

#### Limits of Disturbance

- Permanent
- Temporary

#### Jurisdictional Wetlands and Waters

- Ditches
- Streams
- E1UB
- E2EM
- E2FO
- E2SS
- PEM
- PFO
- PSS
- PUB

#### Impact Type

- Ditches
- Permanent
- Temporary
- Streams
- Permanent
- Temporary
- Other
- Permanent
- Temporary

- Navigation Channel
- Segment Divider
- Existing EOP
- Proposed EOP & Paved Shoulder
- Guardrail

- SWM Facility
- SWM Dry Swale
- SWM Wet Swale
- SWM Grass Channel
- Sediment Removal at Channel Invert

**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
 I-64 Southside Widening & High Rise Bridge  
 CHESAPEAKE, VIRGINIA

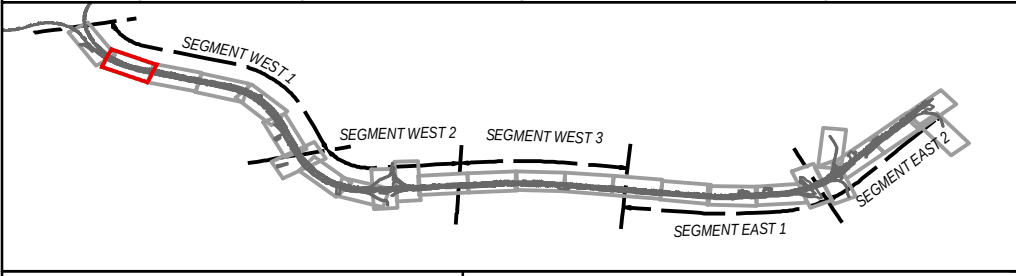
0 75 150 300 Feet

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SHEET 27 of 57



Applicant: GPC CJV  
 Purpose: Roadway Improvements  
 VDOT Project No. 0064-131-811, P101  
 UPC: 106692

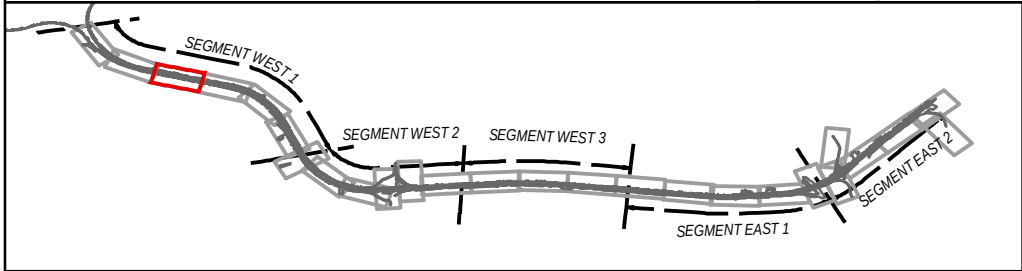
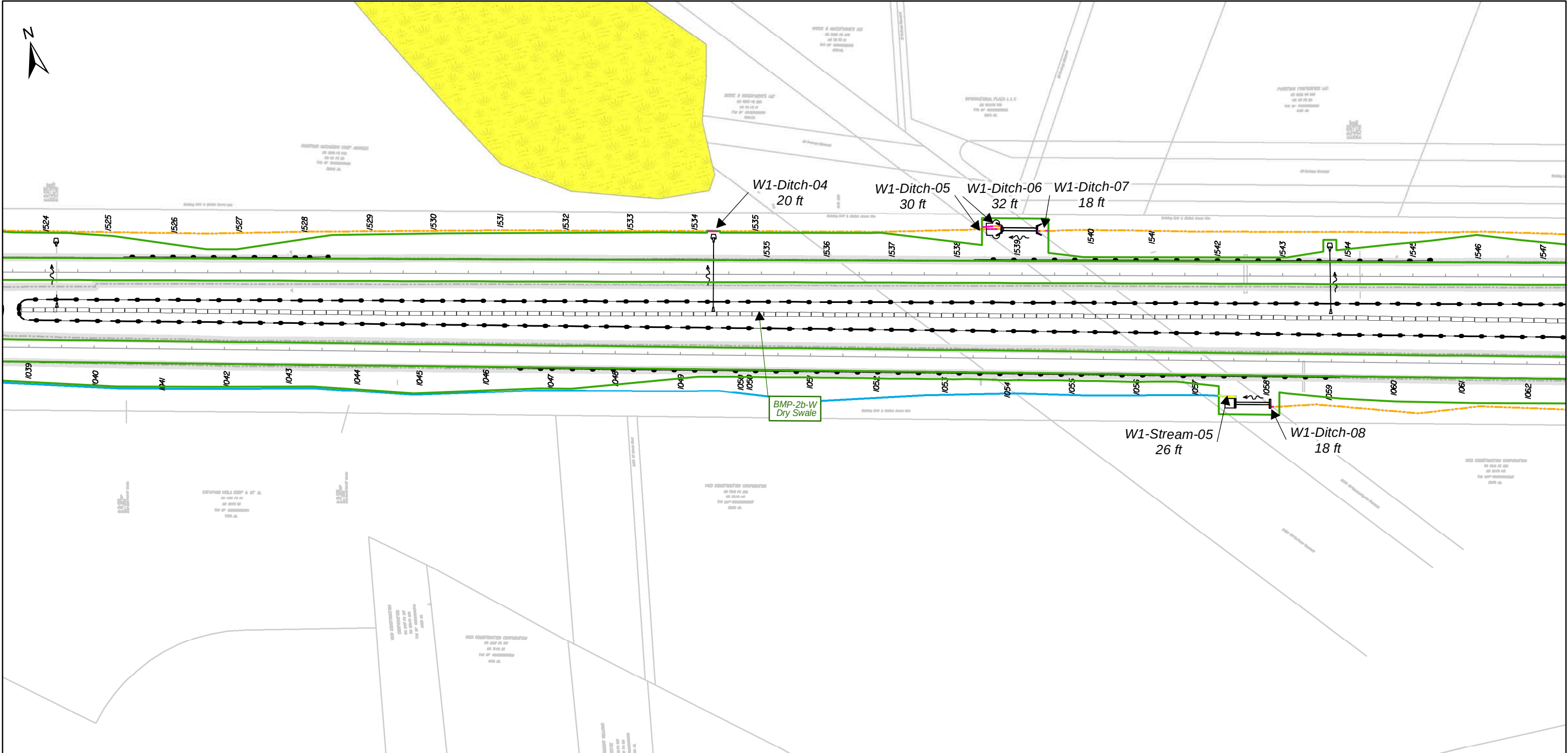


| Limits of Disturbance | Jurisdictional Wetlands and Waters | Impact Type | Other     | Navigation Channel            | SWM Facility                       |
|-----------------------|------------------------------------|-------------|-----------|-------------------------------|------------------------------------|
| Permanent             | Ditches                            | Ditches     | Permanent | Navigation Channel            | SWM Dry Swale                      |
| Temporary             | Streams                            | Streams     | Temporary | Segment Divider               | SWM Wet Swale                      |
|                       | E1UB                               | Streams     | Permanent | Existing EOP                  | SWM Grass Channel                  |
|                       | E2EM                               | Streams     | Temporary | Proposed EOP & Paved Shoulder | Sediment Removal at Channel Invert |
|                       | E2FO                               | Streams     | Permanent | Guardrail                     |                                    |
|                       | PFO                                | Streams     | Temporary |                               |                                    |
|                       | PSS                                | Streams     |           |                               |                                    |
|                       | PUB                                | Streams     |           |                               |                                    |



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| Limits of Disturbance | Jurisdictional Wetlands and Waters | Impact Type | Other     | Navigation Channel            | SWM Facility                       |
|-----------------------|------------------------------------|-------------|-----------|-------------------------------|------------------------------------|
| Permanent             | Ditches                            | Ditches     | Permanent | Navigation Channel            | SWM Dry Swale                      |
| Temporary             | Streams                            | Streams     | Temporary | Segment Divider               | SWM Wet Swale                      |
|                       | E1UB                               | Permanent   | Other     | Existing EOP                  | SWM Grass Channel                  |
|                       | E2EM                               | Temporary   | Permanent | Proposed EOP & Paved Shoulder | Sediment Removal at Channel Invert |
|                       | E2FO                               | Permanent   | Temporary | Guardrail                     |                                    |
|                       | PUB                                | Temporary   |           |                               |                                    |



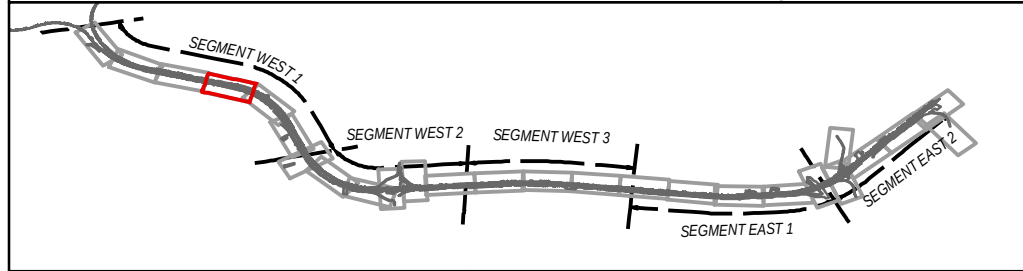
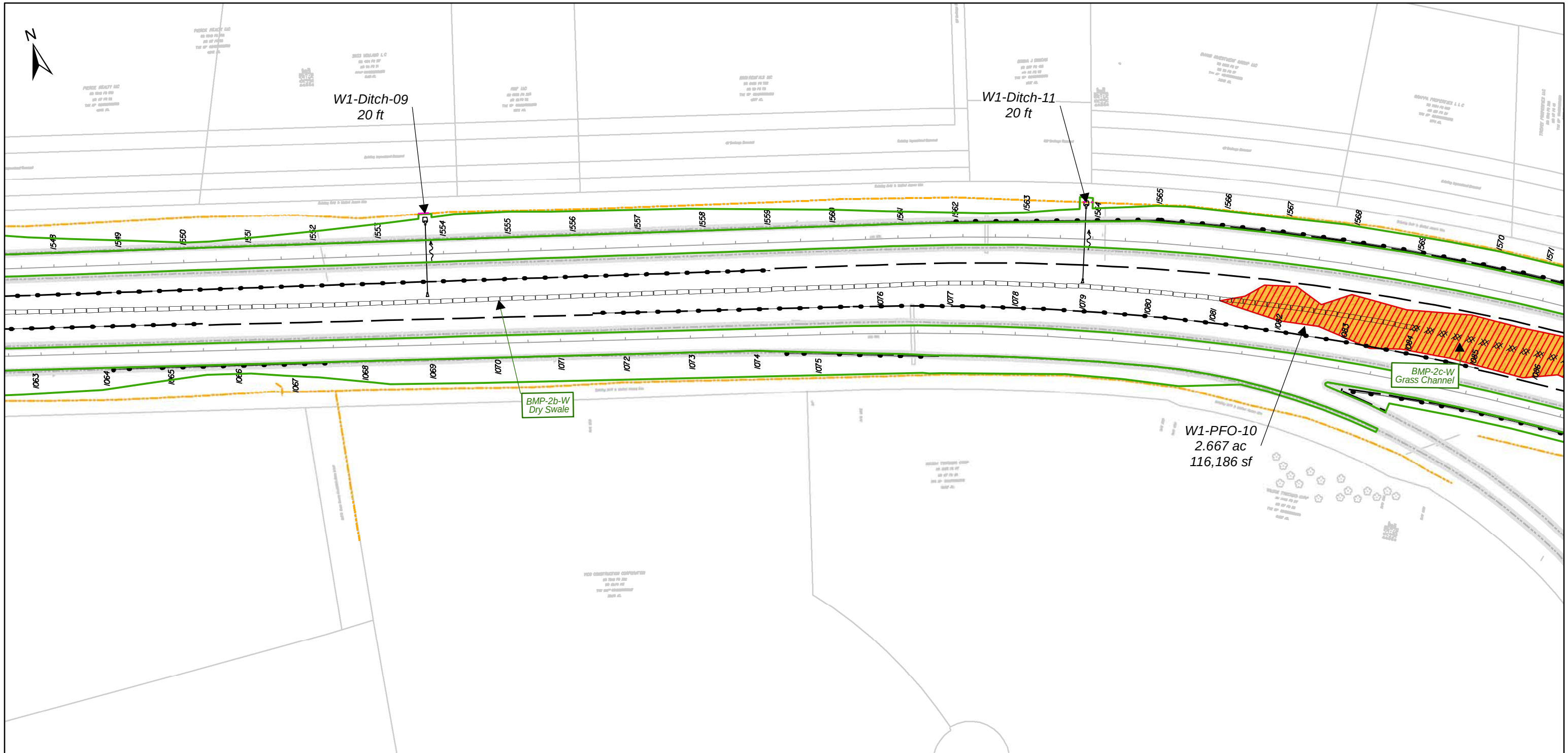
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**PROPOSED CONDITIONS**  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA

075150300  
Feet

FEB 2018

SHEET 29 of 57

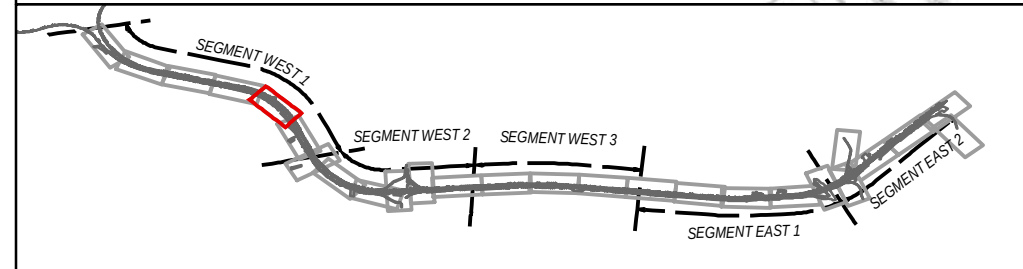
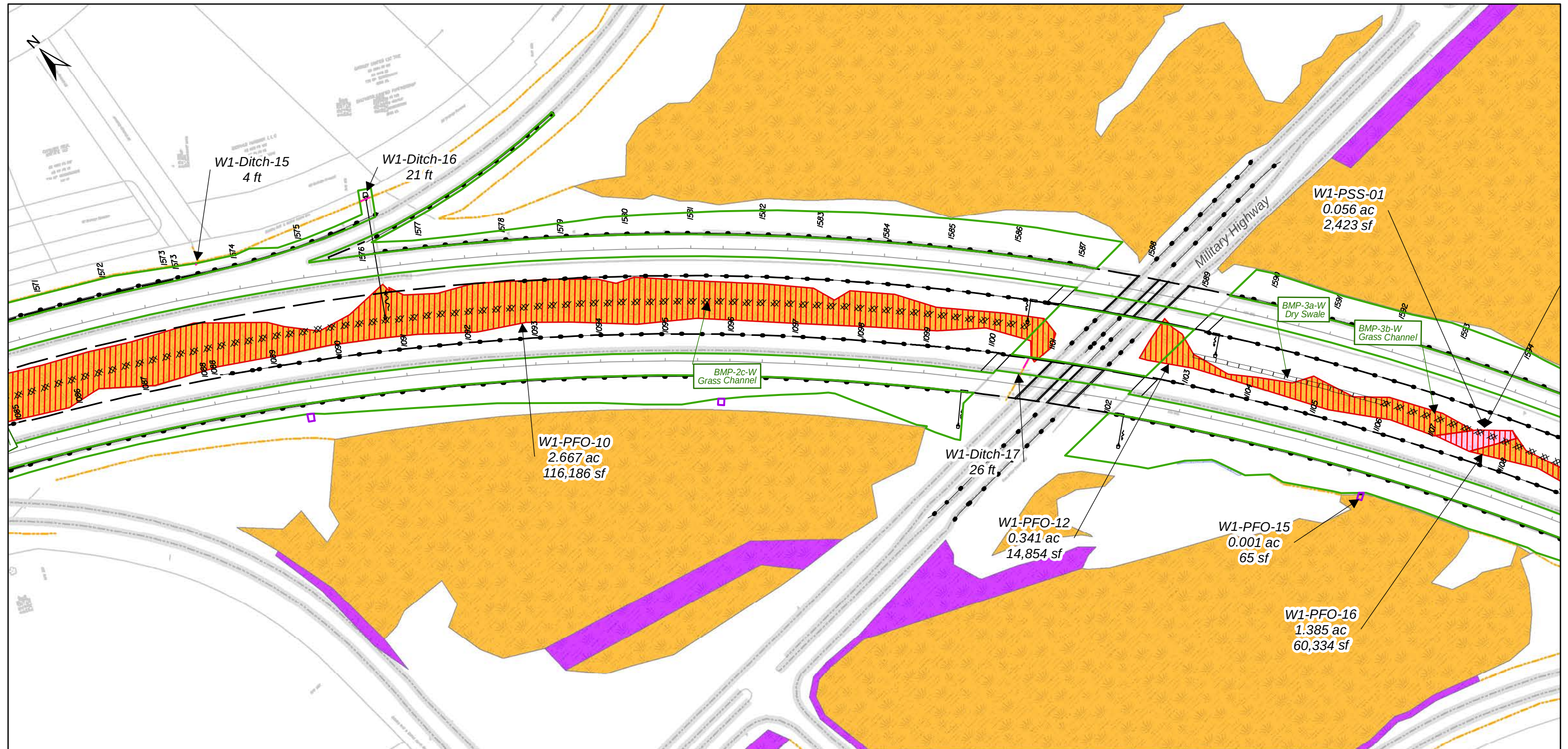


| Limits of Disturbance | Jurisdictional Wetlands and Waters | Impact Type | Other     | Navigation Channel            | SWM Facility                       |
|-----------------------|------------------------------------|-------------|-----------|-------------------------------|------------------------------------|
| Permanent             | Ditches                            | Ditches     | Permanent | Navigation Channel            | SWM Facility                       |
| Temporary             | Streams                            | Streams     | Temporary | Segment Divider               | SWM Dry Swale                      |
|                       | E1UB                               | Permanent   |           | Existing EOP                  | SWM Wet Swale                      |
|                       | E2EM                               | Temporary   |           | Proposed EOP & Paved Shoulder | SWM Grass Channel                  |
|                       | E2FO                               | Permanent   |           | Guardrail                     | Sediment Removal at Channel Invert |
|                       | PFO                                | Temporary   |           |                               |                                    |
|                       | PSS                                |             |           |                               |                                    |
|                       | PUB                                |             |           |                               |                                    |



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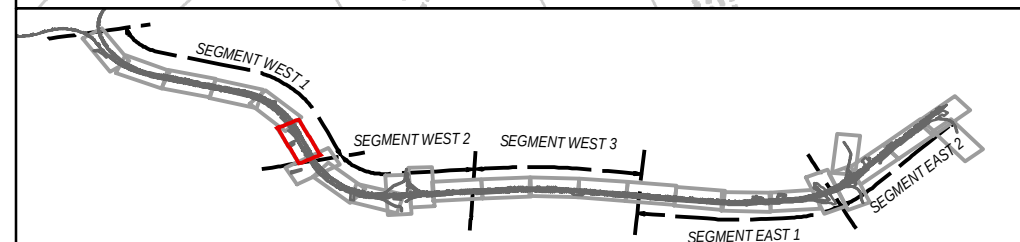
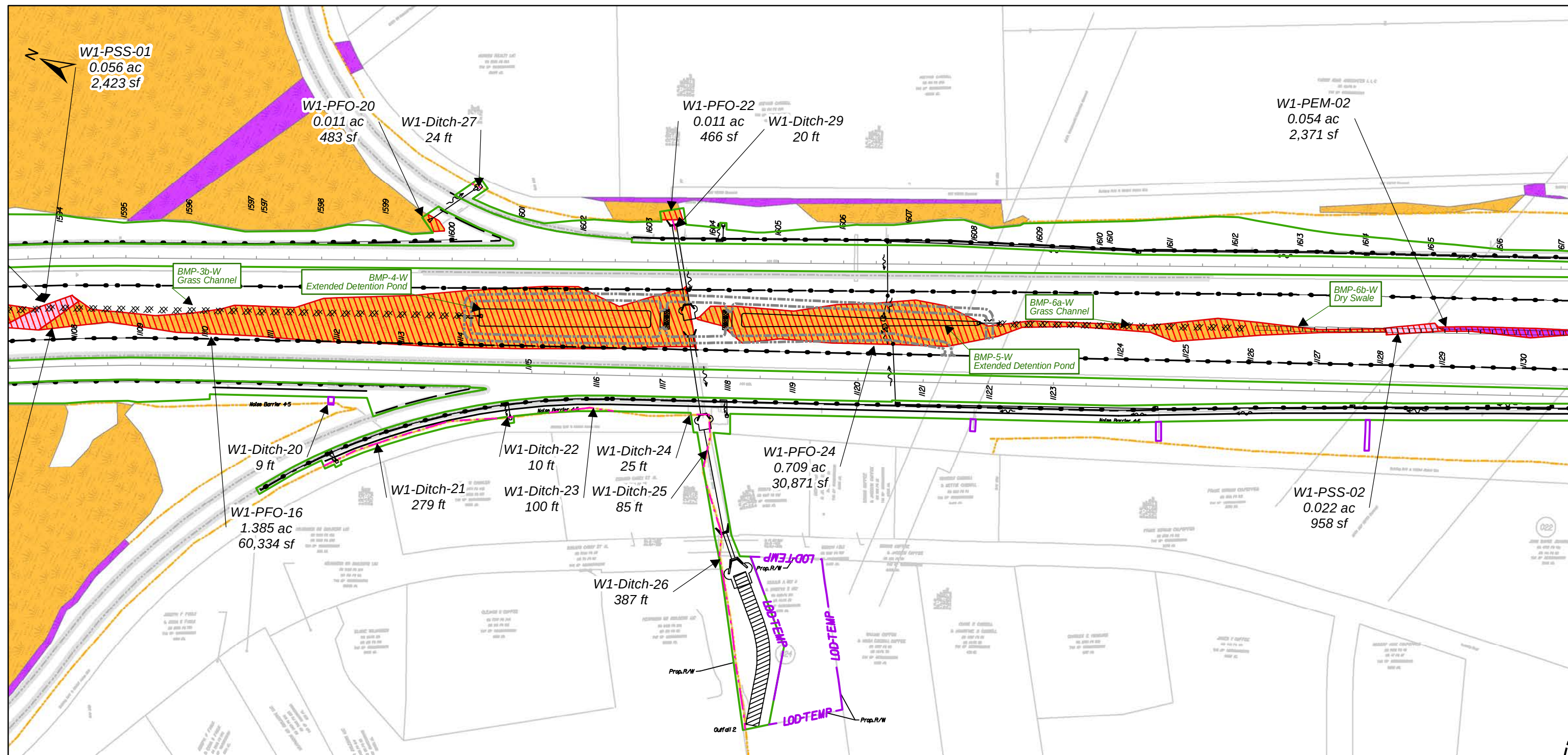
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SHEET 31 of 57



Applicant: GPC CJV  
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#### Limits of Disturbance

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- PUB

#### Impact Type

- Ditches
- Streams
- Permanent
- Temporary
- Permanent
- Temporary

#### Other

- Navigation Channel
- Segment Divider
- Existing EOP
- Proposed EOP & Paved Shoulder
- Guardrail
- Permanent
- Temporary

#### Other

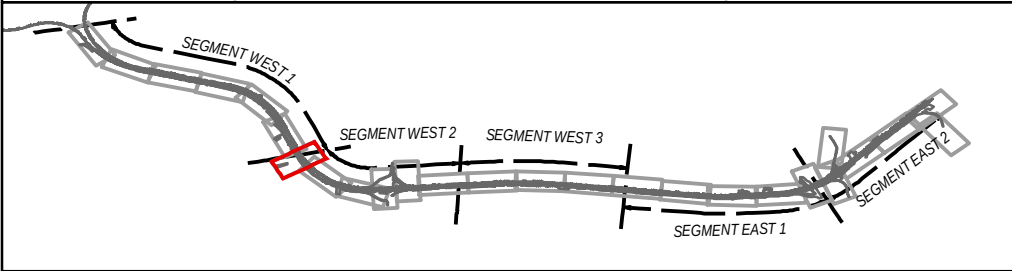
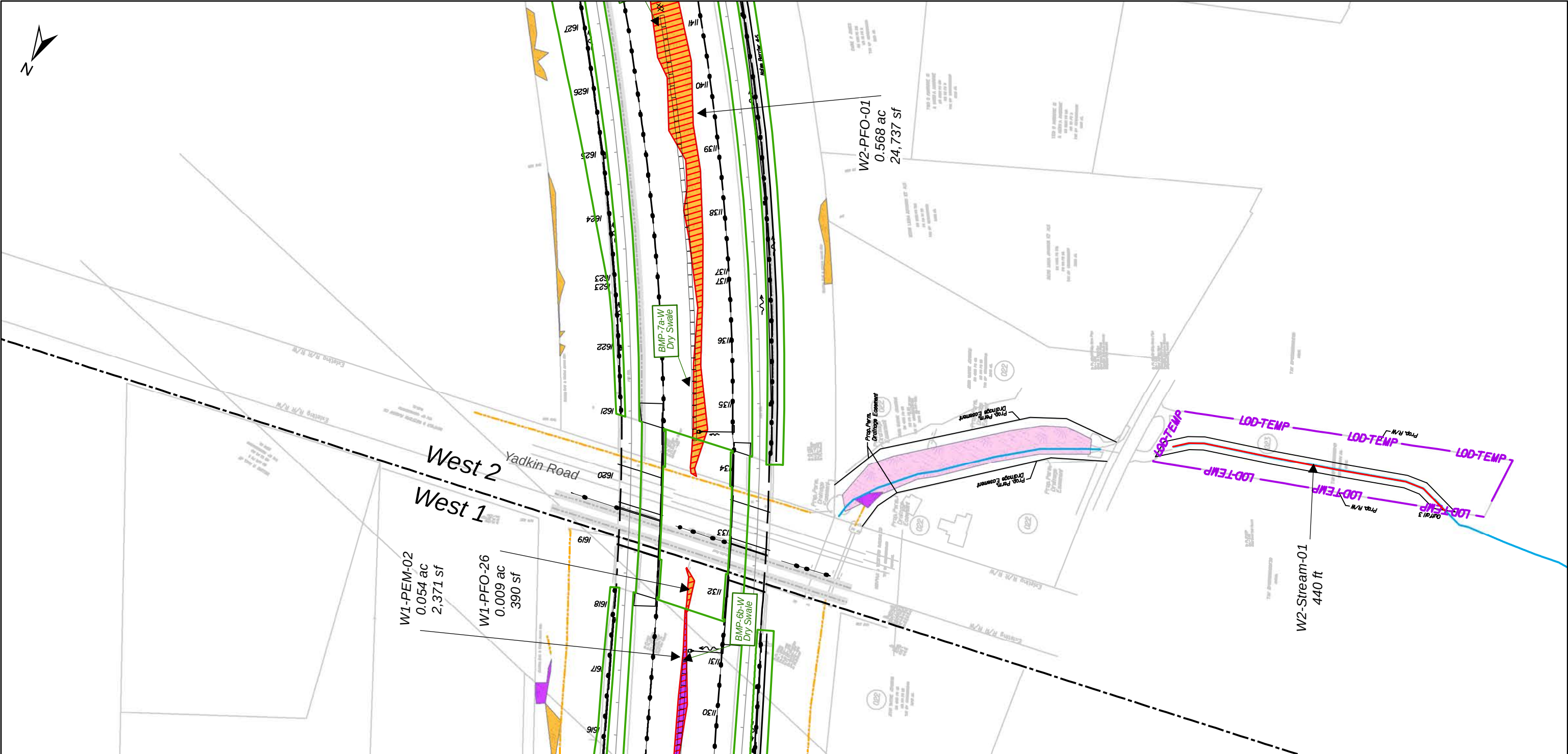
- SWM Facility
- SWM Dry Swale
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**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
 I-64 Southside Widening & High Rise Bridge  
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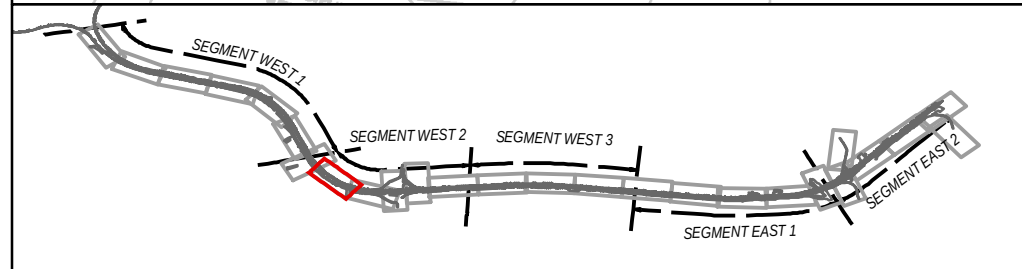
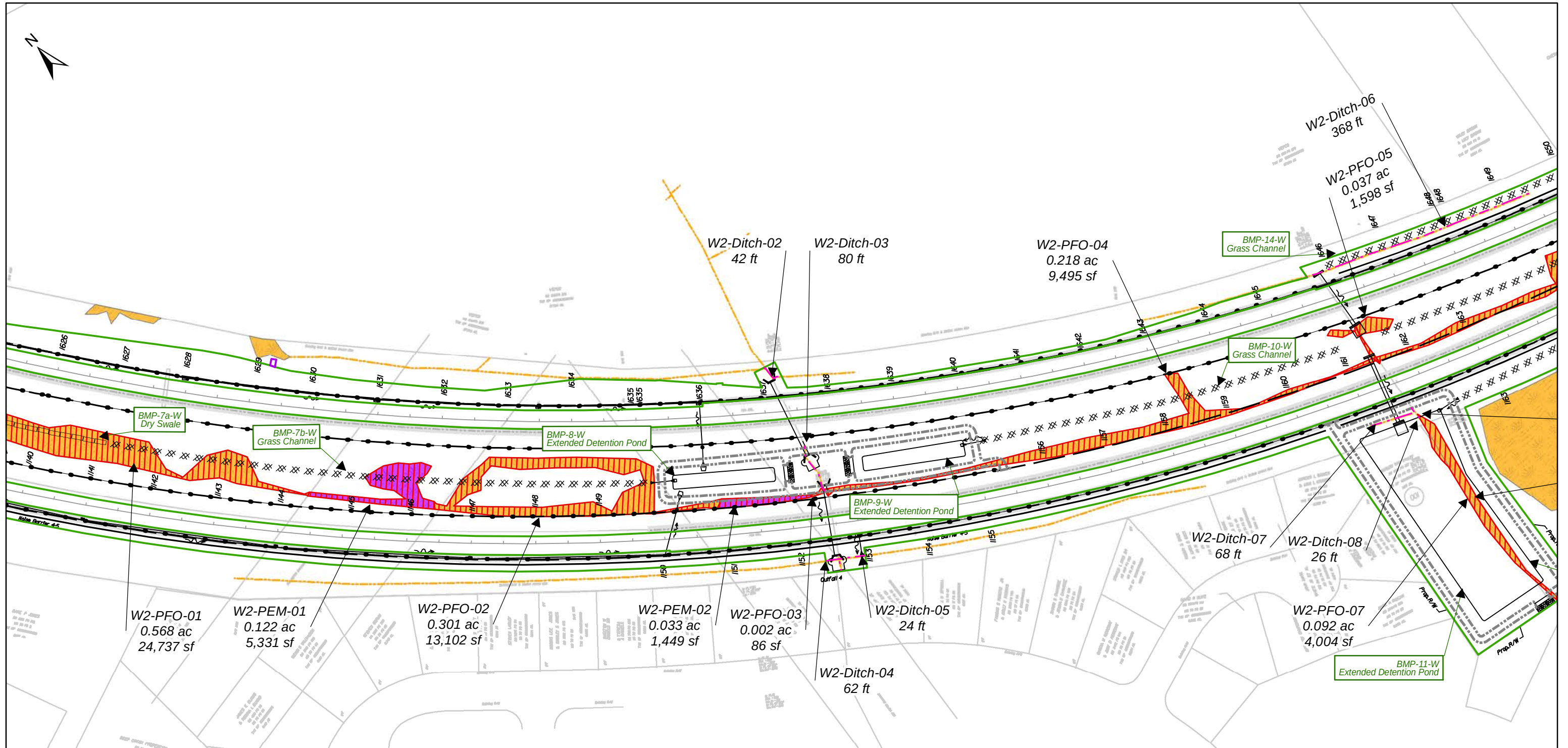
0 75 150 300 Feet

FEB 2018

SHEET 32 of 57



| Limits of Disturbance                                                       | Jurisdictional Wetlands and Waters                                                                             | Impact Type                                                                 | Other                                                                       | Navigation Channel                                                                                                                                                          | SWM Facility                                                                                                                                                                  |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Permanent</li><li>Temporary</li></ul> | <ul style="list-style-type: none"><li>Ditches</li><li>Streams</li><li>E1UB</li><li>E2EM</li><li>E2FO</li></ul> | <ul style="list-style-type: none"><li>Ditches</li><li>Streams</li></ul>     | <ul style="list-style-type: none"><li>Permanent</li><li>Temporary</li></ul> | <ul style="list-style-type: none"><li>Navigation Channel</li><li>Segment Divider</li><li>Existing EOP</li><li>Proposed EOP &amp; Paved Shoulder</li><li>Guardrail</li></ul> | <ul style="list-style-type: none"><li>SWM Facility</li><li>SWM Dry Swale</li><li>SWM Wet Swale</li><li>SWM Grass Channel</li><li>Sediment Removal at Channel Invert</li></ul> |
|                                                                             | <ul style="list-style-type: none"><li>E2SS</li><li>PEM</li><li>PFO</li><li>PSS</li><li>PUB</li></ul>           | <ul style="list-style-type: none"><li>Permanent</li><li>Temporary</li></ul> | <ul style="list-style-type: none"><li>Permanent</li><li>Temporary</li></ul> |                                                                                                                                                                             |                                                                                                                                                                               |



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- E2FO
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- PFO
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- PUB

#### Impact Type

- Ditches
  - Permanent
  - Temporary
- Streams
  - Permanent
  - Temporary
- Other
  - Permanent
  - Temporary

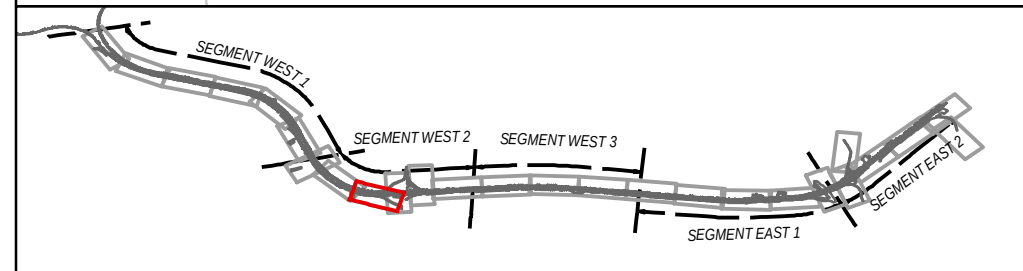
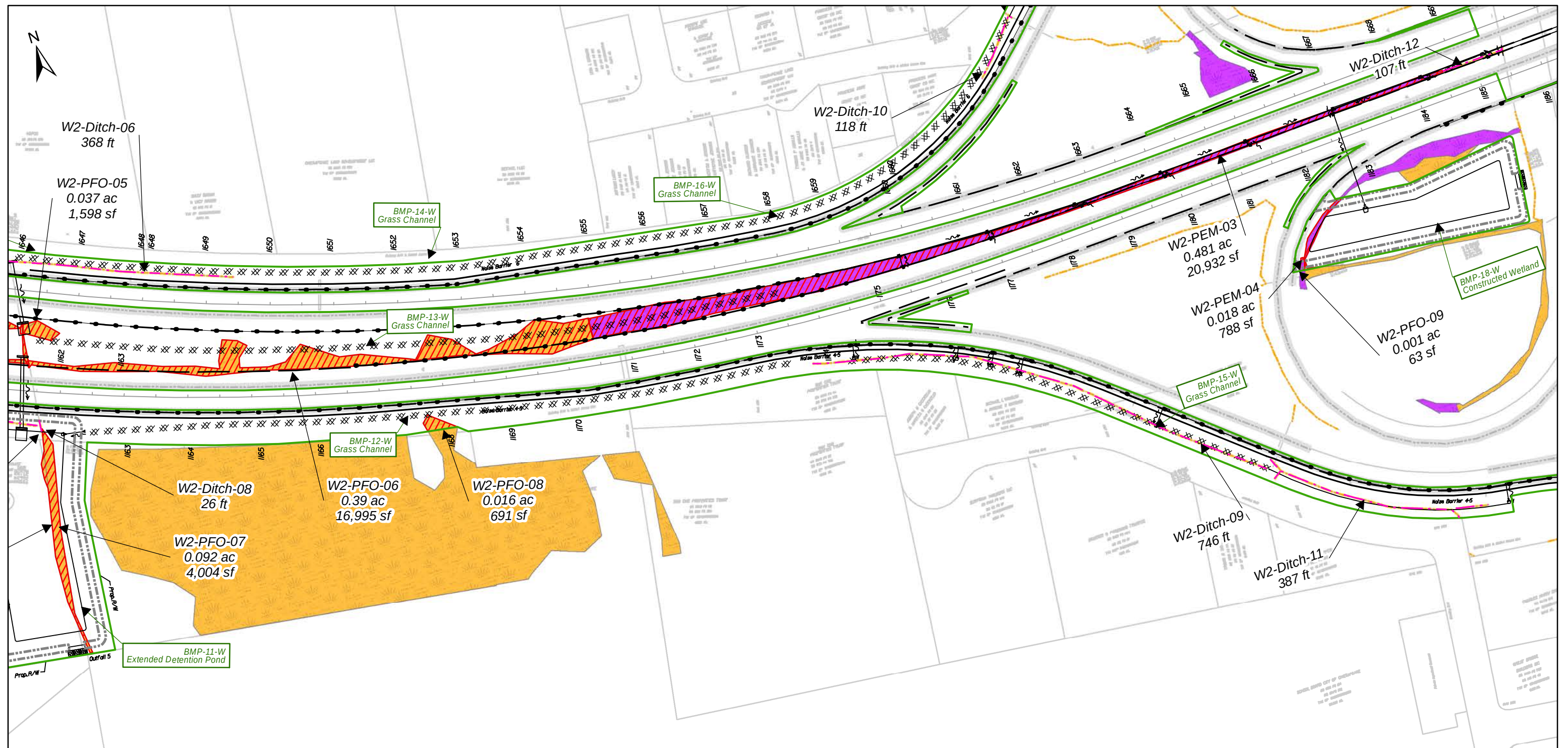
- Navigation Channel
- Segment Divider
- Existing EOP
- Proposed EOP & Paved Shoulder
- Guardrail
- SWM Facility
- SWM Dry Swale
- SWM Wet Swale
- SWM Grass Channel
- Sediment Removal at Channel Invert

### DRAFT: Joint Permit Applications Drawings PROPOSED CONDITIONS I-64 Southside Widening & High Rise Bridge CHESAPEAKE, VIRGINIA

0 75 150 300 Feet

FEB 2018

SHEET 34 of 57



#### Limits of Disturbance

- Permanent
- Temporary

#### Jurisdictional Wetlands and Waters

- Ditches
- Streams
- E1UB
- E2EM
- E2FO
- E2SS
- PEM
- PFO
- PSS
- PUB

#### Impact Type

- Ditches
- Streams
- Permanent
- Temporary
- Permanent
- Temporary

- Navigation Channel
- Segment Divider
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- SWM Facility
- SWM Dry Swale
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**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
 I-64 Southside Widening & High Rise Bridge  
 CHESAPEAKE, VIRGINIA

0 75 150 300 Feet

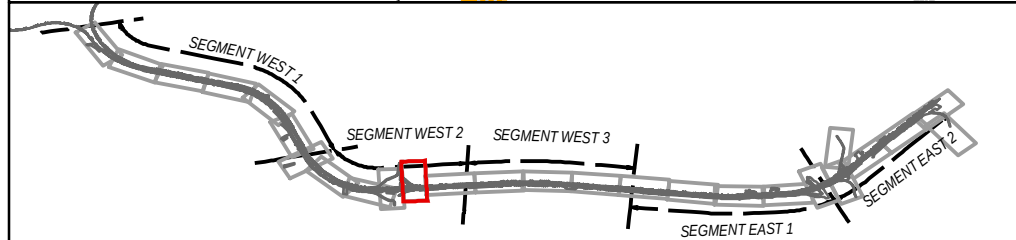
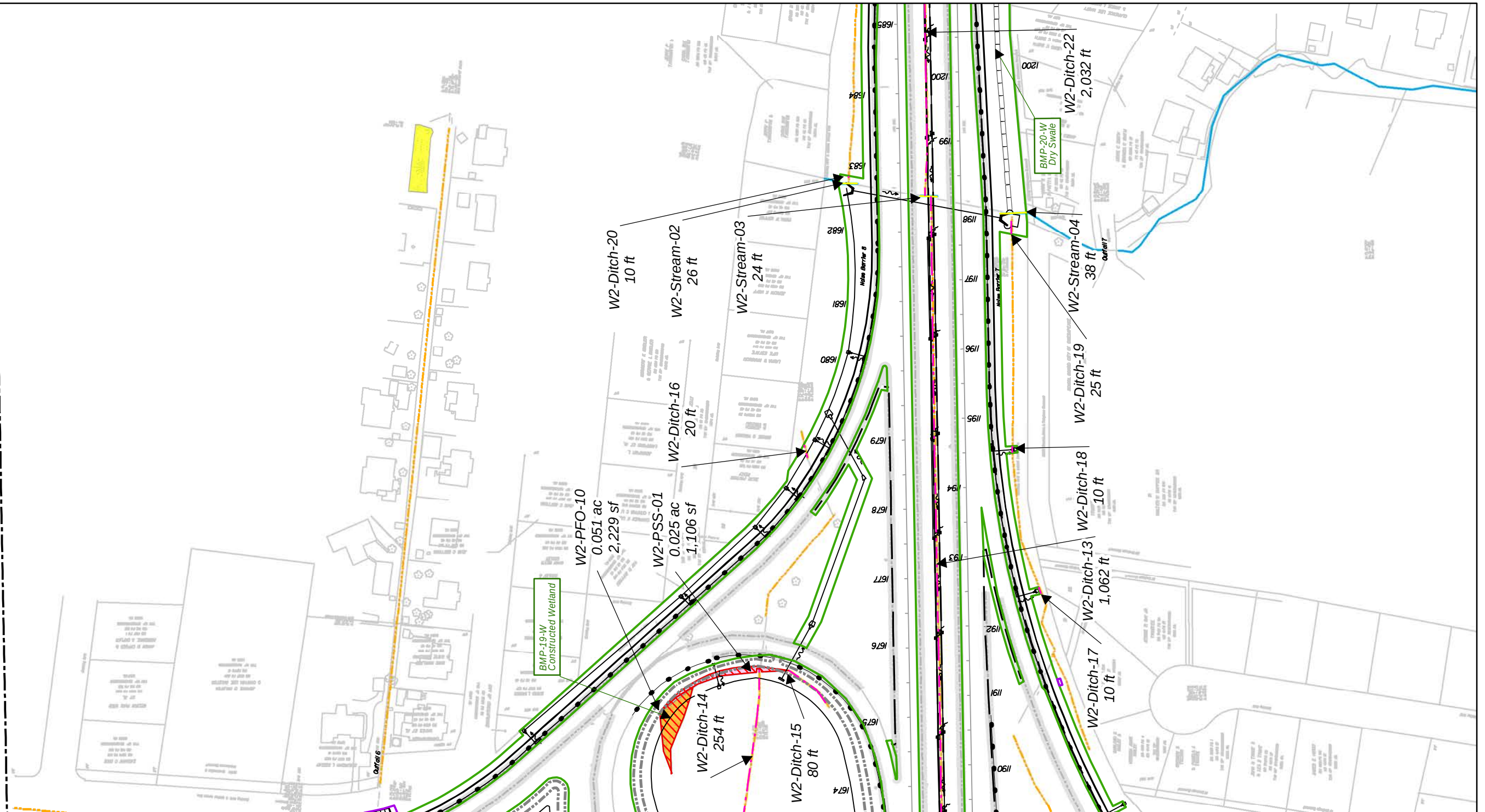
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SHEET 35 of 57



Applicant: GPC CJV  
 Purpose: Roadway Improvements  
 VDOT Project No. 0064-131-811, P101  
 UPC: 106692





**Limits of Disturbance**

- Permanent
- Temporary

**Jurisdictional Wetlands and Waters**

- Ditches
- Streams
- E1UB
- E2EM
- E2FO
- PEM
- PFO
- PSS
- PUB

**Impact Type**

- Ditches
- Streams
- Permanent
- Temporary
- Permanent
- Temporary

- Navigation Channel
- Segment Divider
- Existing EOP
- Proposed EOP & Paved Shoulder
- Guardrail

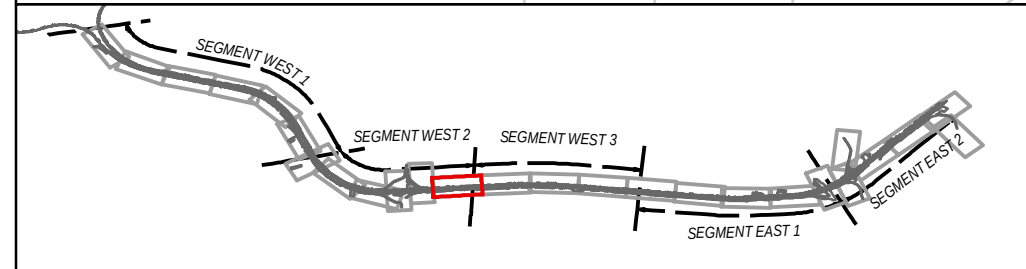
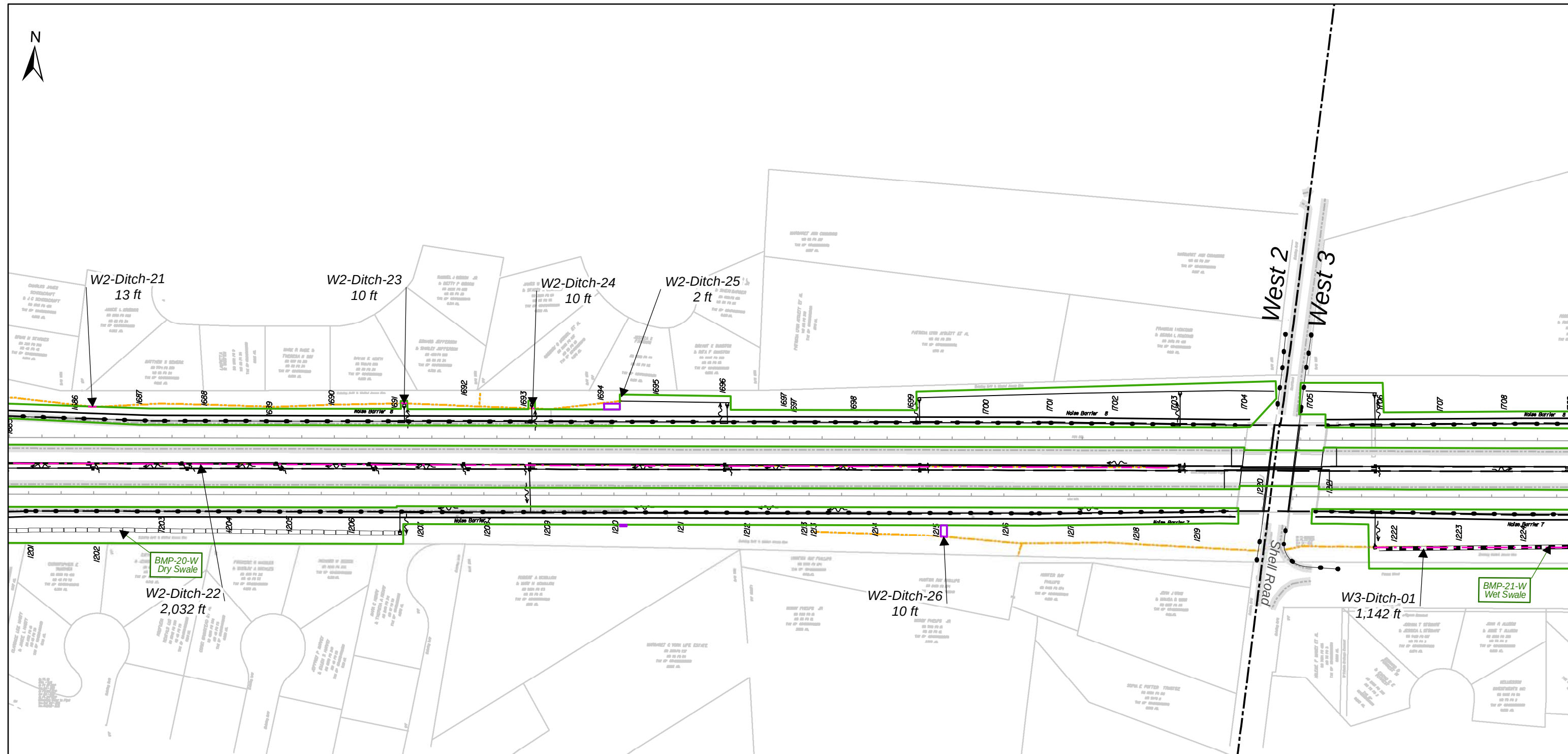
- SWM Facility
- SWM Dry Swale
- SWM Wet Swale
- SWM Grass Channel
- Sediment Removal at Channel Invert

**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA

0 75 150 300 Feet

FEB 2018

SHEET 37 of 57



**Limits of Disturbance**

- Permanent
- Temporary

**Jurisdictional Wetlands and Waters**

- Ditches
- Streams
- E1UB
- E2EM
- E2FO
- E2SS
- PEM
- PFO
- PSS
- PUB

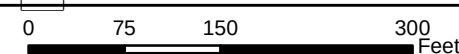
**Impact Type**

- Ditches
  - Permanent
  - Temporary
- Streams
  - Permanent
  - Temporary
- Other
  - Permanent
  - Temporary

- Navigation Channel
- Segment Divider
- Existing EOP
- Proposed EOP & Paved Shoulder
- Guardrail

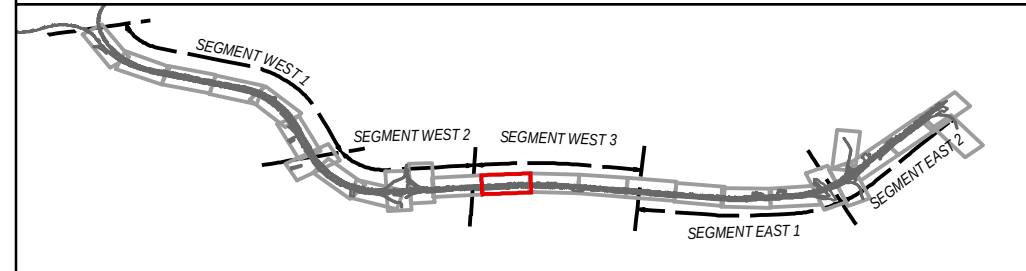
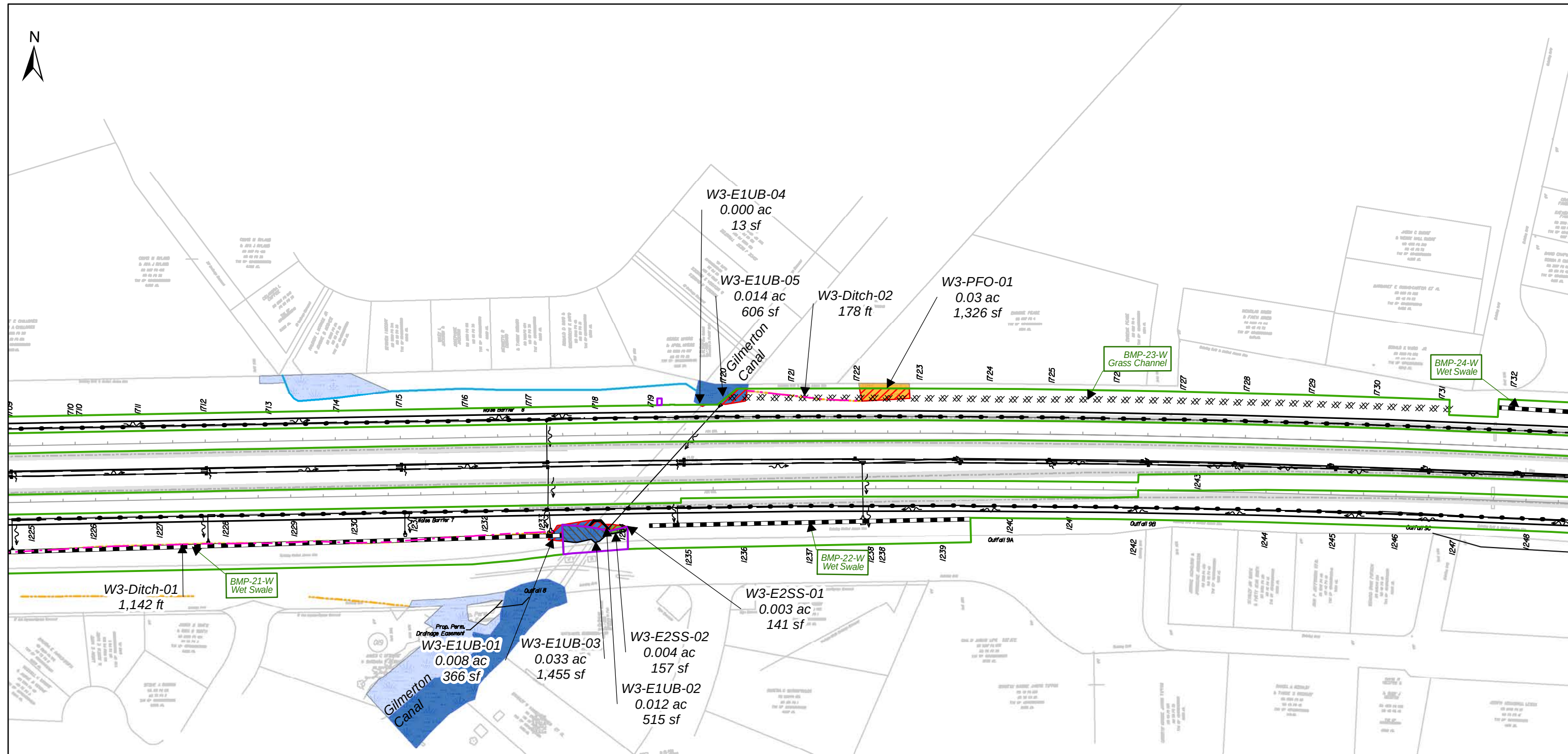
- SWM Facility
- SWM Dry Swale
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**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA



FEB 2018

SHEET 38 of 57



**Limits of Disturbance**

- Permanent
- Temporary

**Jurisdictional Wetlands and Waters**

- Ditches
- Streams
- E1UB
- E2EM
- E2FO
- E2SS
- PEM
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- PSS
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**Impact Type**

- Ditches
  - Permanent
  - Temporary
- Streams
  - Permanent
  - Temporary
- Other
  - Permanent
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- Navigation Channel
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- SWM Facility
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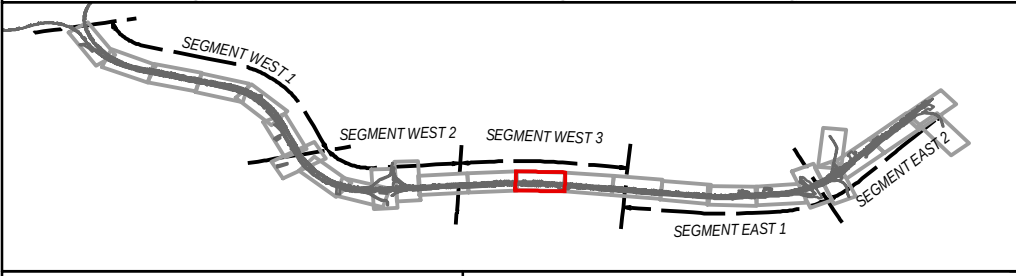
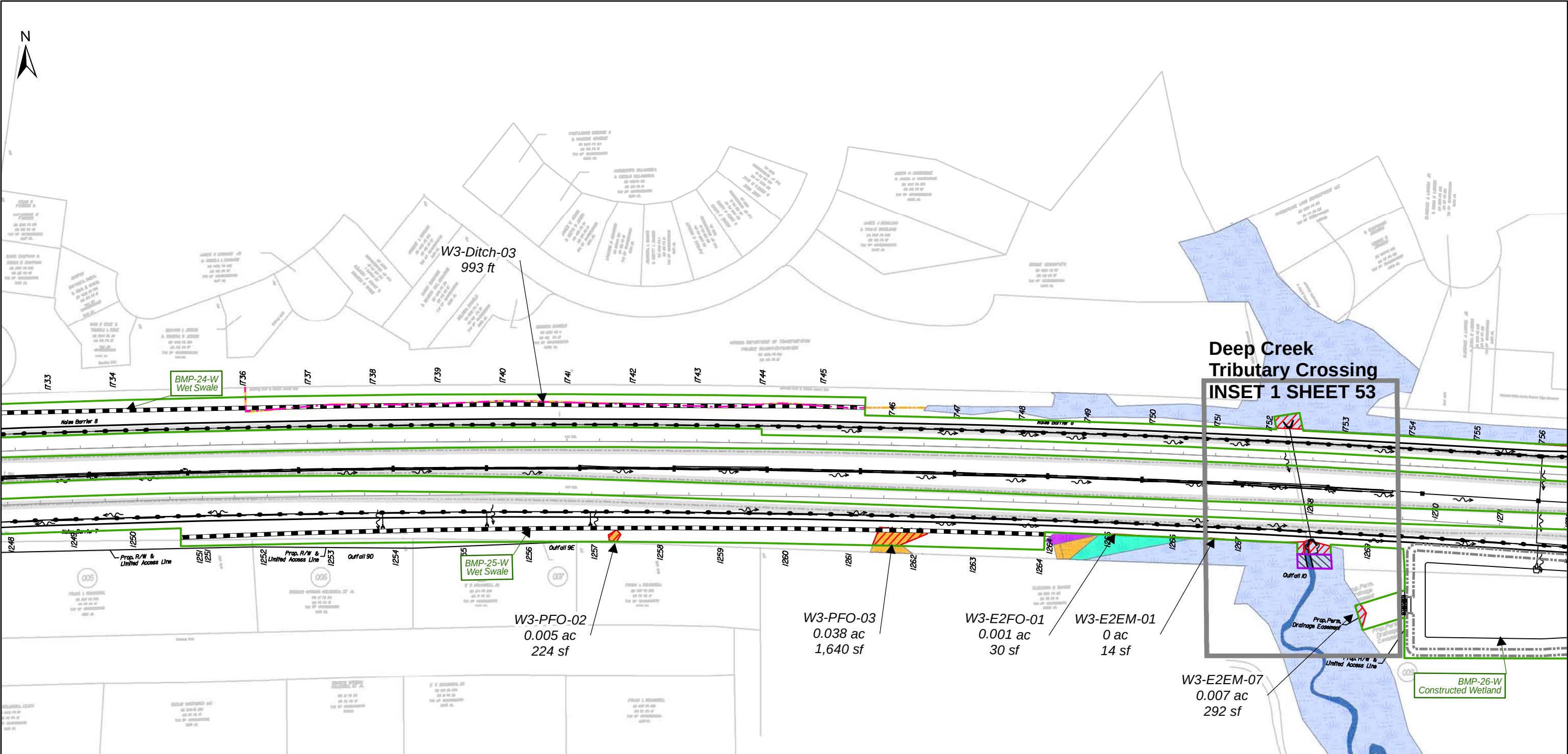
Applicant: GPC CJV  
Purpose: Roadway Improvements  
VDOT Project No. 0064-131-811, P101  
UPC: 106692

**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA

0 75 150 300 Feet

FEB 2018

SHEET 39 of 57

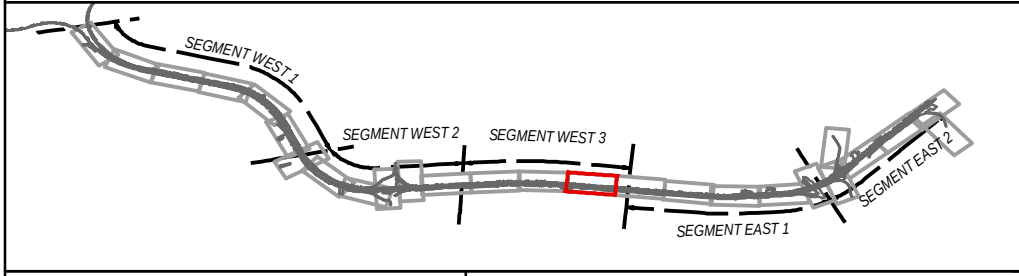
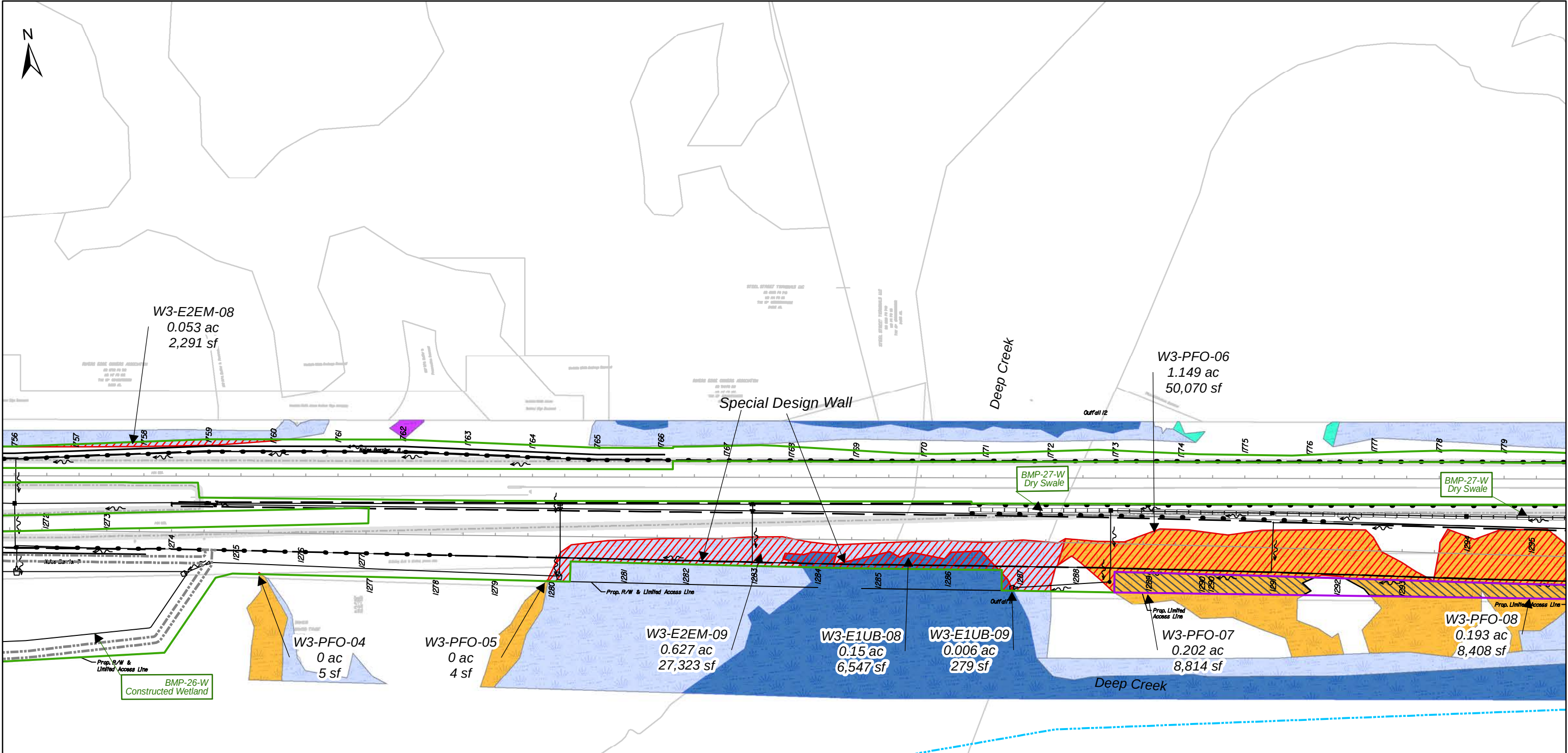


| Limits of Disturbance | Jurisdictional Wetlands and Waters | Impact Type | Other     | Navigation Channel            | SWM Facility                       |
|-----------------------|------------------------------------|-------------|-----------|-------------------------------|------------------------------------|
| Permanent             | Ditches                            | Ditches     | Permanent | Navigation Channel            | SWM Dry Swale                      |
| Temporary             | Streams                            | Streams     | Temporary | Segment Divider               | SWM Wet Swale                      |
|                       | E1UB                               | Permanent   | Other     | Existing EOP                  | SWM Grass Channel                  |
|                       | E2EM                               | Temporary   | Permanent | Proposed EOP & Paved Shoulder | Sediment Removal at Channel Invert |
|                       | E2FO                               | Permanent   | Temporary | Guardrail                     |                                    |
|                       | PEM                                |             |           |                               |                                    |
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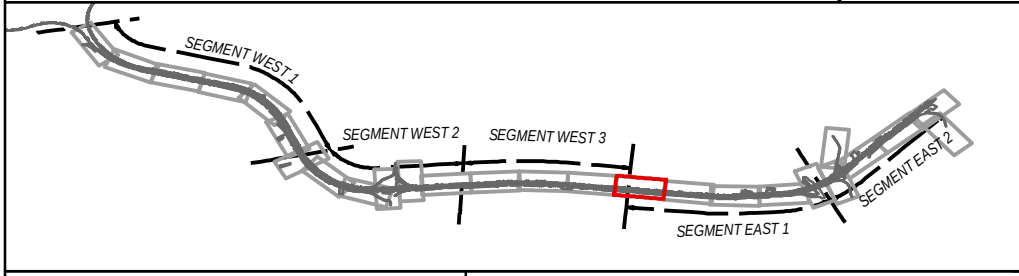
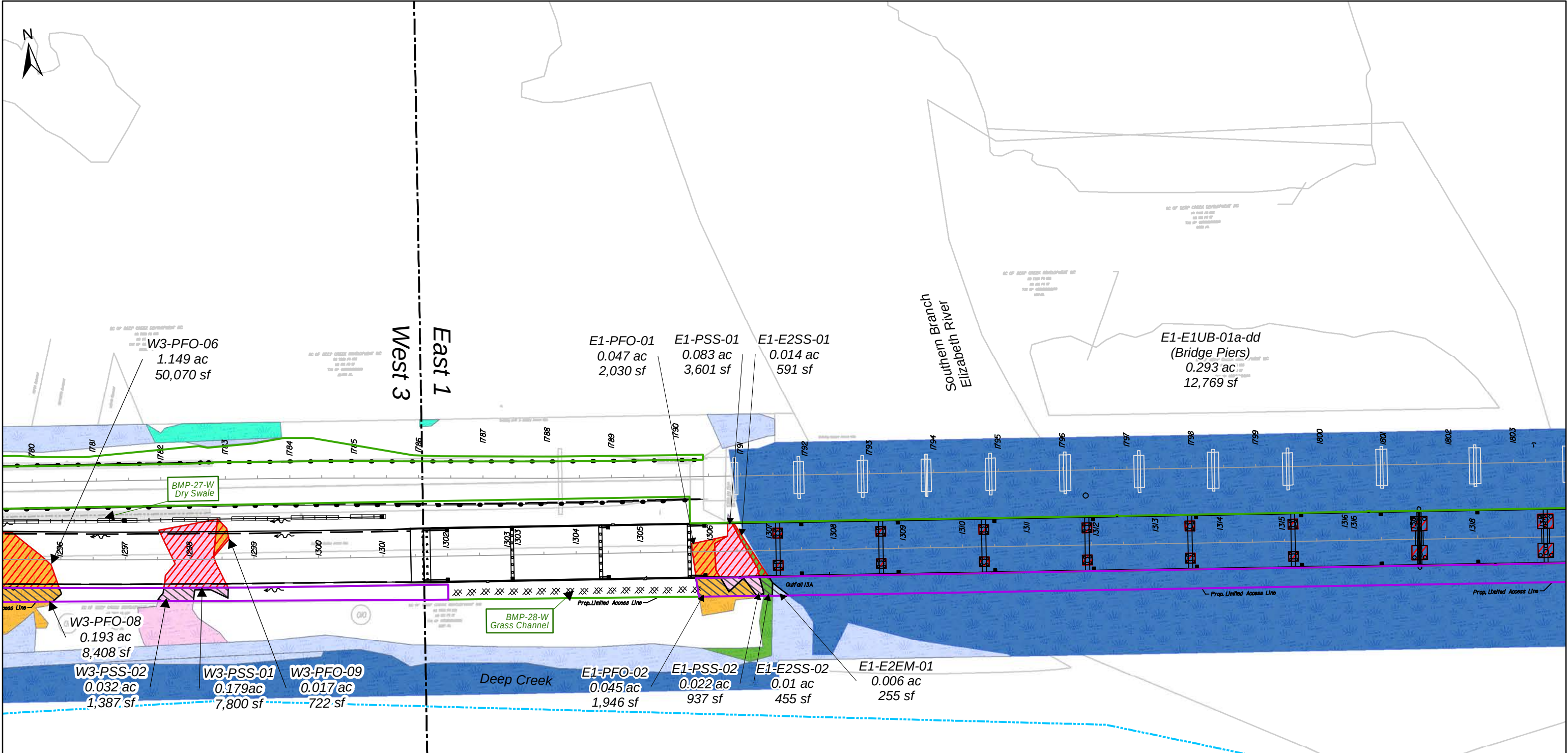


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|                       | E1UB                               | Streams     | Other     | Existing EOP                  | SWM Wet Swale                      |
|                       | E2EM                               | Streams     | Other     | Proposed EOP & Paved Shoulder | SWM Grass Channel                  |
|                       | E2FO                               | Streams     | Other     | Guardrail                     | Sediment Removal at Channel Invert |
|                       | PEM                                | Streams     | Other     |                               |                                    |
|                       | PFO                                | Streams     | Other     |                               |                                    |
|                       | PSS                                | Streams     | Other     |                               |                                    |
|                       | PUB                                | Streams     | Other     |                               |                                    |

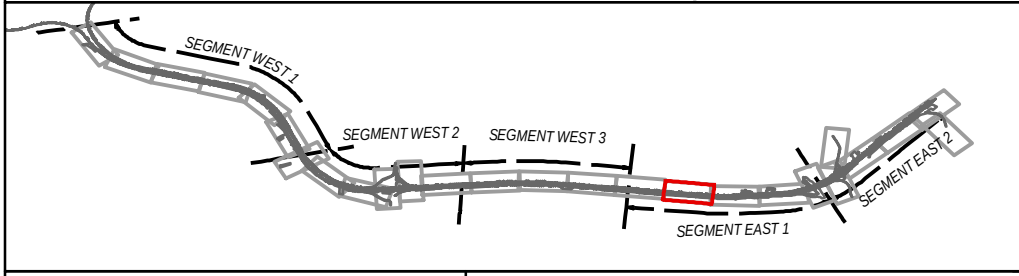
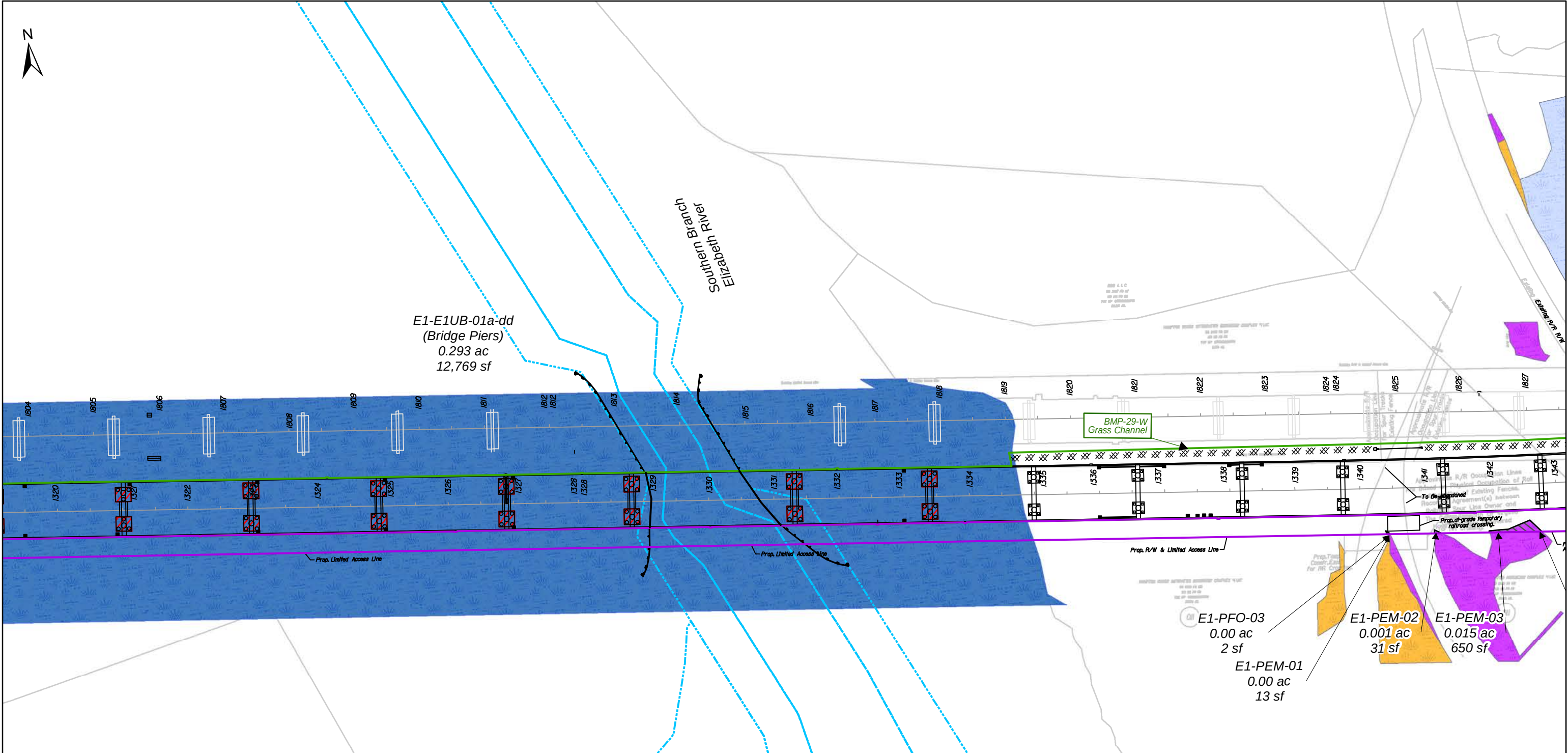


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| Temporary             | Streams                            | Permanent   | Temporary | Existing EOP                  | SWM Wet Swale                      |
|                       | E1UB                               | Temporary   | Other     | Proposed EOP & Paved Shoulder | SWM Grass Channel                  |
|                       | E2EM                               | Streams     | Permanent | Guardrail                     | Sediment Removal at Channel Invert |
|                       | E2FO                               | Permanent   | Temporary |                               |                                    |
|                       | PFO                                |             |           |                               |                                    |
|                       | PSS                                |             |           |                               |                                    |
|                       | PUB                                |             |           |                               |                                    |

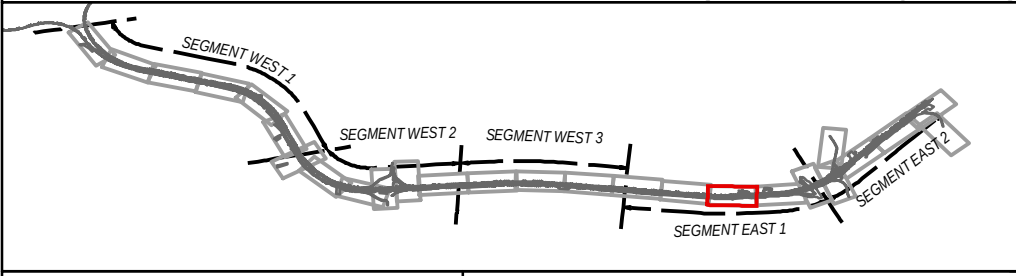
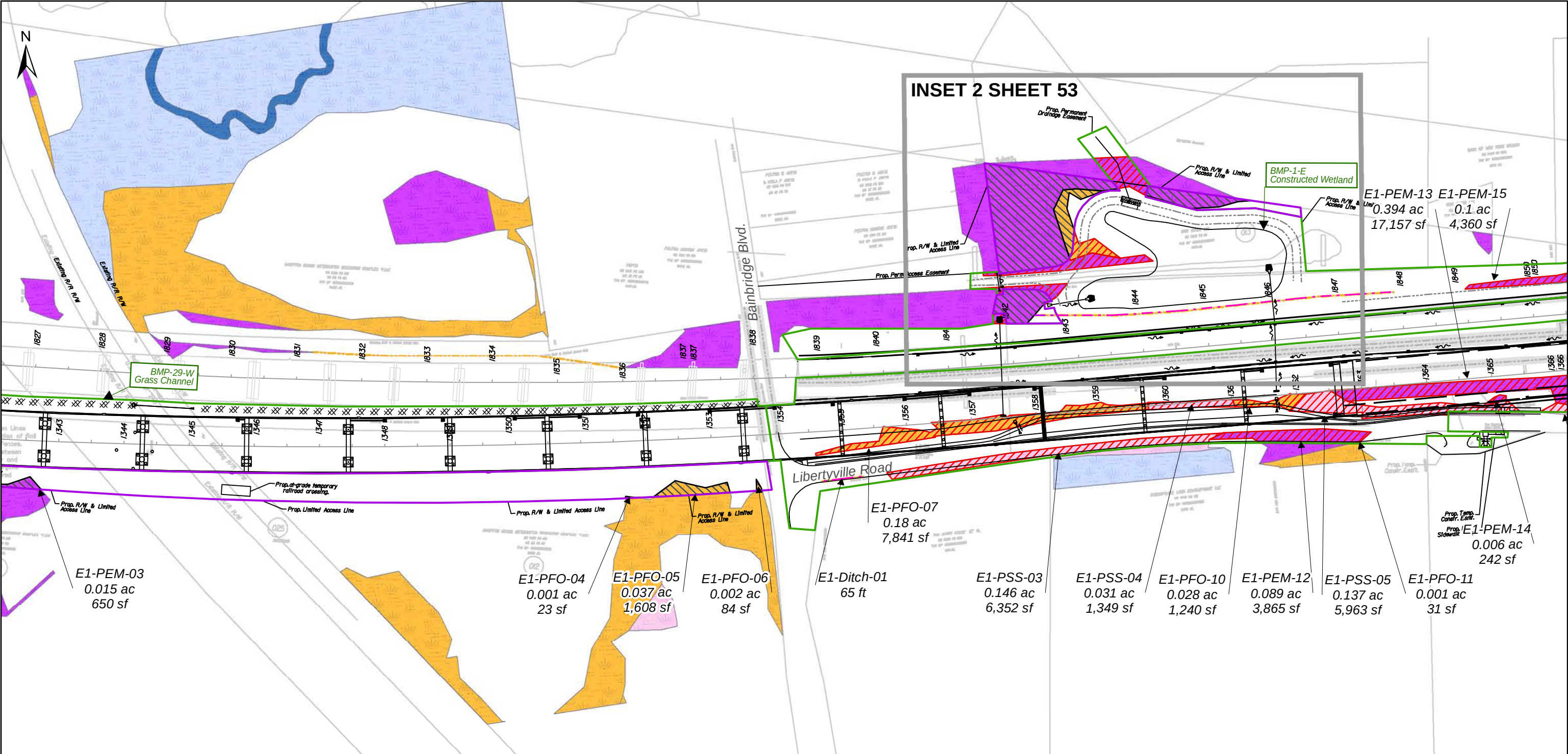


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|-----------------------|------------------------------------|-------------|-----------|-------------------------------|------------------------------------|
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| Temporary             | Streams                            | Permanent   | Temporary | Segment Divider               | SWM Wet Swale                      |
|                       | E1UB                               | Temporary   | Other     | Existing EOP                  | SWM Grass Channel                  |
|                       | E2EM                               | Streams     | Permanent | Proposed EOP & Paved Shoulder | Sediment Removal at Channel Invert |
|                       | E2FO                               | Permanent   | Temporary | Guardrail                     |                                    |
|                       | PEM                                | Streams     | Permanent |                               |                                    |
|                       | PFO                                | Streams     | Temporary |                               |                                    |
|                       | PSS                                | Streams     | Permanent |                               |                                    |
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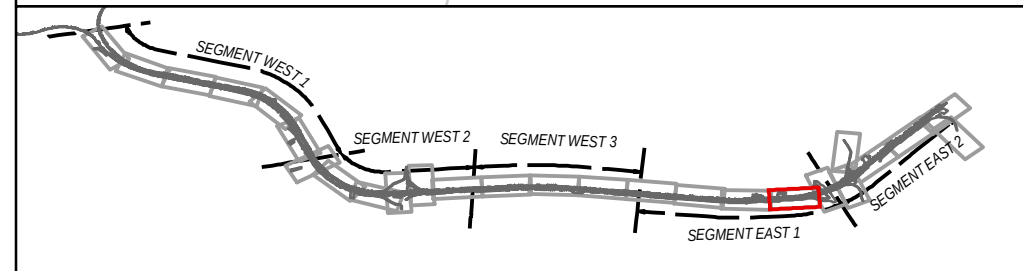
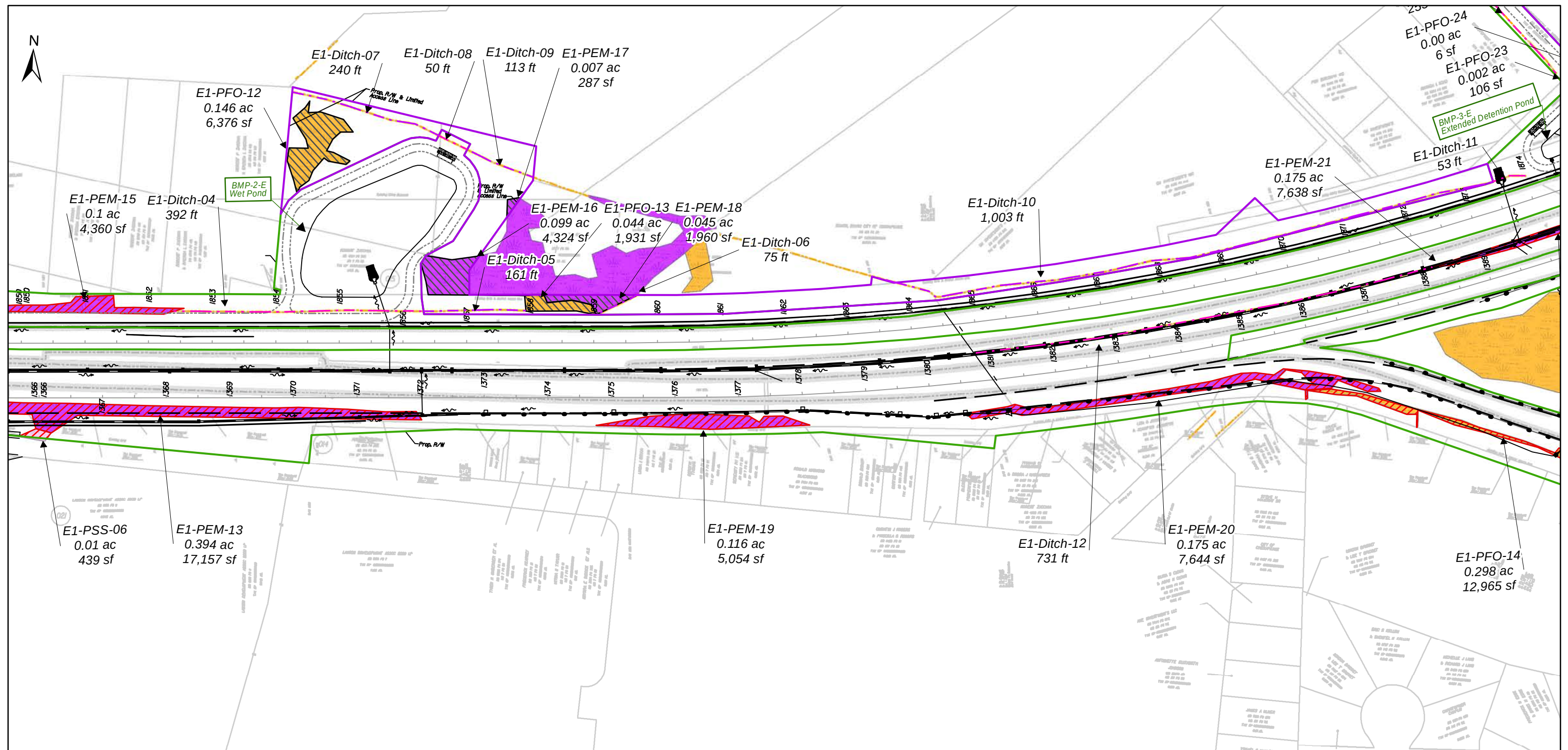


| Limits of Disturbance | Jurisdictional Wetlands and Waters | Impact Type | Other     | Navigation Channel            | SWM Facility                       |
|-----------------------|------------------------------------|-------------|-----------|-------------------------------|------------------------------------|
| Permanent             | Ditches                            | Ditches     | Permanent | Navigation Channel            | SWM Dry Swale                      |
| Temporary             | Streams                            | Streams     | Temporary | Segment Divider               | SWM Wet Swale                      |
|                       | E1UB                               | Permanent   | Other     | Existing EOP                  | SWM Grass Channel                  |
|                       | E2EM                               | Temporary   | Permanent | Proposed EOP & Paved Shoulder | Sediment Removal at Channel Invert |
|                       | E2FO                               | Permanent   | Temporary | Guardrail                     |                                    |
|                       | PEM                                |             |           |                               |                                    |
|                       | PFO                                |             |           |                               |                                    |
|                       | PSS                                |             |           |                               |                                    |
|                       | PUB                                |             |           |                               |                                    |



Applicant: GPC CJV  
Purpose: Roadway Improvements  
VDOT Project No. 0064-131-811, P101  
UPC: 106692

**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA



#### Limits of Disturbance

- Permanent
- Temporary

#### Jurisdictional Wetlands and Waters

- Ditches
- Streams
- E1UB
- E2EM
- E2FO
- E2SS
- PEM
- PFO
- PSS
- PUB

#### Impact Type

- Ditches
- Permanent
- Temporary
- Streams
- Permanent
- Temporary
- Other
- Permanent
- Temporary

- Navigation Channel
- Segment Divider
- Existing EOP
- Proposed EOP & Paved Shoulder
- Guardrail

- SWM Facility
- SWM Dry Swale
- SWM Wet Swale
- SWM Grass Channel
- Sediment Removal at Channel Invert

**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
 I-64 Southside Widening & High Rise Bridge  
 CHESAPEAKE, VIRGINIA

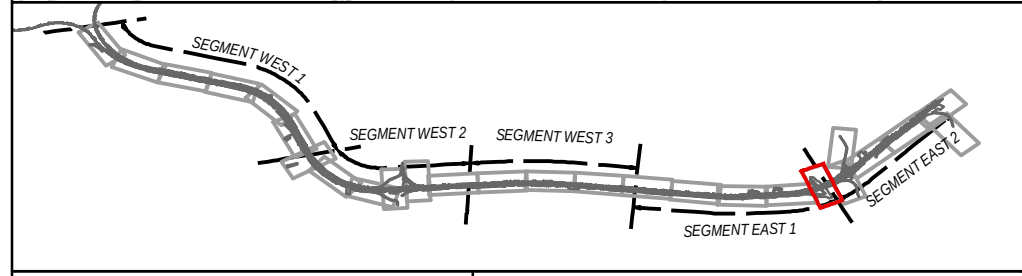
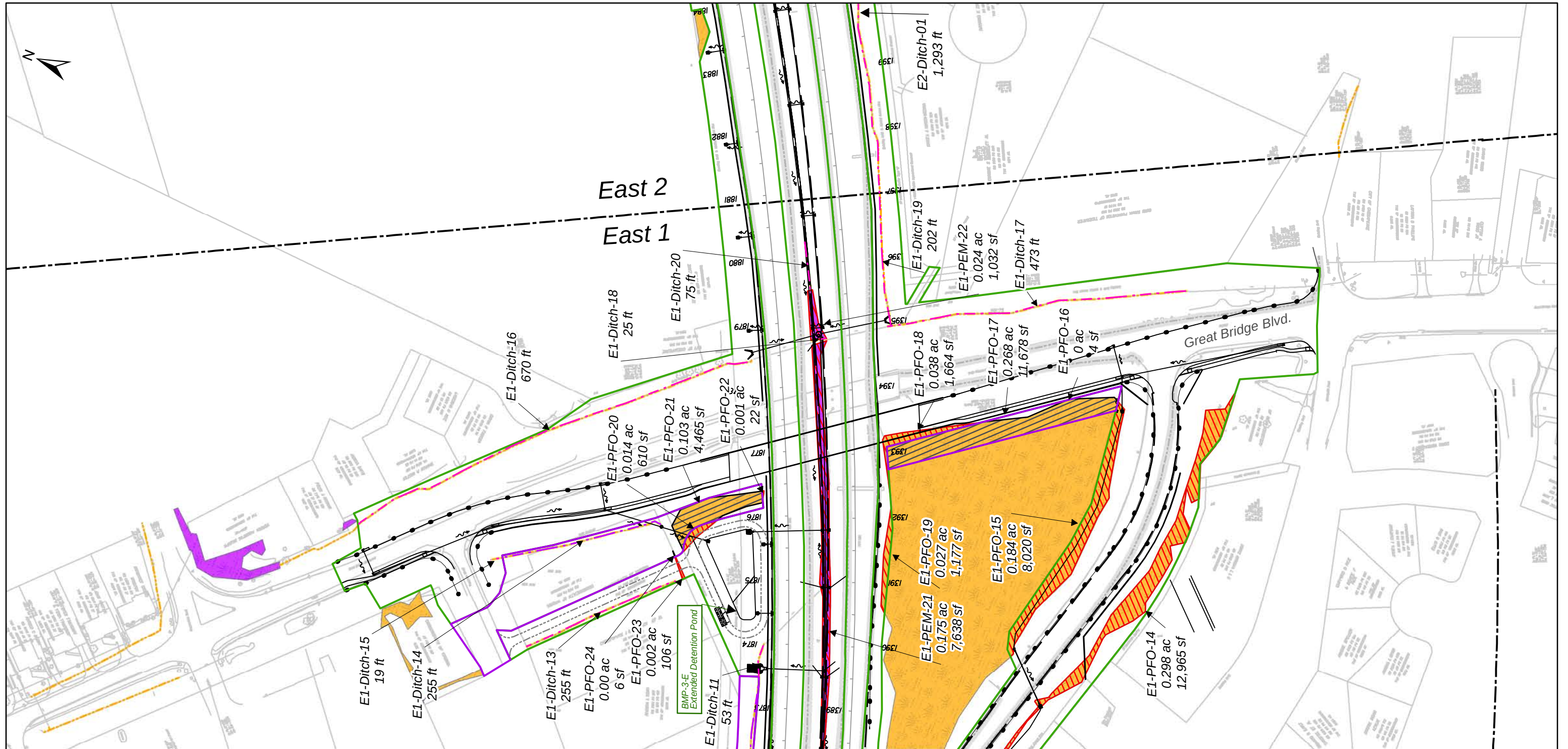
0 75 150 300 Feet

FEB 2018

SHEET 45 of 57



Applicant: GPC CJV  
 Purpose: Roadway Improvements  
 VDOT Project No. 0064-131-811, P101  
 UPC: 106692



#### Limits of Disturbance

- Permanent
- Temporary

#### Jurisdictional Wetlands and Waters

- Ditches
- Streams
- E1UB
- E2EM
- E2FO
- E2SS
- PEM
- PFO
- PSS
- PUB

#### Impact Type

- Ditches
- Streams
- Other
- Permanent
- Temporary
- Permanent
- Temporary

- Navigation Channel
- Segment Divider
- Existing EOP
- Proposed EOP & Paved Shoulder
- Guardrail

- SWM Facility
- SWM Dry Swale
- SWM Wet Swale
- SWM Grass Channel
- Sediment Removal at Channel Invert

**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA

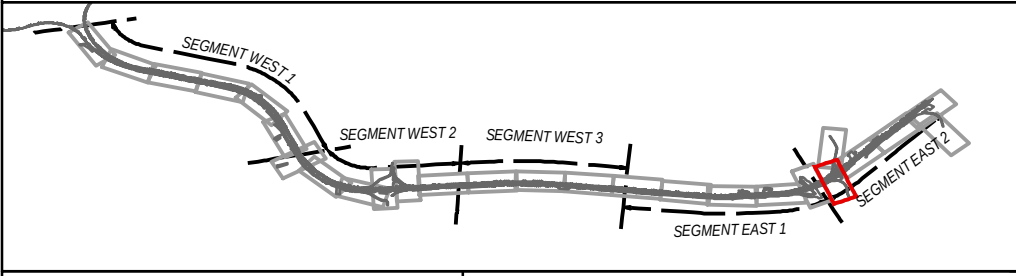
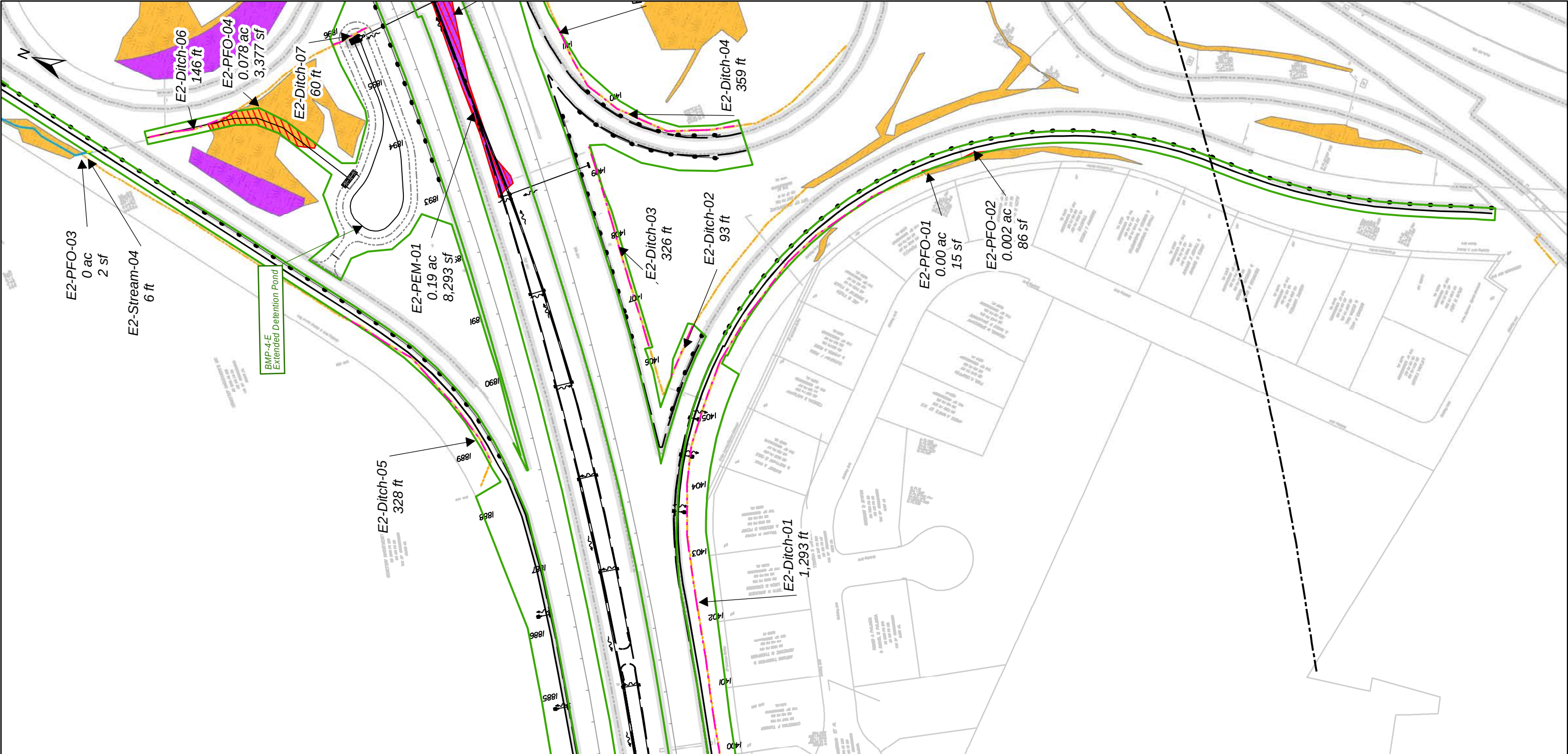
0 75 150 300 Feet

FEB 2018

SHEET 46 of 57



Applicant: GPC CJV  
Purpose: Roadway Improvements  
VDOT Project No. 0064-131-811, P101  
UPC: 106692



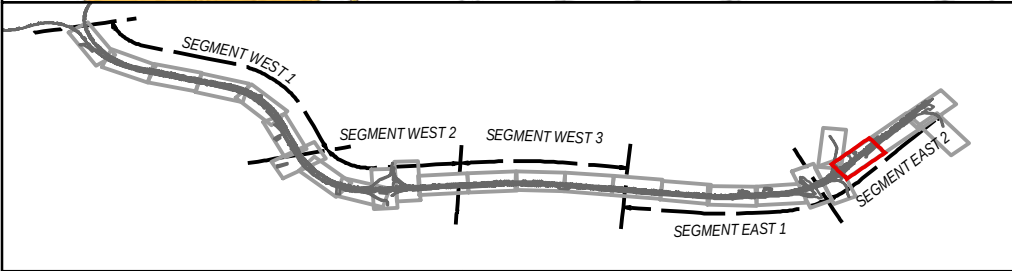
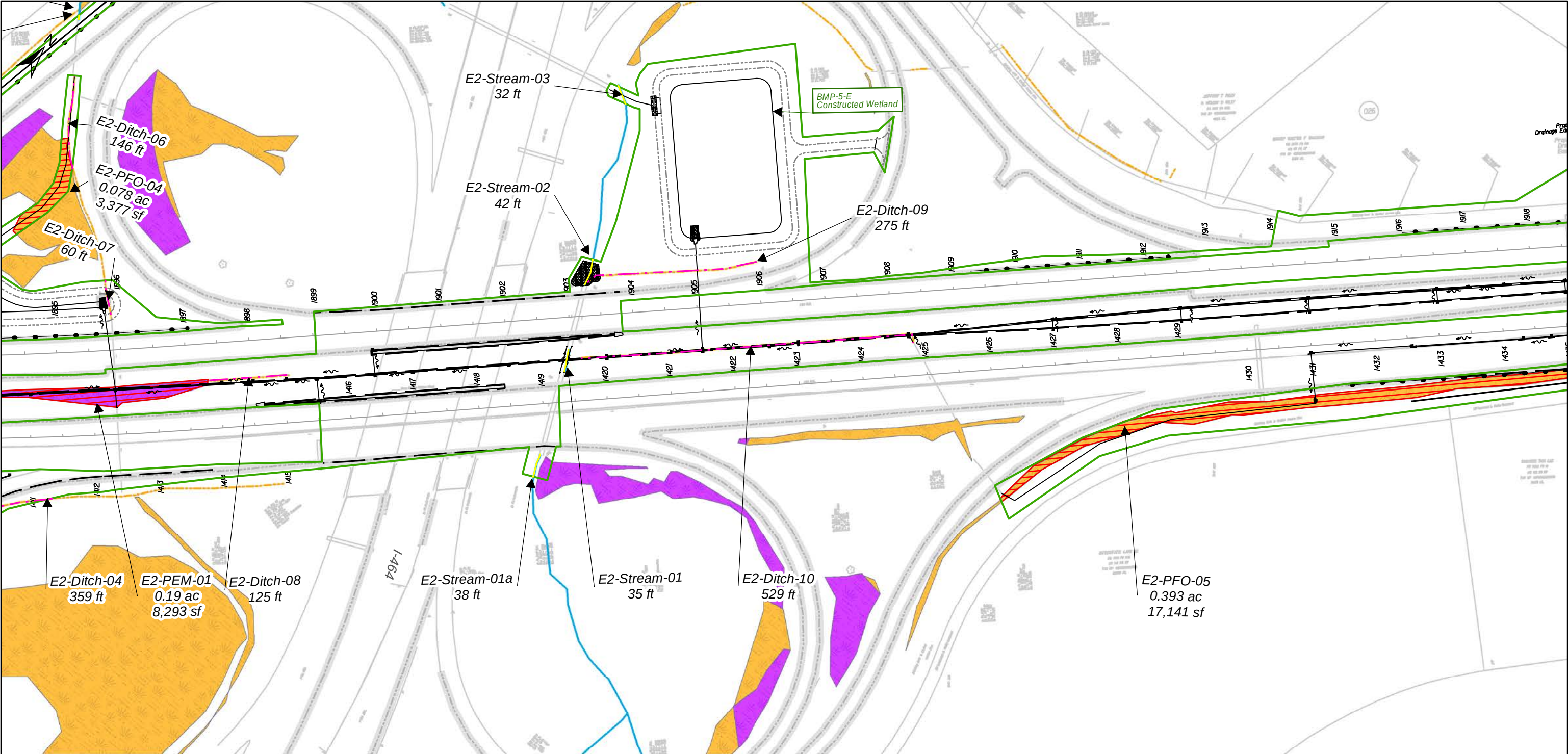
| Limits of Disturbance                                                       | Jurisdictional Wetlands and Waters                                                                             | Impact Type                                                             | Other                                                                       | Navigation Channel                                                          | Segment Divider                                                    | Existing EOP                                                    | Proposed EOP & Paved Shoulder                                                                          | Guardrail                                                 | SWM Facility                                                 | SWM Dry Swale                                                 | SWM Wet Swale                                                 | SWM Grass Channel                                                 | Sediment Removal at Channel Invert                                                 |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>Permanent</li><li>Temporary</li></ul> | <ul style="list-style-type: none"><li>Ditches</li><li>Streams</li><li>E1UB</li><li>E2EM</li><li>E2FO</li></ul> | <ul style="list-style-type: none"><li>Ditches</li><li>Streams</li></ul> | <ul style="list-style-type: none"><li>Permanent</li><li>Temporary</li></ul> | <ul style="list-style-type: none"><li>Permanent</li><li>Temporary</li></ul> | <ul style="list-style-type: none"><li>Navigation Channel</li></ul> | <ul style="list-style-type: none"><li>Segment Divider</li></ul> | <ul style="list-style-type: none"><li>Existing EOP</li><li>Proposed EOP &amp; Paved Shoulder</li></ul> | <ul style="list-style-type: none"><li>Guardrail</li></ul> | <ul style="list-style-type: none"><li>SWM Facility</li></ul> | <ul style="list-style-type: none"><li>SWM Dry Swale</li></ul> | <ul style="list-style-type: none"><li>SWM Wet Swale</li></ul> | <ul style="list-style-type: none"><li>SWM Grass Channel</li></ul> | <ul style="list-style-type: none"><li>Sediment Removal at Channel Invert</li></ul> |



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**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA





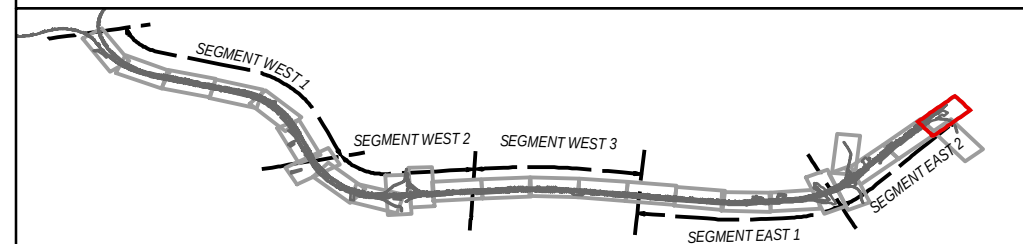
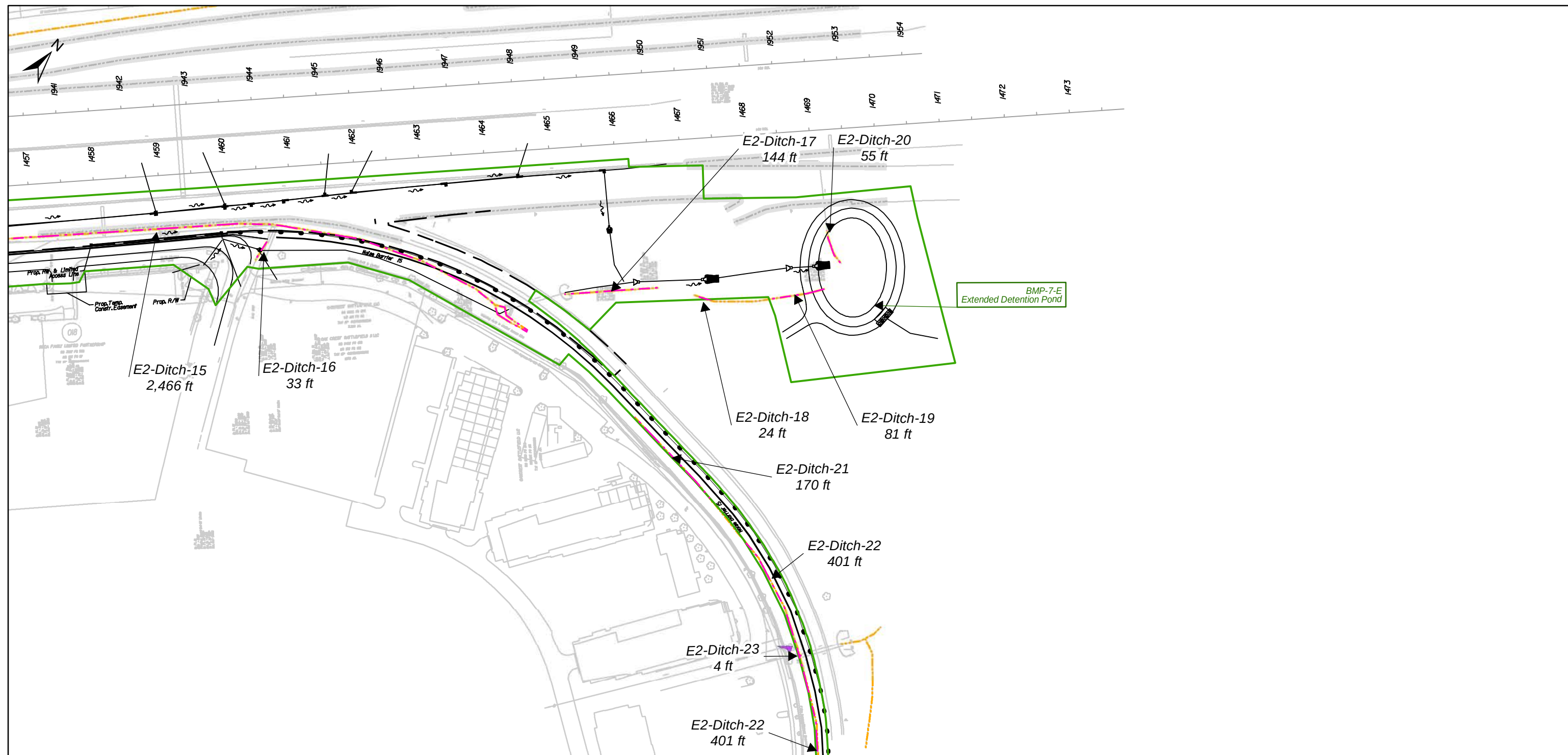
| Limits of Disturbance | Jurisdictional Wetlands and Waters | Impact Type | Other     | Navigation Channel            | SWM Facility                       |
|-----------------------|------------------------------------|-------------|-----------|-------------------------------|------------------------------------|
| Permanent             | Ditches                            | Ditches     | Permanent | Navigation Channel            | SWM Dry Swale                      |
| Temporary             | Streams                            | Streams     | Temporary | Segment Divider               | SWM Wet Swale                      |
|                       | E1UB                               | Permanent   | Other     | Existing EOP                  | SWM Grass Channel                  |
|                       | E2EM                               | Temporary   | Permanent | Proposed EOP & Paved Shoulder | Sediment Removal at Channel Invert |
|                       | E2FO                               | Permanent   | Temporary | Guardrail                     |                                    |
|                       | PEM                                |             |           |                               |                                    |
|                       | PFO                                |             |           |                               |                                    |
|                       | PSS                                |             |           |                               |                                    |
|                       | PUB                                |             |           |                               |                                    |



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**PROPOSED CONDITIONS**  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA





#### Limits of Disturbance

- Permanent
- Temporary

#### Jurisdictional Wetlands and Waters

- Ditches
- Streams
- E1UB
- E2EM
- E2FO
- E2SS
- PEM
- PFO
- PSS
- PUB

#### Impact Type

- Ditches
- Streams
- Other
- Permanent
- Temporary
- Permanent
- Temporary

- Navigation Channel
- Segment Divider
- Existing EOP
- Proposed EOP & Paved Shoulder
- Guardrail

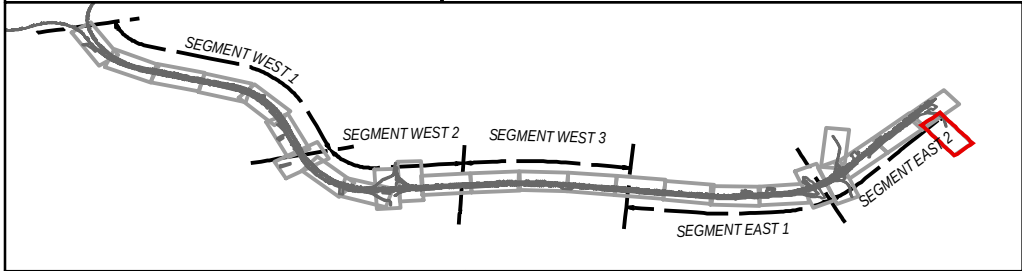
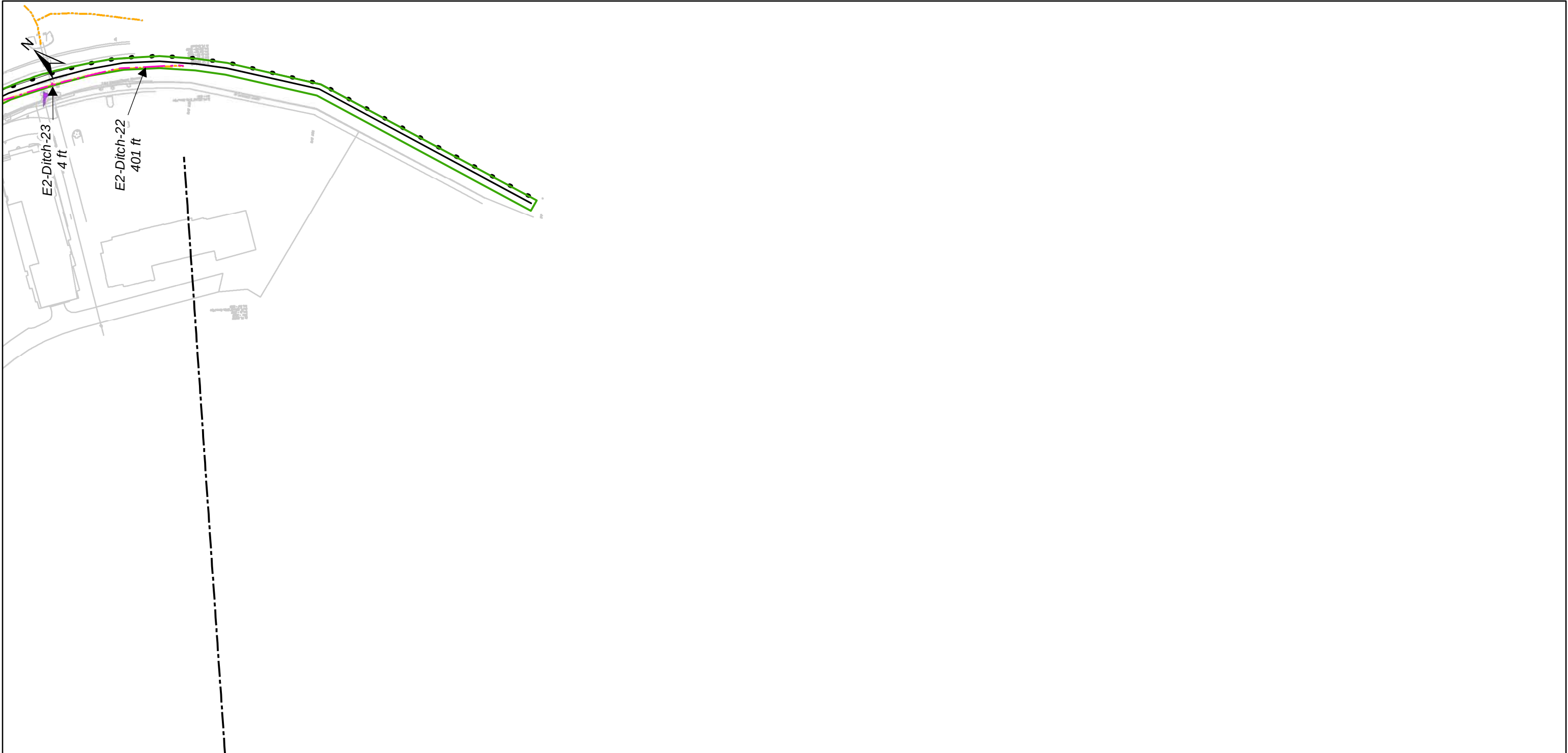
- SWM Facility
- SWM Dry Swale
- SWM Wet Swale
- SWM Grass Channel
- Sediment Removal at Channel Invert

**DRAFT: Joint Permit Applications Drawings**  
**PROPOSED CONDITIONS**  
 I-64 Southside Widening & High Rise Bridge  
 CHESAPEAKE, VIRGINIA

0 75 150 300 Feet

FEB 2018

SHEET 51 of 57

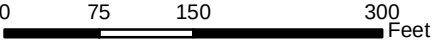


| Limits of Disturbance | Jurisdictional Wetlands and Waters |                 | Impact Type          |                      | Other                |                                              |                                               |  |
|-----------------------|------------------------------------|-----------------|----------------------|----------------------|----------------------|----------------------------------------------|-----------------------------------------------|--|
| <div>Permanent</div>  | <div>Ditches</div>                 | <div>E2SS</div> | <div>Ditches</div>   |                      | <div>Permanent</div> | <div>Navigation Channel</div>                | <div>SWM Facility</div>                       |  |
| <div>Temporary</div>  | <div>Streams</div>                 | <div>PEM</div>  | <div>Permanent</div> | <div>Permanent</div> | <div>Temporary</div> | <div>Segment Divider</div>                   | <div>SWM Dry Swale</div>                      |  |
|                       | <div>E1UB</div>                    | <div>PFO</div>  | <div>Temporary</div> | <div>Streams</div>   |                      | <div>Existing EOP</div>                      | <div>SWM Wet Swale</div>                      |  |
|                       | <div>E2EM</div>                    | <div>PSS</div>  | <div>Permanent</div> | <div>Permanent</div> |                      | <div>Proposed EOP &amp; Paved Shoulder</div> | <div>SWM Grass Channel</div>                  |  |
|                       | <div>E2FO</div>                    | <div>PUB</div>  | <div>Temporary</div> | <div>Temporary</div> |                      | <div>Guardrail</div>                         | <div>Sediment Removal at Channel Invert</div> |  |



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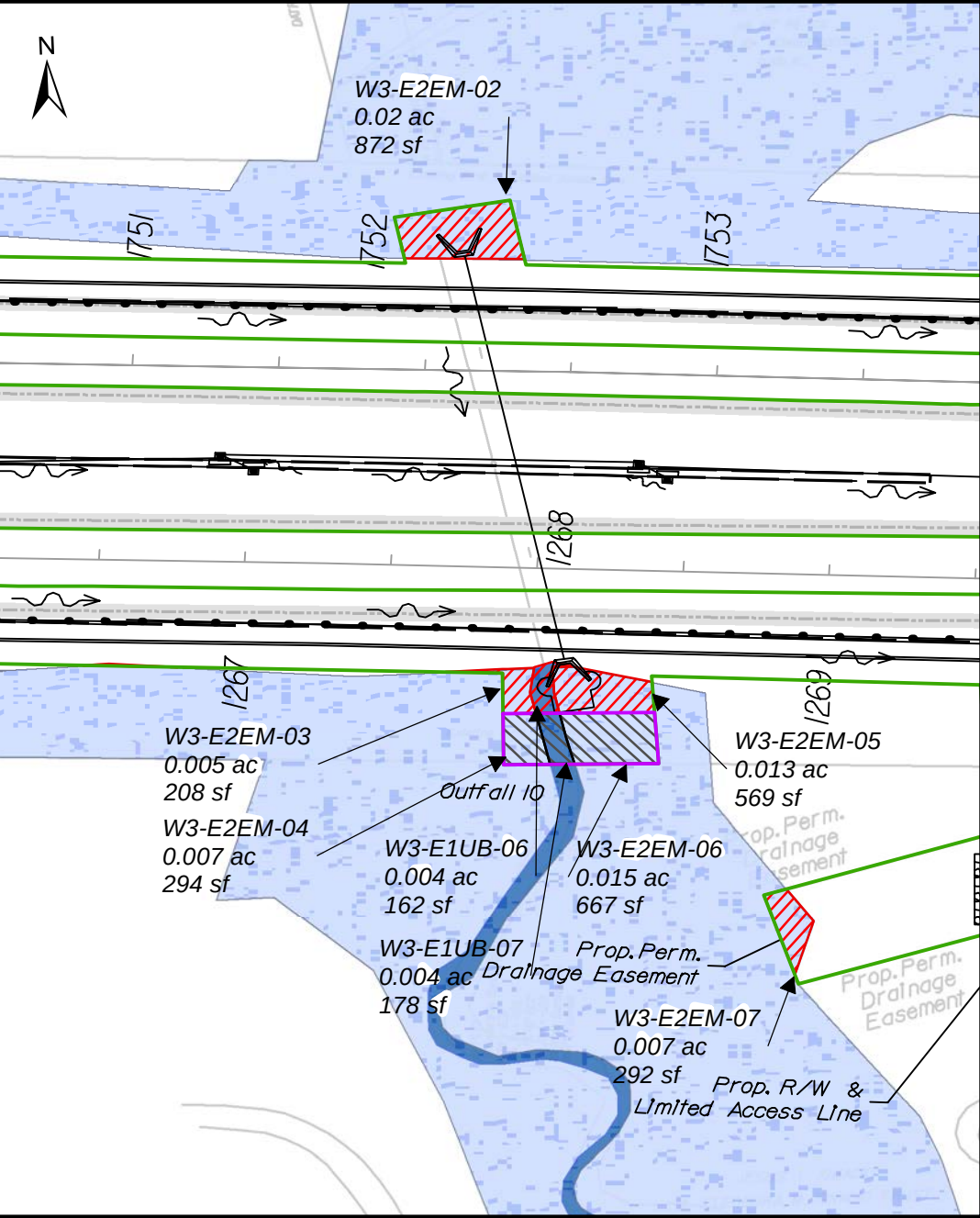
DRAFT: Joint Permit Applications Drawings  
PROPOSED CONDITIONS  
I-64 Southside Widening & High Rise Bridge  
CHESAPEAKE, VIRGINIA



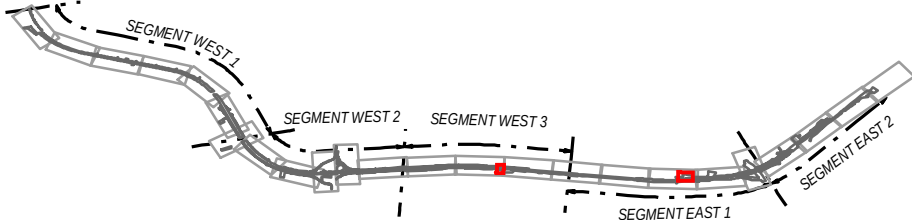
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SHEET 52 of 57

INSET 1: SHEET 40  
Deep Creek Tributary Crossing



INSET 2: SHEET 44  
BMP-1E Constructed Wetland



| Limits of Disturbance | Jurisdictional Wetlands and Waters | Impact Type | Other     | Navigation Channel            | SWM Facility                       |
|-----------------------|------------------------------------|-------------|-----------|-------------------------------|------------------------------------|
| Permanent             | Ditches                            | Ditches     | Permanent | Existing EOP                  | SWM Dry Swale                      |
| Temporary             | Streams                            | Permanent   | Temporary | Proposed EOP & Paved Shoulder | SWM Wet Swale                      |
|                       | E1UB                               | Temporary   |           | Guardrail                     | SWM Grass Channel                  |
|                       | E2EM                               | Streams     | Permanent |                               | Sediment Removal at Channel Invert |
|                       | E2FO                               | Permanent   | Temporary |                               |                                    |
|                       | PFO                                |             |           |                               |                                    |
|                       | PSS                                |             |           |                               |                                    |
|                       | PUB                                |             |           |                               |                                    |



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