

|                |   |                       |
|----------------|---|-----------------------|
| <b>SKANSKA</b> | Washington State<br>Department of<br>Transportation<br><br>I-405, Brickyard to SR 527<br>Improvement Project<br>Contract No. 009727 | Doc Type: SUB         |
|                |   | REV#: 0               |
|                |   | SPEC SECTION: 2.8.5.4 |
|                |   | DATE: 03/12/2024      |
|                |   | CRE #: BY-CRE-00366   |

|   |  |
|---|--|
| <b>To:</b> Washington State Dept. of Transportation<br>18911 N Creek Pkwy S<br>Suite 150<br>Bothell, WA 98011 | <b>From:</b> Skanska USA Civil West<br>1995 Agua Mansa Road<br>Riverside, CA 92509 |
| Submittal: BY-CRE-00366_009727_SUB_20.11.01_Sensitive Area Verification Letter - Remaining Areas              |  |

**SKA REFERENCE DOCUMENTS**

|   |
|---|
| Subcontractor/Supplier: Atlas   |
| SKA Title and Description: Sensitive Area Verification Letter - Remaining Areas |
| Due Date: 03/26/2024  |

**ADDITIONAL REMARKS**

Sensitive Area Verification Letter providing independent verification for the areas outside of the priority areas covered in the previous submittal.

Approved by  \_\_\_\_\_  
Patrick Prendergast, Vice President - Operations



**I-405, Brickyard to SR 527 – Improvement Project**

**MP 21.40 – MP 27.06**

**WSDOT Contract No. 009727**

**Sensitive Area Verification Letter**

**RFP Section 2.8.5.4**

**March 11, 2024**

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**Prepared for:**

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## Sensitive Area Verification Letter

### Revision History

| Revision Number | Revision Date | Description of Changes |
|-----------------|---------------|------------------------|
| 00              | 3/11/24       | Initial Submittal      |
|                 |               |                        |
|                 |               |                        |
|                 |               |                        |
|                 |               |                        |
|                 |               |                        |
|                 |               |                        |
|                 |               |                        |
|                 |               |                        |
|                 |               |                        |

# Sensitive Area Verification Letter

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## ACRONYMS

|       |   |
|-------|---|
| BRT   | Bus Rapid Transit                             |
| DNR   | Department of Natural Resources               |
| ETL   | Express Toll Lane                             |
| IAL   | Impact Area Line                              |
| I     | Interstate                                    |
| JARPA | Joint Aquatic Resources Permit Application    |
| MP    | Milepost                                      |
| OSG   | O'Neill Service Group                         |
| RFP   | Request for Proposal                          |
| ROW   | Right-of-Way                                  |
| SR    | State Route                                   |
| WDFW  | Washington Department of Fish and Wildlife    |
| WPIT  | Wetland Professional in Training              |
| WSAR  | Wetland and Stream Assessment Report          |
| WSDOT | Washington State Department of Transportation |

## 1.0 INTRODUCTION

This Sensitive Area Verification Letter (SAVL) was prepared on behalf of Skanska in support of the Washington State Department of Transportation (WSDOT) Interstate (I)-405, Brickyard to State Route (SR) 527 Improvement Project (Project). It provides an independent verification of sensitive areas identified within the project area as required under Chapter 2.8.5.4, *Sensitive Areas*, of the Request for Proposal (RFP). Wetlands evolve over time; therefore, this verification ensures that no wetlands or streams were unidentified prior to RFP issuance and that any change in conditions after the initial delineation are documented and processed. This report satisfies the requirements of RFP Chapter 2.8.5.4.

A pre-proposal wetland and stream study was conducted by WSDOT in 2019 and 2020. The project area was divided into two Wetland and Stream Assessment Report (WSAR) submittals: The I-405, SR 522 to SR 527 Express Toll Lanes (ETL) Improvement Project and the I-404, Brickyard Inline Transit Station Project (WSDOT 2020) (WSDOT 2021). The two submittals included the maximum extent of the proposed project footprint and the delineation boundaries identified in the WSDOT WSARs. These boundaries were used for environmental permitting for the Project.

The Project requirements state that wetland and stream boundaries will be verified by the Design Builder and any deviations from the original boundaries will be surveyed and reported to WSDOT. This letter addresses wetland delineation boundaries, characterizations, ratings, and functional assessments, as well as an assessment of all streams within the Project vicinity. Changes identified by this letter (if any) may need to be verified by WSDOT and submitted for agency review.

The 1a Package Clearing Limits SAVL was submitted to WSDOT November 21, 2023, and it described sensitive areas within and immediately around the 522 Priority Area of the Project. All wetland and stream delineations addressed in this report pertain to all other areas within the Project that are outside of the 1a Package Clearing Limits.

## 2.0 PROJECT OVERVIEW

The I-405, Brickyard to SR 527 Improvement Project will enhance four and half miles along the I-405 corridor between SR 522 and SR 527. This will include an expansion of express toll lane (ETL) capacity, road widening to facilitate new lanes, interchange improvements, and a new transit-only Bus Rapid Transit (BRT) station. The project includes fish passage improvements in addition to local roadway improvements and noise wall installation. The goal of the project is to improve transportation mobility and reliability throughout the region.

### 3.0 METHODS

Publicly available records and the contract documents were reviewed in advance of the field verification to confirm the accuracy of the WSDOT WSAR wetland boundaries and ratings. OSG Biologists reviewed the WSAR maps, narratives, rating forms, and determination data sheets for consistency and verified boundaries by comparing delineation maps with ground conditions. Verification was performed within the Impact Area Line (IAL) in accordance with the *1987 Corps of Engineers Wetlands Delineation Manual (Environmental Laboratory 1987)*, *Regional Supplement to the US Army Corps of Engineers Wetlands Delineation Manual: Western Mountains, Valleys, and Coast Region (Environmental Laboratory 2010)*. All sensitive areas not addressed in the 1a Package Clearing Limits SAVL were visited and screened for accuracy. Wetland, stream, and aquatic resource assessment fieldwork was completed between November 2023 and March 2024 by OSG Biologists Shannon Ingebright, WPIT and Abi Schuetze by walking the extent of the Project area.

OSG conducted a desktop literature review to gather information on precipitation, topography, drainage patterns, soils, vegetation, and potential or known wetlands and streams in the project vicinity. Sources of information included the following:

- Aerial imagery of the study area (Google Earth Aerial 2023)
- National Wetlands Inventory (NWI) (USFWS 2023)
- SalmonScape (WDFW 2023b)
- Washington State Priority Habitat and Species (PHS) database (WDFW 2023a)
- WA Natural Heritage Program Data Explorer (DNR 2023b)
- Washington Lidar Portal (DNR 2023a)
- Climate and Precipitation Data (NRCS 2023a)
- Hydric Soil list (NRCS 2023c)
- Soil survey maps for the study area (NRCS 2023b)
- City of Bothell (COB) COB Map (COB 2023)
- WSDOT WSAR I-405, SR522 Vicinity to SR 527 Express Toll Lanes Improvements (WSDOT 2020a)
- WSDOT Jurisdictional Ditch Assessment (WSDOT 2020b)
- WSDOT Wetland Mitigation Report (WSDOT 2020c)
- WSDOT WSAR I-405, Brickyard In-line Transit Station (WSDOT 2021)
- WSDOT Jurisdictional Ditch Assessment for I-405, SR522 Vicinity to SR527 ETL Improvement Project (WSDOT 2020b)

- 1 • WSDOT Wetland and Stream Mitigation Report I-405, SR 522 to SR 527 ETL Improvement Project (WSDOT  
2 2020c)
- 3 • WSDOT Joint Aquatic Resources Permit Application (JARPA) Permit Drawings (WSDOT 2022)
- 4 • WSDOT Impact Area Line from MicroStation last updated August 18, 2023

## 5 **4.0 FINDINGS**

6 The Project is generally limited to the WSDOT right-of-way (ROW) and does not include parcels or residential  
7 properties which were demolished or otherwise altered for the project that could lead to shifts in vegetation,  
8 hydrology, and soils. Similarly, land use within the project vicinity has also generally remained the same with no  
9 observable differences in the amount or extent of impervious surfaces or land use intensity. Overall, vegetation,  
10 soil, and hydrologic conditions within the project area are similar to the conditions present in 2019 and 2020.

11 The three-month period prior to the November verification exhibited drier than normal precipitation conditions  
12 compared to the 30-year average. The daily precipitation preceding November fieldwork was considered normal.  
13 The three-month period prior to March fieldwork exhibited wetter than normal precipitation conditions compared  
14 to the 30-year average, and the daily precipitation preceding March fieldwork was considered heavy.

15 During wetland and stream verification efforts, thirty-two (32) wetlands and nine (9) streams were accessed and  
16 identified. Two (2) wetlands were inaccessible but were visually identified. No additional wetland or stream  
17 features were identified.

### 18 **4.1 Concurrence with Previously Identified Environmentally Sensitive Areas**

19 Preliminary findings and questions were reviewed with WSDOT prior to the verification surveys, as needed.  
20 WSDOT and the Environmental Team confirmed the following:

- 21 • All identified WSDOT, City of Bothell, and commercial stormwater ponds within the project area are not  
22 regulated/jurisdictional. Therefore, the features were not delineated or permitted for impact.
- 23 • Areas identified as stormwater treatment and conveyance, such as bioswales and Compost Amended  
24 Vegetation Filter Strips (CAVFS) that are associated with wetlands, are not jurisdictional. Therefore, these  
25 features were not delineated or permitted for impact.

26 The verification survey confirmed that accessible streams and wetlands are consistent with the WSDOT WSAR for  
27 the subject area and no changes are proposed. Appendix A indicates the location of wetland and stream features  
28 submitted in the WSAR. No additional features were identified, therefore the WSARs are consistent with field  
29 conditions. No further action is required.

## 4.2 Inaccessible Wetlands

Wetland 27.30M and Wetland 26.32L were inaccessible to OSG biologists. Skanska provided escort for an OSG wetland ecologist on March 7, 2024, to access these and other difficult to reach sensitive areas. Wetland 27.30M was deemed not safely accessible because of its proximity to I-405 ROW. Several drive-by passes were performed to gauge for safe pull off areas, and none were observed. Therefore, Wetland 27.30M was visually assessed. The presence of hydrophytic vegetation including broadleaf cattail (*Typha latifolia*, OBL) and reed canary grass (*Phalaris arundinacea*, FACW) was observed throughout the length of the wetland boundary. Surface water was observable indicating the presence hydrology. The subject area is clearly a wetland as previously identified (WSDOT 2020a, WSDOT 2020c). There are no proposed permanent or temporary impacts to this wetland, and it occurs outside of the IAL.

Wetland 26.32L is surrounded by chain link fence and private, single-family residences. An OSG wetland ecologist walked the length of the fence and found there is no way to safely circumvent it. The gates are locked and secure. Wetland 26.32L was therefore visually assessed from behind the chain link fence. The presence of hydrophytic vegetation included red alder (*Alnus rubra*, FAC), salmonberry (*Rubus spectabilis*, FAC), and reed canary grass. South Perry Creek appears to flow through the wetland boundary, and surface water from the stream was observed in the wetland boundary. The presence of hydrology and hydrophytic vegetation indicates the subject area is a wetland as previously identified by WSDOT (WSDOT 2020a, WSDOT 2020c). There are no proposed permanent or temporary impacts to this wetland, and it occurs outside of the IAL.

The visual assessment of Wetlands 27.30M and 26.32L confirms that they are consistent with the WSDOT WSAR and WSMR, and no changes are proposed. Appendix A indicates the location of wetland and stream features submitted in the WSAR. No further action is required since there are no changes from the original report.

## 5.0 CONCLUSION

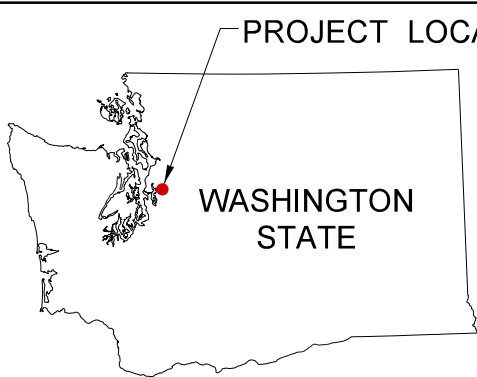
This Letter documents the investigation, best professional judgment, and conclusions of OSG based on the site conditions encountered at the time of this study. The verification was performed in compliance with accepted standards for professional wetland biologists and applicable federal, state, and local laws and ordinances, as well as WSDOT policies and guidance. The information contained in this report is correct and complete to the best of our knowledge. The findings should be considered a preliminary jurisdictional determination of wetlands and other waters until it is reviewed and approved in writing by the appropriate jurisdictional authorities. The final determination of the wetland boundary, classification, and required setback and buffer will be made by local, state, and federal jurisdictions.

## 6.0 REFERENCES

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27 to SR527 ETL Project. I.405, Brickyard to SR527 Improvement project.

## **Appendix A: JARPA Drawings**



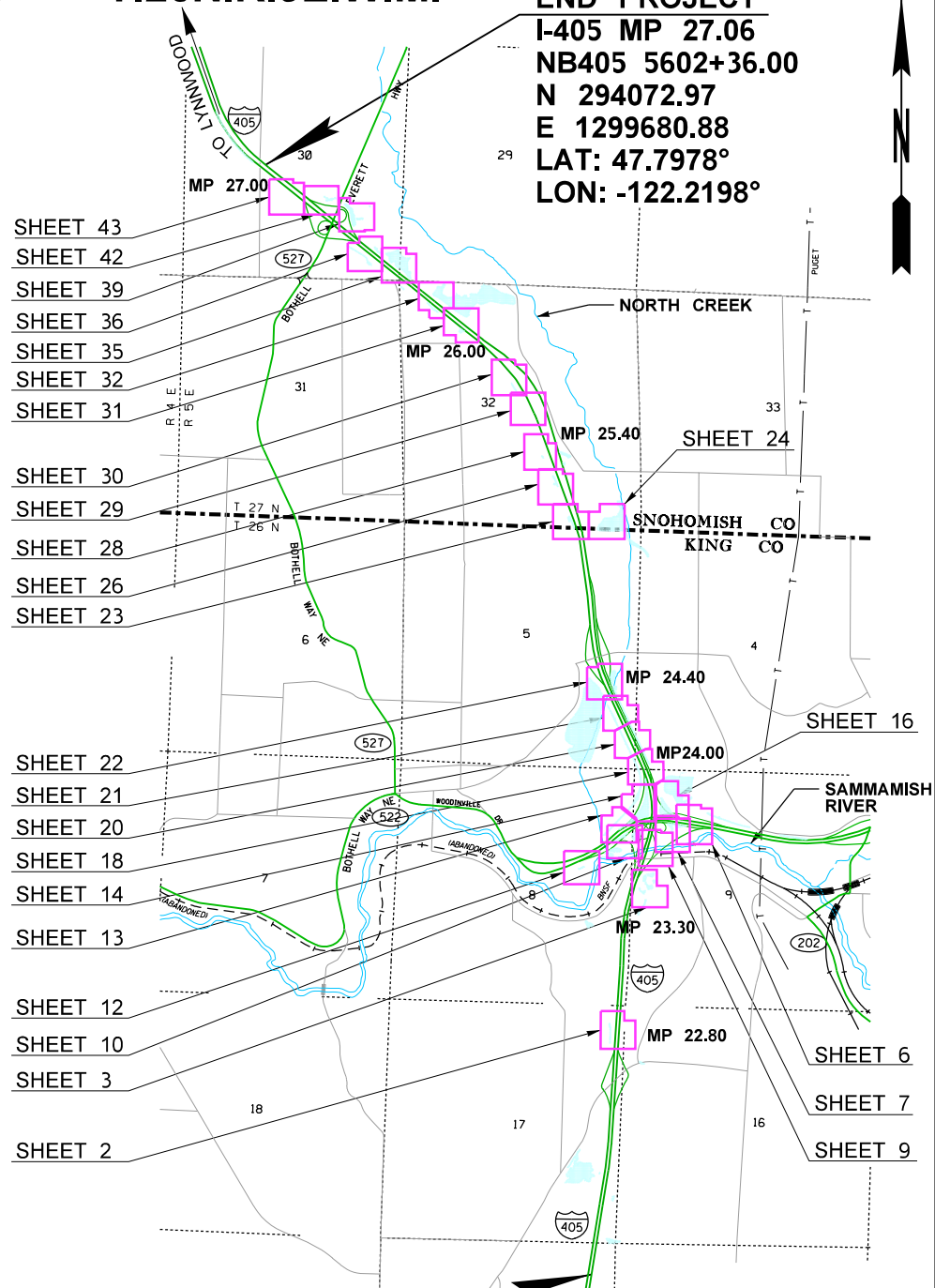
PROJECT LOCATION

**T.26N.R.5E.W.M.**

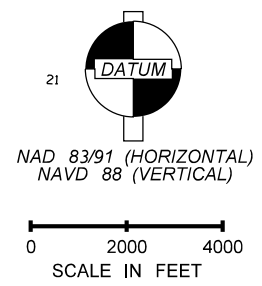
**END PROJECT**  
**I-405 MP 27.06**  
**NB405 5602+36.00**  
**N 294072.97**  
**E 1299680.88**  
**LAT: 47.7978°**  
**LO: -122.2198°**

**I-405  
 SR 522 VICINITY TO SR 527 EXPRESS  
 TOLL LANES IMPROVEMENT PROJECT**

| LEGEND |                                    |
|--------|------------------------------------|
|        | WSDOT RIGHT OF WAY                 |
|        | LIMITED ACCESS                     |
|        | WETLAND                            |
|        | WETLAND BOUNDARY                   |
|        | WETLAND BUFFER                     |
|        | STREAM CENTER LINE                 |
|        | ORDINARY HIGH WATER MARK BOUNDARY  |
|        | STREAM BUFFER                      |
|        | EXISTING DITCH                     |
|        | FLOW ARROW                         |
|        | EXISTING CULVERT                   |
|        | EXISTING STORM PIPE                |
|        | EXISTING EDGE OF PAVEMENT          |
|        | CUT LINE                           |
|        | FILL LINE                          |
|        | ROADWAY CENTERLINE                 |
|        | PROPOSED CULVERT                   |
|        | PROPOSED STORM PIPE                |
|        | PROPOSED MEDIA FILTER DRAIN        |
|        | PROPOSED BIOFILTRATION SWALE       |
|        | PROPOSED DETENTION POND            |
|        | PROPOSED EDGE OF PAVEMENT          |
|        | PROPOSED RETAINING WALL            |
|        | PROPOSED BARRIER                   |
|        | PERMANENT WETLAND IMPACT           |
|        | LONG-TERM TEMPORARY WETLAND IMPACT |
|        | PERMANENT WETLAND BUFFER IMPACT    |
|        | TEMPORARY WETLAND BUFFER IMPACT    |
|        | PERMANENT STREAM IMPACT            |
|        | TEMPORARY STREAM IMPACT            |
|        | PERMANENT STREAM BUFFER IMPACT     |
|        | TEMPORARY STREAM BUFFER IMPACT     |
|        | CONVERT BUFFER TO STREAM           |
|        | CONVERT WETLAND TO STREAM          |
|        | INDIRECT WETLAND IMPACT            |
|        | PERMANENT CONVERSION               |



**BEGIN PROJECT**  
**I-405 MP 21.79**  
**NB405 5322+58.79**  
**N 269622.95**  
**E 1306975.56**  
**LAT: 47.7311°**  
**LO: -122.1883°**



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING /SNOHOMISH                        |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND /BOTHELL                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del> IRYHPEHU            |

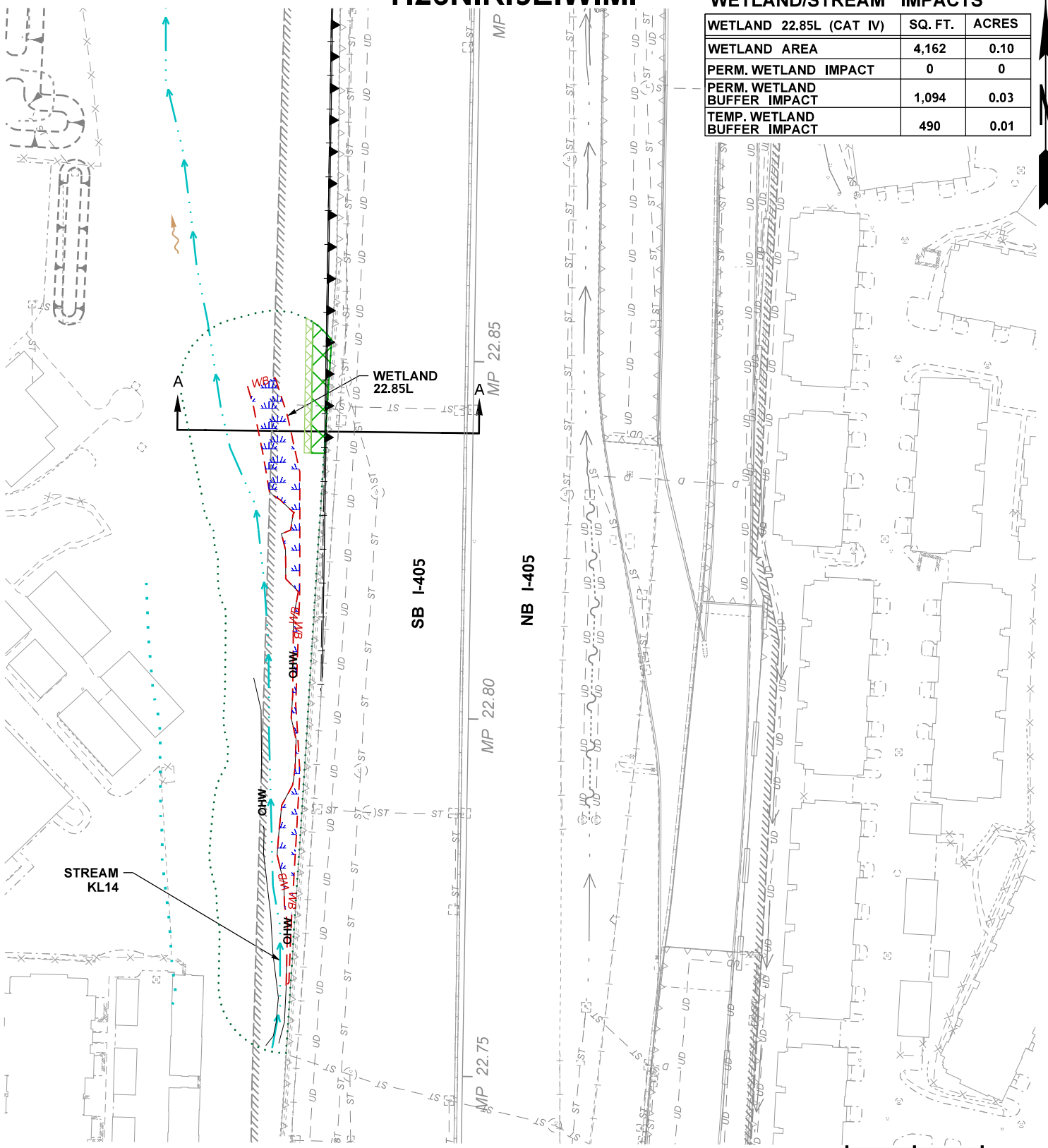
**Washington State  
 Department of Transportation**

SHEET: 1 OF: 46

# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WETLAND 22.85L (CAT IV)     | SQ. FT. | ACRES |
|-----------------------------|---------|-------|
| WETLAND AREA                | 4,162   | 0.10  |
| PERM. WETLAND IMPACT        | 0       | 0     |
| PERM. WETLAND BUFFER IMPACT | 1,094   | 0.03  |
| TEMP. WETLAND BUFFER IMPACT | 490     | 0.01  |



|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> <b>TRYPHEHU</b>     |



**Washington State  
Department of Transportation**

SHEET: 2 OF: 46

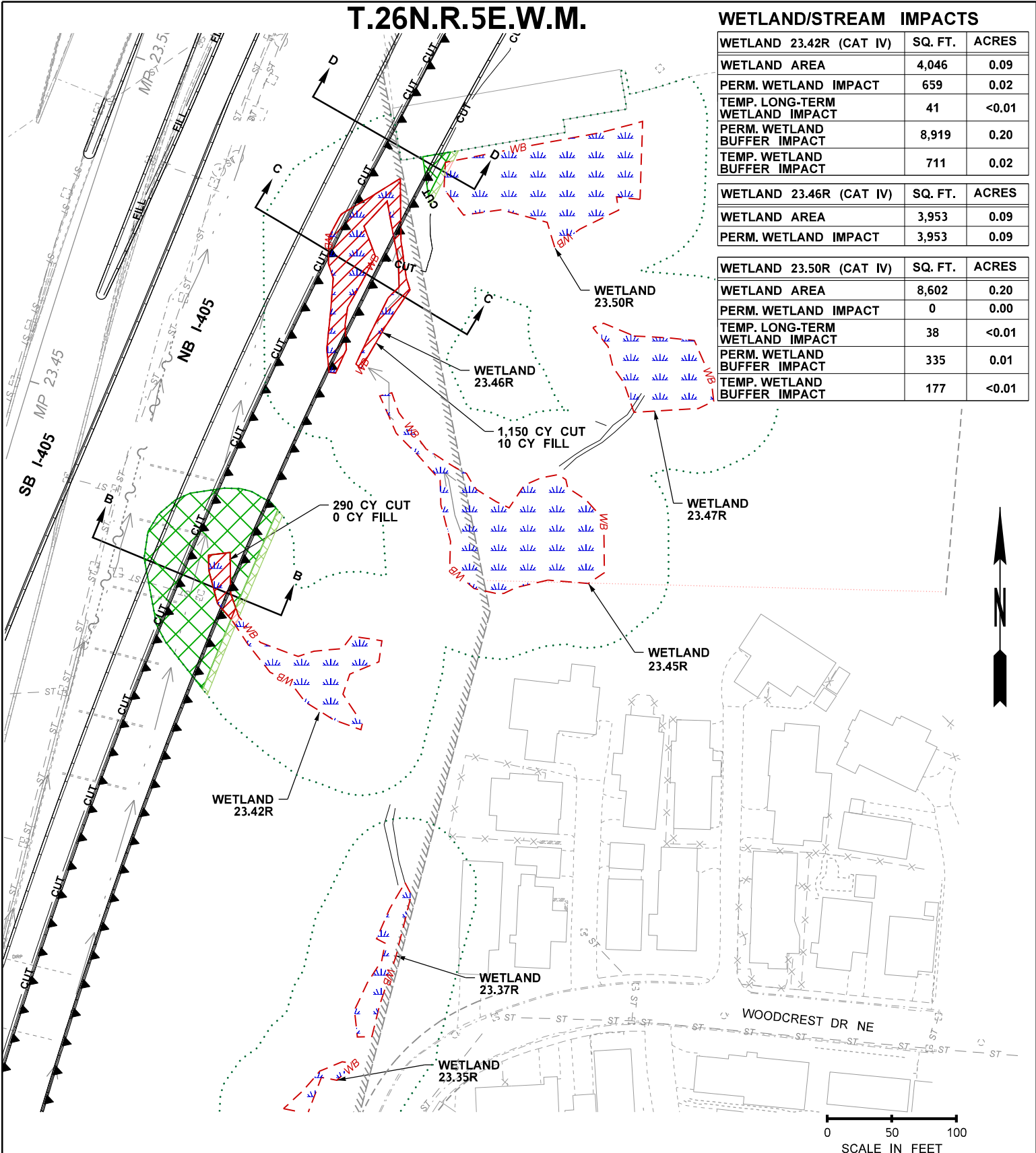
# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WETLAND 23.42R (CAT IV)        | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| WETLAND AREA                   | 4,046   | 0.09  |
| PERM. WETLAND IMPACT           | 659     | 0.02  |
| TEMP. LONG-TERM WETLAND IMPACT | 41      | <0.01 |
| PERM. WETLAND BUFFER IMPACT    | 8,919   | 0.20  |
| TEMP. WETLAND BUFFER IMPACT    | 711     | 0.02  |

| WETLAND 23.46R (CAT IV) | SQ. FT. | ACRES |
|-------------------------|---------|-------|
| WETLAND AREA            | 3,953   | 0.09  |
| PERM. WETLAND IMPACT    | 3,953   | 0.09  |

| WETLAND 23.50R (CAT IV)        | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| WETLAND AREA                   | 8,602   | 0.20  |
| PERM. WETLAND IMPACT           | 0       | 0.00  |
| TEMP. LONG-TERM WETLAND IMPACT | 38      | <0.01 |
| PERM. WETLAND BUFFER IMPACT    | 335     | 0.01  |
| TEMP. WETLAND BUFFER IMPACT    | 177     | <0.01 |



PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT

PURPOSE: ROADWAY IMPROVEMENTS

PROPOSED:

LOCATION: I-405 CORRIDOR, BOTHELL, WA

DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88

ADJACENT PROPERTY OWNERS:

REFERENCE:

APPLICANT: WSDOT

COUNTY: KING /SNOHOMISH

NEAR: KIRKLAND /BOTHELL

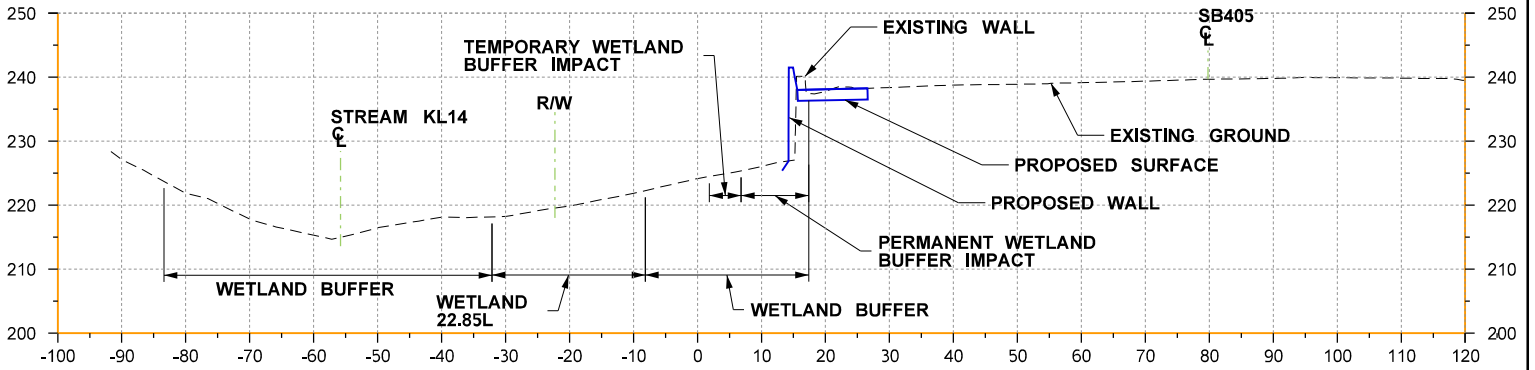
WATER BODY: Sammamish River, Tribs, & Wetlands

DATE: ~~JUNE 2020~~ IRYHPEHU

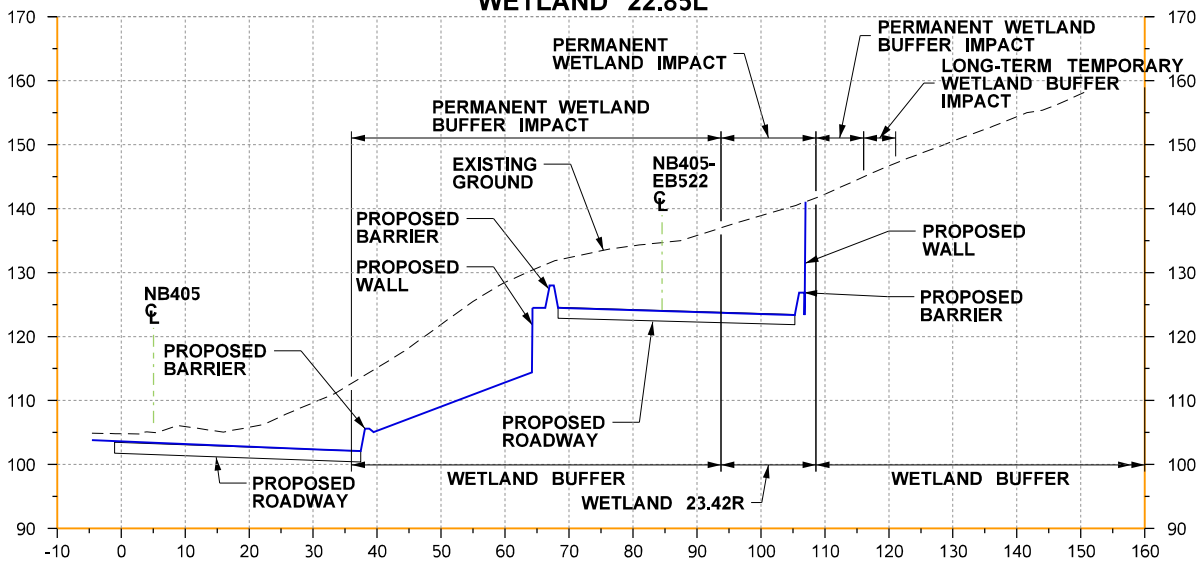


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Department of Transportation

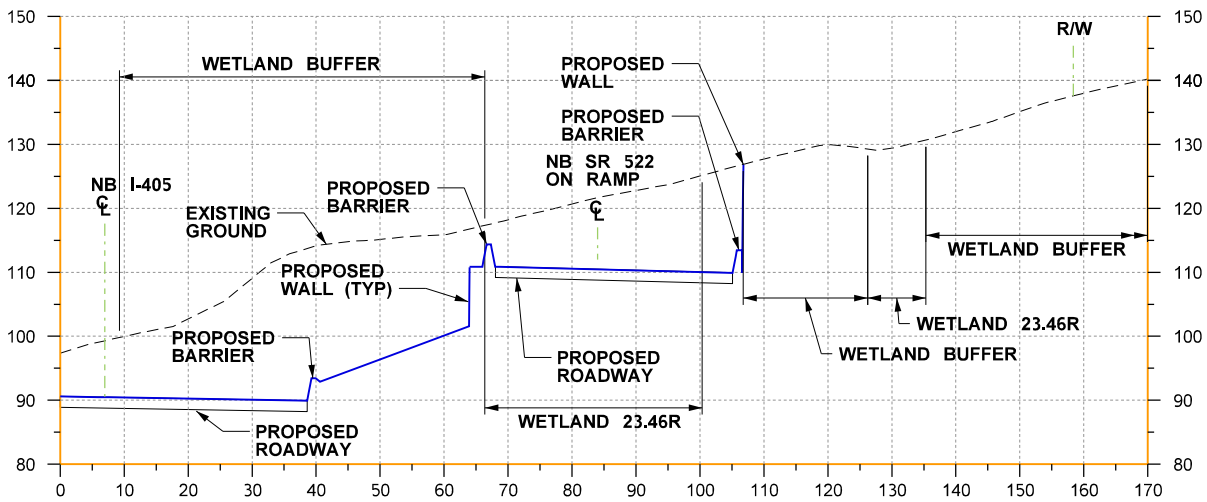
SHEET: 3 OF: 46



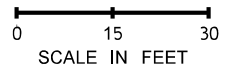
**SECTION A-A (MP 22.83)  
WETLAND 22.85L**



**SECTION B-B (MP 23.43)  
WETLAND 23.42R**



**SECTION C-C (MP 23.48)  
WETLAND 23.46R**

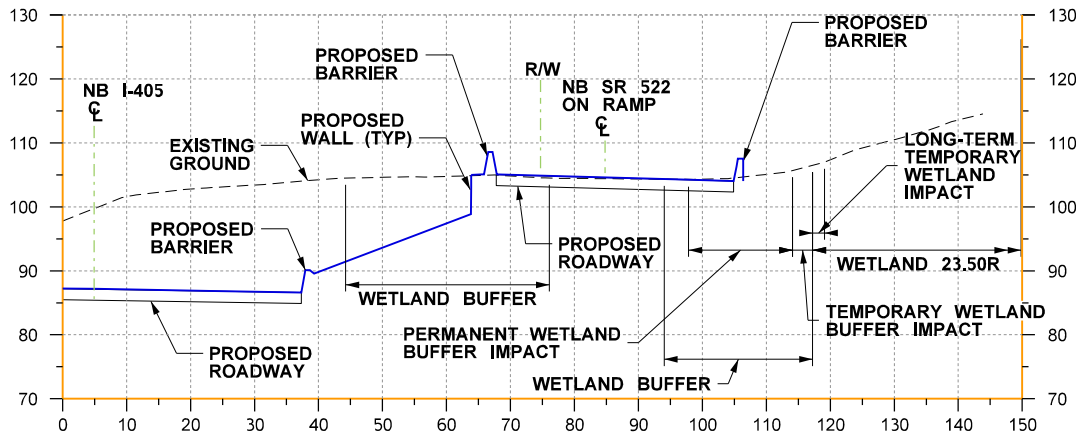


|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                               |
| <b>PROPOSED:</b>   | APPLICANT: WSDOT                                |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING / SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND / BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | WATER BODY: Sammamish River, Tribes, & Wetlands |
|  | DATE: <del>JUNE 2020</del> IRYHPEHU             |

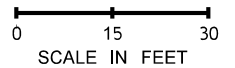


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SHEET: 4 OF: 46



SECTION D-D (MP 23.50)  
WETLAND 23.50R



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> LRYHPEHU            |



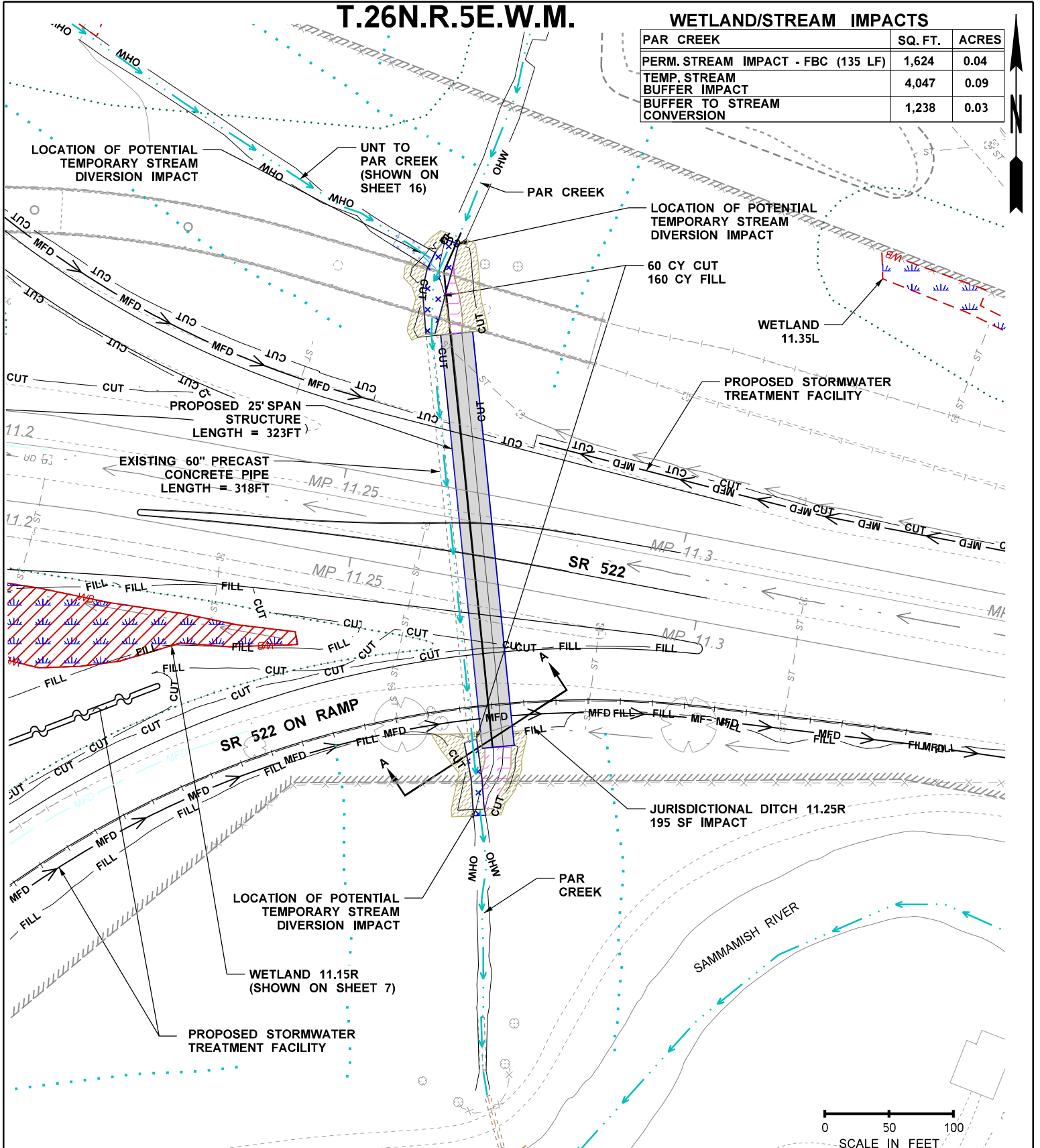
**Washington State  
Department of Transportation**

SHEET: 5 OF: 46


# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| PAR CREEK                          | SQ. FT. | ACRES |
|------------------------------------|---------|-------|
| PERM. STREAM IMPACT - FBC (135 LF) | 1,624   | 0.04  |
| TEMP. STREAM BUFFER IMPACT         | 4,047   | 0.09  |
| BUFFER TO STREAM CONVERSION        | 1,238   | 0.03  |



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING / SNOHOMISH                       |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND / BOTHELL                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del> IRYHPEHU            |



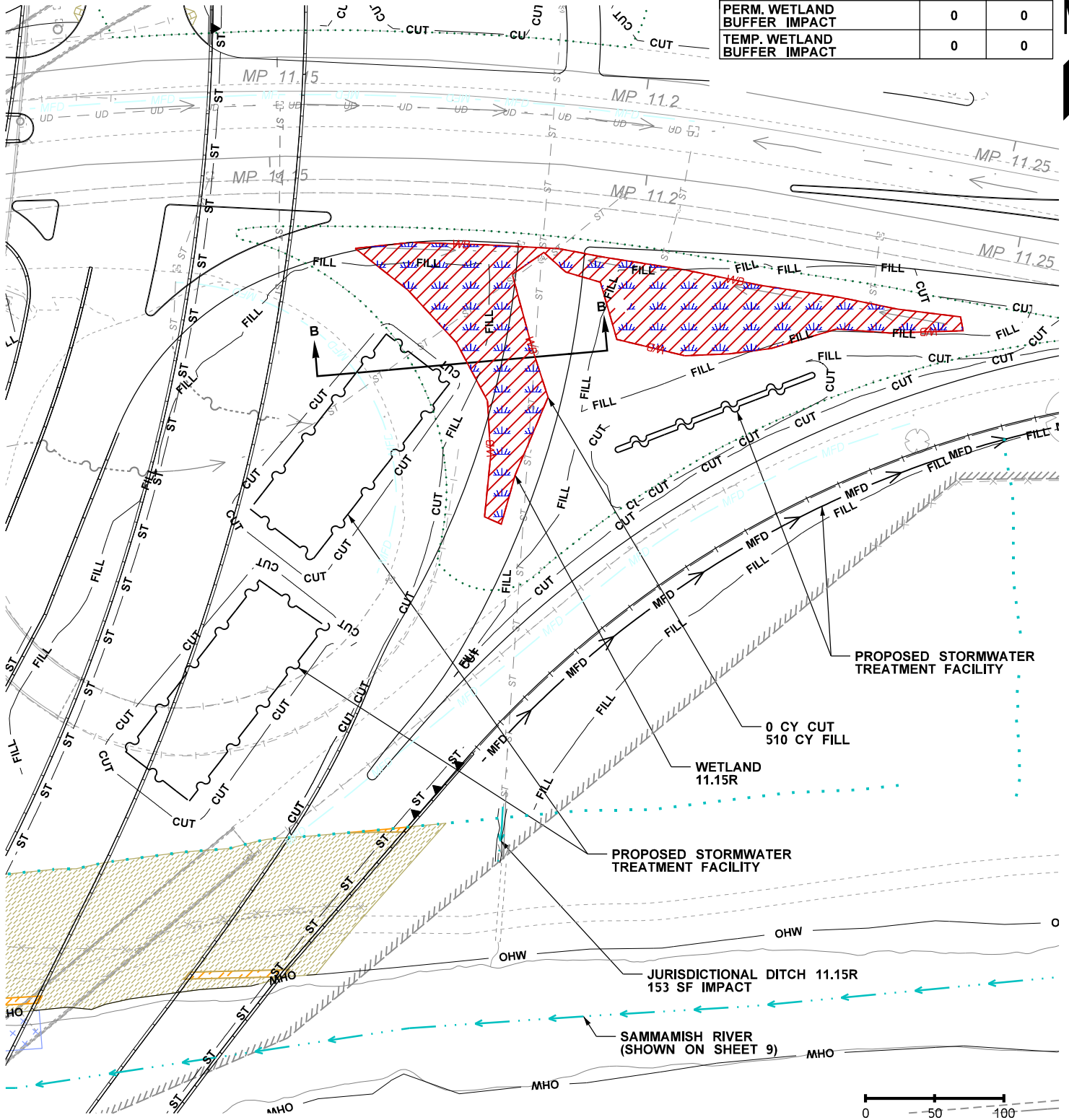
**Washington State  
Department of Transportation**

SHEET: 6 OF: 46

# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WETLAND 11.15R (CAT IV)     | SQ. FT. | ACRES |
|-----------------------------|---------|-------|
| WETLAND AREA                | 20,584  | 0.47  |
| PERM. WETLAND IMPACT        | 20,584  | 0.47  |
| PERM. WETLAND BUFFER IMPACT | 0       | 0     |
| TEMP. WETLAND BUFFER IMPACT | 0       | 0     |



PROJECT NAME: I-405, BRICKYARD PARK AND RIDE IN-LINE FREEWAY STATION BRT PROJECT

PURPOSE: ROADWAY IMPROVEMENTS

PROPOSED:

LOCATION: I-405 CORRIDOR, BOTHELL, WA

DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88

ADJACENT PROPERTY OWNERS:

REFERENCE:

APPLICANT: WSDOT

COUNTY: KING / SNOHOMISH

NEAR: KIRKLAND / BOTHELL

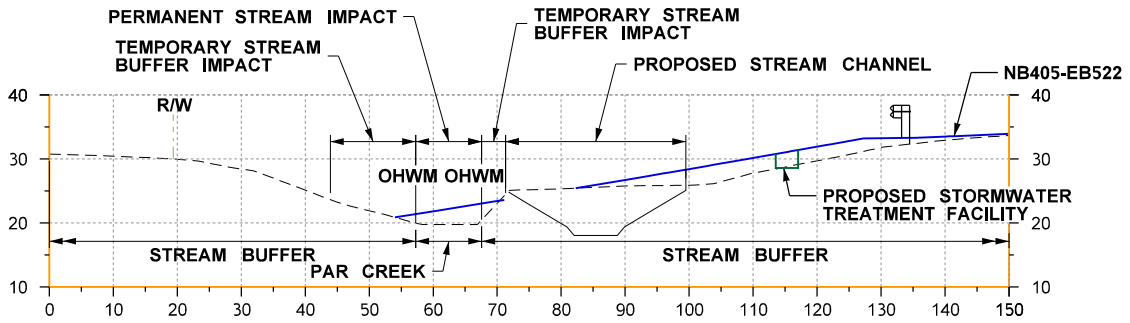
WATER BODY: Sammamish River, Tribs, & Wetlands

DATE: ~~JUNE 2020~~

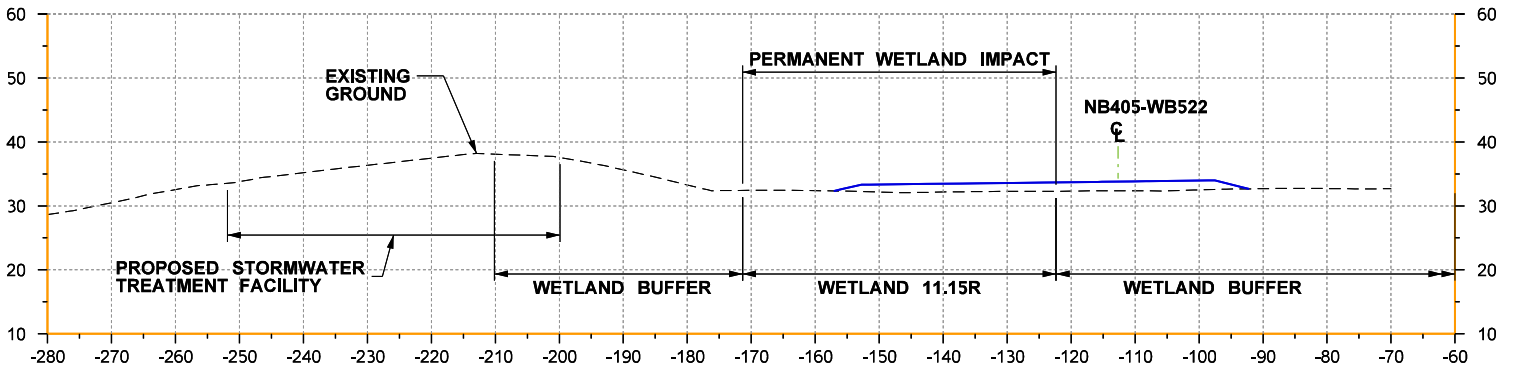


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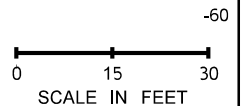
SHEET: 7 OF: 46



**SECTION A-A (MP 11.27)  
PAR CREEK**



**SECTION B-B (MP 11.15)  
WETLAND 11.15R**



|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU            |



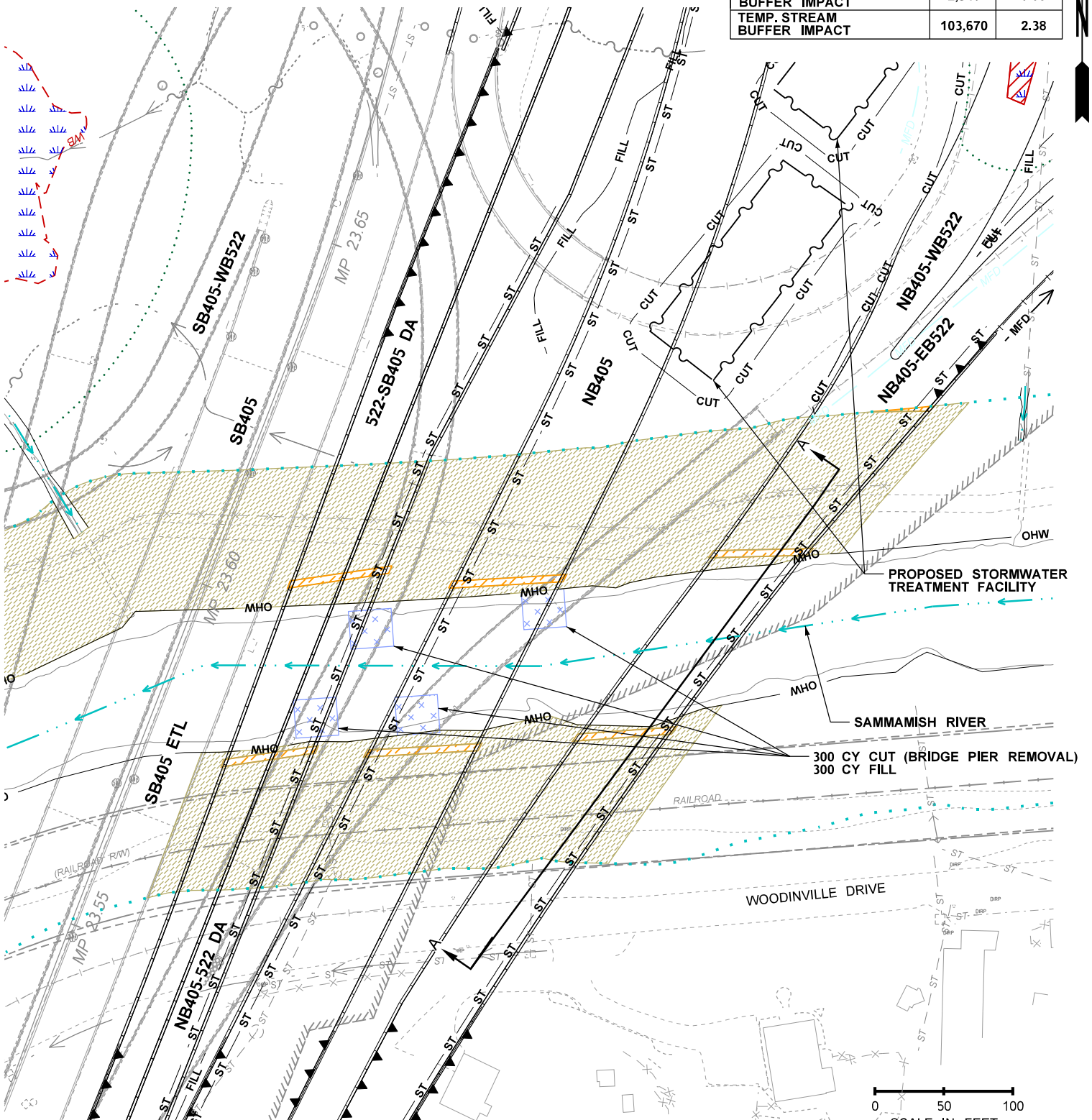
**Washington State  
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# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| SAMMAMISH RIVER            | SQ. FT. | ACRES |
|----------------------------|---------|-------|
| TEMP. STREAM IMPACT        | 3,440   | 0.08  |
| PERM. STREAM BUFFER IMPACT | 2,340   | 0.05  |
| TEMP. STREAM BUFFER IMPACT | 103,670 | 2.38  |



PROJECT NAME: I-405, BRICKYARD PARK AND RIDE IN-LINE FREEWAY STATION BRT PROJECT

PURPOSE: ROADWAY IMPROVEMENTS

PROPOSED:

LOCATION: I-405 CORRIDOR, BOTHELL, WA

DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88

ADJACENT PROPERTY OWNERS:

REFERENCE:

APPLICANT: WSDOT

COUNTY: KING / SNOHOMISH

NEAR: KIRKLAND / BOTHELL

WATER BODY: Sammamish River, Tribs, & Wetlands

DATE: ~~JUNE 2020~~ IRYHPEHU



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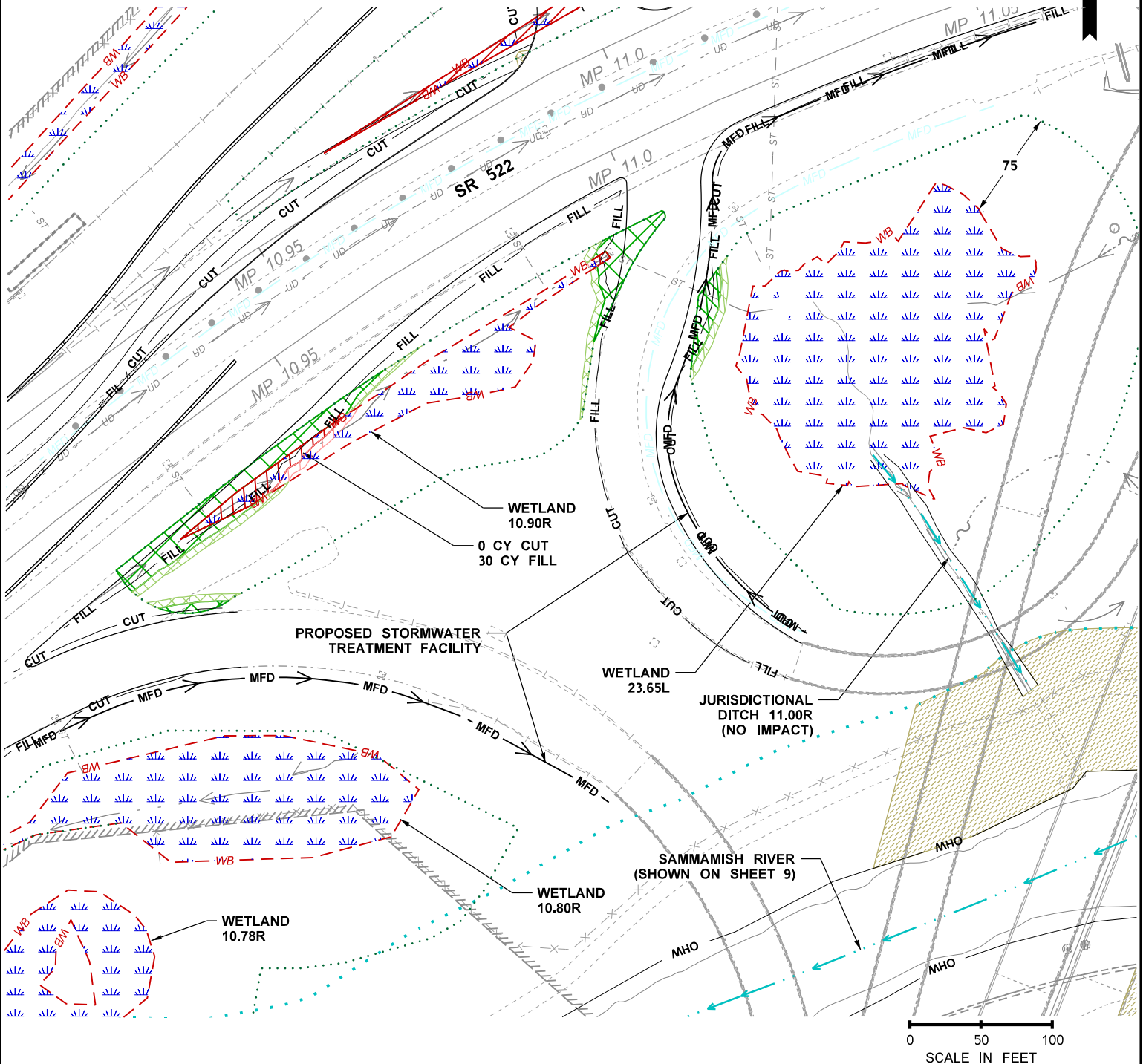
# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS


| WETLAND 10.90R (CAT IV)        | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| WETLAND AREA                   | 6,638   | 0.15  |
| PERM. WETLAND IMPACT           | 1,134   | 0.03  |
| TEMP. LONG-TERM WETLAND IMPACT | 404     | 0.01  |
| PERM. WETLAND BUFFER IMPACT    | 4,519   | 0.10  |
| TEMP. WETLAND BUFFER IMPACT    | 1,702   | 0.04  |

| WETLAND 23.65L (CAT III)           | SQ. FT.    | ACRES       |
|------------------------------------|------------|-------------|
| WETLAND AREA                       | 28,090     | 0.64        |
| PERM. WETLAND IMPACT               | 0          | 0           |
| <b>PERM. WETLAND BUFFER IMPACT</b> | <b>643</b> | <b>0.02</b> |
| TEMP. WETLAND BUFFER IMPACT        | 425        | 0.01        |

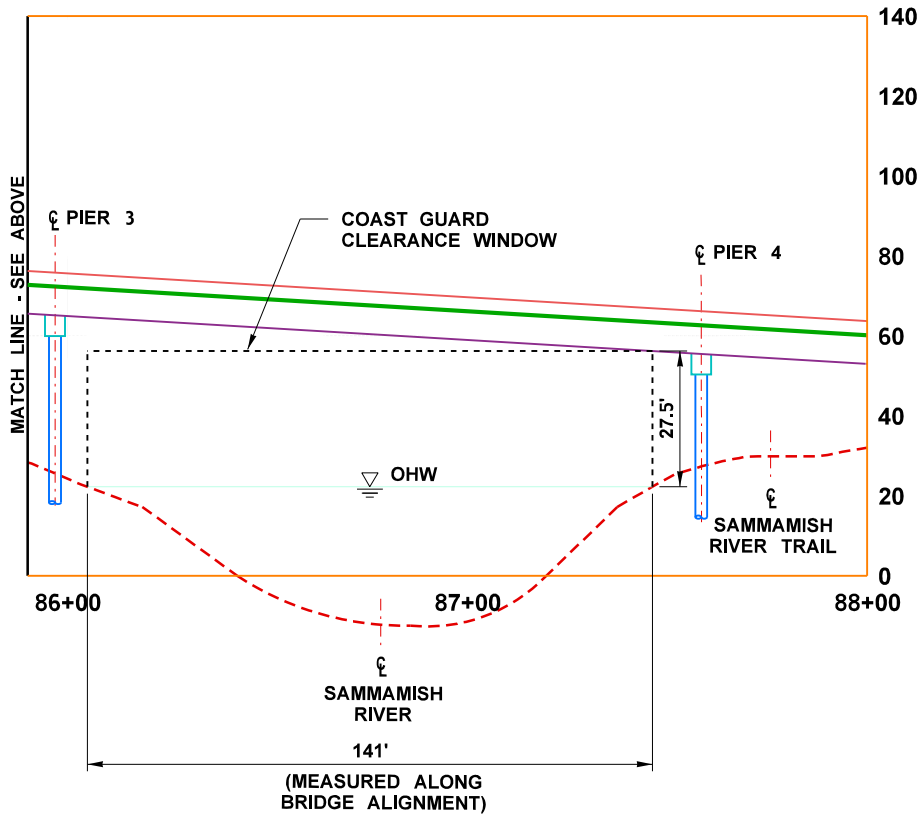
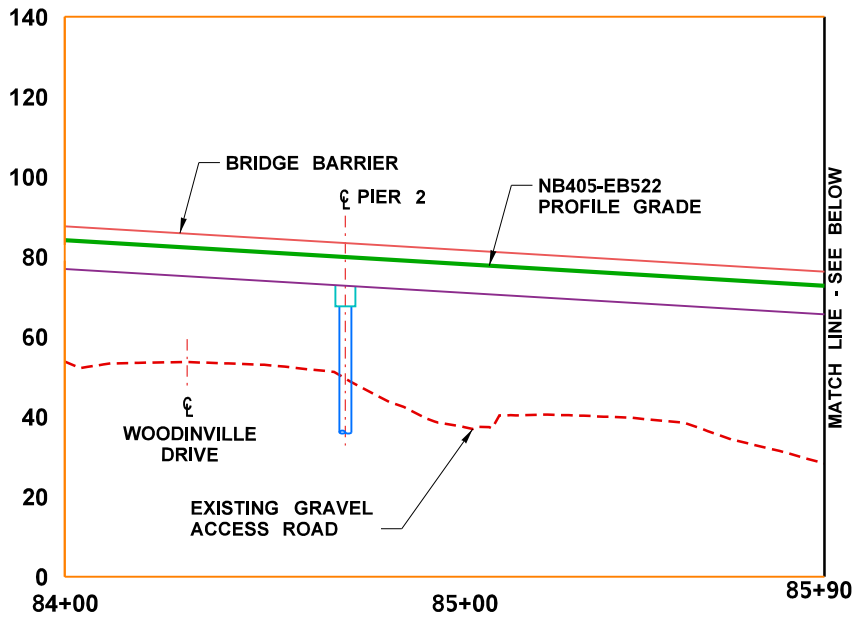
Increase from reconfiguration of the ramp to meet the design requirements



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING / SNOHOMISH                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND / BOTHELL                       |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: JUNE 2020                                |

  
**Washington State**  
**Department of Transportation**

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**TYPICAL SECTION A-A  
SAMMAMISH RIVER**

|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYHPEHU            |

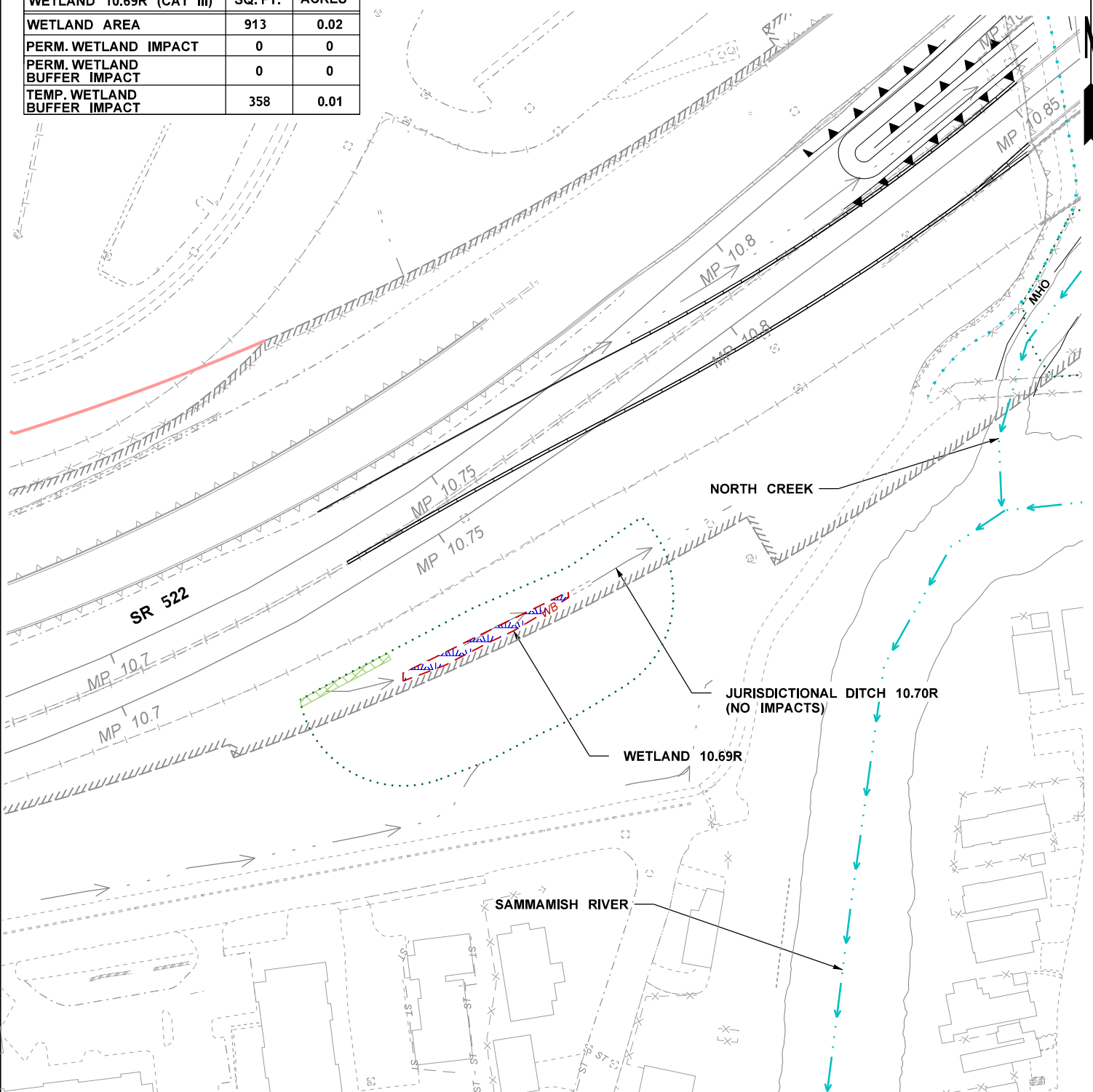


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Department of Transportation

# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WETLAND 10.69R (CAT III)    | SQ. FT. | ACRES |
|-----------------------------|---------|-------|
| WETLAND AREA                | 913     | 0.02  |
| PERM. WETLAND IMPACT        | 0       | 0     |
| PERM. WETLAND BUFFER IMPACT | 0       | 0     |
| TEMP. WETLAND BUFFER IMPACT | 358     | 0.01  |



|  |  |
|--|--|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                      |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                                |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING / SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND / BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribes, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU             |



**Washington State  
Department of Transportation**

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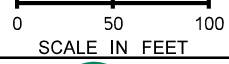
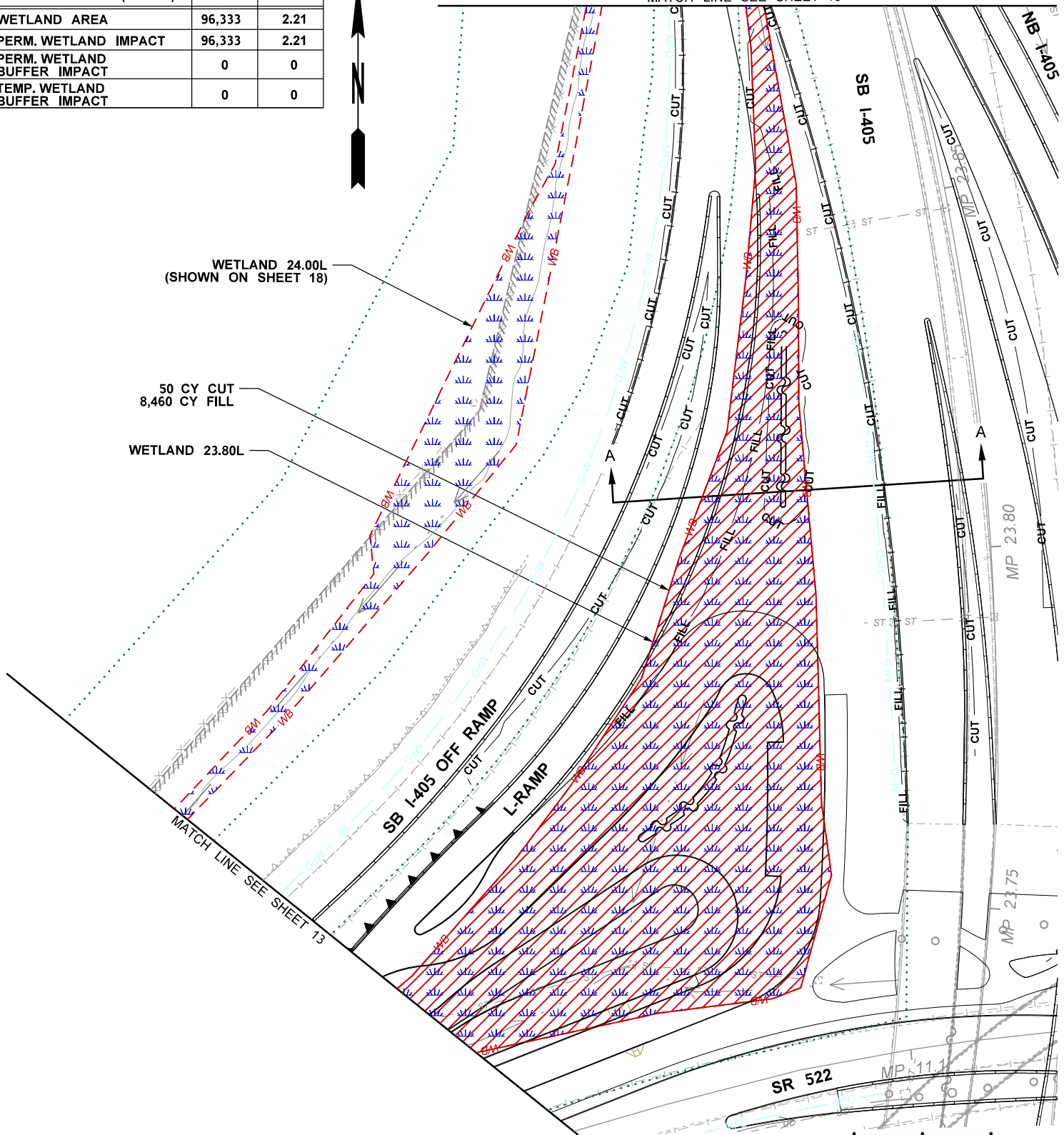
**WETLAND/STREAM IMPACTS**

**T.26N.R.5E.W.M.**


| WETLAND 23.80L (CAT III)    | SQ. FT. | ACRES |
|-----------------------------|---------|-------|
| WETLAND AREA                | 96,333  | 2.21  |
| PERM. WETLAND IMPACT        | 96,333  | 2.21  |
| PERM. WETLAND BUFFER IMPACT | 0       | 0     |
| TEMP. WETLAND BUFFER IMPACT | 0       | 0     |



MATCH LINE SEE SHEET 18

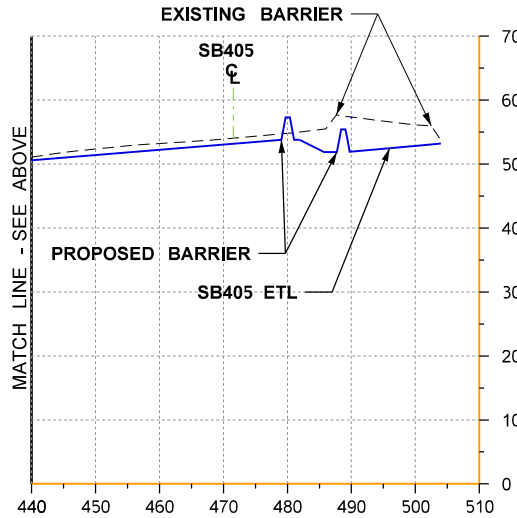
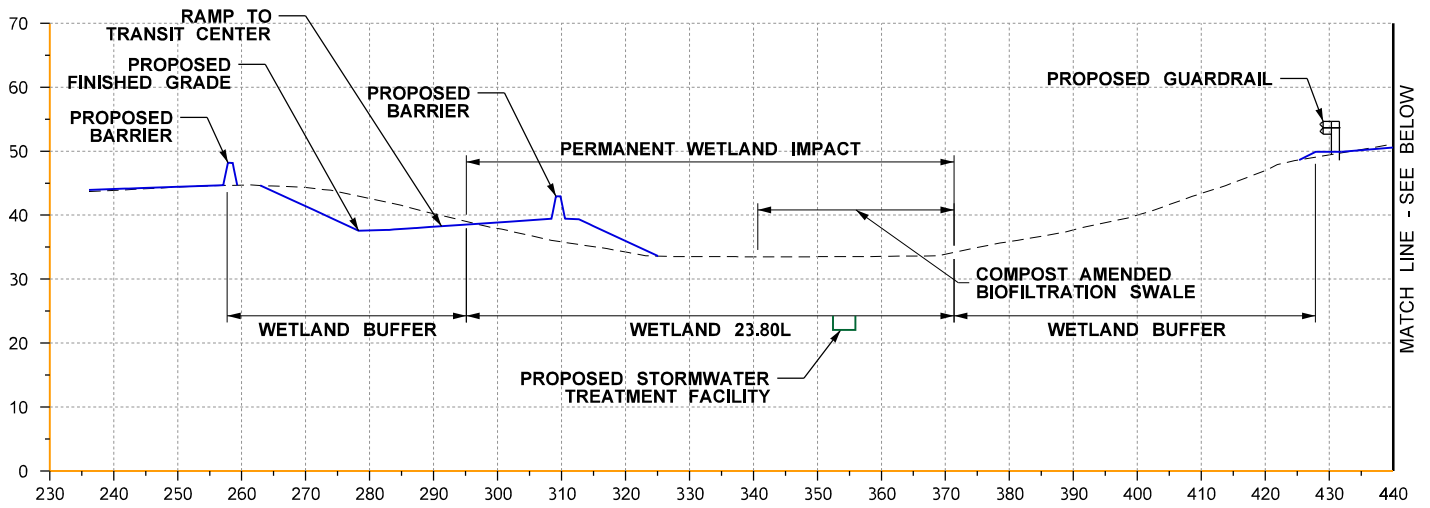


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|---|---|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                      |
| PROPOSED:   | APPLICANT: WSDOT                                |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING / SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND / BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribes, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYHPEHU             |

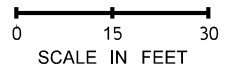


**Washington State  
Department of Transportation**

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**SECTION A-A (MP 23.81)  
WETLAND 23.80L**



|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU            |



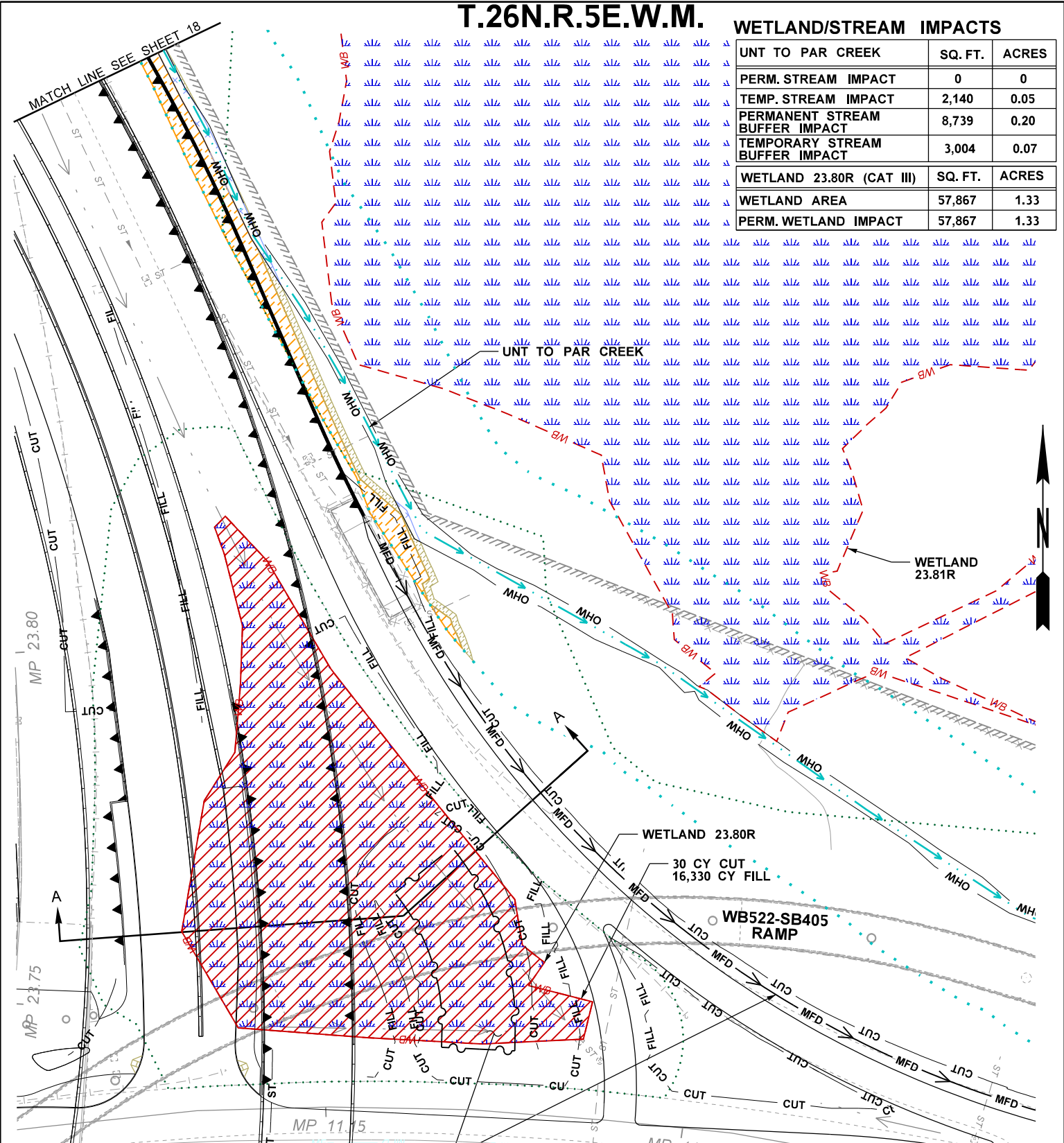
**Washington State  
Department of Transportation**

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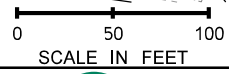
# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| UNT TO PAR CREEK               | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| PERM. STREAM IMPACT            | 0       | 0     |
| TEMP. STREAM IMPACT            | 2,140   | 0.05  |
| PERMANENT STREAM BUFFER IMPACT | 8,739   | 0.20  |
| TEMPORARY STREAM BUFFER IMPACT | 3,004   | 0.07  |
| WETLAND 23.80R (CAT III)       | SQ. FT. | ACRES |
| WETLAND AREA                   | 57,867  | 1.33  |
| PERM. WETLAND IMPACT           | 57,867  | 1.33  |



PROPOSED STORMWATER TREATMENT FACILITY

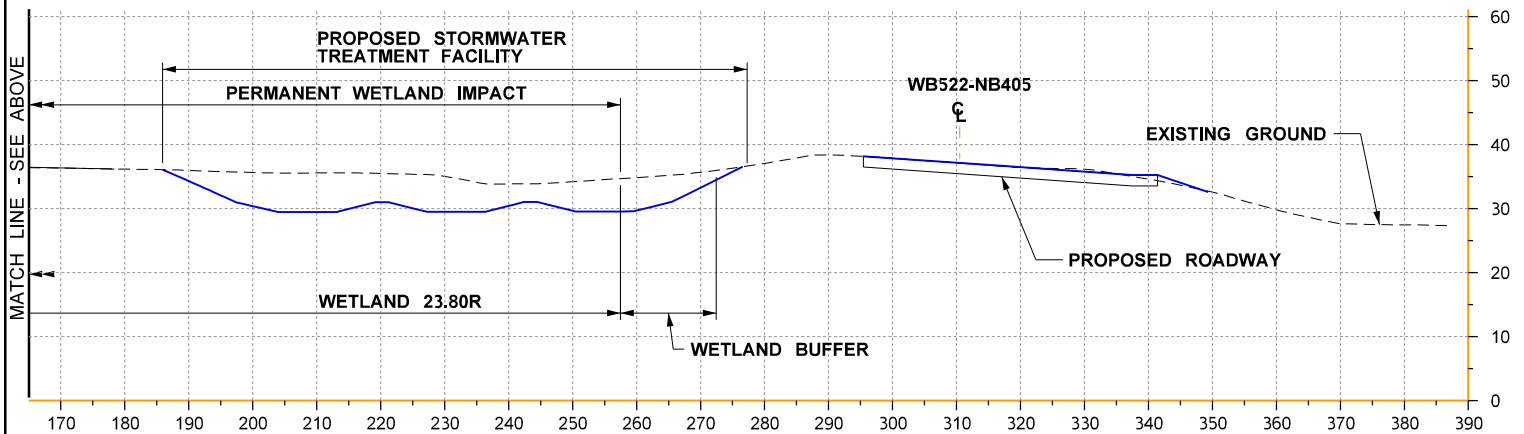
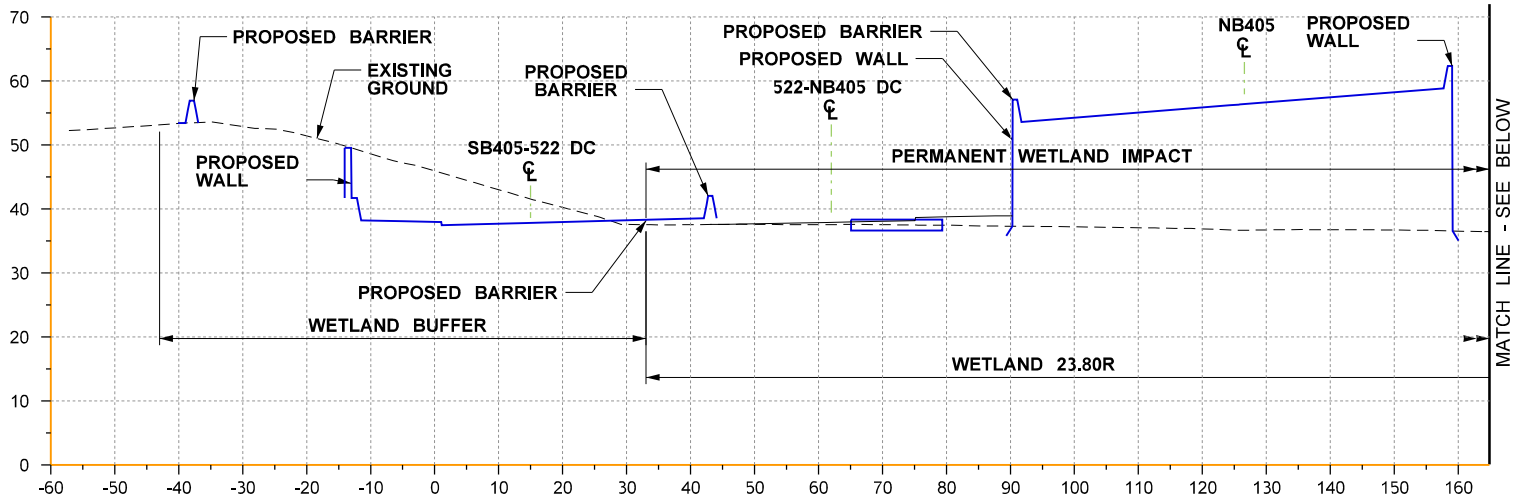


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|---|---|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                      |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                                |
| PROPOSED:   | COUNTY: KING / SNOHOMISH                        |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND / BOTHELL                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribes, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: JUNE 2020                                 |

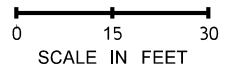


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**SECTION A-A (MP 23.76)  
WETLAND 23.80R**



|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU            |



**Washington State  
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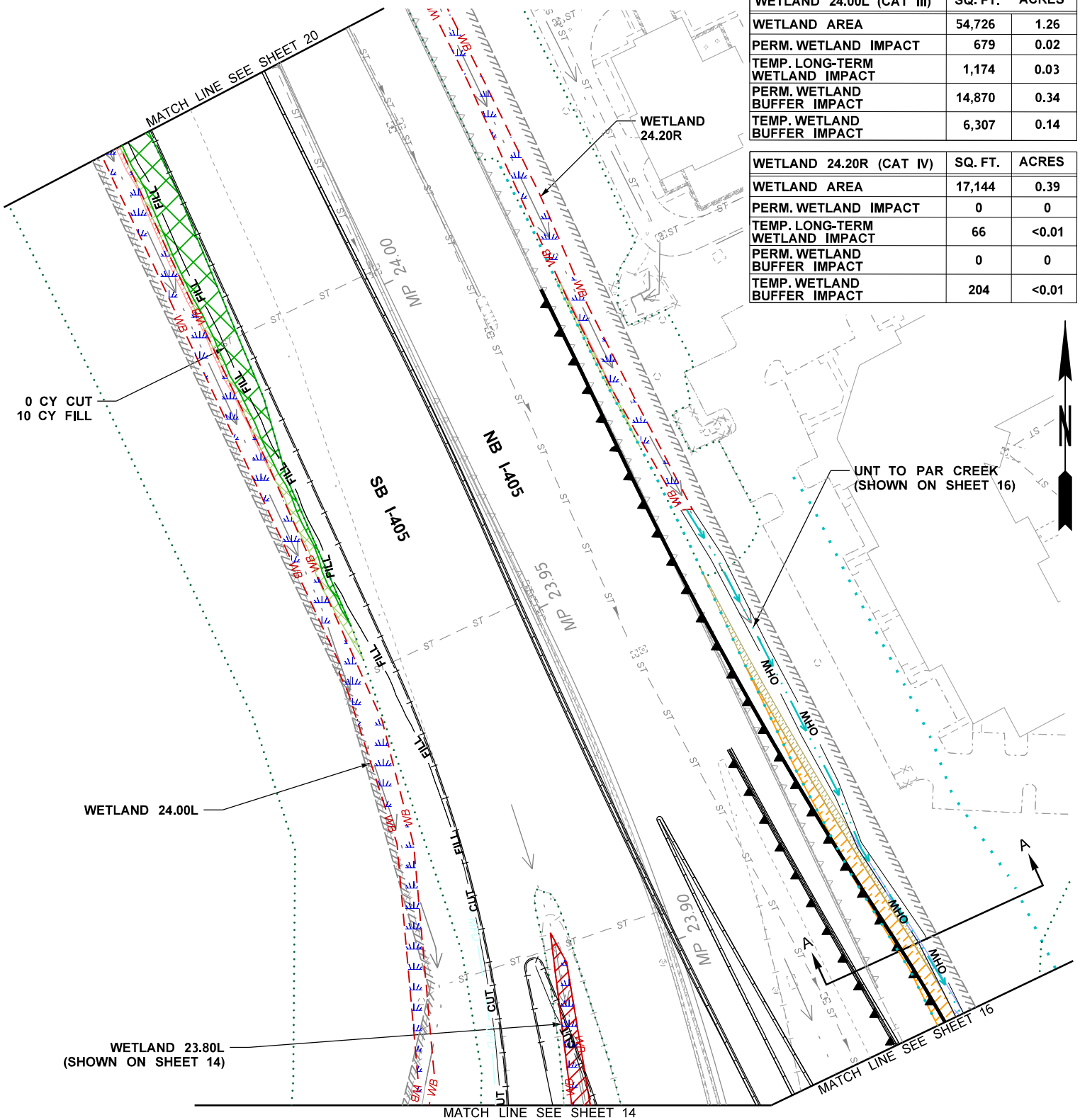
SHEET: 17 OF: 46

# T.26N.R.5E.W.M.


## WETLAND/STREAM IMPACTS

| WETLAND 24.00L (CAT III)       | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| WETLAND AREA                   | 54,726  | 1.26  |
| PERM. WETLAND IMPACT           | 679     | 0.02  |
| TEMP. LONG-TERM WETLAND IMPACT | 1,174   | 0.03  |
| PERM. WETLAND BUFFER IMPACT    | 14,870  | 0.34  |
| TEMP. WETLAND BUFFER IMPACT    | 6,307   | 0.14  |

| WETLAND 24.20R (CAT IV)        | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| WETLAND AREA                   | 17,144  | 0.39  |
| PERM. WETLAND IMPACT           | 0       | 0     |
| TEMP. LONG-TERM WETLAND IMPACT | 66      | <0.01 |
| PERM. WETLAND BUFFER IMPACT    | 0       | 0     |
| TEMP. WETLAND BUFFER IMPACT    | 204     | <0.01 |

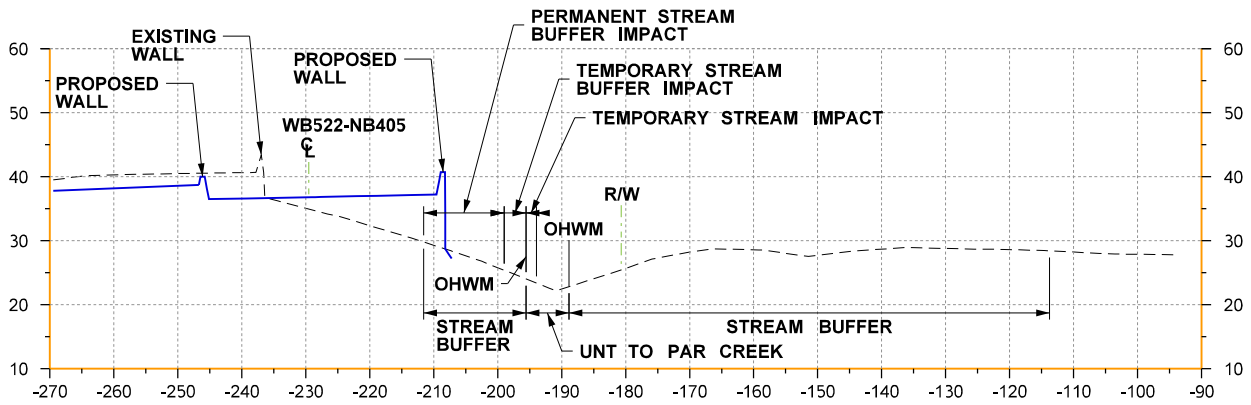


|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING /SNOHOMISH                        |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND /BOTHELL                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del> TRYHPEHU            |

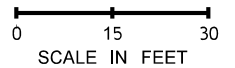


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Department of Transportation**

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**SECTION A-A (MP 23.89)  
UNT TO PAR CREEK**



|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU            |



**Washington State  
Department of Transportation**

SHEET: 19 OF: 46

**WETLAND/STREAM IMPACTS**

| WETLAND 24.00L (CAT III) | SQ. FT.      | ACRES |
|--------------------------|--------------|-------|
| WETLAND AREA             | 54,726       | 1.26  |
| PERM. WETLAND IMPACT     | SEE SHEET 18 |       |

**T.26N.R.5E.W.M.**



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> <b>JUNE 2020</b>    |



**Washington State  
Department of Transportation**

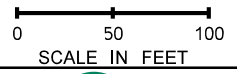
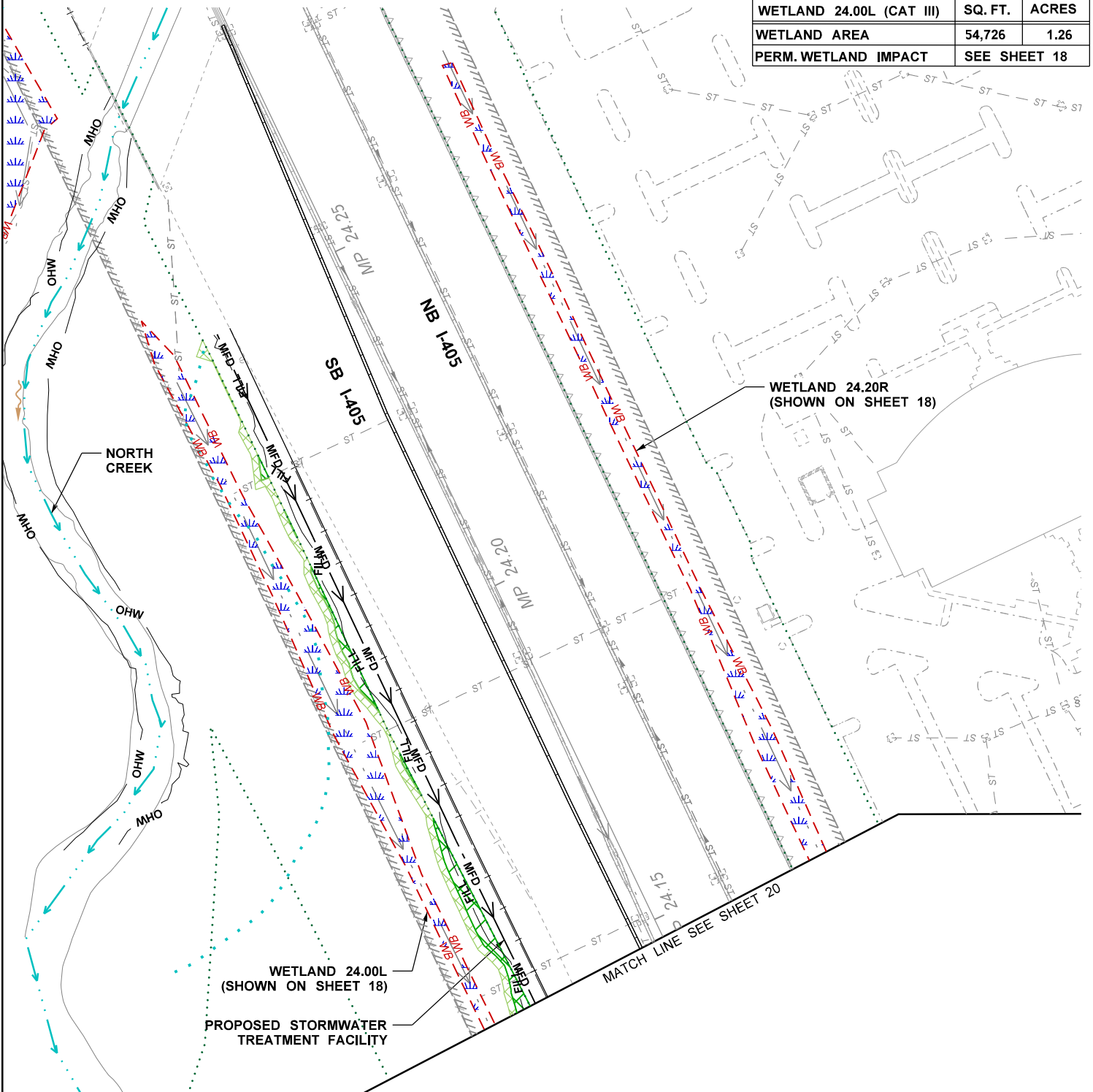
SHEET: 20 OF: 46

IRYHPEHU

# T.26N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WETLAND 24.00L (CAT III) | SQ. FT.      | ACRES |
|--------------------------|--------------|-------|
| WETLAND AREA             | 54,726       | 1.26  |
| PERM. WETLAND IMPACT     | SEE SHEET 18 |       |



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYPHEHU            |

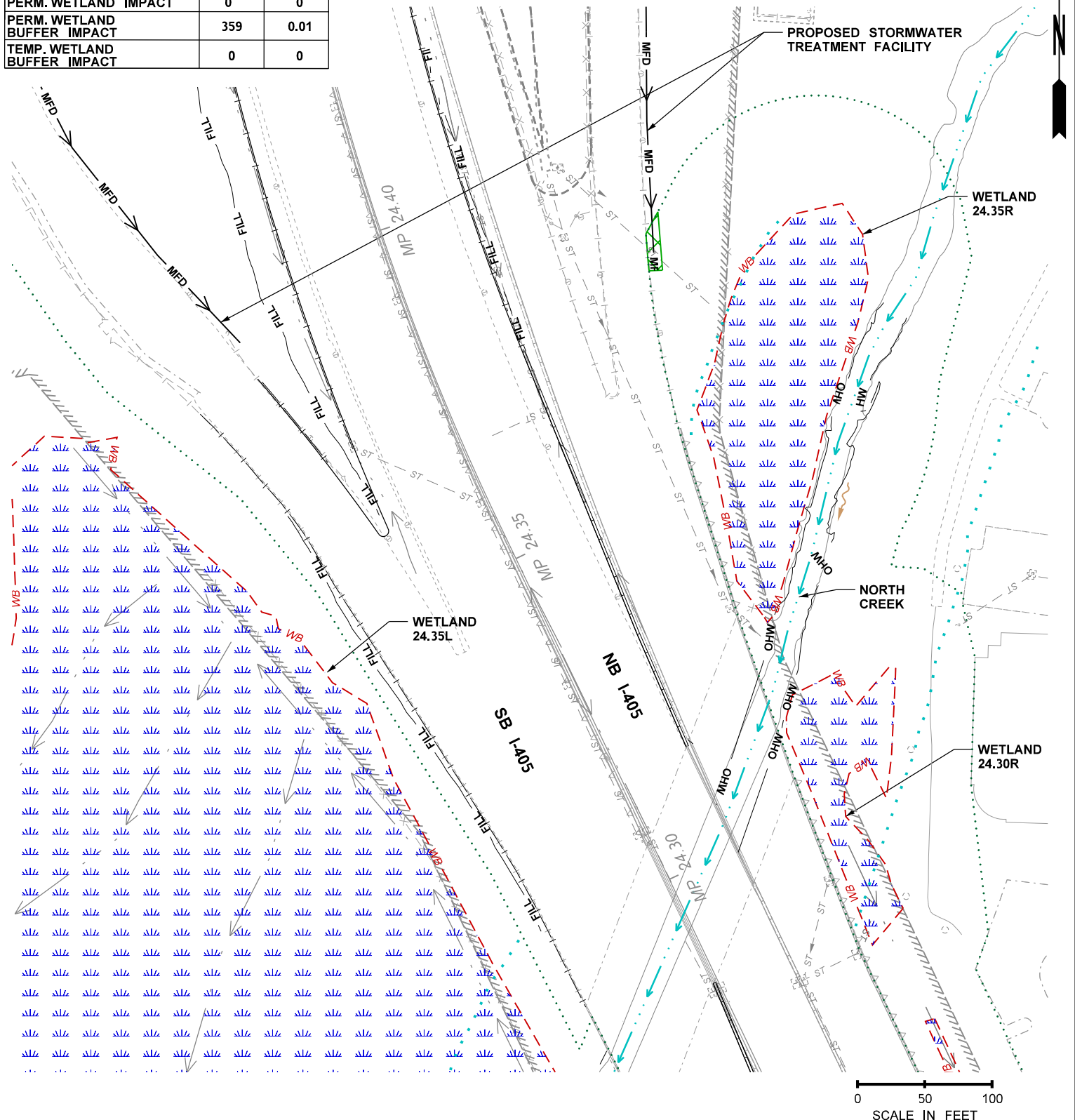
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**WETLAND/STREAM IMPACTS**

| WETLAND 24.35R (CAT III)    | SQ. FT. | ACRES |
|-----------------------------|---------|-------|
| WETLAND AREA                | 21,941  | 0.50  |
| PERM. WETLAND IMPACT        | 0       | 0     |
| PERM. WETLAND BUFFER IMPACT | 359     | 0.01  |
| TEMP. WETLAND BUFFER IMPACT | 0       | 0     |

**T.26N.R.5E.W.M.**



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING /SNOHOMISH                        |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND /BOTHELL                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del> IRYHPEHU            |

  
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**Department of Transportation**

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Impacts reduced from revised cut/fill limits on fish passage  
 Cut volume decreased

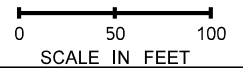
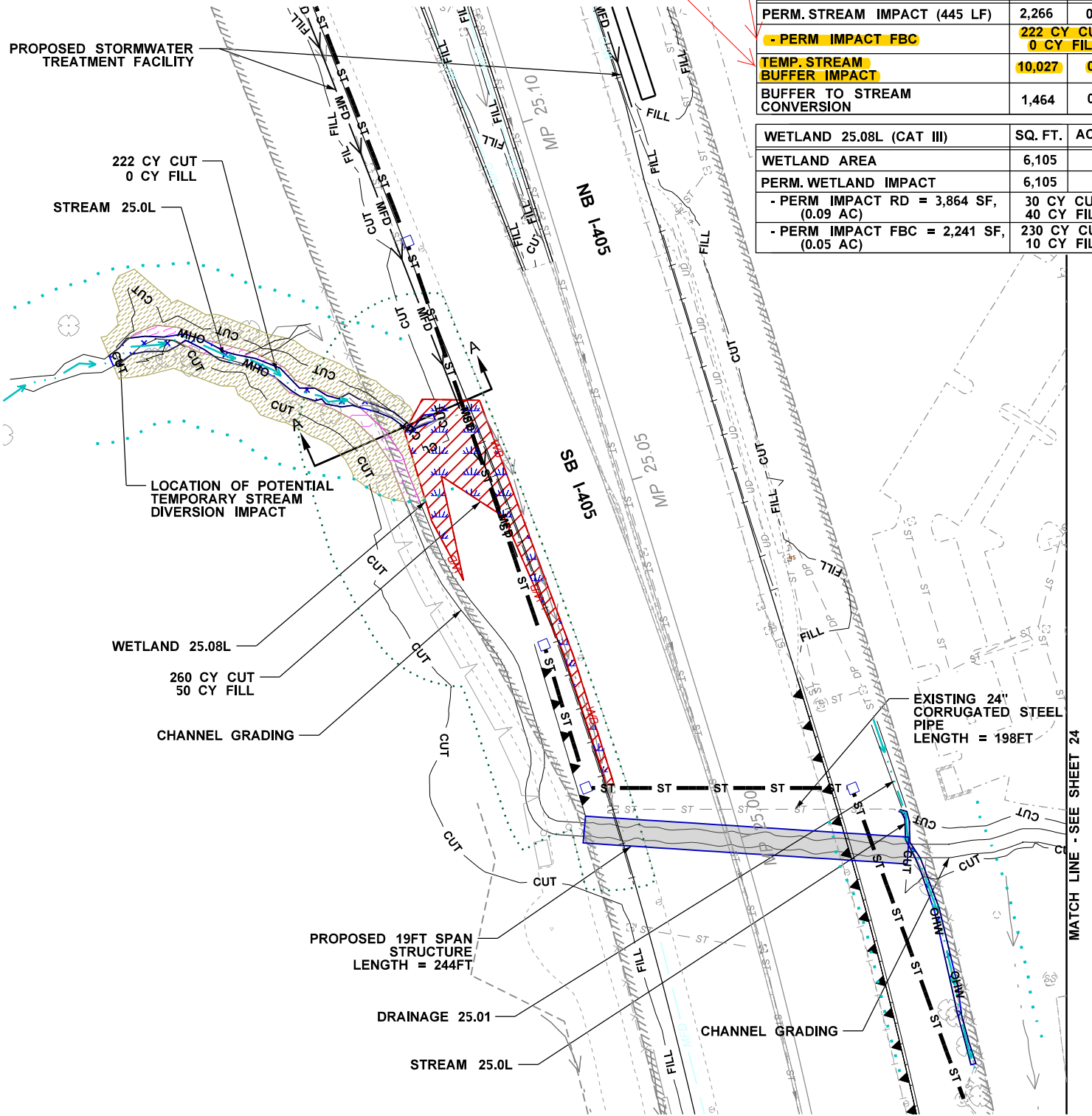
# T.27N.R.5E.W.M.

## WETLAND/STREAM IMPACTS


| STREAM 25.0L                      | SQ. FT.                          | ACRES       |
|-----------------------------------|----------------------------------|-------------|
| PERM. STREAM IMPACT (445 LF)      | 2,266                            | 0.05        |
| <b>- PERM IMPACT FBC</b>          | <b>222 CY CUT,<br/>0 CY FILL</b> |             |
| <b>TEMP. STREAM BUFFER IMPACT</b> | <b>10,027</b>                    | <b>0.23</b> |
| BUFFER TO STREAM CONVERSION       | 1,464                            | 0.03        |

| WETLAND 25.08L (CAT III)                | SQ. FT.                   | ACRES |
|---|---------------------------|-------|
| WETLAND AREA                            | 6,105                     | 0.14  |
| PERM. WETLAND IMPACT                    | 6,105                     | 0.14  |
| - PERM IMPACT RD = 3,864 SF, (0.09 AC)  | 30 CY CUT,<br>40 CY FILL  |       |
| - PERM IMPACT FBC = 2,241 SF, (0.05 AC) | 230 CY CUT,<br>10 CY FILL |       |



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING / SNOHOMISH                       |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND / BOTHELL                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del> TRYHPEHU            |



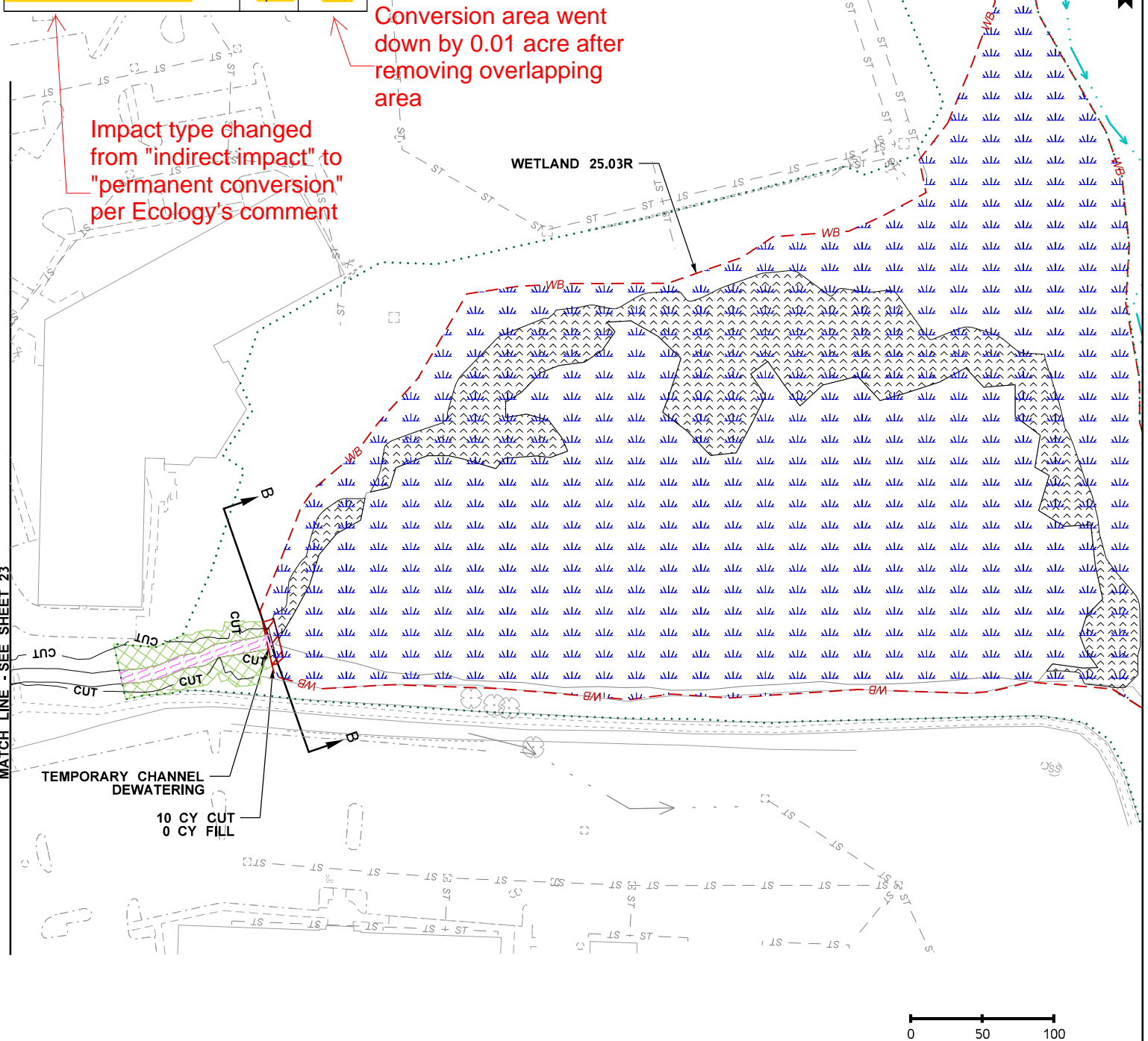
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SHEET: 23 OF: 46

**WETLAND/STREAM IMPACTS**

**T.27N.R.5E.W.M.**

| WETLAND 25.03R (CAT II)      | SQ. FT.       | ACRES       |
|------------------------------|---------------|-------------|
| WETLAND AREA                 | 229,991       | 5.28        |
| PERM. WETLAND IMPACT - FBC   | 221           | 0.01        |
| TEMP. WETLAND BUFFER IMPACT  | 2,887         | 0.07        |
| WETLAND TO STREAM CONVERSION | 34            | <0.01       |
| BUFFER TO STREAM CONVERSION  | 1,007         | 0.02        |
| <b>PERMANENT CONVERSION</b>  | <b>32,843</b> | <b>0.75</b> |



Conversion area went down by 0.01 acre after removing overlapping area

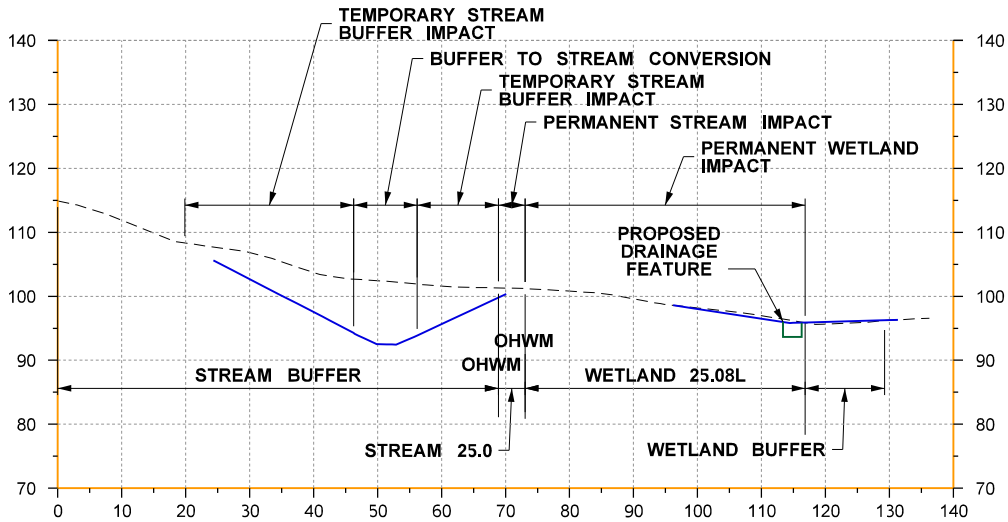
Impact type changed from "indirect impact" to "permanent conversion" per Ecology's comment

MATCH LINE - SEE SHEET 23

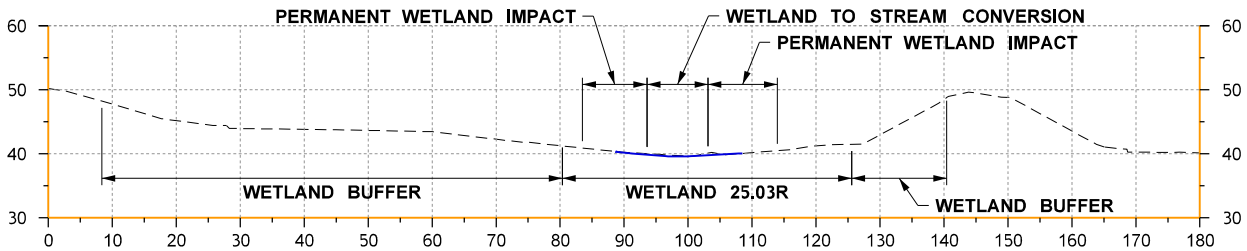
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|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING / SNOHOMISH                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND / BOTHELL                       |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> <b>IRYHPEHU</b>     |

  
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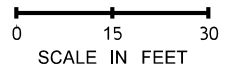
SHEET: 24 OF: 46




**SECTION A-A (MP 25.06)  
WETLAND 25.08L / STREAM 25.0L**



**SECTION B-B (MP 25.06)  
WETLAND 25.03R**



|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU            |



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# T.27N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WETLAND 25.22L (CAT III) | SQ. FT. | ACRES |
|--------------------------|---------|-------|
| WETLAND AREA             | 5,456   | 0.13  |
| PERM. WETLAND IMPACT     | 5,456   | 0.13  |

Impact area increased from "no impact" to 48 SF due to rerouting surface water off-site

JURISDICTIONAL DITCH 25.25  
48 SF IMPACT

0 CY CUT  
50 CY FILL

WETLAND 25.22L

PROPOSED STORMWATER TREATMENT FACILITY

0 50 100  
SCALE IN FEET

PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT

PURPOSE: ROADWAY IMPROVEMENTS

PROPOSED:

LOCATION: I-405 CORRIDOR, BOTHELL, WA

DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88

ADJACENT PROPERTY OWNERS:

REFERENCE:

APPLICANT: WSDOT

COUNTY: KING /SNOHOMISH

NEAR: KIRKLAND /BOTHELL

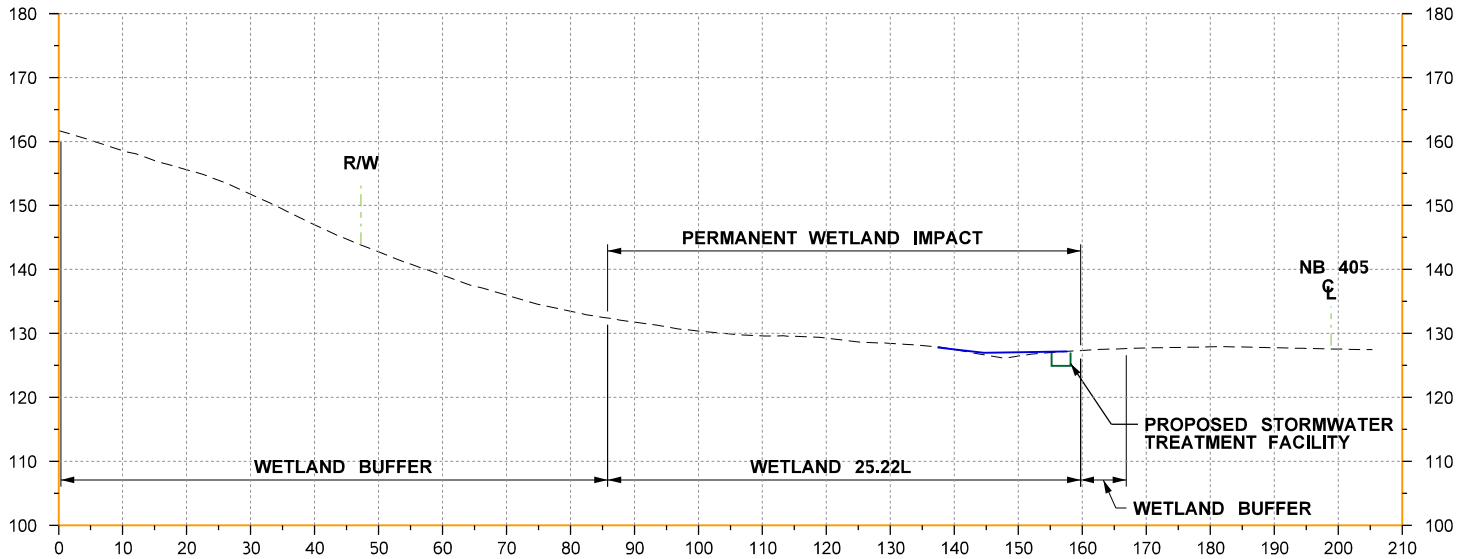
WATER BODY: Sammamish River, Tribs, & Wetlands

DATE: ~~JUNE 2020~~

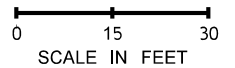


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**SECTION A-A (MP 25.22)  
WETLAND 25.22L**



|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU            |

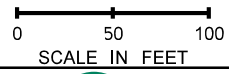
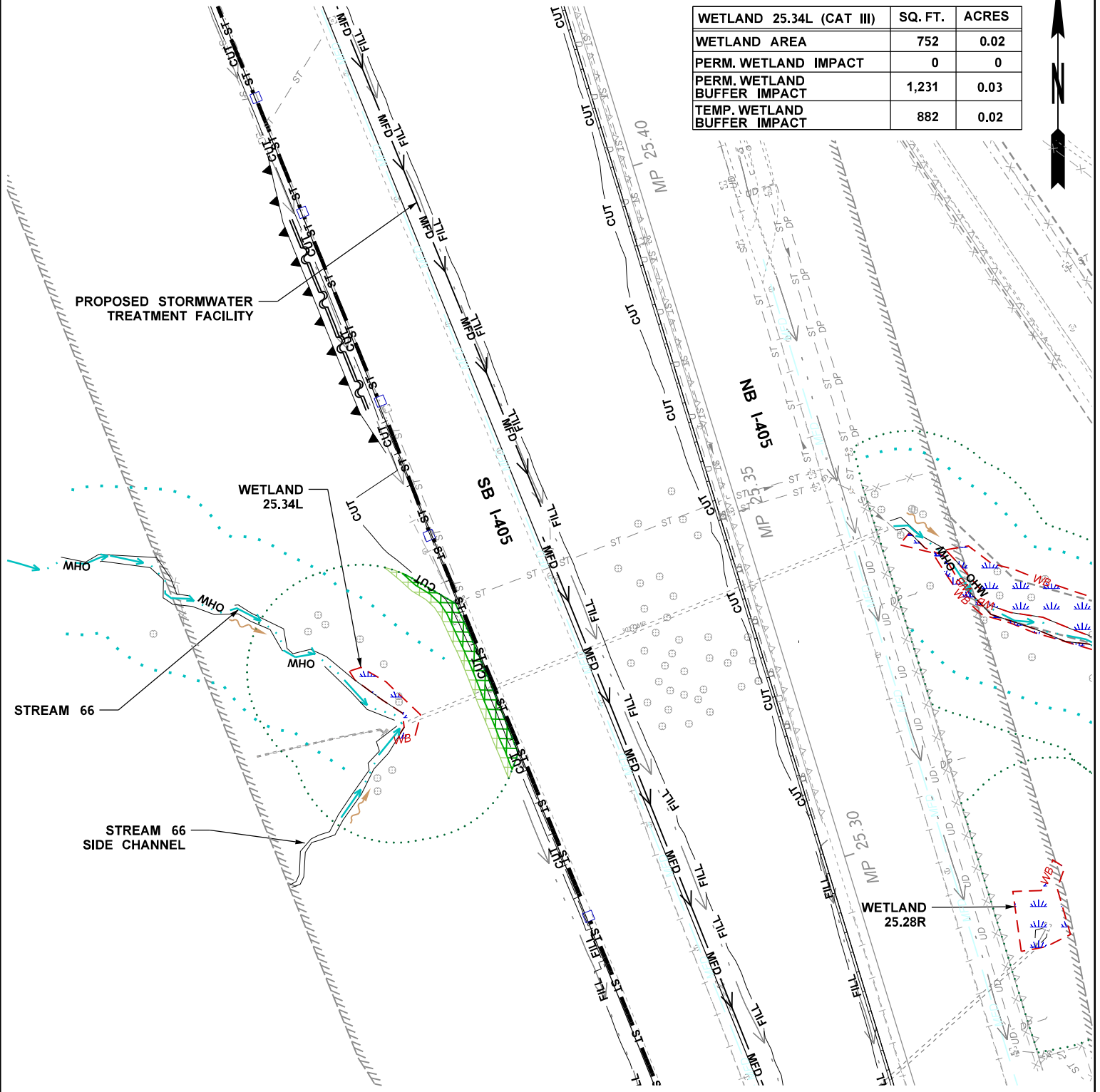


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# T.27N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WETLAND 25.34L (CAT III)    | SQ. FT. | ACRES |
|-----------------------------|---------|-------|
| WETLAND AREA                | 752     | 0.02  |
| PERM. WETLAND IMPACT        | 0       | 0     |
| PERM. WETLAND BUFFER IMPACT | 1,231   | 0.03  |
| TEMP. WETLAND BUFFER IMPACT | 882     | 0.02  |



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING / SNOHOMISH                       |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND / BOTHELL                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del> TRYHPEHU            |



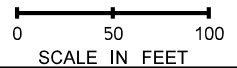
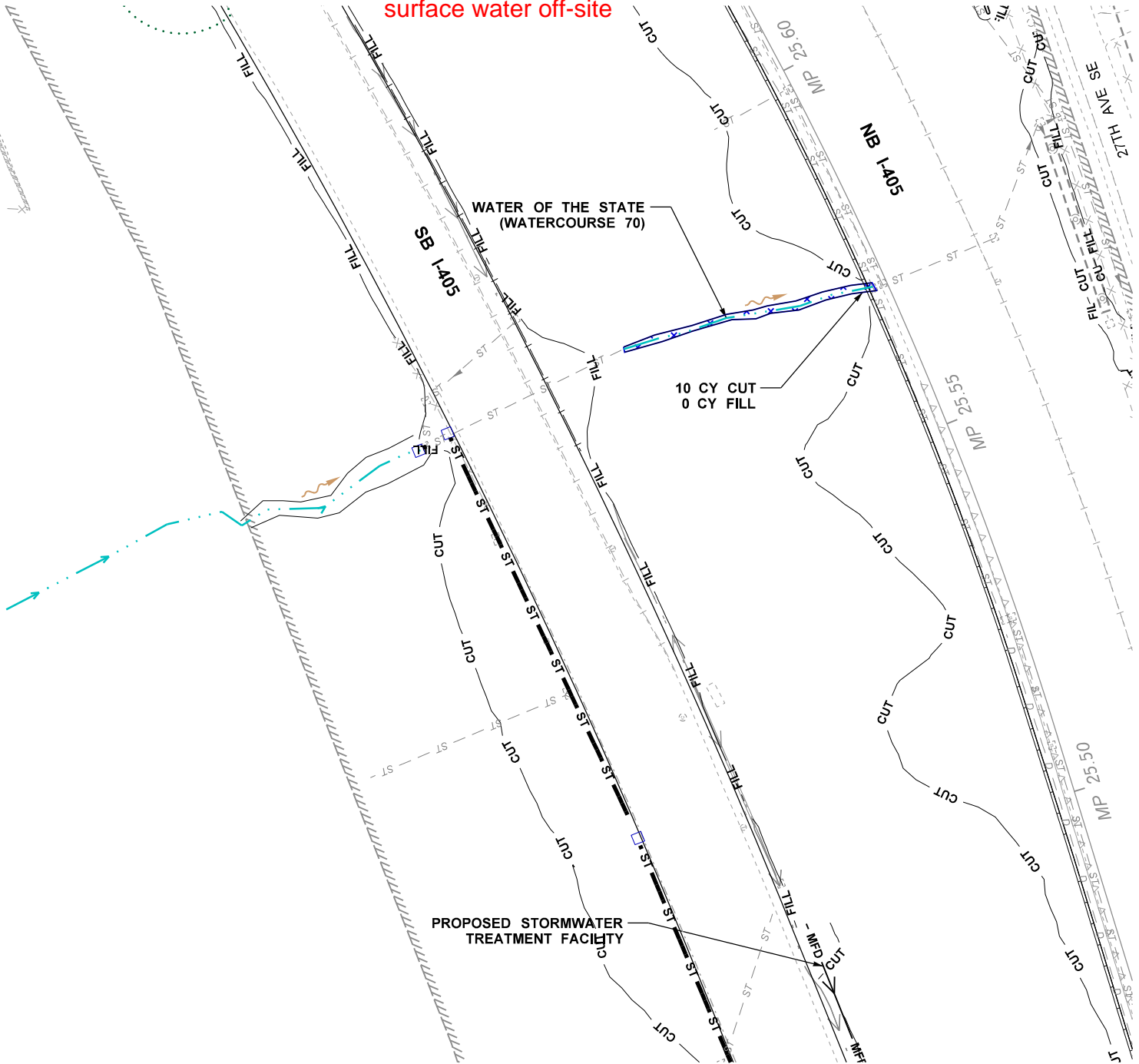
Washington State  
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# T.27N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WATER OF THE STATE               | SQ. FT.    | ACRES       |
|----------------------------------|------------|-------------|
| <b>PERMANENT IMPACT (175 LF)</b> | <b>914</b> | <b>0.02</b> |

Increased impact area from rerouting surface water off-site



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> <b>IRYHPEHU</b>     |

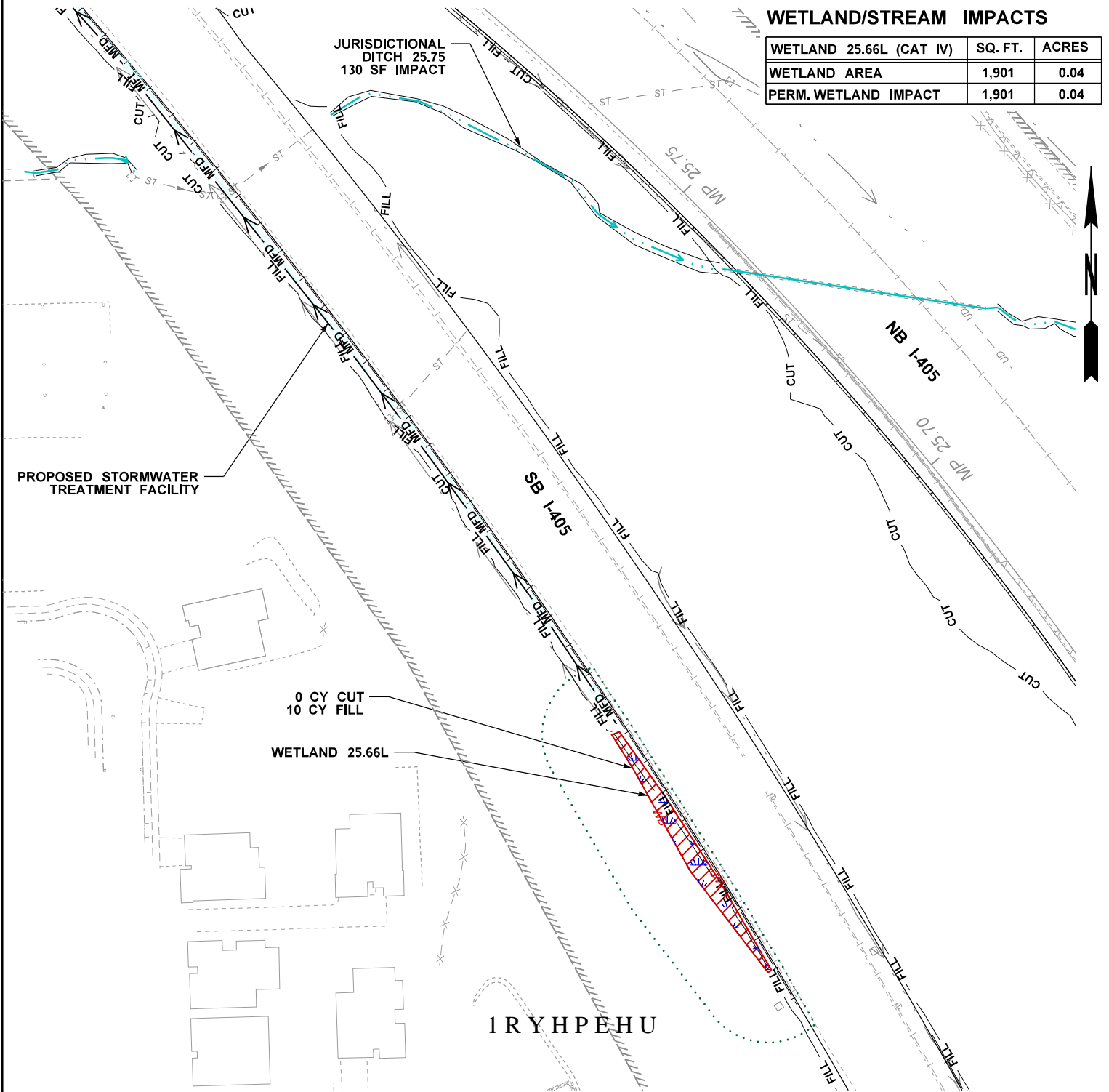


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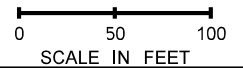
# T.27N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

| WETLAND 25.66L (CAT IV) | SQ. FT. | ACRES |
|-------------------------|---------|-------|
| WETLAND AREA            | 1,901   | 0.04  |
| PERM. WETLAND IMPACT    | 1,901   | 0.04  |



1 R Y H P E H U

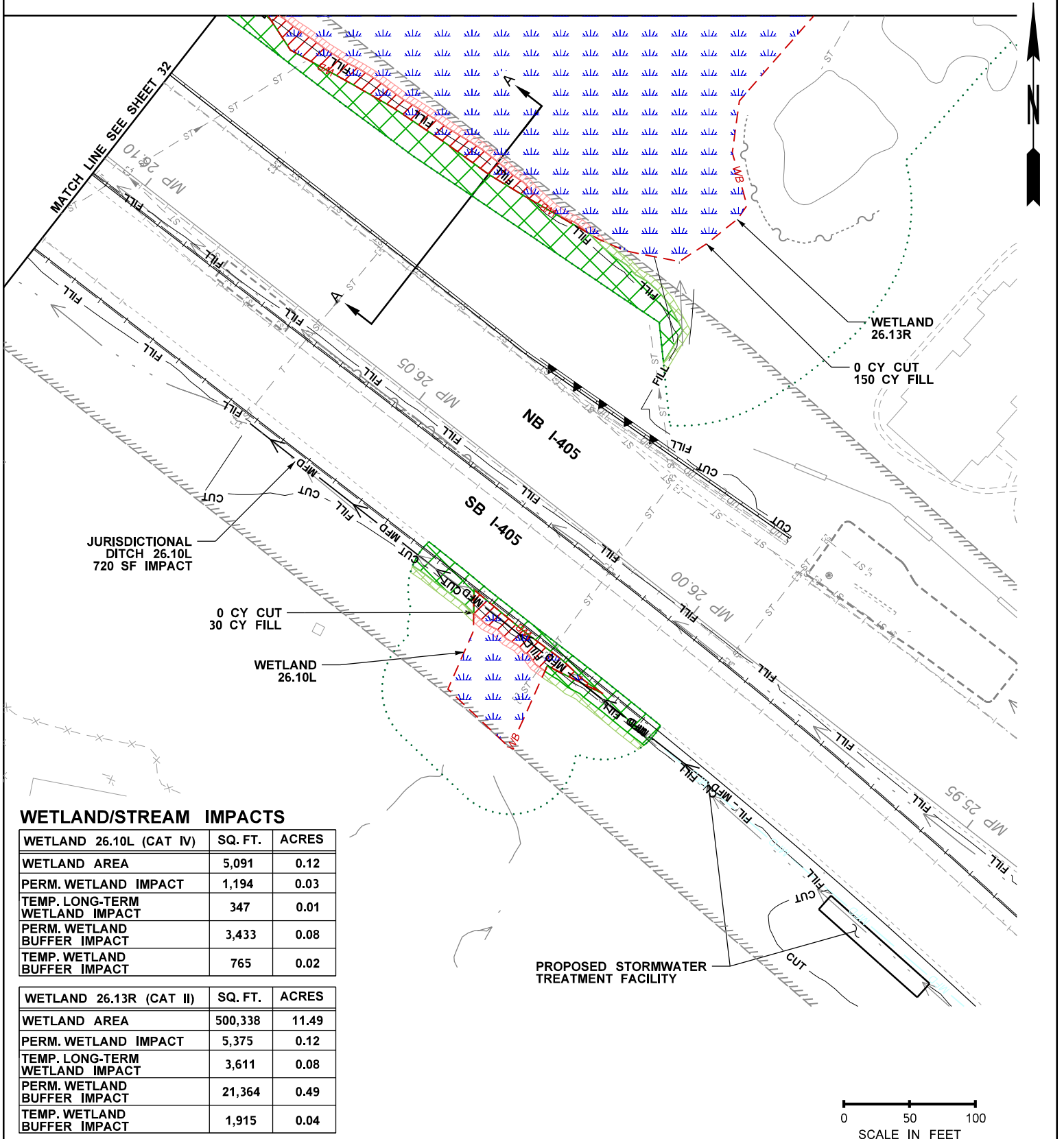


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|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del>                     |



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# T.27N.R.5E.W.M.



## WETLAND/STREAM IMPACTS

| WETLAND 26.10L (CAT IV)        | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| WETLAND AREA                   | 5,091   | 0.12  |
| PERM. WETLAND IMPACT           | 1,194   | 0.03  |
| TEMP. LONG-TERM WETLAND IMPACT | 347     | 0.01  |
| PERM. WETLAND BUFFER IMPACT    | 3,433   | 0.08  |
| TEMP. WETLAND BUFFER IMPACT    | 765     | 0.02  |

| WETLAND 26.13R (CAT II)        | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| WETLAND AREA                   | 500,338 | 11.49 |
| PERM. WETLAND IMPACT           | 5,375   | 0.12  |
| TEMP. LONG-TERM WETLAND IMPACT | 3,611   | 0.08  |
| PERM. WETLAND BUFFER IMPACT    | 21,364  | 0.49  |
| TEMP. WETLAND BUFFER IMPACT    | 1,915   | 0.04  |

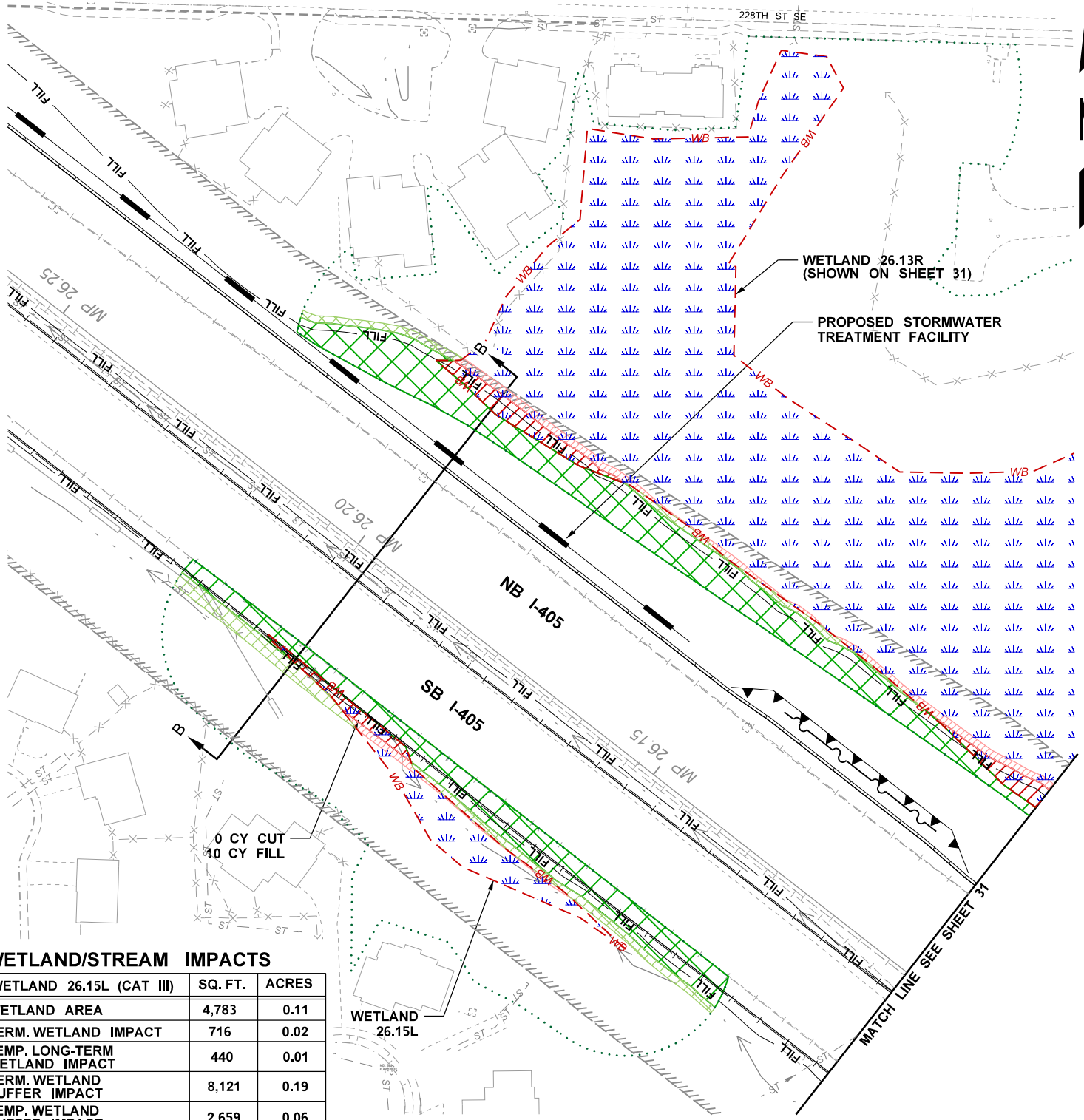
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|---|---|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                      |
| PROPOSED:   | APPLICANT: WSDOT                                |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                         |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                         |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribes, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYHPEHU             |



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Department of Transportation**

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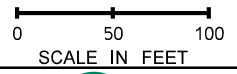
# T.27N.R.5E.W.M.



## WETLAND/STREAM IMPACTS

| WETLAND 26.15L (CAT III)       | SQ. FT. | ACRES |
|--------------------------------|---------|-------|
| WETLAND AREA                   | 4,783   | 0.11  |
| PERM. WETLAND IMPACT           | 716     | 0.02  |
| TEMP. LONG-TERM WETLAND IMPACT | 440     | 0.01  |
| PERM. WETLAND BUFFER IMPACT    | 8,121   | 0.19  |
| TEMP. WETLAND BUFFER IMPACT    | 2,659   | 0.06  |

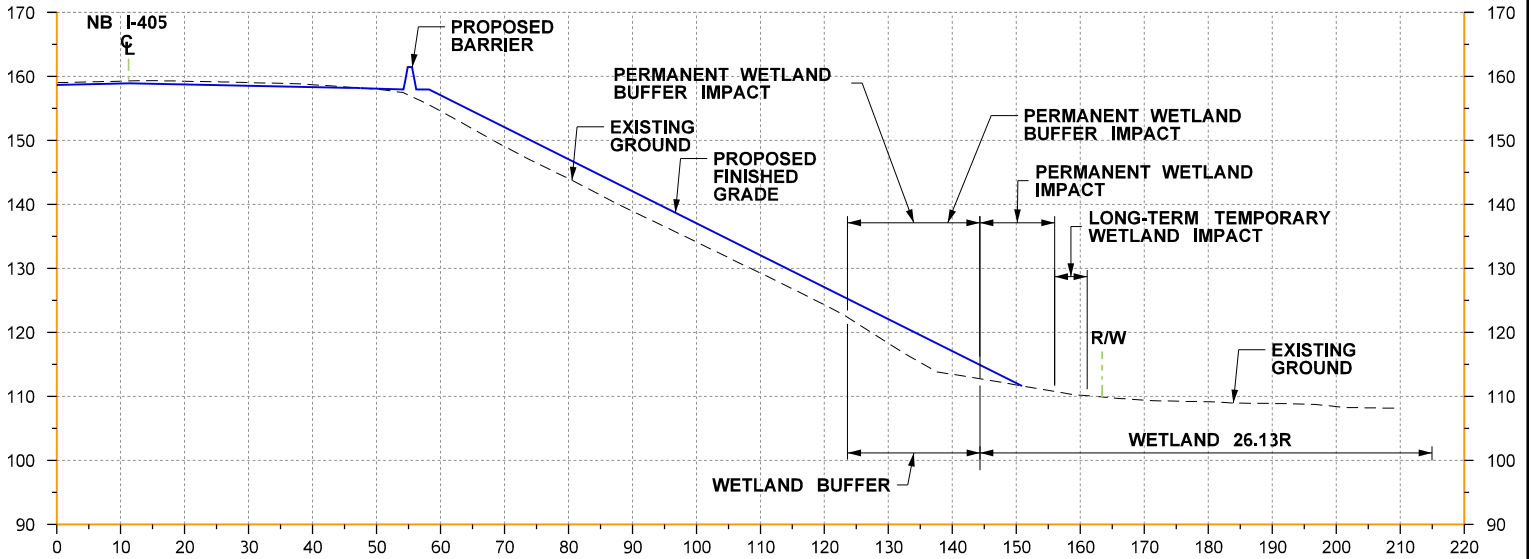
| WETLAND 26.13R (CAT II) | SQ. FT.      | ACRES |
|-------------------------|--------------|-------|
| WETLAND AREA            | 500,338      | 11.49 |
| PERM. WETLAND IMPACT    | SEE SHEET 31 |       |



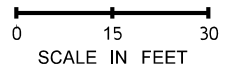
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| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                      |
| PROPOSED:   | APPLICANT: WSDOT                                |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING / SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND / BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribes, & Wetlands |
|   | DATE: <del>JUNE 2020</del> <b>TRYPHEHU</b>      |



Washington State  
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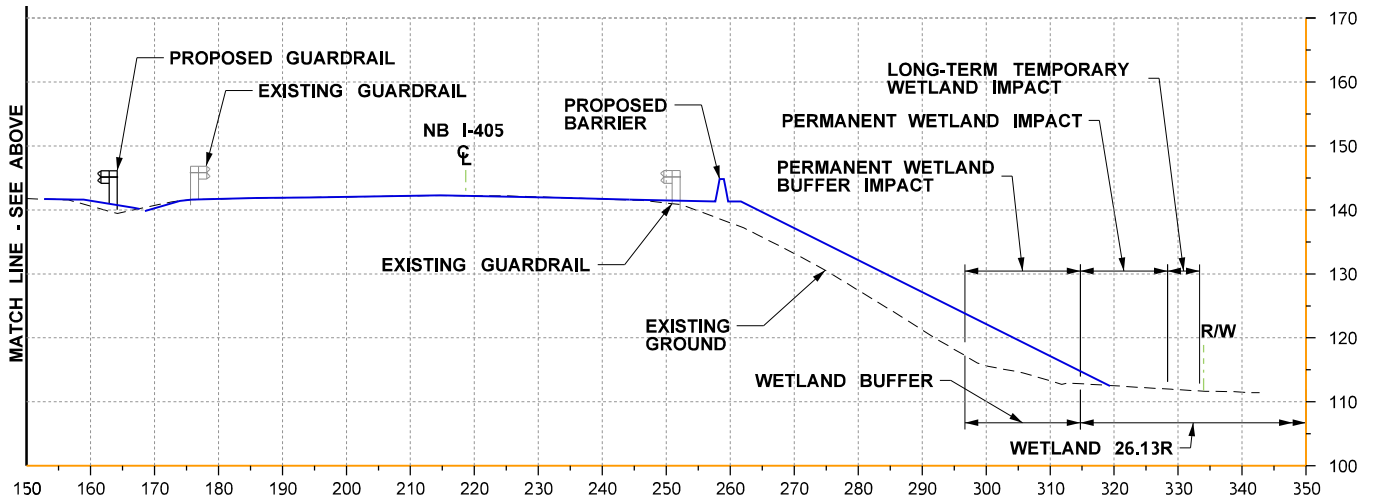
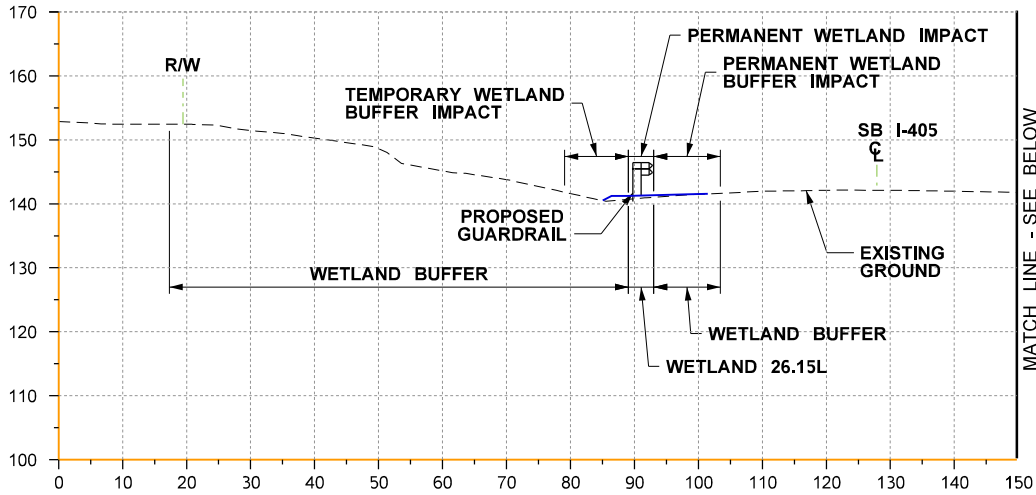
**SECTION A-A (MP 26.06)  
WETLAND 26.13R**



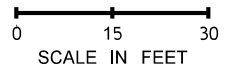
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|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU            |

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Department of Transportation**

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SECTION B-B (MP 26.17)  
WETLAND 26.15L & 26.13R



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYHPEHU            |



**Washington State**  
Department of Transportation

SHEET: 34 OF: 46

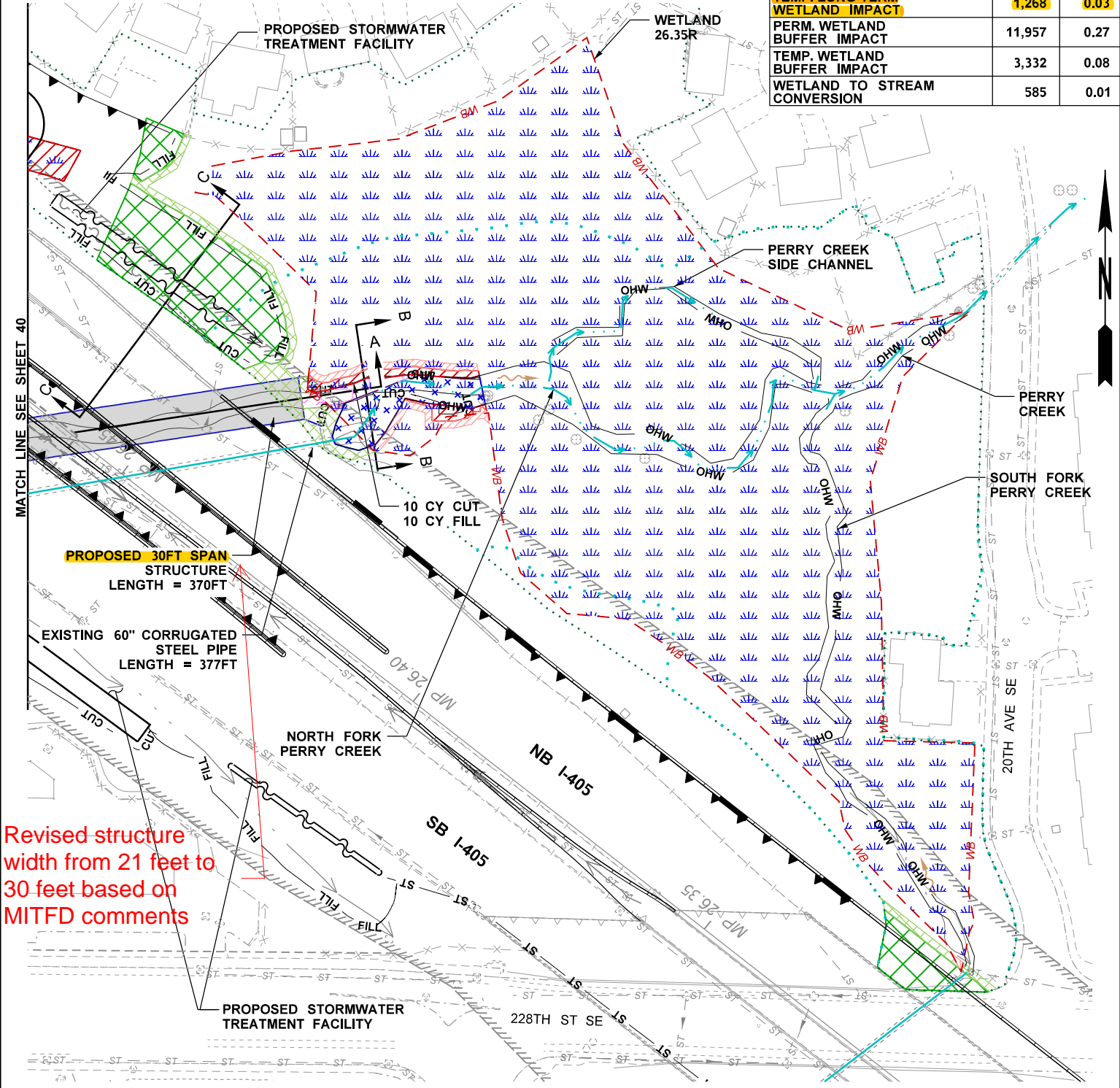
# T.27N.R.5E.W.M.

|                           |              |       |
|---------------------------|--------------|-------|
| NORTH FORK PERRY CREEK    | SQ. FT.      | ACRES |
| PERM. STREAM IMPACT (FBC) | SEE SHEET 36 |       |

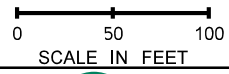
### WETLAND/STREAM IMPACTS

| WETLAND 26.35R (CAT II)               | SQ. FT.      | ACRES       |
|---------------------------------------|--------------|-------------|
| WETLAND AREA                          | 135,987      | 3.12        |
| <b>PERM. WETLAND IMPACT (FBC)</b>     | <b>1,095</b> | <b>0.03</b> |
| <b>TEMP. LONG-TERM WETLAND IMPACT</b> | <b>1,268</b> | <b>0.03</b> |
| PERM. WETLAND BUFFER IMPACT           | 11,957       | 0.27        |
| TEMP. WETLAND BUFFER IMPACT           | 3,332        | 0.08        |
| WETLAND TO STREAM CONVERSION          | 585          | 0.01        |

These impact areas increased due to revised fish passage design (see below)



Revised structure width from 21 feet to 30 feet based on MITFD comments



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING / SNOHOMISH                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND / BOTHELL                       |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYPHEHU            |

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Impact areas changed due to revised fish passage design (see below)

**WETLAND/STREAM IMPACTS**

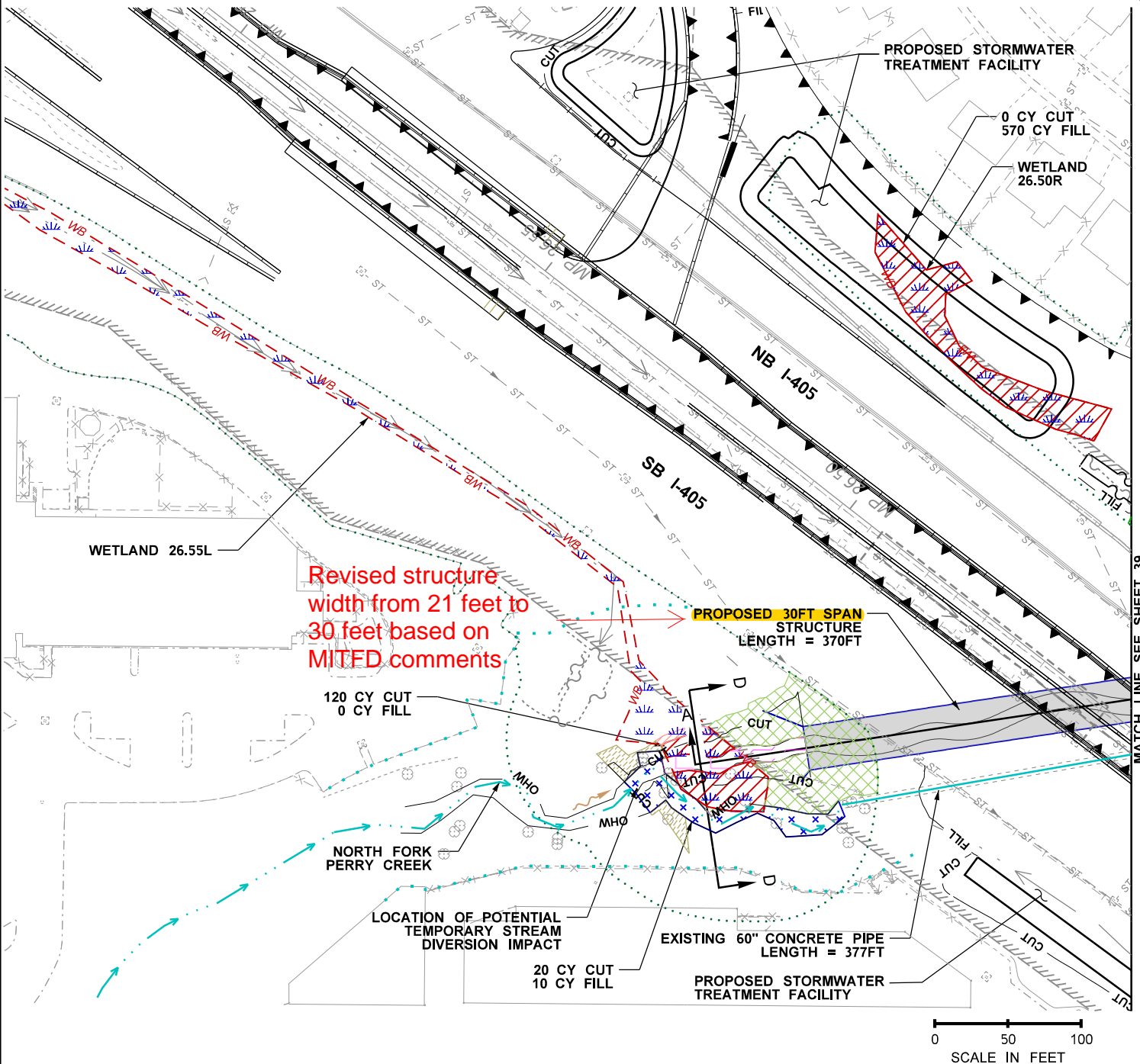
| NORTH FORK PERRY CREEK             | SQ. FT. | ACRES |
|------------------------------------|---------|-------|
| PERM. STREAM IMPACT - FBC (290 LF) | 4,891   | 0.11  |
| TEMP. STREAM BUFFER IMPACT         | 830     | 0.02  |
| BUFFER TO STREAM CONVERSION        | 670     | 0.02  |

| WETLAND 26.50R (CAT III)   | SQ. FT. | ACRES |
|----------------------------|---------|-------|
| WETLAND AREA               | 4,572   | 0.10  |
| PERM. WETLAND IMPACT (FBC) | 4,572   | 0.10  |

**T.27N.R.5E.W.M.**

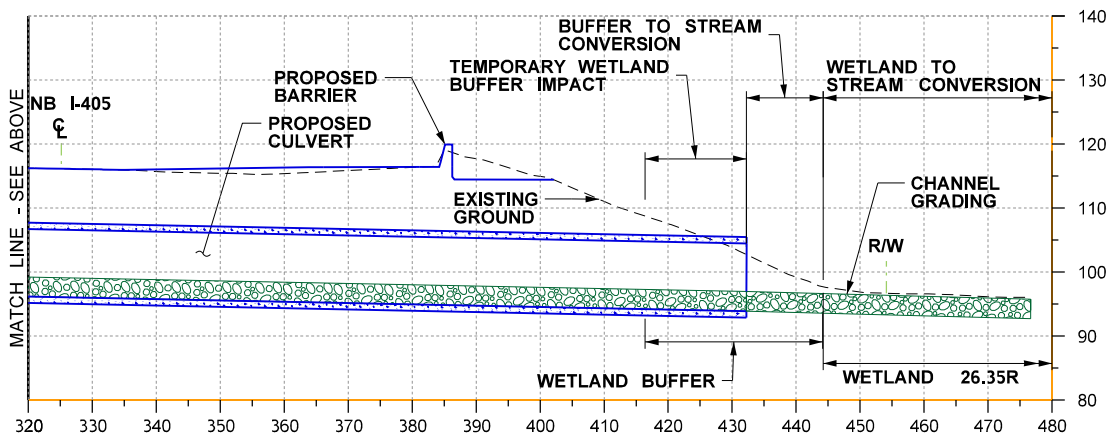
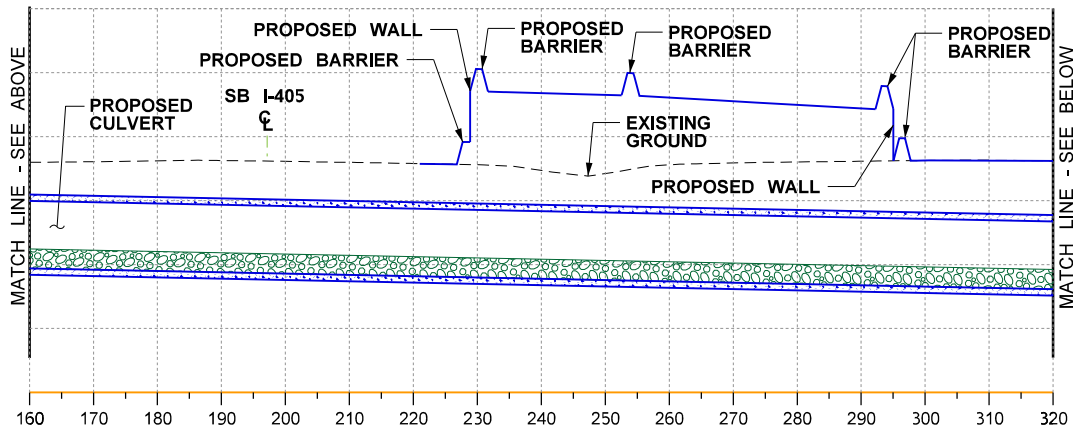
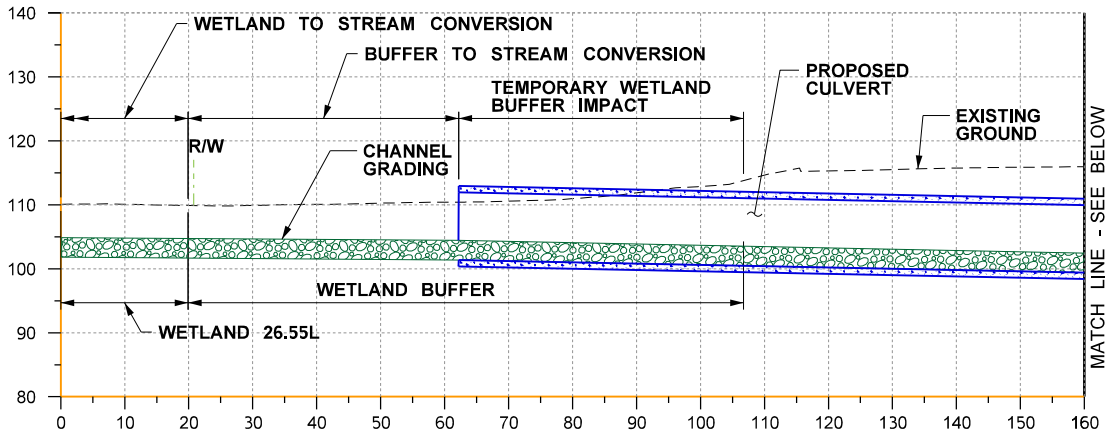
| WETLAND 26.55L (CAT III)     | SQ. FT. | ACRES |
|------------------------------|---------|-------|
| WETLAND AREA                 | 8,911   | 0.20  |
| PERM. WETLAND IMPACT (FBC)   | 2,097   | 0.05  |
| TEMP. WETLAND IMPACT         | 196     | <0.01 |
| TEMP. WETLAND BUFFER IMPACT  | 5,926   | 0.14  |
| WETLAND TO STREAM CONVERSION | 614     | 0.01  |



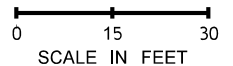
|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING /SNOHOMISH                        |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND /BOTHELL                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del> IRYHPEHU            |

  
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**SECTION A-A (MP 26.46)  
WETLAND 26.55L / NORTH FORK PERRY CREEK / WETLAND 26.35R**

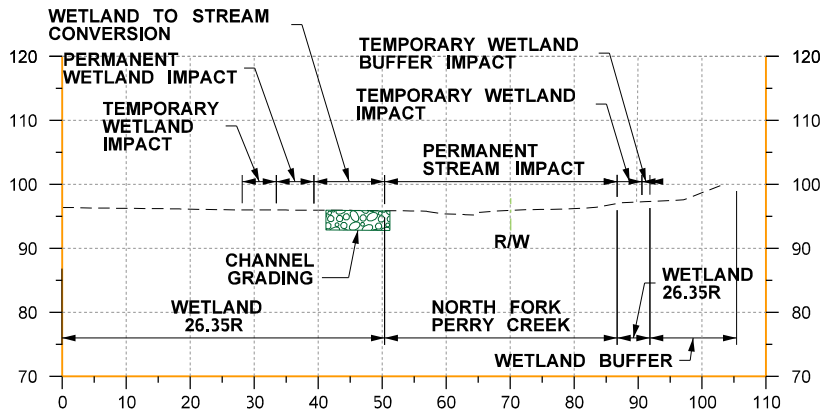


|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING / SNOHOMISH                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND / BOTHELL                       |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYHPEHU            |

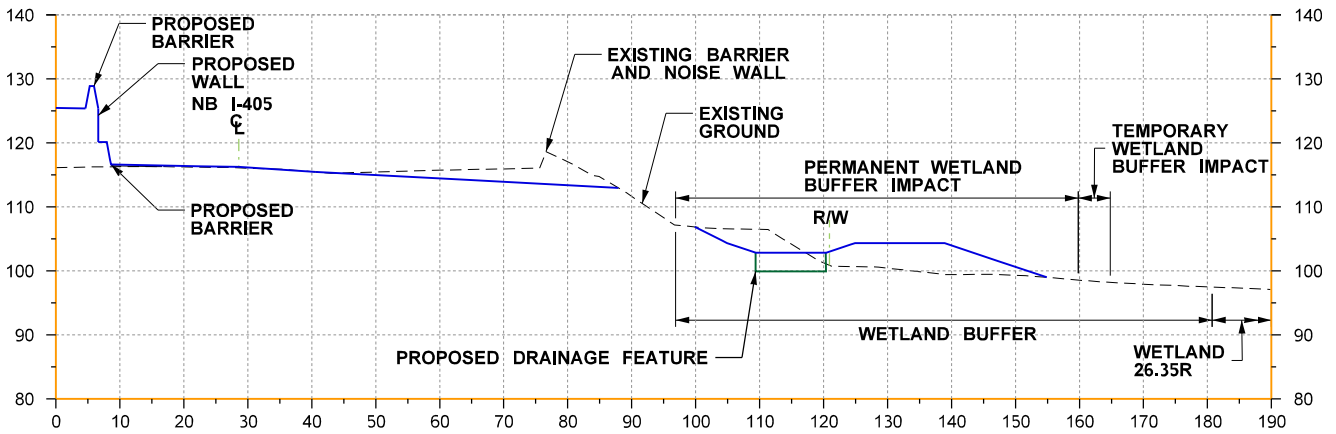


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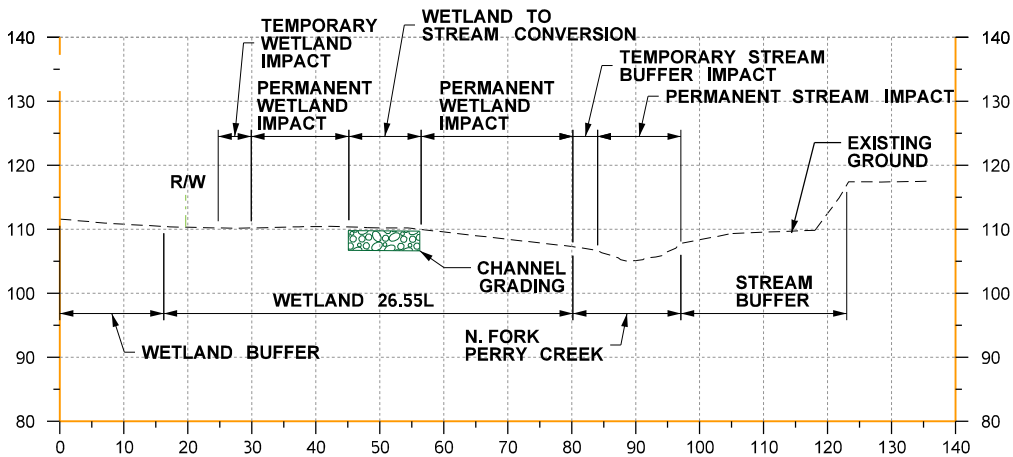
SHEET: 37 OF: 46



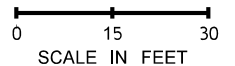
**SECTION B-B (MP 26.42)  
WETLAND 26.35R**



**SECTION C-C (MP 26.46)  
WETLAND 26.35R**



**SECTION D-D (MP 26.50)  
WETLAND 26.55L & NORTH FORK PERRY CREEK**



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYHPEHU            |

**Washington State  
Department of Transportation**

SHEET: 38 OF: 46

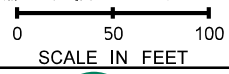
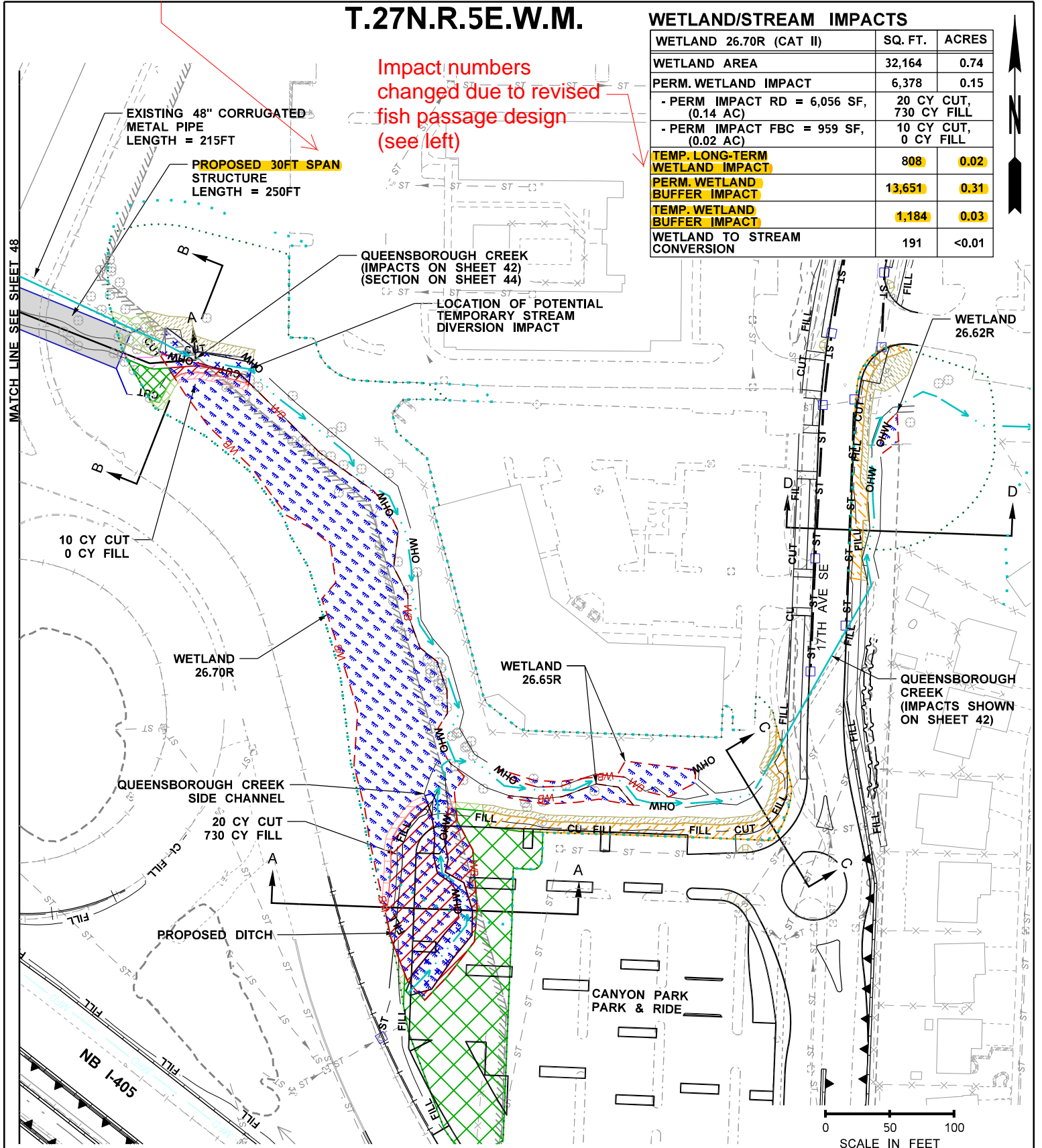
Structure width updated from 20 to 30 feet based on MITFD comments

# T.27N.R.5E.W.M.


Impact numbers changed due to revised fish passage design (see left)

## WETLAND/STREAM IMPACTS

| WETLAND 26.70R (CAT II)                | SQ. FT.                | ACRES |
|--|------------------------|-------|
| WETLAND AREA                           | 32,164                 | 0.74  |
| PERM. WETLAND IMPACT                   | 6,378                  | 0.15  |
| - PERM IMPACT RD = 6,056 SF, (0.14 AC) | 20 CY CUT, 730 CY FILL |       |
| - PERM IMPACT FBC = 959 SF, (0.02 AC)  | 10 CY CUT, 0 CY FILL   |       |
| TEMP. LONG-TERM WETLAND IMPACT         | 808                    | 0.02  |
| PERM. WETLAND BUFFER IMPACT            | 13,651                 | 0.31  |
| TEMP. WETLAND BUFFER IMPACT            | 1,184                  | 0.03  |
| WETLAND TO STREAM CONVERSION           | 191                    | <0.01 |

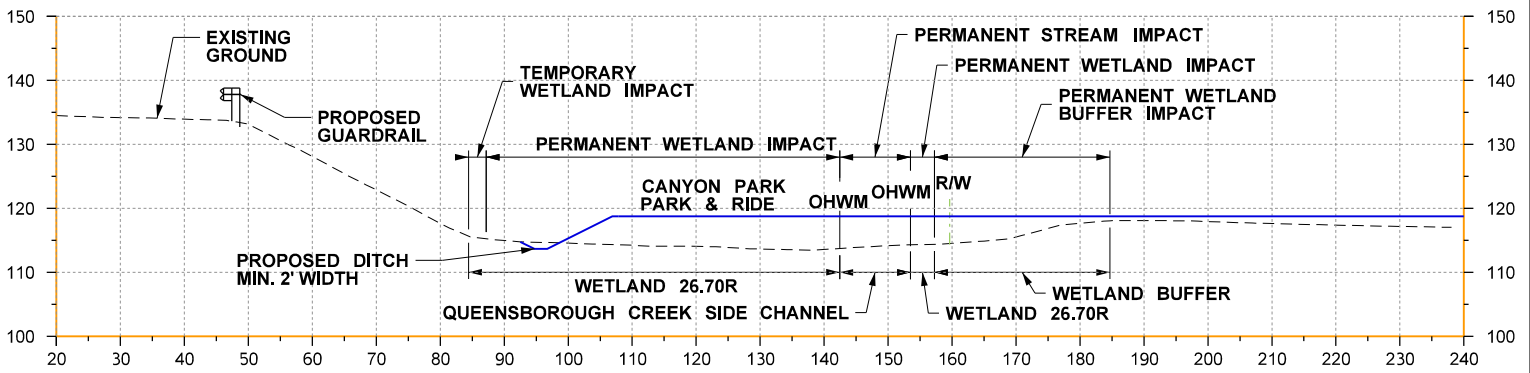


|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING /SNOHOMISH                        |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND /BOTHELL                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del>                     |

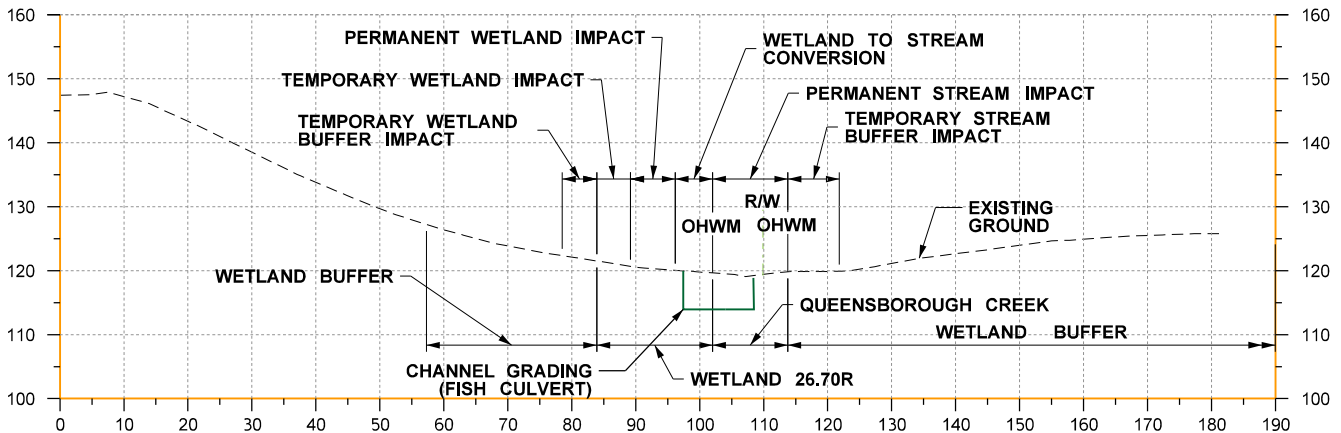


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Department of Transportation**

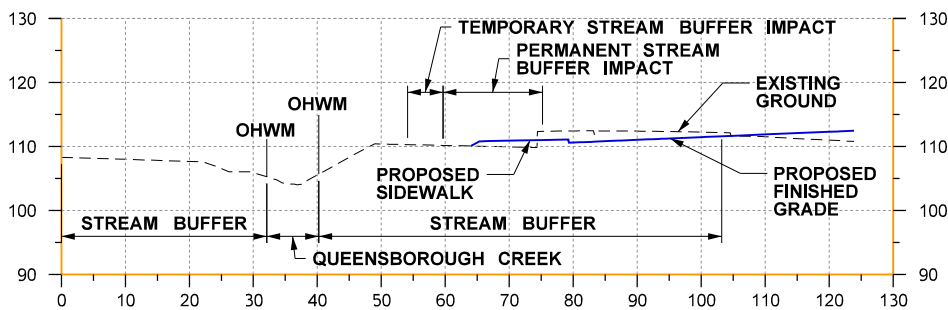
SHEET: 39 OF: 46



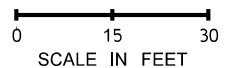
**SECTION A-A (MP 26.65)  
WETLAND 26.70R**



**SECTION B-B (MP 26.73)  
WETLAND 26.70R**



**SECTION C-C (MP 26.62)  
QUEENSBOROUGH CREEK**

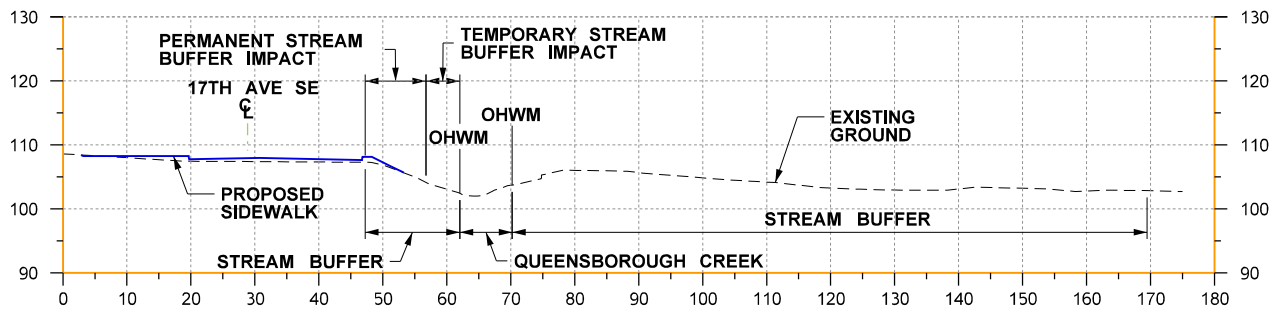


|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> 1RYHPEHU            |

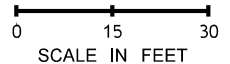


**Washington State  
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**SECTION D-D (MP 26.63)  
QUEENSBOROUGH CREEK**



|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> 1RYHPEHU            |



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Department of Transportation**

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Impact areas changed based on revised fish passage design (see below)

# T.27N.R.5E.W.M.

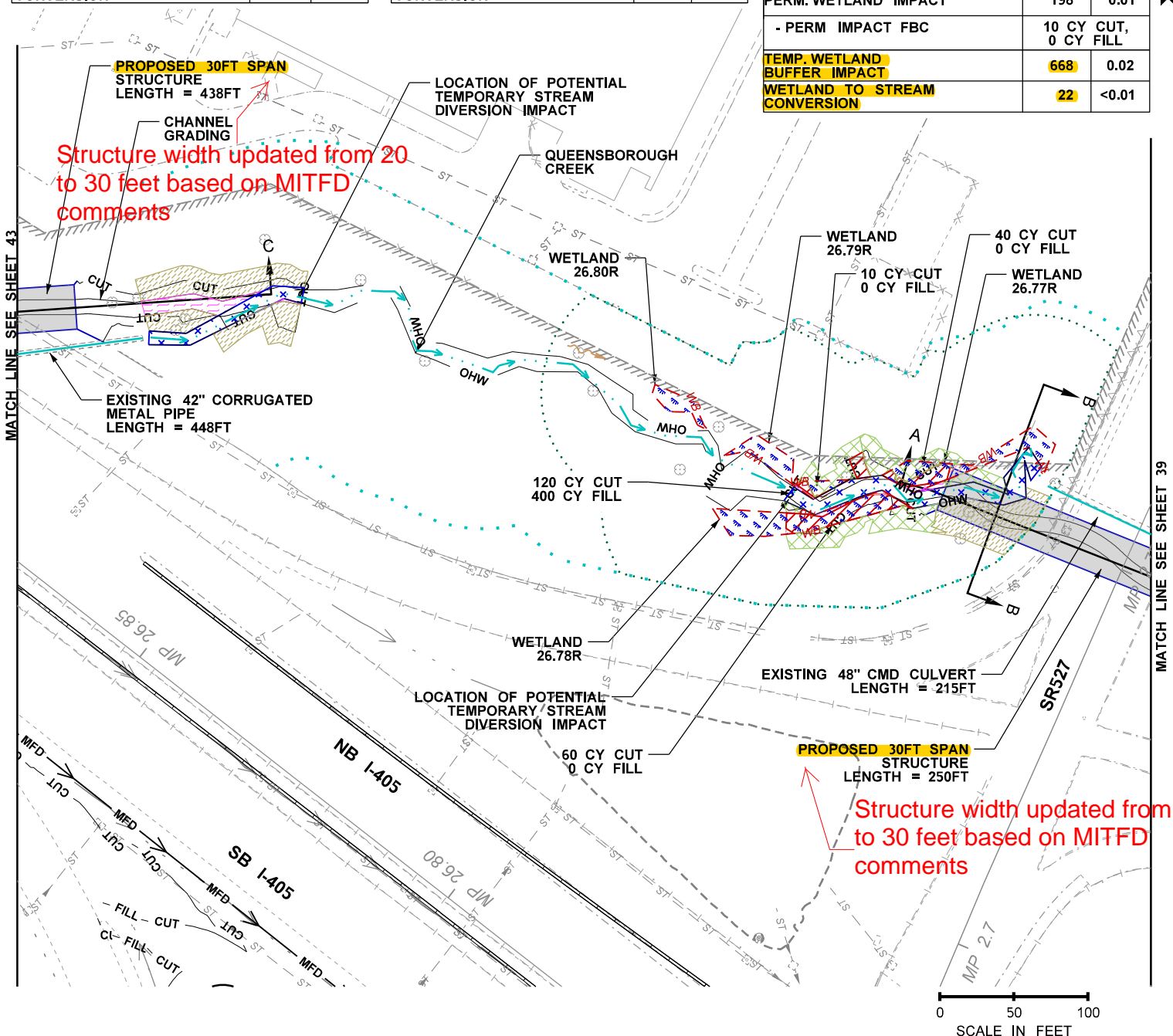
## WETLAND/STREAM IMPACTS

| WETLAND 26.77R (CAT III)       | SQ. FT.              | ACRES |
|--------------------------------|----------------------|-------|
| WETLAND AREA                   | 1,314                | 0.03  |
| PERM. WETLAND IMPACT (FBC)     | 294                  | 0.01  |
| - PERM IMPACT FBC              | 40 CY CUT, 0 CY FILL |       |
| TEMP. LONG-TERM WETLAND IMPACT | 105                  | <0.01 |
| PERM. WETLAND BUFFER IMPACT    | 0                    | 0     |
| TEMP. WETLAND BUFFER IMPACT    | 1,271                | 0.03  |
| WETLAND TO STREAM CONVERSION   | 65                   | <0.01 |

| WETLAND 26.78R (CAT III)       | SQ. FT.              | ACRES |
|--------------------------------|----------------------|-------|
| WETLAND AREA                   | 1,653                | 0.04  |
| PERM. WETLAND IMPACT (FBC)     | 855                  | 0.02  |
| - PERM IMPACT FBC              | 60 CY CUT, 0 CY FILL |       |
| TEMP. LONG-TERM WETLAND IMPACT | 26                   | <0.01 |
| PERM. WETLAND BUFFER IMPACT    | 0                    | 0     |
| TEMP. WETLAND BUFFER IMPACT    | 1,357                | 0.03  |
| WETLAND TO STREAM CONVERSION   | 45                   | <0.01 |

| QUEENSBOROUGH CREEK                    | SQ. FT.                | ACRES |
|--|------------------------|-------|
| PERM. STREAM IMPACT (800 LF)           | 7,783                  | 0.18  |
| - PERM IMPACT RD = 2121 SF, (0.05 AC)  | 10 CY CUT, 360 CY FILL |       |
| - PERM IMPACT FBC = 6170 SF, (0.14 AC) | 110 CY CUT, 40 CY FILL |       |
| PERM. STREAM BUFFER IMPACT             | 4,813                  | 0.11  |
| TEMP. STREAM BUFFER IMPACT             | 16,601                 | 0.38  |
| BUFFER TO STREAM CONVERSION            | 1,726                  | 0.04  |

| WETLAND 26.79R (CAT III)     | SQ. FT.              | ACRES |
|------------------------------|----------------------|-------|
| WETLAND AREA                 | 783                  | 0.02  |
| PERM. WETLAND IMPACT         | 198                  | 0.01  |
| - PERM IMPACT FBC            | 10 CY CUT, 0 CY FILL |       |
| TEMP. WETLAND BUFFER IMPACT  | 668                  | 0.02  |
| WETLAND TO STREAM CONVERSION | 22                   | <0.01 |



Structure width updated from 20 to 30 feet based on MITFD comments

Structure width updated from 20 to 30 feet based on MITFD comments

|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT | REFERENCE:                                     |
| PURPOSE: ROADWAY IMPROVEMENTS   | APPLICANT: WSDOT                               |
| PROPOSED:   | COUNTY: KING / SNOHOMISH                       |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | NEAR: KIRKLAND / BOTHELL                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | WATER BODY: Sammamish River, Tribs, & Wetlands |
| ADJACENT PROPERTY OWNERS:   | DATE: <del>JUNE 2020</del> <b>TRYPHEU</b>      |

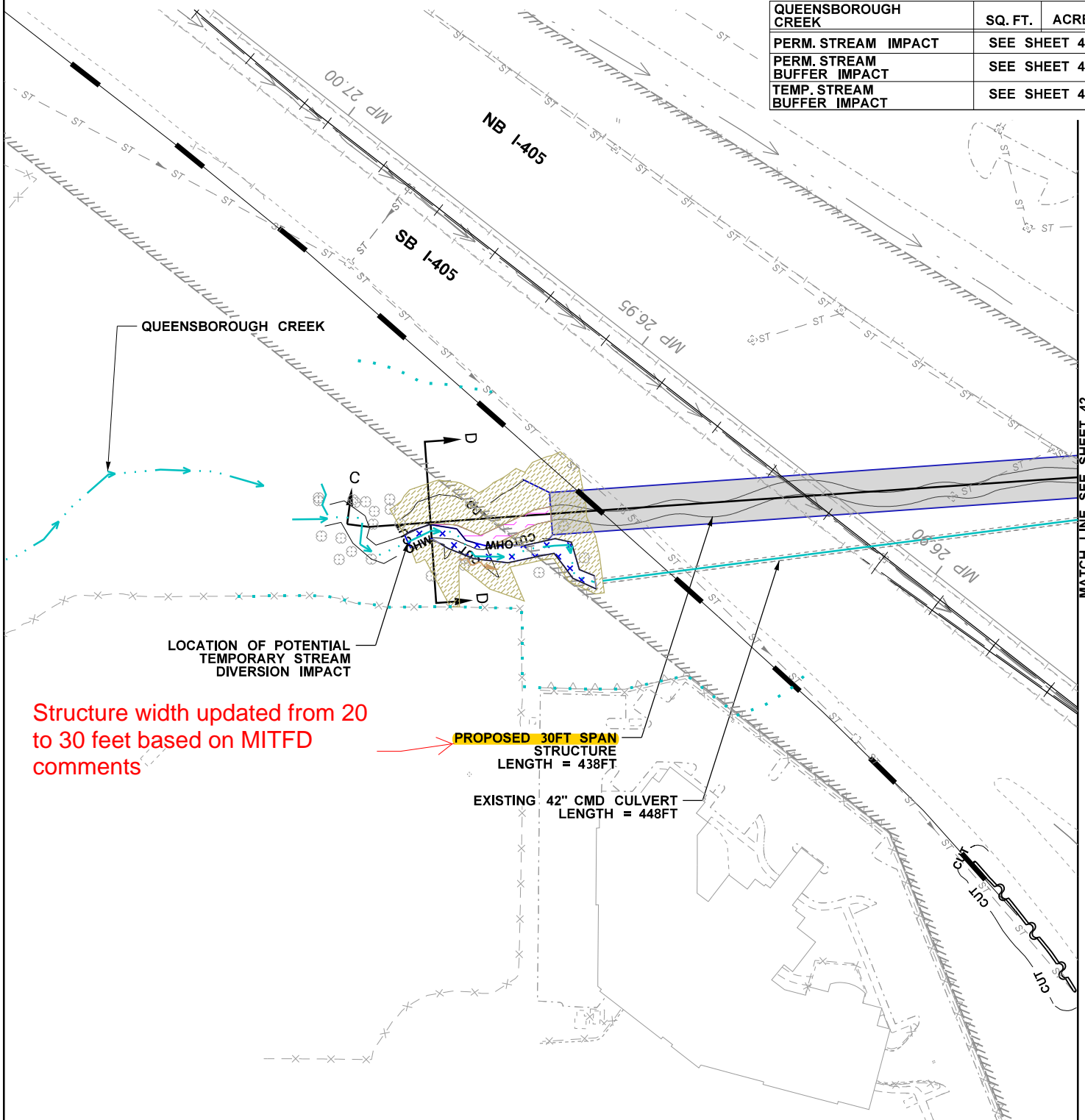
  
**Washington State**  
**Department of Transportation**

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# T.27N.R.5E.W.M.

## WETLAND/STREAM IMPACTS

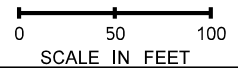
| QUEENSBOROUGH CREEK        | SQ. FT.      | ACRES |
|----------------------------|--------------|-------|
| PERM. STREAM IMPACT        | SEE SHEET 42 |       |
| PERM. STREAM BUFFER IMPACT | SEE SHEET 42 |       |
| TEMP. STREAM BUFFER IMPACT | SEE SHEET 42 |       |



Structure width updated from 20 to 30 feet based on MITFD comments

PROPOSED 30FT SPAN  
STRUCTURE  
LENGTH = 438FT

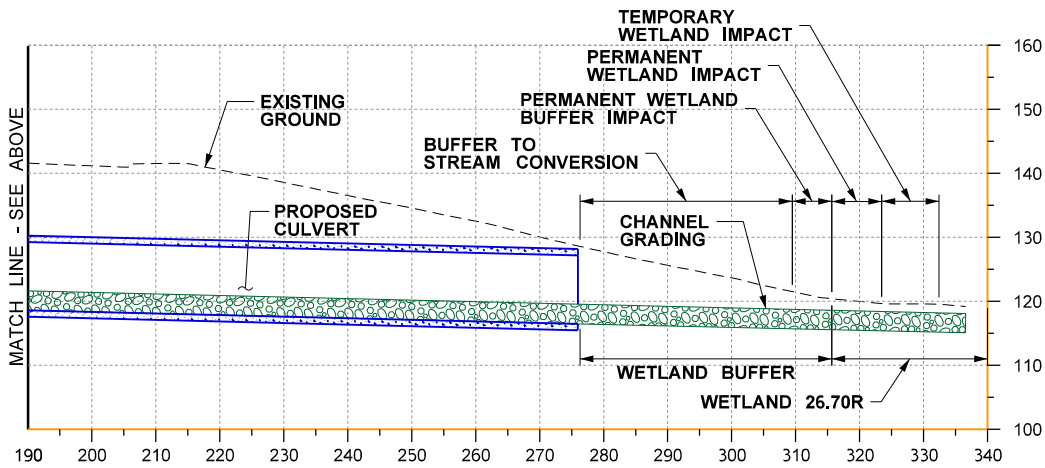
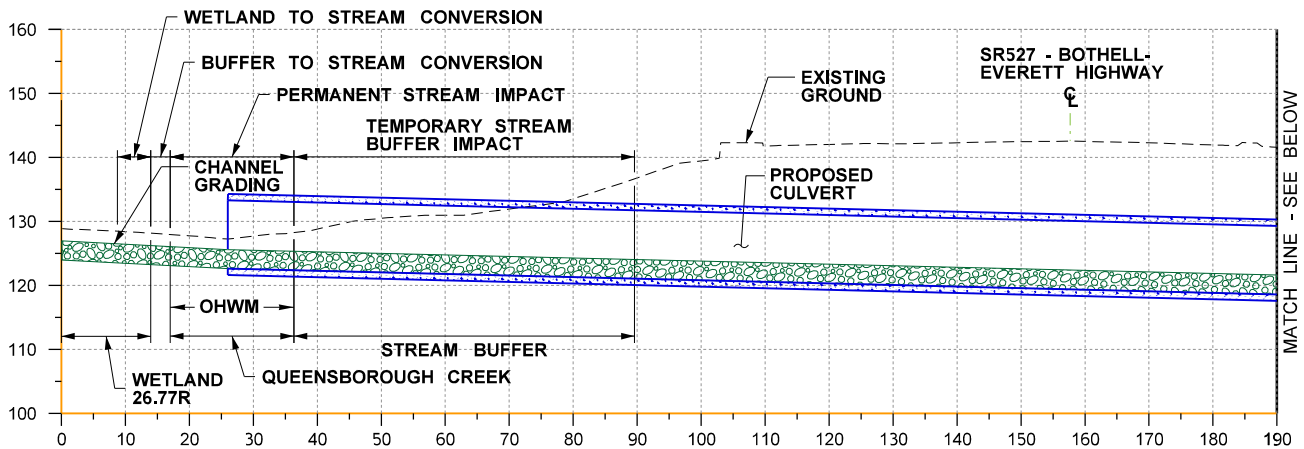
EXISTING 42" CMD CULVERT  
LENGTH = 448FT



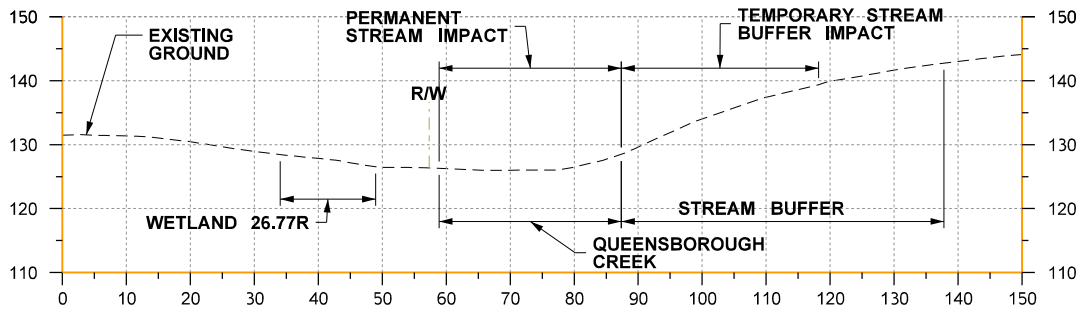
|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del>                     |



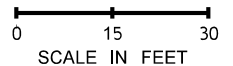
Washington State  
Department of Transportation



**SECTION A-A (MP SR527 2.75)  
QUEENSBOROUGH CREEK**



**SECTION B-B (MP SR527 2.75)  
WETLAND 26.77R**

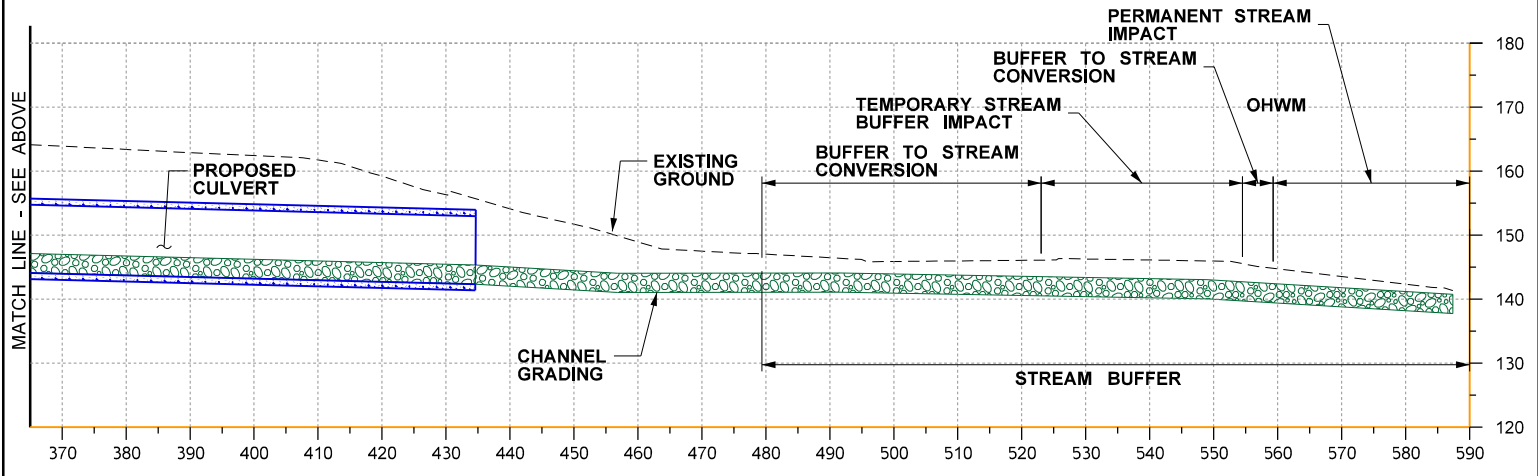
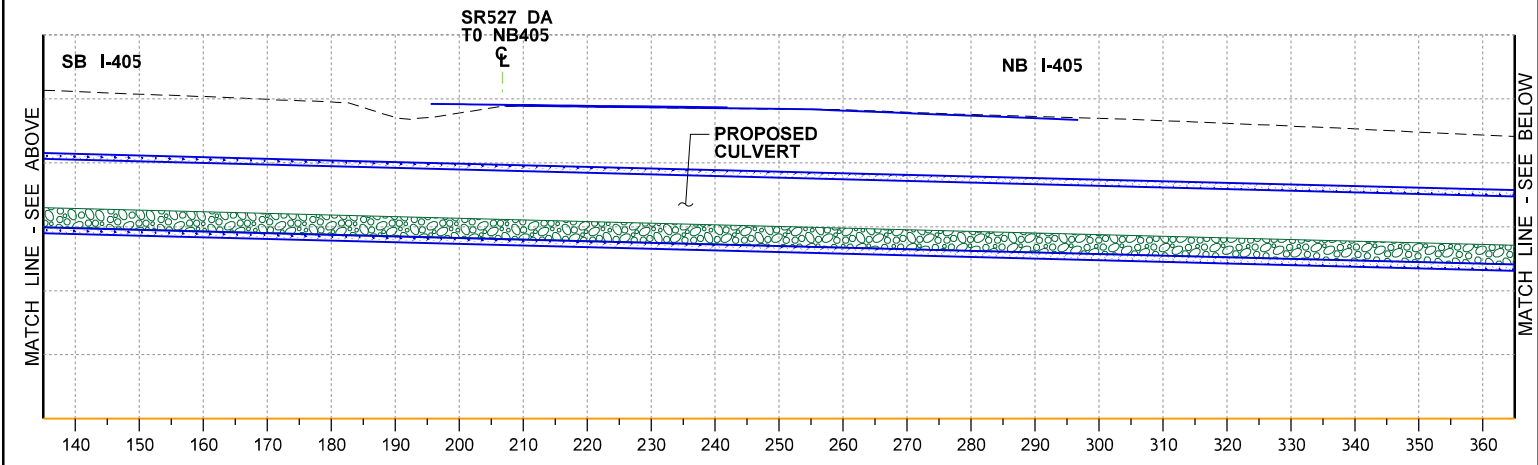
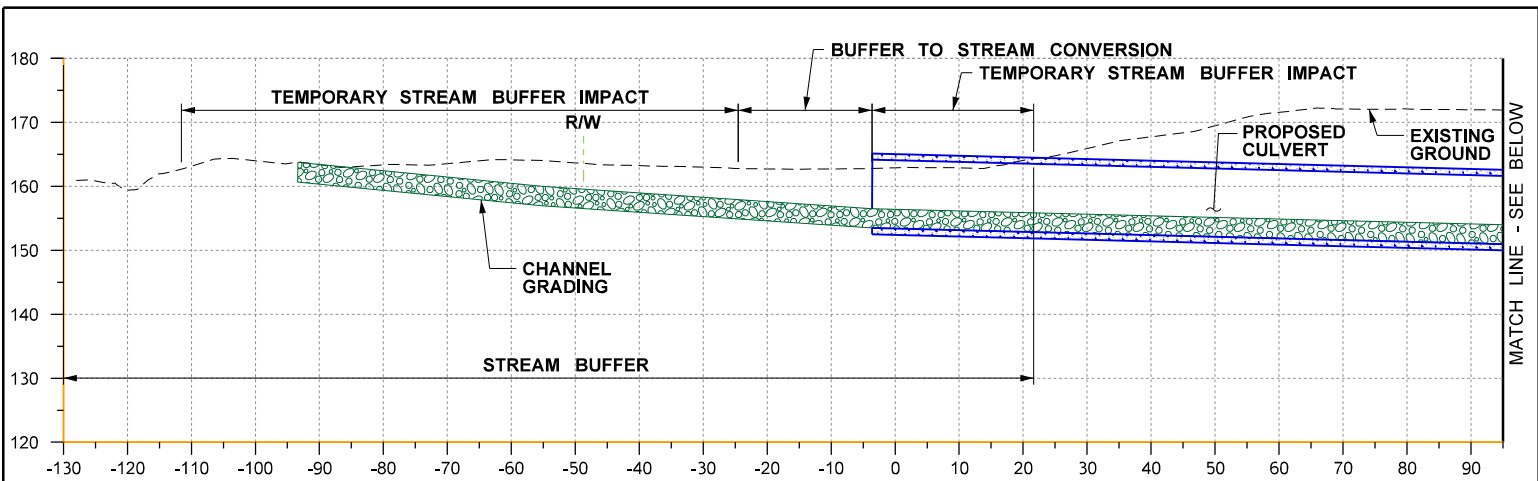


|   |  |
|---|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS   | REFERENCE:                                     |
| PROPOSED:   | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA   | COUNTY: KING /SNOHOMISH                        |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | NEAR: KIRKLAND /BOTHELL                        |
| ADJACENT PROPERTY OWNERS:   | WATER BODY: Sammamish River, Tribs, & Wetlands |
|   | DATE: <del>JUNE 2020</del> IRYHPEHU            |

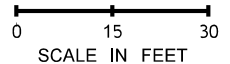


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Department of Transportation**


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**SECTION C-C (MP 26.91)  
QUEENSBOROUGH CREEK**

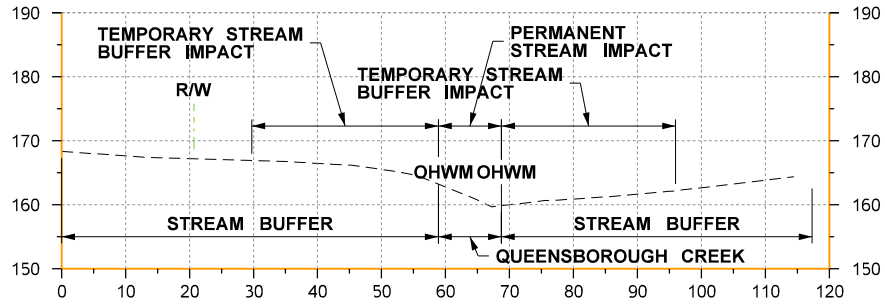


|  |  |
|--|--|
| PROJECT NAME: I-405, BRICKYARD PARK AND RIDE IN-LINE FREEWAY STATION BRT PROJECT |  |
| PURPOSE: ROADWAY IMPROVEMENTS  | REFERENCE:                                     |
| PROPOSED:  | APPLICANT: WSDOT                               |
| LOCATION: I-405 CORRIDOR, BOTHELL, WA  | COUNTY: KING / SNOHOMISH                       |
| DATUM: HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                  | NEAR: KIRKLAND / BOTHELL                       |
| ADJACENT PROPERTY OWNERS:  | WATER BODY: Sammamish River, Tribs, & Wetlands |
|  | DATE: <del>JUNE 2020</del> IRYHPEHU            |

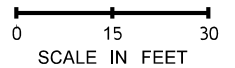


**Washington State  
Department of Transportation**

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**SECTION D-D (MP 26.95)  
QUEENSBOROUGH CREEK**



|  |   |
|--|---|
| <b>PROJECT NAME:</b> I-405, BRICKYARD PARK AND RIDE INLINE FREEWAY STATION BRT PROJECT |   |
| <b>PURPOSE:</b> ROADWAY IMPROVEMENTS   | <b>REFERENCE:</b>                                     |
| <b>PROPOSED:</b>   | <b>APPLICANT:</b> WSDOT                               |
| <b>LOCATION:</b> I-405 CORRIDOR, BOTHELL, WA   | <b>COUNTY:</b> KING /SNOHOMISH                        |
| <b>DATUM:</b> HORIZONTAL: NAD 83/91, VERTICAL: NAVD 88                                 | <b>NEAR:</b> KIRKLAND /BOTHELL                        |
| <b>ADJACENT PROPERTY OWNERS:</b>   | <b>WATER BODY:</b> Sammamish River, Tribs, & Wetlands |
|  | <b>DATE:</b> <del>JUNE 2020</del> IRYHPEHU            |



**Washington State  
Department of Transportation**