Volume 2 (V-200) MLK

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Fred Parkinson (757) 466-9650
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(101)

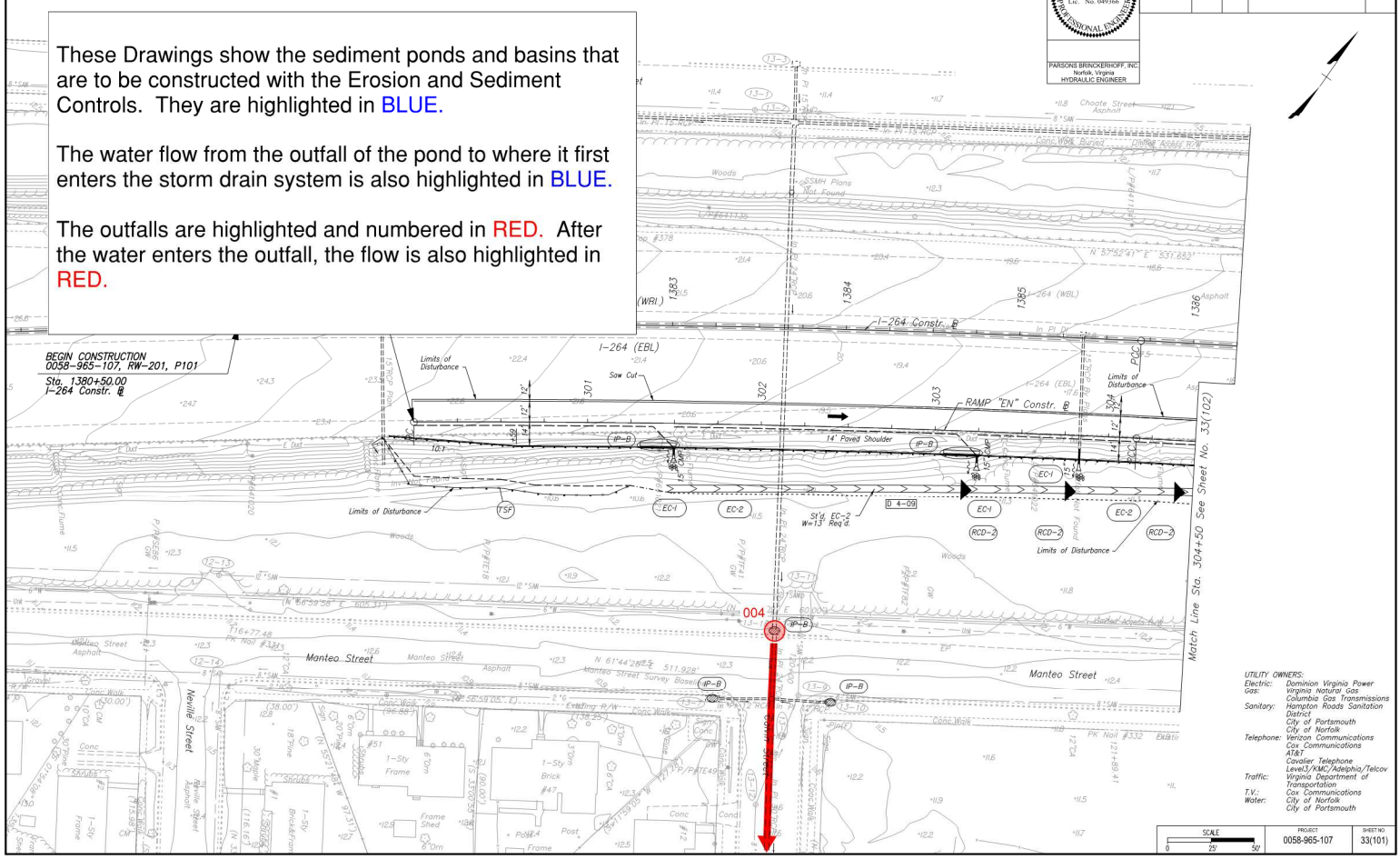
COMMONWEALTH OF VIRGINIA
MELISSA J. PRITCHARD
Lic. No. 049366
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF, INC.
Norfolk, Virginia
HYDRAULIC ENGINEER

These Drawings show the sediment ponds and basins that are to be constructed with the Erosion and Sediment Controls. They are highlighted in BLUE.

The water flow from the outfall of the pond to where it first enters the storm drain system is also highlighted in BLUE.

The outfalls are highlighted and numbered in RED. After the water enters the outfall, the flow is also highlighted in RED.



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Portsmouth
City of Norfolk
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'

PROJECT	SHEET NO.
0058-965-107	33(101)

Volume 2 (V-200) MLK

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
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REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(102)

COMMONWEALTH OF VIRGINIA
MELISSA J. PRITCHARD
Lic. No. 049366
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF, INC.
Norfolk, Virginia
HYDRAULIC ENGINEER

UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Portsmouth
City of Norfolk
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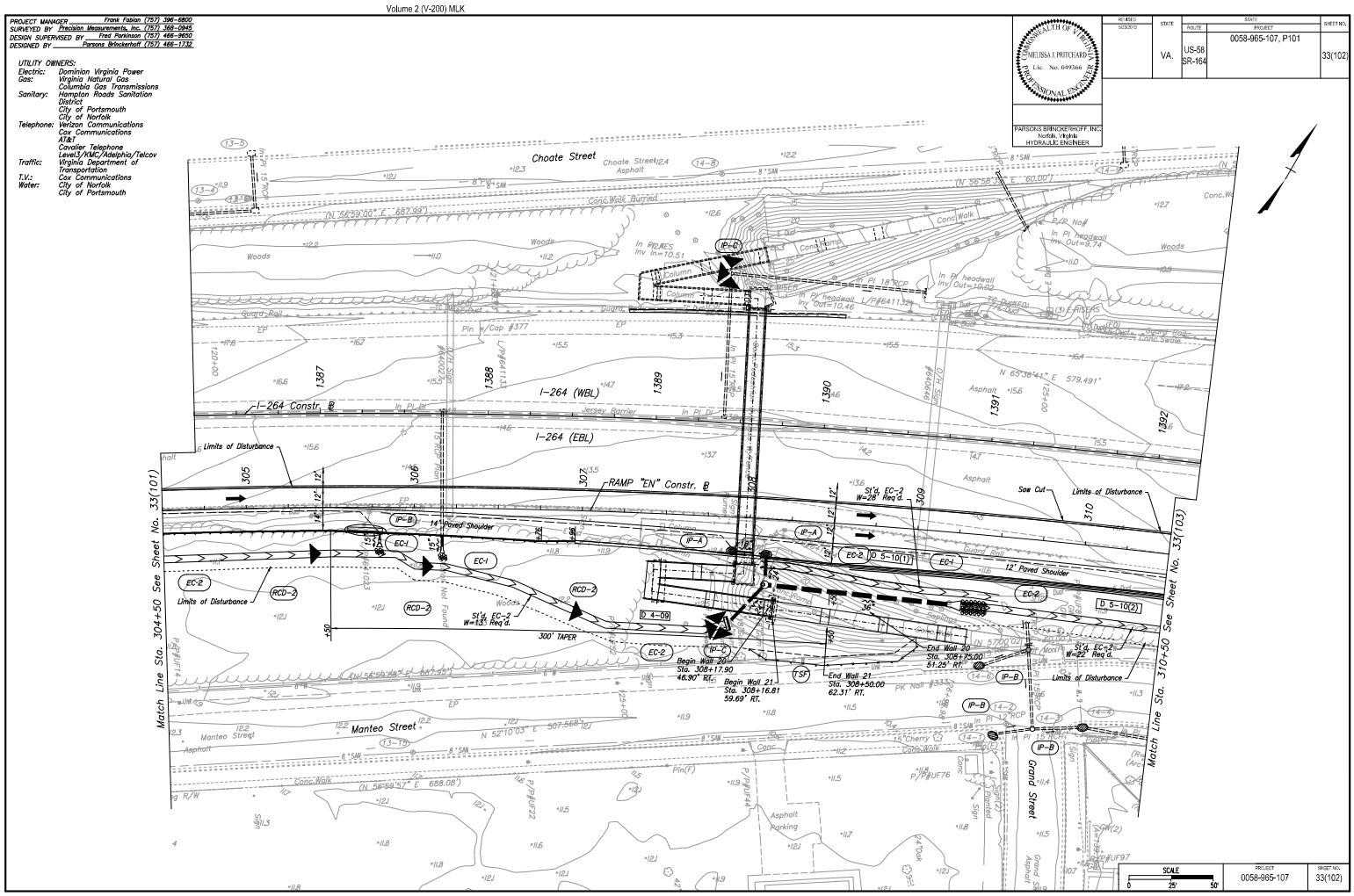
Cox Communications
AT&T
Cavalier Telephone
Level3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth



SCALE 0 25' 50'

PROJECT	SHEET NO.
0058-965-107	33(102)

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Fred Parkinson (757) 466-9650
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

UTILITY OWNERS:
Electric: Dominion Virginia Power
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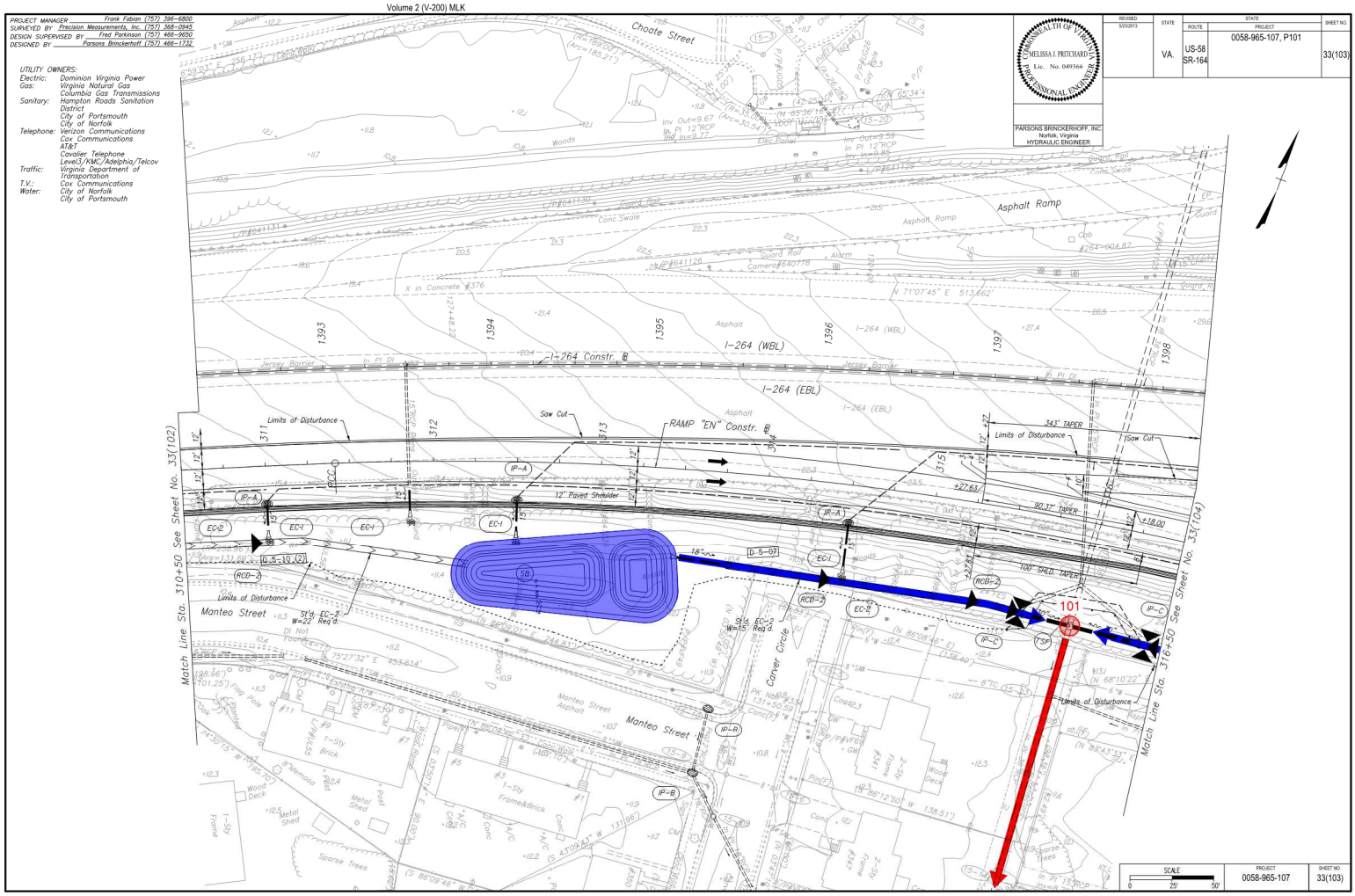
Sanitary: Hampton Roads Sanitation District; City of Portsmouth; City of Norfolk
Telephone: Verizon Communications; Cox Communications; AT&T; Cavalier Telephone; Level3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk; City of Portsmouth



REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(103)

COMMONWEALTH OF VIRGINIA
MELISSA I. PRITCHARD
Lic. No. 049366
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF, INC.
Norfolk, Virginia
HYDRAULIC ENGINEER

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(103)

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PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Fred Parkinson (757) 466-9650
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

UTILITY OWNERS:
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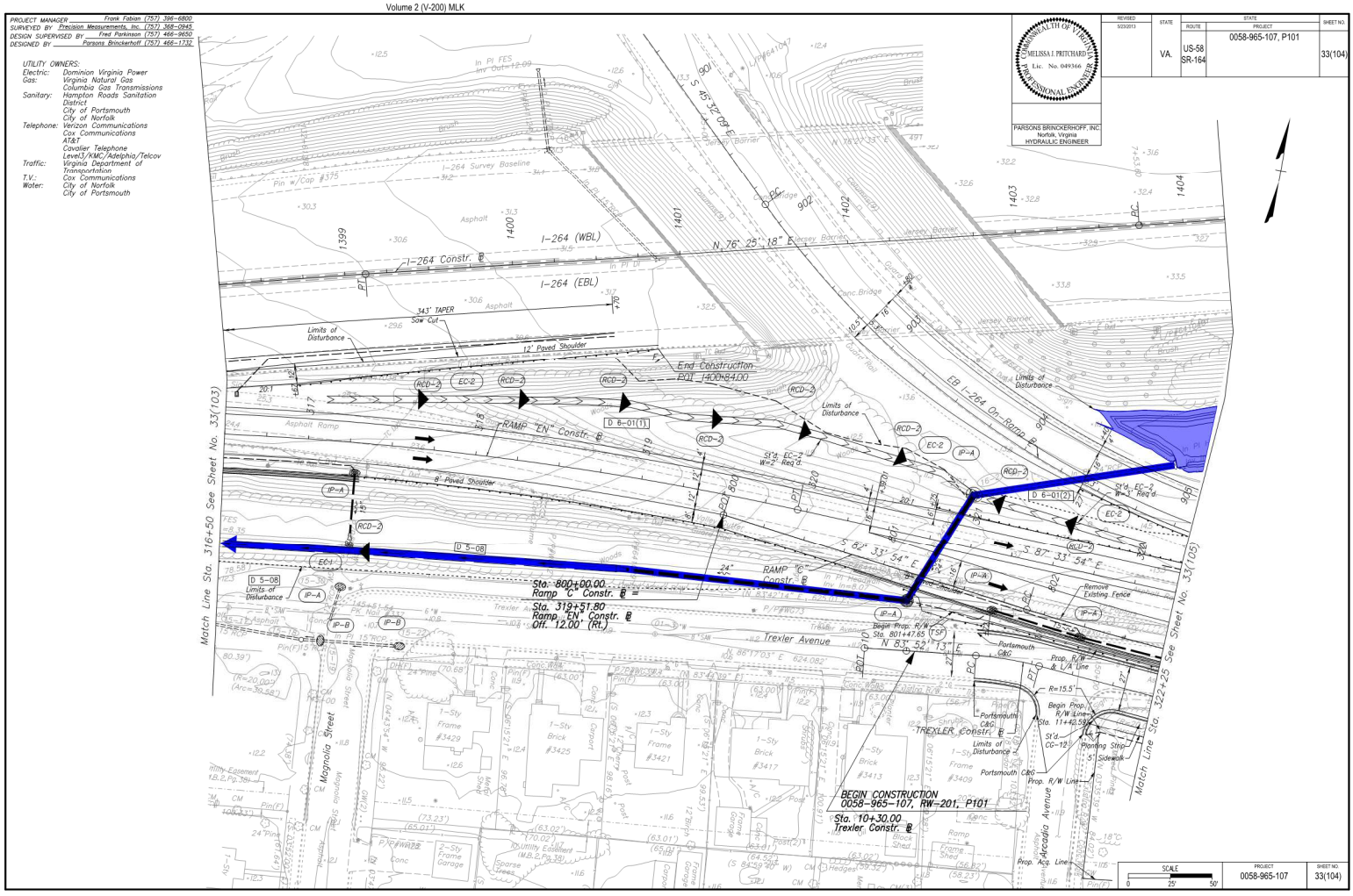
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk; City of Portsmouth



REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(104)

COMMONWEALTH OF VIRGINIA
MELISSA I. PRITCHARD
Lic. No. 049366
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF, INC.
Norfolk, Virginia
HYDRAULIC ENGINEER

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(104)

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21-MAY-2013
13:10

Volume 2 (V-200) MLK

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Fred Parkinson (757) 466-9650
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

UTILITY OWNERS:
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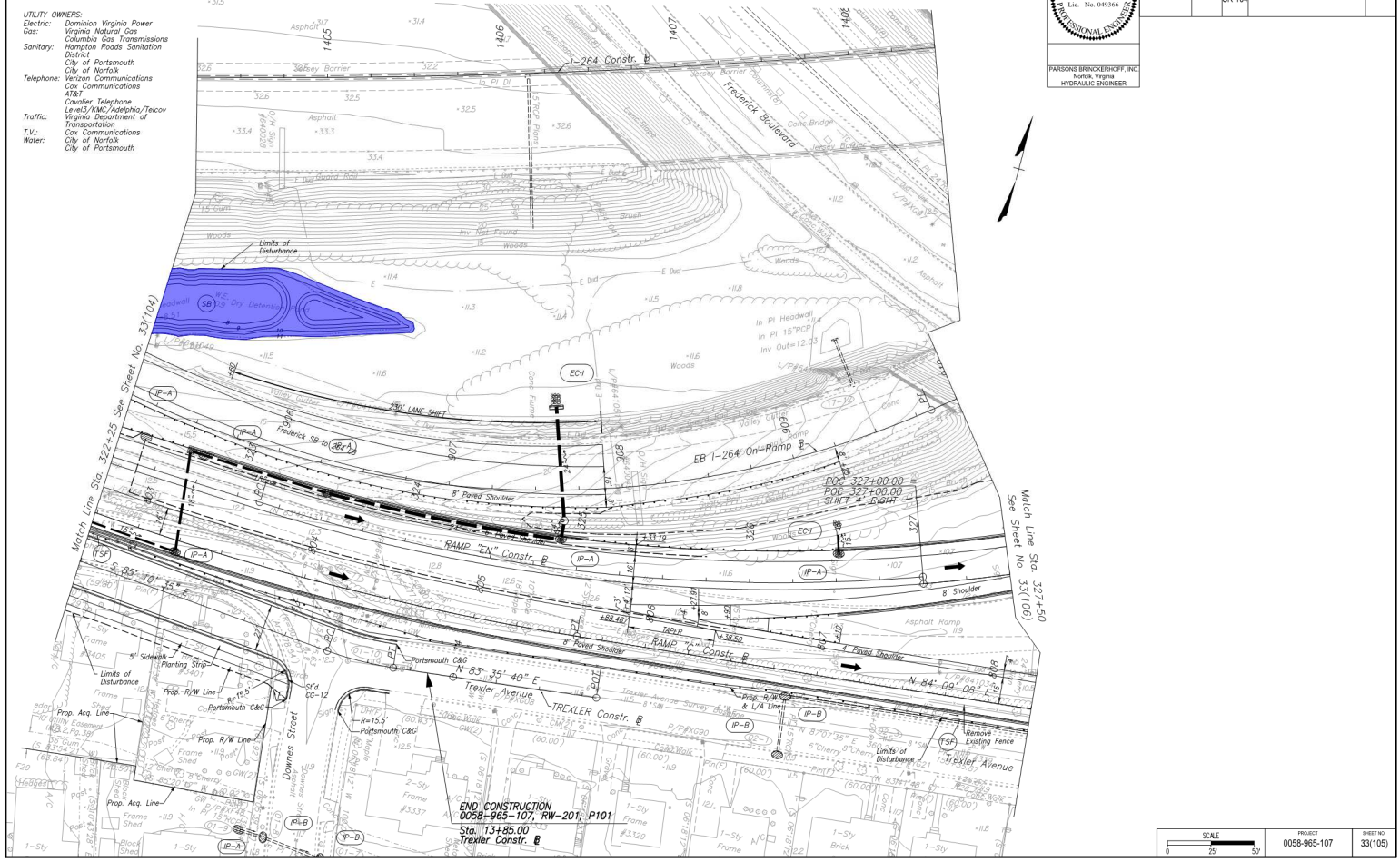
Level3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(105)

COMMONWEALTH OF VIRGINIA
MELISSA J. PRITCHARD
Lic. No. 049366
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF, INC.
Norfolk, Virginia
HYDRAULIC ENGINEER



SCALE	PROJECT	SHEET NO.
0 25' 50'	0058-965-107	33(105)

Volume 2 (V-200) MLK

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Fred Parkinson (757) 466-9650
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UTILITY OWNERS:
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City of Norfolk
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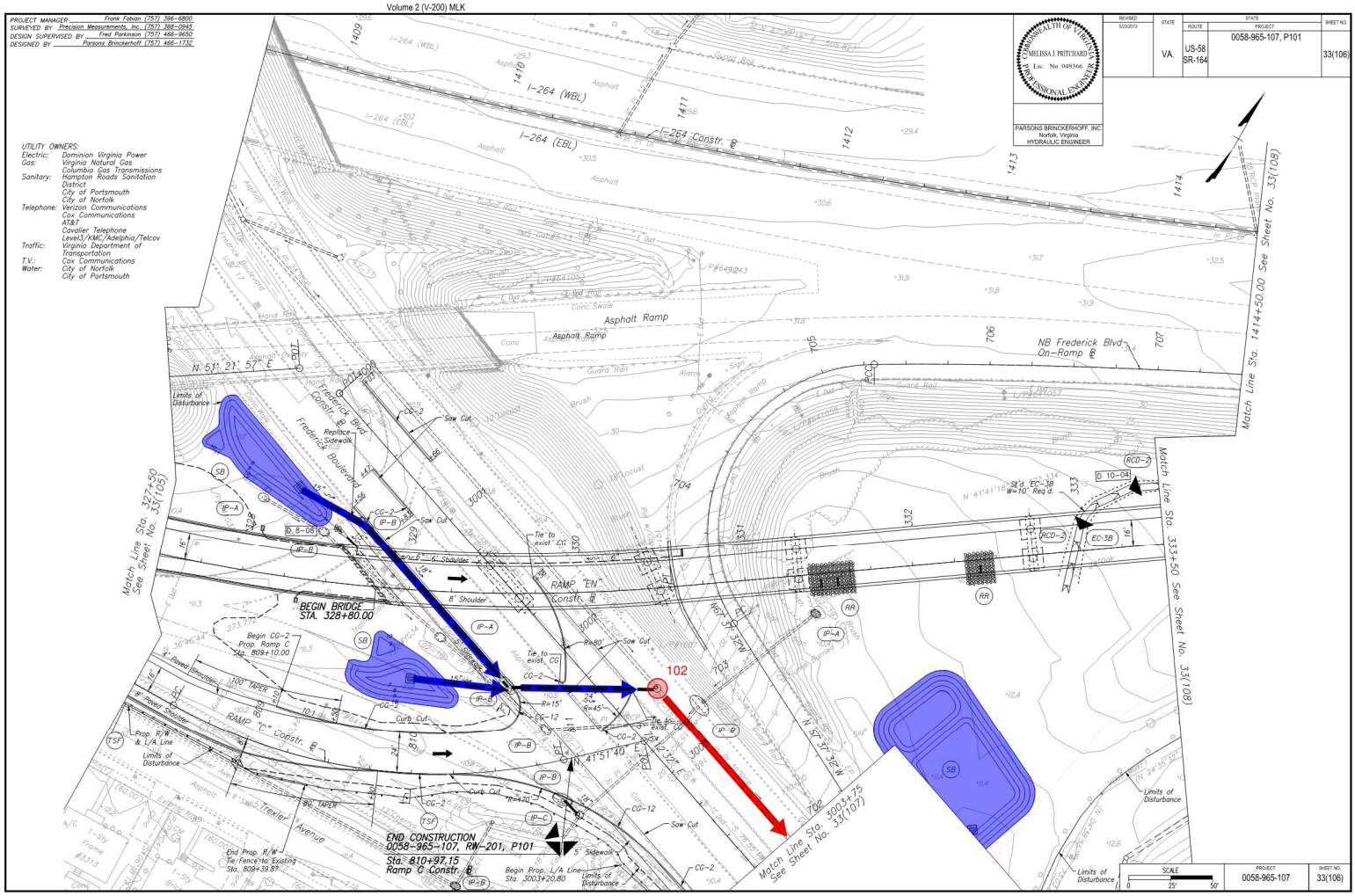
AT&T
Cavalier Telephone
Level3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(106)

COMMONWEALTH OF VIRGINIA
MELISSA J. PRITCHARD
Lic. No. 049366
PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF, INC.
Norfolk, Virginia
HYDRAULIC ENGINEER



SCALE	PROJECT	SHEET NO.
0 25' 50'	0058-965-107	33(106)

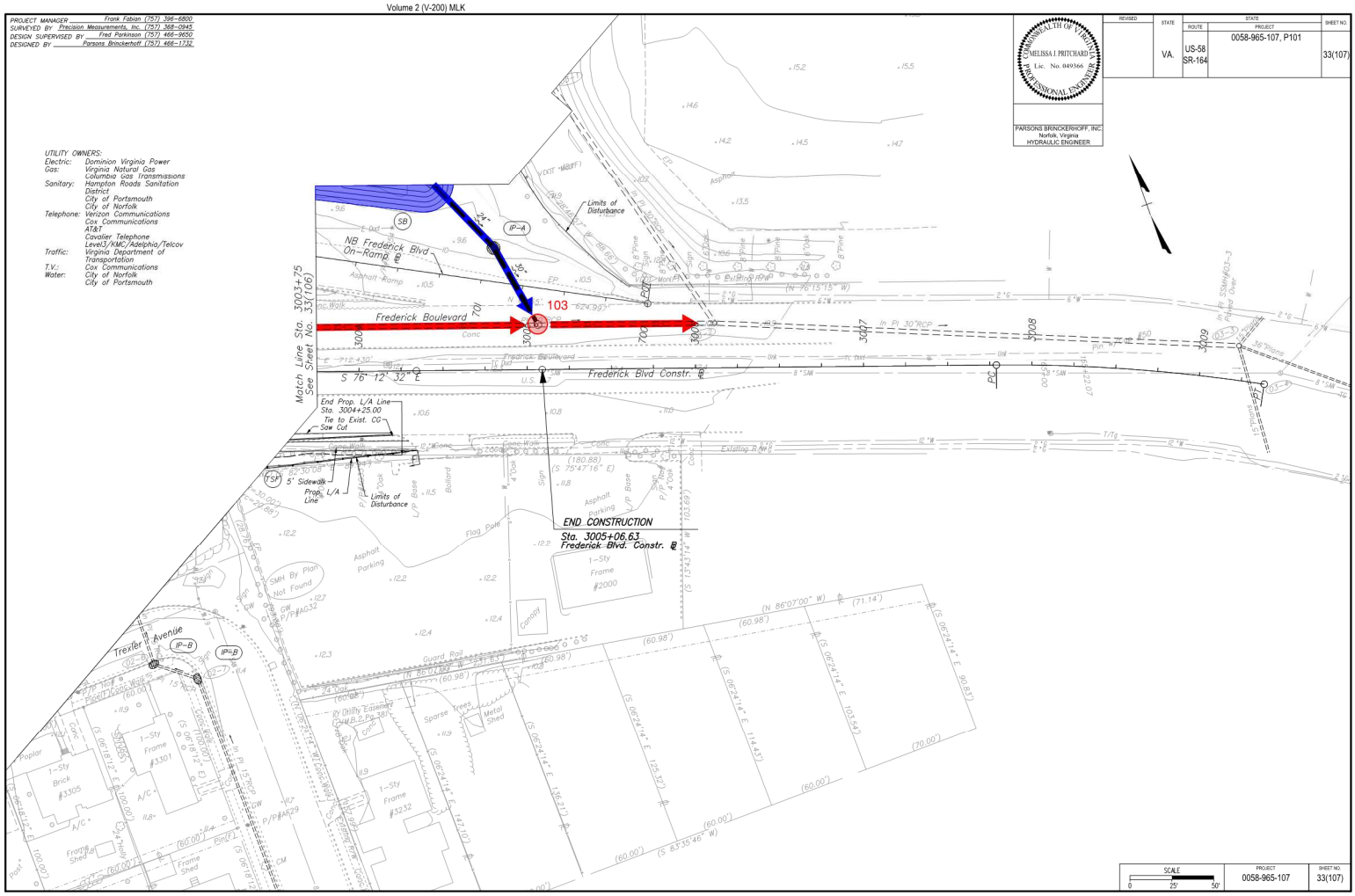
Volume 2 (V-200) MLK

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Fred Parkinson (757) 466-9650
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US-58 SR-164	0058-965-107, P101	33(107)

COMMONWEALTH OF VIRGINIA — MELISSA J. PRITCHARD — Lic. No. 049366 — PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF, INC. Norfolk, Virginia HYDRAULIC ENGINEER



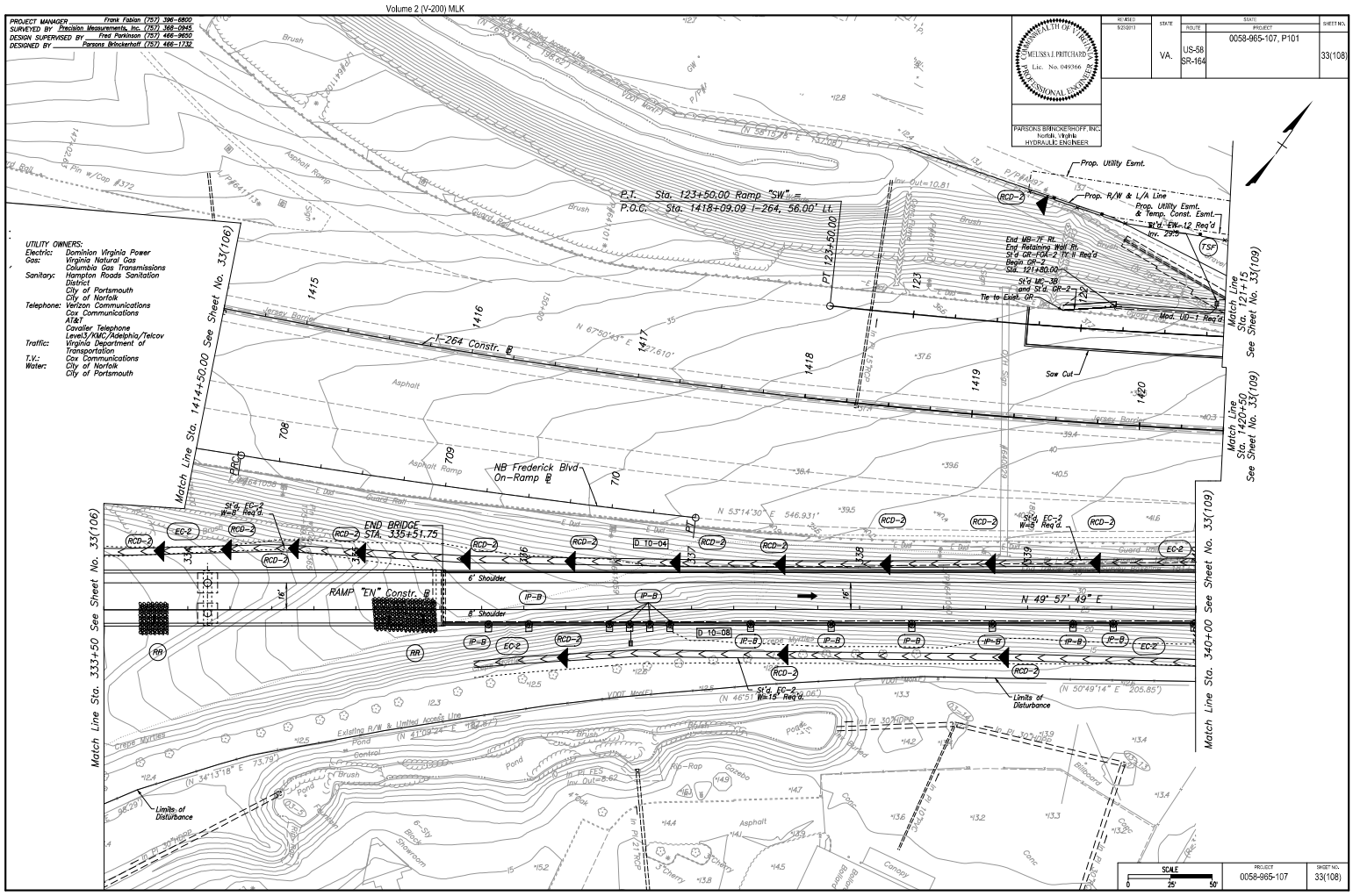
Volume 2 (V-200) MLK

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Fred Parkinson (757) 466-9650
DESIGNED BY Parsons Brinckerhoff (757) 466-1732

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(108)

COMMONWEALTH OF VIRGINIA — MELISSA J. PRITCHARD — Lic. No. 049366 — PROFESSIONAL ENGINEER

PARSONS BRINCKERHOFF, INC. Norfolk, Virginia HYDRAULIC ENGINEER



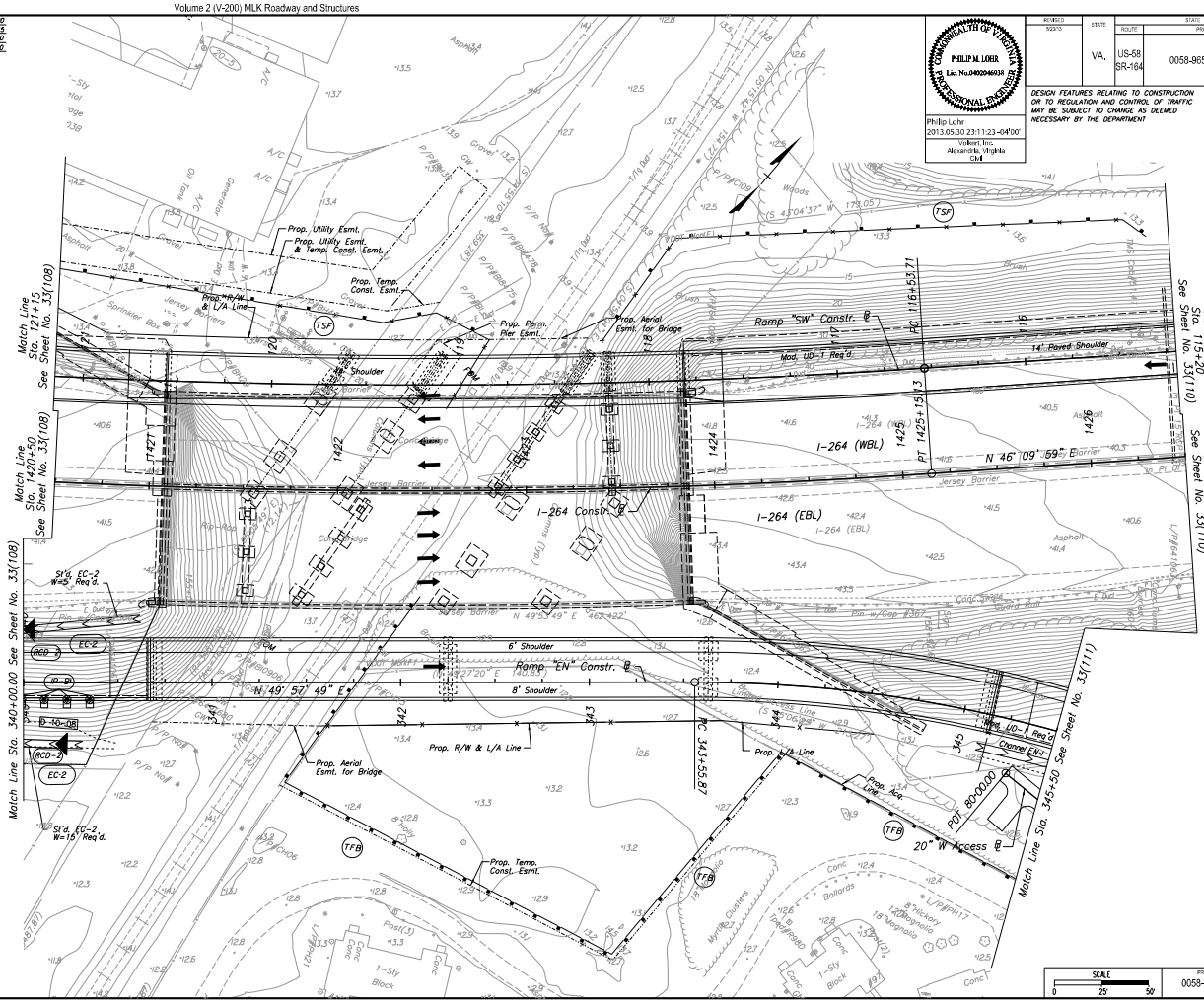
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.05.30 23:11:23 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED 5/23/13	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US-58 SR-164	0058-965-107, P101	33(109)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



SCALE 0 25' 50'	PROJECT	SHEET NO.
	0058-965-107	33(109)

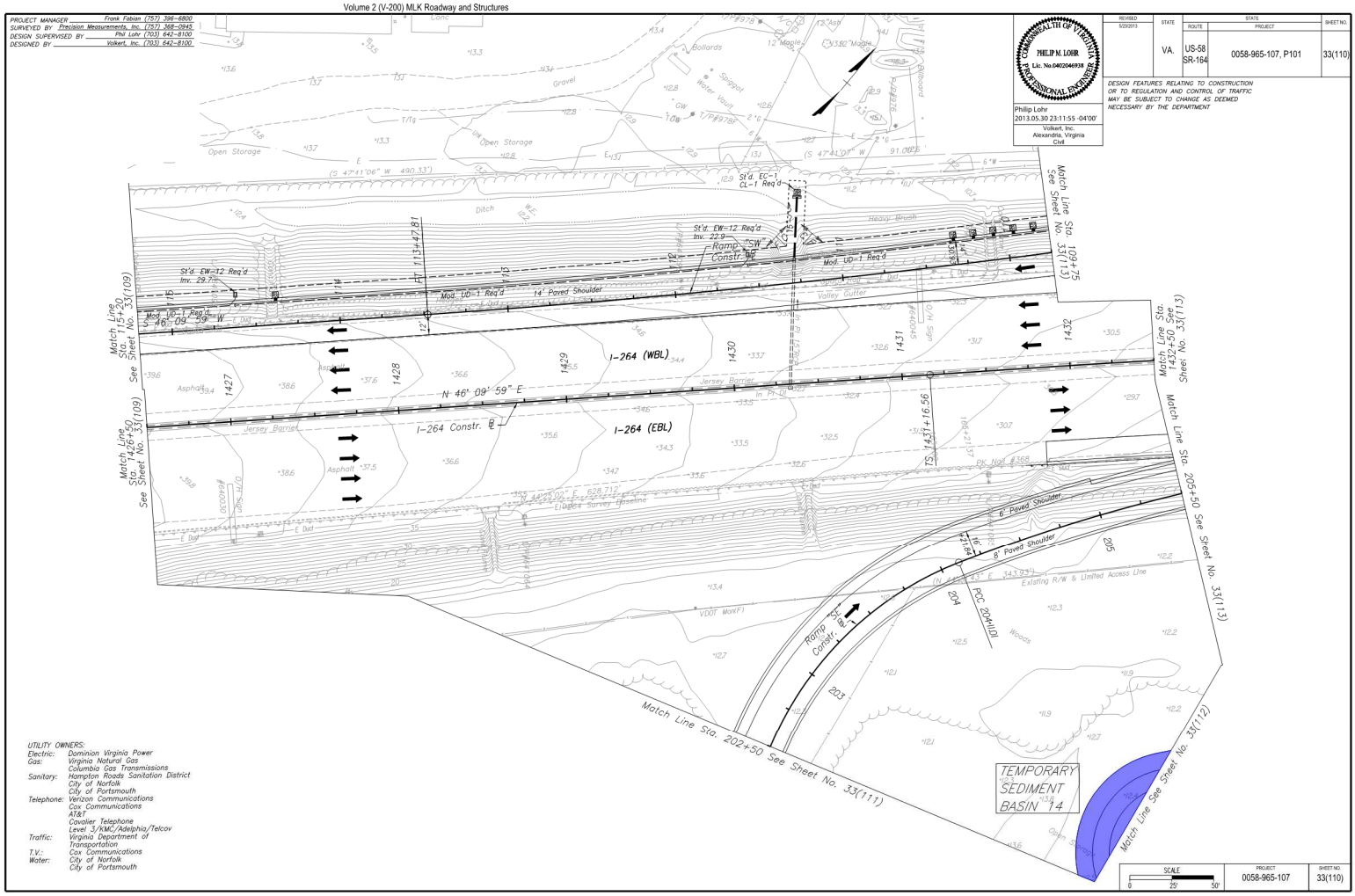
Volume 2 (V-200) MLK Roadway and Structures

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.05.30 23:11:55 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED 5/23/2013	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US-58 SR-164	0058-965-107, P101	33(110)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'	PROJECT	SHEET NO.
	0058-965-107	33(110)

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
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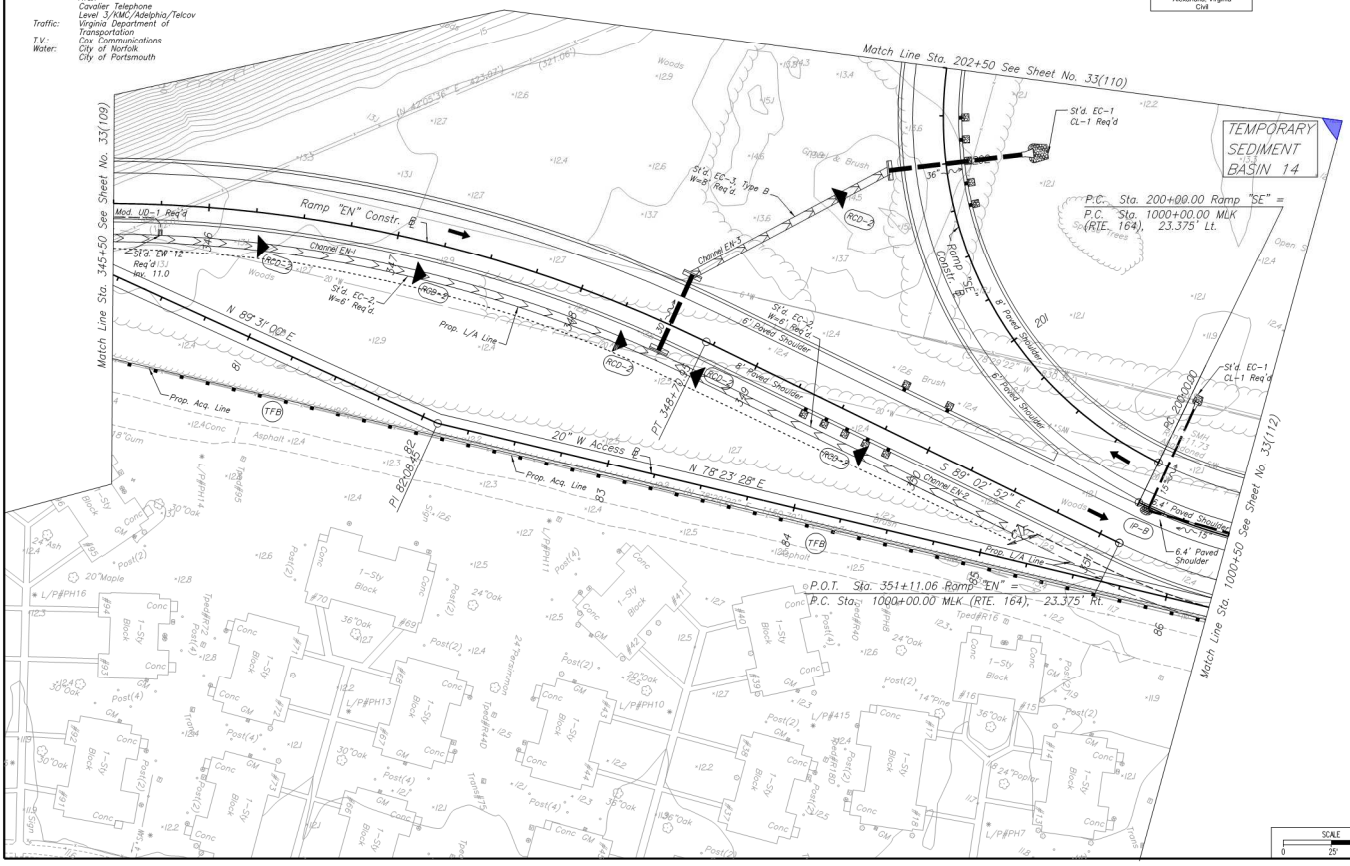
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.05.30 23:12:34 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(111)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(111)

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
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UTILITY OWNERS:
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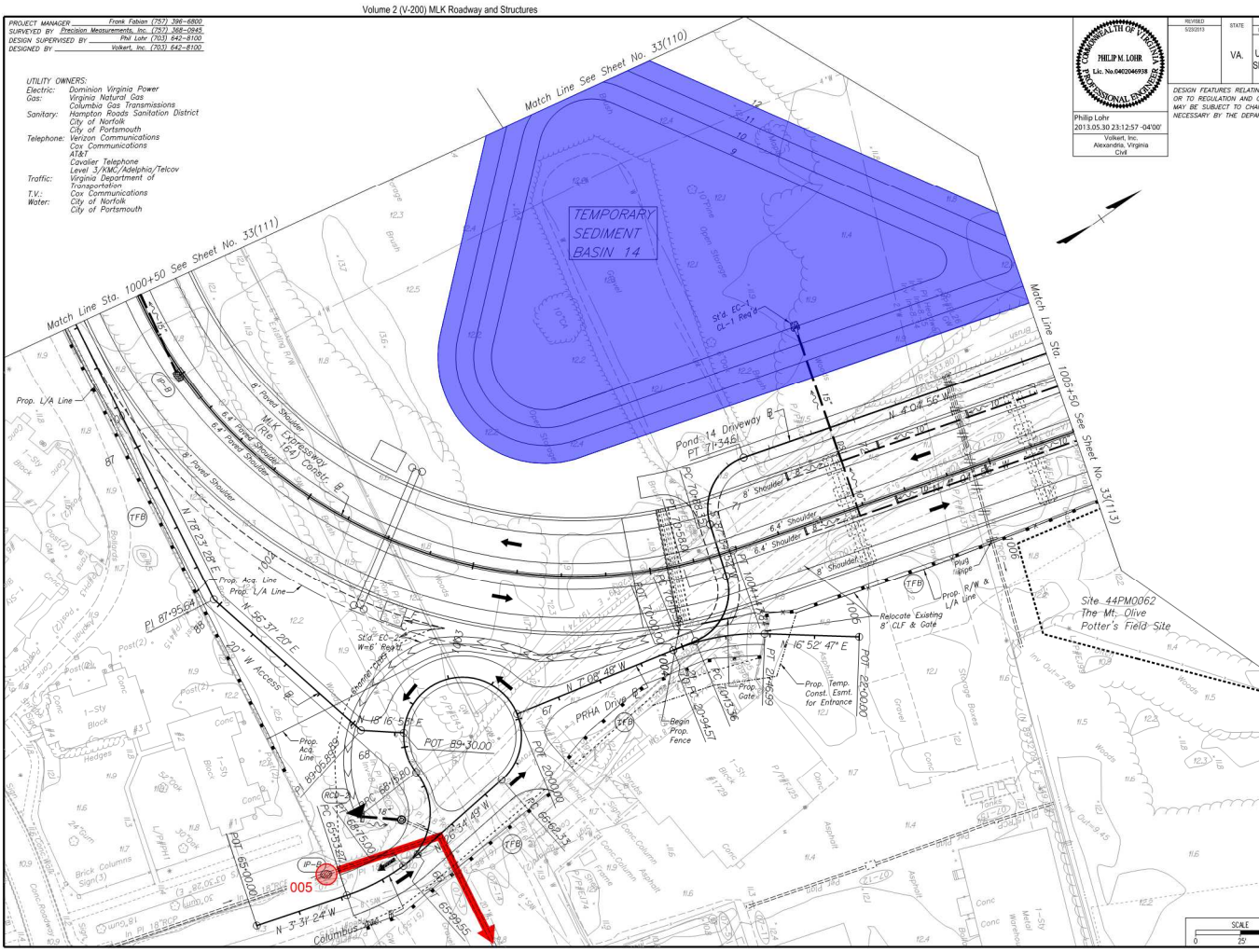
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.05.30 23:12:57 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(112)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(112)

PROJECT MANAGER Frank Fabian (757) 396-6800
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DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:13:27 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(113)

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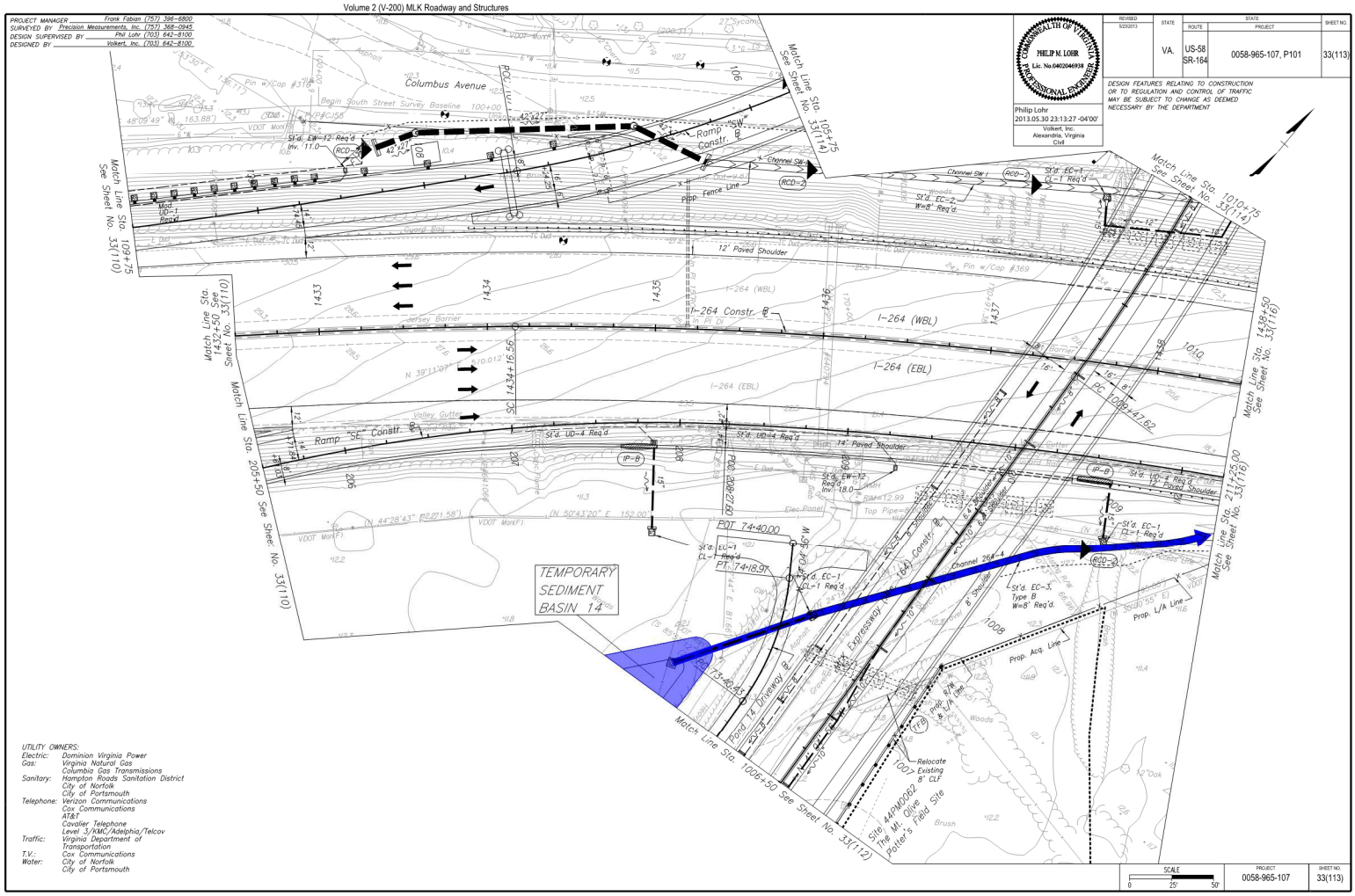

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Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'

PROJECT	SHEET NO.
0058-965-107	33(113)

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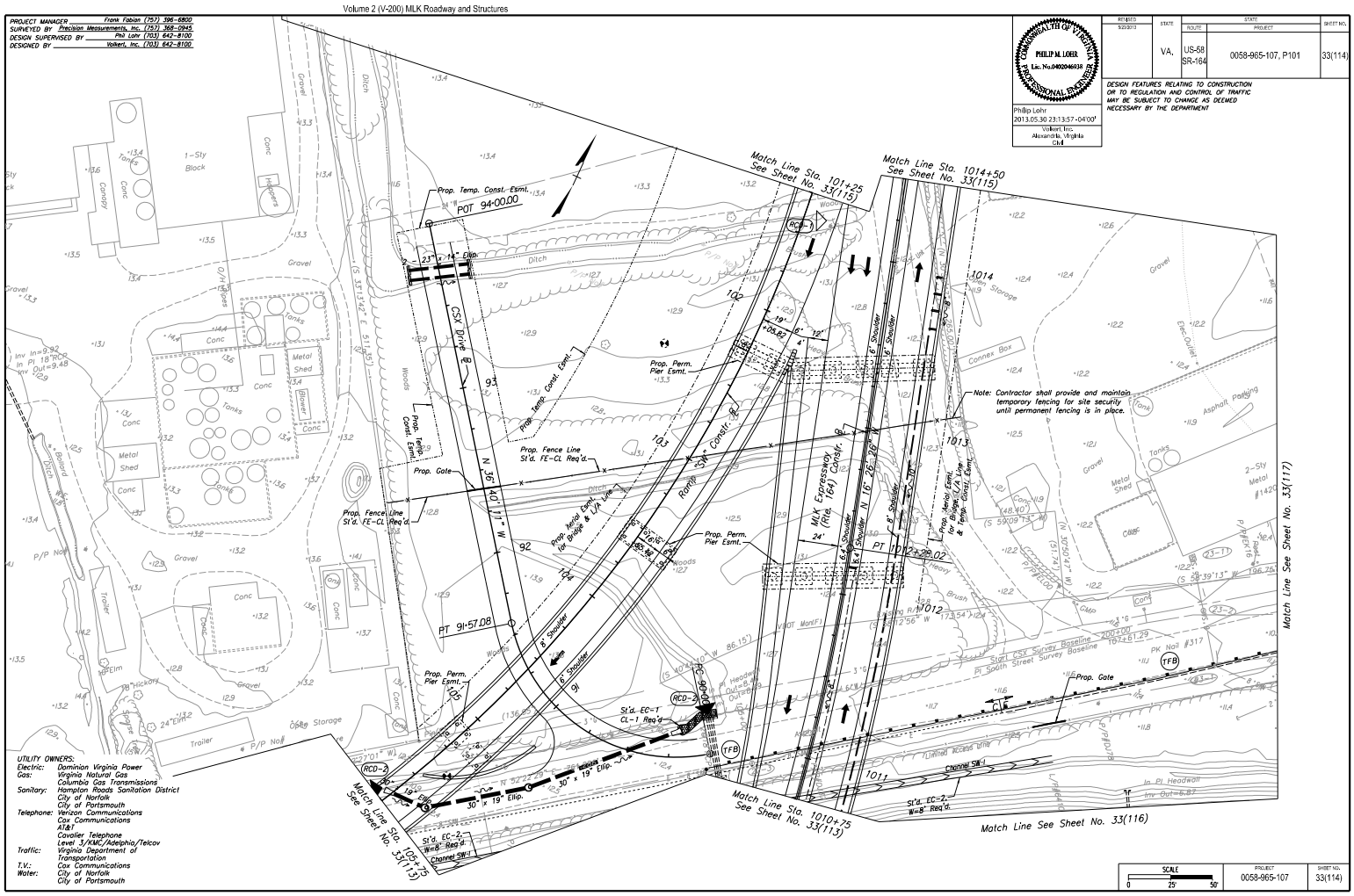
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:13:57 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(114)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
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Telephone: Verizon Communications
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Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'

PROJECT	SHEET NO.
0058-965-107	33(114)

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PROJECT MANAGER Frank Fabian (757) 396-6800
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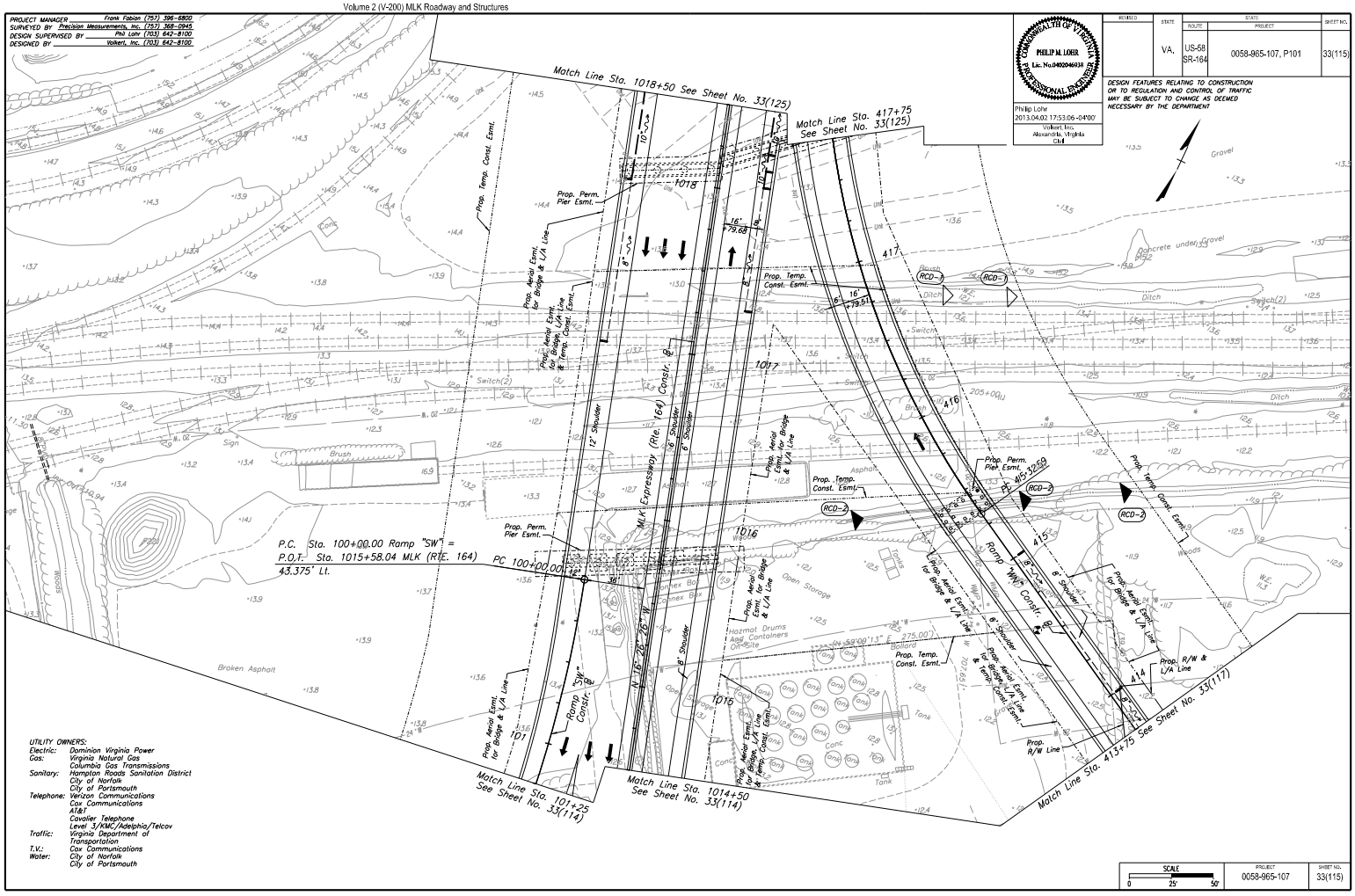
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.04.02 17:53:06 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US-58 SR-164	0058-965-107, P101	33(115)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
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Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
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Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(115)

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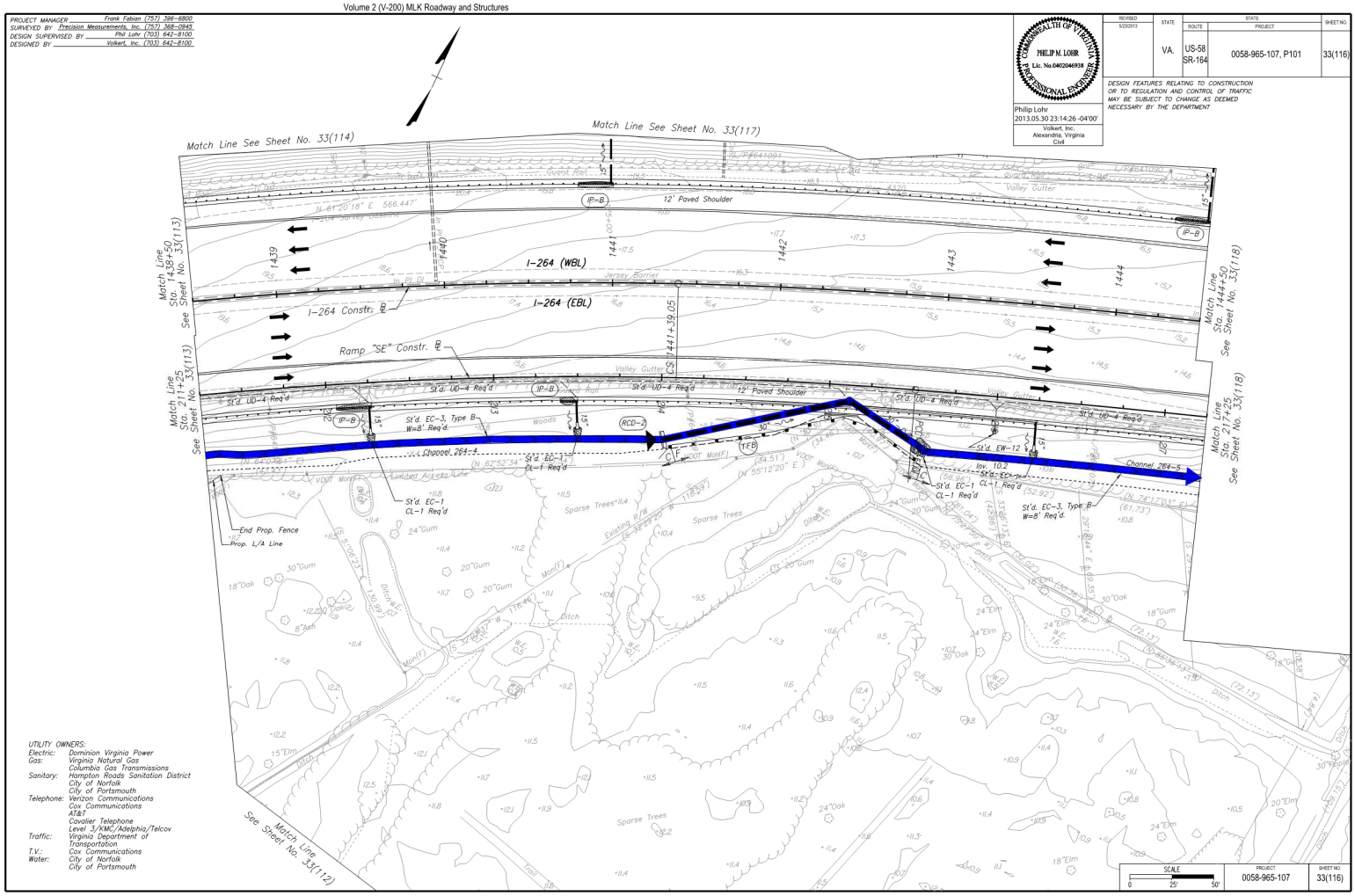
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:14:26 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(116)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



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Columbia Gas Transmissions
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City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
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T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(116)

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5/23/2013 9:10:29 AM

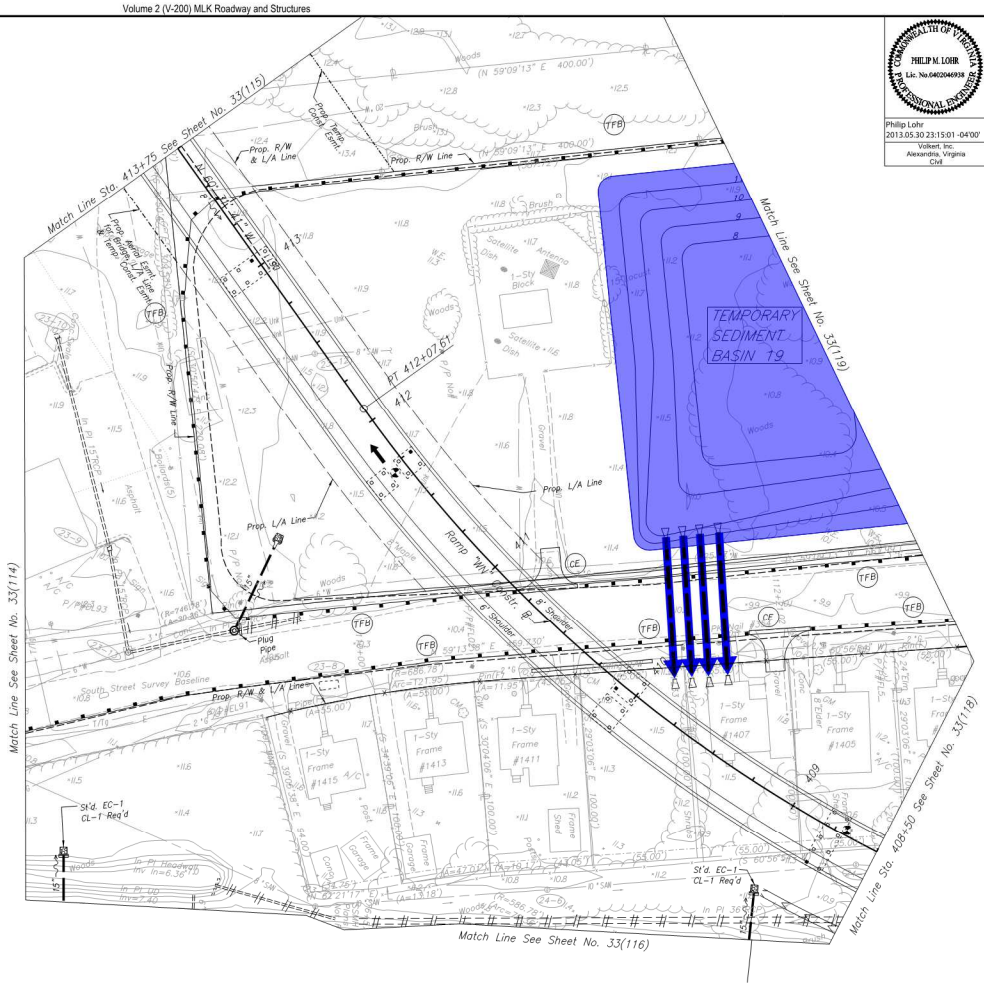
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:15:01 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(117)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(117)

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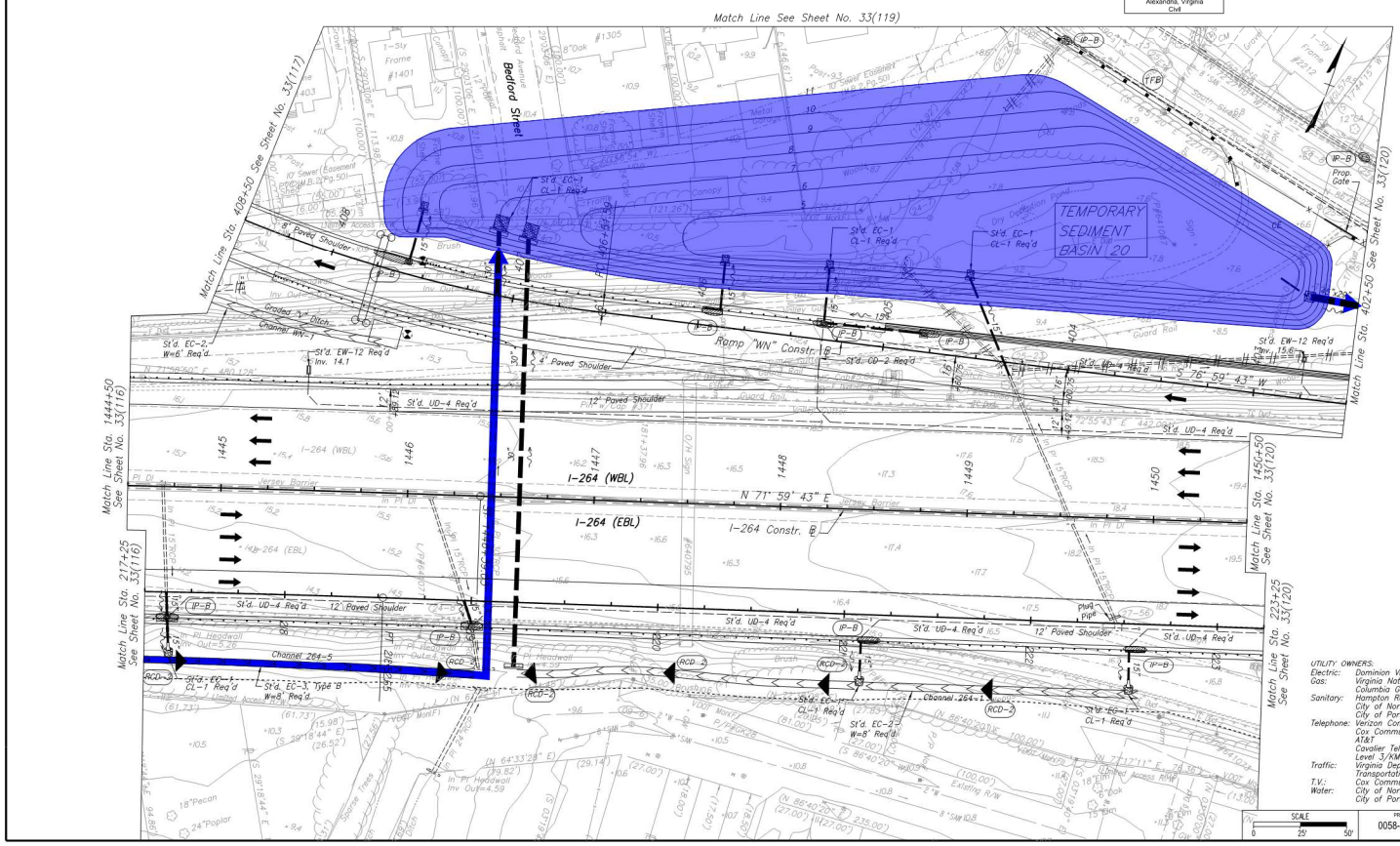
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:15:31 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(118)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(118)

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PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
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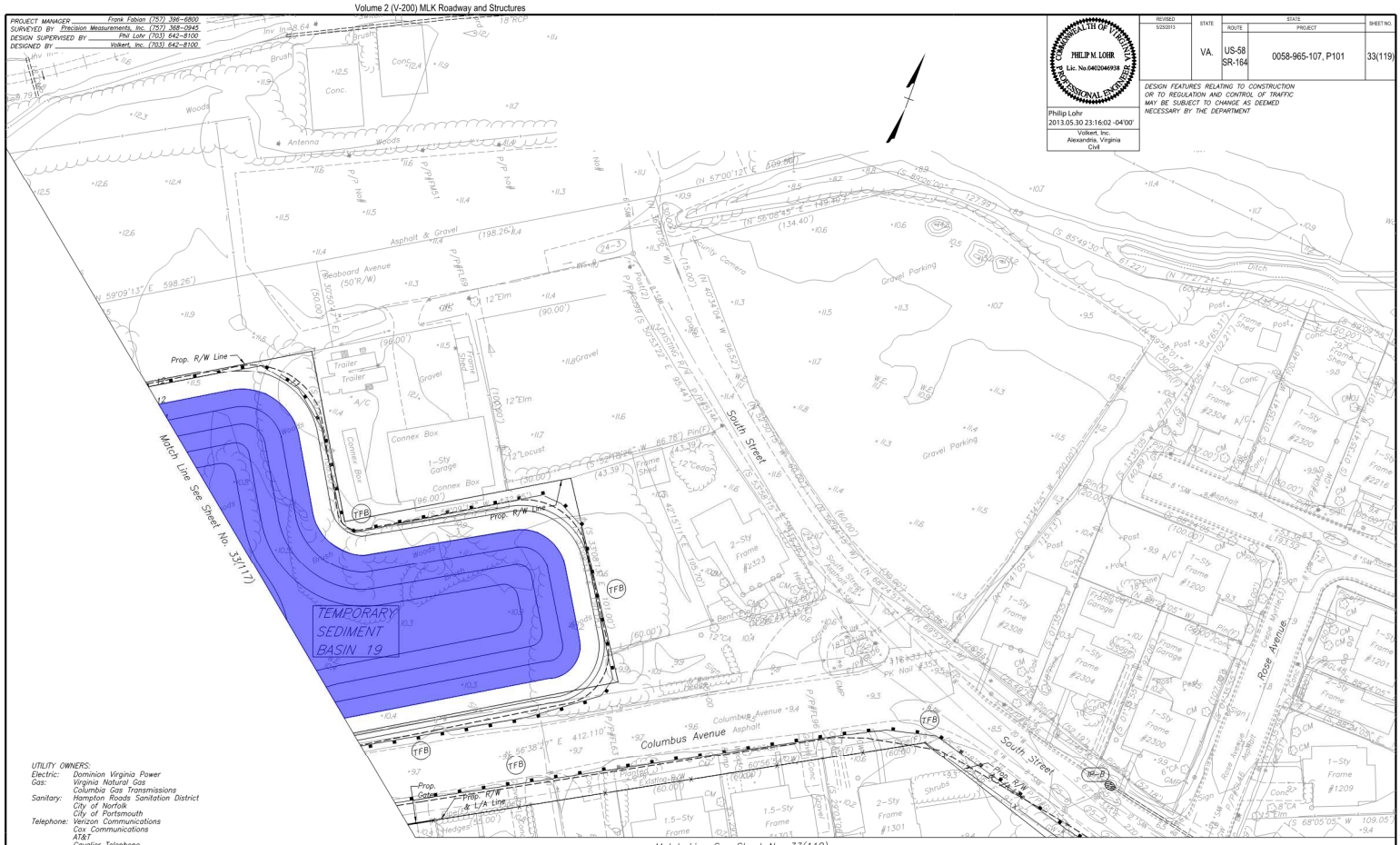
COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:16:02 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(119)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(119)

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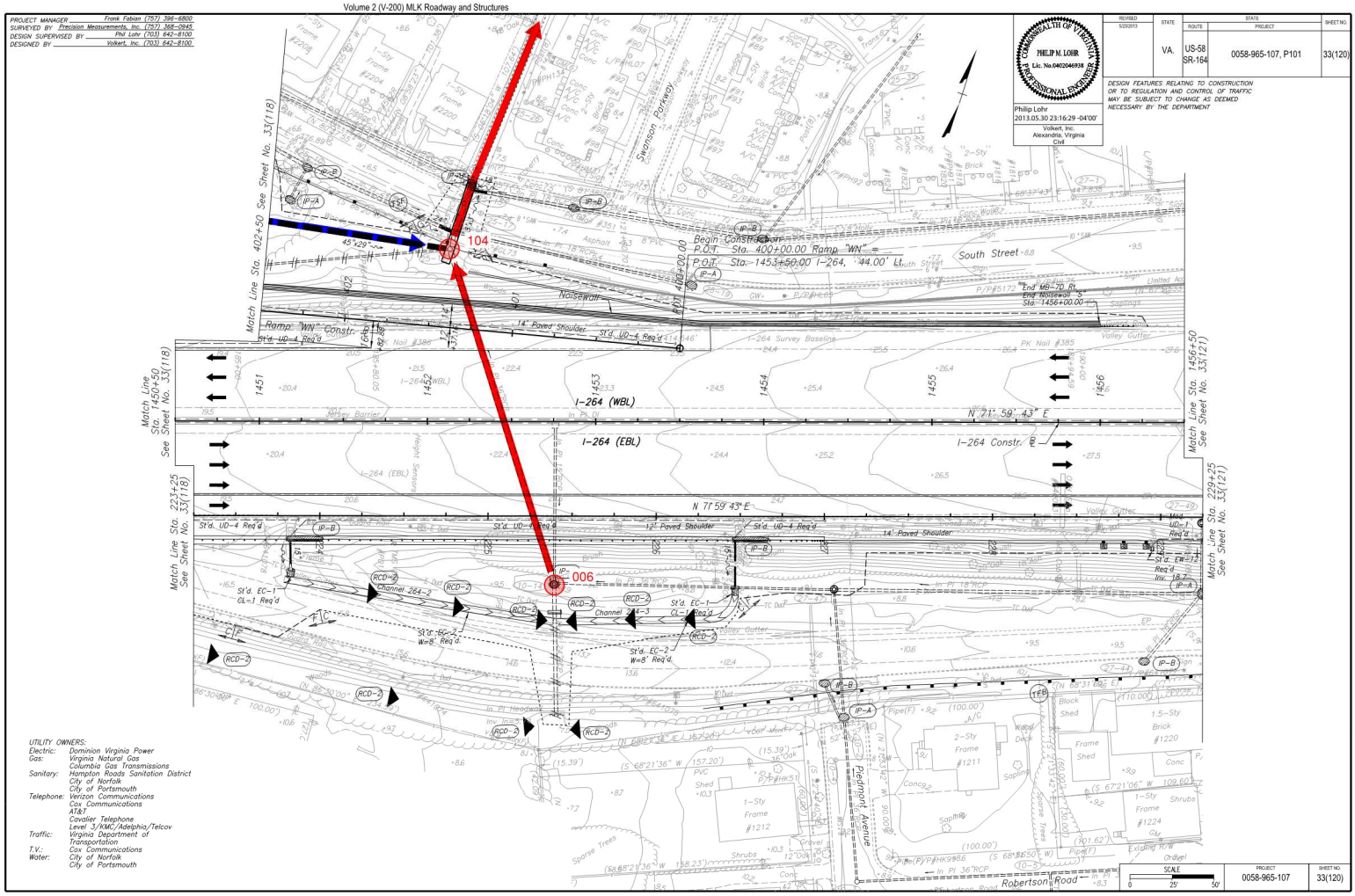
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:16:29 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(120)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(120)

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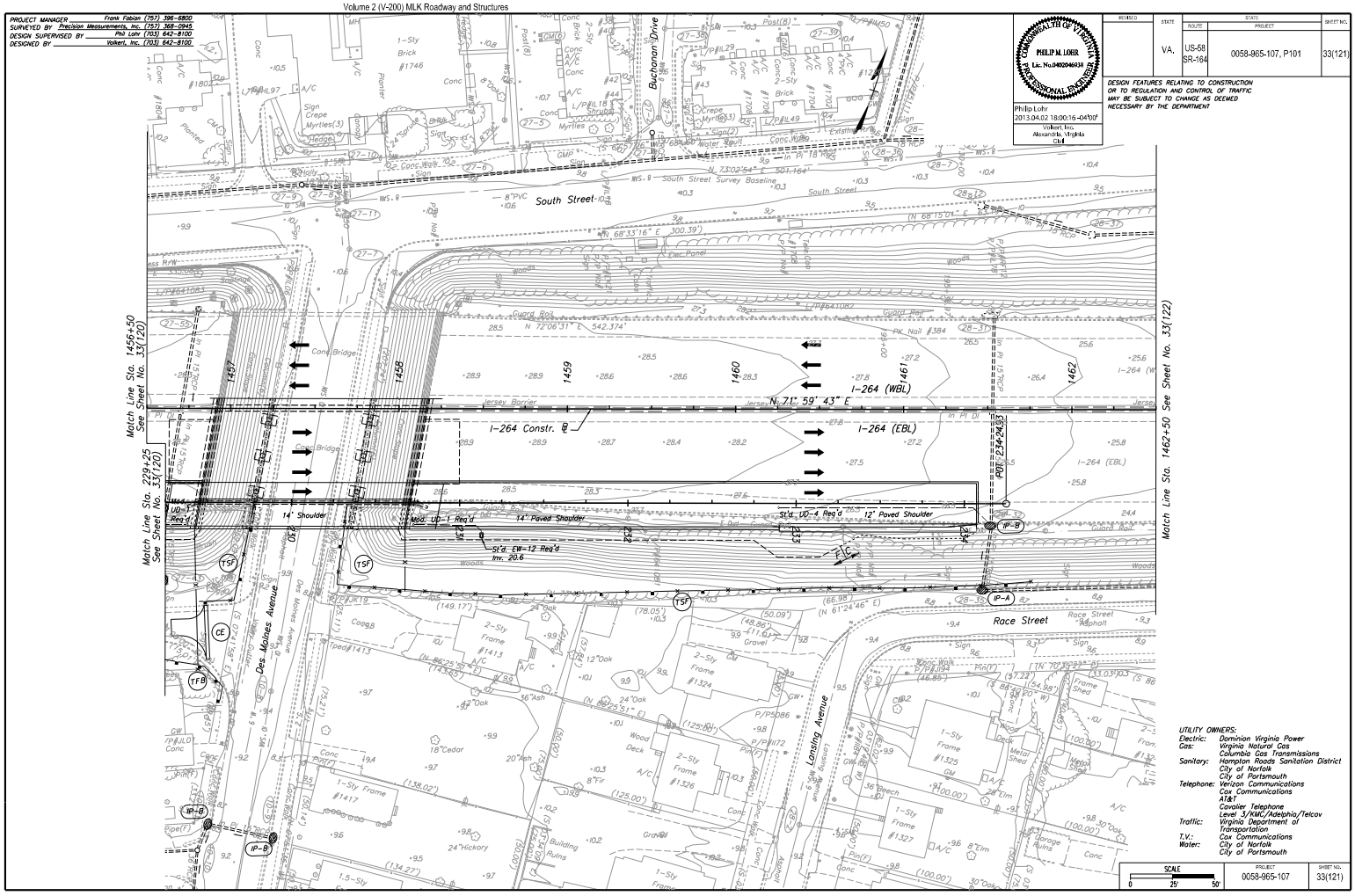
PROJECT MANAGER Frank Fabian (757) 596-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.04.02 18:00:16 -04'00'
Volkert, Inc.
Alexandria, Virginia
CM

RELATED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US-58 SR-164	0058-965-107, P101	33(121)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'

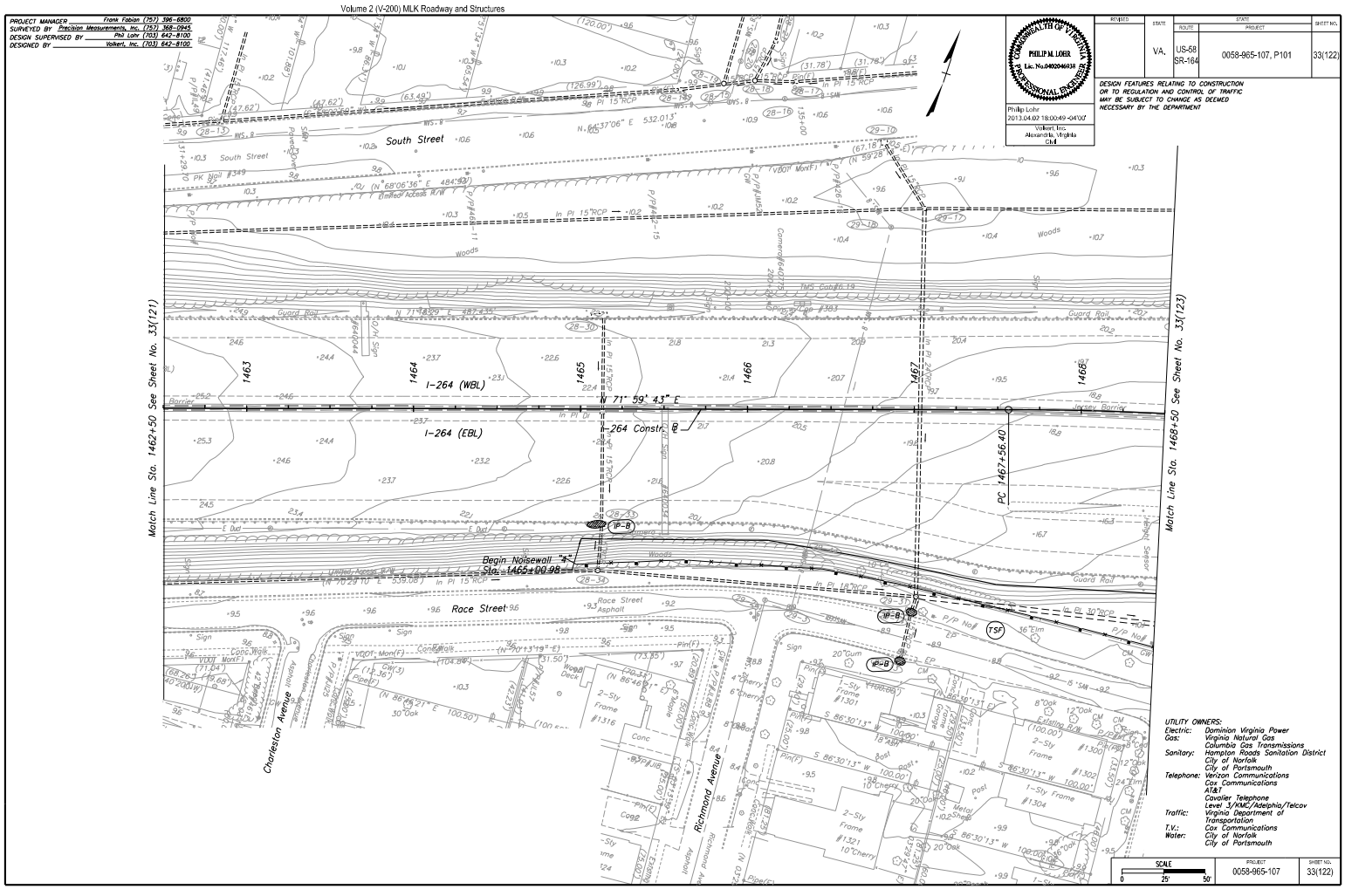
PROJECT	SHEET NO.
0058-965-107	33(121)

PROJECT MANAGER Frank Fabian (757) 596-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.04.02 18:00:49 -04'00'
Volkert, Inc.
Alexandria, Virginia
CM

RELATED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US-58 SR-164	0058-965-107, P101	33(122)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'

PROJECT	SHEET NO.
0058-965-107	33(122)

PROJECT MANAGER Frank Fabian (757) 596-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
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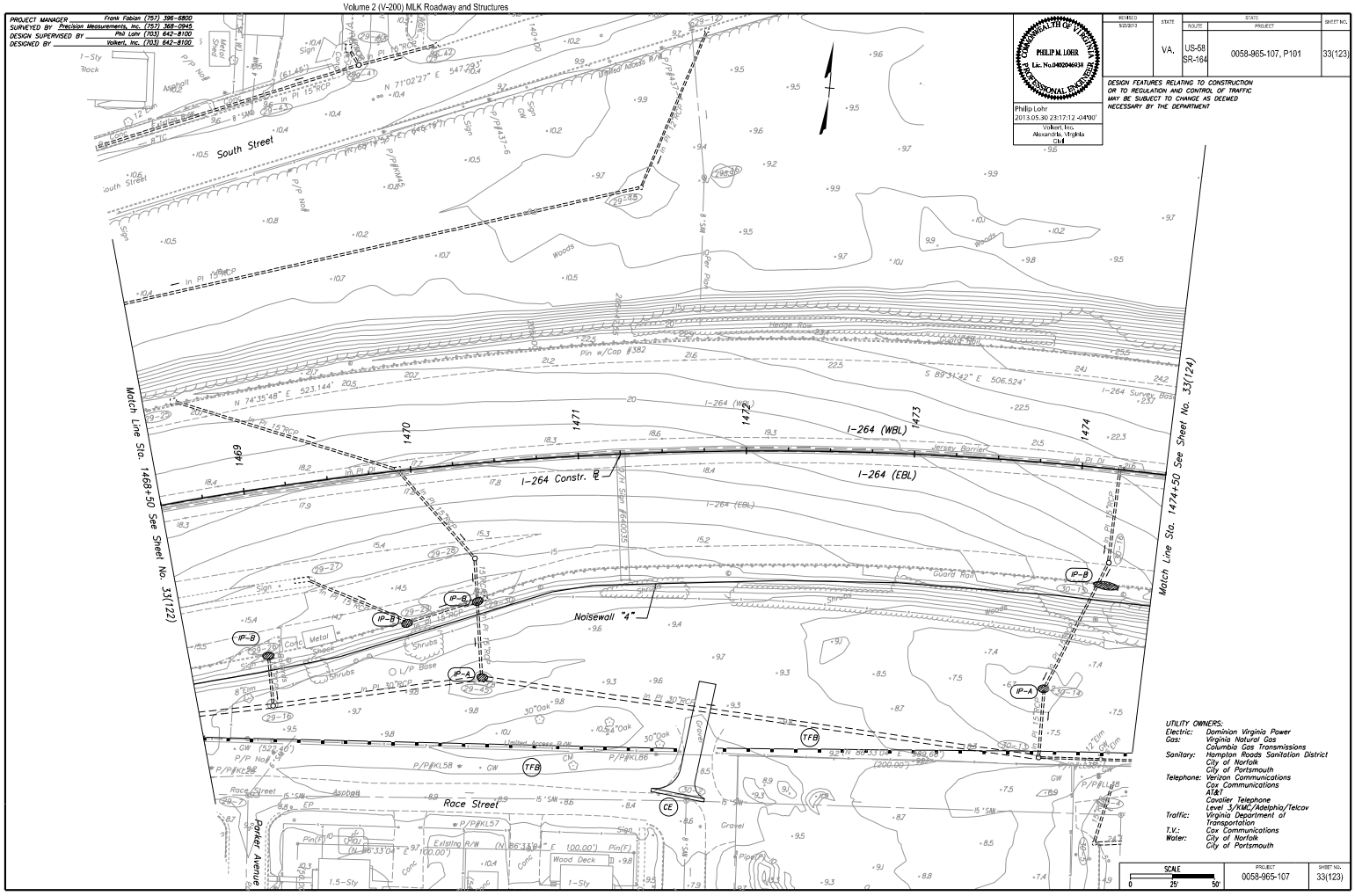
COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.05.30 23:17:12 -04'00'
Volkert, Inc.
Alexandria, Virginia
CM

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(123)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'

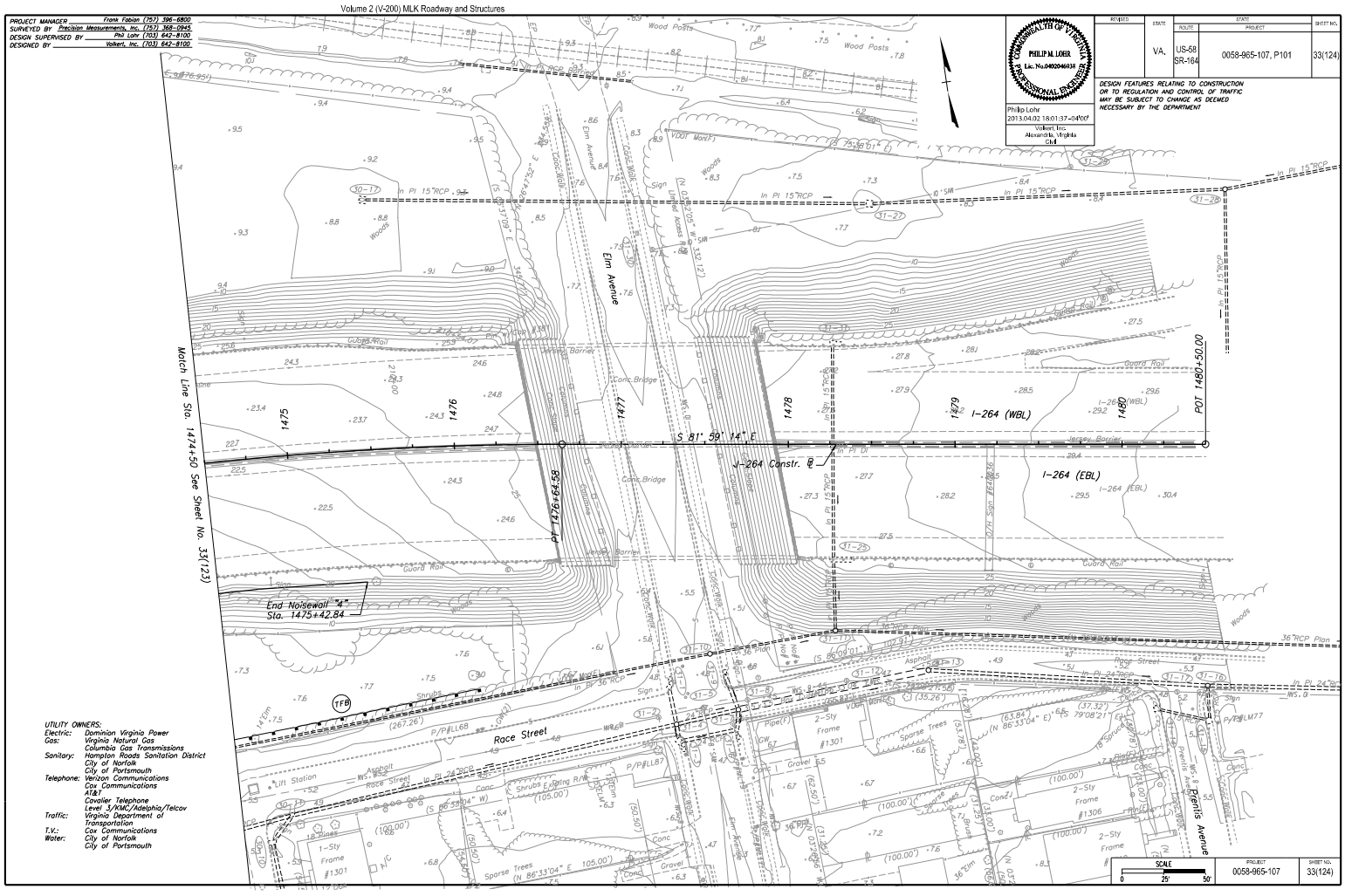
PROJECT	SHEET NO.
0058-965-107	33(123)

PROJECT MANAGER Frank Fabian (757) 596-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.04.02 18:01:37 -04'00'
Volkert, Inc.
Alexandria, Virginia
CM

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US-58 SR-164	0058-965-107, P101	33(124)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'

PROJECT	SHEET NO.
0058-965-107	33(124)

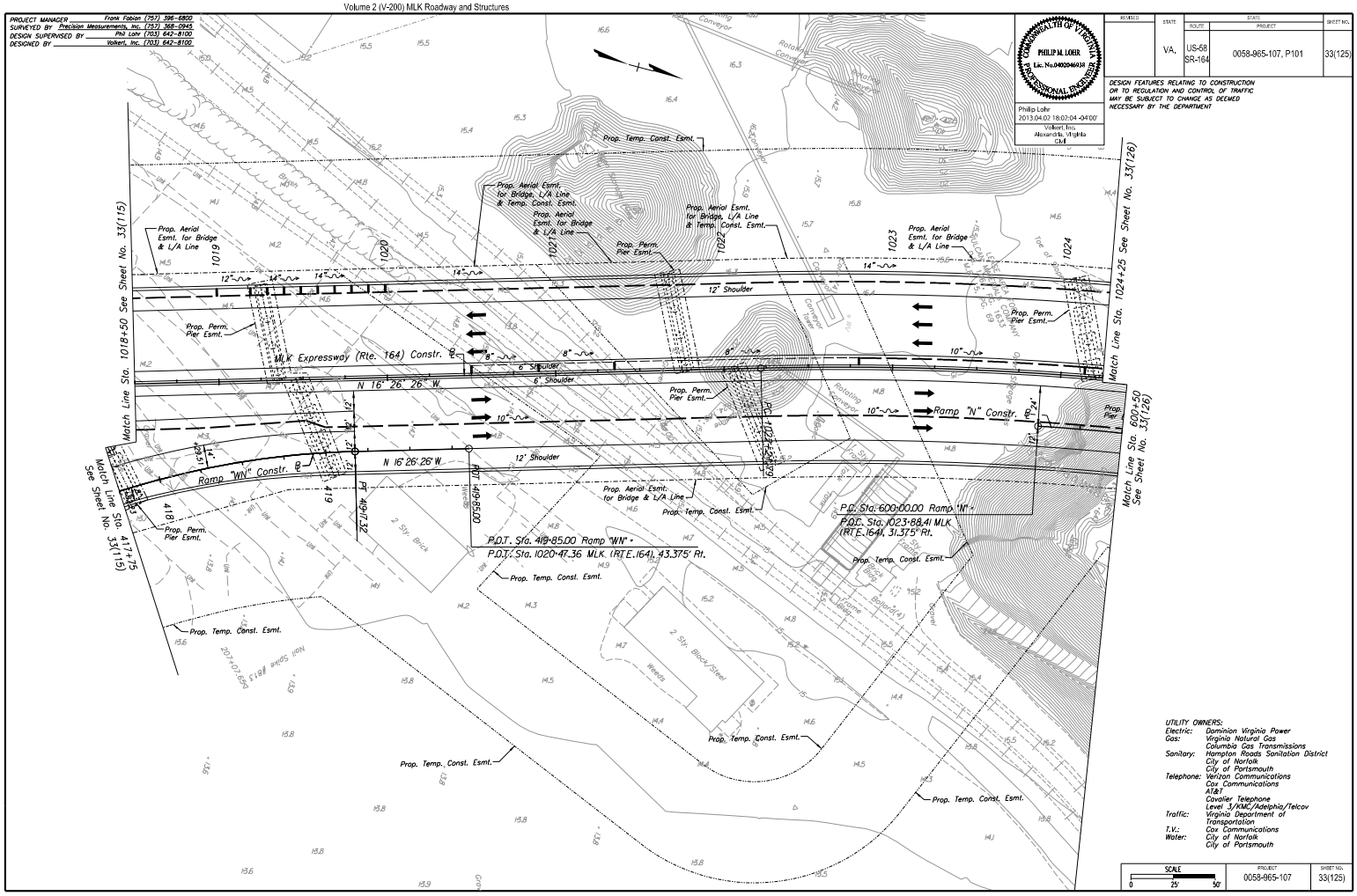
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.04.02 18:02:04 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
	VA.	US-58 SR-164	0058-965-107, P101	33(125)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE	PROJECT	SHEET NO.
0 25' 50'	0058-965-107	33(125)

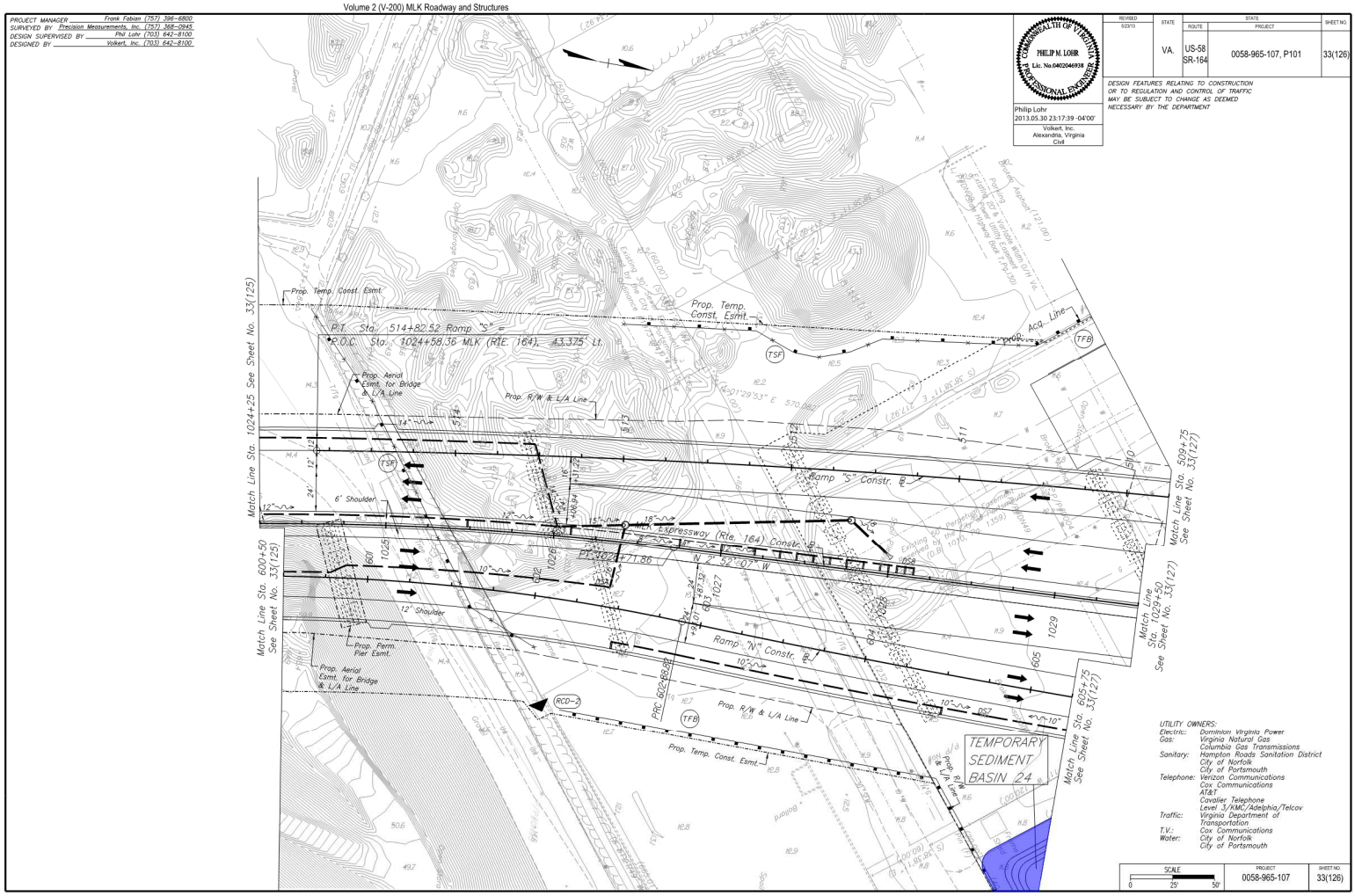
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:17:39 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/13	VA.	US-58 SR-164	0058-965-107, P101	33(126)

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE	PROJECT	SHEET NO.
0 25' 50'	0058-965-107	33(126)

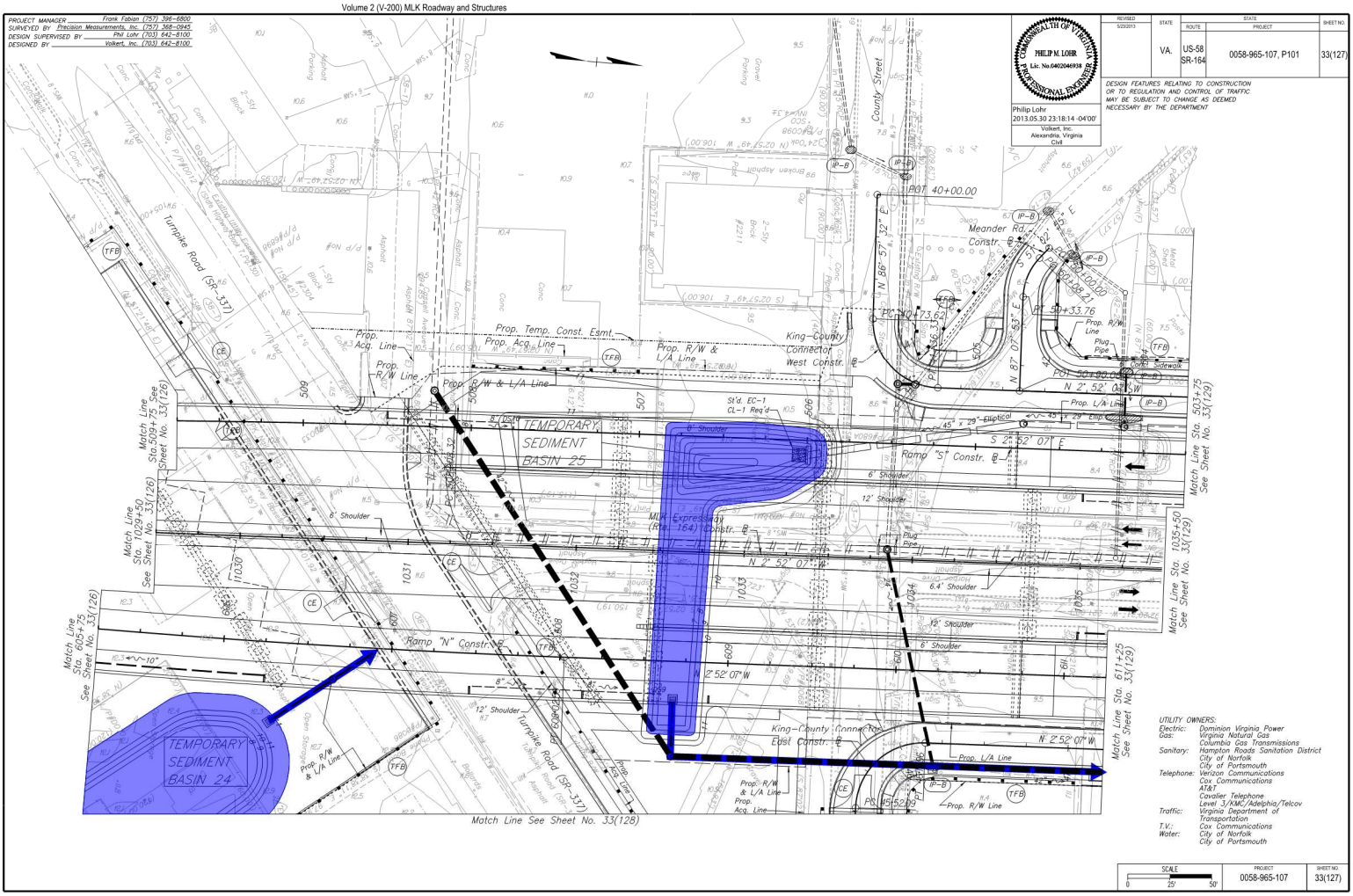
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(127)

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:18:14 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/XMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(127)

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5/23/2013
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PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
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DESIGNED BY Volkert, Inc. (703) 642-8100

UTILITY OWNERS:
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Traffic: Virginia Department of Transportation
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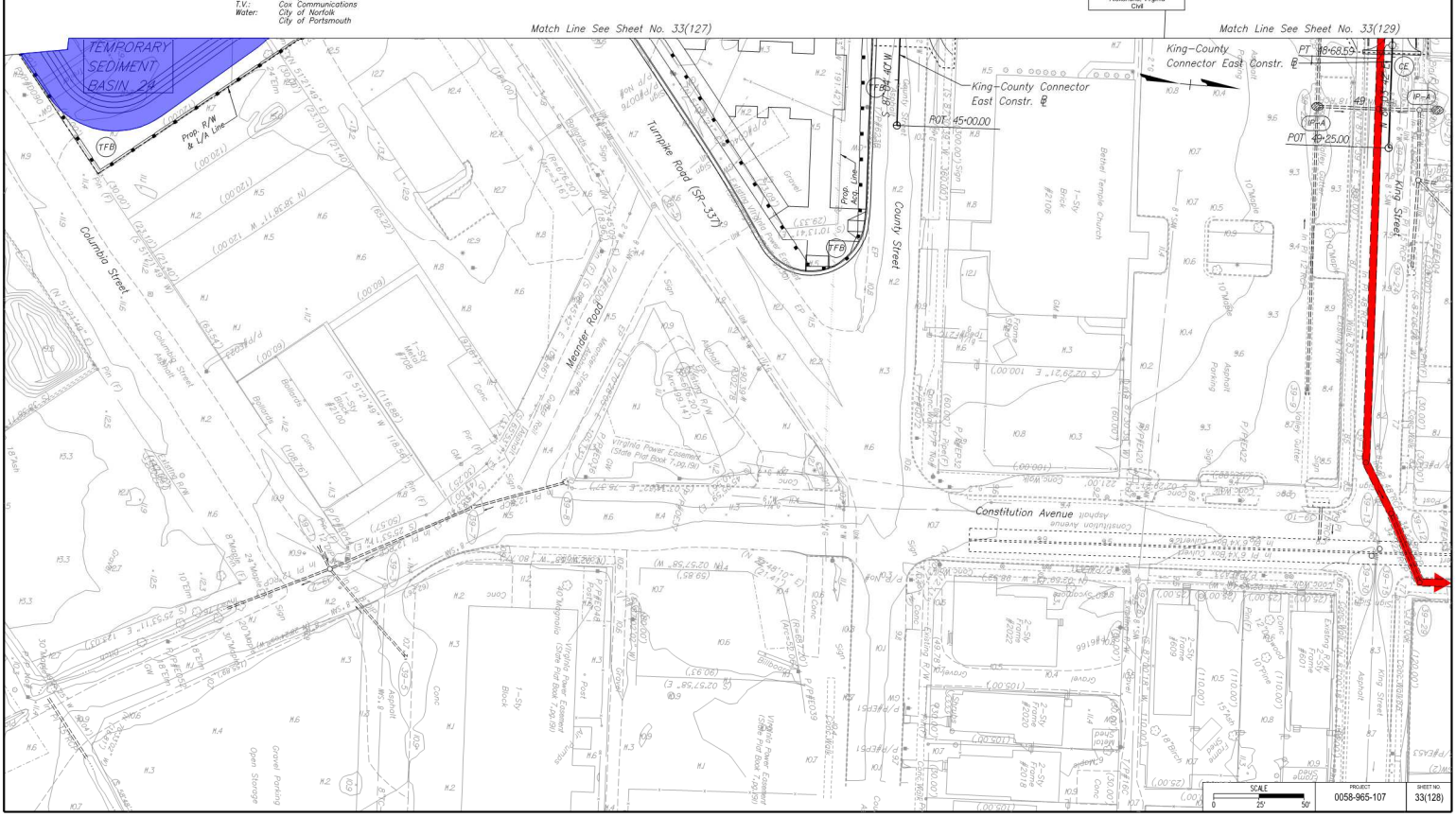
Water: City of Norfolk
City of Portsmouth

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(128)

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:18:44 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(128)

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5/23/2013
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PROJECT MANAGER Frank Fabian (757) 396-6800
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UTILITY OWNERS:
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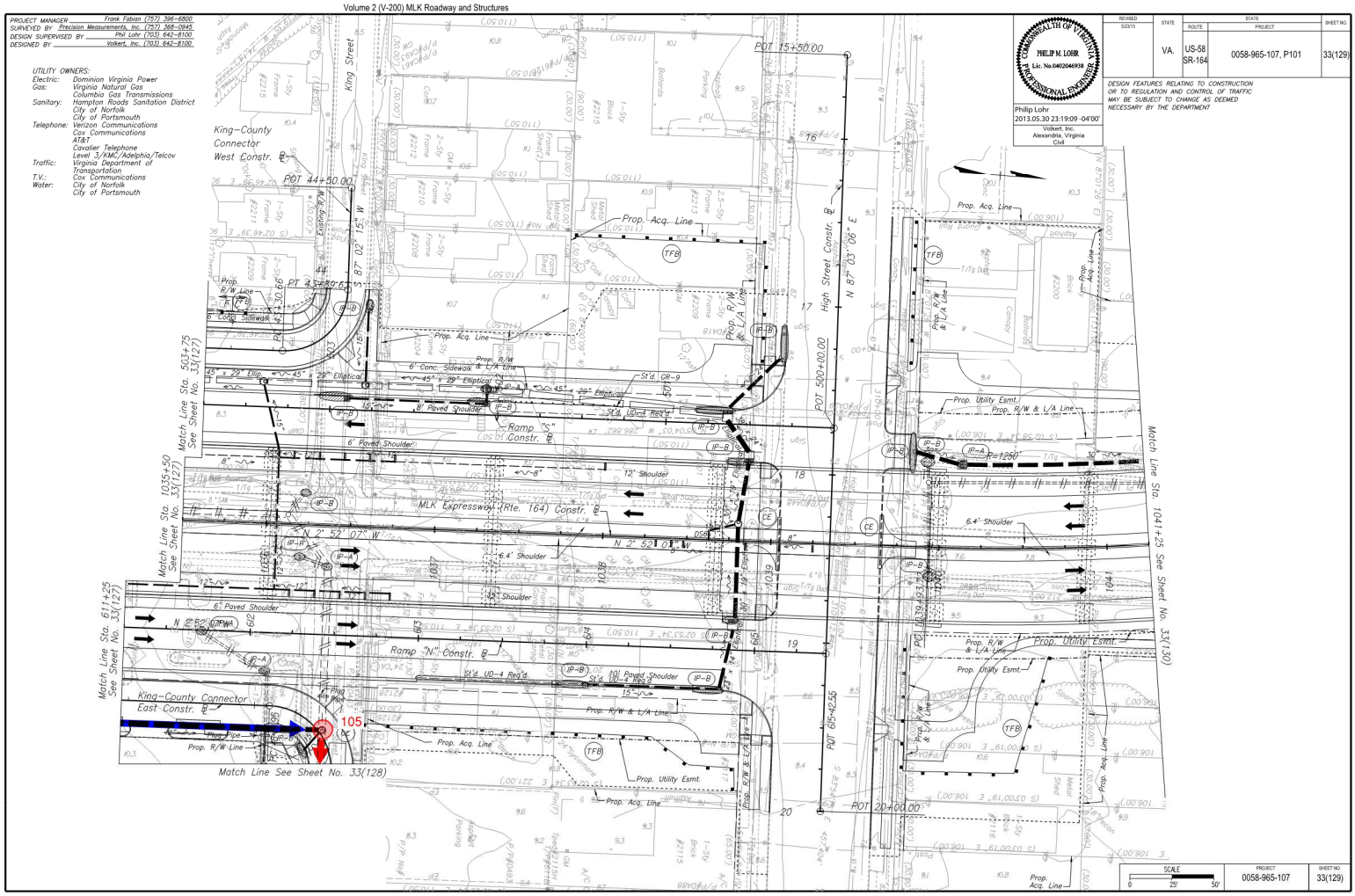
Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth



REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/13	VA.	US-58 SR-164	0058-965-107, P101	33(129)

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.05.30 23:19:09 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(129)

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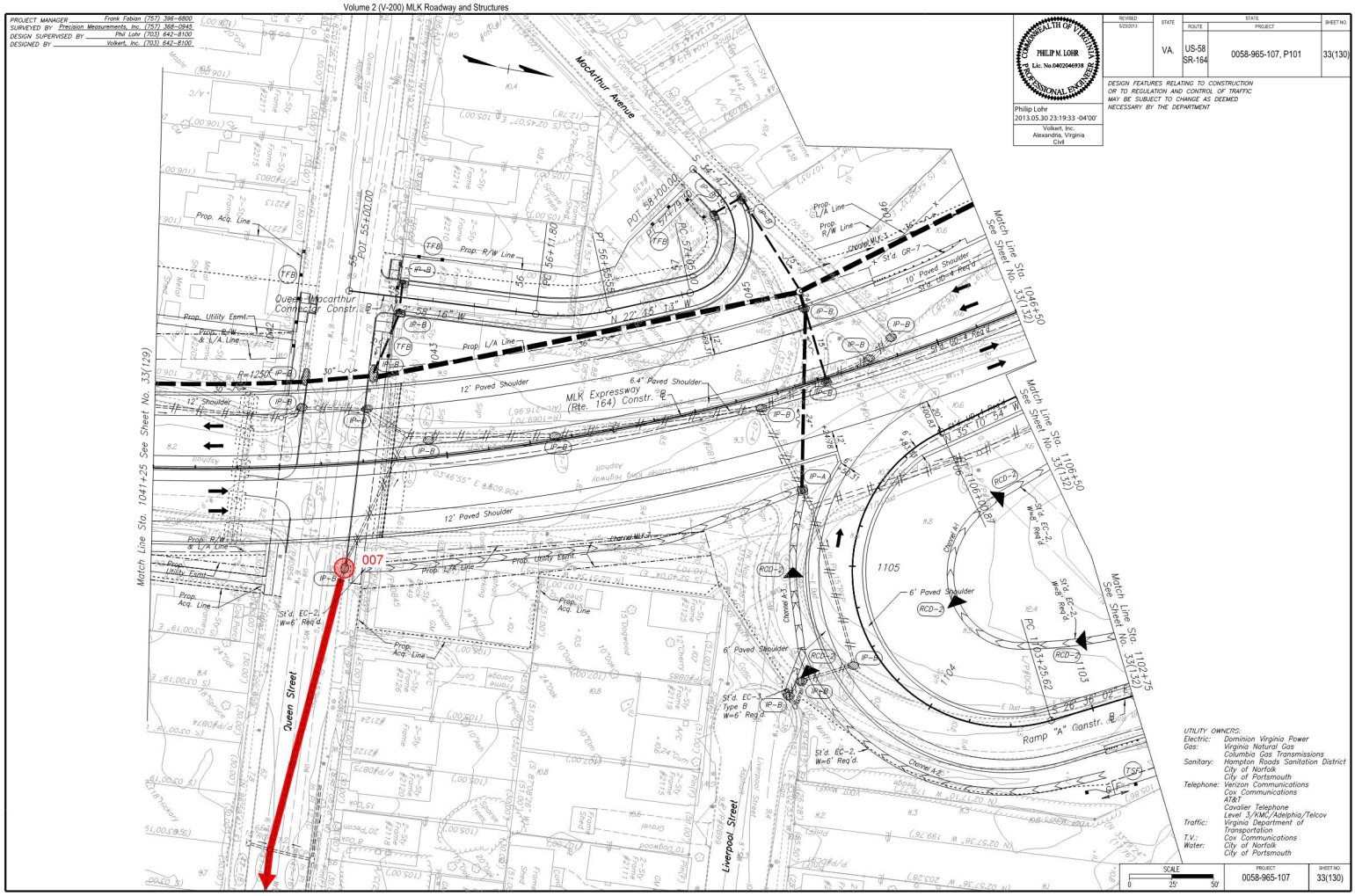
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100



REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(130)

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER
Philip Lohr
2013.05.30 23:19:33 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Traffic: Level 3/KMC/Adelphia/Telcov
Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE 0 25' 50'
PROJECT 0058-965-107
SHEET NO. 33(130)

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5/23/2013
9:16:33 AM

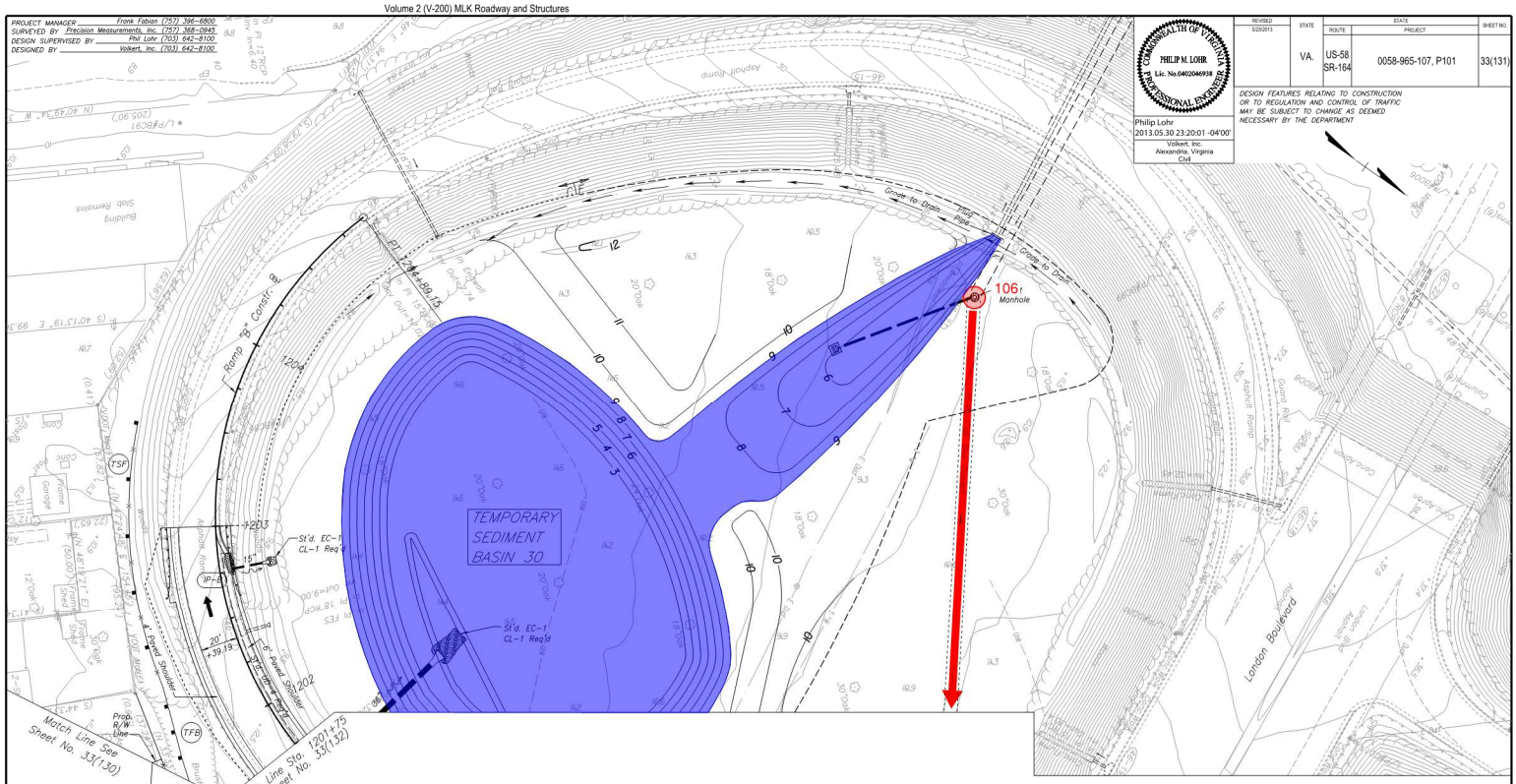
PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(131)

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:20:01 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT



UTILITY OWNERS:
Electric: Dominion Virginia Power
Gas: Virginia Natural Gas
Columbia Gas Transmissions
Sanitary: Hampton Roads Sanitation District
City of Norfolk
City of Portsmouth
Telephone: Verizon Communications
Cox Communications
AT&T
Cavalier Telephone
Level 3/KMC/Adelphia/Telcov
Traffic: Virginia Department of Transportation
T.V.: Cox Communications
Water: City of Norfolk
City of Portsmouth

SCALE	PROJECT	SHEET NO.
0 25' 50'	0058-965-107	33(131)

PROJECT MANAGER Frank Fabian (757) 396-6800
SURVEYED BY Precision Measurements, Inc. (757) 368-0945
DESIGN SUPERVISED BY Phil Lohr (703) 642-8100
DESIGNED BY Volkert, Inc. (703) 642-8100

REVISED	STATE	ROUTE	PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(132)

COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
Lic. No.0402046938
PROFESSIONAL ENGINEER

Philip Lohr
2013.05.30 23:20:28 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

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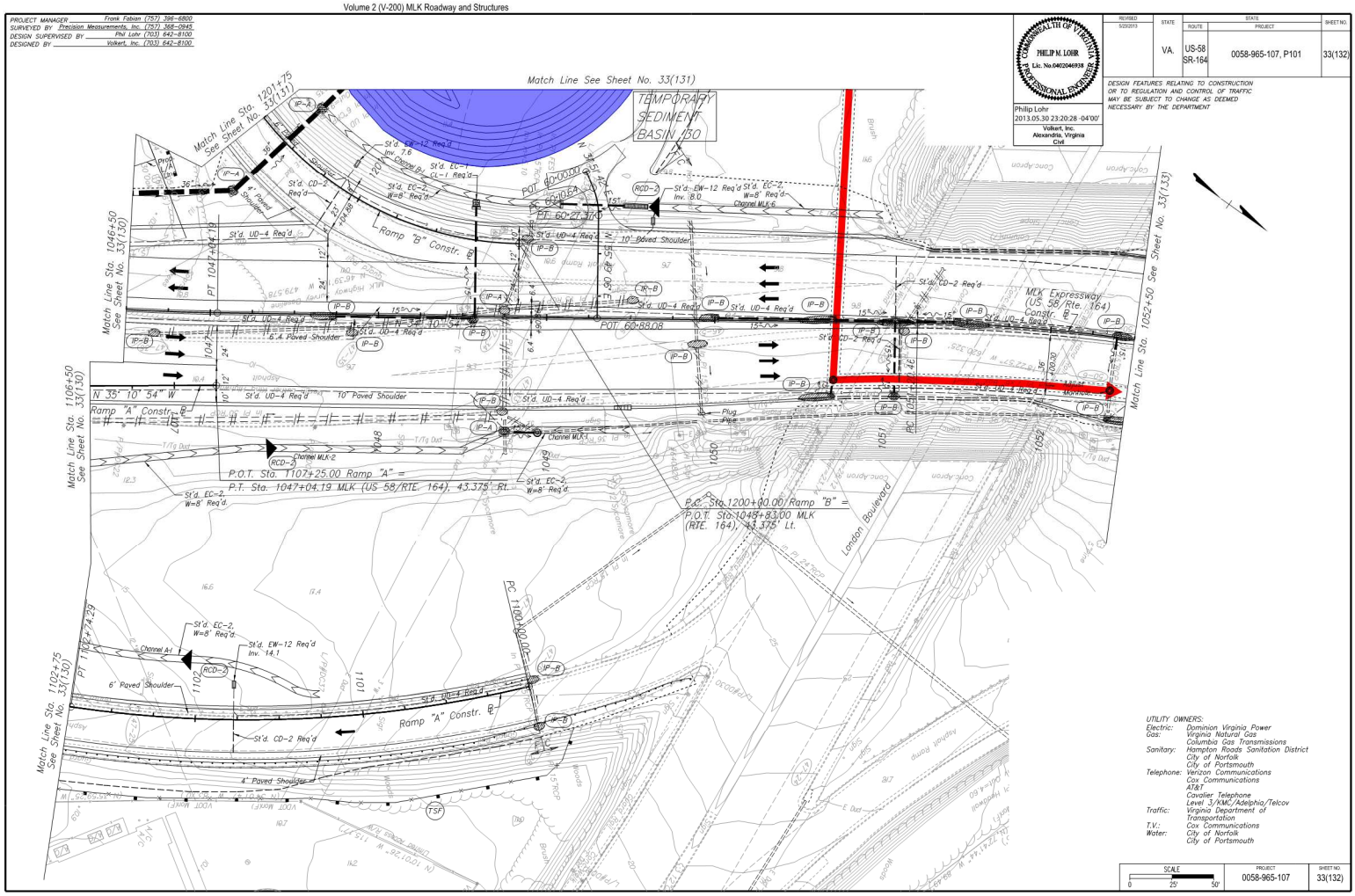

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COMMONWEALTH OF VIRGINIA
PHILIP M. LOHR
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Philip Lohr
2013.05.30 23:21:02 -04'00'
Volkert, Inc.
Alexandria, Virginia
Civil

REVISED	STATE	STATE ROUTE	STATE PROJECT	SHEET NO.
5/23/2013	VA.	US-58 SR-164	0058-965-107, P101	33(133)

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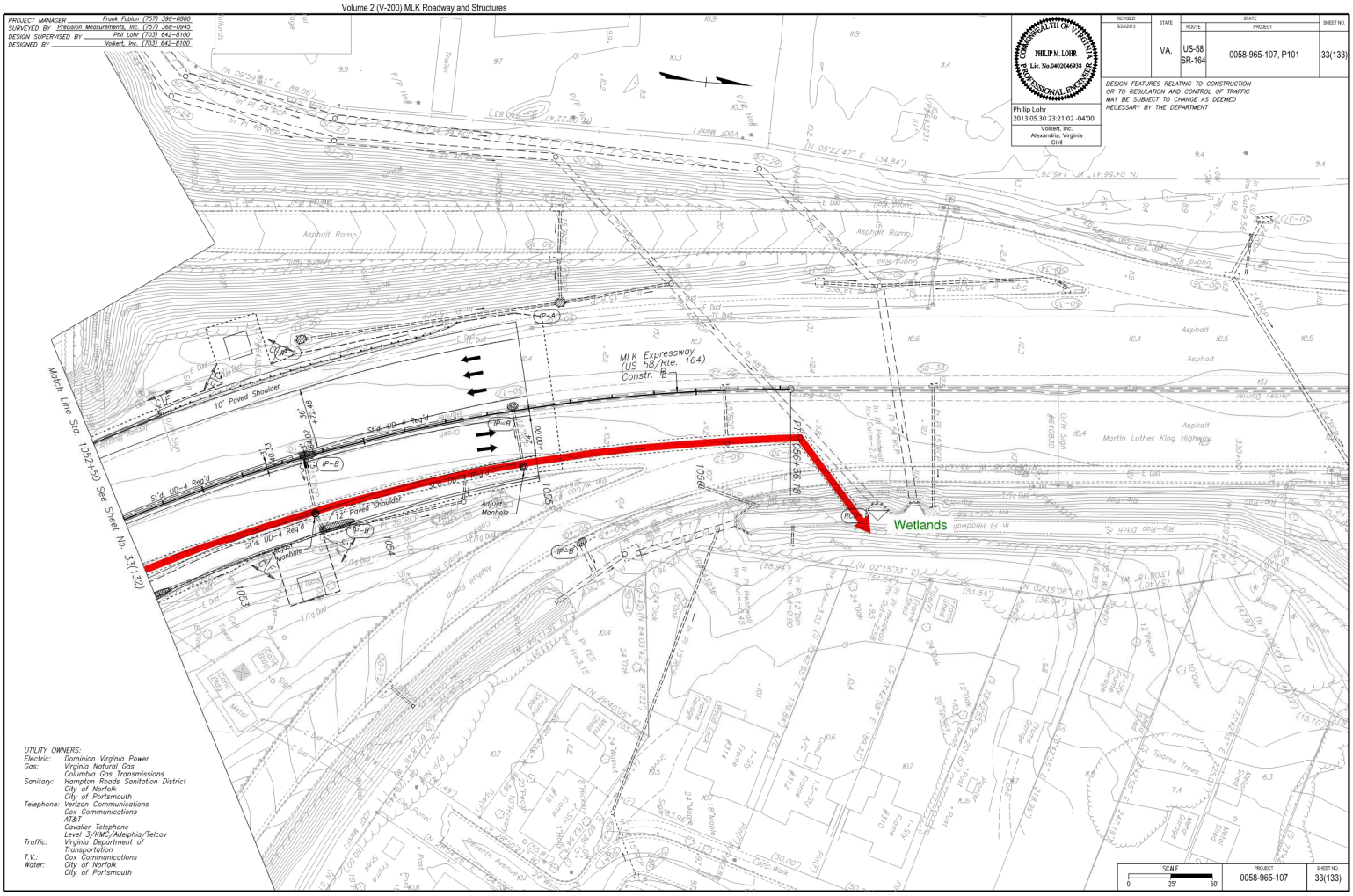

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Water:	City of Norfolk City of Portsmouth

SCALE 0 25' 50'

PROJECT	SHEET NO.
0058-965-107	33(133)

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