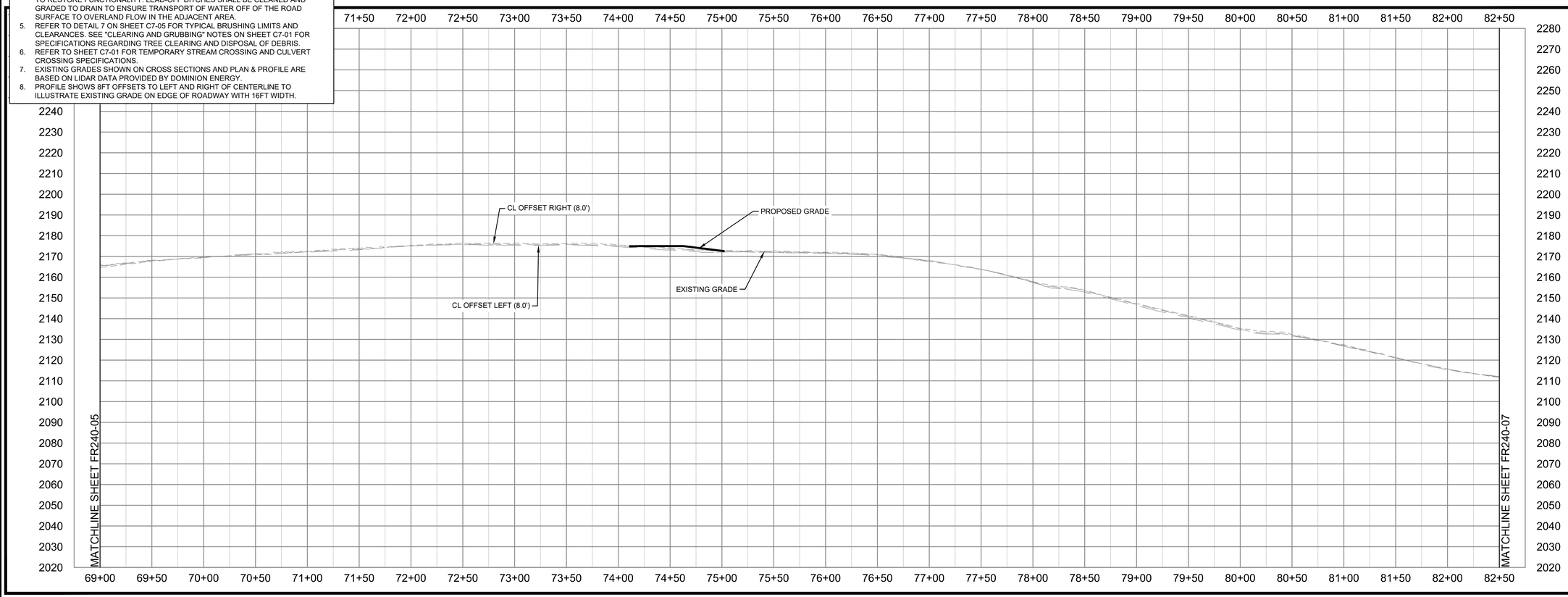

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

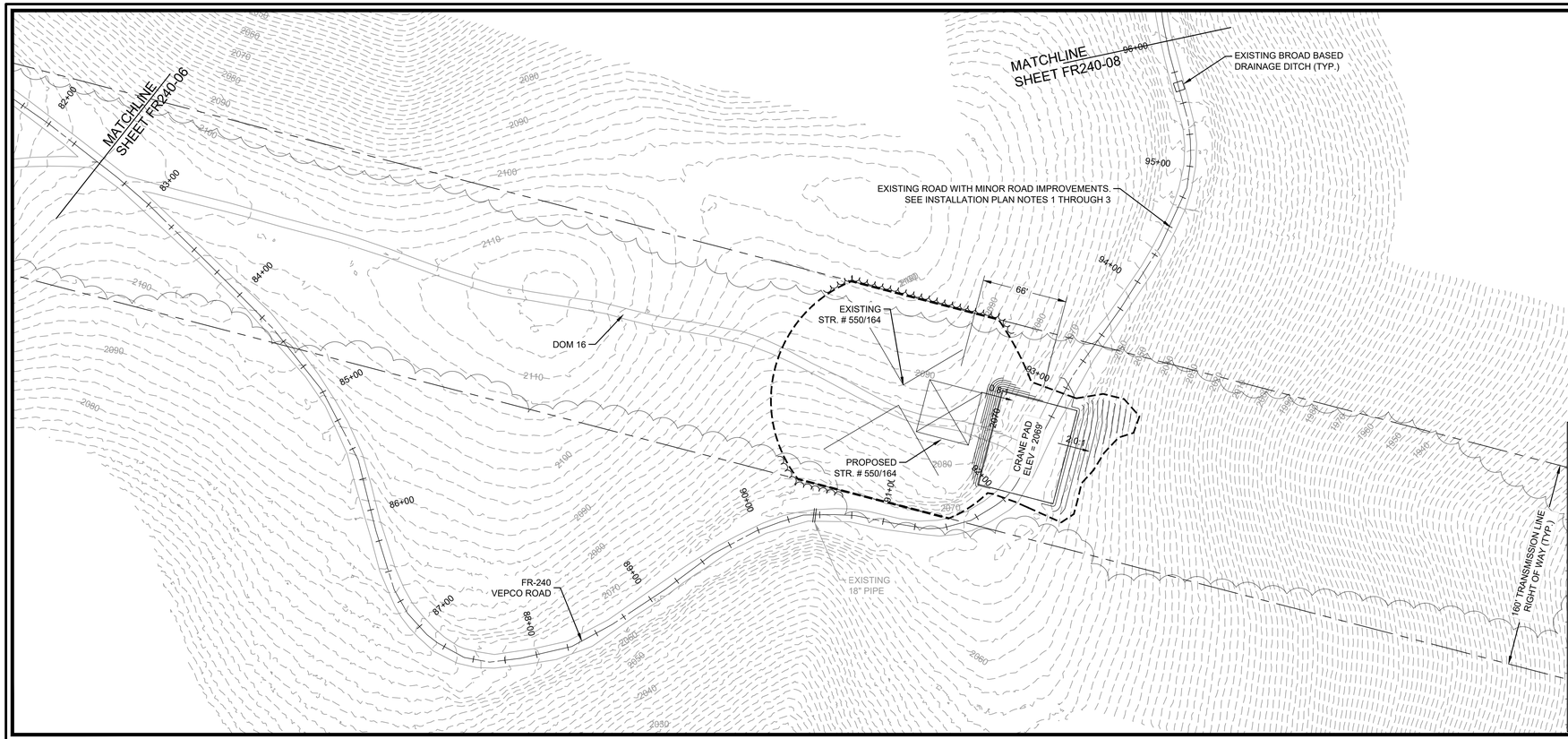
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-06

SHEET NO.



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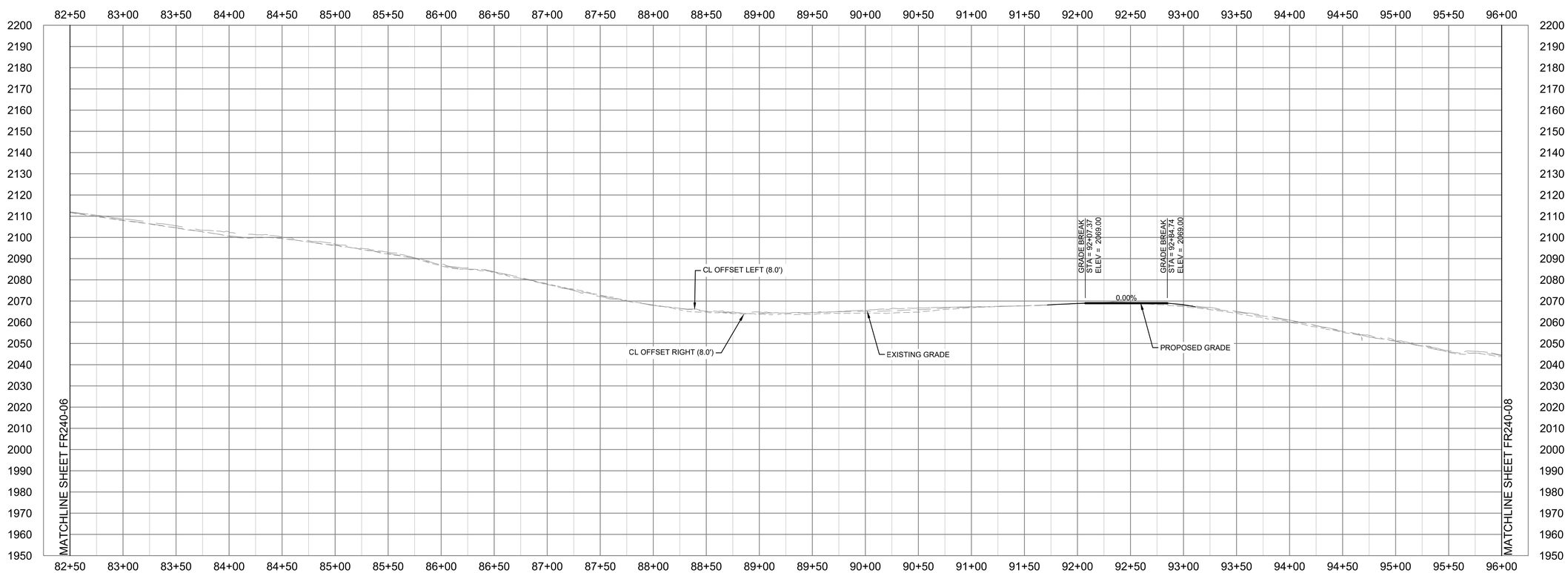

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

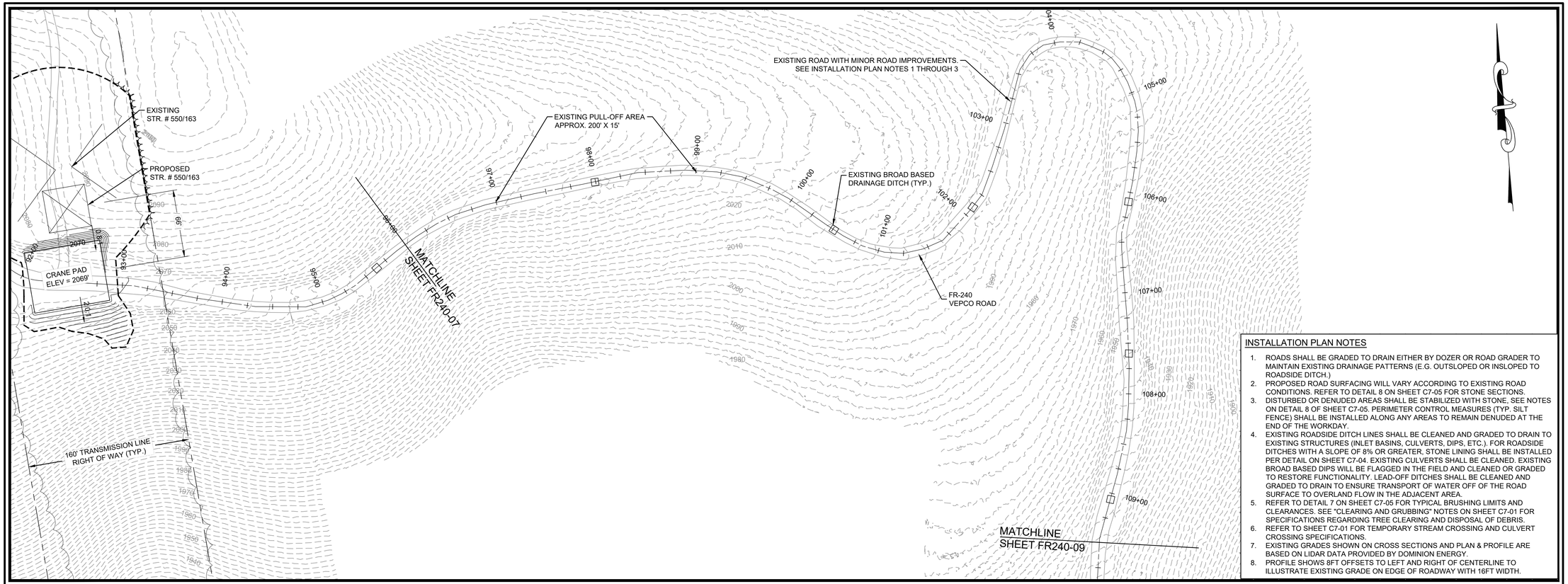
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-07

SHEET NO.



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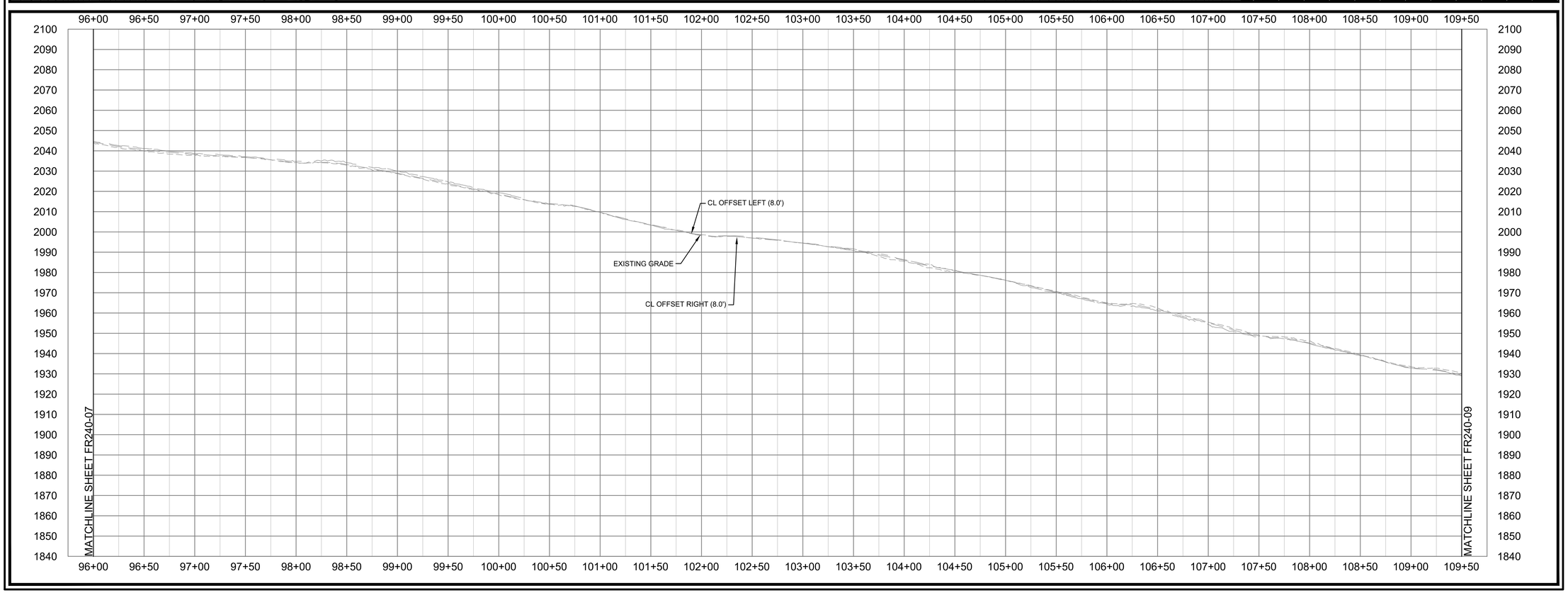

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

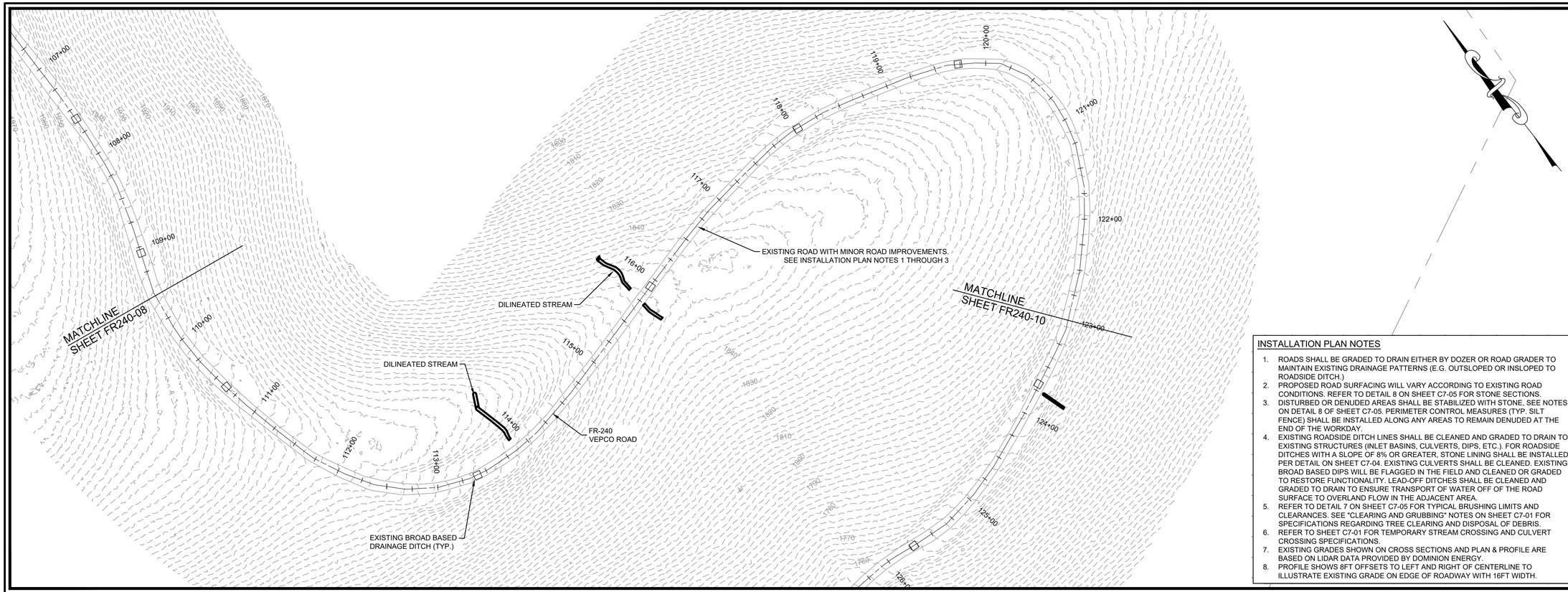
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-08

SHEET NO.



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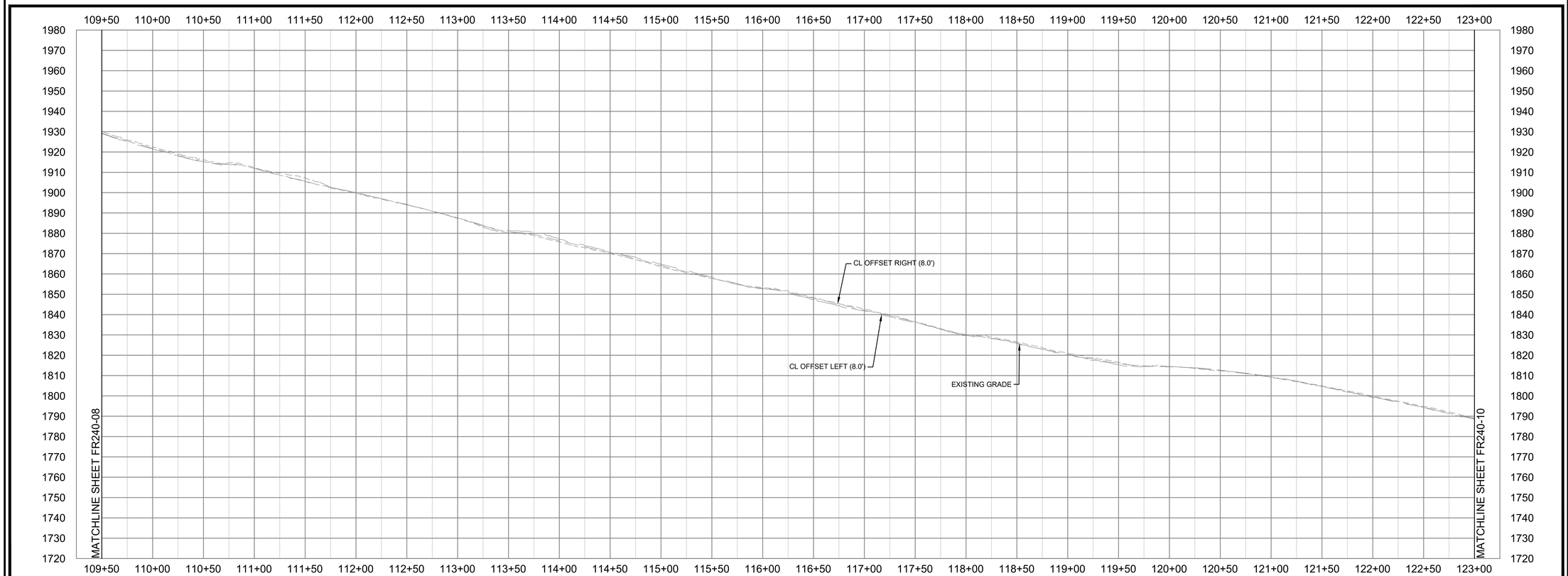
4. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STRUCTURES (INLET BASINS, CULVERTS, DIPS, ETC.). FOR ROADSIDE DITCHES WITH A SLOPE OF 8% OR GREATER, STONE LINING SHALL BE INSTALLED PER DETAIL ON SHEET C7-04. EXISTING CULVERTS SHALL BE CLEANED. EXISTING BROAD BASED DIPS WILL BE FLAGGED IN THE FIELD AND CLEANED OR GRADED TO RESTORE FUNCTIONALITY. LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
5. REFER TO DETAIL 7 ON SHEET C7-05 FOR TYPICAL BRUSHING LIMITS AND CLEARANCES. SEE "CLEARING AND GRUBBING" NOTES ON SHEET C7-01 FOR SPECIFICATIONS REGARDING TREE CLEARING AND DISPOSAL OF DEBRIS.
6. REFER TO SHEET C7-01 FOR TEMPORARY STREAM CROSSING AND CULVERT CROSSING SPECIFICATIONS.
7. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



Dewberry

Dewberry Engineers Inc.
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804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

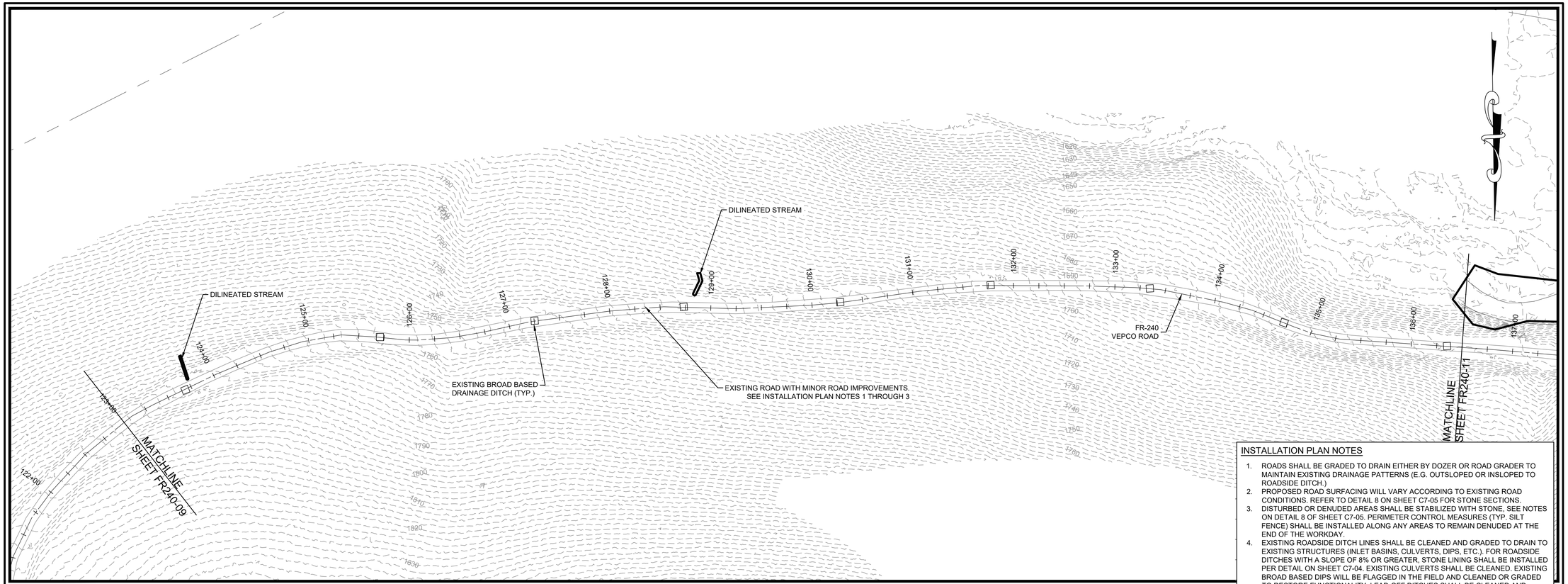
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-09

SHEET NO.



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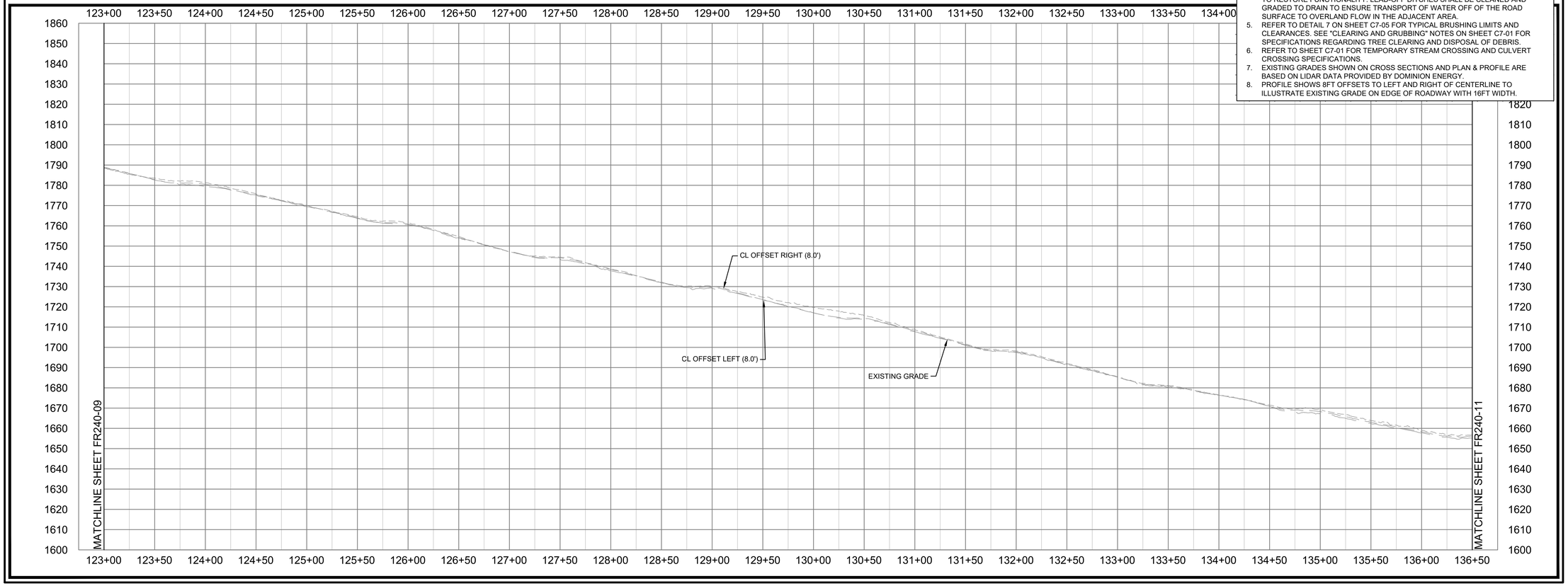
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

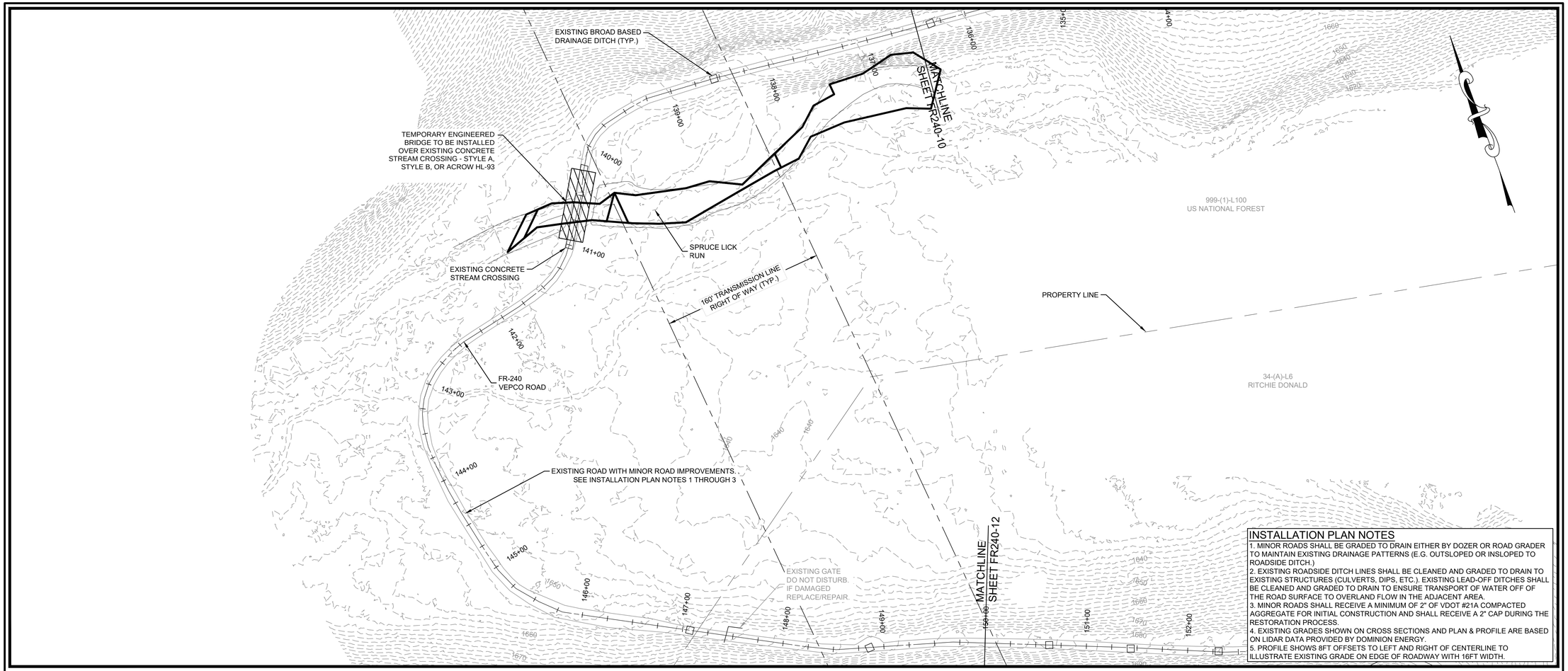
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-10

SHEET NO.



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3. MINOR ROADS SHALL RECEIVE A MINIMUM OF 2" OF VDOT #21A COMPACTED AGGREGATE FOR INITIAL CONSTRUCTION AND SHALL RECEIVE A 2" CAP DURING THE RESTORATION PROCESS.
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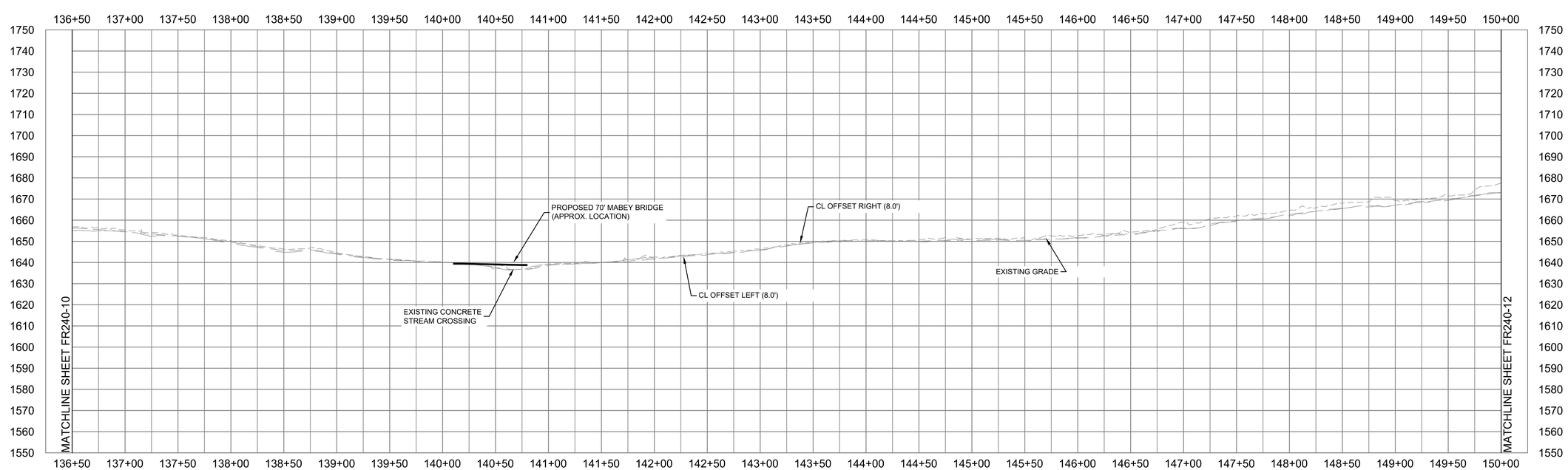

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

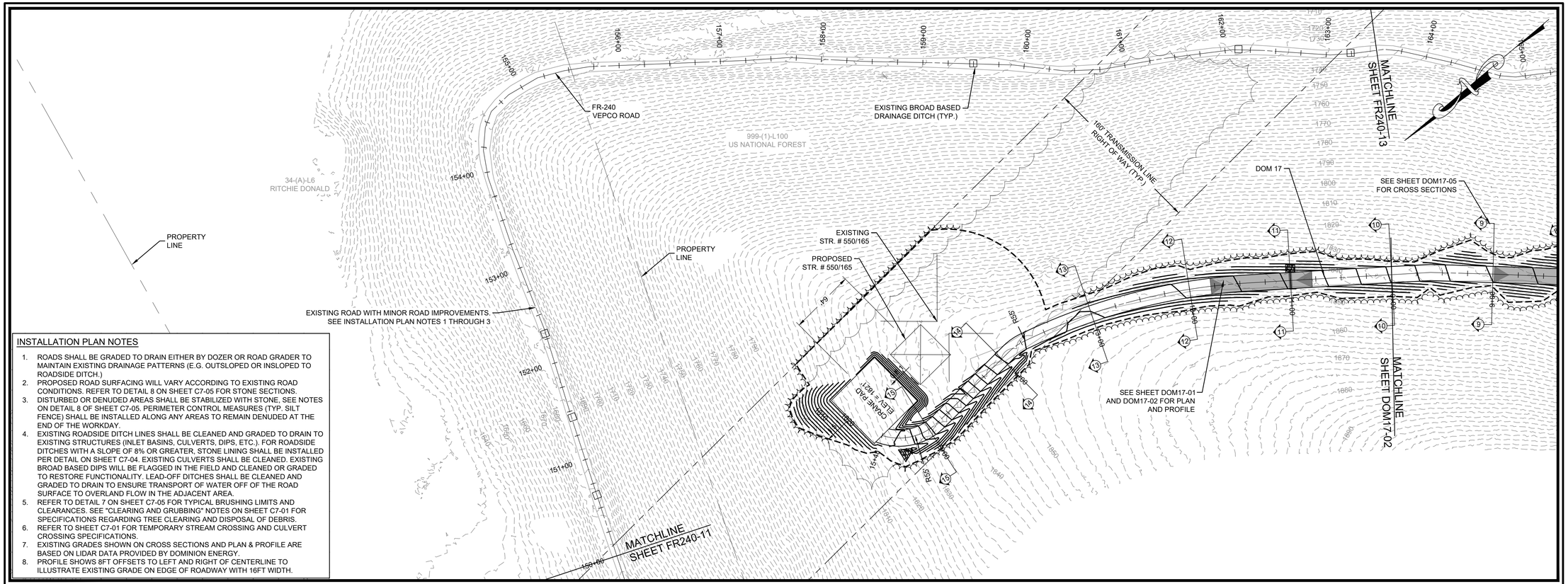
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-11

SHEET NO.



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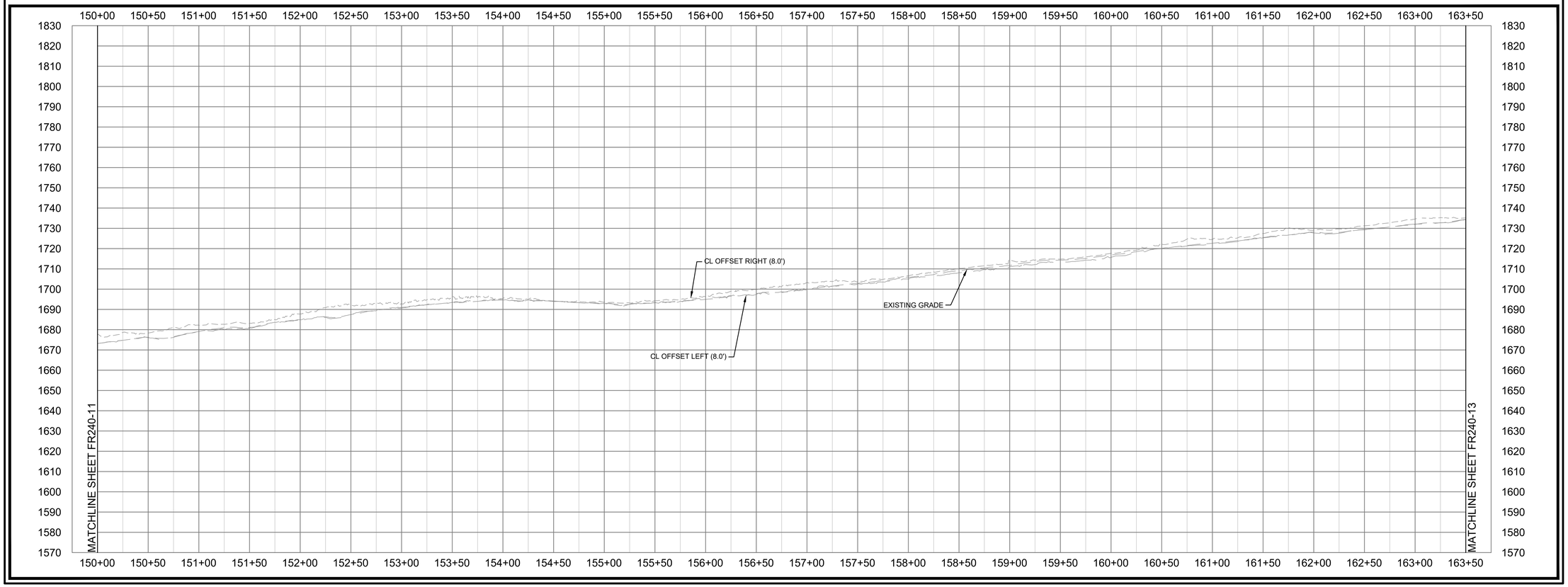

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-12

SHEET NO.

INSTALLATION PLAN NOTES

1. MINOR ROADS SHALL BE GRADED TO DRAIN EITHER BY DOZER OR ROAD GRADER TO MAINTAIN EXISTING DRAINAGE PATTERNS (E.G. OUTSLOPED OR INSLOPED TO ROADSIDE DITCH.)
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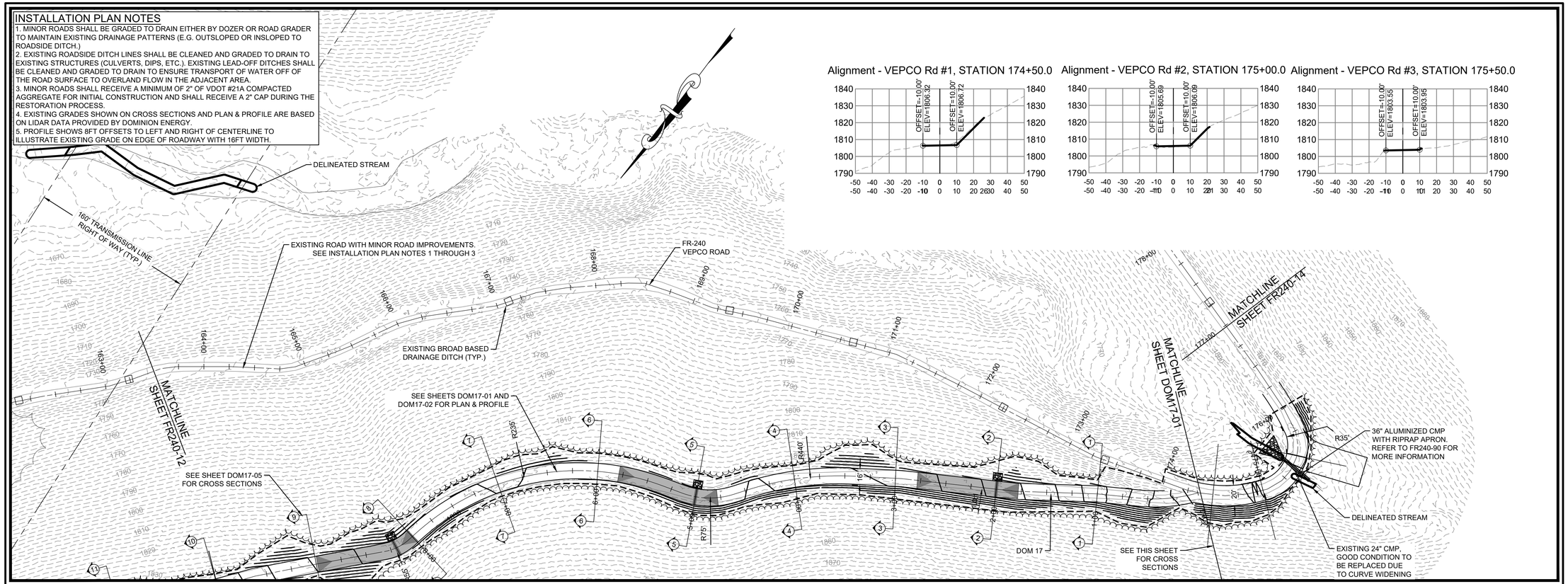

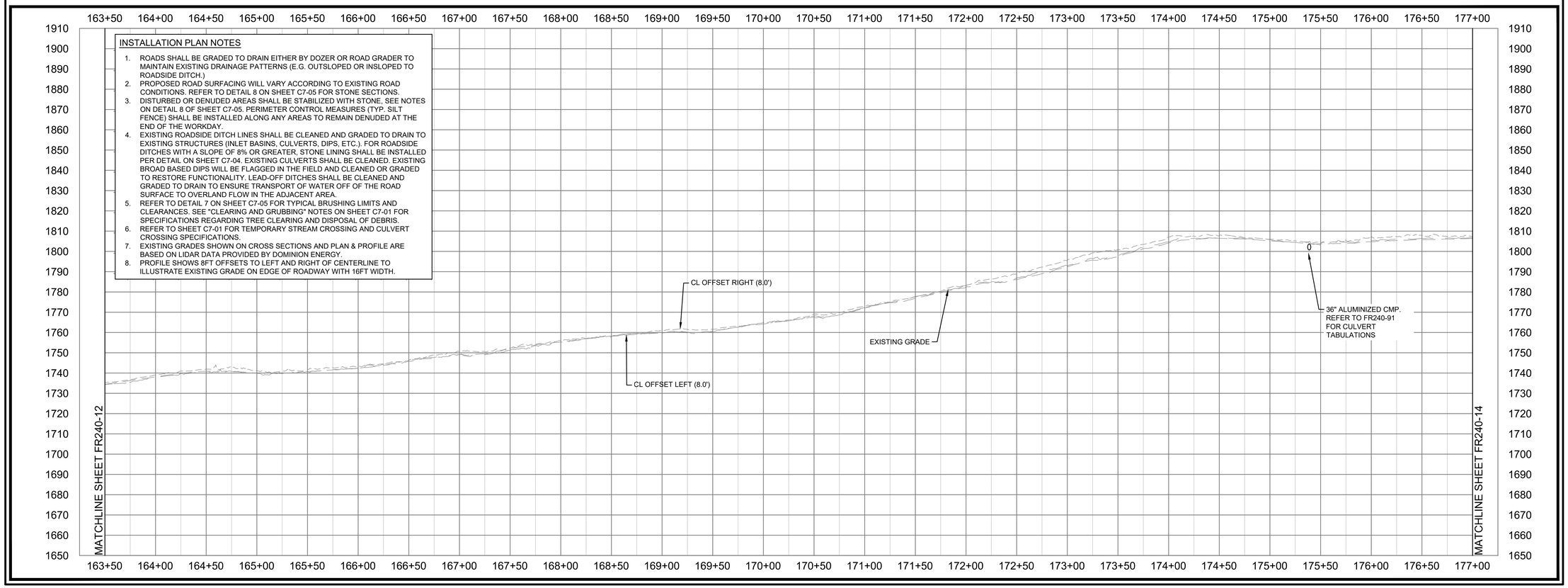

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

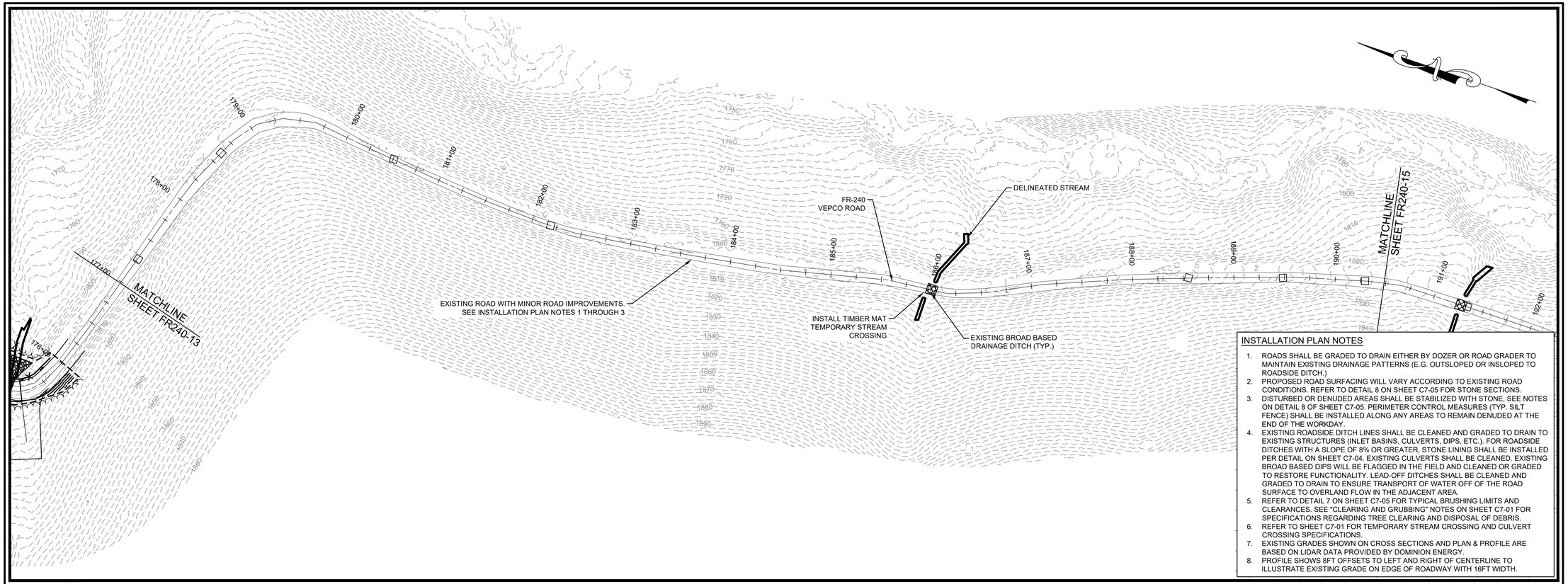
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-13

SHEET NO.



INSTALLATION PLAN NOTES

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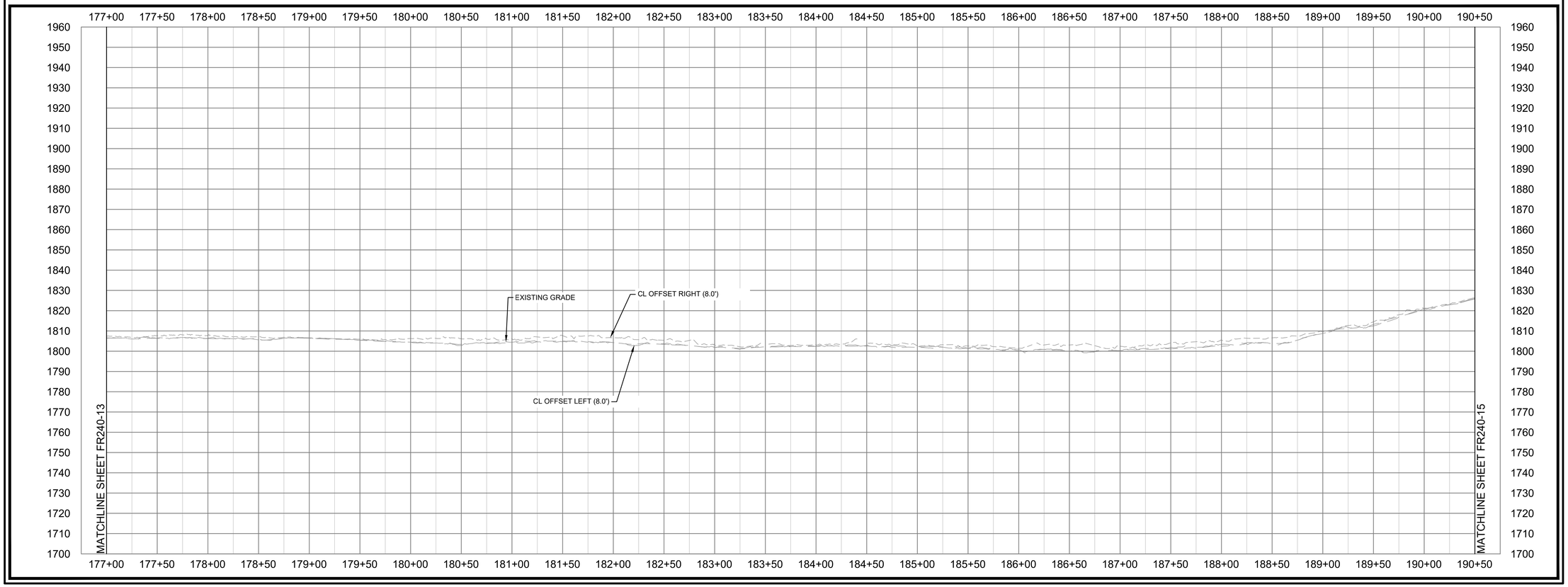

Dewberry

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

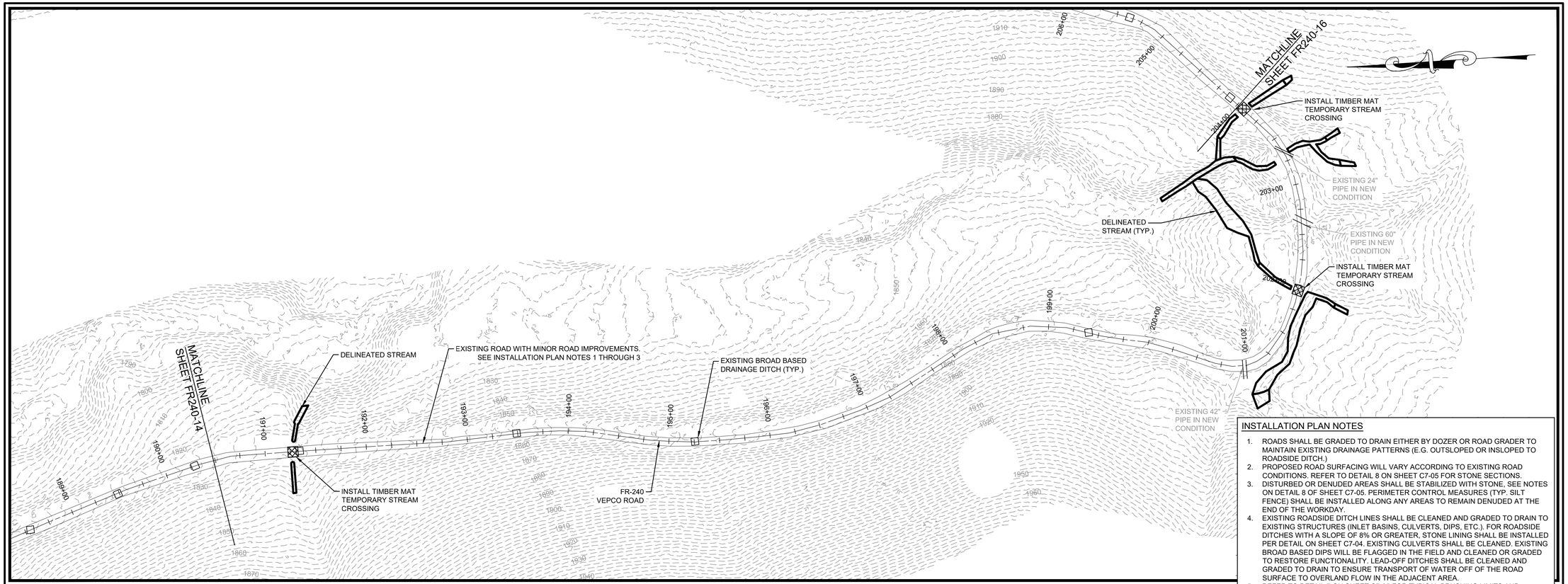
TITLE

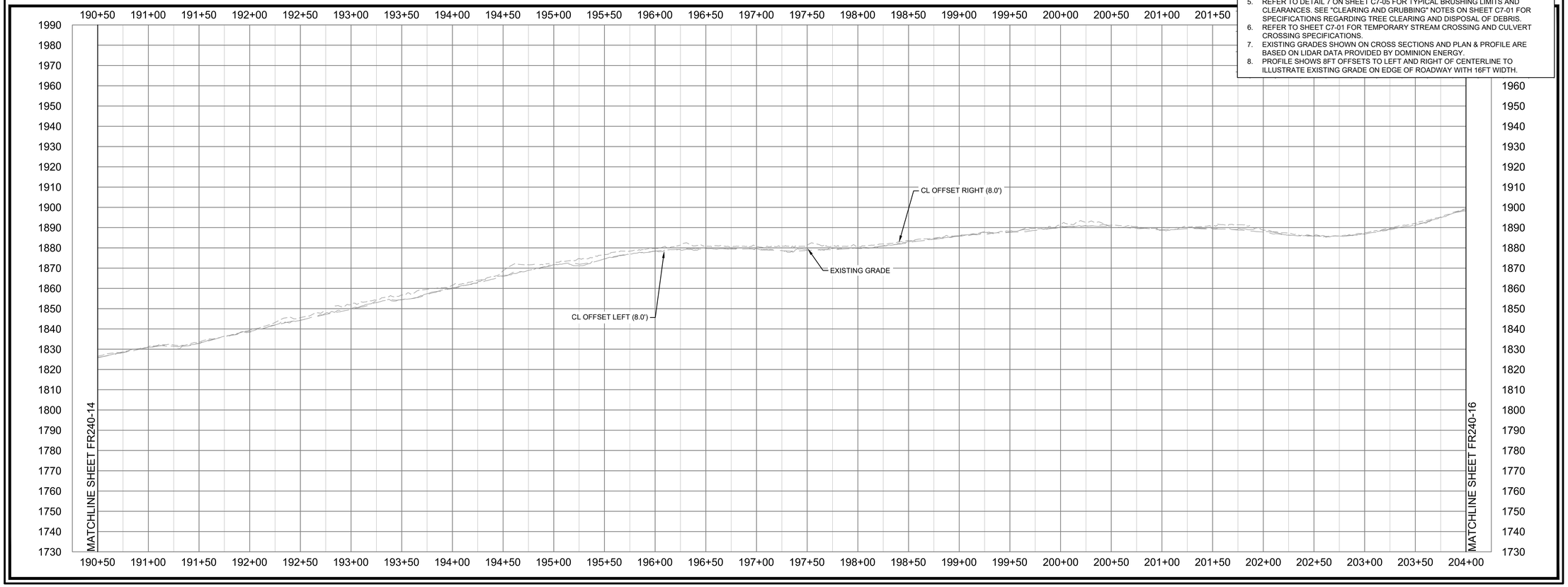
FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-14

SHEET NO.





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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

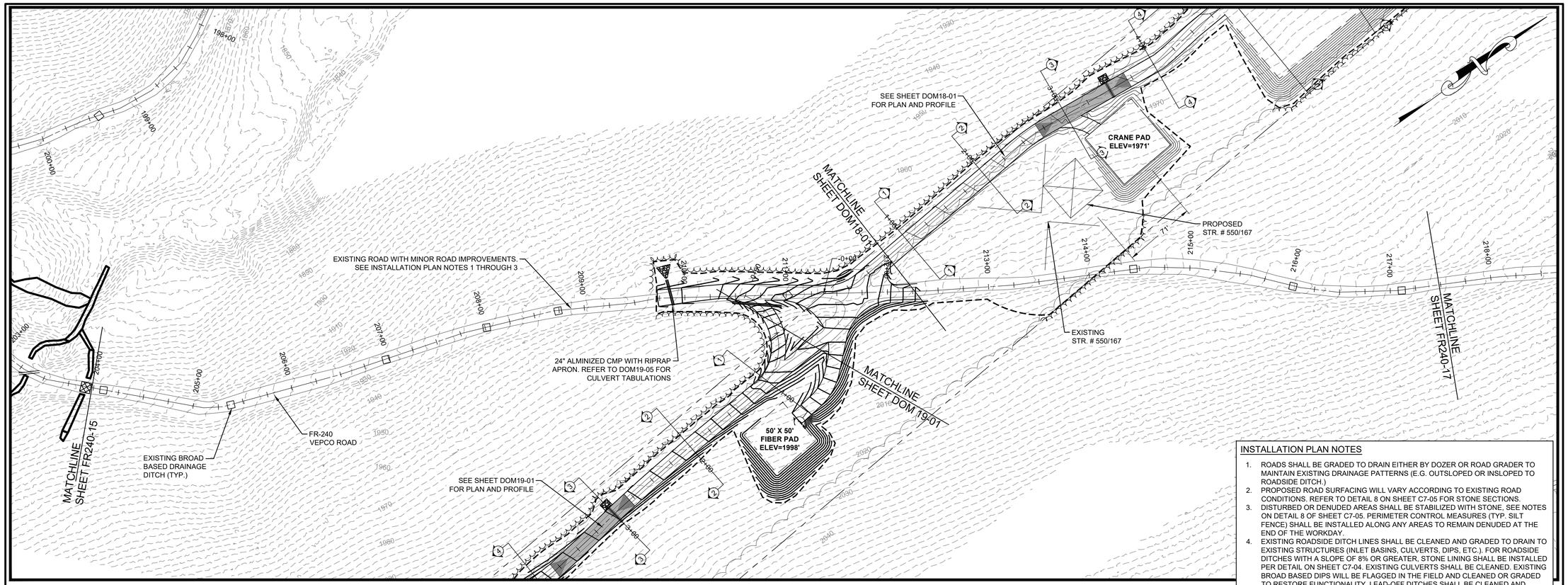
TITLE

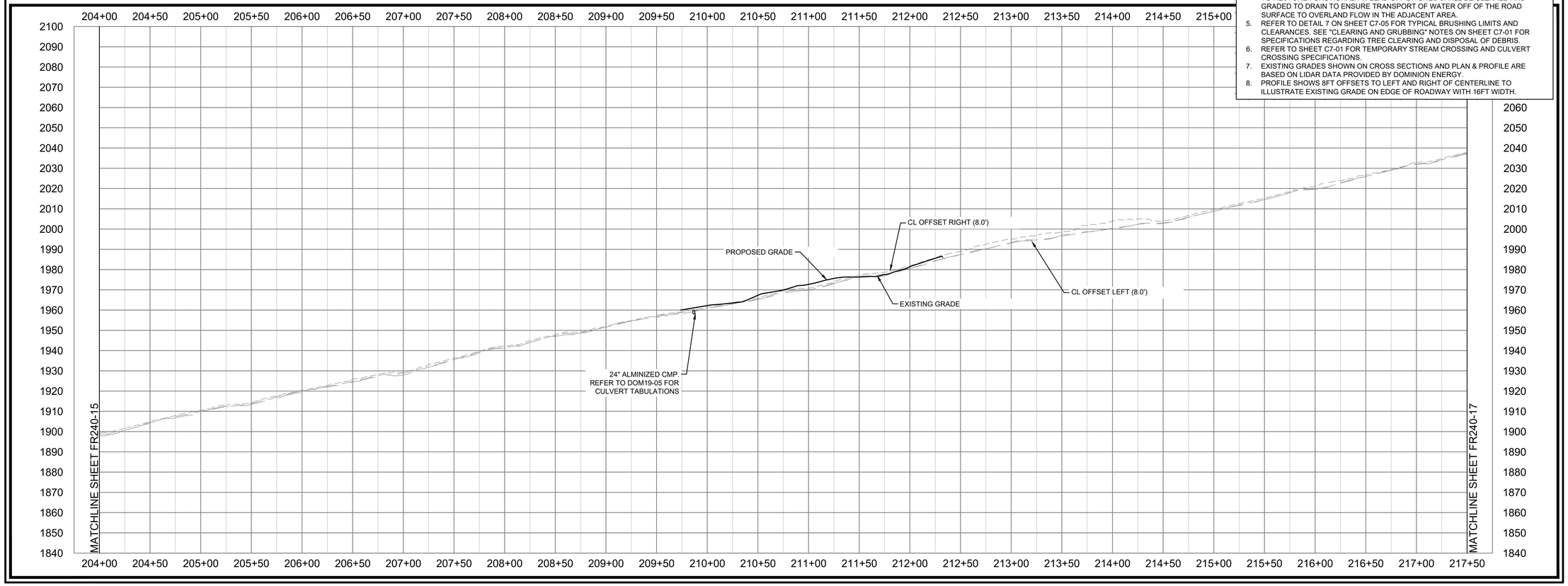
FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-15

SHEET NO.





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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

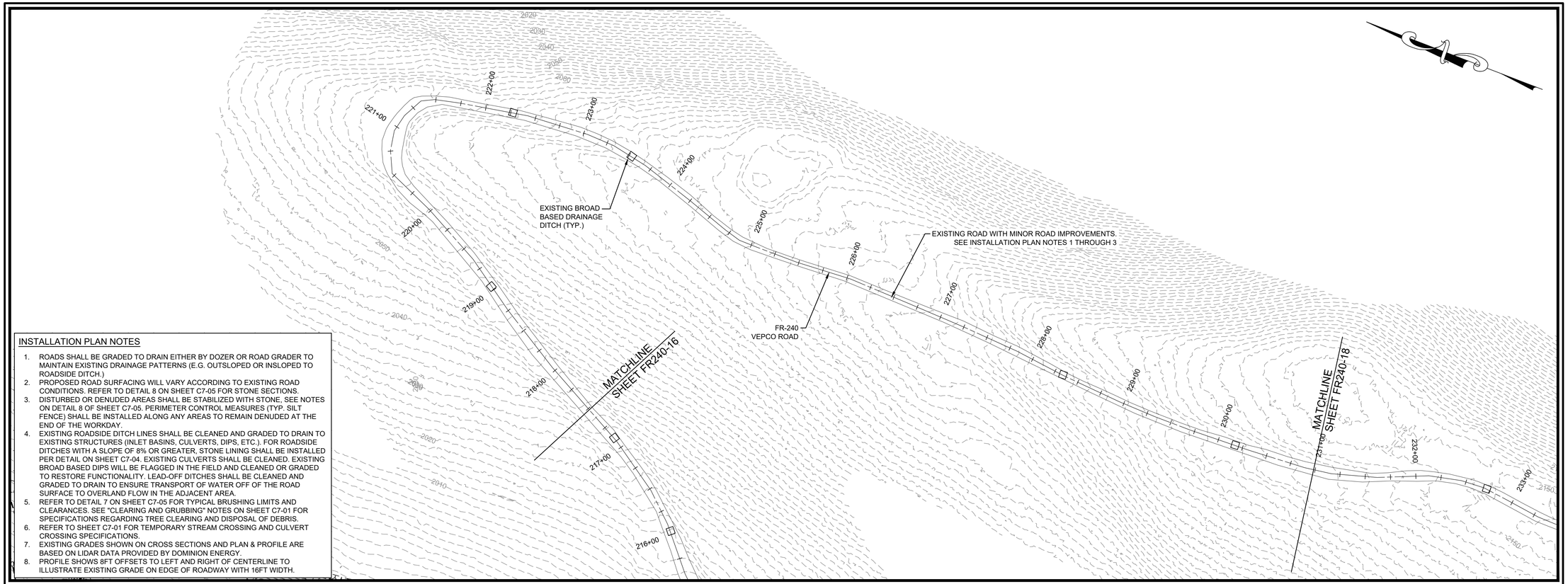
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-16

SHEET NO.



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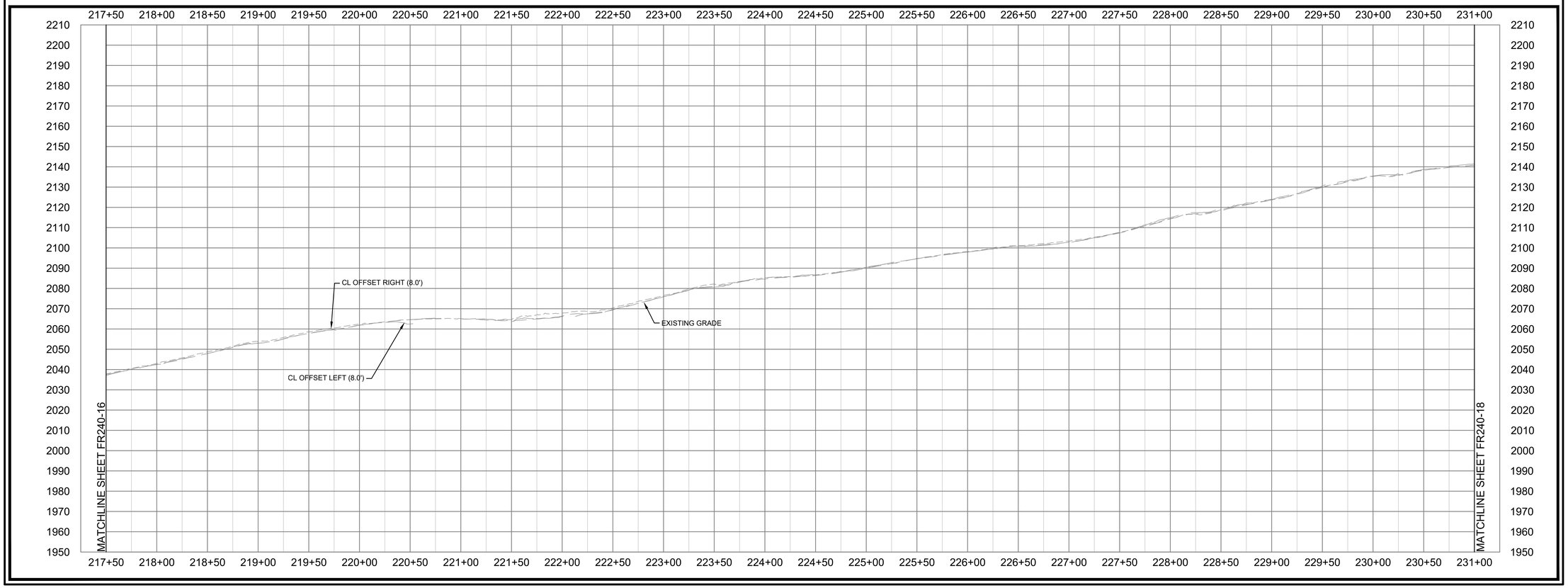
2. PROPOSED ROAD SURFACING WILL VARY ACCORDING TO EXISTING ROAD CONDITIONS. REFER TO DETAIL 8 ON SHEET C7-05 FOR STONE SECTIONS.
3. DISTURBED OR DENUDED AREAS SHALL BE STABILIZED WITH STONE, SEE NOTES ON DETAIL 8 OF SHEET C7-05. PERIMETER CONTROL MEASURES (TYP. SILT FENCE) SHALL BE INSTALLED ALONG ANY AREAS TO REMAIN DENUDED AT THE END OF THE WORKDAY.
4. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STRUCTURES (INLET BASINS, CULVERTS, DIPS, ETC.). FOR ROADSIDE DITCHES WITH A SLOPE OF 8% OR GREATER, STONE LINING SHALL BE INSTALLED PER DETAIL ON SHEET C7-04. EXISTING CULVERTS SHALL BE CLEANED. EXISTING BROAD BASED DIPS WILL BE FLAGGED IN THE FIELD AND CLEANED OR GRADED TO RESTORE FUNCTIONALITY. LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
5. REFER TO DETAIL 7 ON SHEET C7-05 FOR TYPICAL BRUSHING LIMITS AND CLEARANCES. SEE "CLEARING AND GRUBBING" NOTES ON SHEET C7-01 FOR SPECIFICATIONS REGARDING TREE CLEARING AND DISPOSAL OF DEBRIS.
6. REFER TO SHEET C7-01 FOR TEMPORARY STREAM CROSSING AND CULVERT CROSSING SPECIFICATIONS.
7. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



Dewberry

Dewberry Engineers Inc.
4805 LAKE BROOK DRIVE
SUITE 200
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804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

0' 50' 100'
HORIZONTAL SCALE

0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

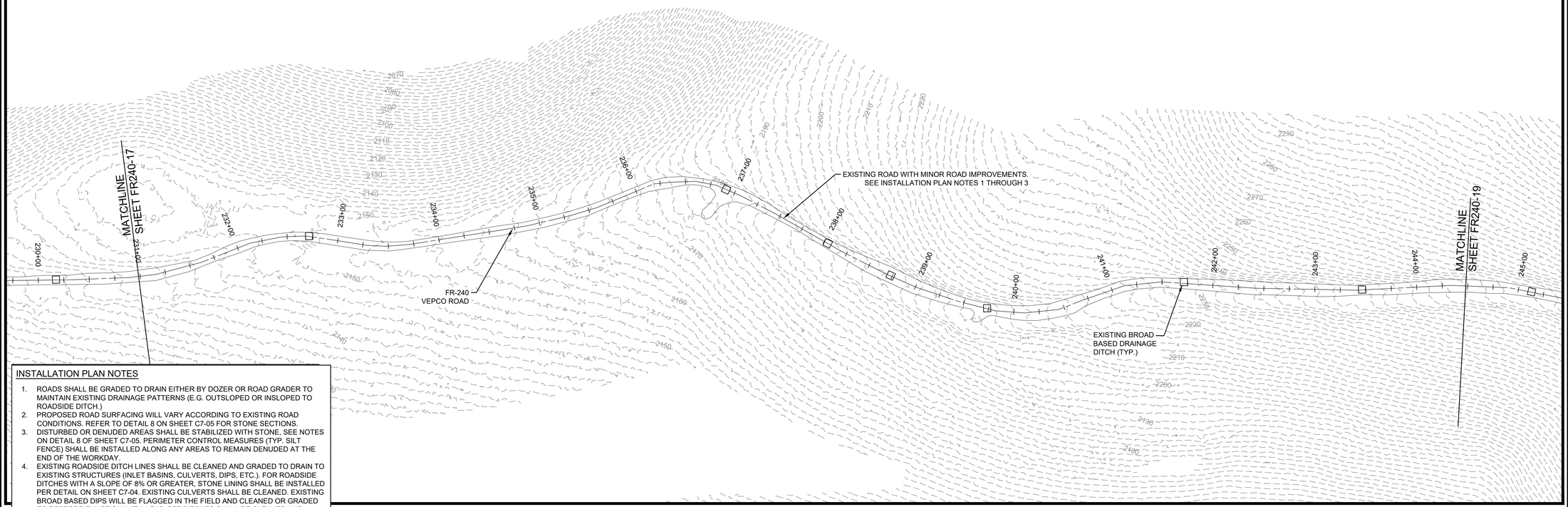
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-17

SHEET NO.



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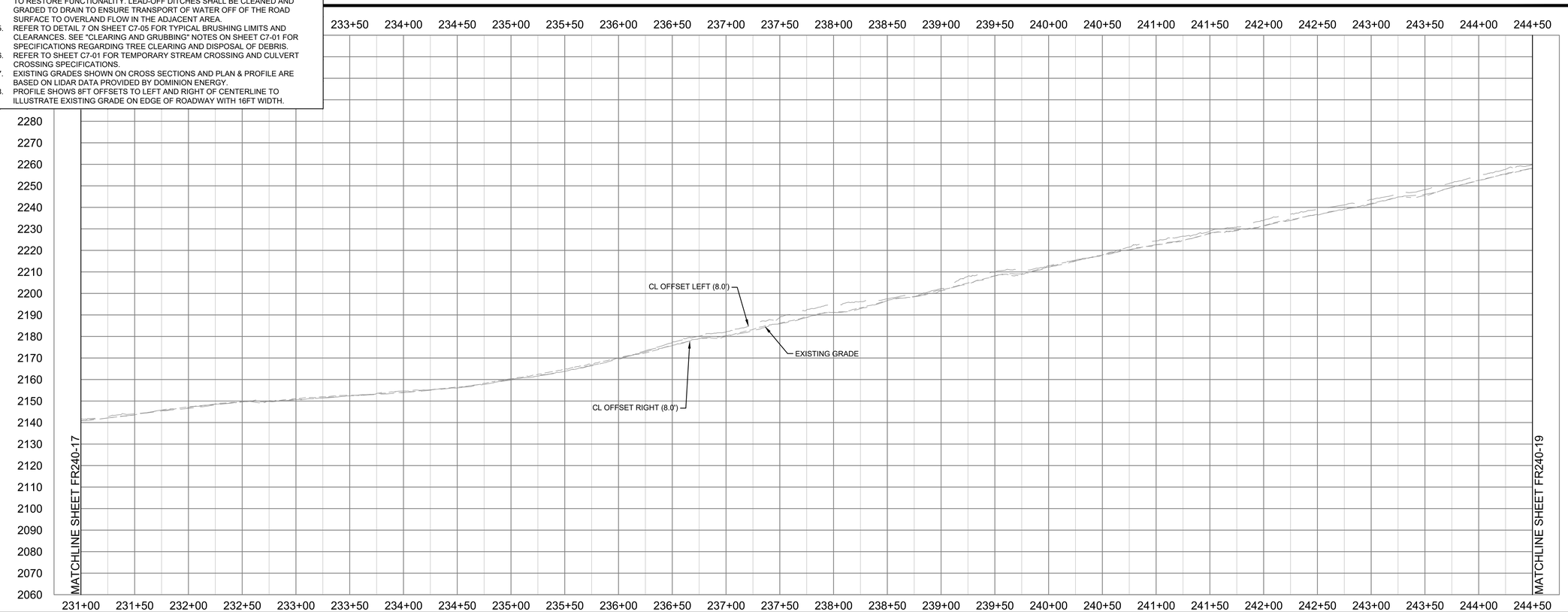

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

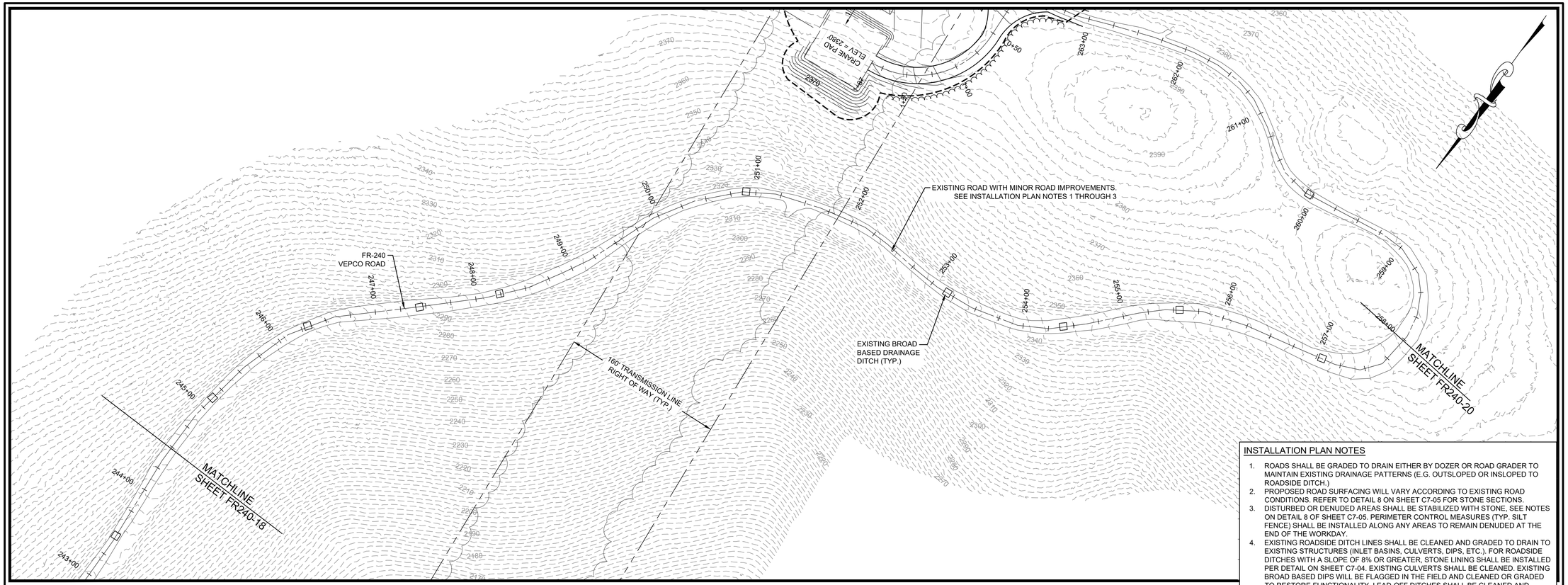
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-18

SHEET NO.



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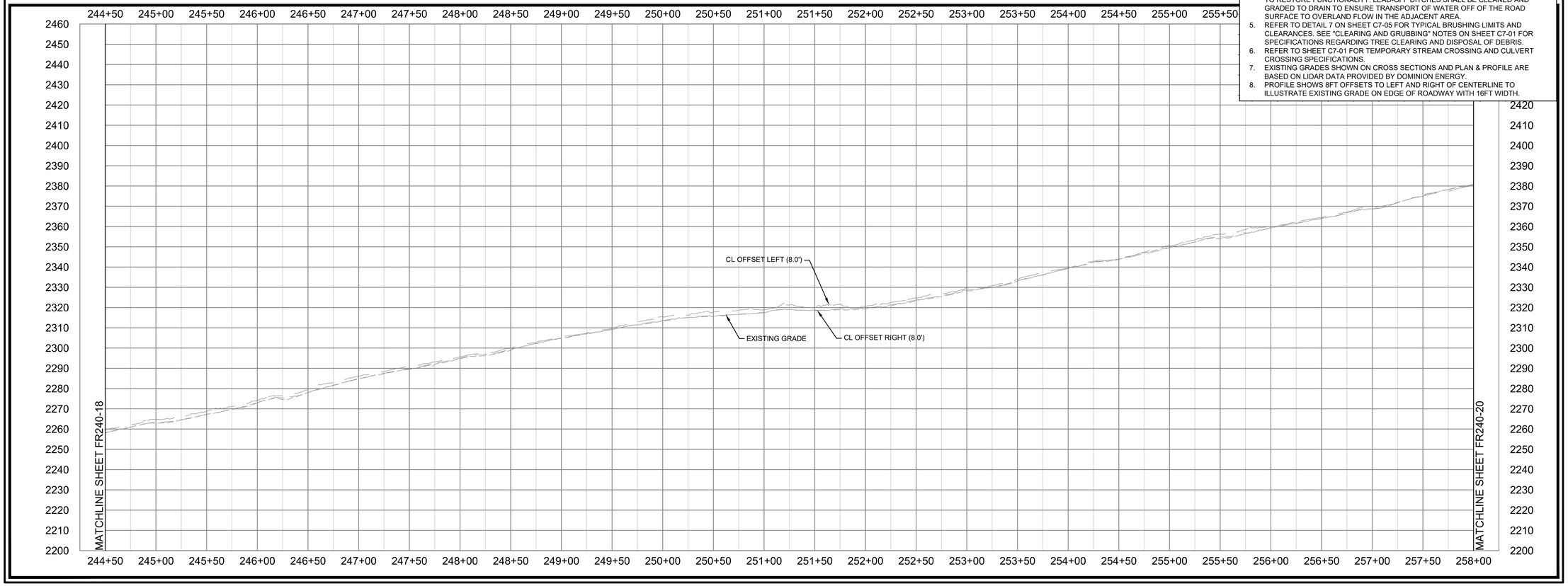

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

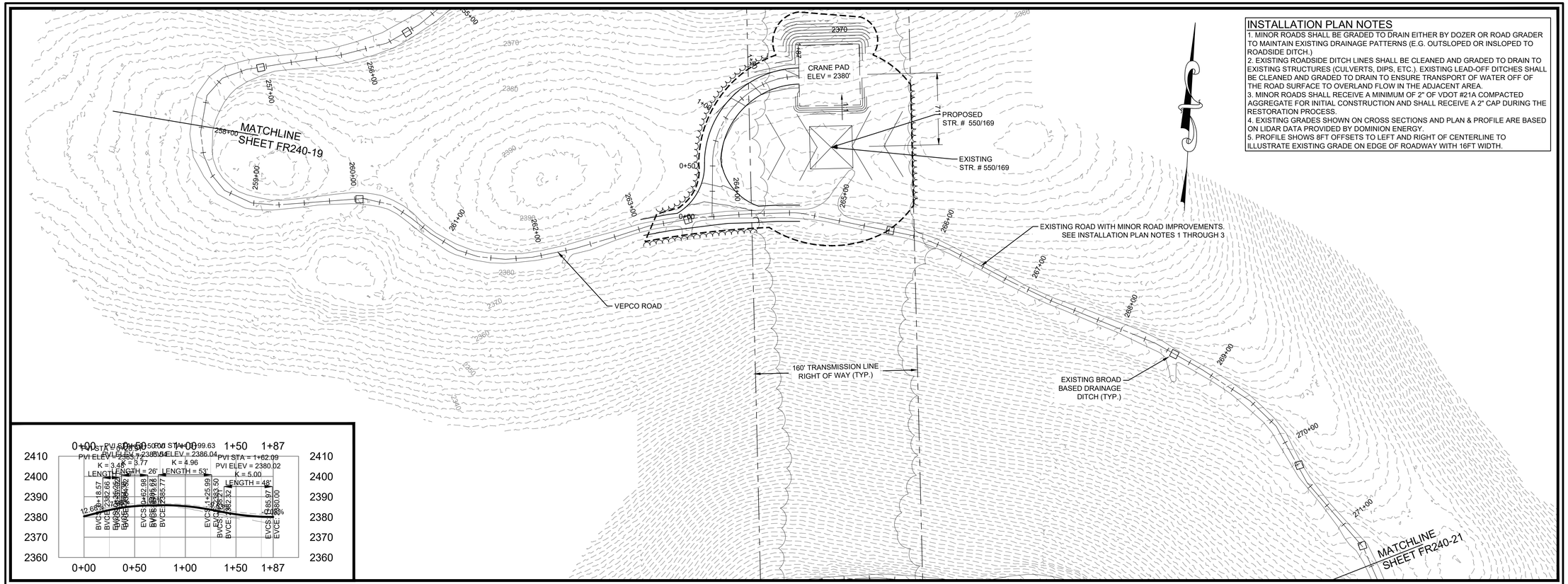
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-19

SHEET NO.



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3. MINOR ROADS SHALL RECEIVE A MINIMUM OF 2" OF VDOT #21A COMPACTED AGGREGATE FOR INITIAL CONSTRUCTION AND SHALL RECEIVE A 2" CAP DURING THE RESTORATION PROCESS.
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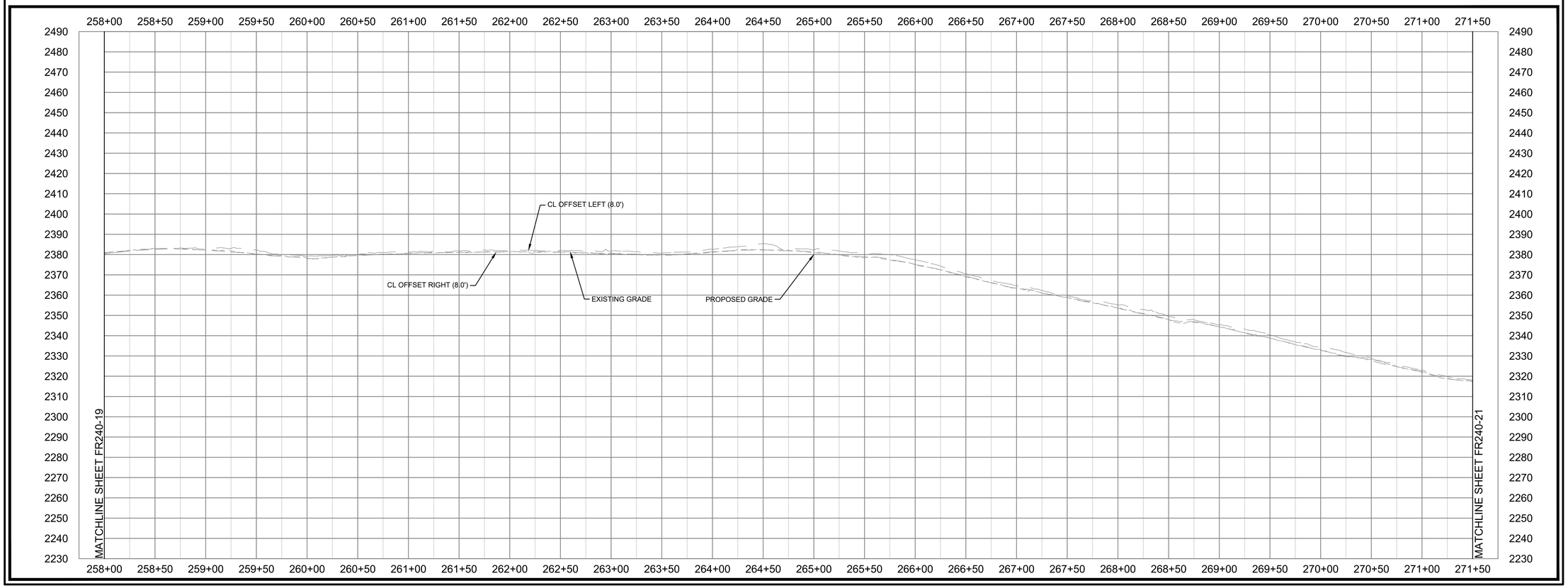

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

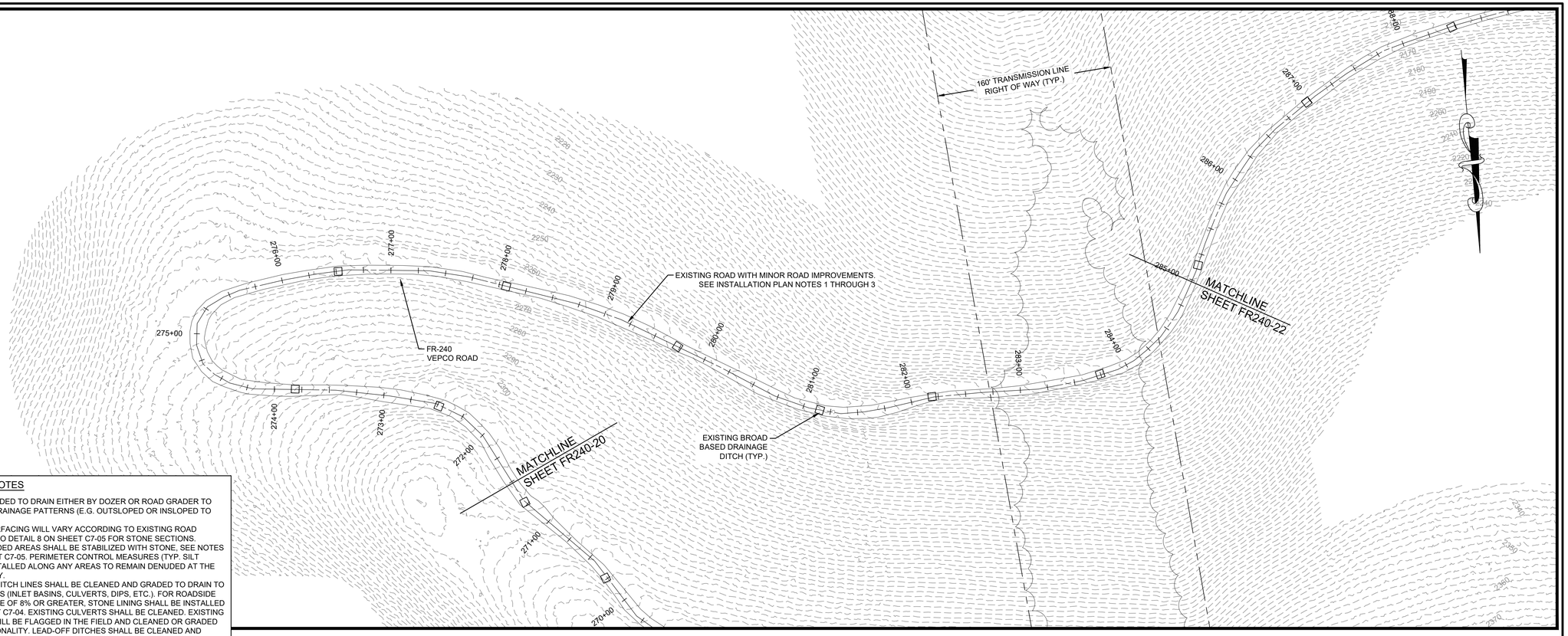
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-20

SHEET NO.



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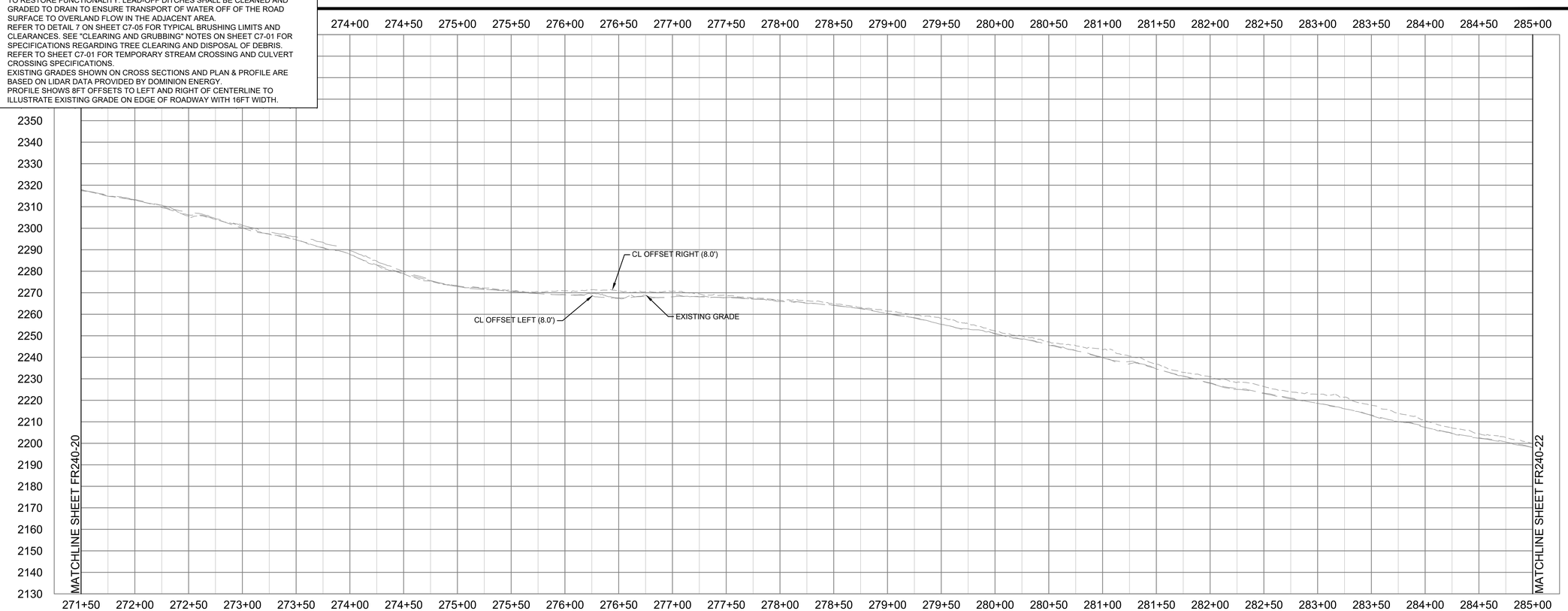

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

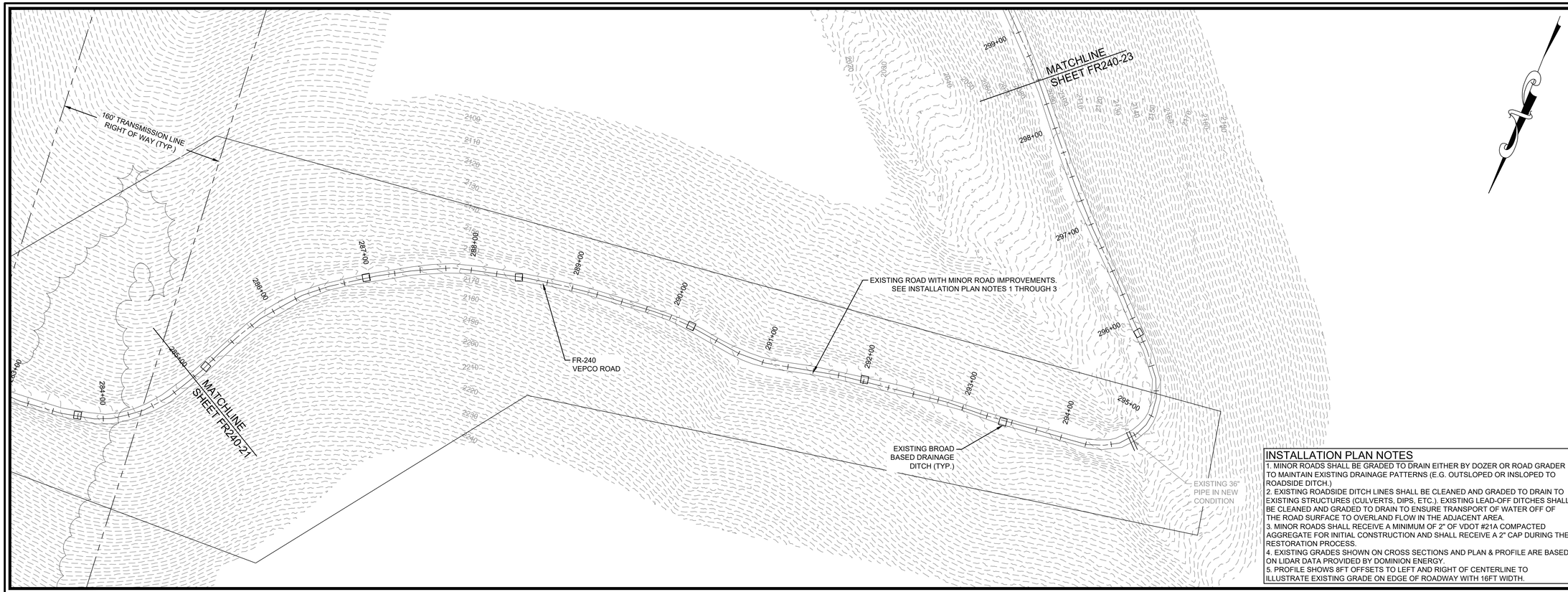
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-21

SHEET NO.



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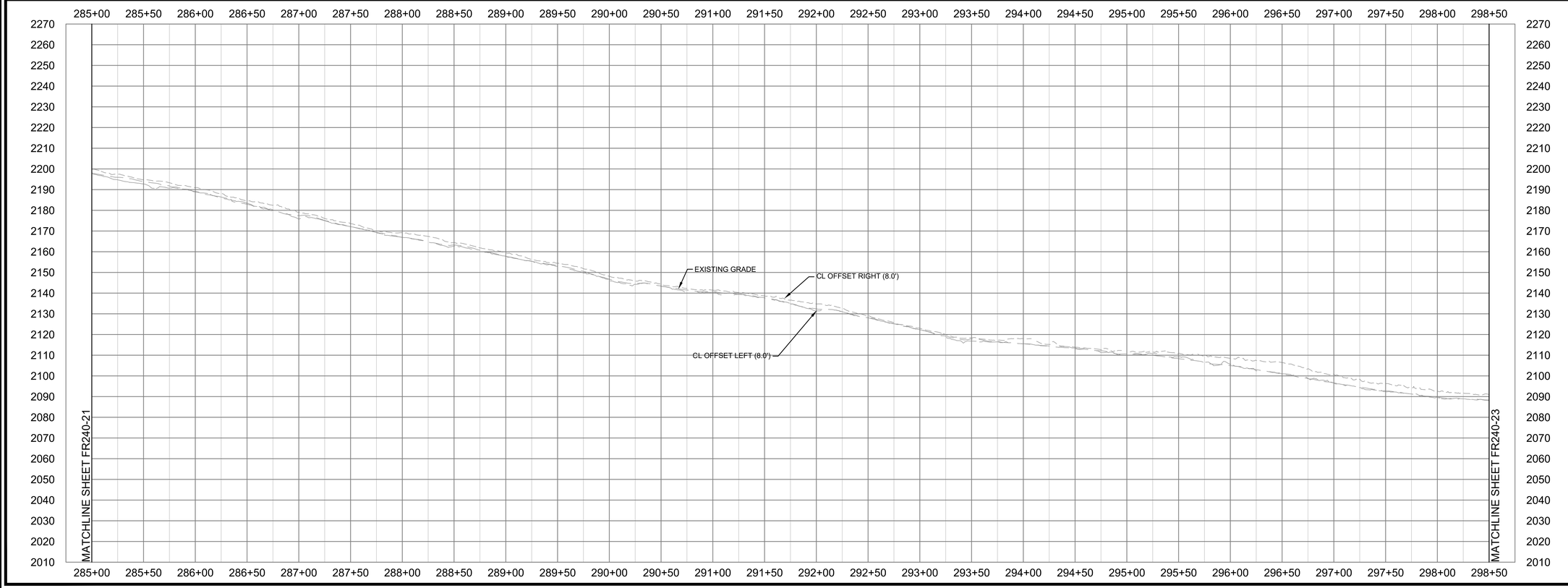

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

0' 50' 100'
HORIZONTAL SCALE

0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

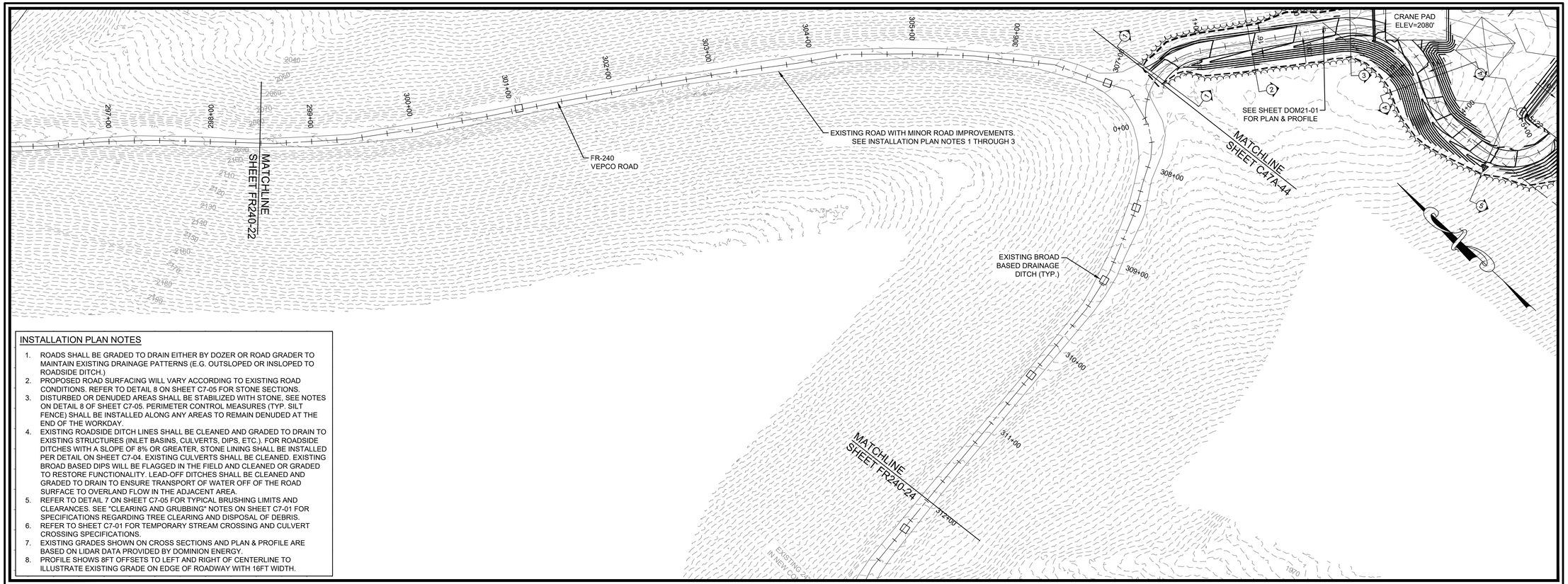
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-22

SHEET NO.



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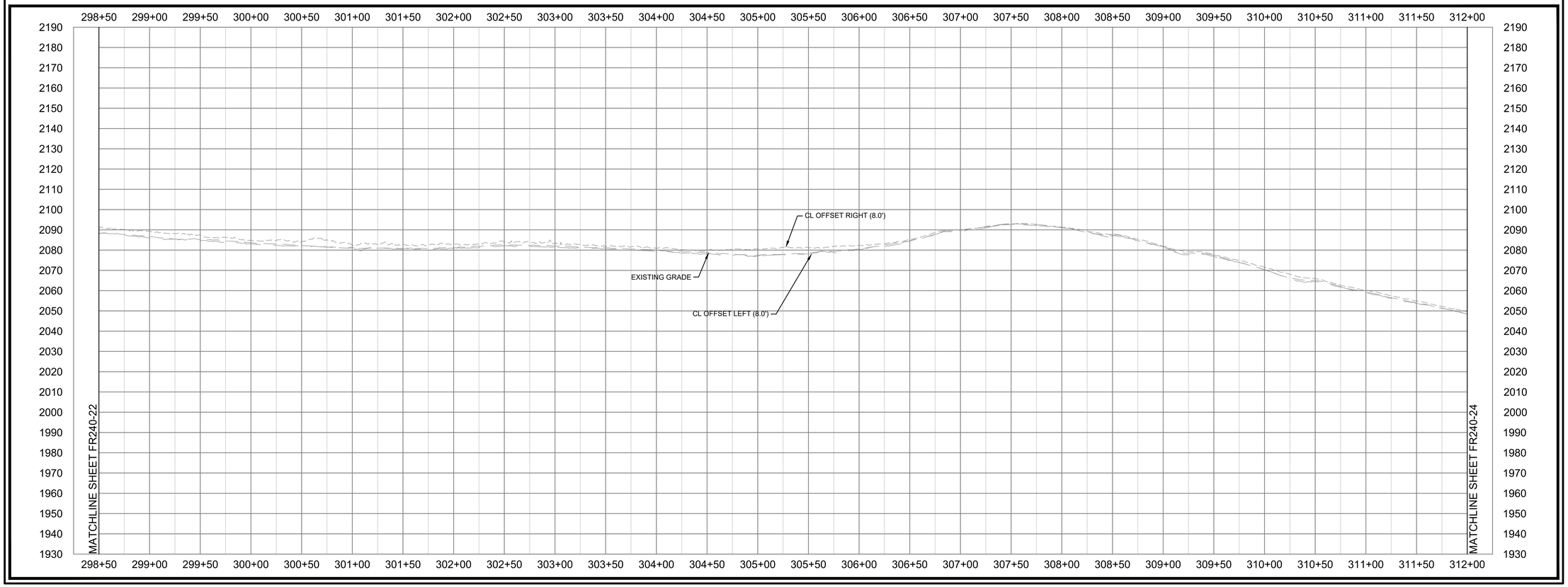

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

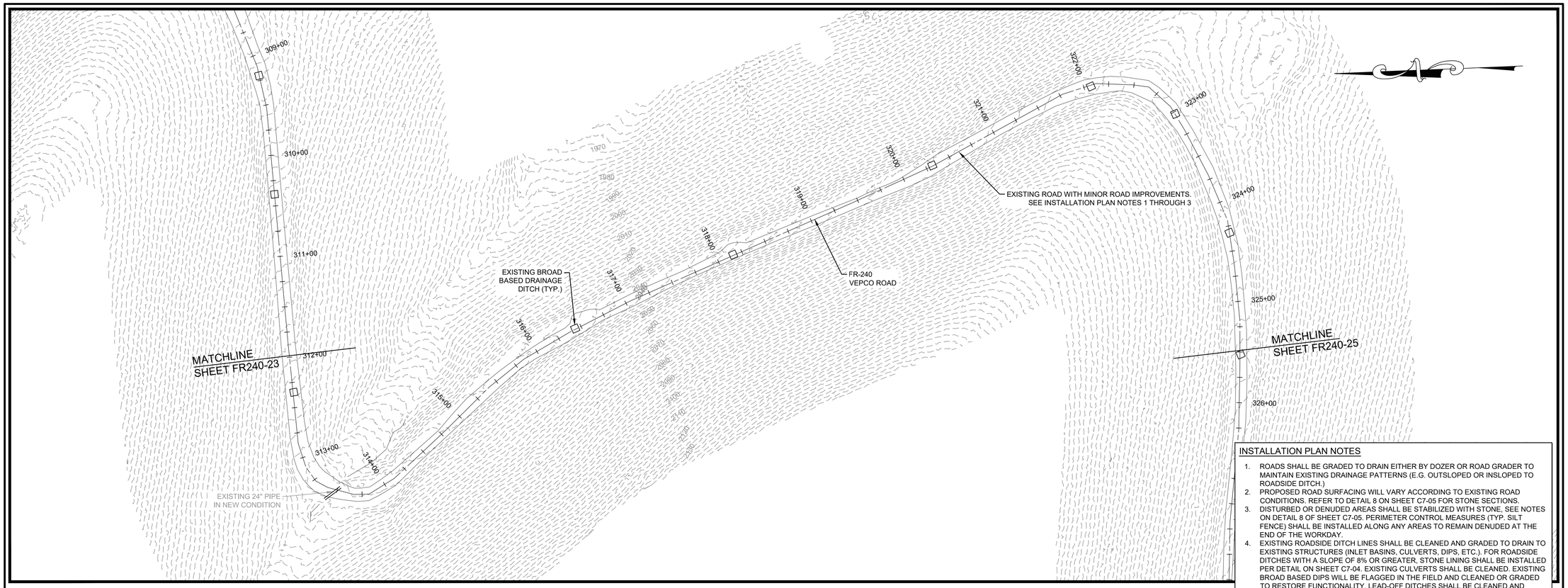
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-23

SHEET NO.



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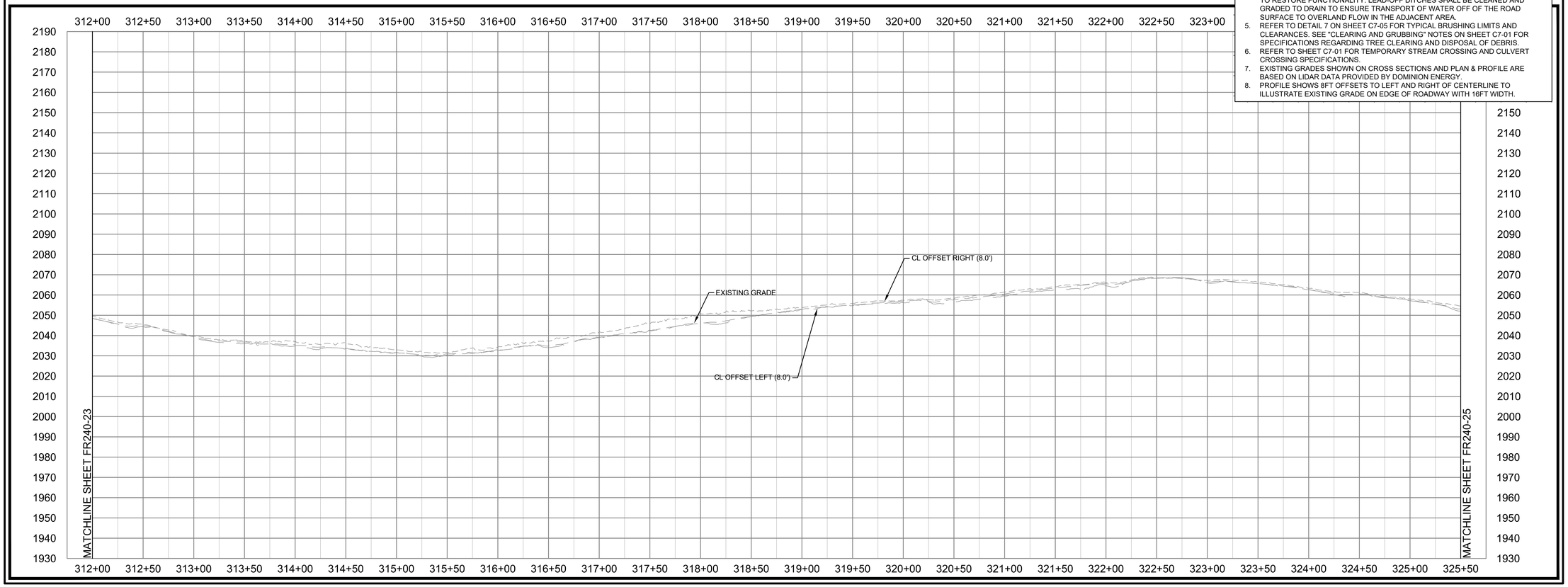

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WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

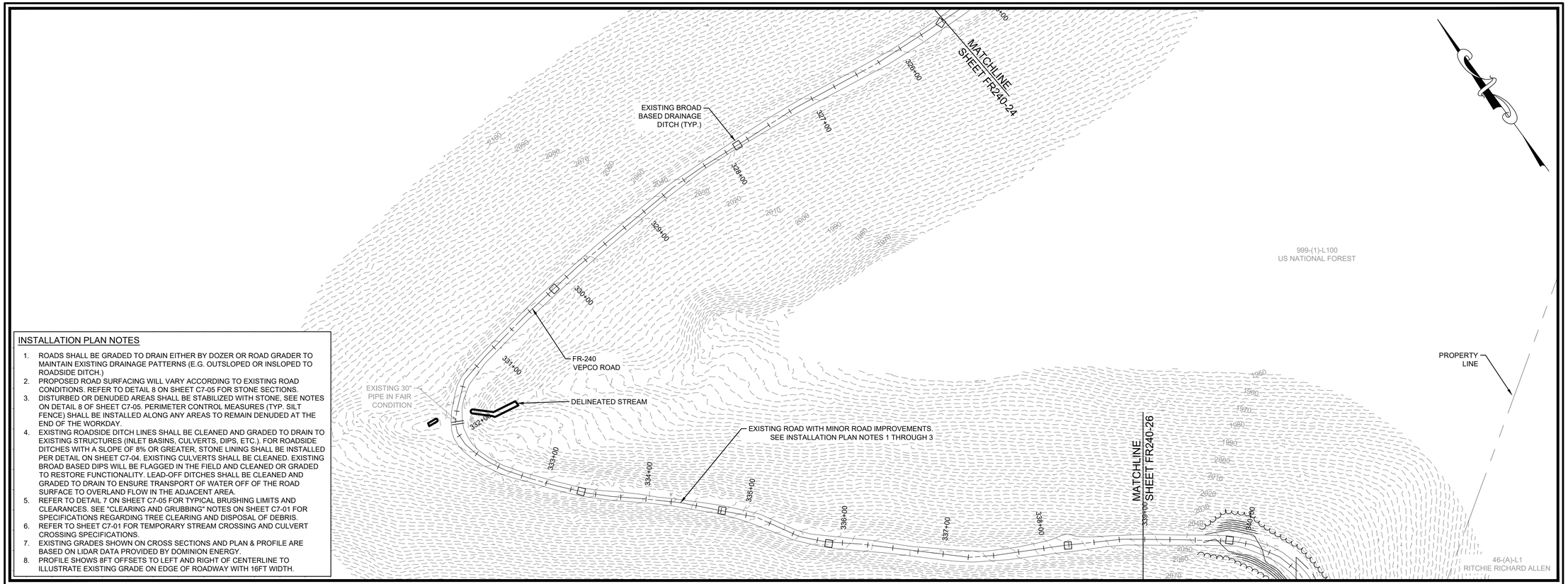
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-24

SHEET NO.



INSTALLATION PLAN NOTES

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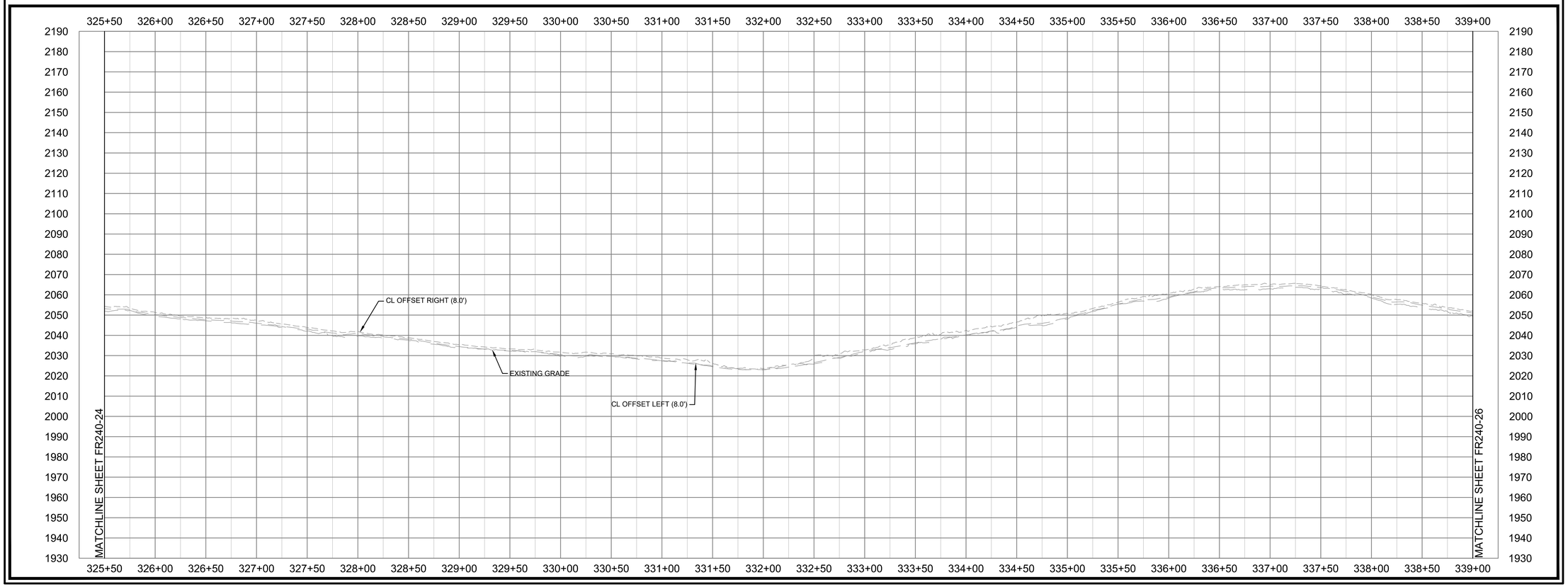
3. DISTURBED OR DENUDED AREAS SHALL BE STABILIZED WITH STONE. SEE NOTES ON DETAIL 8 OF SHEET C7-05. PERIMETER CONTROL MEASURES (TYP. SILT FENCE) SHALL BE INSTALLED ALONG ANY AREAS TO REMAIN DENUDED AT THE END OF THE WORKDAY.
4. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STRUCTURES (INLET BASINS, CULVERTS, DIPS, ETC.). FOR ROADSIDE DITCHES WITH A SLOPE OF 8% OR GREATER, STONE LINING SHALL BE INSTALLED PER DETAIL ON SHEET C7-04. EXISTING CULVERTS SHALL BE CLEANED. EXISTING BROAD BASED DIPS WILL BE FLAGGED IN THE FIELD AND CLEANED OR GRADED TO RESTORE FUNCTIONALITY. LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
5. REFER TO DETAIL 7 ON SHEET C7-05 FOR TYPICAL BRUSHING LIMITS AND CLEARANCES. SEE "CLEARING AND GRUBBING" NOTES ON SHEET C7-01 FOR SPECIFICATIONS REGARDING TREE CLEARING AND DISPOSAL OF DEBRIS.
6. REFER TO SHEET C7-01 FOR TEMPORARY STREAM CROSSING AND CULVERT CROSSING SPECIFICATIONS.
7. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



Dewberry

Dewberry Engineers Inc.
4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

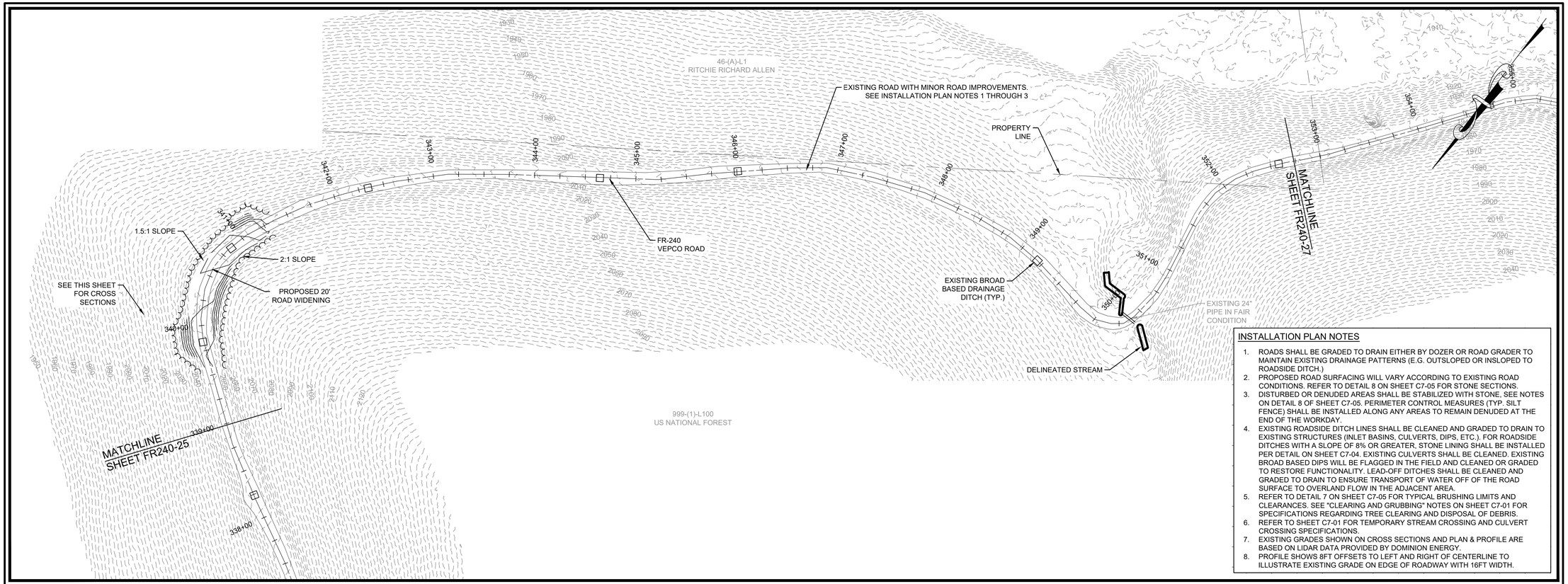
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-25

SHEET NO.



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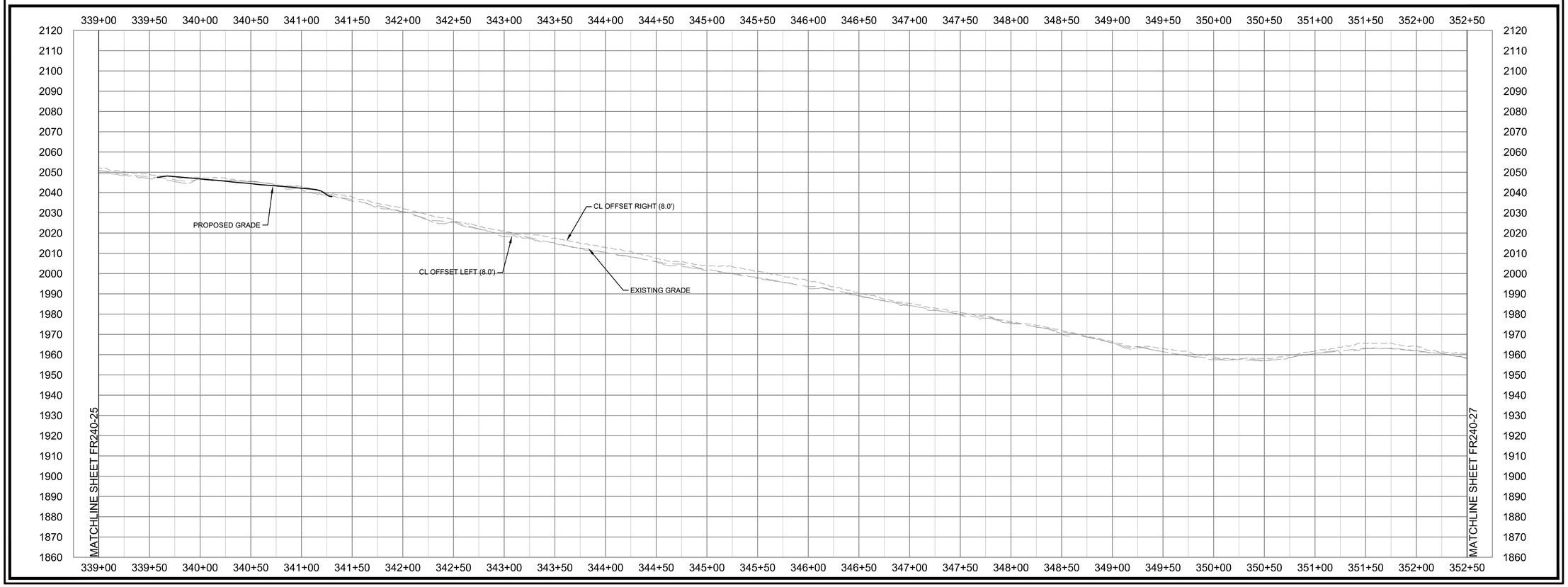

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

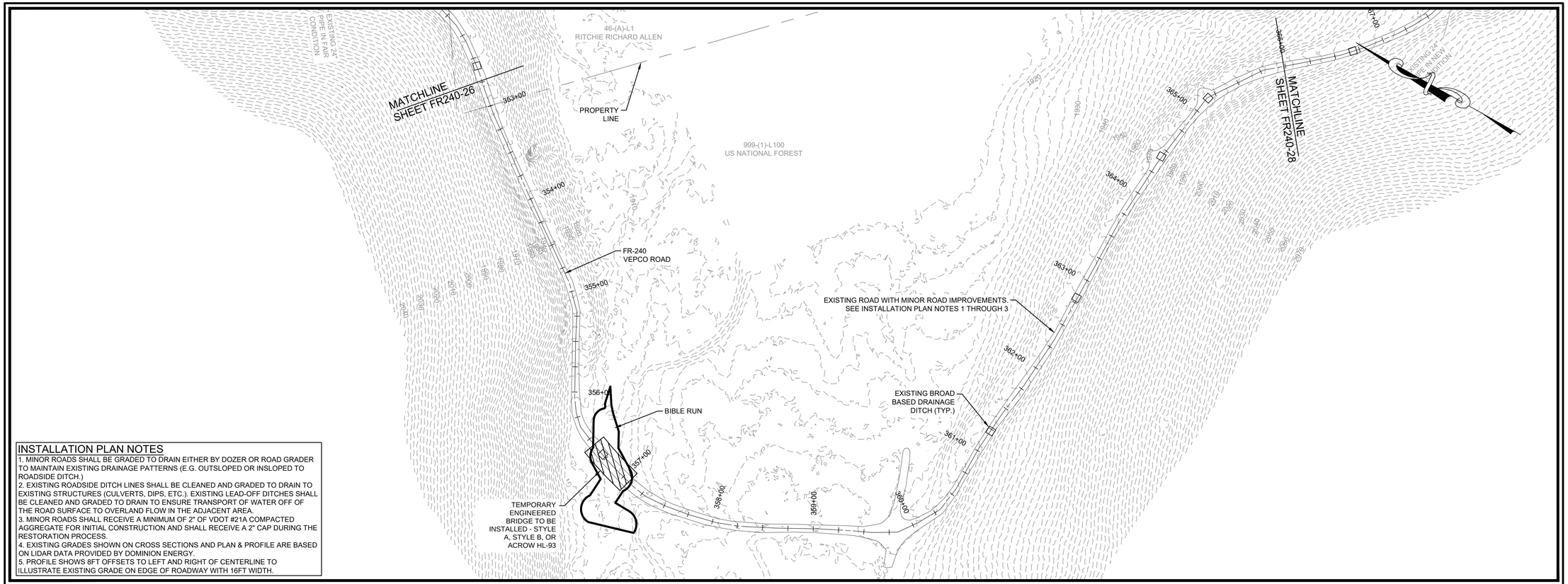
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-26

SHEET NO.



INSTALLATION PLAN NOTES

1. MINOR ROADS SHALL BE GRADED TO DRAIN EITHER BY DOZER OR ROAD GRADER TO MAINTAIN EXISTING DRAINAGE PATTERNS (E.G. OUTSLOPED OR INSLOPED TO ROADSIDE DITCH.)
2. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STRUCTURES (CULVERTS, DIPS, ETC.). EXISTING LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
3. MINOR ROADS SHALL RECEIVE A MINIMUM OF 2" OF VDOT #21A COMPACTED AGGREGATE FOR INITIAL CONSTRUCTION AND SHALL RECEIVE A 2" CAP DURING THE RESTORATION PROCESS.
4. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
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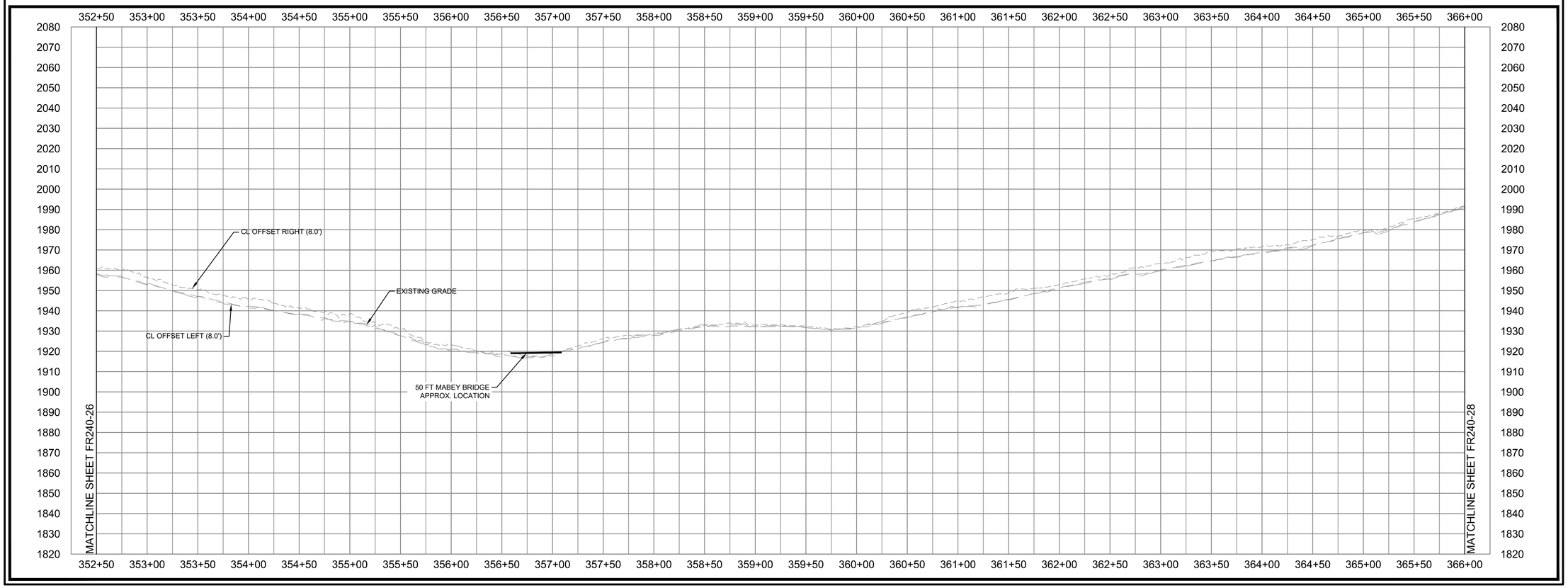

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

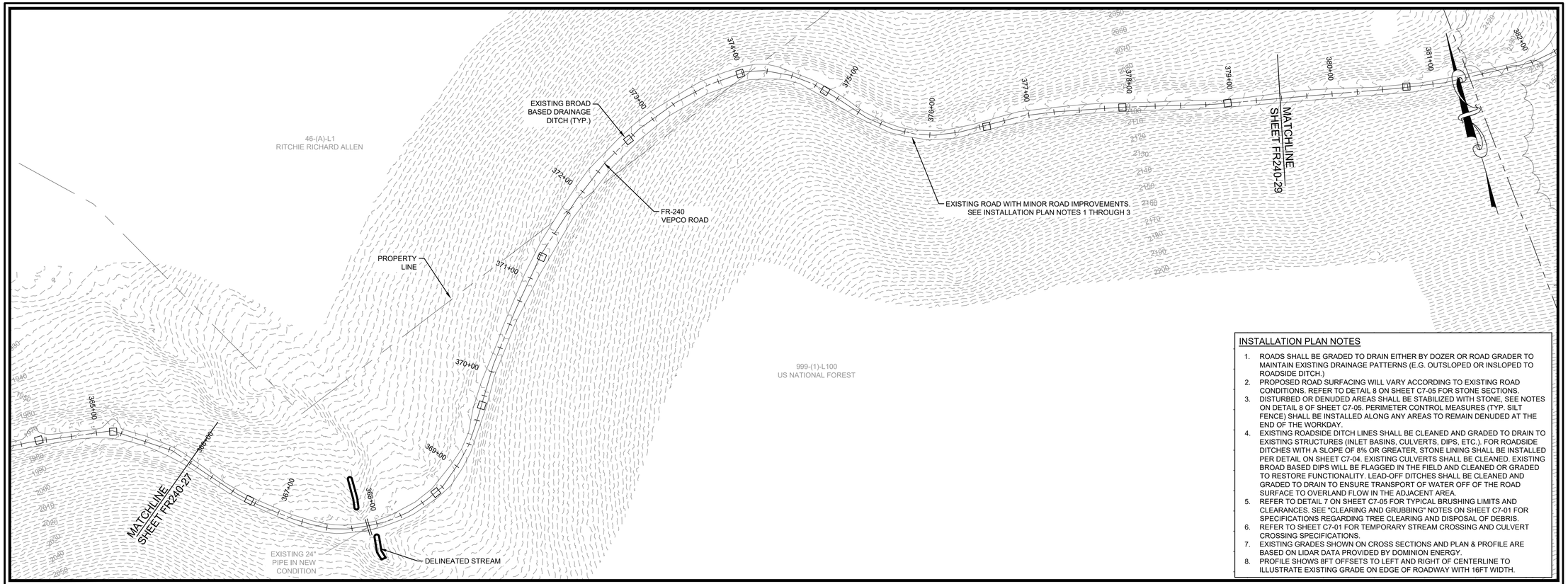
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-27

SHEET NO.



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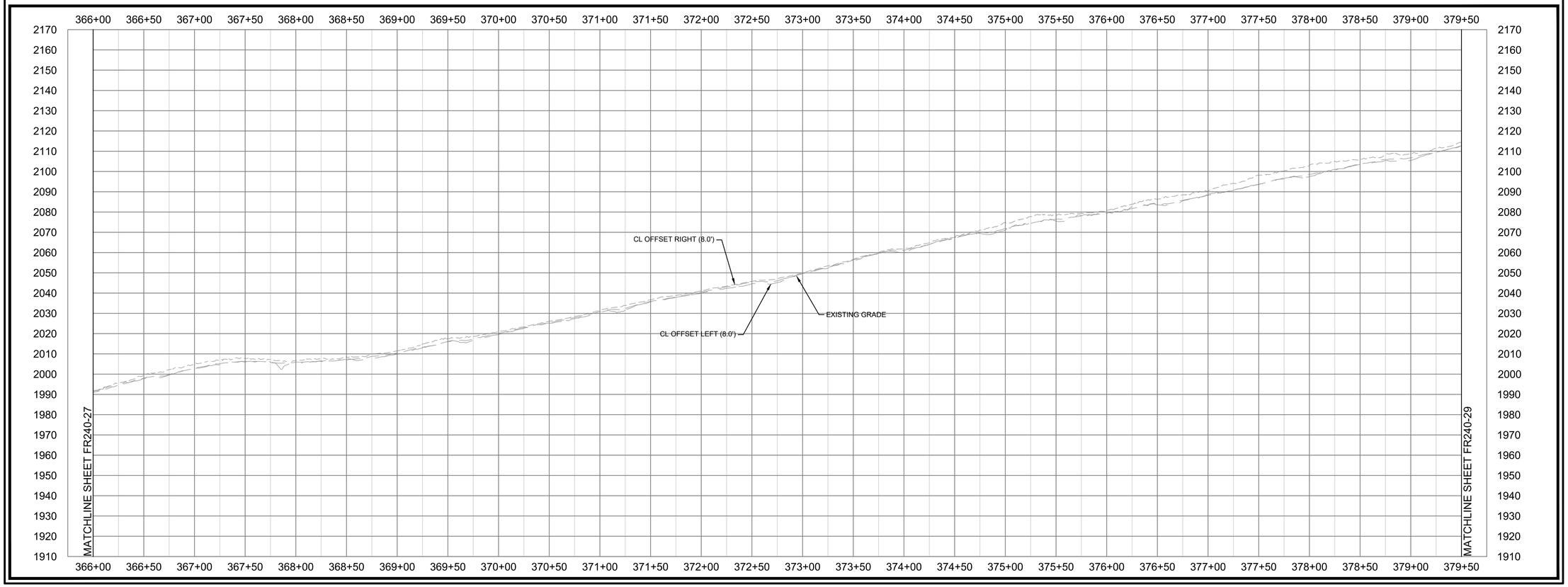

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

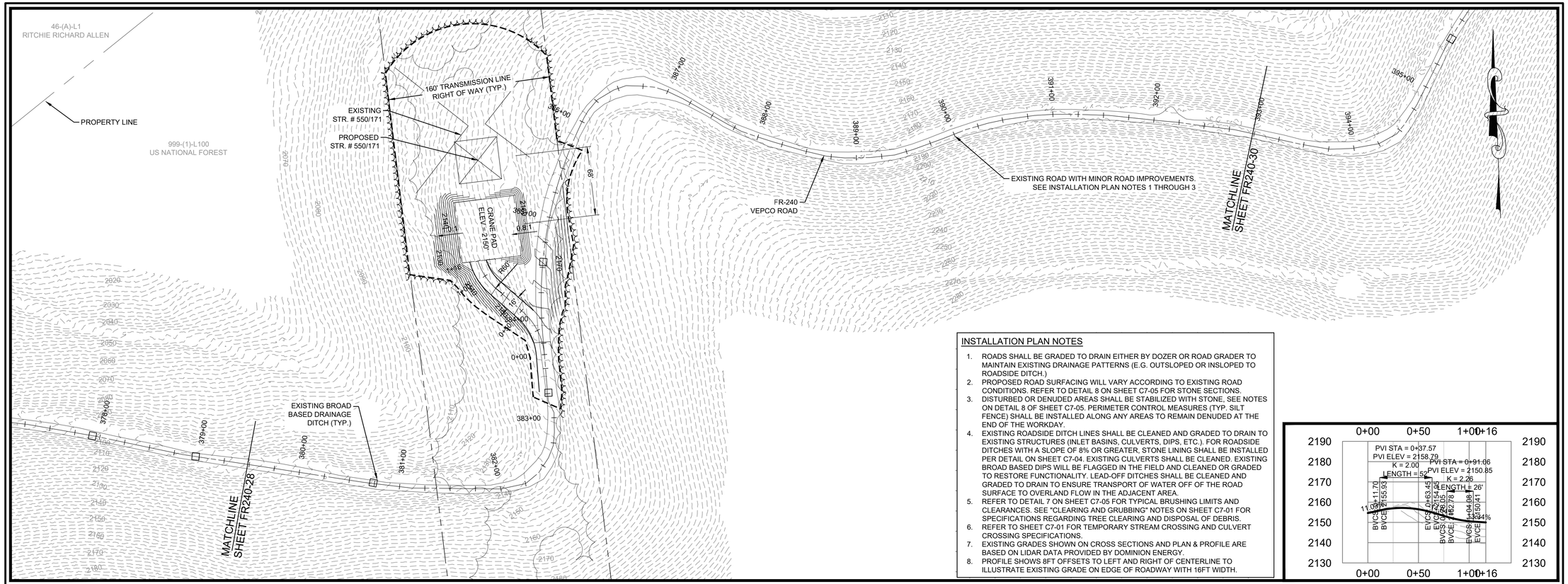
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-28

SHEET NO.



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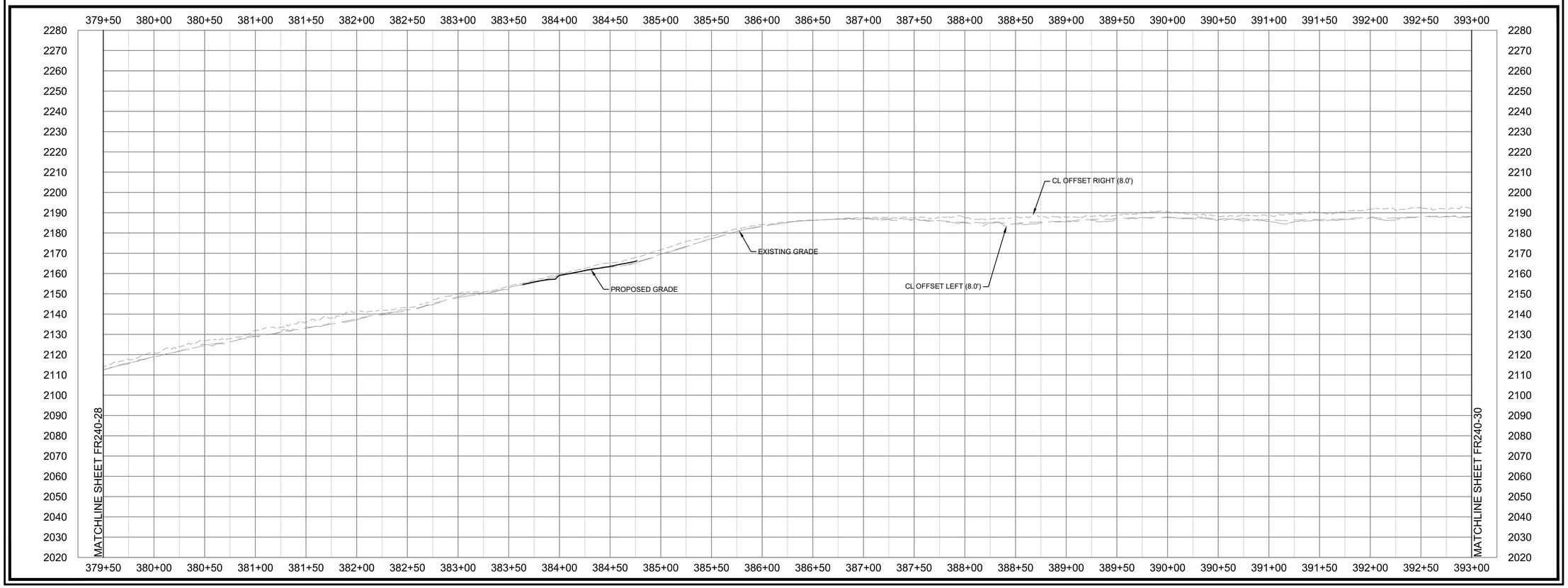

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

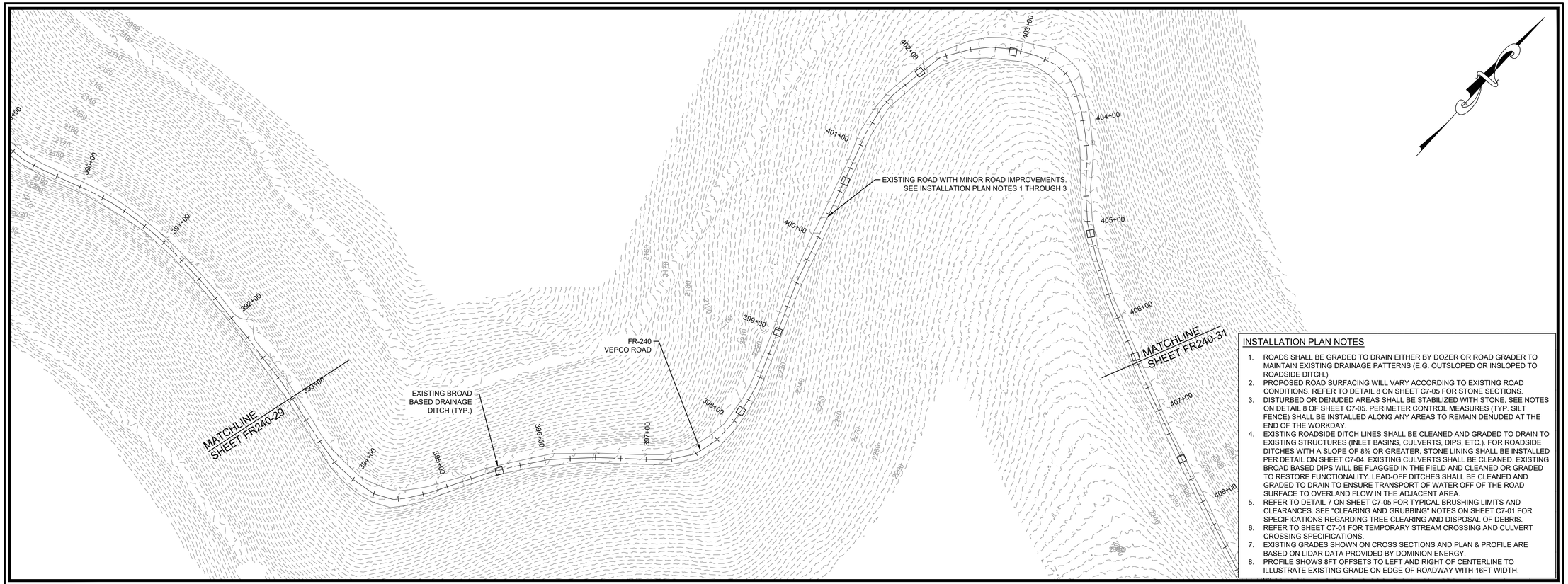
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-29

SHEET NO.



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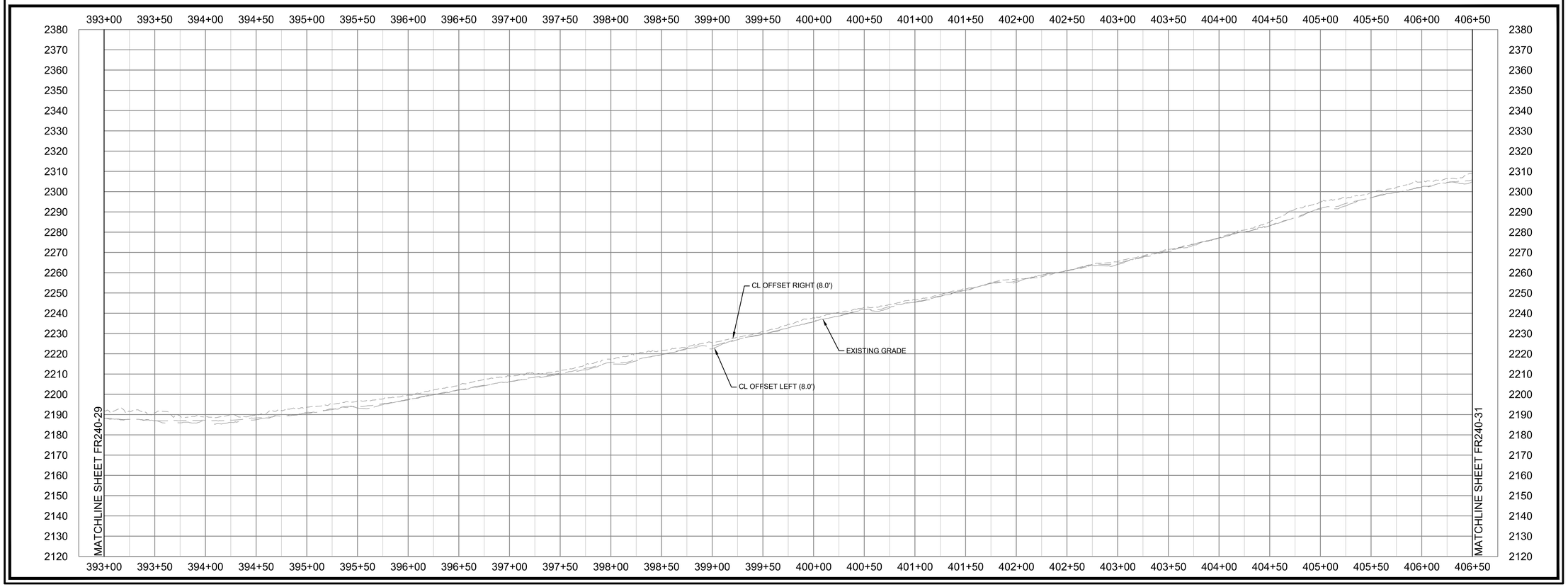

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

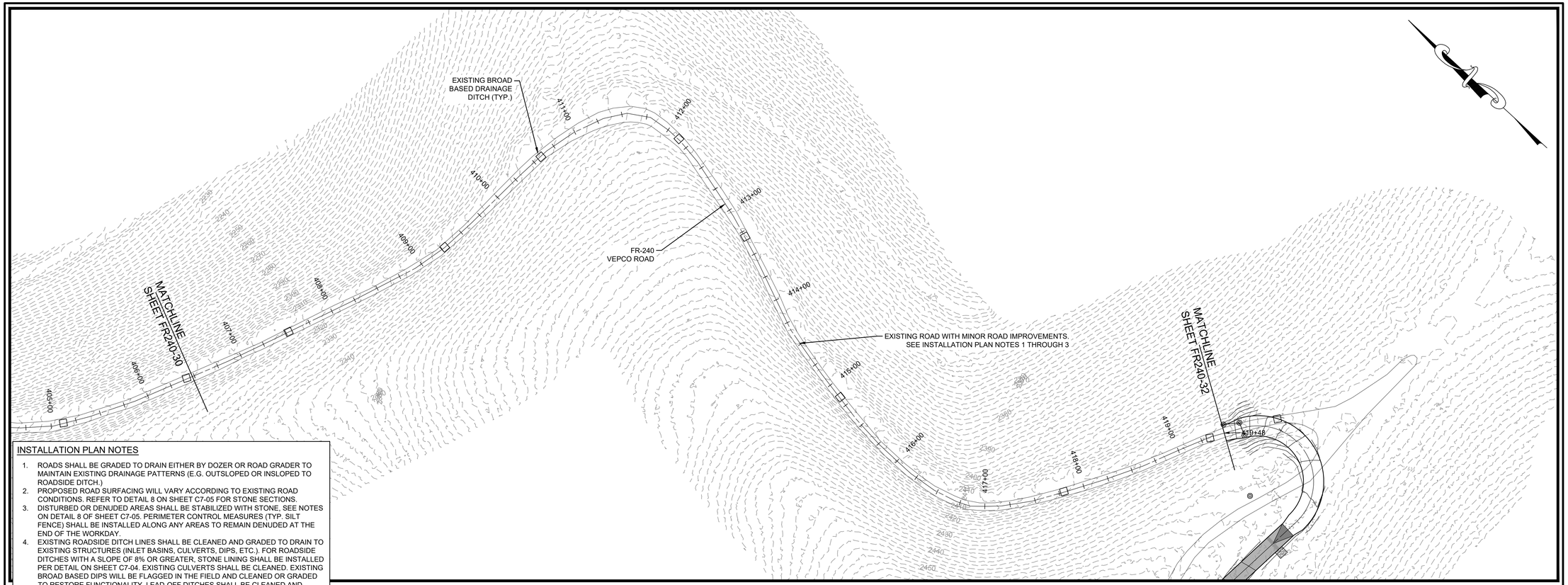
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-30

SHEET NO.



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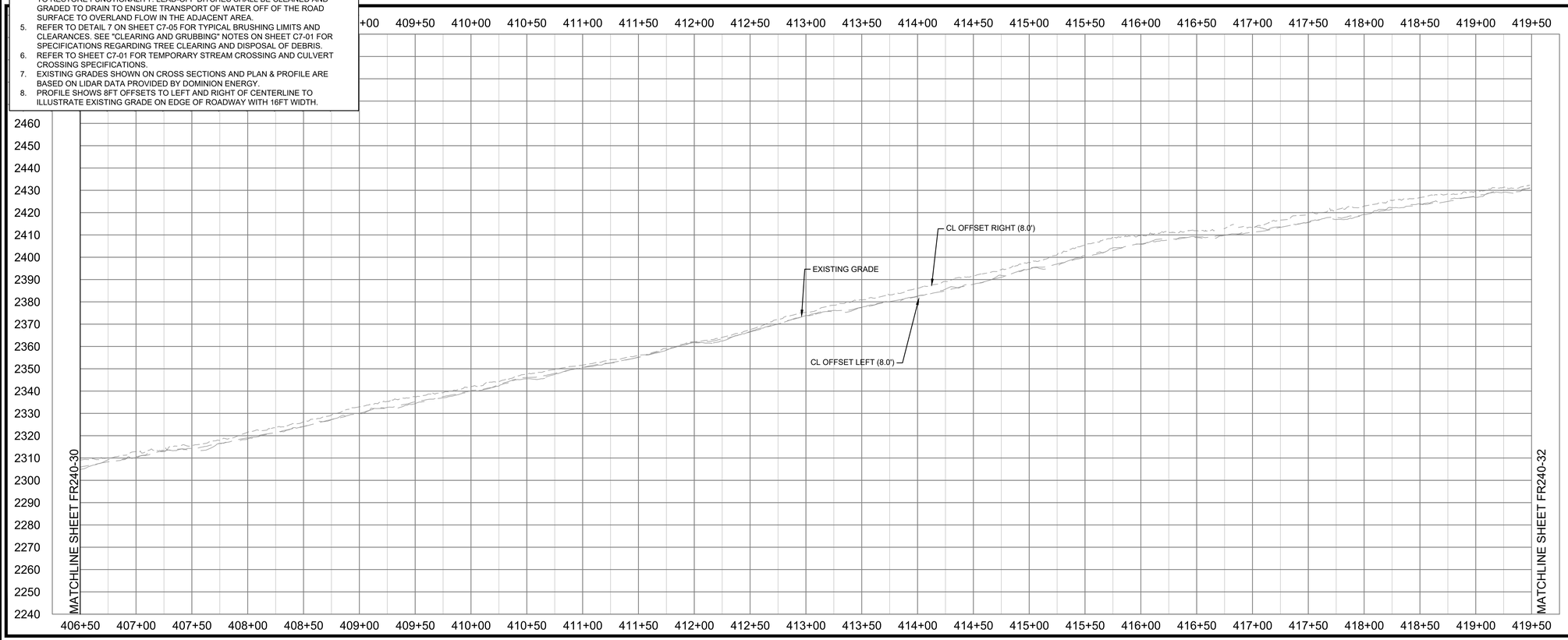

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-31

SHEET NO.

INSTALLATION PLAN NOTES

1. ROADS SHALL BE GRADED TO DRAIN EITHER BY DOZER OR ROAD GRADER TO MAINTAIN EXISTING DRAINAGE PATTERNS (E.G. OUTSLOPED OR INSLOPED TO ROADSIDE DITCH.)
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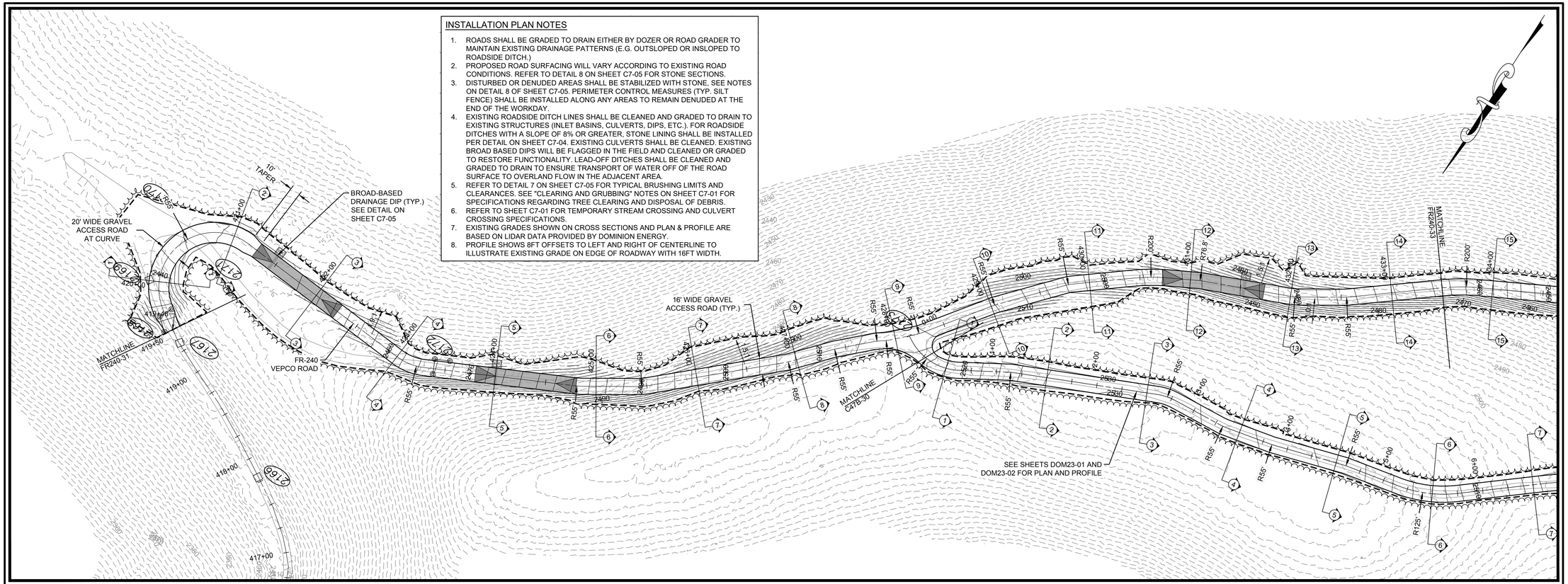
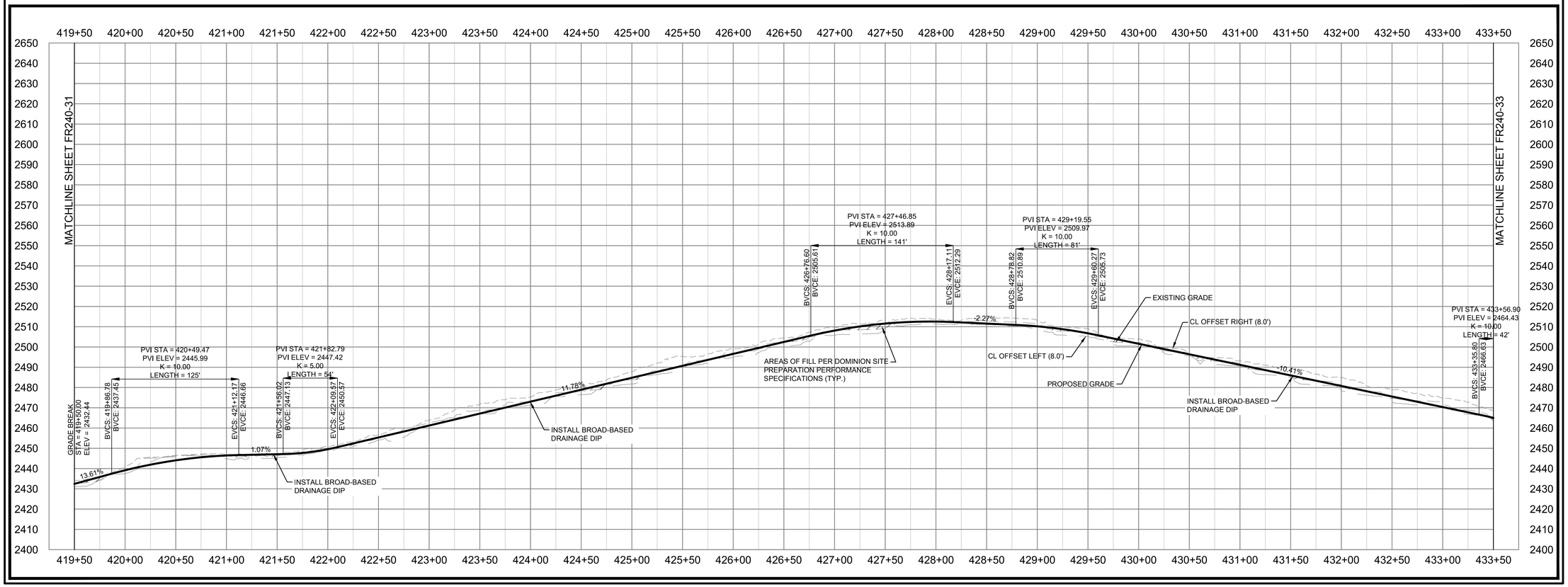




Dewberry

Dewberry Engineers Inc.
4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

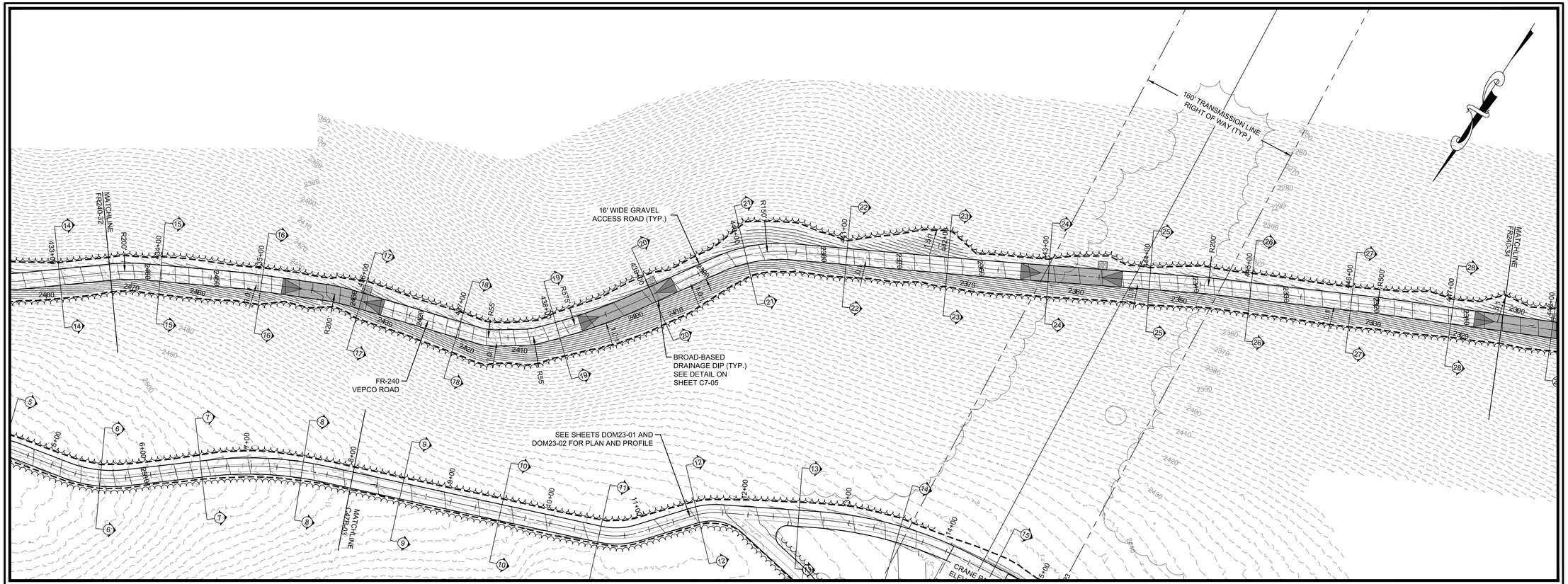
TITLE

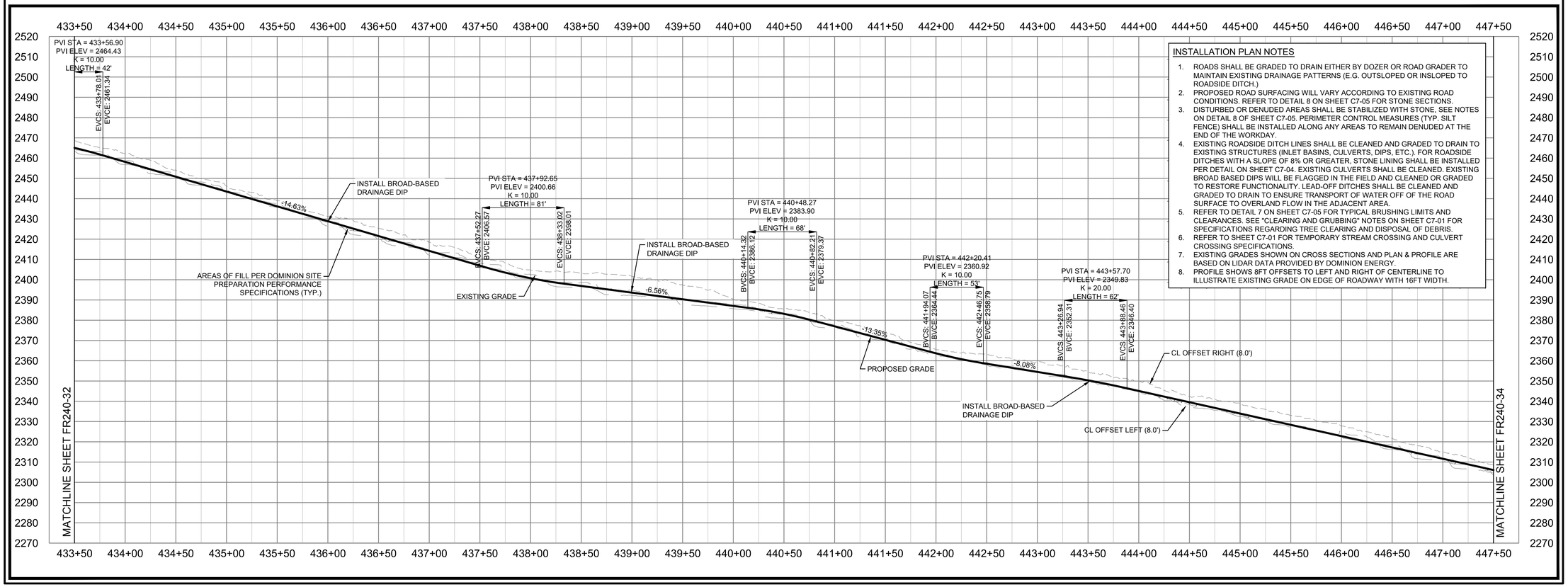
FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-32

SHEET NO.





INSTALLATION PLAN NOTES

1. ROADS SHALL BE GRADED TO DRAIN EITHER BY DOZER OR ROAD GRADER TO MAINTAIN EXISTING DRAINAGE PATTERNS (E.G. OUTSLOPED OR INSLOPED TO ROADSIDE DITCH.)
2. PROPOSED ROAD SURFACING WILL VARY ACCORDING TO EXISTING ROAD CONDITIONS. REFER TO DETAIL 8 ON SHEET C7-05 FOR STONE SECTIONS.
3. DISTURBED OR DENUDED AREAS SHALL BE STABILIZED WITH STONE, SEE NOTES ON DETAIL 8 OF SHEET C7-05. PERIMETER CONTROL MEASURES (TYP. SILT FENCE) SHALL BE INSTALLED ALONG ANY AREAS TO REMAIN DENUDED AT THE END OF THE WORKDAY.
4. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STRUCTURES (INLET BASINS, CULVERTS, DIPS, ETC.), FOR ROADSIDE DITCHES WITH A SLOPE OF 8% OR GREATER, STONE LINING SHALL BE INSTALLED PER DETAIL ON SHEET C7-04. EXISTING CULVERTS SHALL BE CLEANED. EXISTING BROAD BASED DIPS WILL BE FLAGGED IN THE FIELD AND CLEANED OR GRADED TO RESTORE FUNCTIONALITY. LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
5. REFER TO DETAIL 7 ON SHEET C7-05 FOR TYPICAL BRUSHING LIMITS AND CLEARANCES. SEE "CLEARING AND GRUBBING" NOTES ON SHEET C7-01 FOR SPECIFICATIONS REGARDING TREE CLEARING AND DISPOSAL OF DEBRIS.
6. REFER TO SHEET C7-01 FOR TEMPORARY STREAM CROSSING AND CULVERT CROSSING SPECIFICATIONS.
7. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS

GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

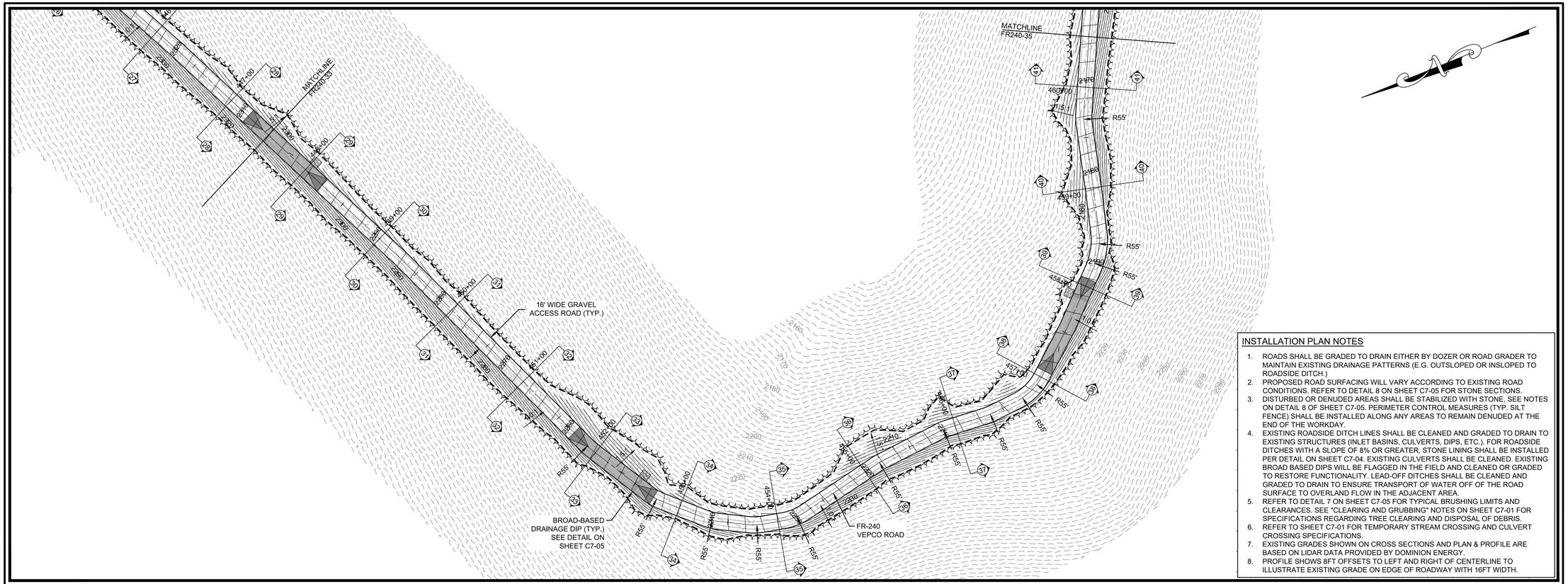
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-33

SHEET NO.



INSTALLATION PLAN NOTES

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5. REFER TO DETAIL 7 ON SHEET C7-05 FOR TYPICAL BRUSHING LIMITS AND CLEARANCES. SEE "CLEARING AND GRUBBING" NOTES ON SHEET C7-01 FOR SPECIFICATIONS REGARDING TREE CLEARING AND DISPOSAL OF DEBRIS.
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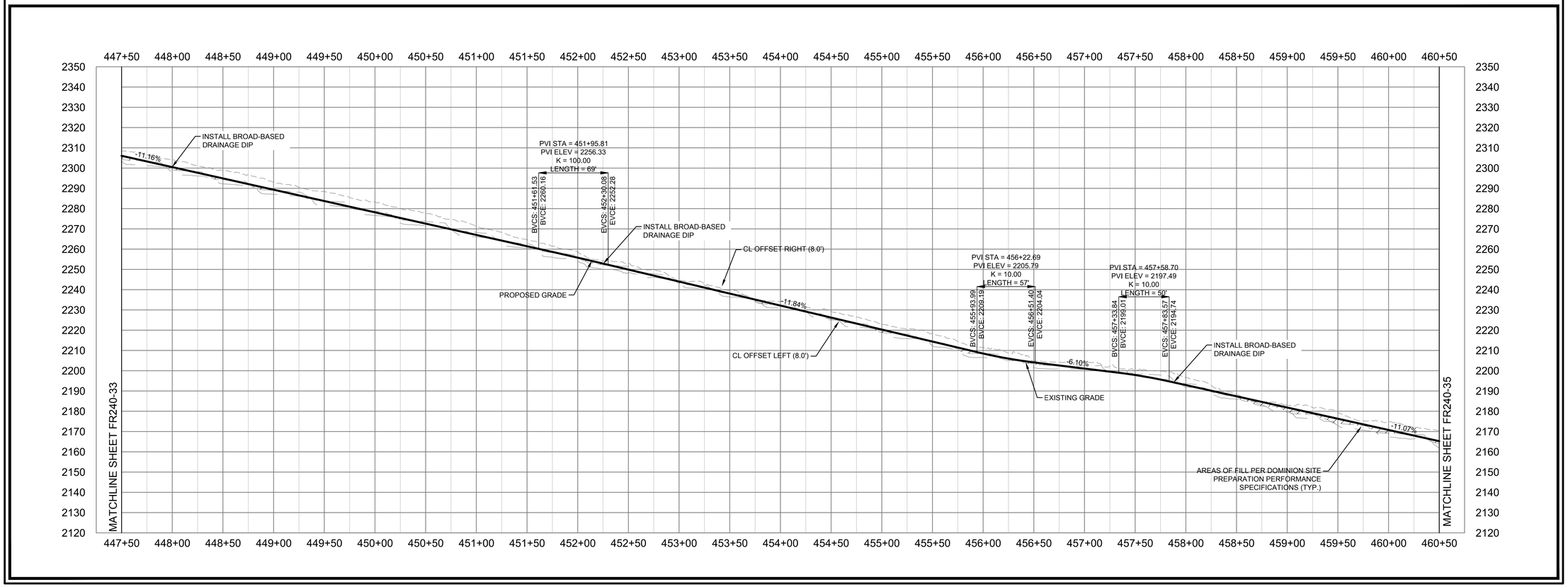
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

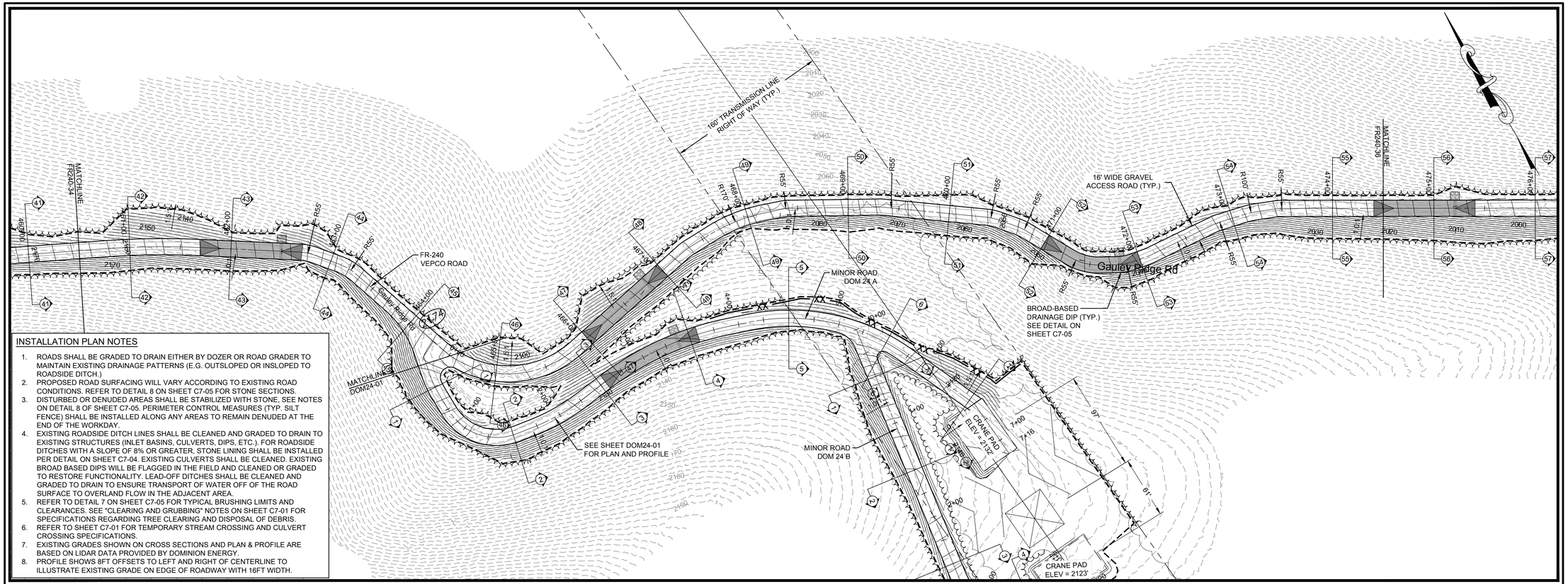
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-34

SHEET NO.



INSTALLATION PLAN NOTES

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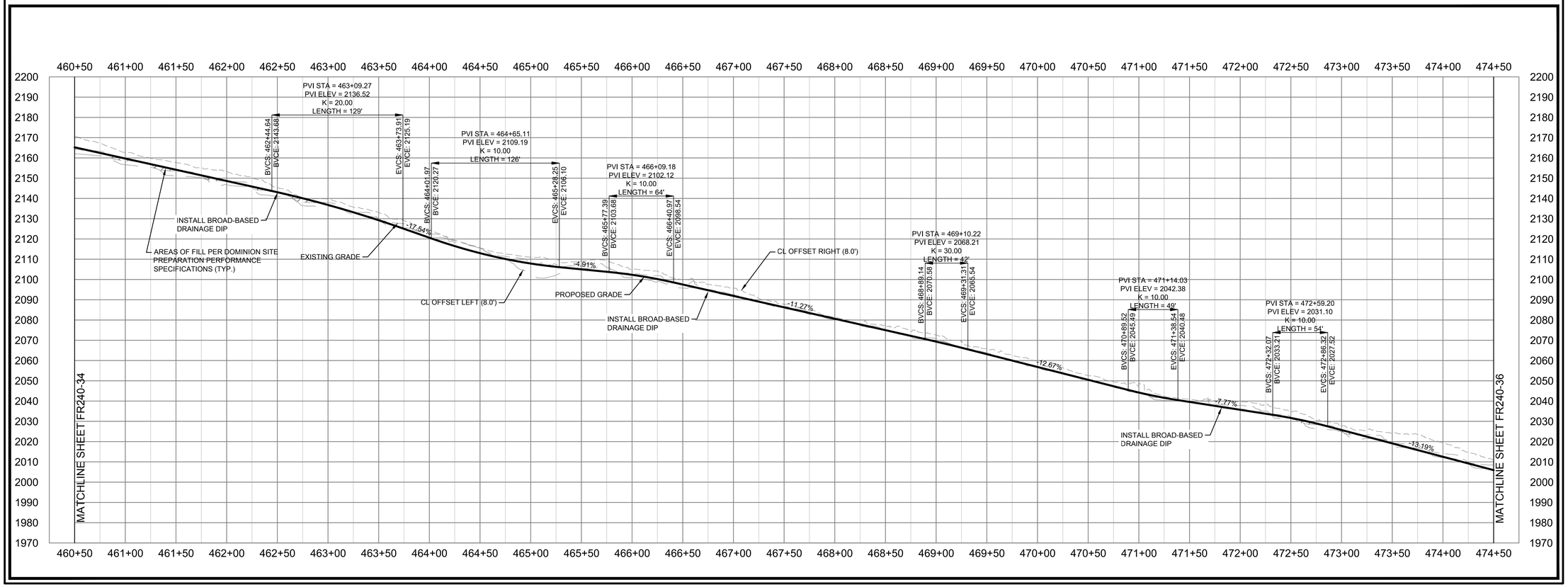

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS

GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

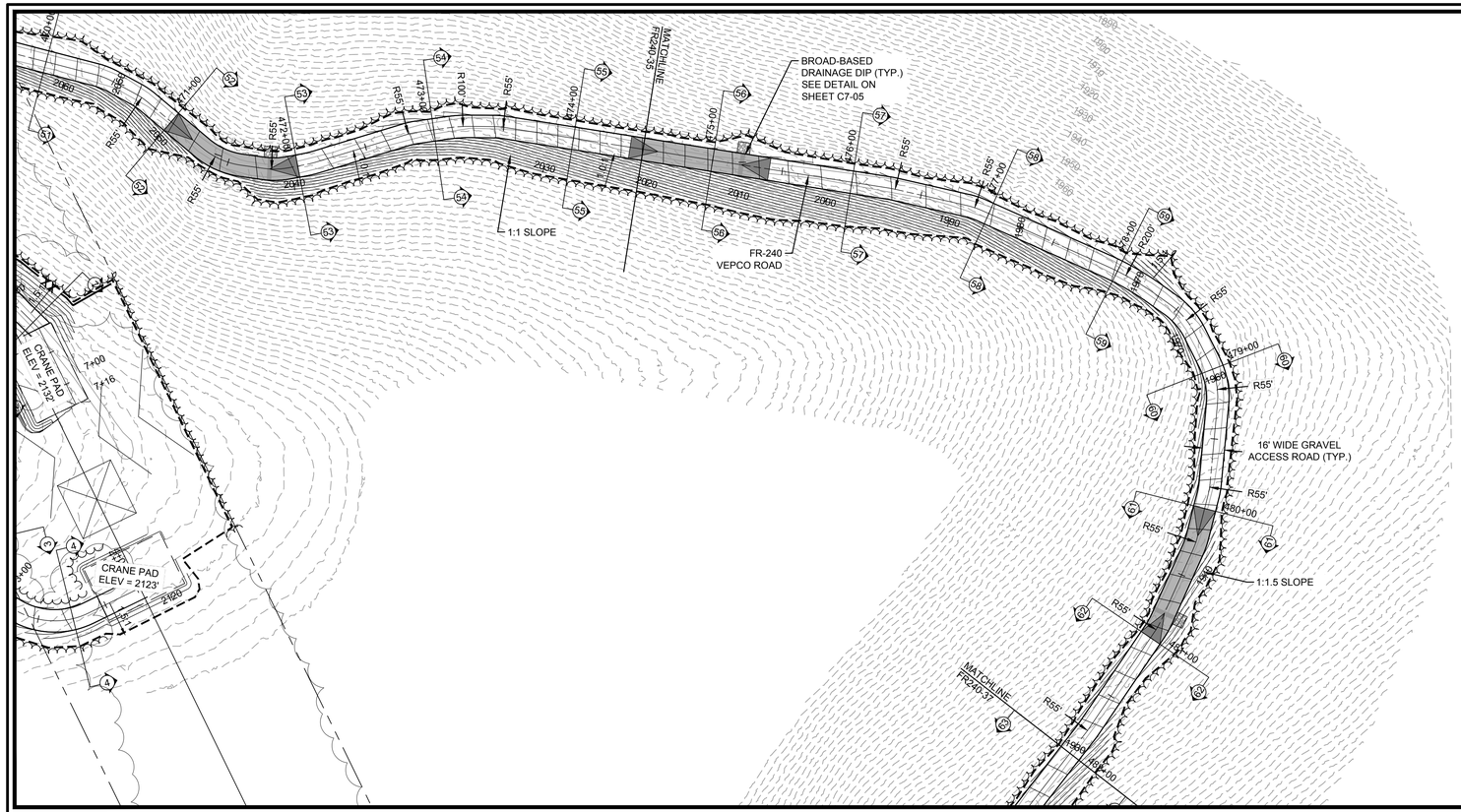
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-35

SHEET NO.



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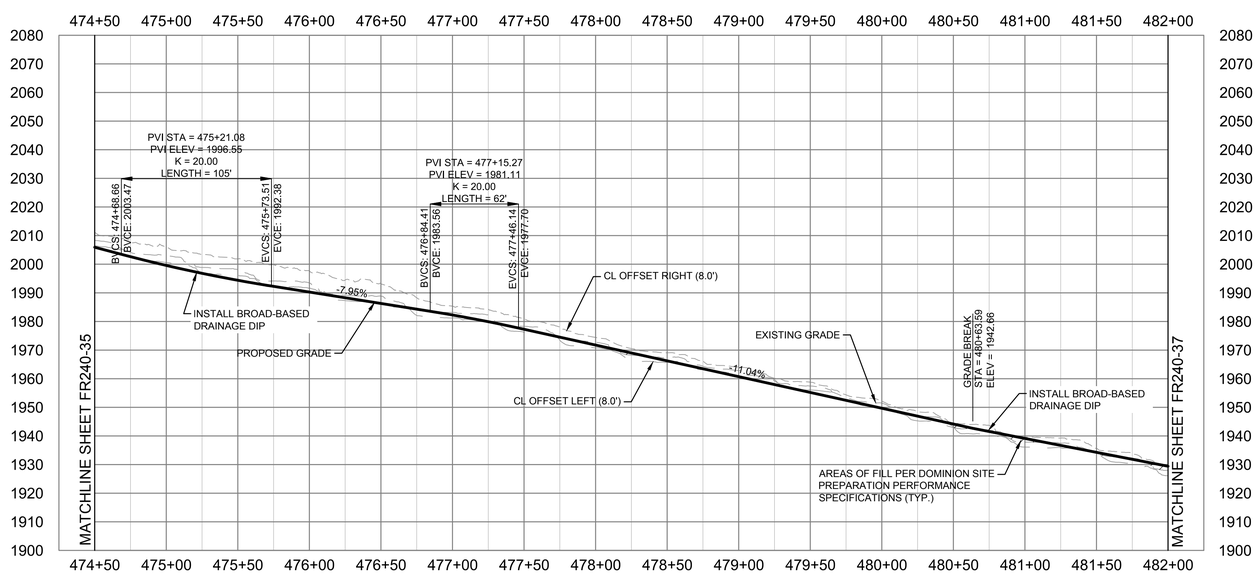

Dewberry

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

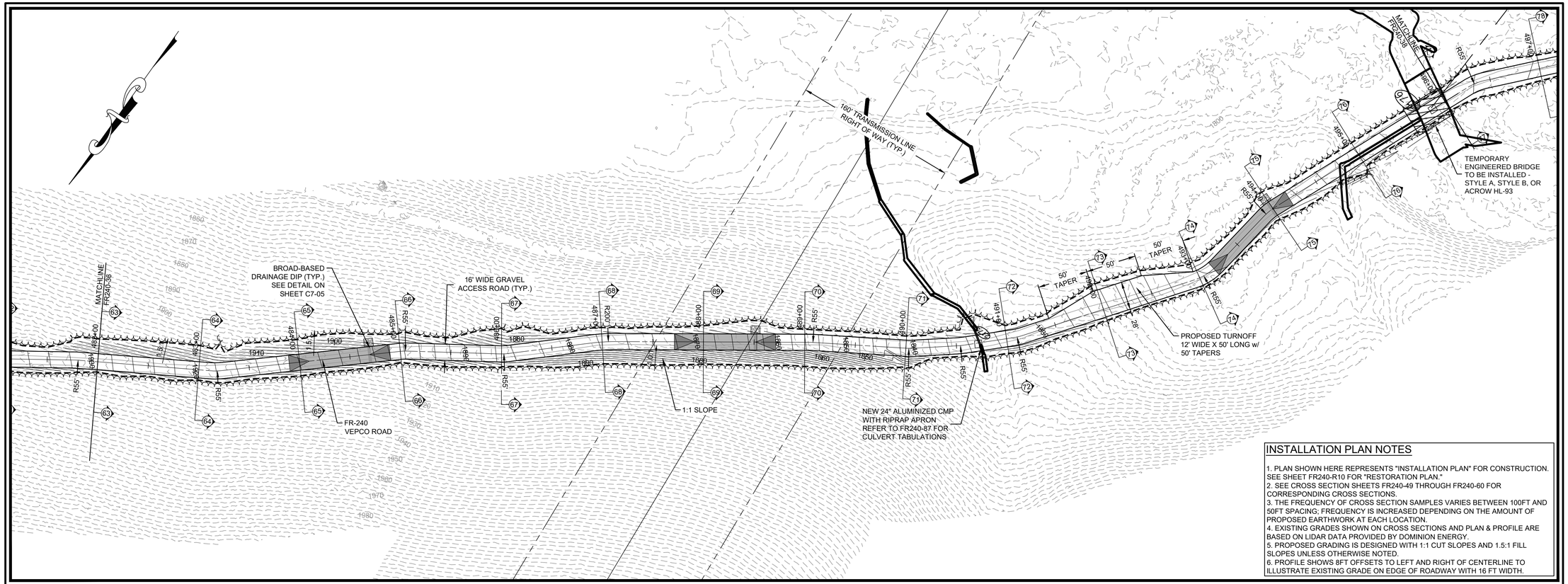
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

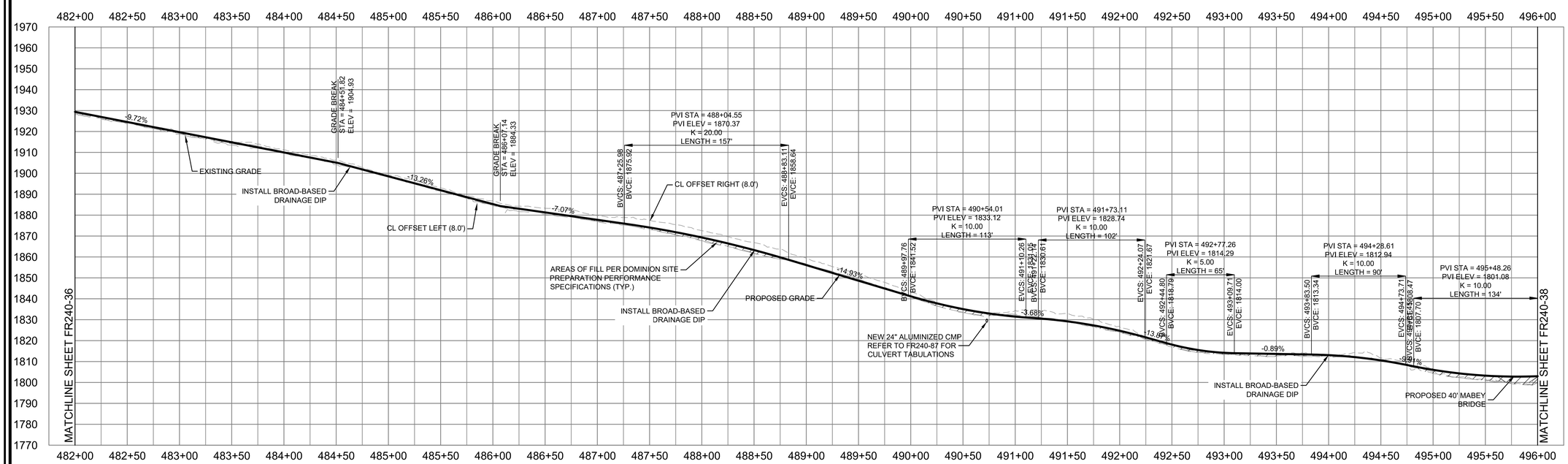
FR240-36

SHEET NO.



INSTALLATION PLAN NOTES

1. PLAN SHOWN HERE REPRESENTS "INSTALLATION PLAN" FOR CONSTRUCTION. SEE SHEET FR240-R10 FOR "RESTORATION PLAN."
2. SEE CROSS SECTION SHEETS FR240-49 THROUGH FR240-60 FOR CORRESPONDING CROSS SECTIONS.
3. THE FREQUENCY OF CROSS SECTION SAMPLES VARIES BETWEEN 100FT AND 50FT SPACING; FREQUENCY IS INCREASED DEPENDING ON THE AMOUNT OF PROPOSED EARTHWORK AT EACH LOCATION.
4. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
5. PROPOSED GRADING IS DESIGNED WITH 1:1 CUT SLOPES AND 1.5:1 FILL SLOPES UNLESS OTHERWISE NOTED.
6. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16 FT WIDTH.



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS

GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

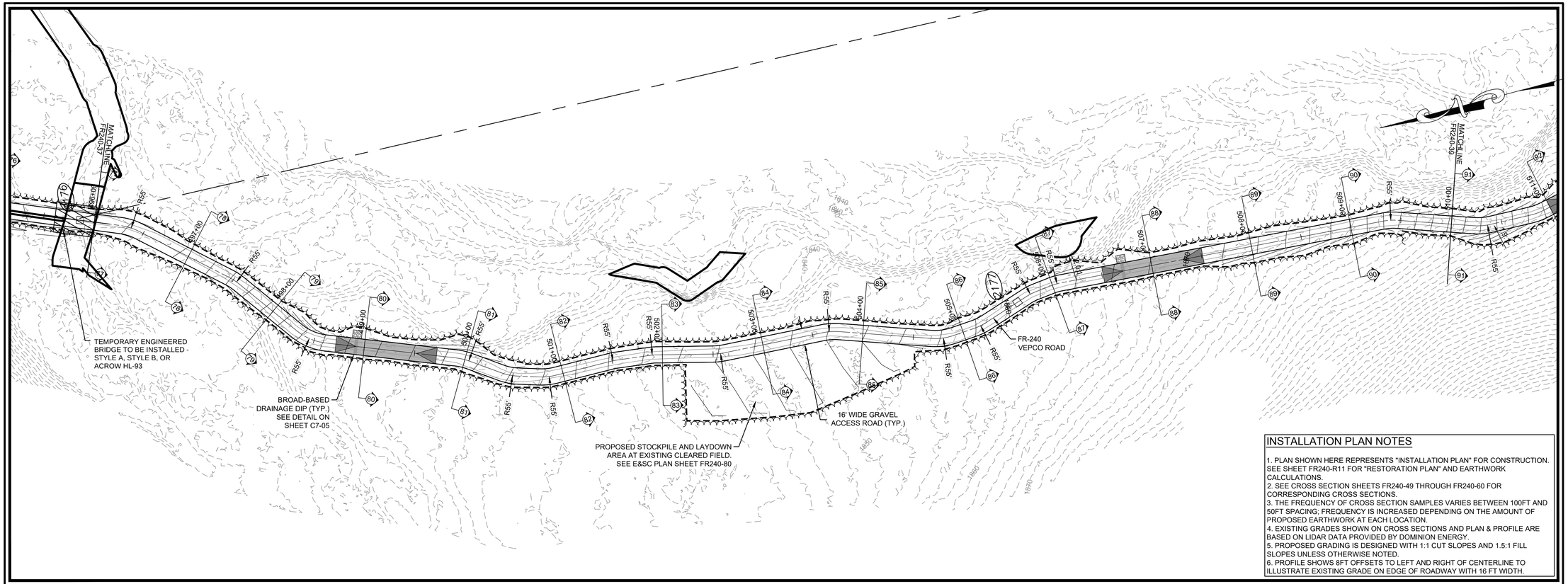
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-37

SHEET NO.



INSTALLATION PLAN NOTES

1. PLAN SHOWN HERE REPRESENTS "INSTALLATION PLAN" FOR CONSTRUCTION. SEE SHEET FR240-R11 FOR "RESTORATION PLAN" AND EARTHWORK CALCULATIONS.
2. SEE CROSS SECTION SHEETS FR240-49 THROUGH FR240-60 FOR CORRESPONDING CROSS SECTIONS.
3. THE FREQUENCY OF CROSS SECTION SAMPLES VARIES BETWEEN 100FT AND 50FT SPACING; FREQUENCY IS INCREASED DEPENDING ON THE AMOUNT OF PROPOSED EARTHWORK AT EACH LOCATION.
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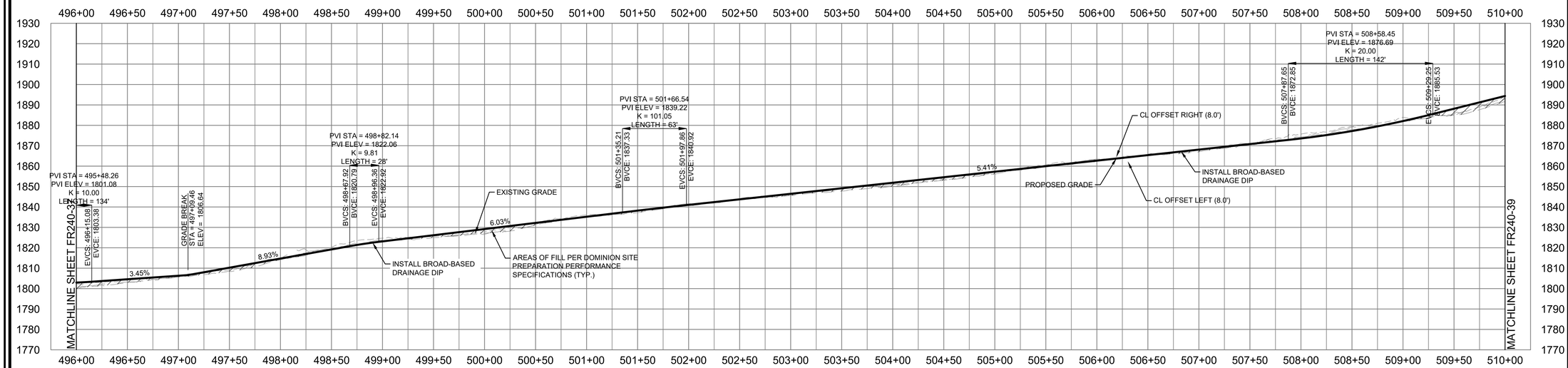

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

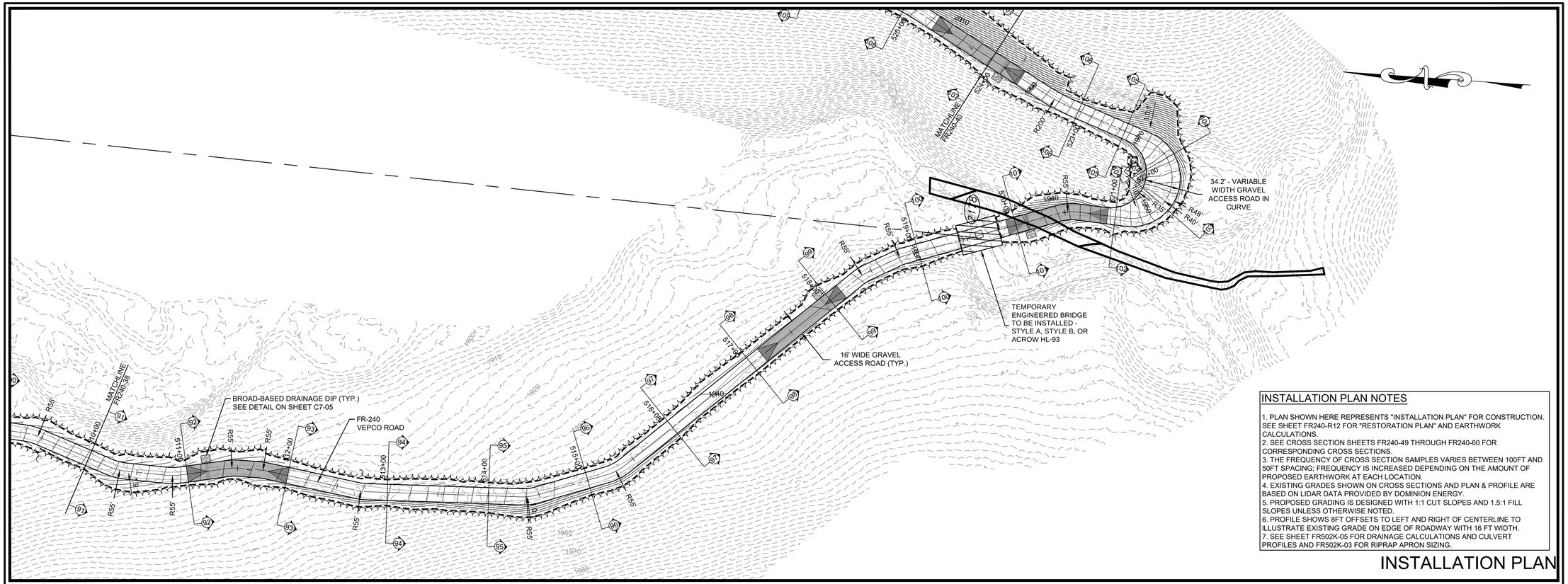
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-38

SHEET NO.



INSTALLATION PLAN NOTES

1. PLAN SHOWN HERE REPRESENTS "INSTALLATION PLAN" FOR CONSTRUCTION. SEE SHEET FR240-R12 FOR "RESTORATION PLAN" AND EARTHWORK CALCULATIONS.
2. SEE CROSS SECTION SHEETS FR240-49 THROUGH FR240-60 FOR CORRESPONDING CROSS SECTIONS.
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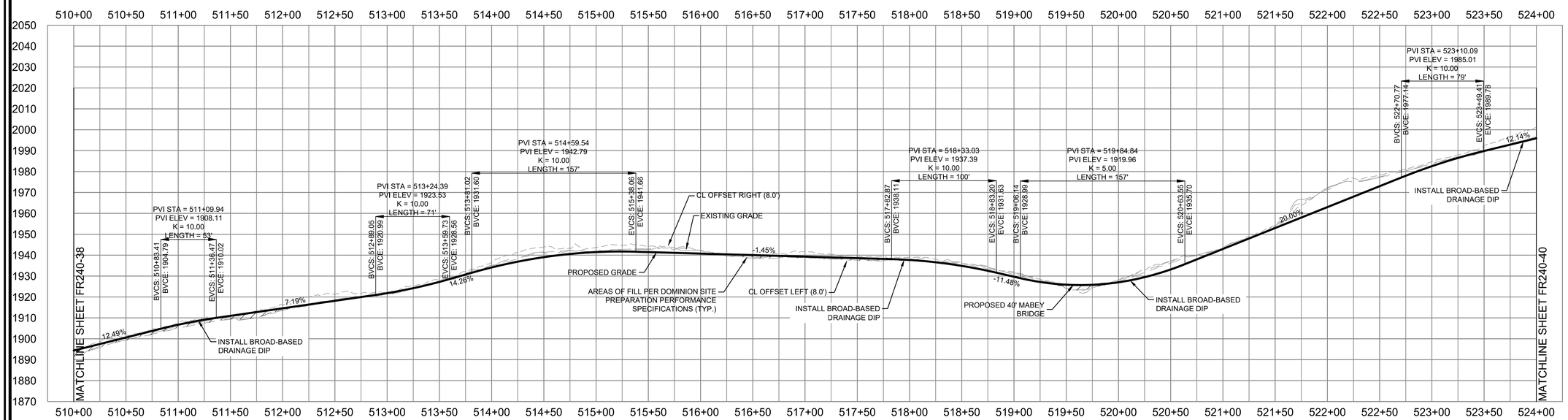
7. SEE SHEET FR502K-05 FOR DRAINAGE CALCULATIONS AND CULVERT PROFILES AND FR502K-03 FOR RIPRAP APRON SIZING.

INSTALLATION PLAN



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

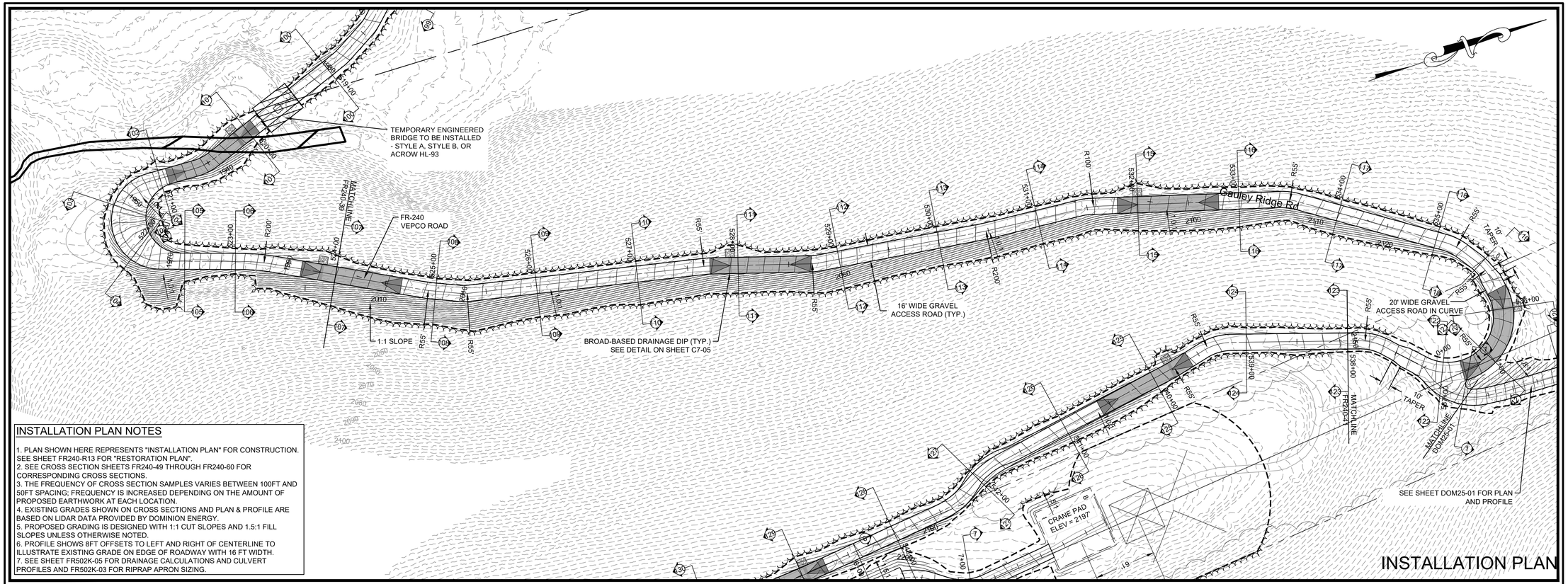
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-39

SHEET NO.



INSTALLATION PLAN NOTES

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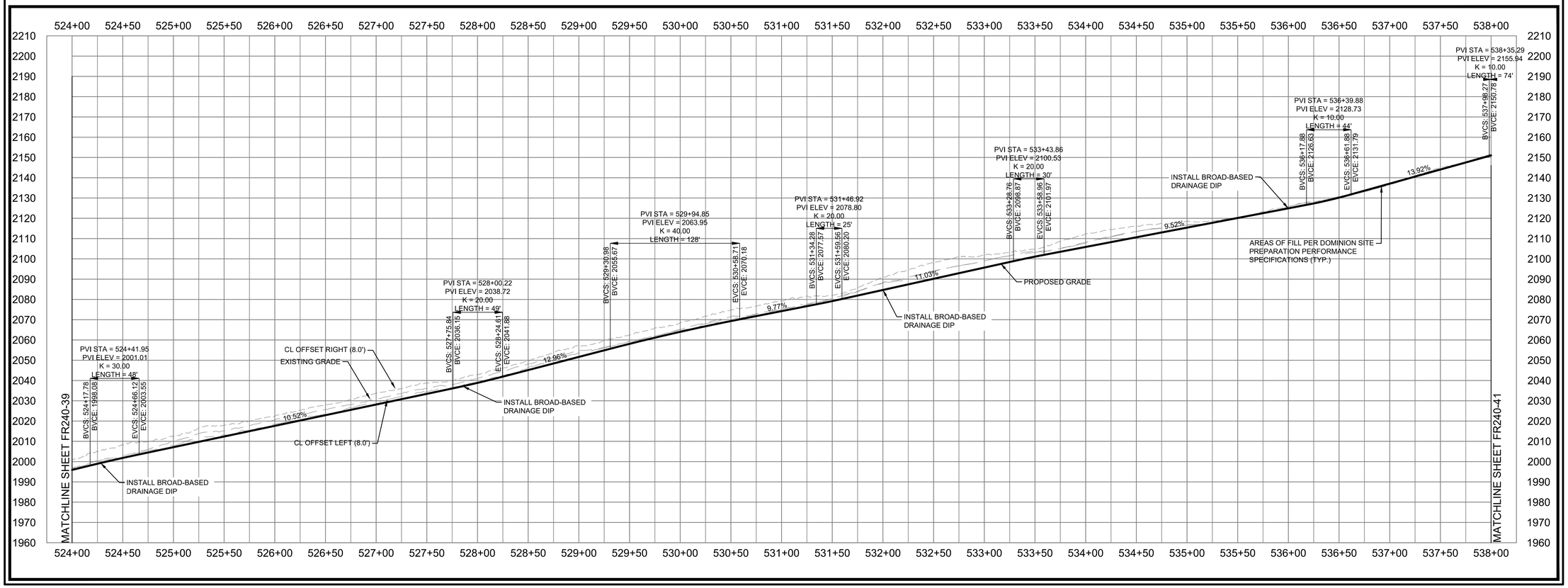

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

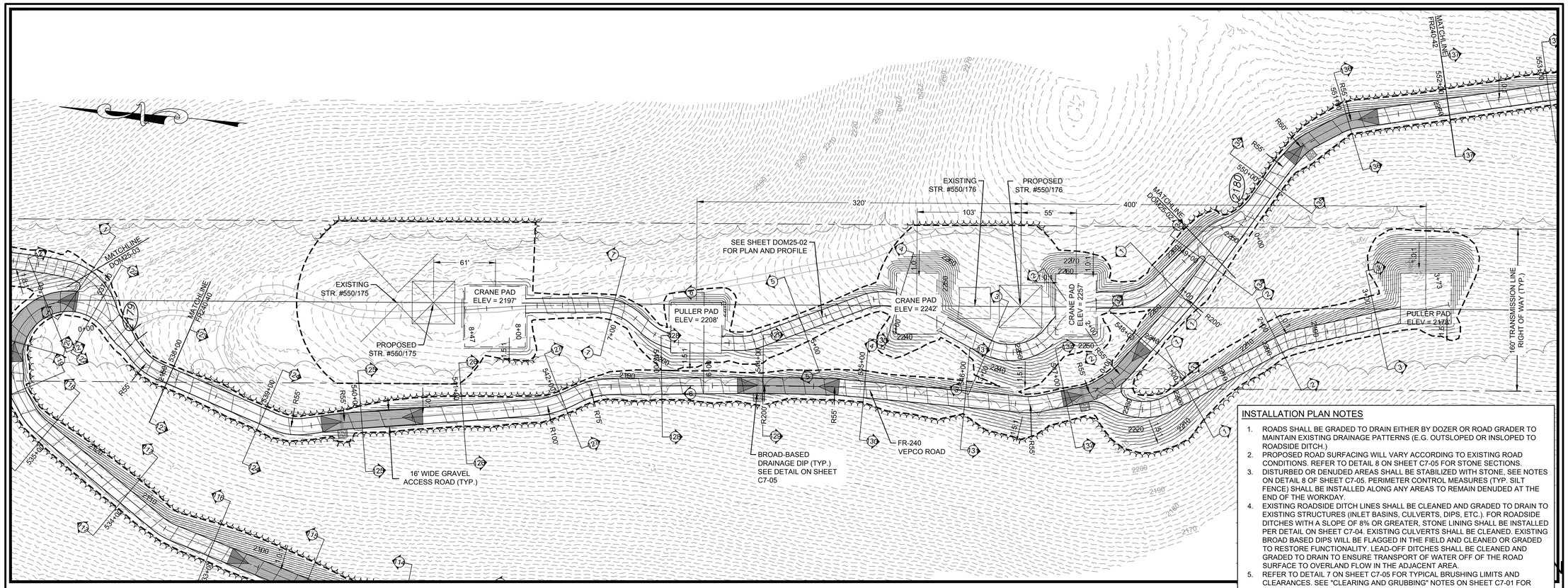
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-40

SHEET NO.



INSTALLATION PLAN NOTES

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2. PROPOSED ROAD SURFACING WILL VARY ACCORDING TO EXISTING ROAD CONDITIONS. REFER TO DETAIL 8 ON SHEET C7-05 FOR STONE SECTIONS.
3. DISTURBED OR DENUDED AREAS SHALL BE STABILIZED WITH STONE, SEE NOTES ON DETAIL 8 OF SHEET C7-05. PERIMETER CONTROL MEASURES (TYP. SILT FENCE) SHALL BE INSTALLED ALONG ANY AREAS TO REMAIN DENUDED AT THE END OF THE WORKDAY.
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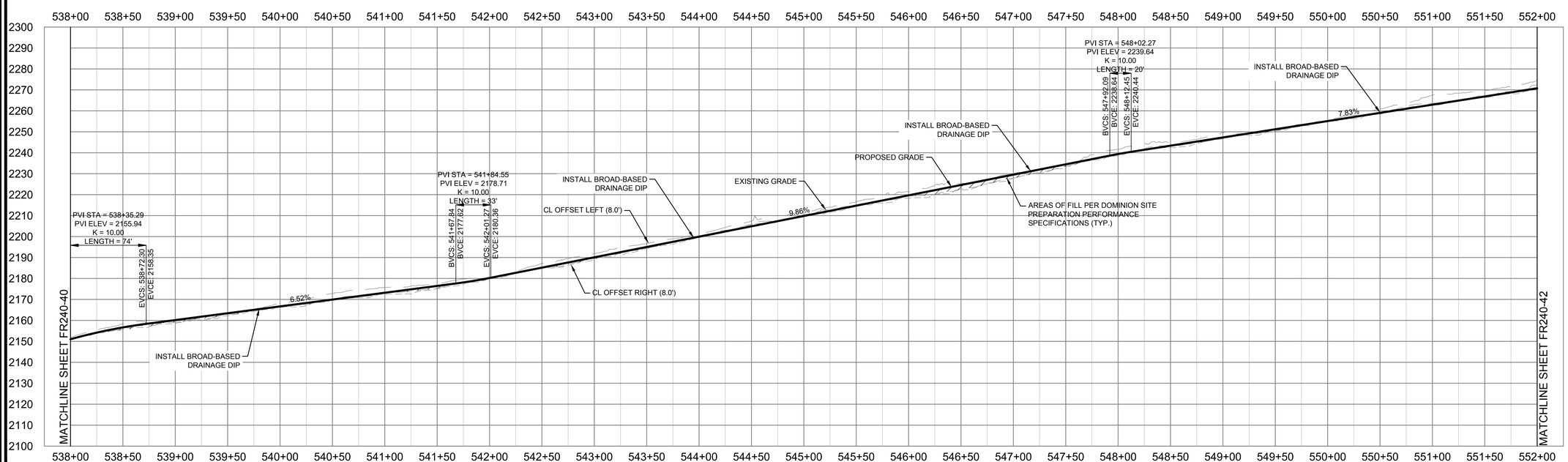
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



Dewberry

Dewberry Engineers Inc.
4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

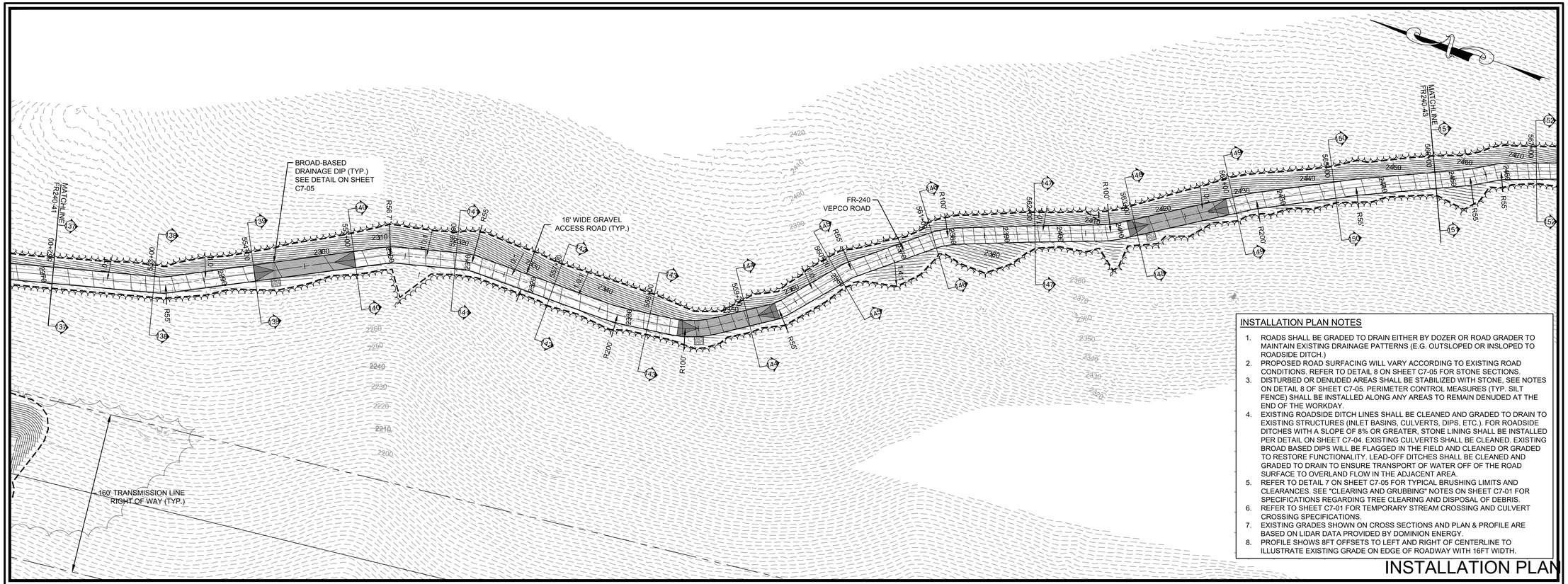
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-41

SHEET NO.



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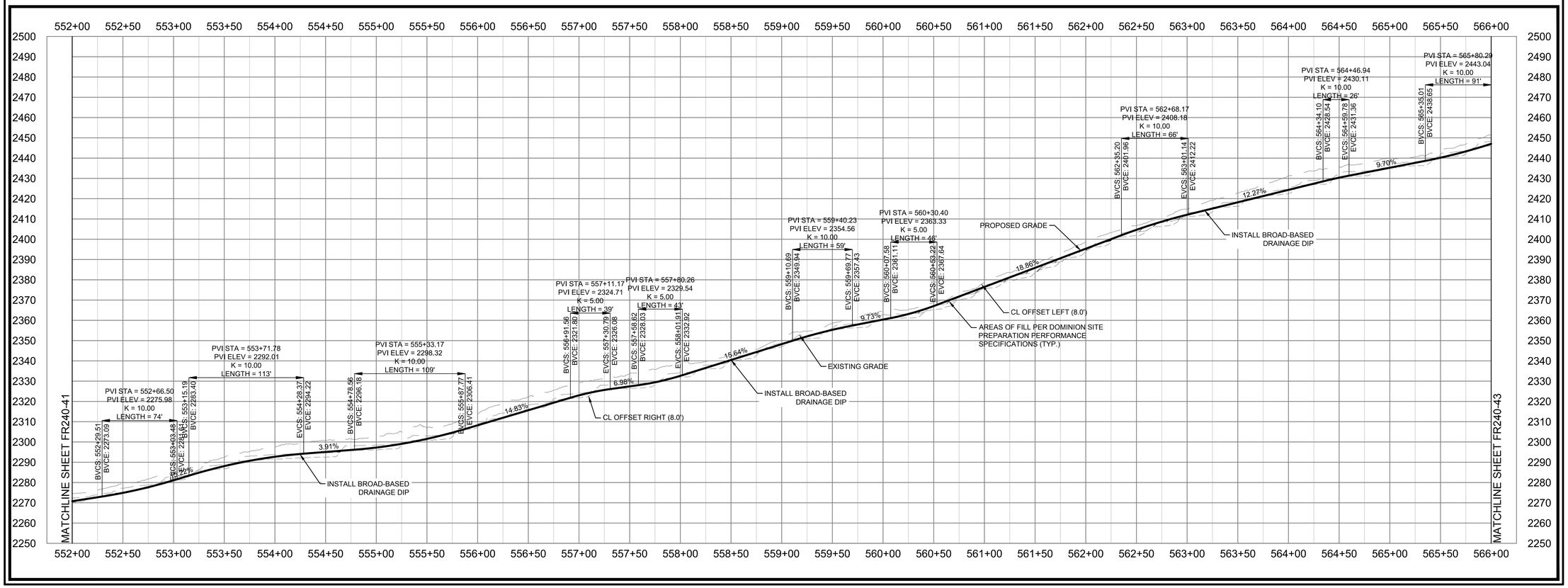
INSTALLATION PLAN



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-42

SHEET NO.

INSTALLATION PLAN NOTES

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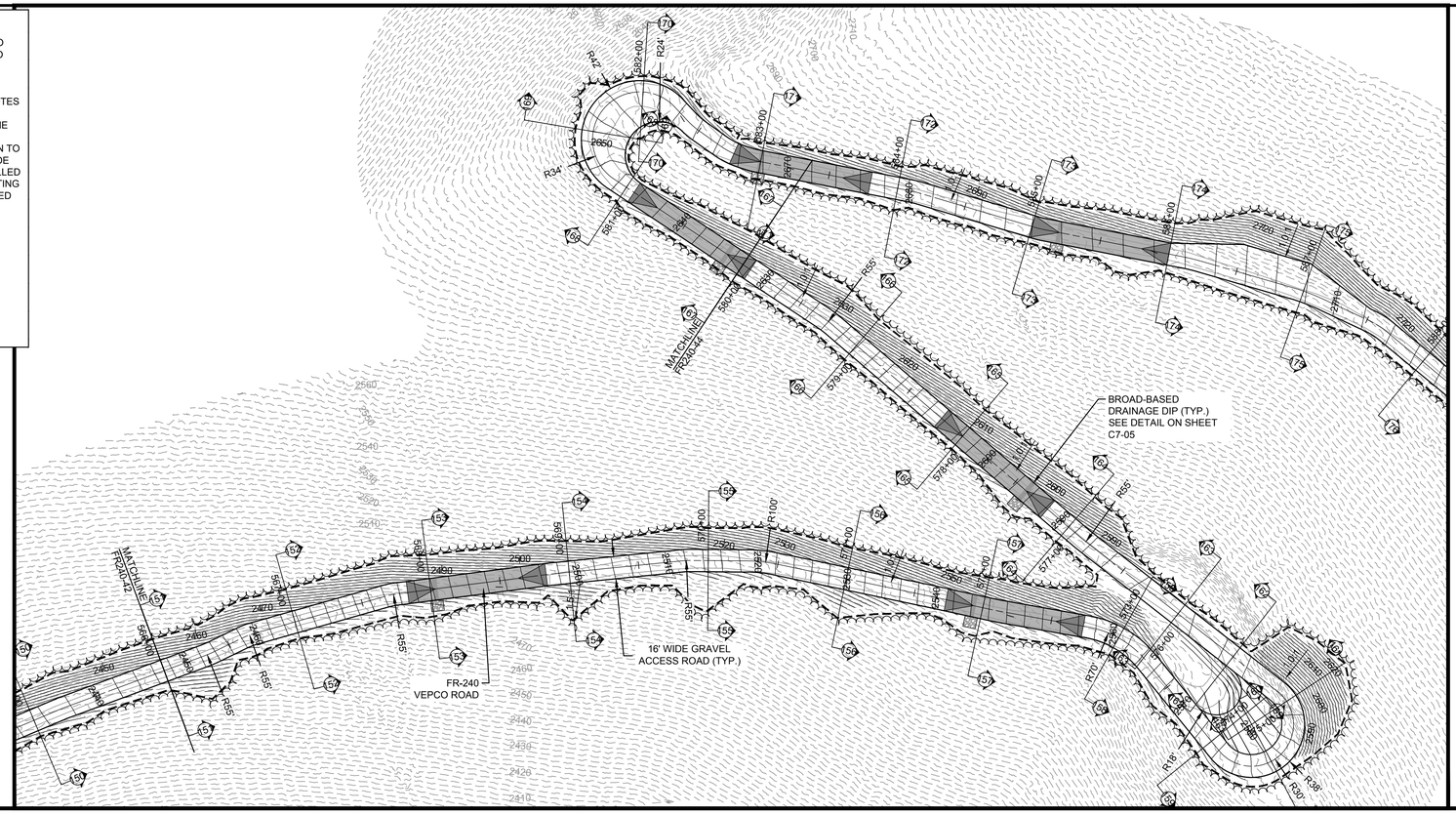
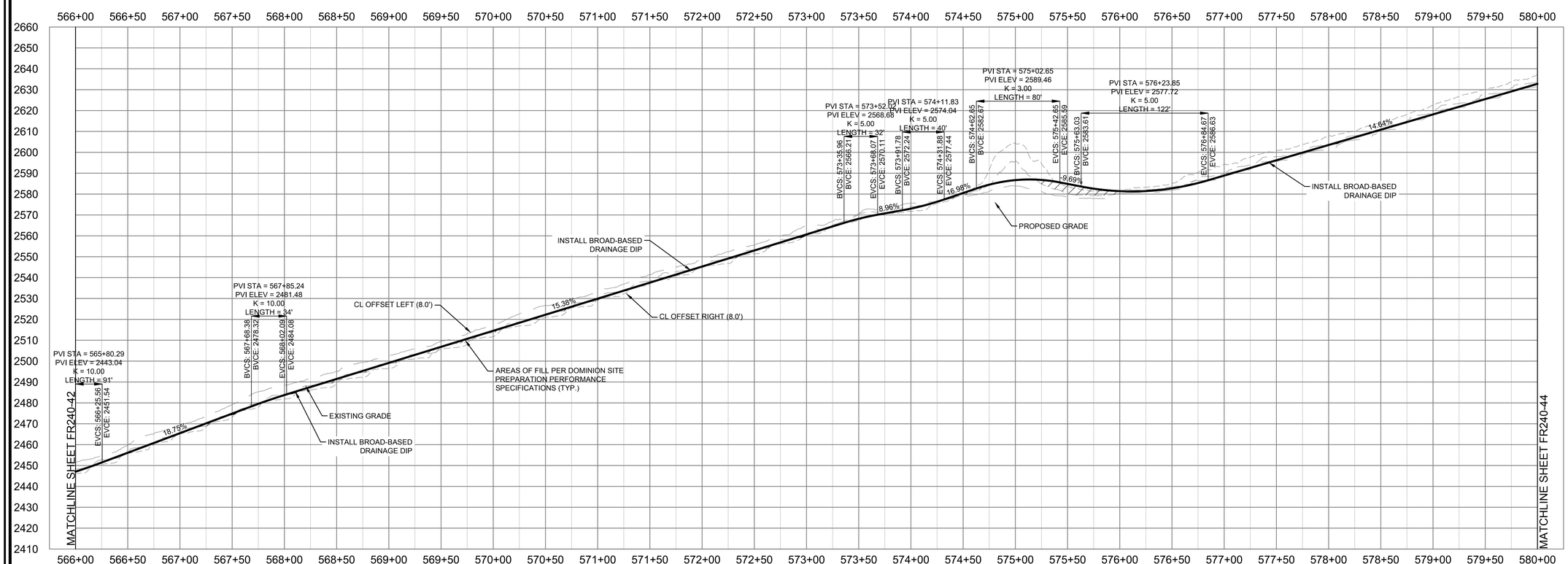


INSTALLATION PLAN



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

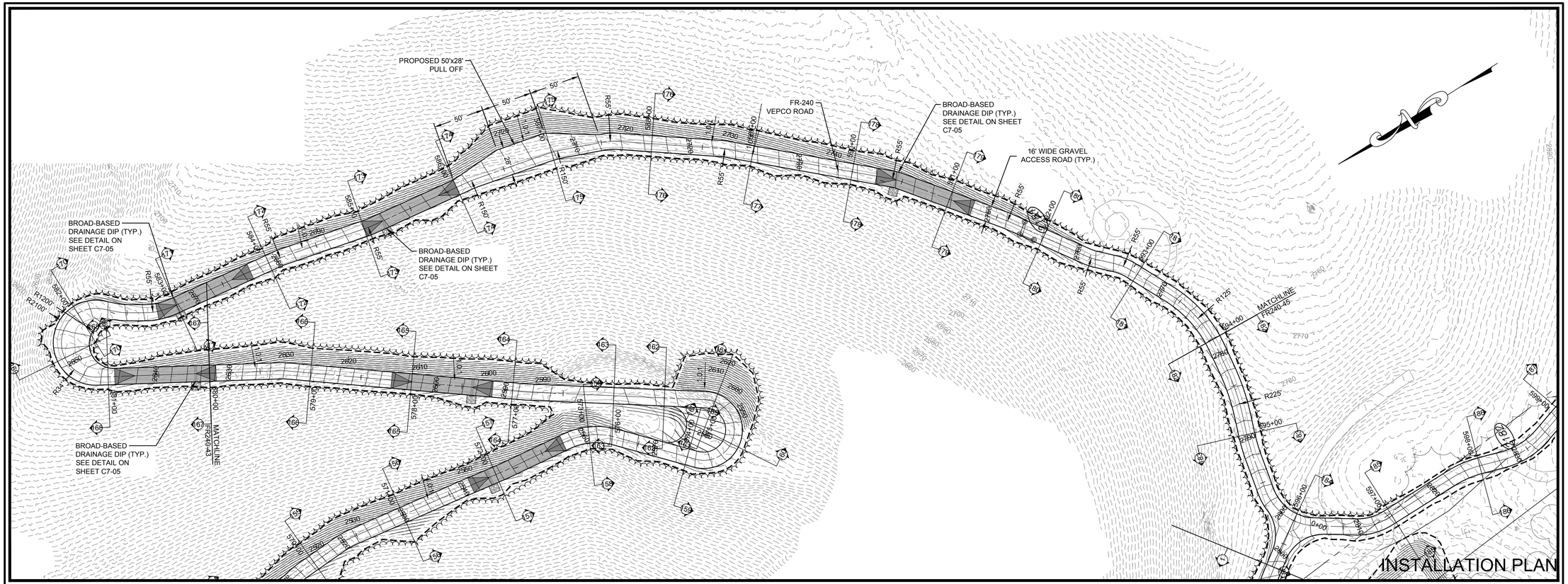
TITLE

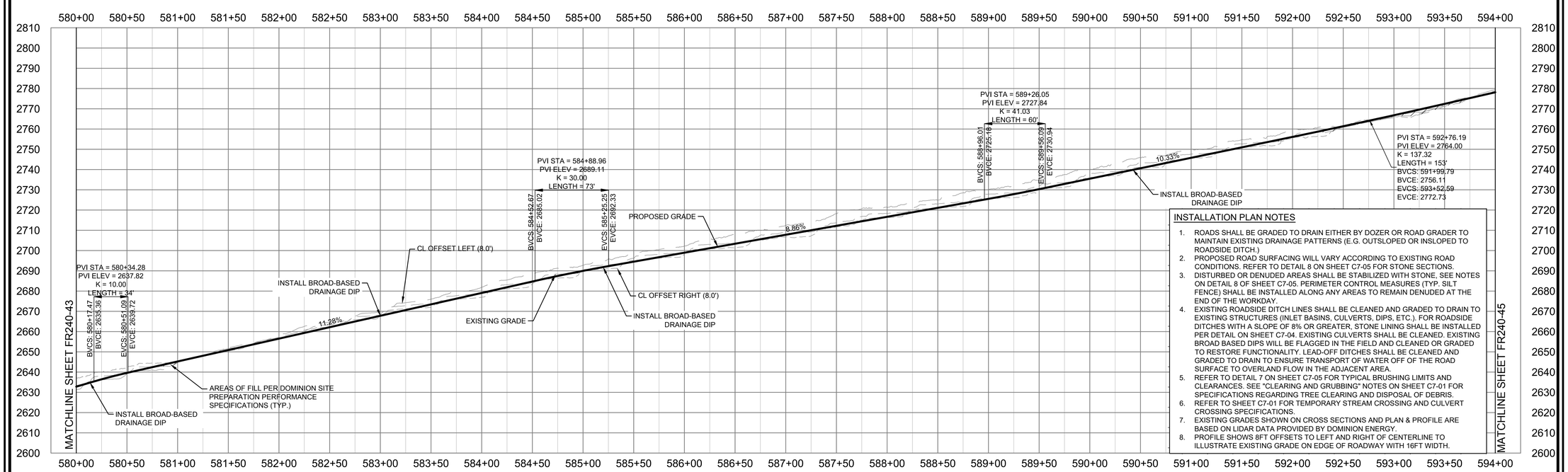
FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-43

SHEET NO.





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Dewberry

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4805 LAKE BROOK DRIVE
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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

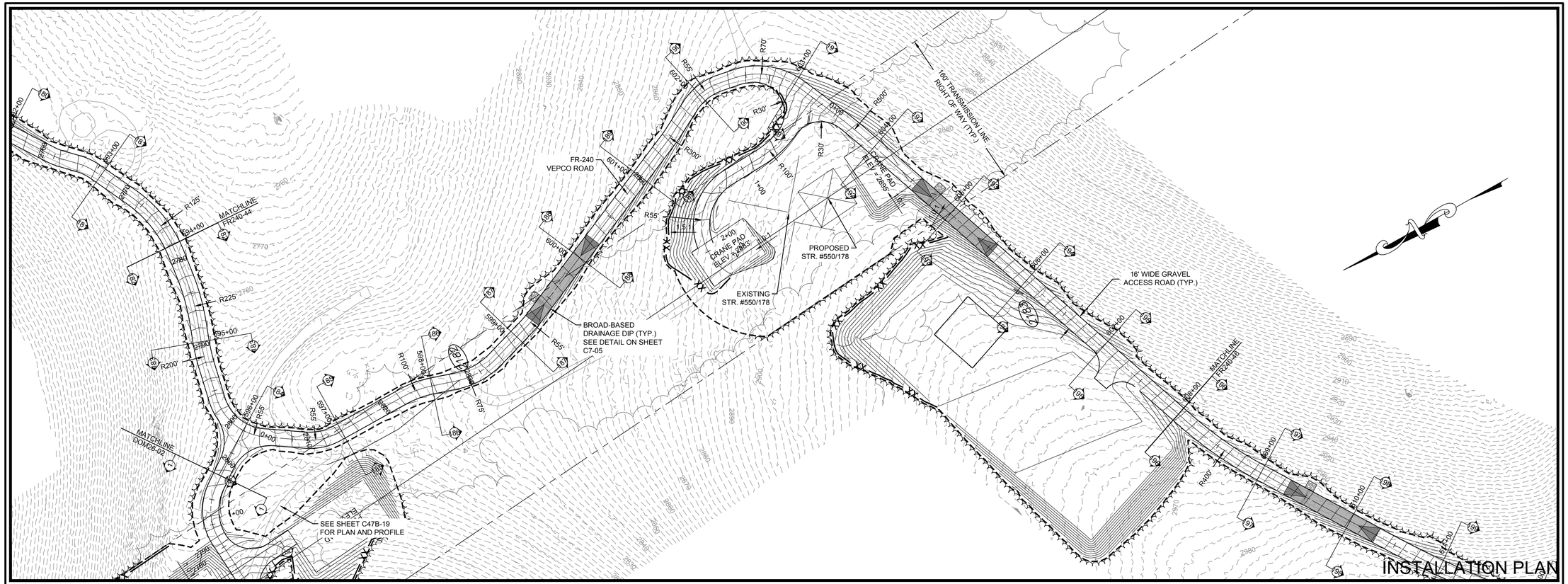
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-44

SHEET NO.



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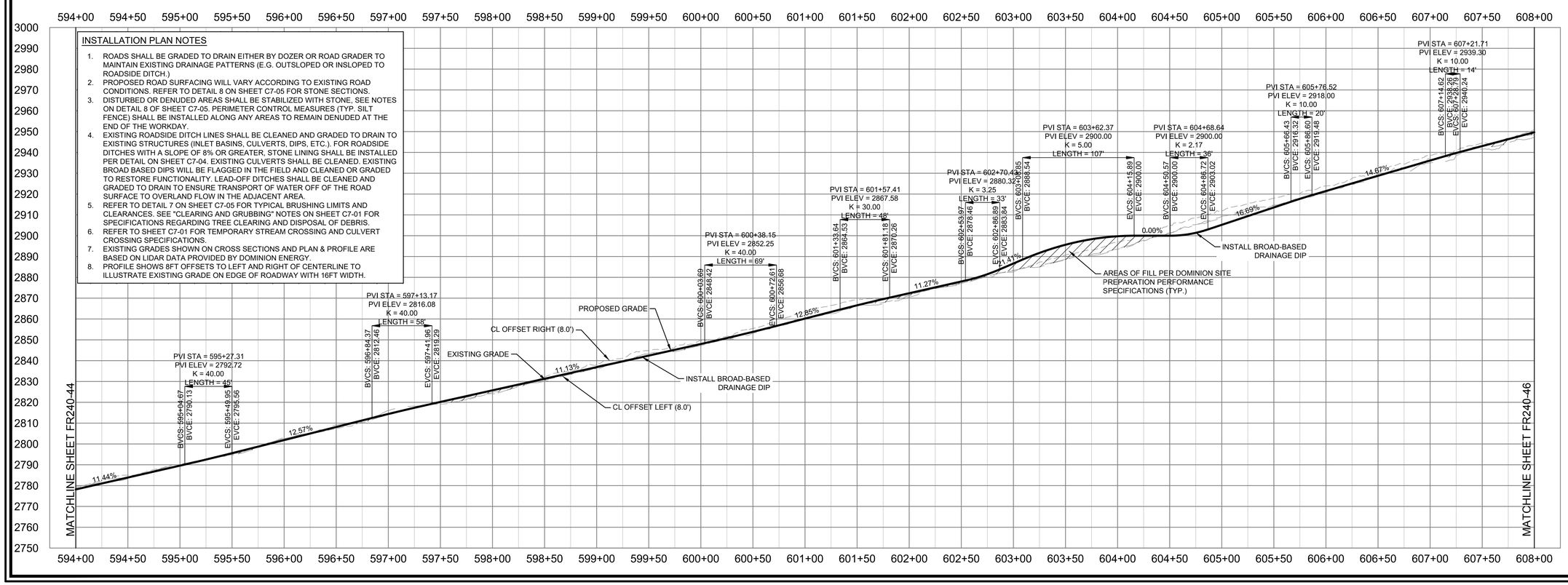

Dewberry

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

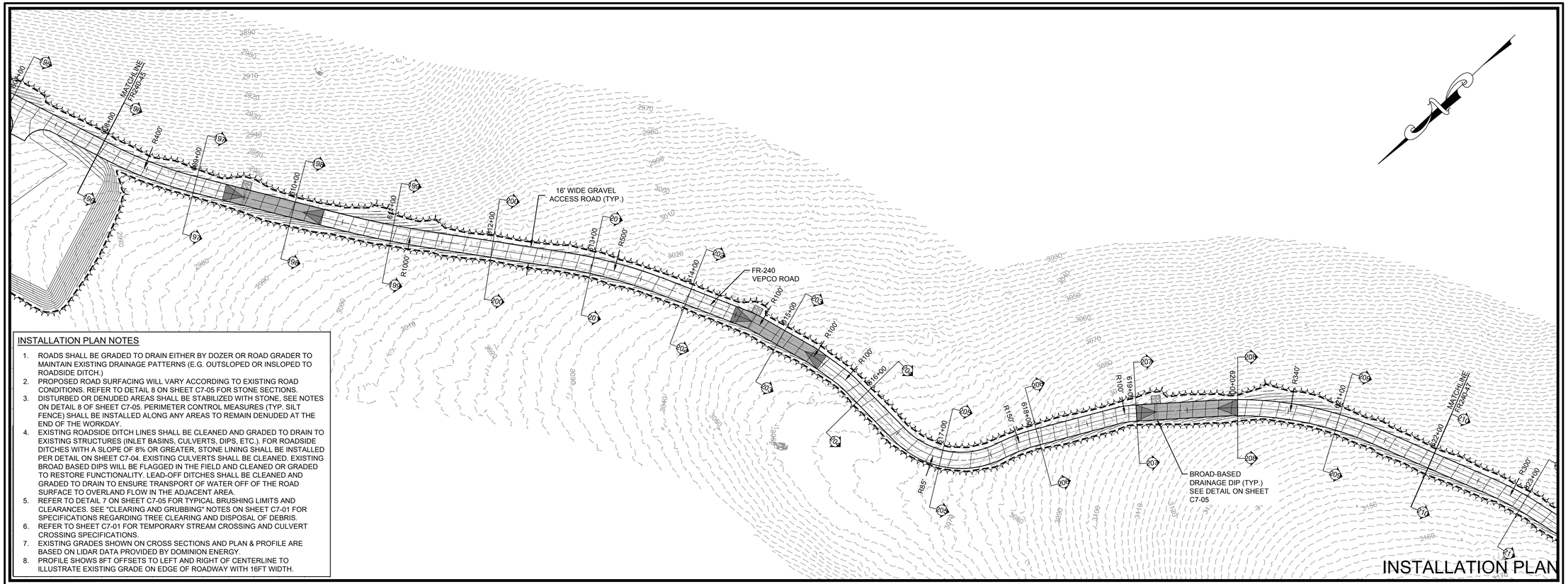
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-45

SHEET NO.



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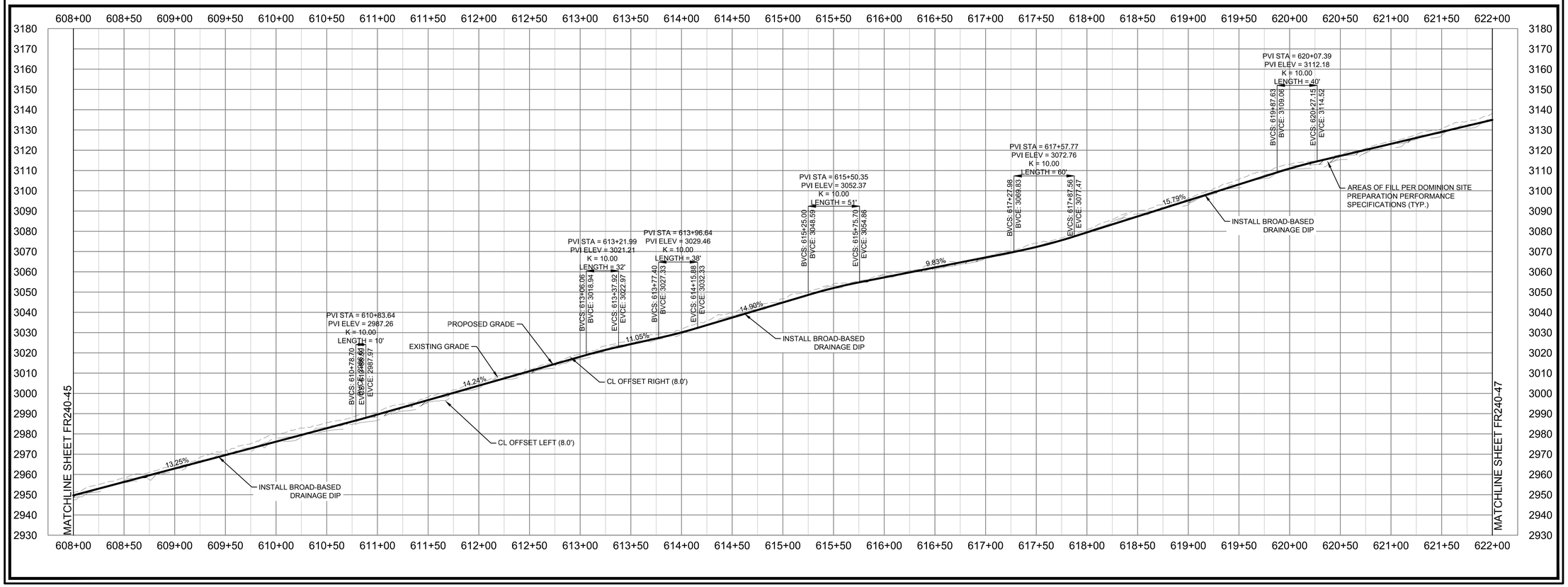
INSTALLATION PLAN



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-46

SHEET NO.

INSTALLATION PLAN NOTES

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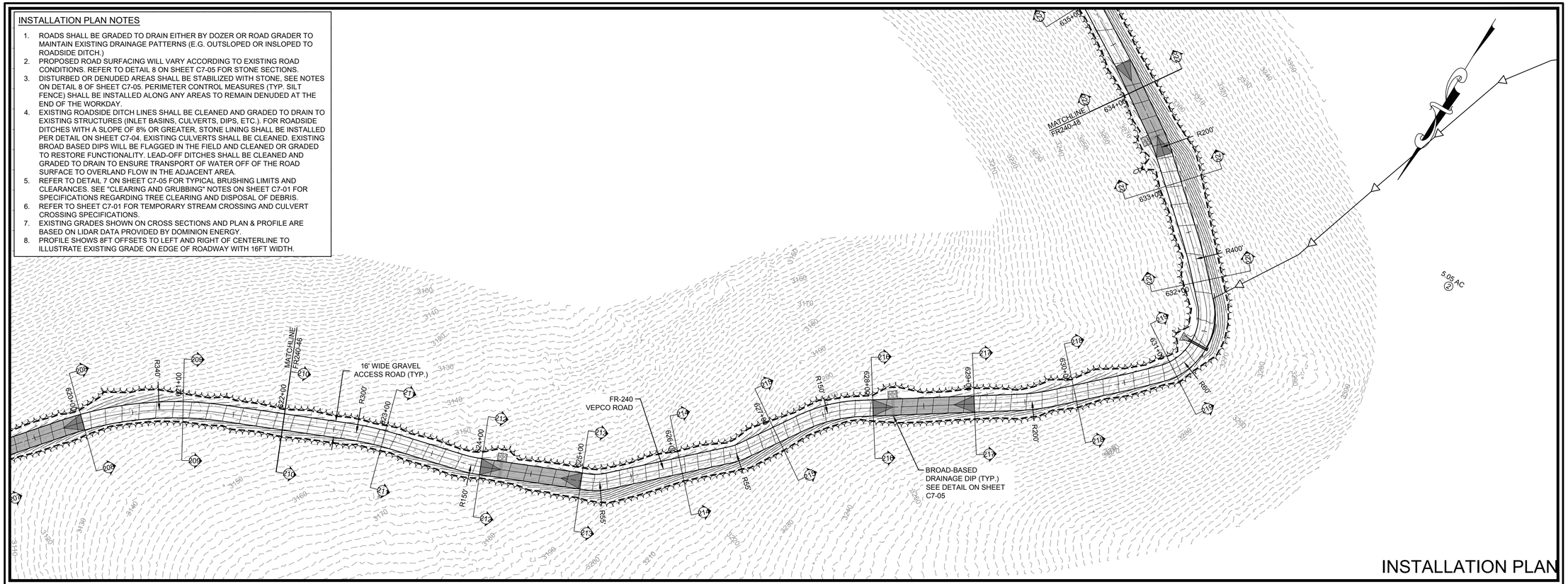
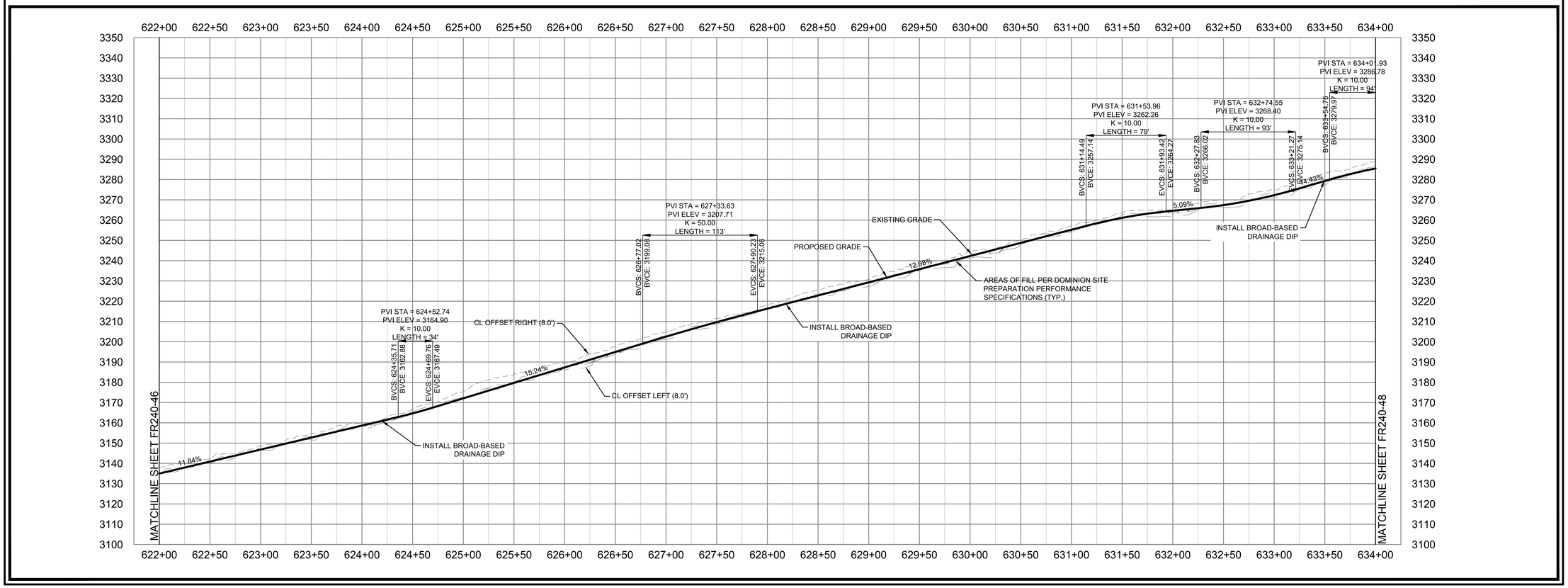


INSTALLATION PLAN



Dewberry

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804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

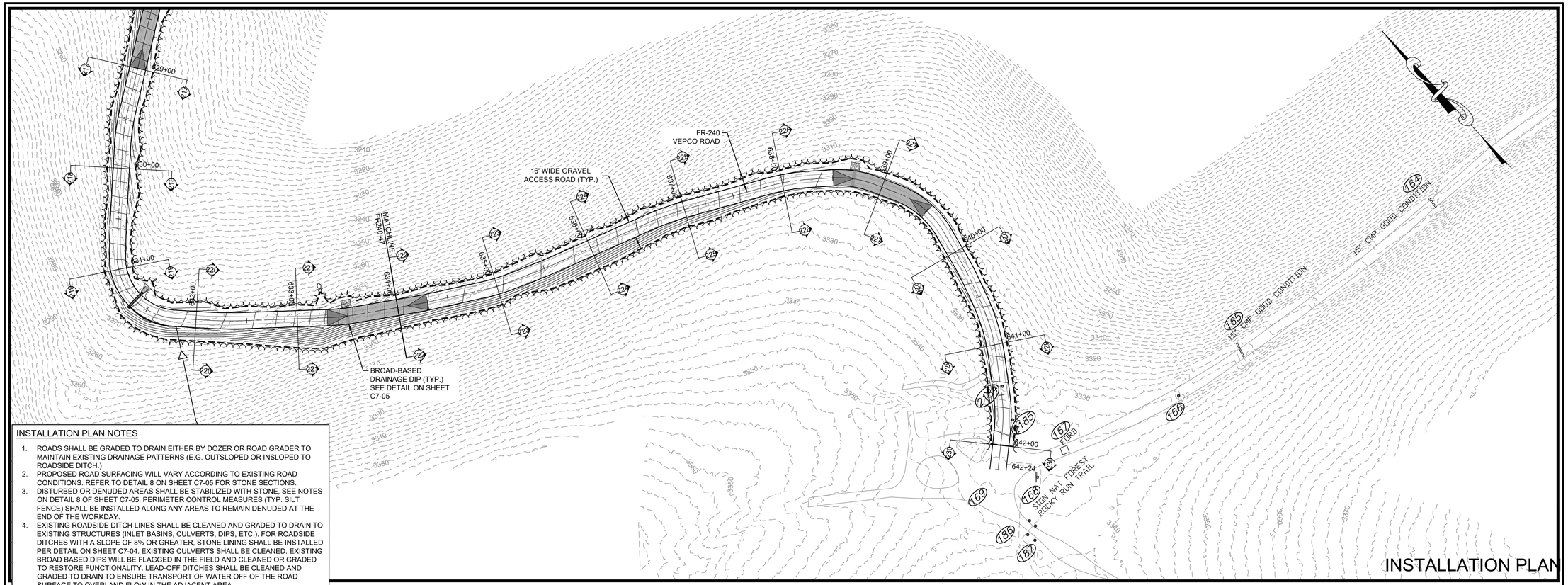
TITLE

FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

FR240-47

SHEET NO.



INSTALLATION PLAN

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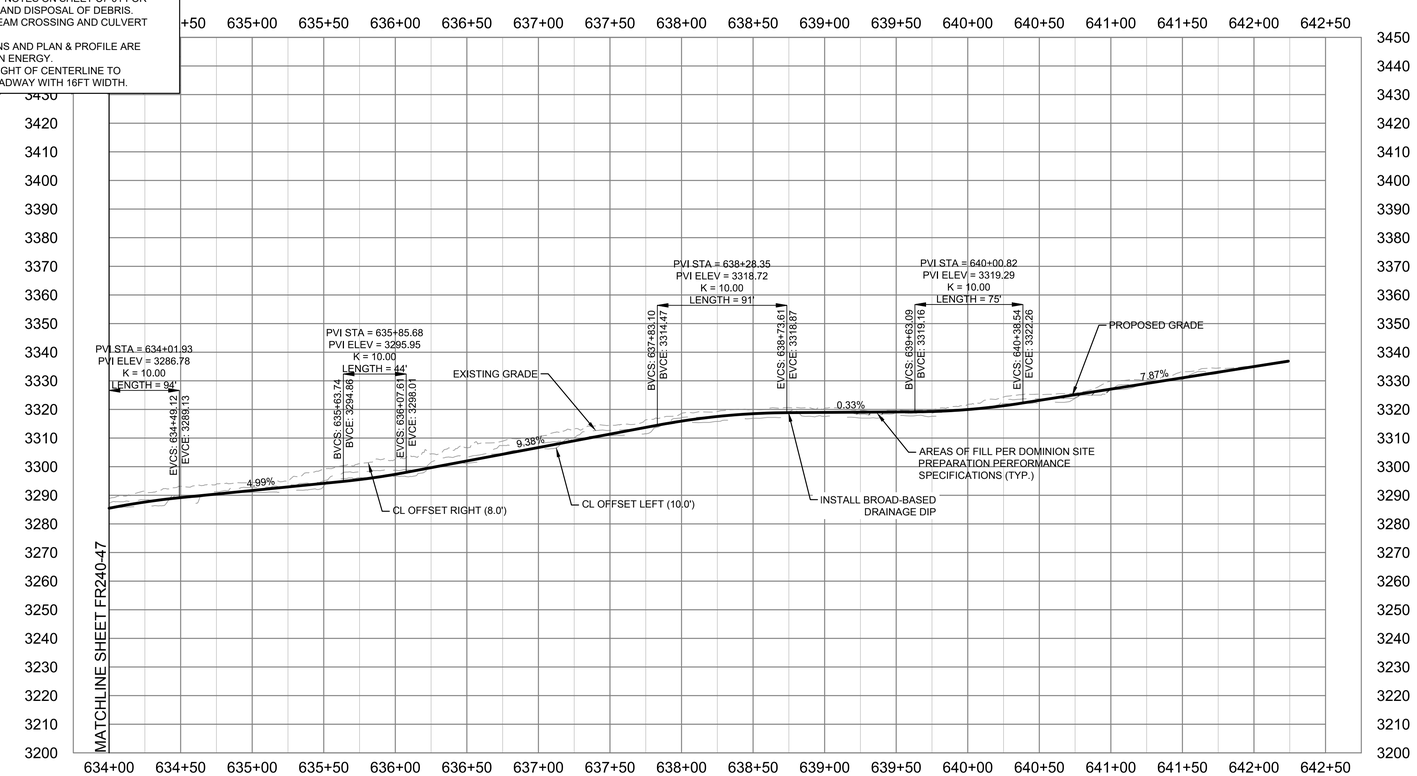
2. PROPOSED ROAD SURFACING WILL VARY ACCORDING TO EXISTING ROAD CONDITIONS. REFER TO DETAIL 8 ON SHEET C7-05 FOR STONE SECTIONS.
3. DISTURBED OR DENUDED AREAS SHALL BE STABILIZED WITH STONE, SEE NOTES ON DETAIL 8 OF SHEET C7-05. PERIMETER CONTROL MEASURES (TYP. SILT FENCE) SHALL BE INSTALLED ALONG ANY AREAS TO REMAIN DENUDED AT THE END OF THE WORKDAY.
4. EXISTING ROADSIDE DITCH LINES SHALL BE CLEANED AND GRADED TO DRAIN TO EXISTING STRUCTURES (INLET BASINS, CULVERTS, DIPS, ETC.). FOR ROADSIDE DITCHES WITH A SLOPE OF 8% OR GREATER, STONE LINING SHALL BE INSTALLED PER DETAIL ON SHEET C7-04. EXISTING CULVERTS SHALL BE CLEANED. EXISTING BROAD BASED DIPS WILL BE FLAGGED IN THE FIELD AND CLEANED OR GRADED TO RESTORE FUNCTIONALITY. LEAD-OFF DITCHES SHALL BE CLEANED AND GRADED TO DRAIN TO ENSURE TRANSPORT OF WATER OFF OF THE ROAD SURFACE TO OVERLAND FLOW IN THE ADJACENT AREA.
5. REFER TO DETAIL 7 ON SHEET C7-05 FOR TYPICAL BRUSHING LIMITS AND CLEARANCES. SEE "CLEARING AND GRUBBING" NOTES ON SHEET C7-01 FOR SPECIFICATIONS REGARDING TREE CLEARING AND DISPOSAL OF DEBRIS.
6. REFER TO SHEET C7-01 FOR TEMPORARY STREAM CROSSING AND CULVERT CROSSING SPECIFICATIONS.
7. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
8. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.



Dewberry

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804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

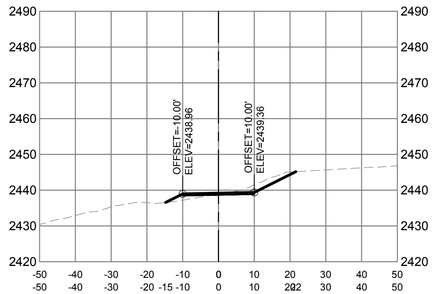
FR-240
VEPCO ROAD
PLAN & PROFILE

PROJECT NO. 50106442

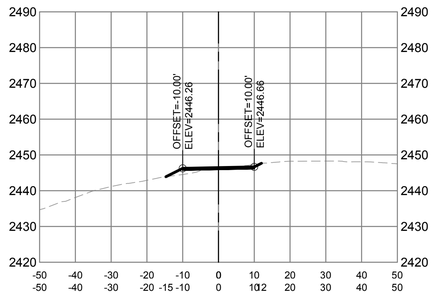
FR240-48

SHEET NO.

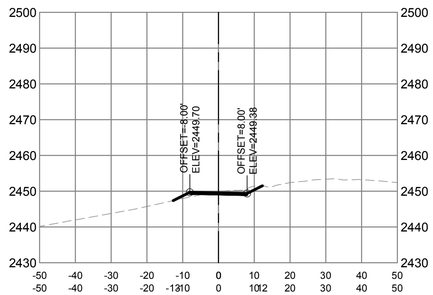
VEPCO ROAD #1, STATION 420+00



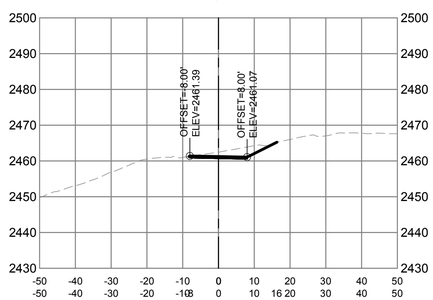
VEPCO ROAD #2, STATION 421+00



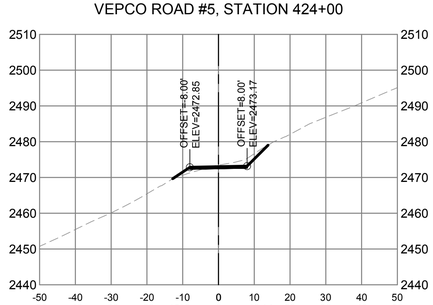
VEPCO ROAD #3, STATION 422+00



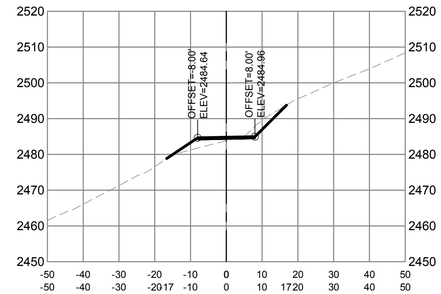
VEPCO ROAD #4, STATION 423+00



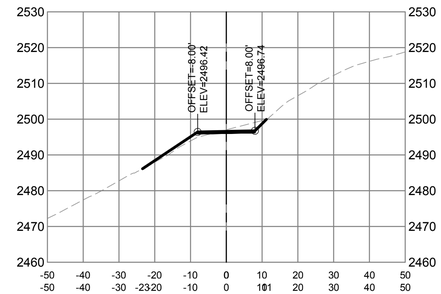
VEPCO ROAD #5, STATION 424+00



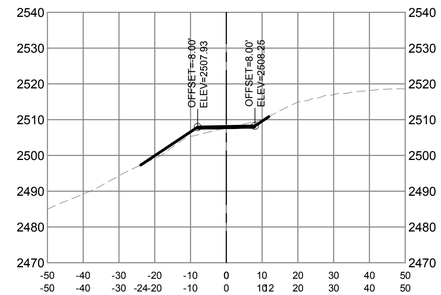
VEPCO ROAD #6, STATION 425+00



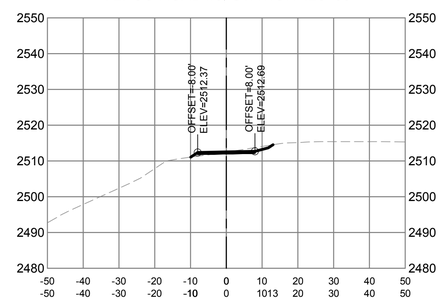
VEPCO ROAD #7, STATION 426+00



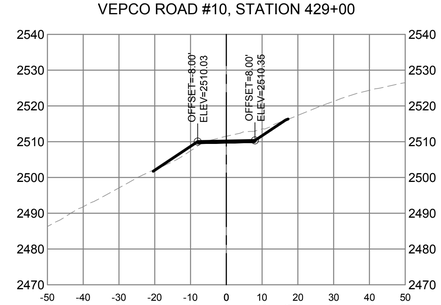
VEPCO ROAD #8, STATION 427+00



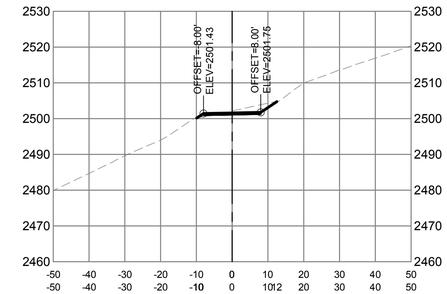
VEPCO ROAD #9, STATION 428+00



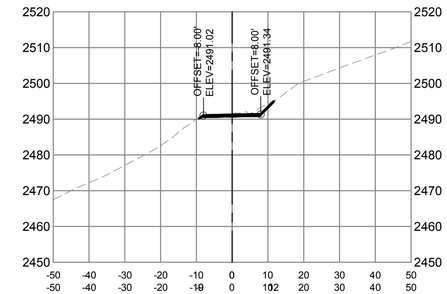
VEPCO ROAD #10, STATION 429+00



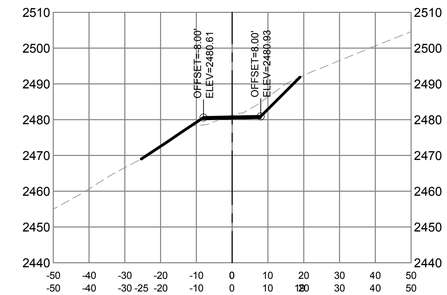
VEPCO ROAD #11, STATION 430+00



VEPCO ROAD #12, STATION 431+00



VEPCO ROAD #13, STATION 432+00



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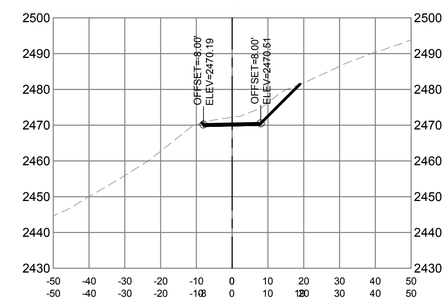
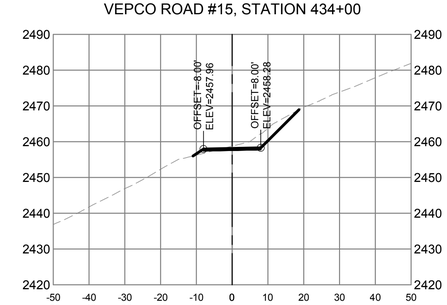


VEPCO ROAD #15, STATION 434+00



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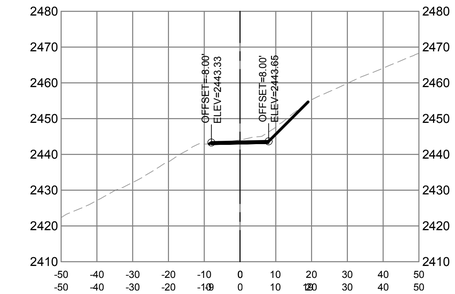

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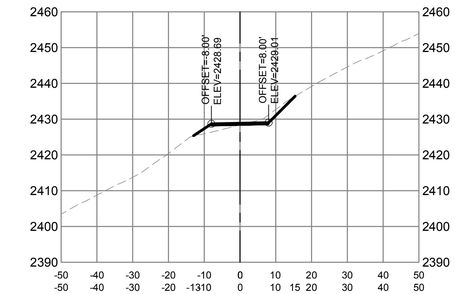

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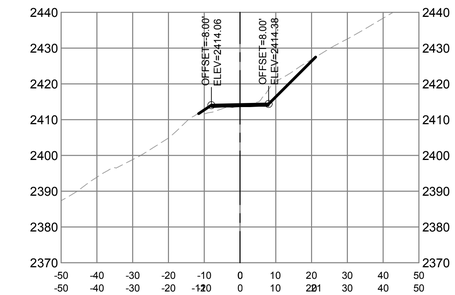

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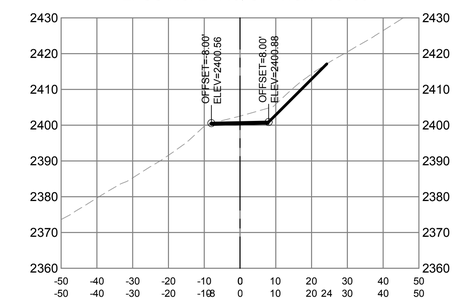
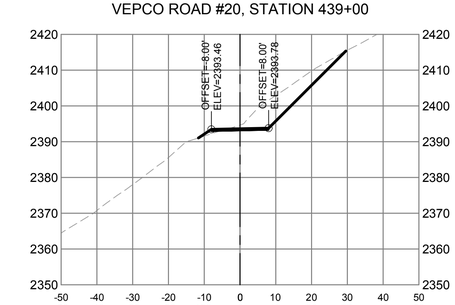


VEPCO ROAD #20, STATION 439+00



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

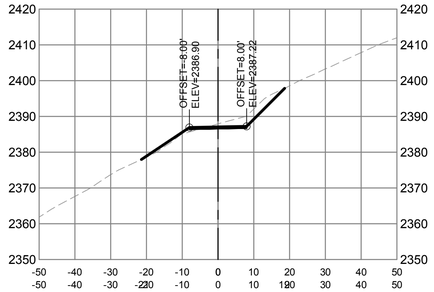
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

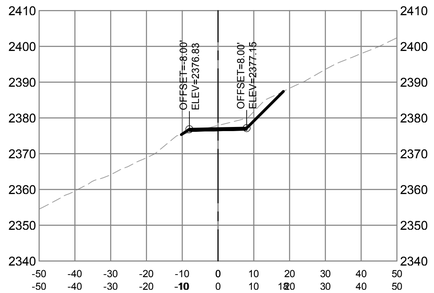
FR240-49

SHEET NO.

VEPCO ROAD #21, STATION 440+00



VEPCO ROAD #22, STATION 441+00



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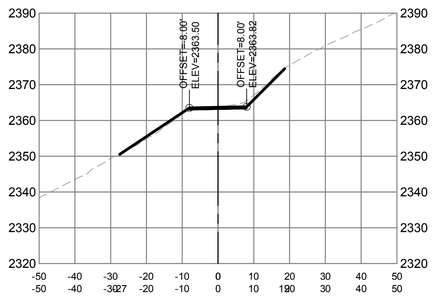

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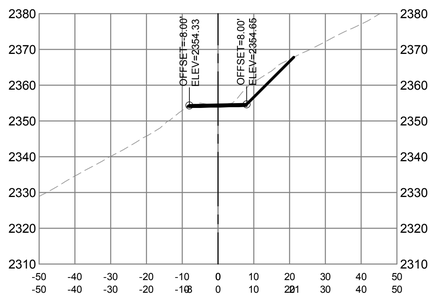

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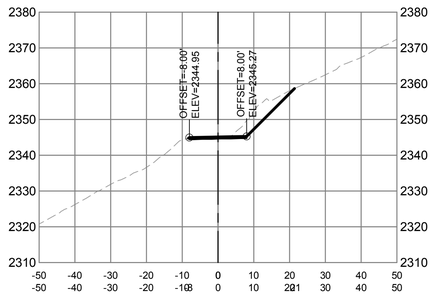
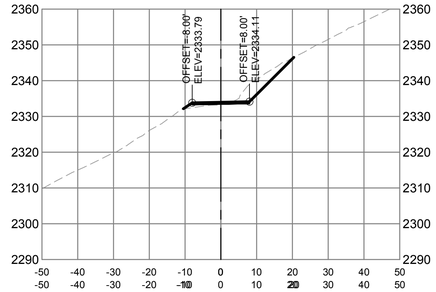


VEPCO ROAD #26, STATION 445+00



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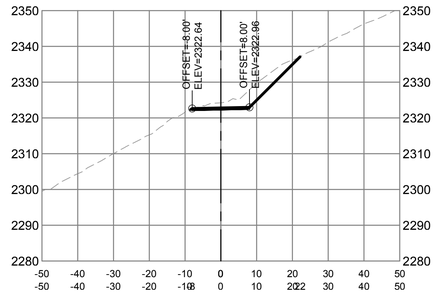
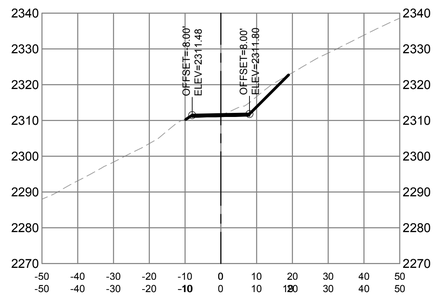


VEPCO ROAD #28, STATION 447+00



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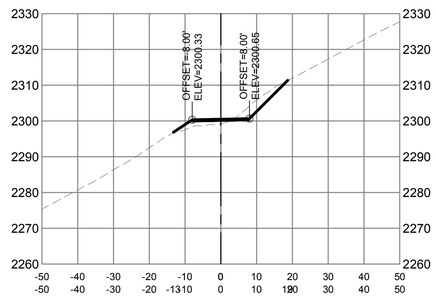

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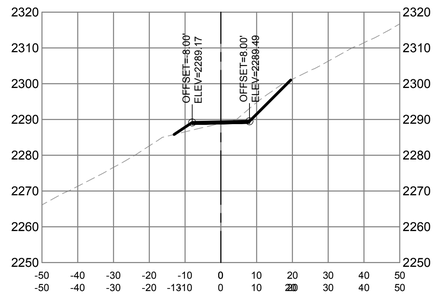
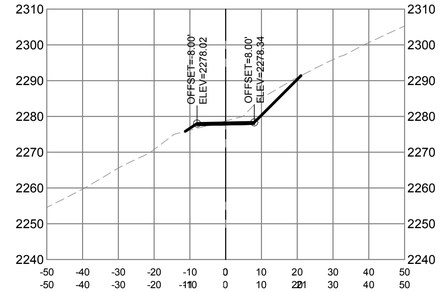
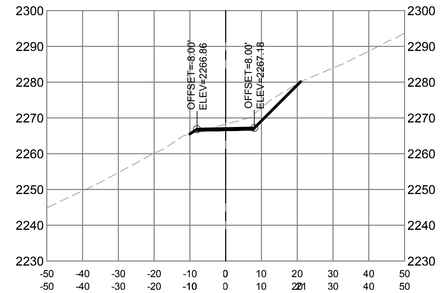


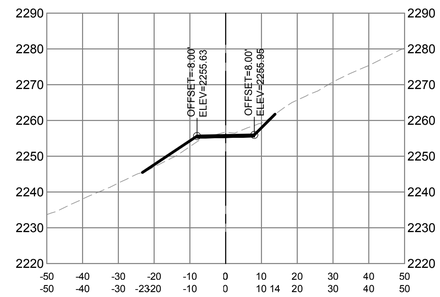
VEPCO ROAD #31, STATION 450+00



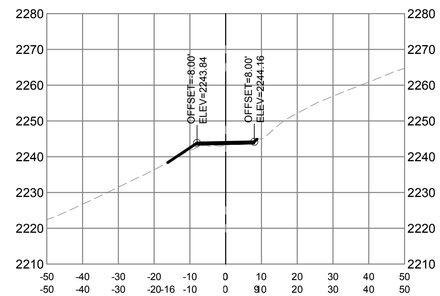
VEPCO ROAD #32, STATION 451+00



VEPCO ROAD #33, STATION 452+00



VEPCO ROAD #34, STATION 453+00



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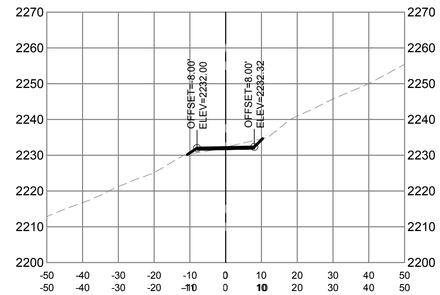
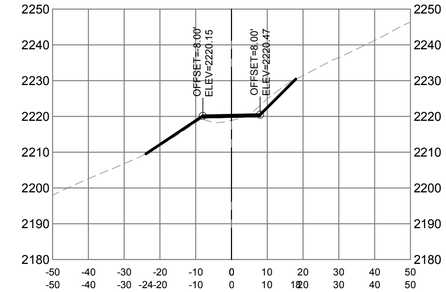
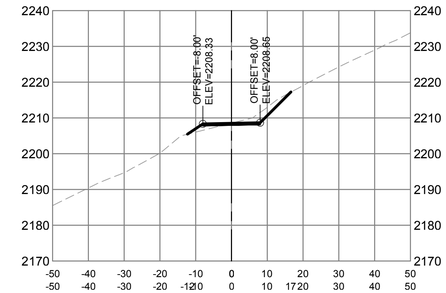


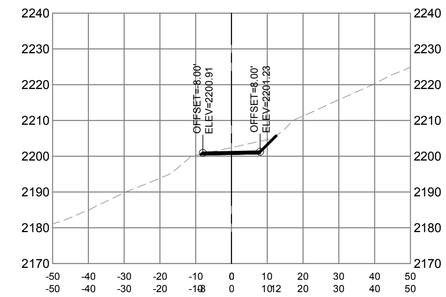
VEPCO ROAD #36, STATION 455+00



VEPCO ROAD #37, STATION 456+00



VEPCO ROAD #38, STATION 457+00



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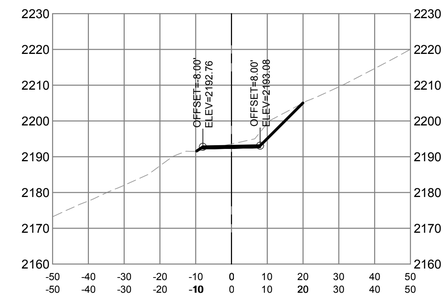
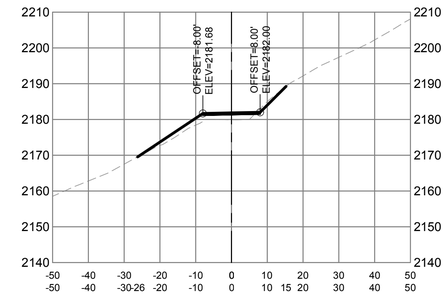


VEPCO ROAD #40, STATION 459+00



Dewberry

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

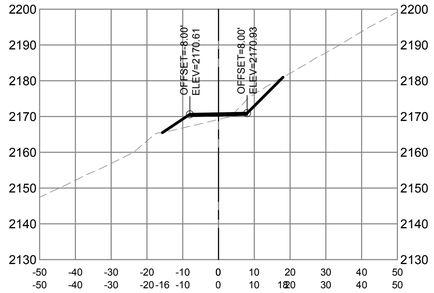
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

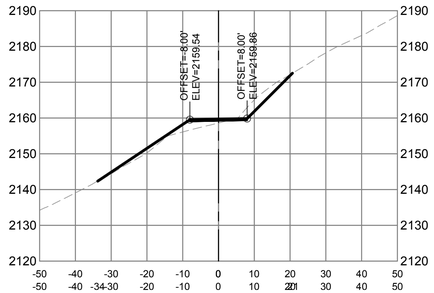
FR240-50

SHEET NO.

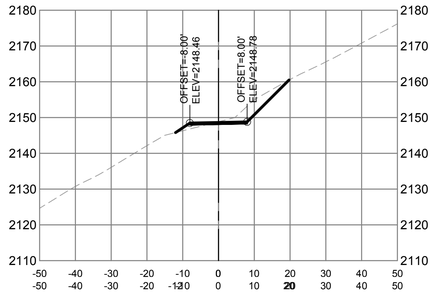
VEPCO ROAD #41, STATION 460+00



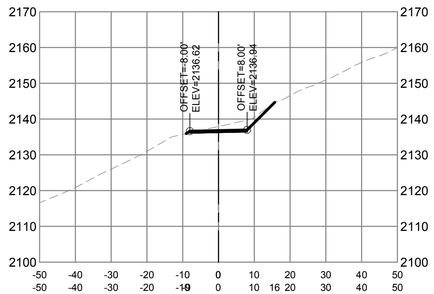
VEPCO ROAD #42, STATION 461+00



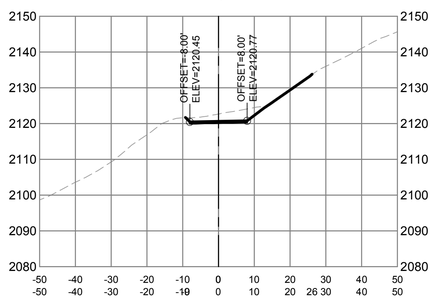
VEPCO ROAD #43, STATION 462+00



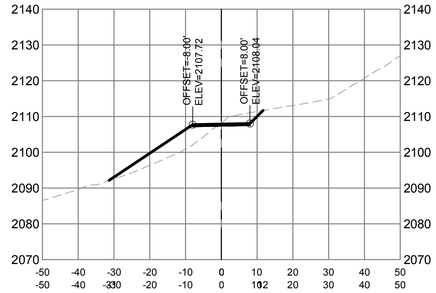
VEPCO ROAD #44, STATION 463+00



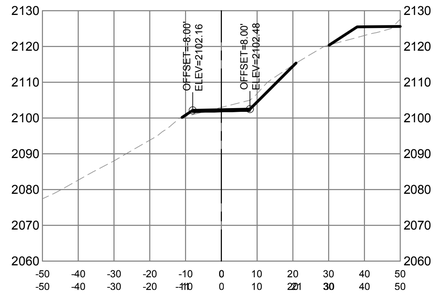
VEPCO ROAD #45, STATION 464+00



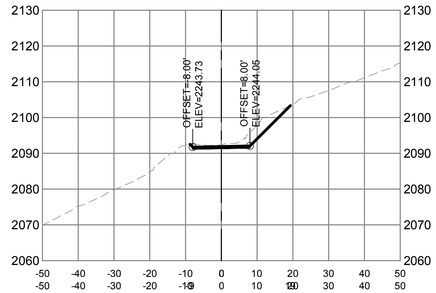
VEPCO ROAD #46, STATION 465+00



VEPCO ROAD #47, STATION 466+00



VEPCO ROAD #48, STATION 467+00



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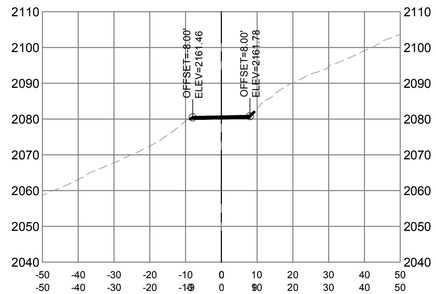
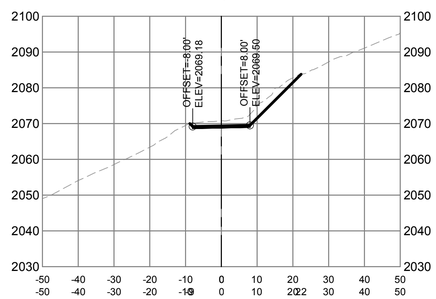


VEPCO ROAD #50, STATION 469+00



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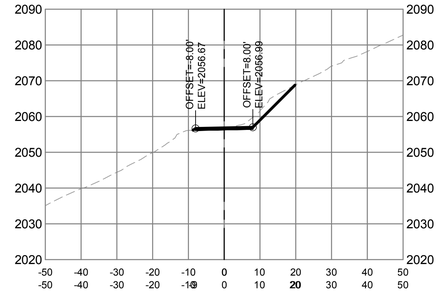
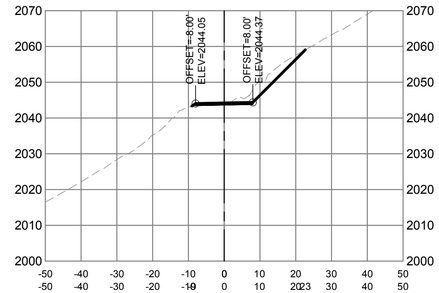


VEPCO ROAD #52, STATION 471+00



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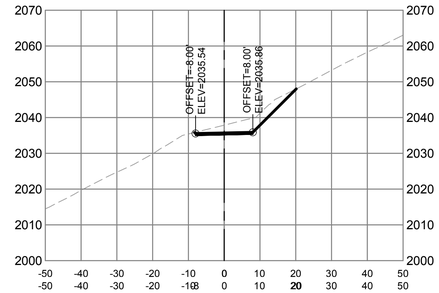

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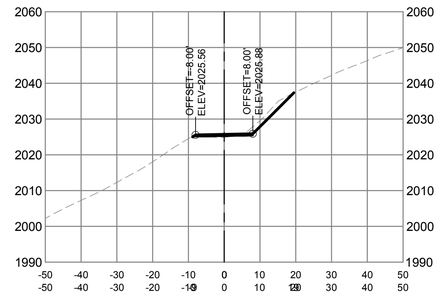
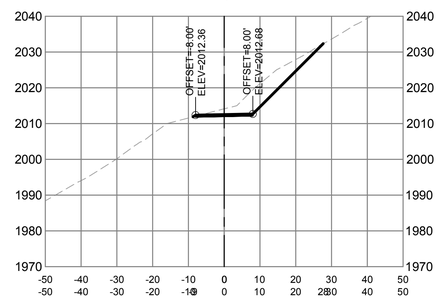


VEPCO ROAD #55, STATION 474+00



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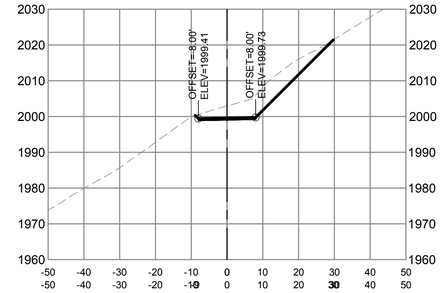

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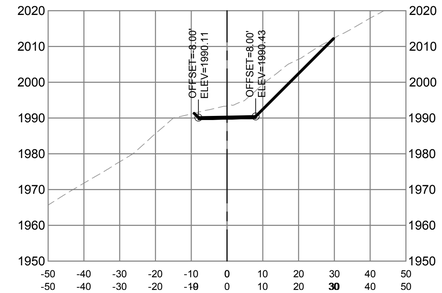

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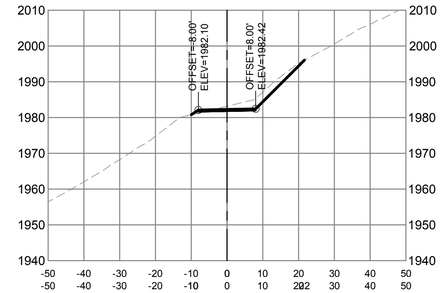

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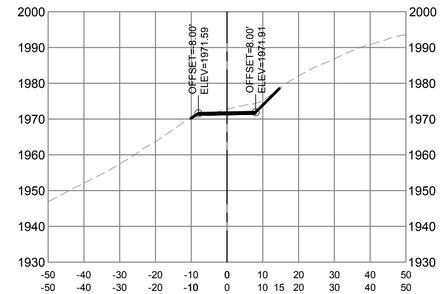

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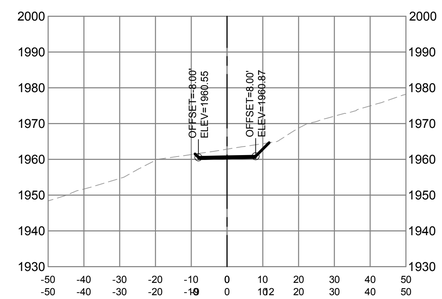

Dewberry

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

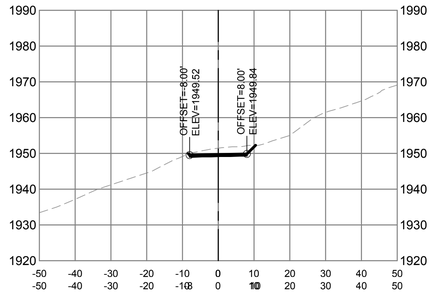
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

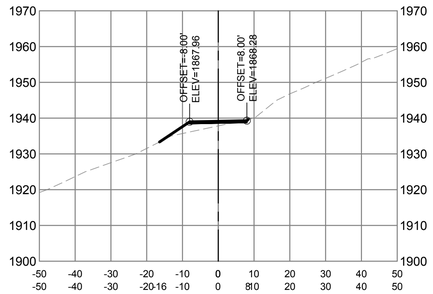
FR240-51

SHEET NO.

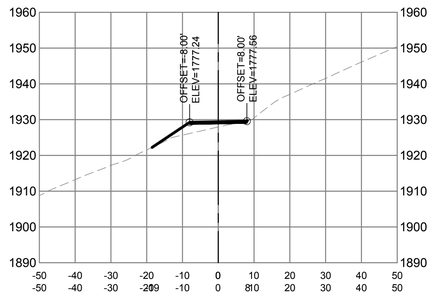
VEPCO ROAD #61, STATION 480+00



VEPCO ROAD #62, STATION 481+00



VEPCO ROAD #63, STATION 482+00



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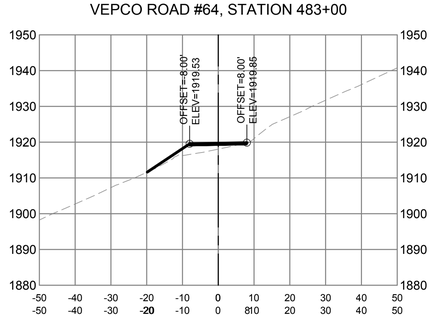

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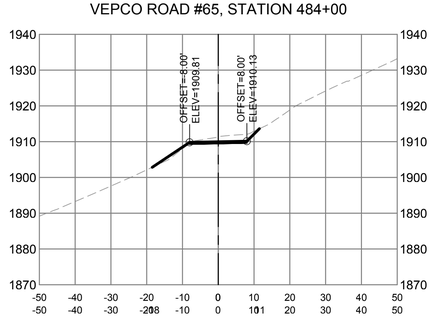

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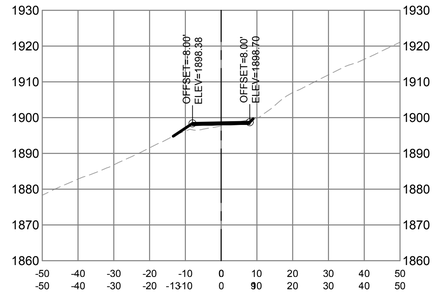
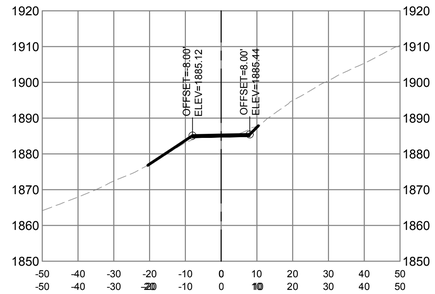
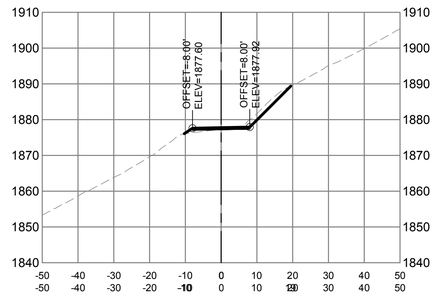


VEPCO ROAD #67, STATION 486+00



VEPCO ROAD #68, STATION 487+00



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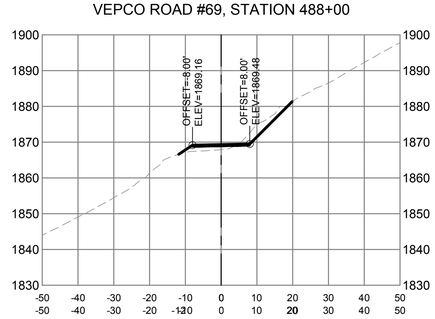

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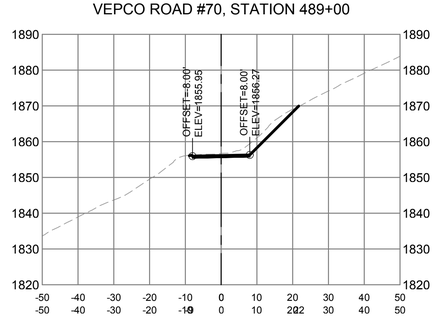

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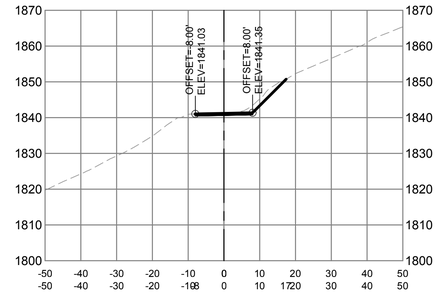

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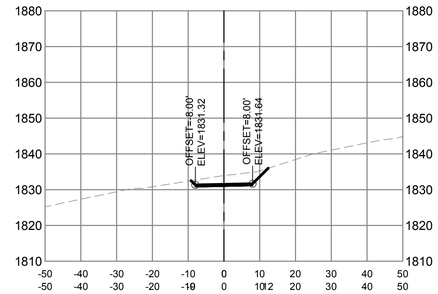

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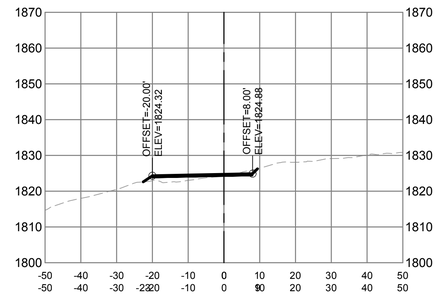

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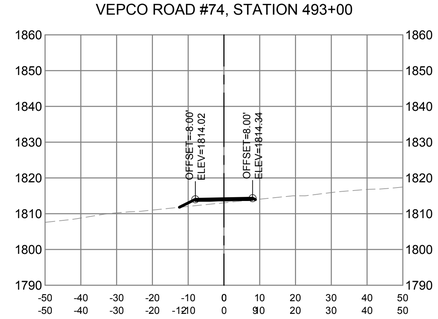

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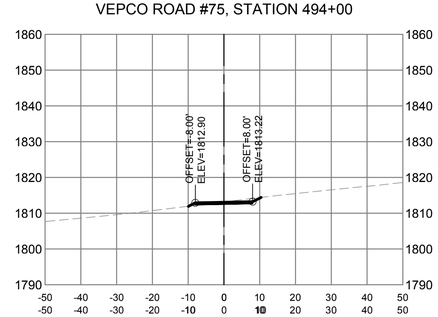

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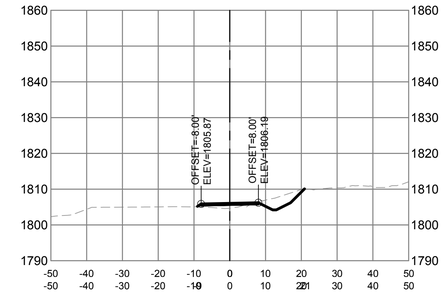

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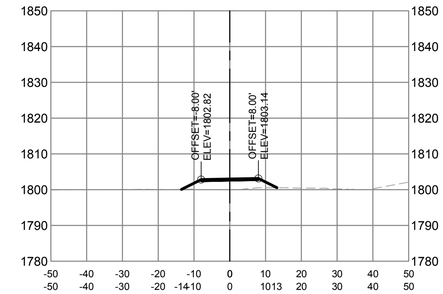

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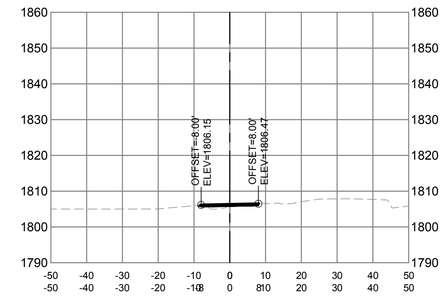

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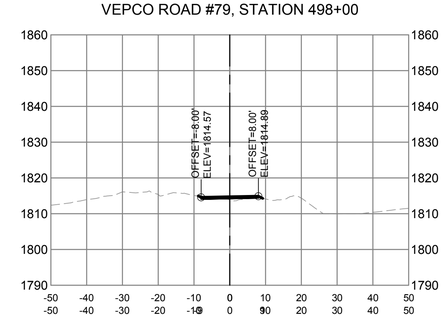

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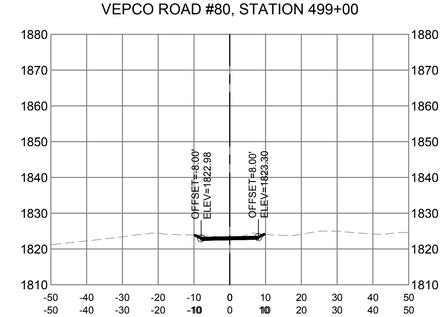

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

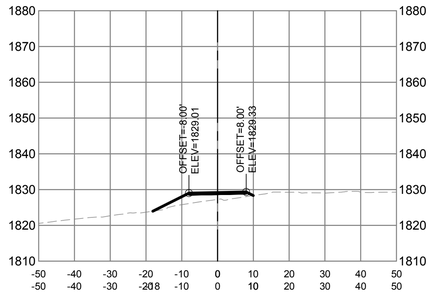
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

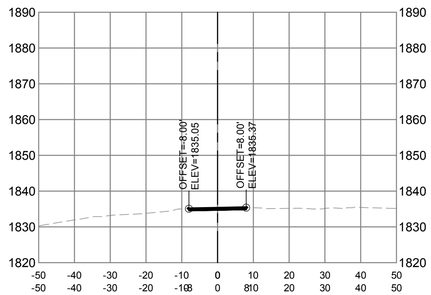
FR240-52

SHEET NO.

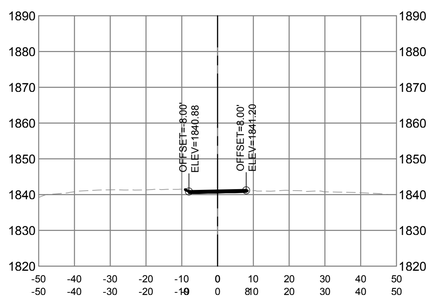
VEPCO ROAD #81, STATION 500+00



VEPCO ROAD #82, STATION 501+00



VEPCO ROAD #83, STATION 502+00



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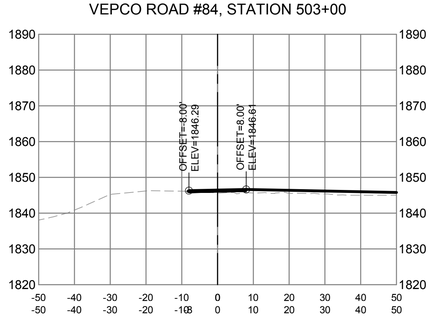

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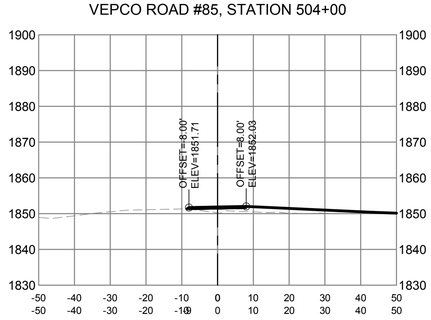
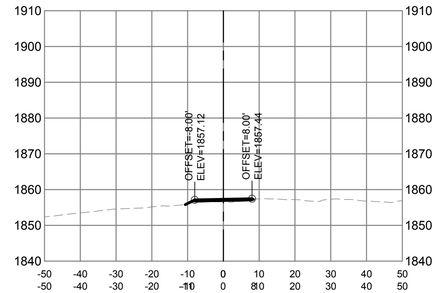
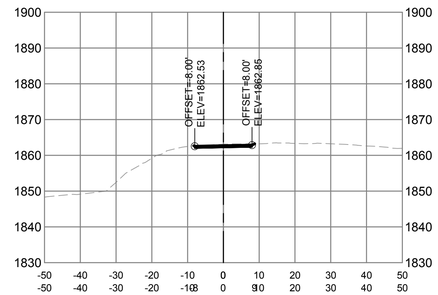


VEPCO ROAD #86, STATION 505+00



VEPCO ROAD #87, STATION 506+00



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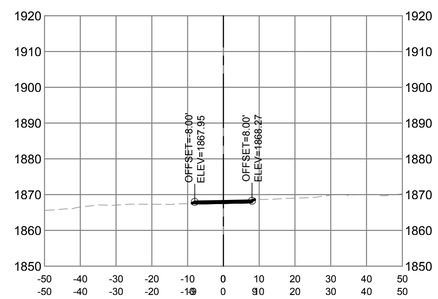

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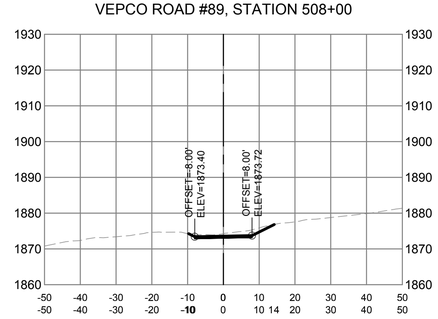

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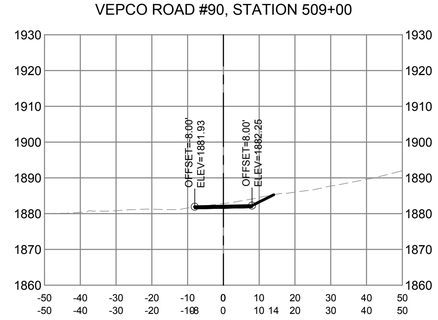
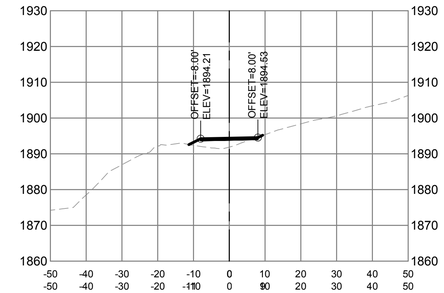


VEPCO ROAD #91, STATION 510+00



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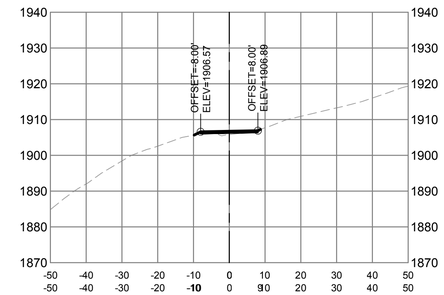
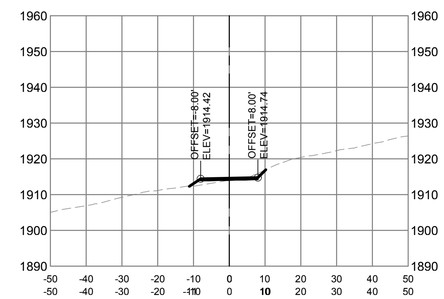
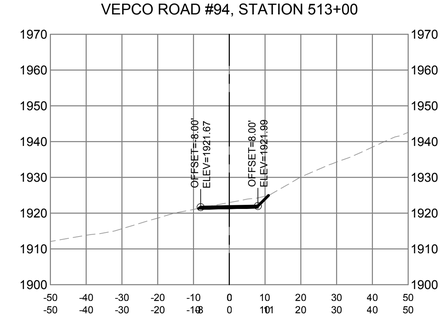


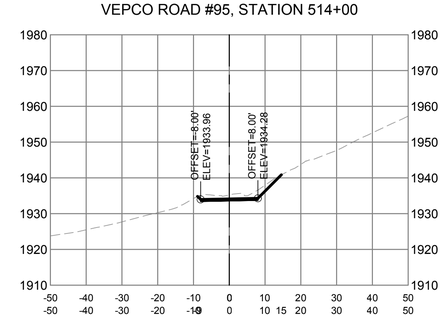
VEPCO ROAD #93, STATION 512+00



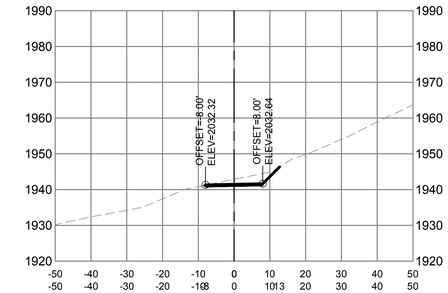
VEPCO ROAD #94, STATION 513+00



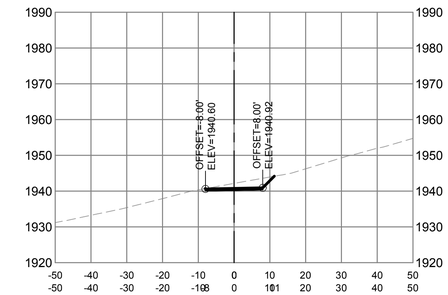
VEPCO ROAD #95, STATION 514+00



VEPCO ROAD #96, STATION 515+00



VEPCO ROAD #97, STATION 516+00



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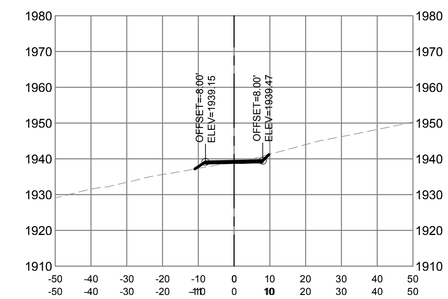
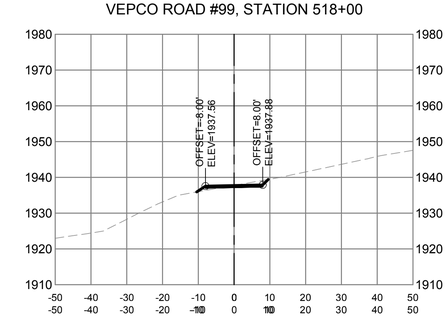
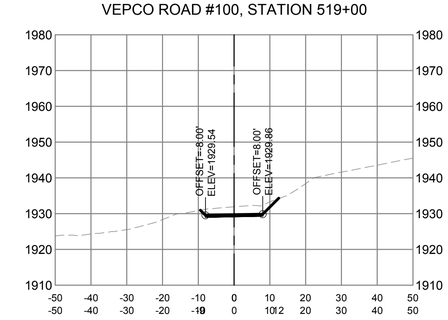


VEPCO ROAD #99, STATION 518+00



VEPCO ROAD #100, STATION 519+00



Dewberry

Dewberry Engineers Inc.
4805 LAKE BROOK DRIVE
SUITE 200
GLEN ALLEN, VA 23060
804.290.7957 (PHONE)
804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

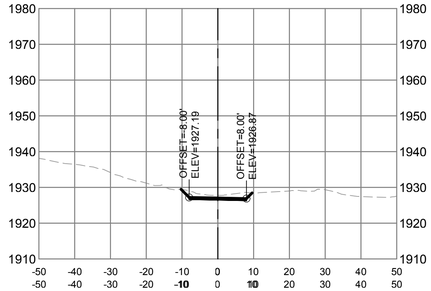
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

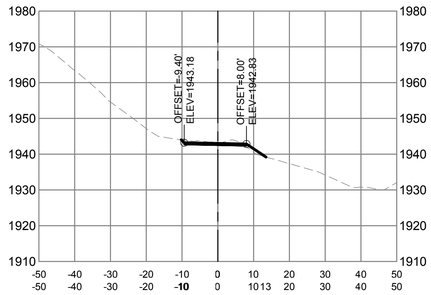
FR240-53

SHEET NO.

VEPCO ROAD #101, STATION 520+00



VEPCO ROAD #102, STATION 521+00



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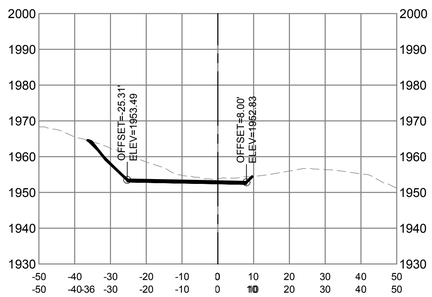
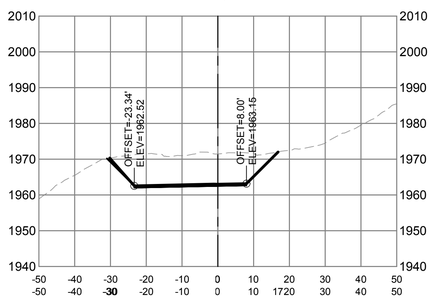
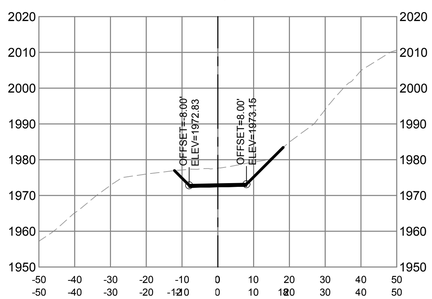


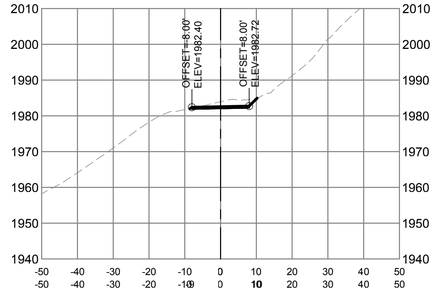
VEPCO ROAD #104, STATION 522+00



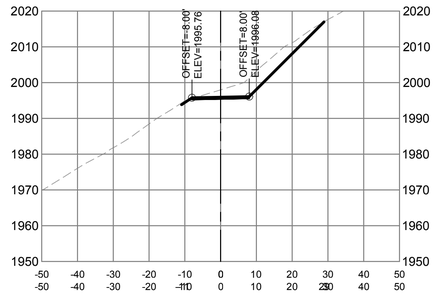
VEPCO ROAD #105, STATION 522+50



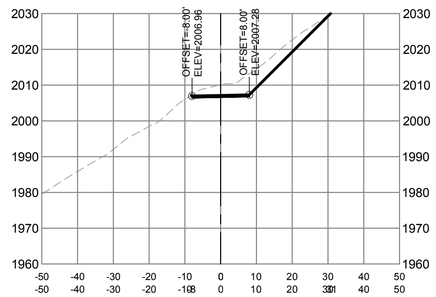
VEPCO ROAD #106, STATION 523+00



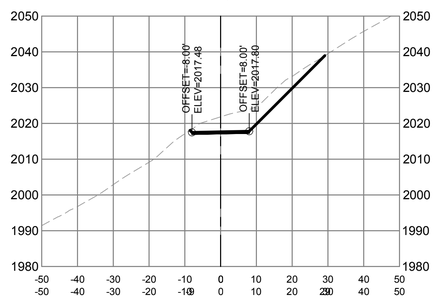
VEPCO ROAD #107, STATION 524+00



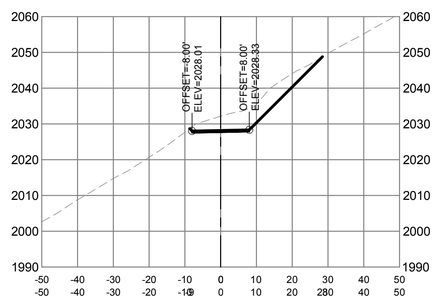
VEPCO ROAD #108, STATION 525+00



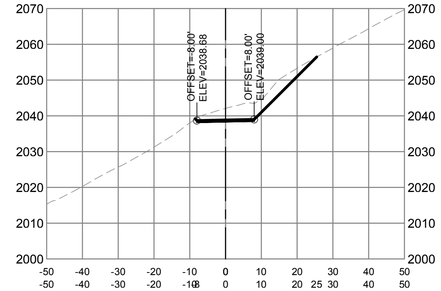
VEPCO ROAD #109, STATION 526+00



VEPCO ROAD #110, STATION 527+00



VEPCO ROAD #111, STATION 528+00



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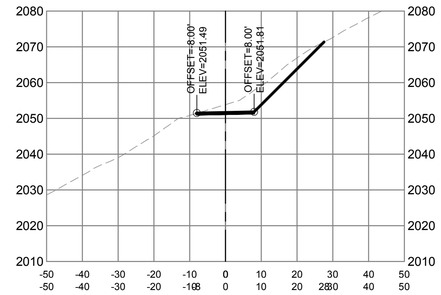
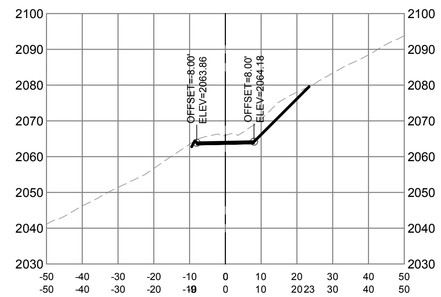
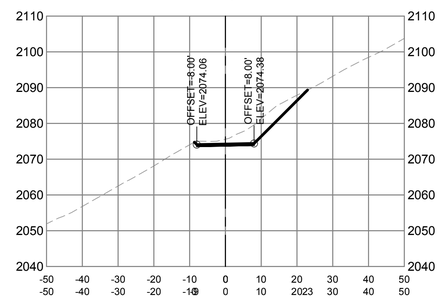


VEPCO ROAD #113, STATION 530+00



VEPCO ROAD #114, STATION 531+00



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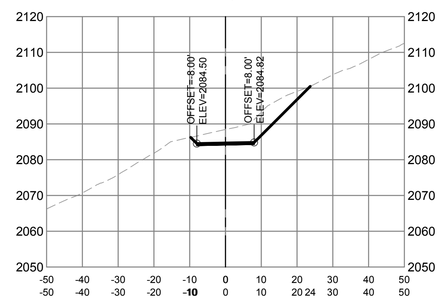
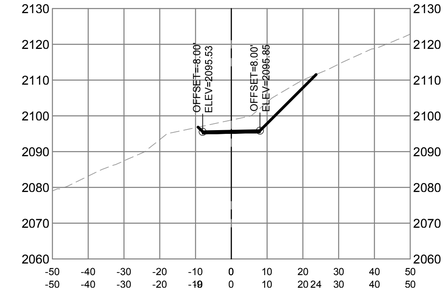
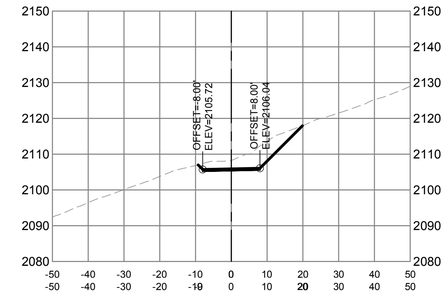


VEPCO ROAD #116, STATION 533+00



VEPCO ROAD #117, STATION 534+00



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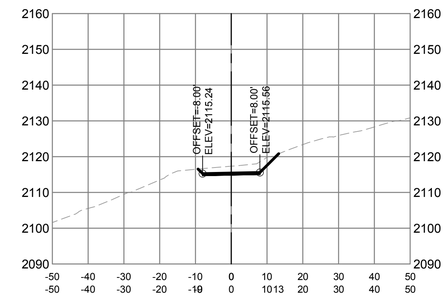
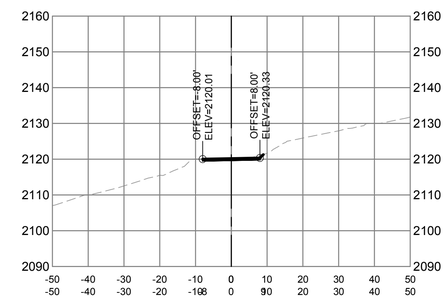


VEPCO ROAD #119, STATION 535+50



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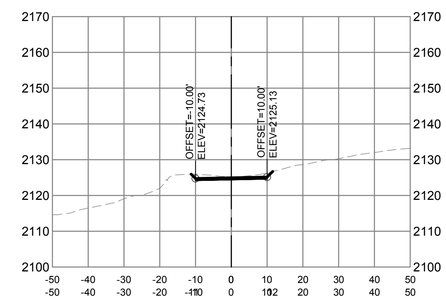

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

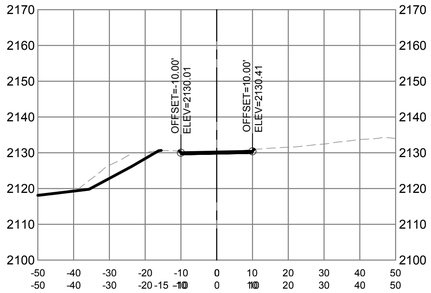
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

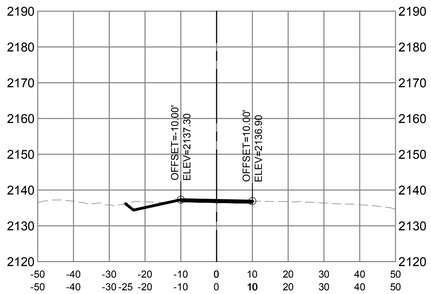
FR240-54

SHEET NO.

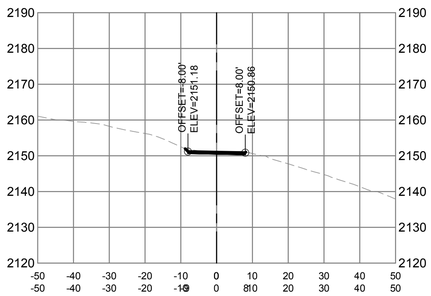
VEPCO ROAD #121, STATION 536+50



VEPCO ROAD #122, STATION 537+00



VEPCO ROAD #123, STATION 538+00



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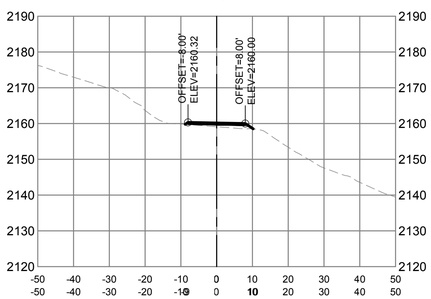

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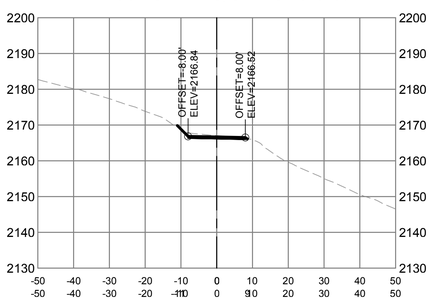

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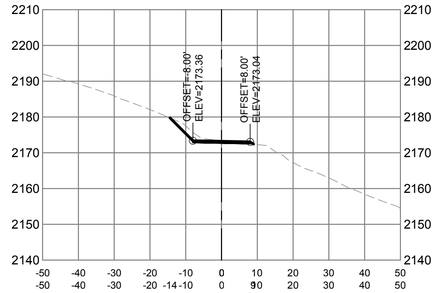

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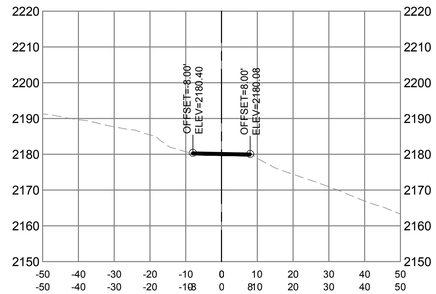

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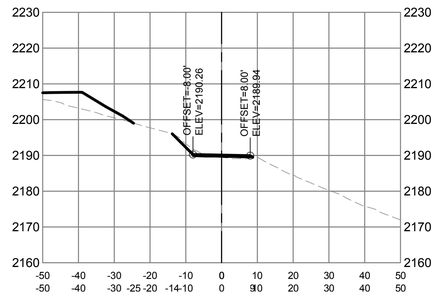

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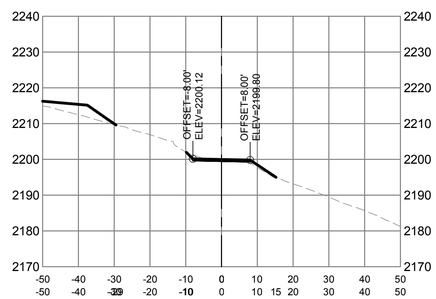

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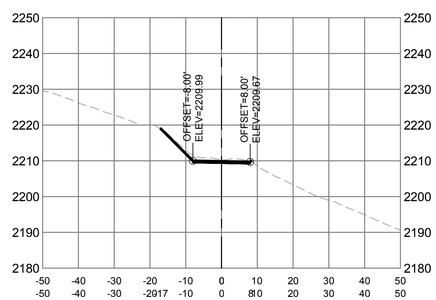

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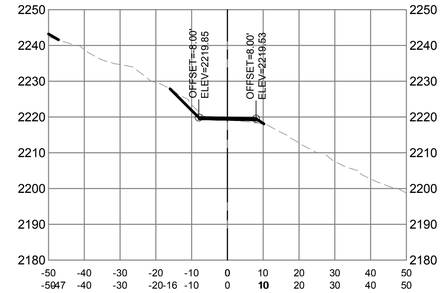

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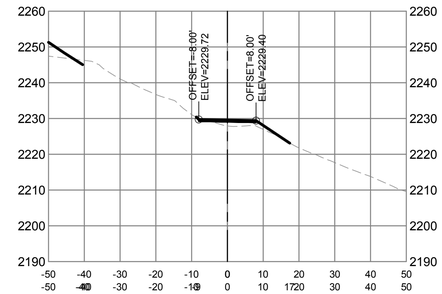
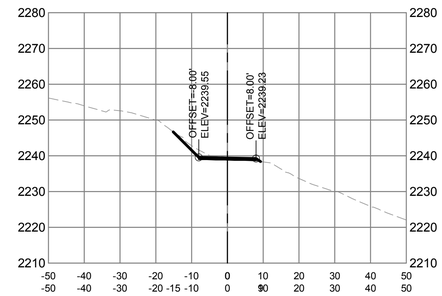
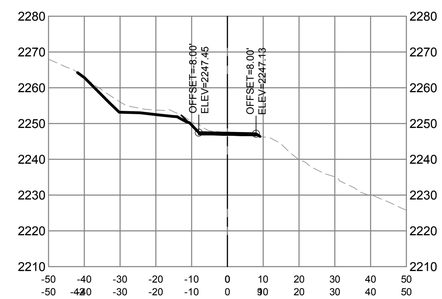


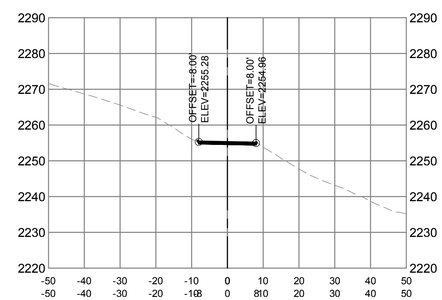
VEPCO ROAD #133, STATION 548+00



VEPCO ROAD #134, STATION 549+00



VEPCO ROAD #135, STATION 550+00



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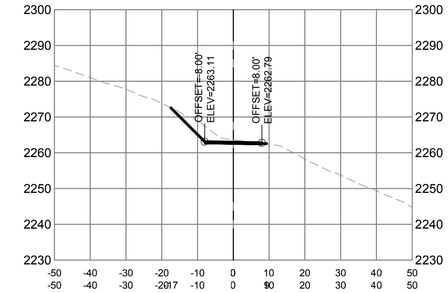

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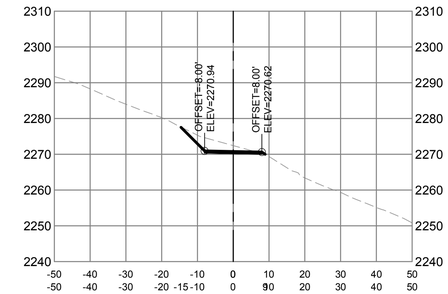

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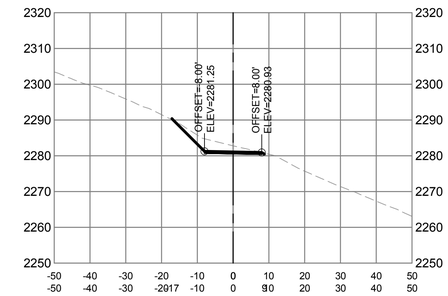
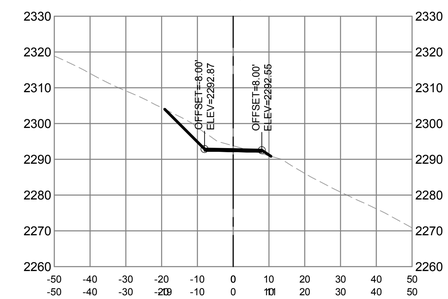
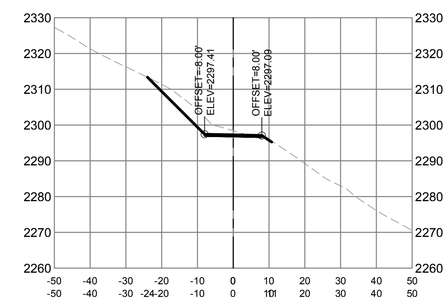


VEPCO ROAD #139, STATION 554+00



VEPCO ROAD #140, STATION 555+00



Dewberry

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

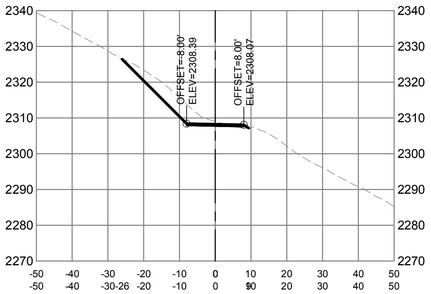
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

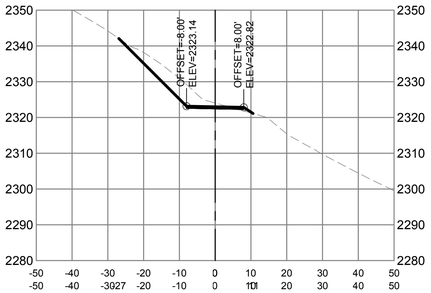
FR240-55

SHEET NO.

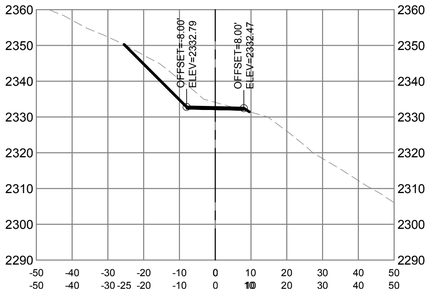
VEPCO ROAD #141, STATION 556+00



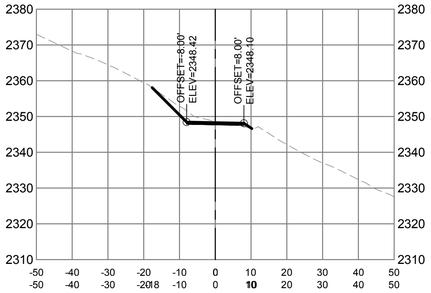
VEPCO ROAD #142, STATION 557+00



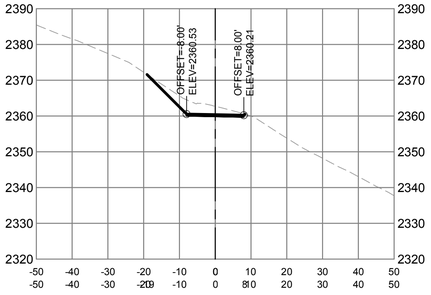
VEPCO ROAD #143, STATION 558+00



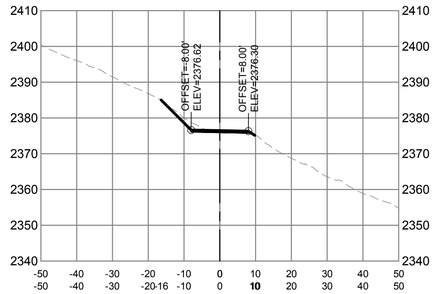
VEPCO ROAD #144, STATION 559+00



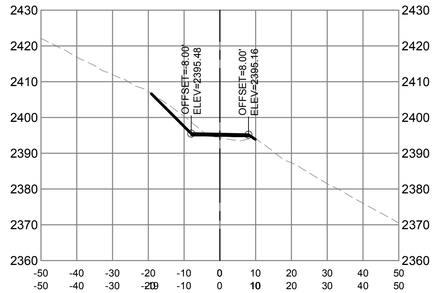
VEPCO ROAD #145, STATION 560+00



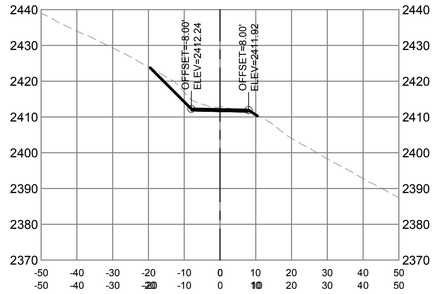
VEPCO ROAD #146, STATION 561+00



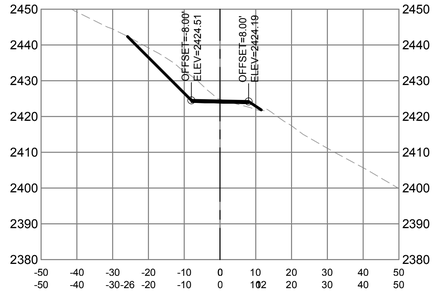
VEPCO ROAD #147, STATION 562+00



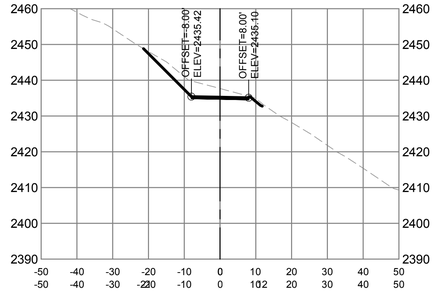
VEPCO ROAD #148, STATION 563+00



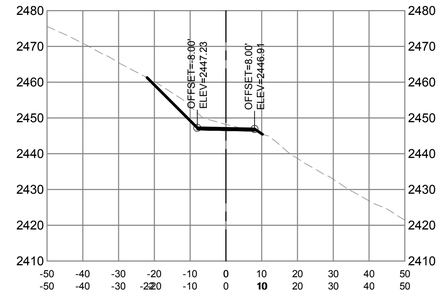
VEPCO ROAD #149, STATION 564+00



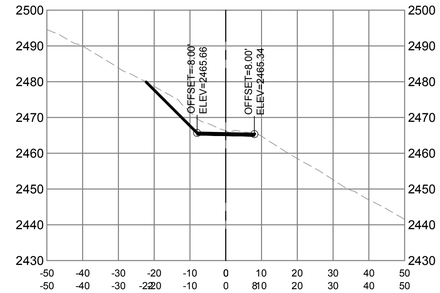
VEPCO ROAD #150, STATION 565+00



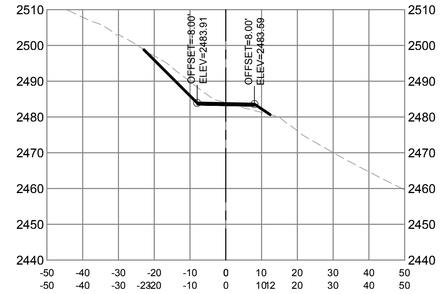
VEPCO ROAD #151, STATION 566+00



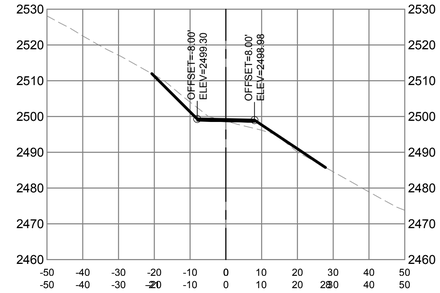
VEPCO ROAD #152, STATION 567+00



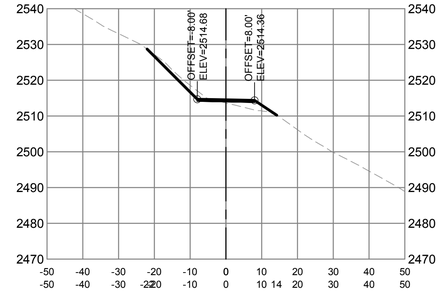
VEPCO ROAD #153, STATION 568+00



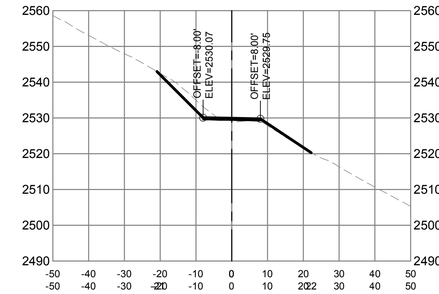
VEPCO ROAD #154, STATION 569+00



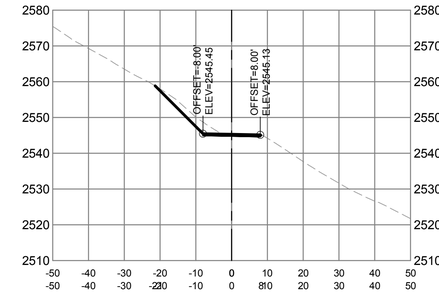
VEPCO ROAD #155, STATION 570+00



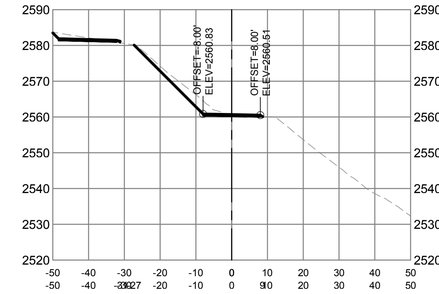
VEPCO ROAD #156, STATION 571+00



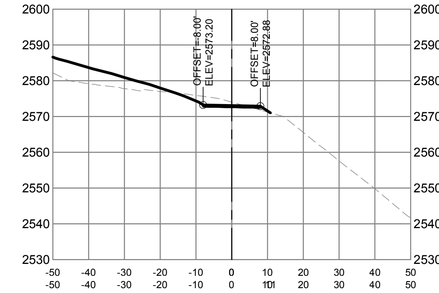
VEPCO ROAD #157, STATION 572+00



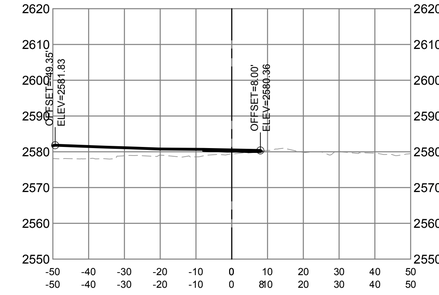
VEPCO ROAD #158, STATION 573+00



VEPCO ROAD #159, STATION 574+00



VEPCO ROAD #160, STATION 574+50



Dewberry

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

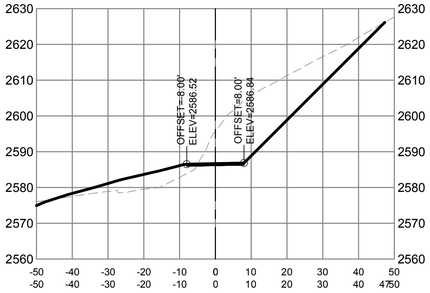
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

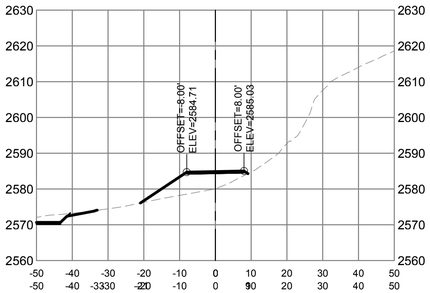
FR240-56

SHEET NO.

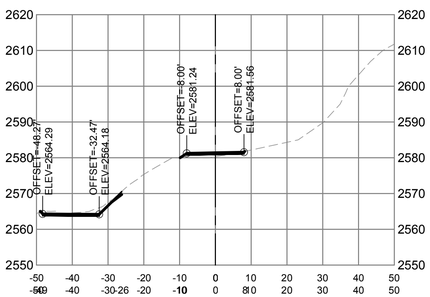
VEPCO ROAD #161, STATION 575+00



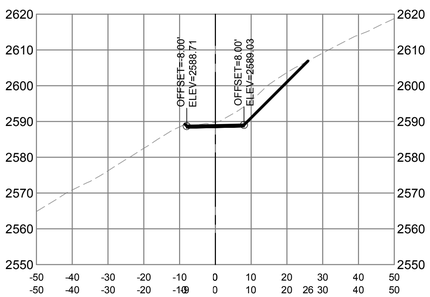
VEPCO ROAD #162, STATION 575+50



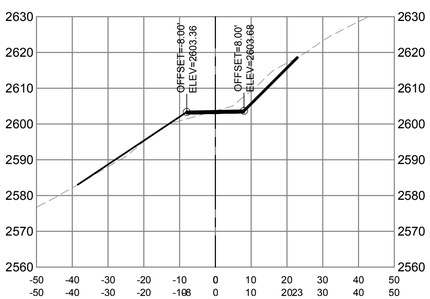
VEPCO ROAD #163, STATION 576+00



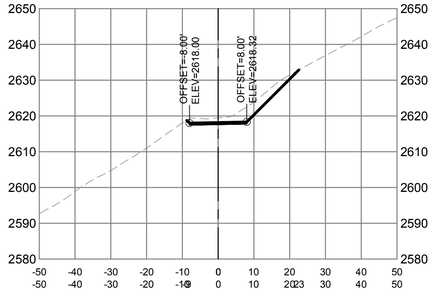
VEPCO ROAD #164, STATION 577+00



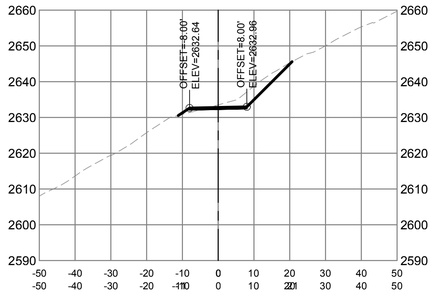
VEPCO ROAD #165, STATION 578+00



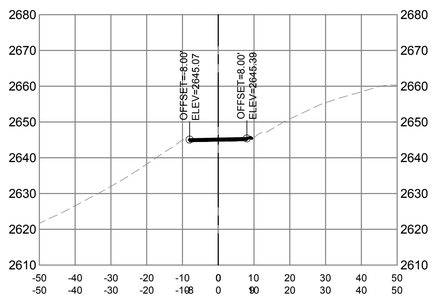
VEPCO ROAD #166, STATION 579+00



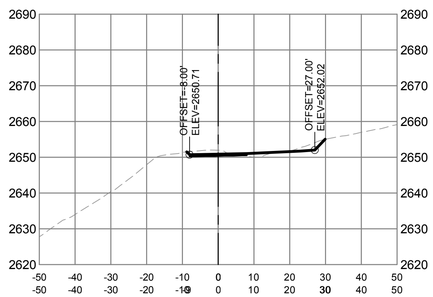
VEPCO ROAD #167, STATION 580+00



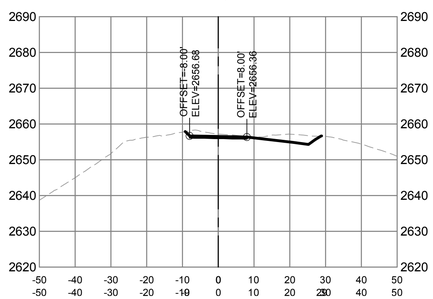
VEPCO ROAD #168, STATION 581+00



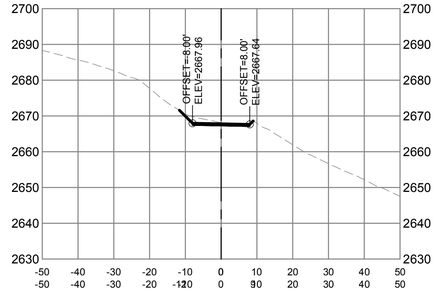
VEPCO ROAD #169, STATION 581+50



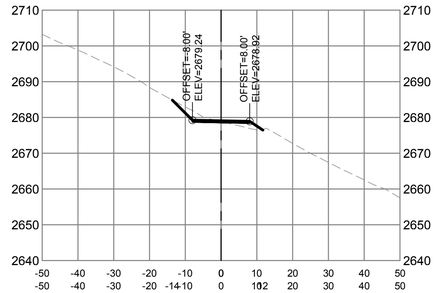
VEPCO ROAD #170, STATION 582+00



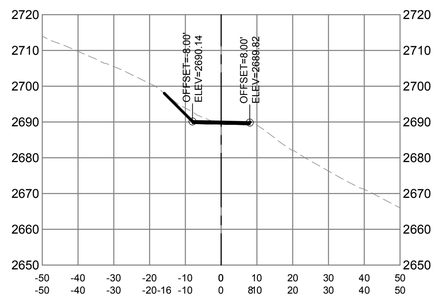
VEPCO ROAD #171, STATION 583+00



VEPCO ROAD #172, STATION 584+00



VEPCO ROAD #173, STATION 585+00



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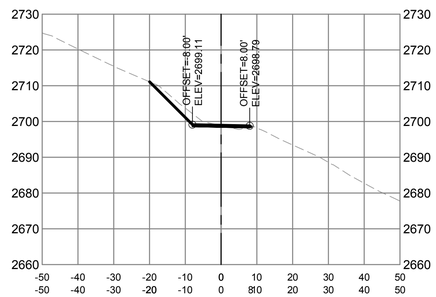
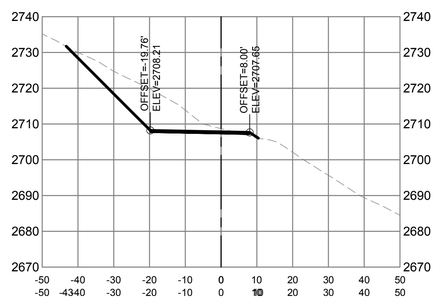


VEPCO ROAD #175, STATION 587+00



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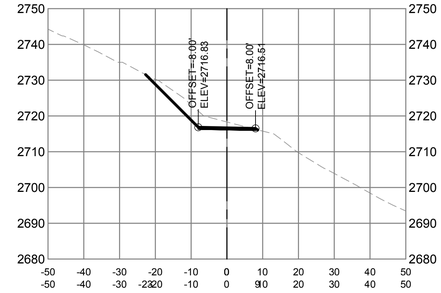

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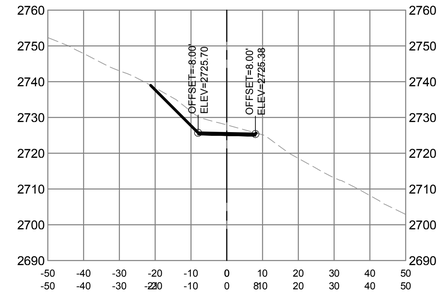
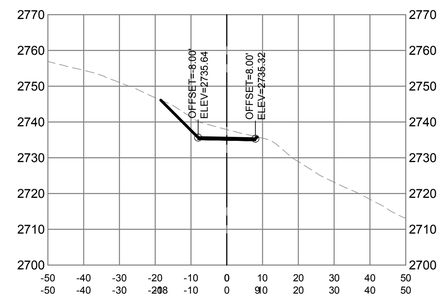


VEPCO ROAD #178, STATION 590+00



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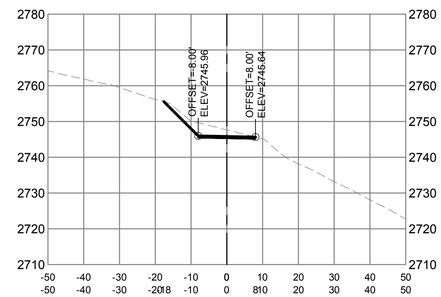

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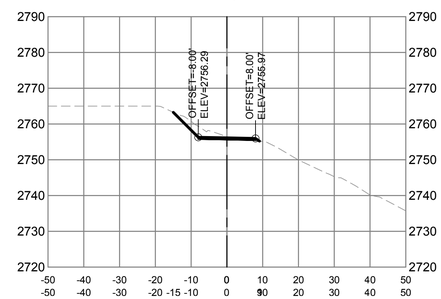

Dewberry

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

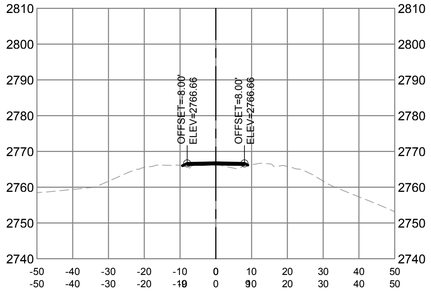
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

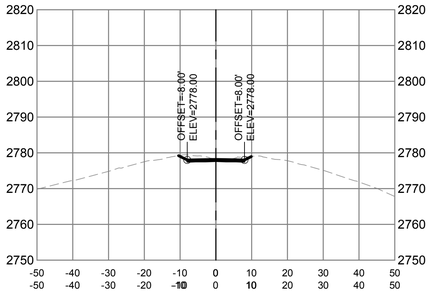
FR240-57

SHEET NO.

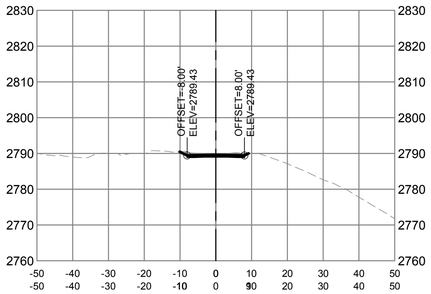
VEPCO ROAD #181, STATION 593+00



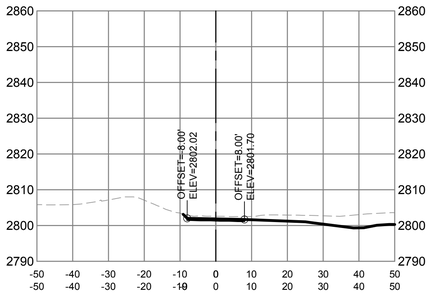
VEPCO ROAD #182, STATION 594+00



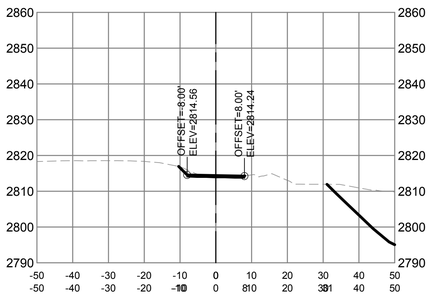
VEPCO ROAD #183, STATION 595+00



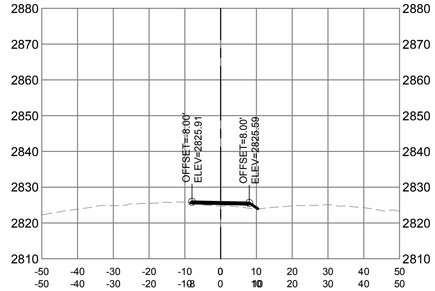
VEPCO ROAD #184, STATION 596+00



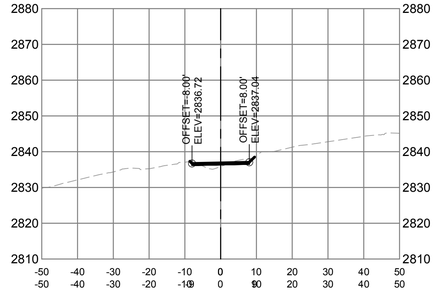
VEPCO ROAD #185, STATION 597+00



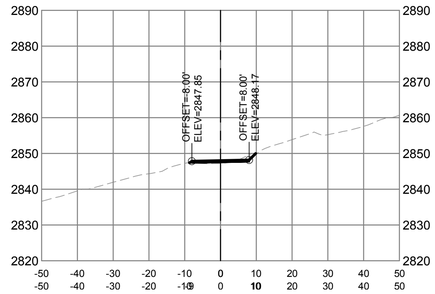
VEPCO ROAD #186, STATION 598+00



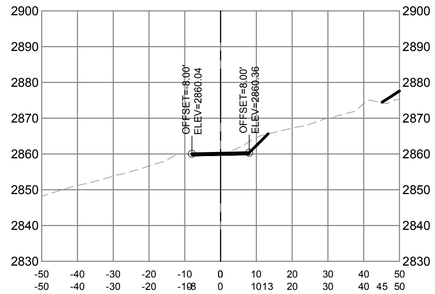
VEPCO ROAD #187, STATION 599+00



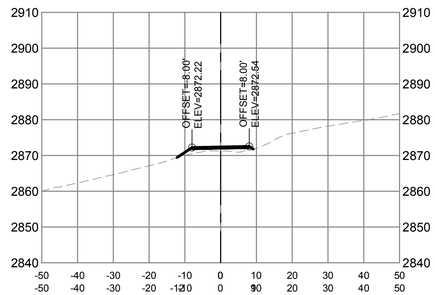
VEPCO ROAD #188, STATION 600+00



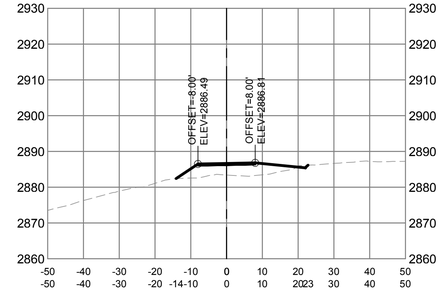
VEPCO ROAD #189, STATION 601+00



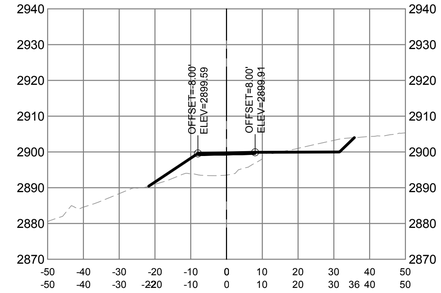
VEPCO ROAD #190, STATION 602+00



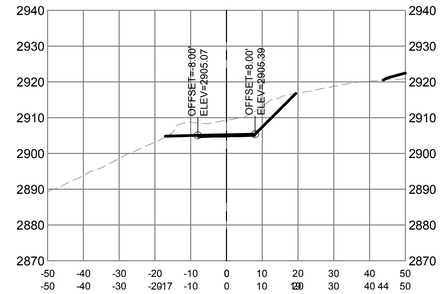
VEPCO ROAD #191, STATION 603+00



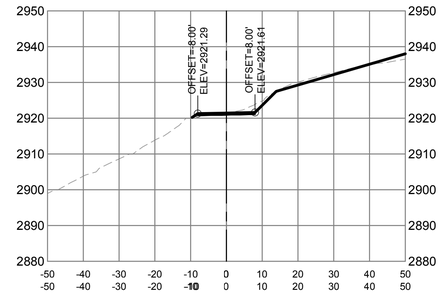
VEPCO ROAD #192, STATION 604+00



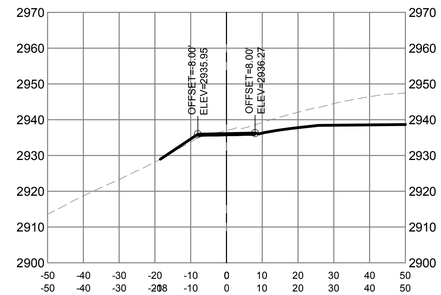
VEPCO ROAD #193, STATION 605+00



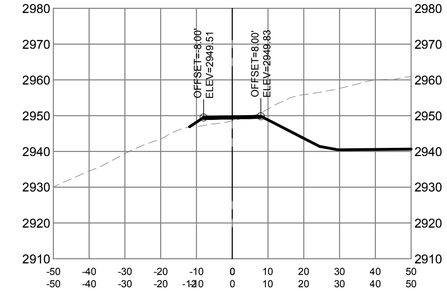
VEPCO ROAD #194, STATION 606+00



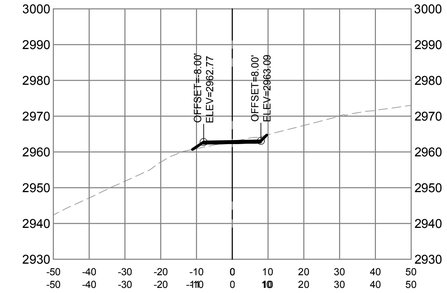
VEPCO ROAD #195, STATION 607+00



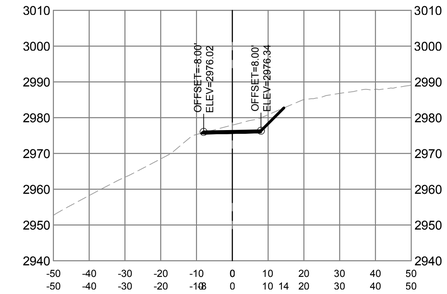
VEPCO ROAD #196, STATION 608+00



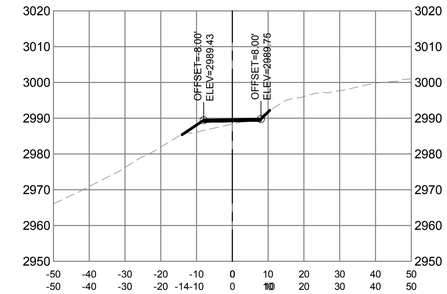
VEPCO ROAD #197, STATION 609+00



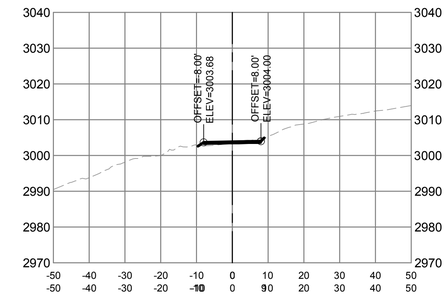
VEPCO ROAD #198, STATION 610+00



VEPCO ROAD #199, STATION 611+00



VEPCO ROAD #200, STATION 612+00



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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

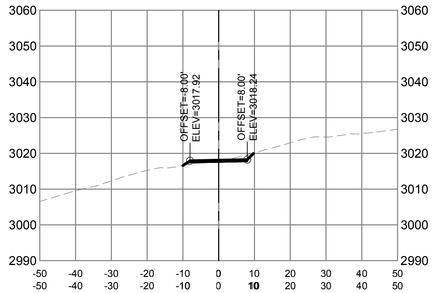
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

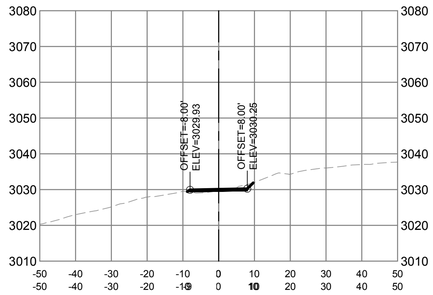
FR240-58

SHEET NO.

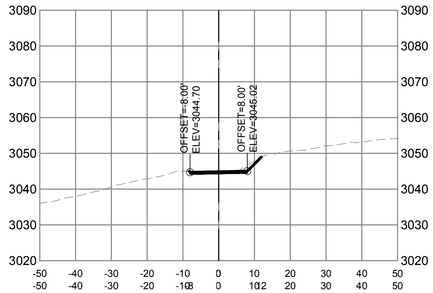
VEPCO ROAD #201, STATION 613+00



VEPCO ROAD #202, STATION 614+00



VEPCO ROAD #203, STATION 615+00



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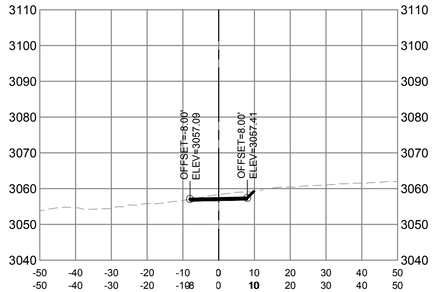

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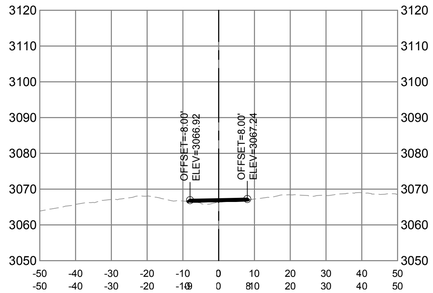
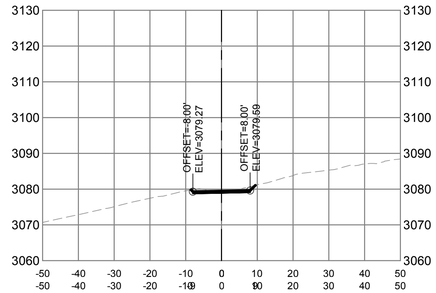


VEPCO ROAD #206, STATION 618+00



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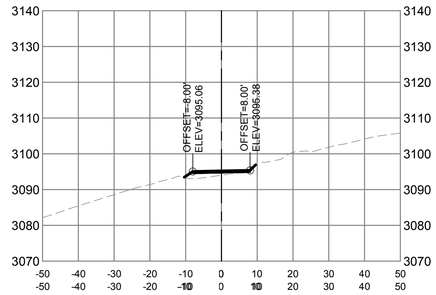

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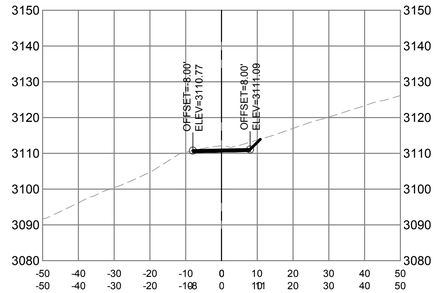

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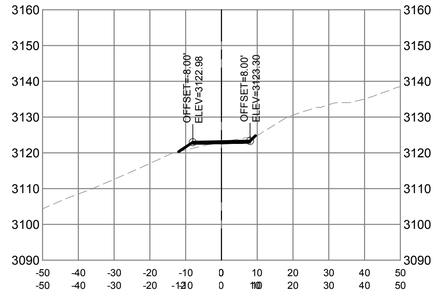

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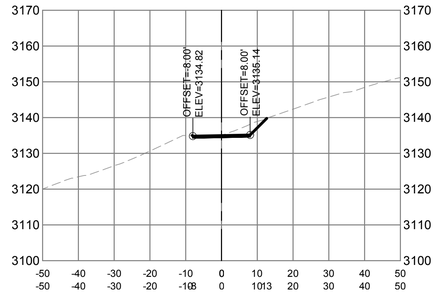

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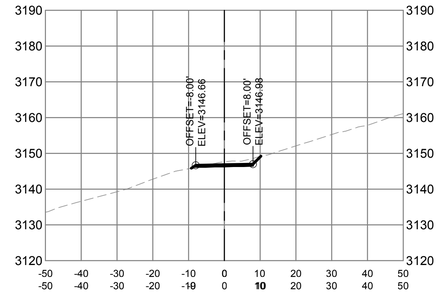

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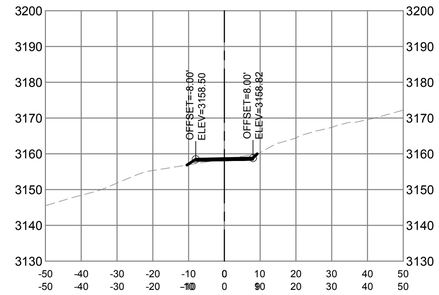

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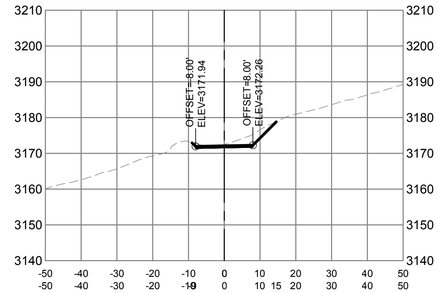

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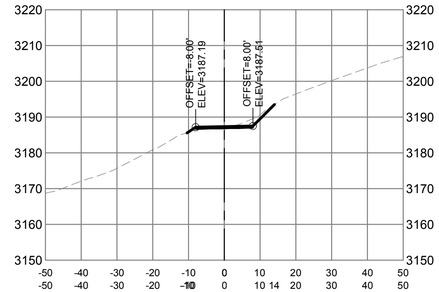

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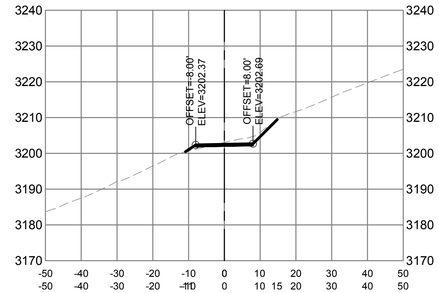

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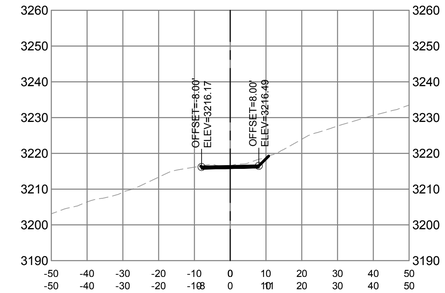

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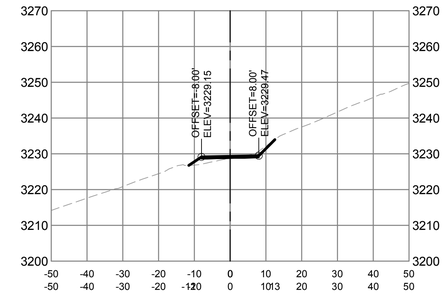

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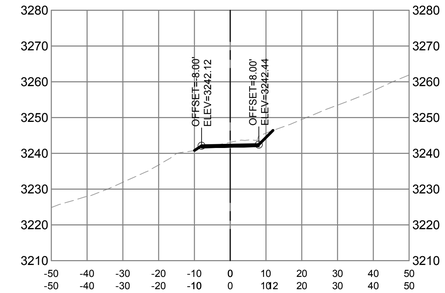

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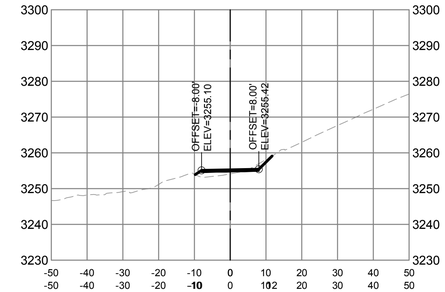

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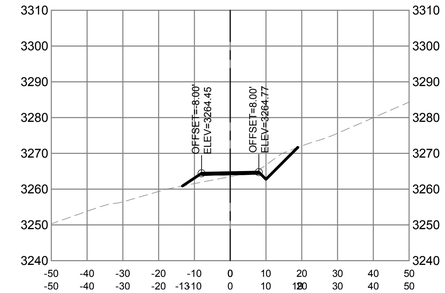

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

0' 20' 40'
HORIZONTAL SCALE

0' 20' 40'
VERTICAL SCALE

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	07/30/21

TITLE

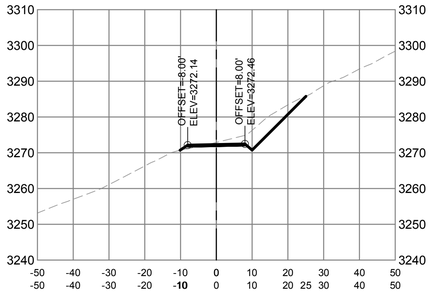
VEPCO ROAD
CROSS SECTIONS

PROJECT NO. 50106442

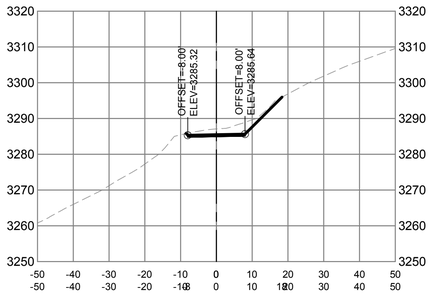
FR240-59

SHEET NO.

VEPCO ROAD #221, STATION 633+00



VEPCO ROAD #222, STATION 634+00



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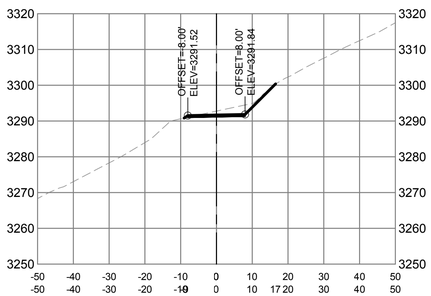

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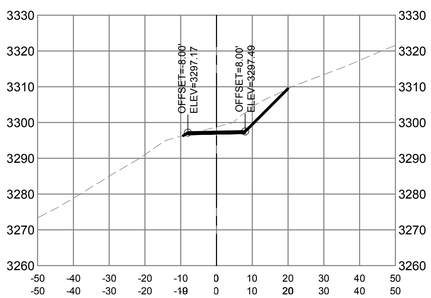

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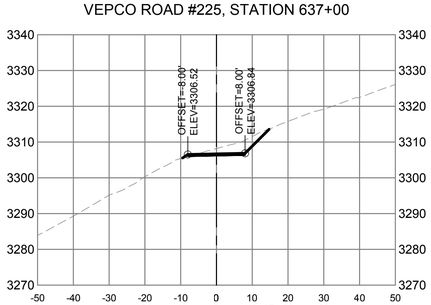

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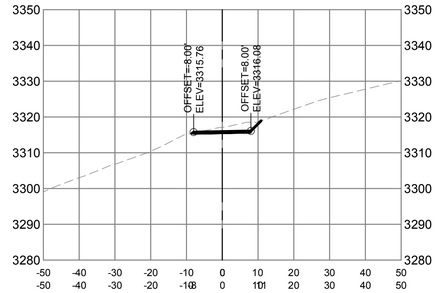

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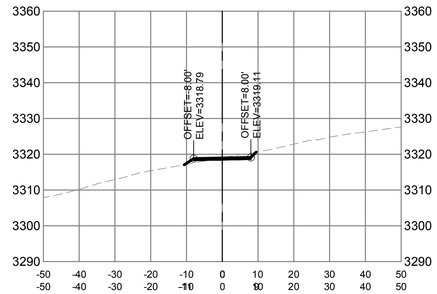

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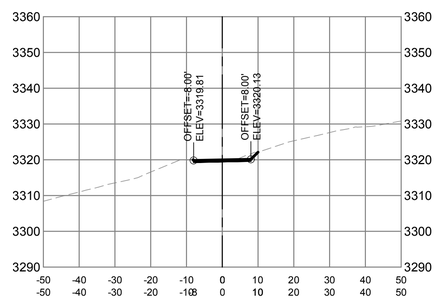

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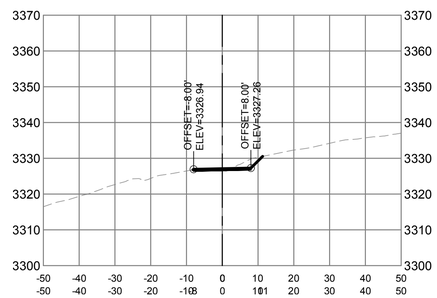

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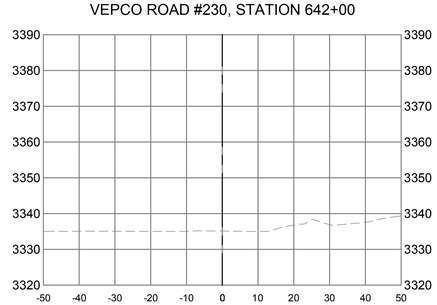

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