

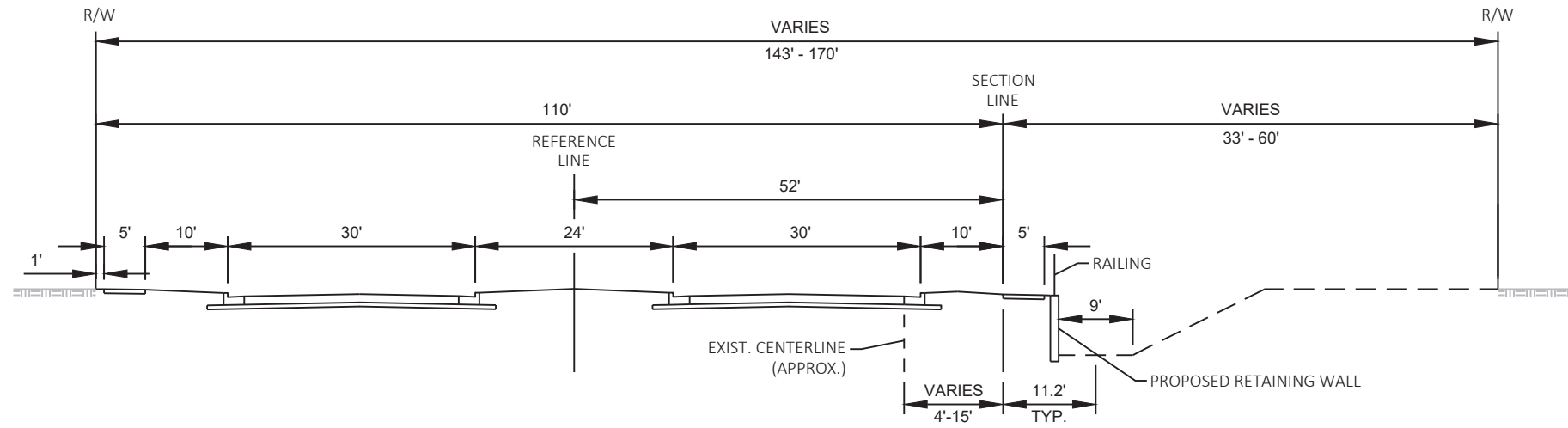


WAUKESHA COUNTY
DEPARTMENT OF PUBLIC WORKS

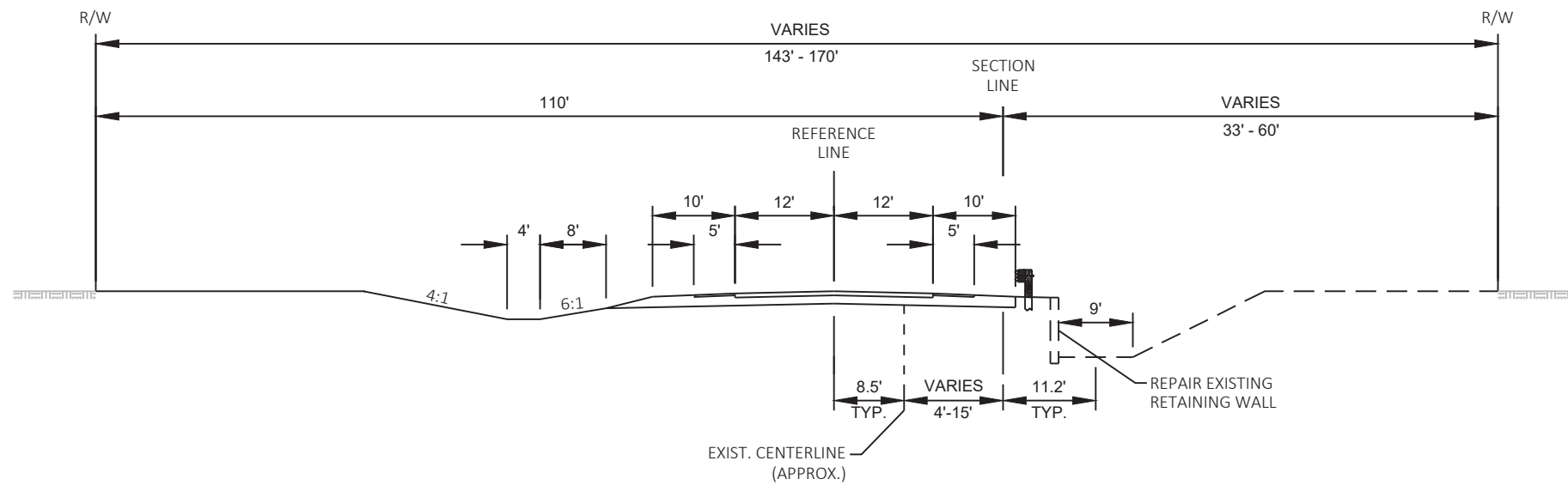
Alternative Exhibits

Project ID 18-2782(16)
CTH YY (Pilgrim Rd) – Underwood Creek Structure
Waukesha County

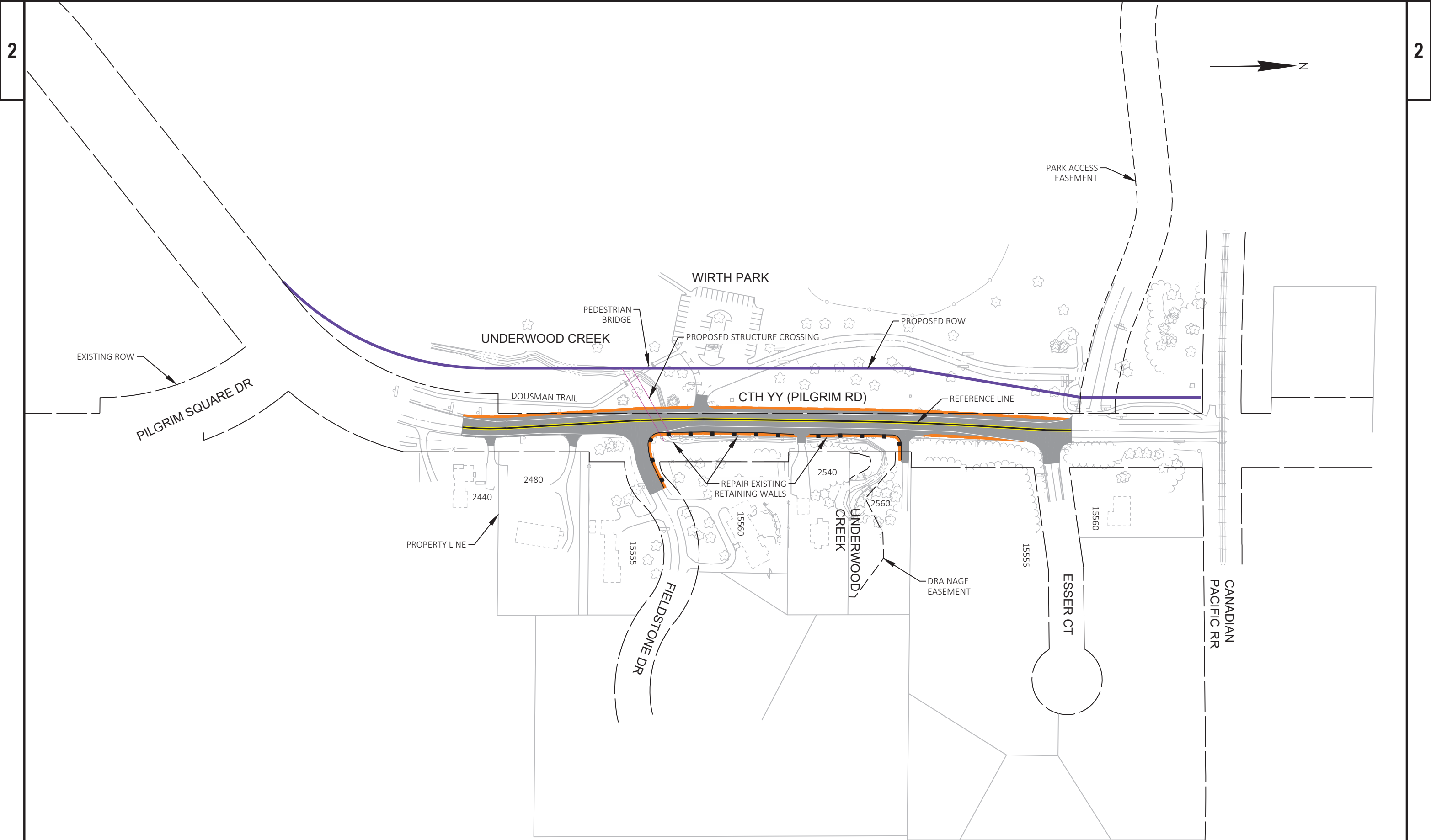
July 2 2021

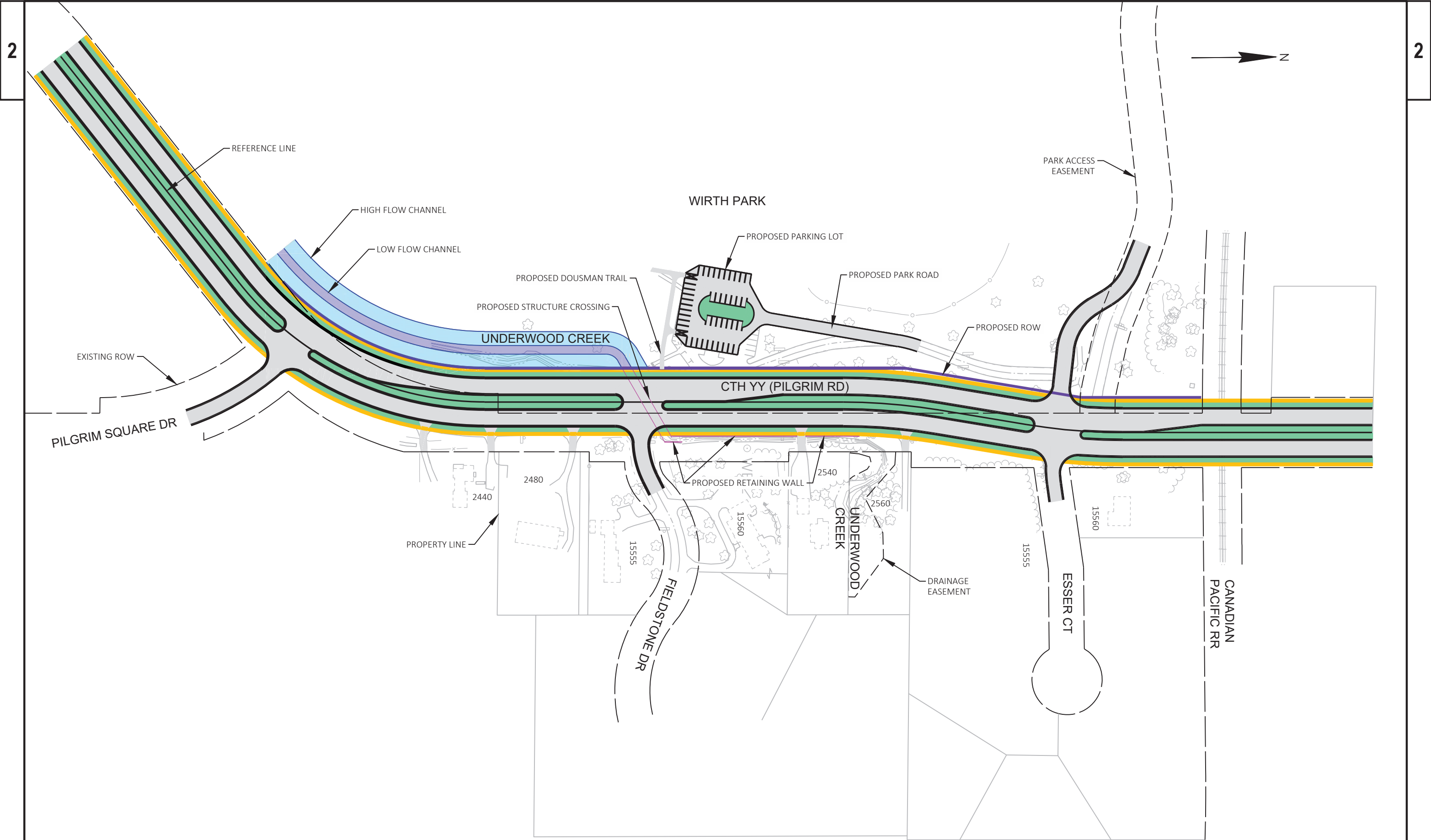


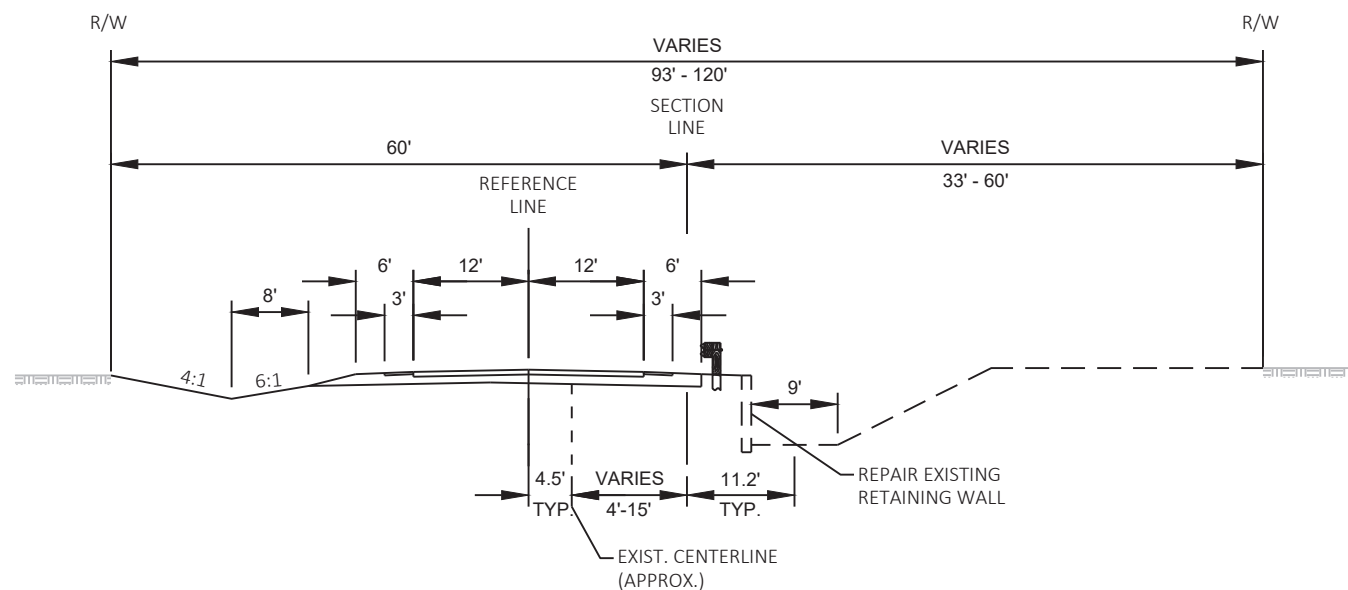
UNDERWOOD CREEK IN EXISTING LOCATION (UC EXIST)
4-LANE FACILITY



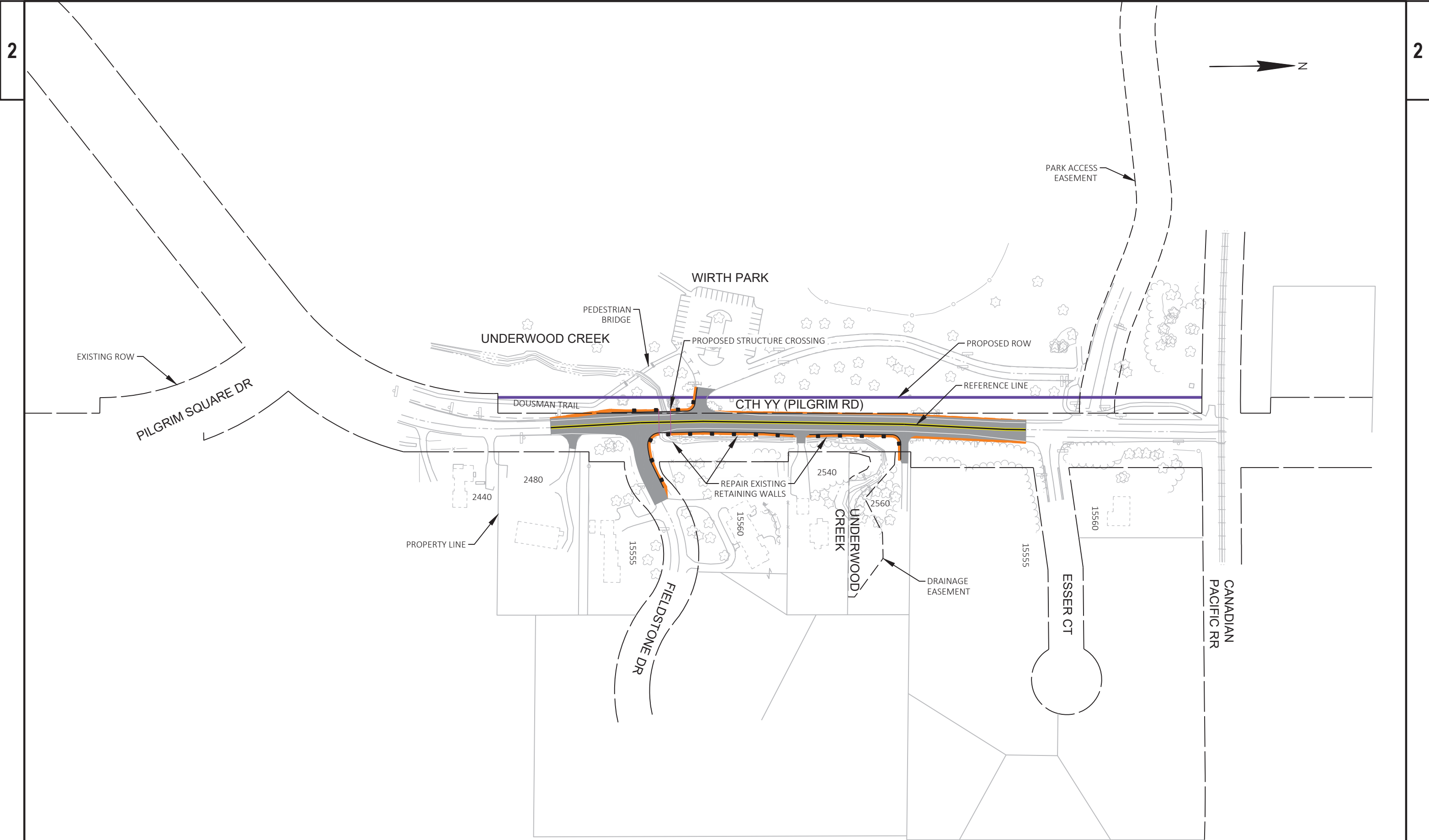
UNDERWOOD CREEK IN EXISTING LOCATION (UC EXIST)
2-LANE FACILITY

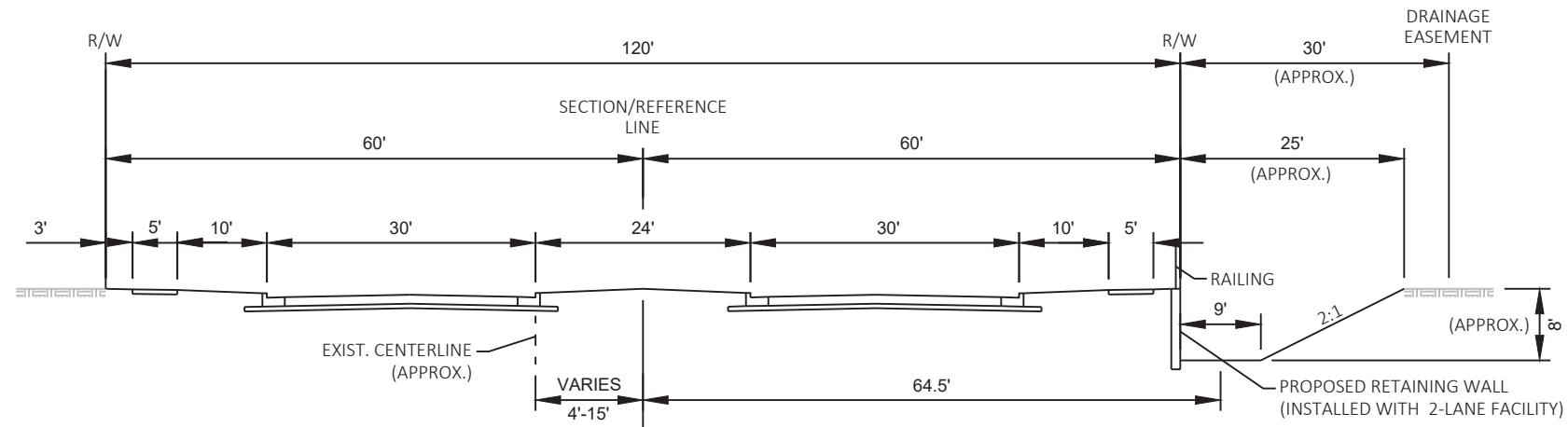




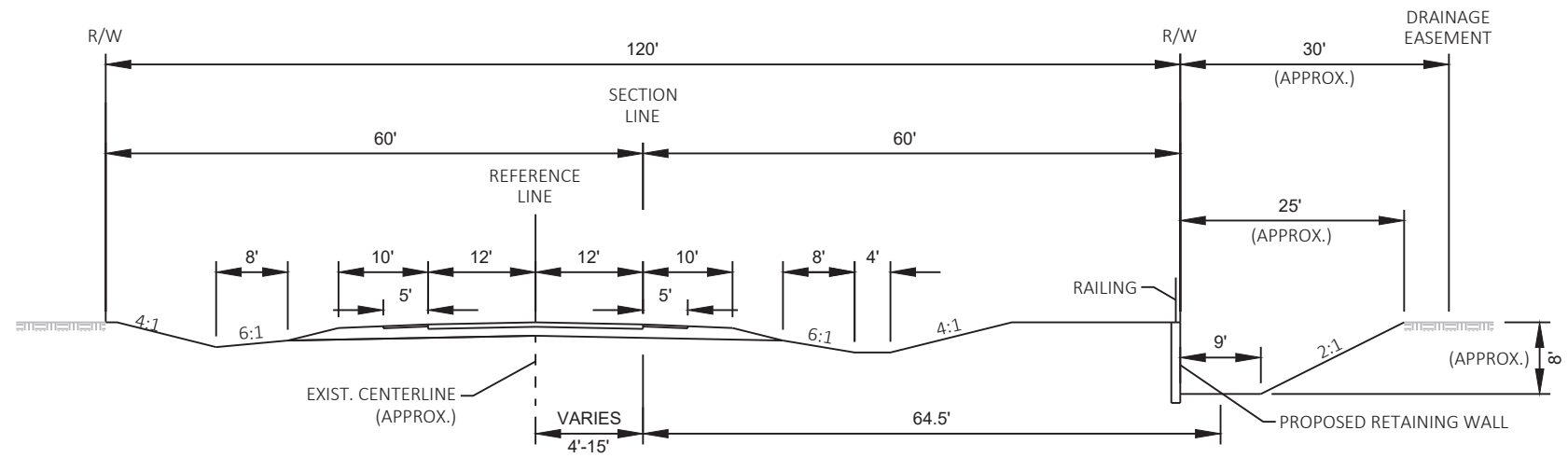


UNDERWOOD CREEK IN EXISTING LOCATION WITH NARROW SHOULDERS (UC EXIST - NARROW) 2-LANE FACILITY

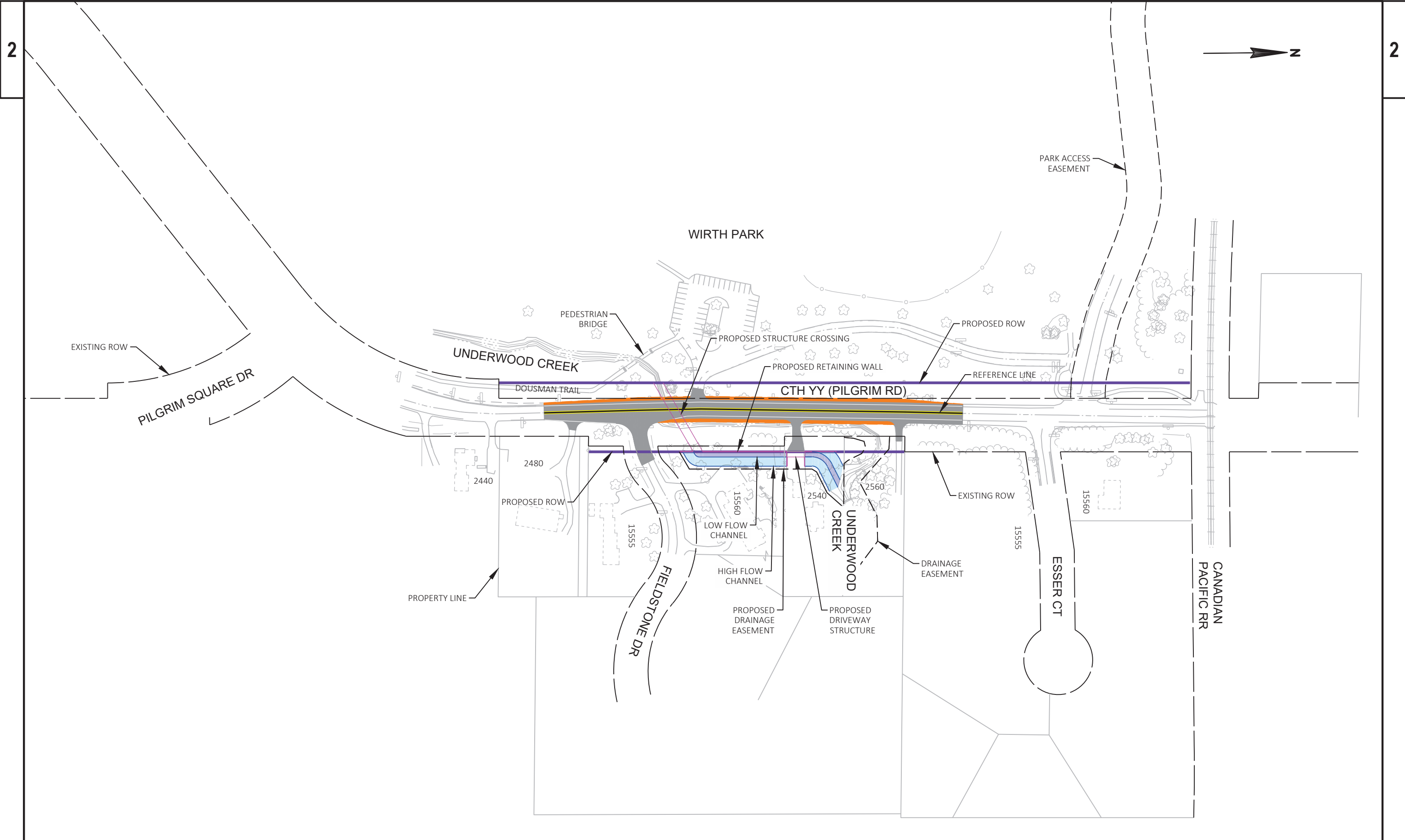


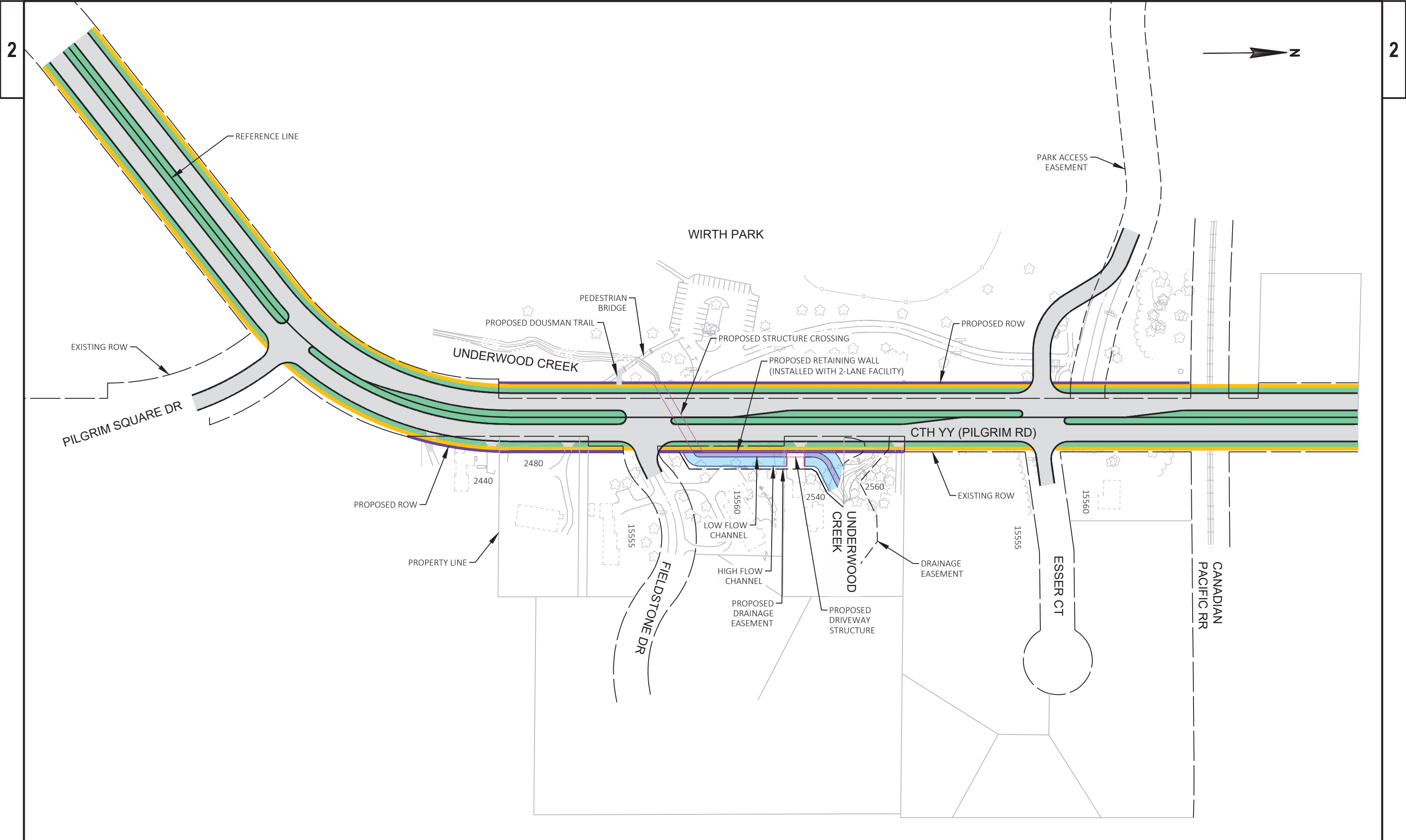


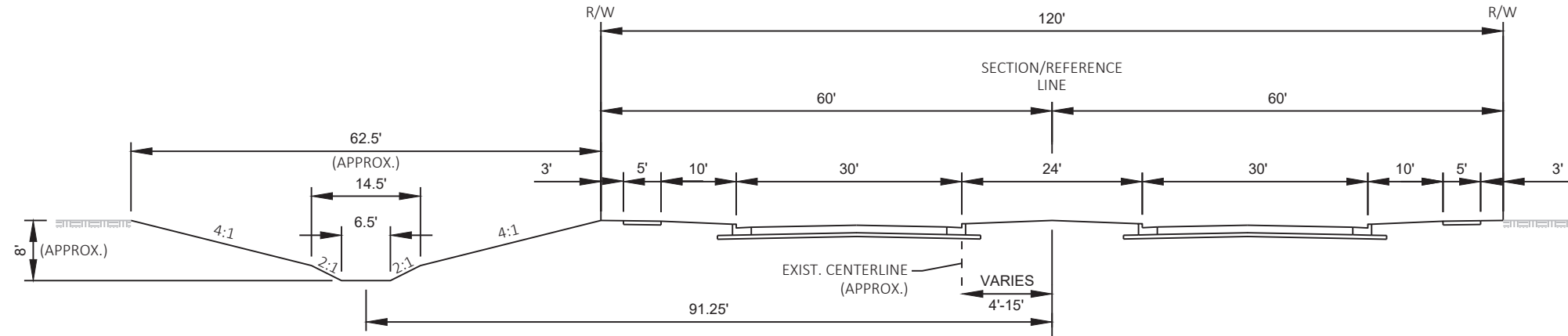
UNDERWOOD CREEK MOVED EAST (UC EAST)
4-LANE FACILITY



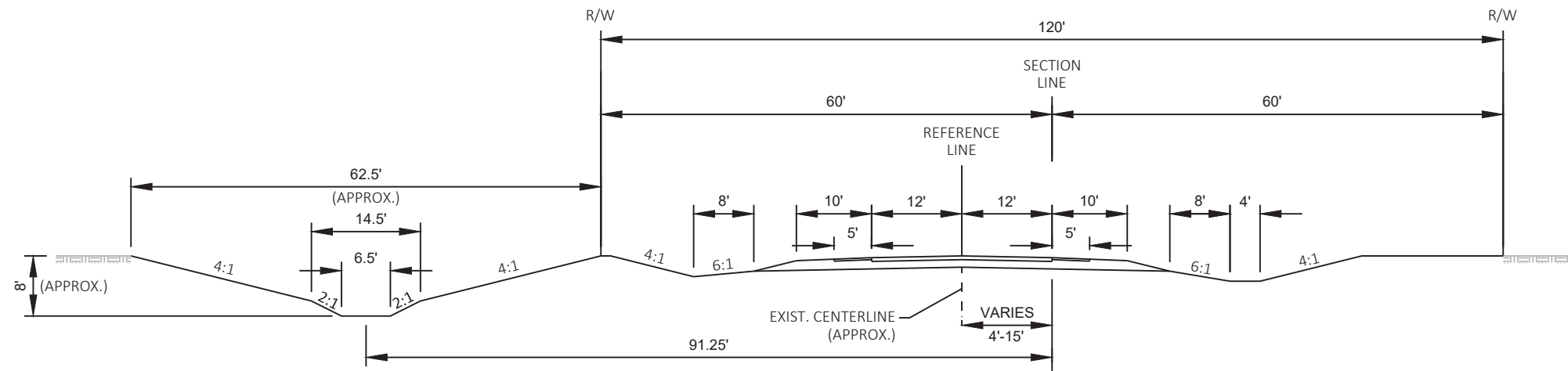
UNDERWOOD CREEK MOVED EAST (UC EAST)
2-LANE FACILITY



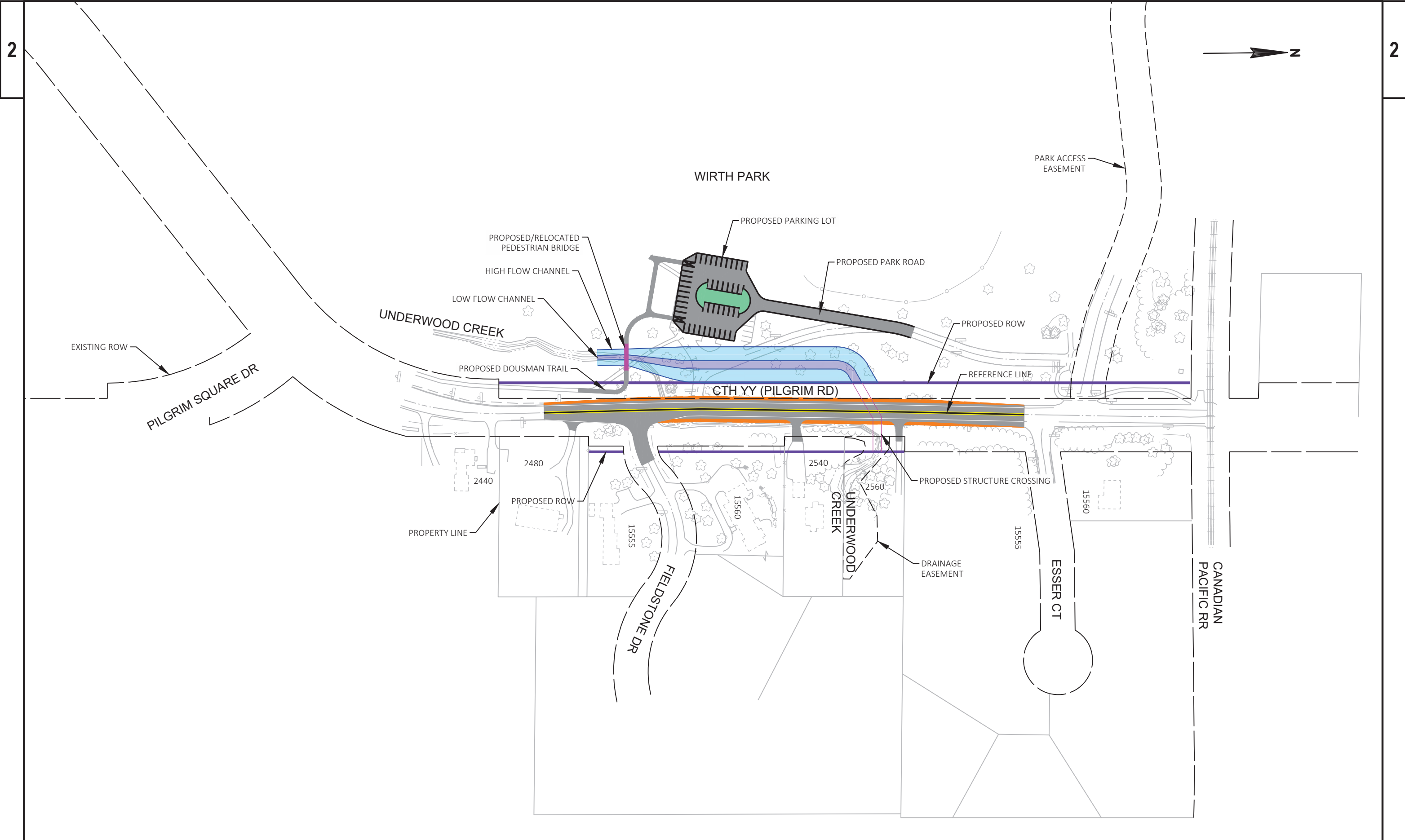


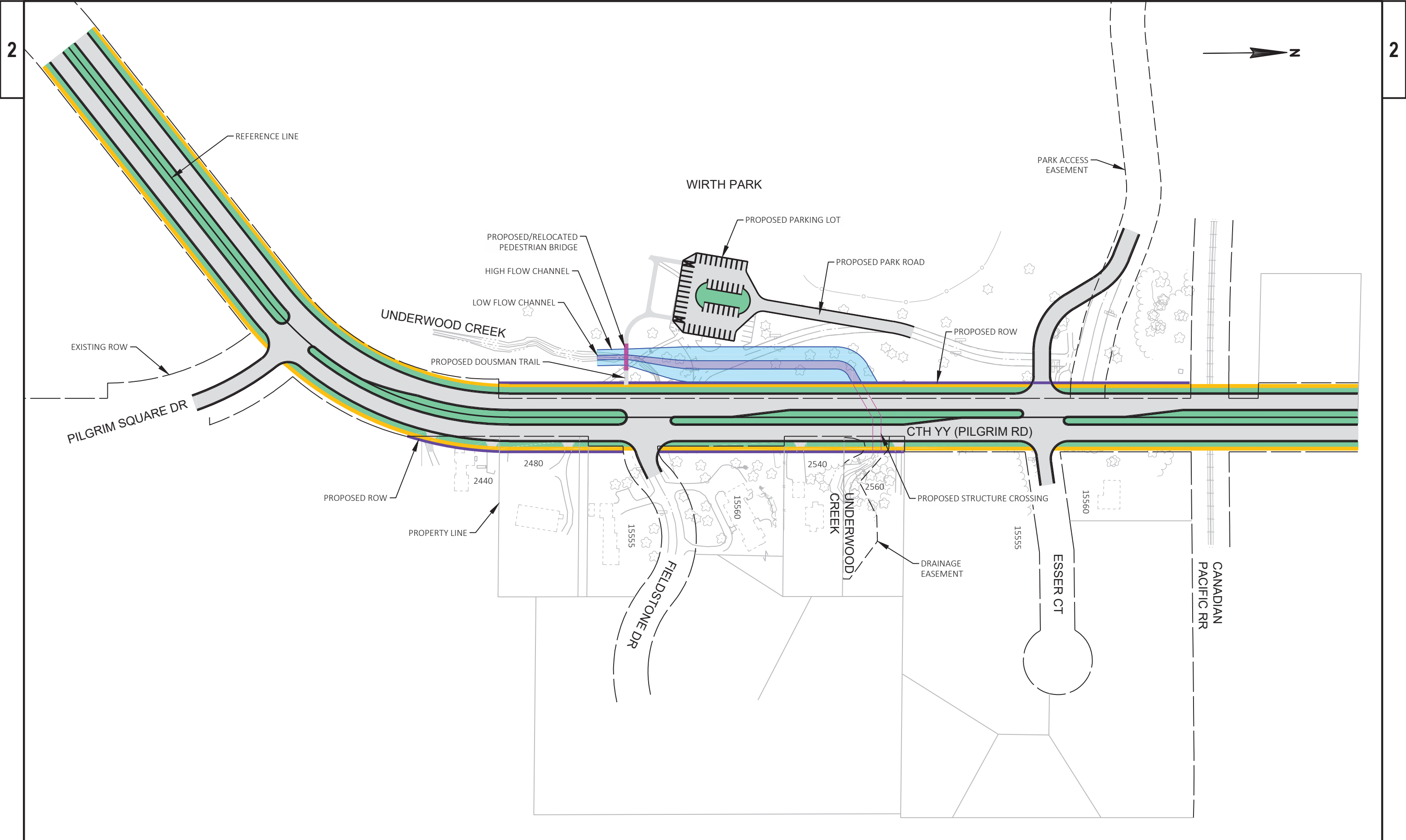


UNDERWOOD CREEK MOVED WEST (UC WEST)
4-LANE FACILITY



UNDERWOOD CREEK MOVED WEST (UC WEST)
2-LANE FACILITY





Public Involvement Meeting Handout

**Project ID 18-2782(16)
CTH YY (Pilgrim Rd) – Underwood Creek Structure
Waukesha County**



**WAUKESHA COUNTY
DEPARTMENT OF PUBLIC WORKS**

**February 13, 2019
5 pm to 7 pm
City of Brookfield Public Safety Building**

*Welcome to the Public Involvement Meeting for the replacement of the
CTH YY (Pilgrim Rd) Underwood Creek Structure!*

Meeting Purpose

The intent of the meeting is to be informative. We are here to discuss the proposed project with you, answer questions, and listen to your comments, concerns and/or suggestions. This meeting will be an open house format from 5 pm – 7 pm. Please review handouts and exhibits at your leisure.

Project Information

Waukesha County is evaluating alternatives for the replacement of the CTH YY (Pilgrim Rd) Underwood Creek Structure. This project is a spot improvement project to replace a structure in poor condition.

The roadway and structure were originally built and maintained by the City of Brookfield. Jurisdiction of the structure and roadway was transferred to Waukesha County in 2006. This project is being completed with County funds.

The CTH YY (Pilgrim Rd) structure is a concrete slab with a single span of approximately 18'. The structure has been widened on both sides using pre-stressed concrete channel girders. Deterioration and undermining of the abutments was repaired in 2004 with a concrete skirt at each abutment.

CTH YY (Pilgrim Rd) will remain a 2-lane facility with this project. Waukesha County proposes to reconstruct CTH YY (Pilgrim Rd) with 2-12' lanes and 10' shoulders.

While CTH YY (Pilgrim Rd) will remain a 2-lane facility with this project, it has been identified in the Southeastern Wisconsin Regional Planning Commission's long-range plans as a future 4-lane facility. Therefore, preliminary design will investigate how the structure built today could accommodate a future expansion. A 4-lane expansion of CTH YY (Pilgrim Rd) is not programmed in the County's 5-Year Capital Plan.

Structure Replacement Alternatives

The following is a synopsis of the alternatives being investigated. Please see exhibits for additional information.

Underwood Creek in Existing Location

This alternative would maintain Underwood Creek in its existing location along the east side of CTH YY (Pilgrim Rd) north of Fieldstone Dr. The retaining walls defining the creek would also remain in the existing location. CTH YY (Pilgrim Rd) would shift to the west.

Underwood Creek Moved East

This alternative would relocate Underwood Creek east of the existing creek location. The new creek alignment would be established in order to accommodate a future 4-lane expansion. Therefore, the creek would need to be placed outside of the highway right-of-way within a drainage easement. This alternative would construct new retaining walls along the west side of the creek. As it does today, the east side of the creek would be graded (sloped) back to match into the abutting property. CTH YY (Pilgrim Rd) would stay on its existing alignment.

Underwood Creek Moved West

This alternative would propose to relocate Underwood Creek to the west side of CTH YY (Pilgrim Rd). The new creek alignment would be established in order to accommodate a future 4-lane expansion. The stream crossing of CTH YY (Pilgrim Rd) would be moved north. The crossing would occur south of Esser Ct where Underwood Creek flows to the east within an existing drainage easement. This alternative would remove the existing retaining walls and backfill Underwood Creek along the existing alignment. CTH YY (Pilgrim Rd) would remain on its existing alignment.

Highway Right-of-Way (ROW)

The Established Street and Highway Width Map for Waukesha County, WI indicates a planned 120' highway ROW width for CTH YY (Pilgrim Rd) between CTH M (North Ave) and CTH K (Lisbon Rd). North and south of the project limits the ROW is 120'. Within the project limits the ROW varies from 66' to 93'. In accordance with the Waukesha County Code of Ordinances, this project may acquire highway ROW widths in accordance with those indicated in the Established Street and Highway Width Map.

Real Estate

Right-of-way acquisition, temporary limited easements (TLEs), and permanent limited easements (PLEs) are anticipated for this project. Land acquisition will be performed by Waukesha County and is anticipated to begin in Fall 2019.

Construction Staging / Detour Routes

Access will be maintained to properties within the work zone during construction for the project. However, since this is a structure replacement project, CTH YY (Pilgrim Rd) will be closed to all other through traffic.

The project will have a posted detour route during construction. Coordination will begin in the near future with WisDOT and City of Brookfield officials for use of their roadways to detour traffic. Coordination will also take place concerning timing of construction and other projects in the area.

Project Schedule

The design team will evaluate comments received during tonight's Public Involvement Meeting as the alternative investigation continues. It is anticipated that a preferred alternative will be selected in late spring or early summer 2019. The selected alternative will be shared with stakeholders at that time.

Final plans for the project are anticipated to be submitted in January 2020 with construction taking place in Summer 2020, pending coordination with other area projects.

Public Input / Comments

We encourage you to talk to the project representatives and ask questions. Attached to this handout is a sheet for your written comments and input regarding the proposed project. Please mail any written comments about the project before March 1, 2019 or leave them in the comment box tonight. You can also email your comments to the contacts listed below.

Your comments assist us in developing a project that will serve the needs of the traveling public as well as the needs of the local community. Your input is welcome and appreciated throughout the design process.

For more information, please contact:

Kevin Yanny, PE; Waukesha County DPW – Project Manager,
515 W Moreland Blvd, AC220, Waukesha, WI 53188; Phone: 262.548.7740; email:
KYanny@waukeshacounty.gov

Philip Bain, PE; Ayres Associates – Design Leader,
N17 W24222 Riverwood Drive, Suite 310, Waukesha, WI 53188; Phone: 262.522.4940; email:
BainP@AyresAssociates.com

Waukesha County GIS Map



0 0.04 Miles

Notes: CTH YY at Underwood Creek Structure

The information and depictions herein are for informational purposes and Waukesha County specifically disclaims accuracy in this reproduction and specifically admonishes and advises that if specific and precise accuracy is required, the same should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means. Waukesha County will not be responsible for any damages which result from third party use of the information and depictions herein, or for use which ignores this warning.



Project ID 18-2782(16)
 CTH YY (Pilgrim Rd) – Underwood Creek Structure
 Waukesha County

	Overview of Alternatives	
	Wirth Park Considerations	Residential Considerations
Alternative		
Underwood Creek in Existing Location	<ul style="list-style-type: none"> - Road shifted west to accommodate new shoulder and guardrail along creek. - Right-of-way acquisition required to achieve 120' highway corridor and accommodate roadway shift. - Creek realigned to accommodate new structure. - Pedestrian bridge impacted. - Dousman Trail impacted in 4-lane expansion. - Park access north of Fieldstone Dr closed in 4-lane expansion. - Parking lot impacted in 4-lane expansion. - Park road impacted in 4-lane expansion. 	<ul style="list-style-type: none"> - No permanent right-of-way acquisition required. - Creek remains within existing highway right-of-way. - Retaining wall remains along creek. - Existing driveway structure over creek remains. - New guardrail installed.
Underwood Creek Moved East	<ul style="list-style-type: none"> - Road remains on existing alignment. - Right-of-way acquisition required to achieve 120' highway corridor. - Pedestrian bridge unaffected. - Dousman Trail impacted in 4-lane expansion. - Park access north of Fieldstone Dr closed in 4-lane expansion. - Parking lot unaffected. - Park road unaffected. 	<ul style="list-style-type: none"> - Right-of-way acquisition required to achieve 120' highway corridor. - Creek relocated outside of highway right-of-way. - Drainage easement required for relocating creek outside of highway right-of-way. - New retaining wall required along creek. - New driveway structure over relocated creek.
Underwood Creek Moved West	<ul style="list-style-type: none"> - Road remains on existing alignment. - Right-of-way acquisition required to achieve 120' highway corridor. - Creek relocated west, outside of highway ROW. - Pedestrian bridge impacted. - Dousman Trail impacted. - Park access north of Fieldstone Dr closed. - Parking lot impacted. - Park road impacted. 	<ul style="list-style-type: none"> - Right-of-way acquisition required to achieve 120' highway corridor. - Creek no longer between roadway and homes. - No retaining wall needed. - No driveway structure needed. - No guardrail needed.

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**CTH YY (Pilgrim Rd) Underwood Creek Structure
Project ID 18-2782(16), Waukesha County
Public Comment Form**

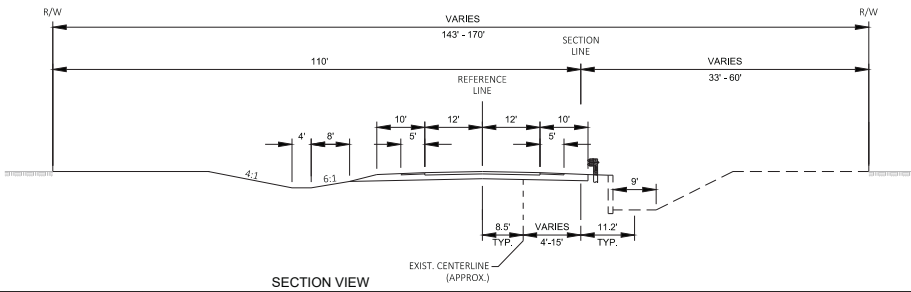
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AYRES
ASSOCIATES

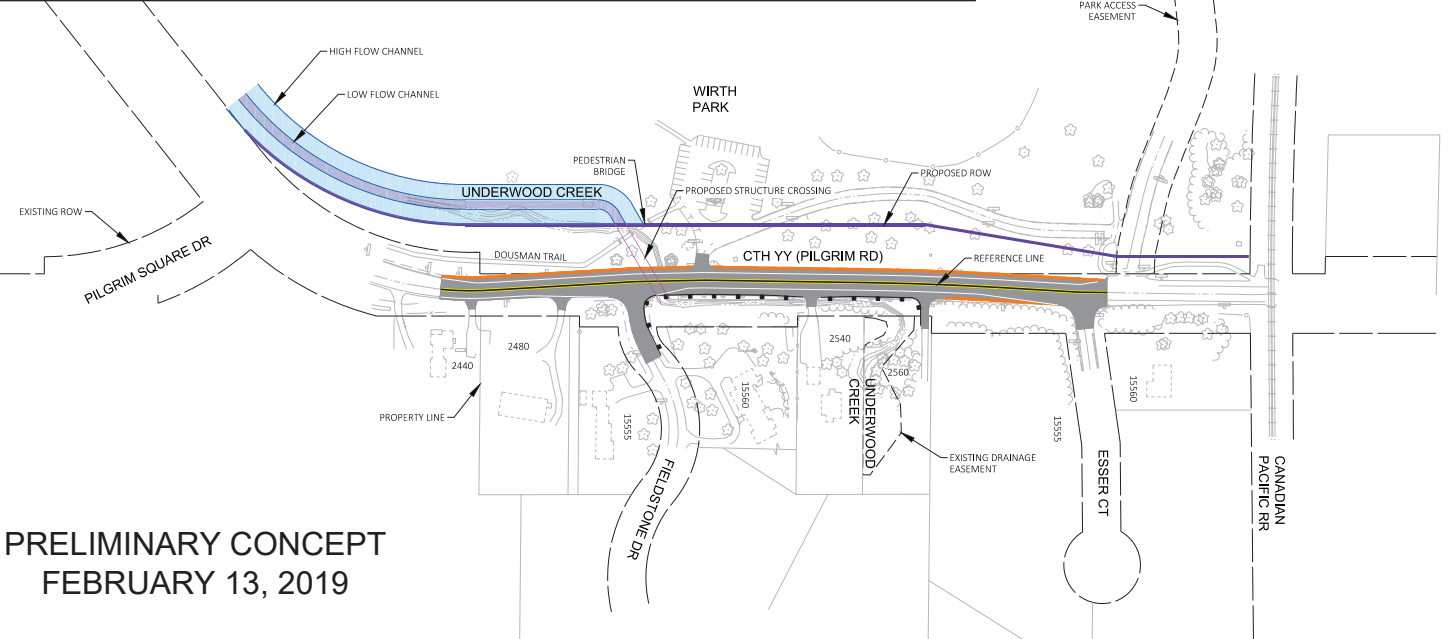
N17 W24222 Riverwood Drive, Suite 310
Waukesha, WI 53188

Mr. Philip Bain, PE
Ayes Associates
N17 W24222 Riverwood Drive, Suite 310
Waukesha, WI 53188

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SECTION VIEW



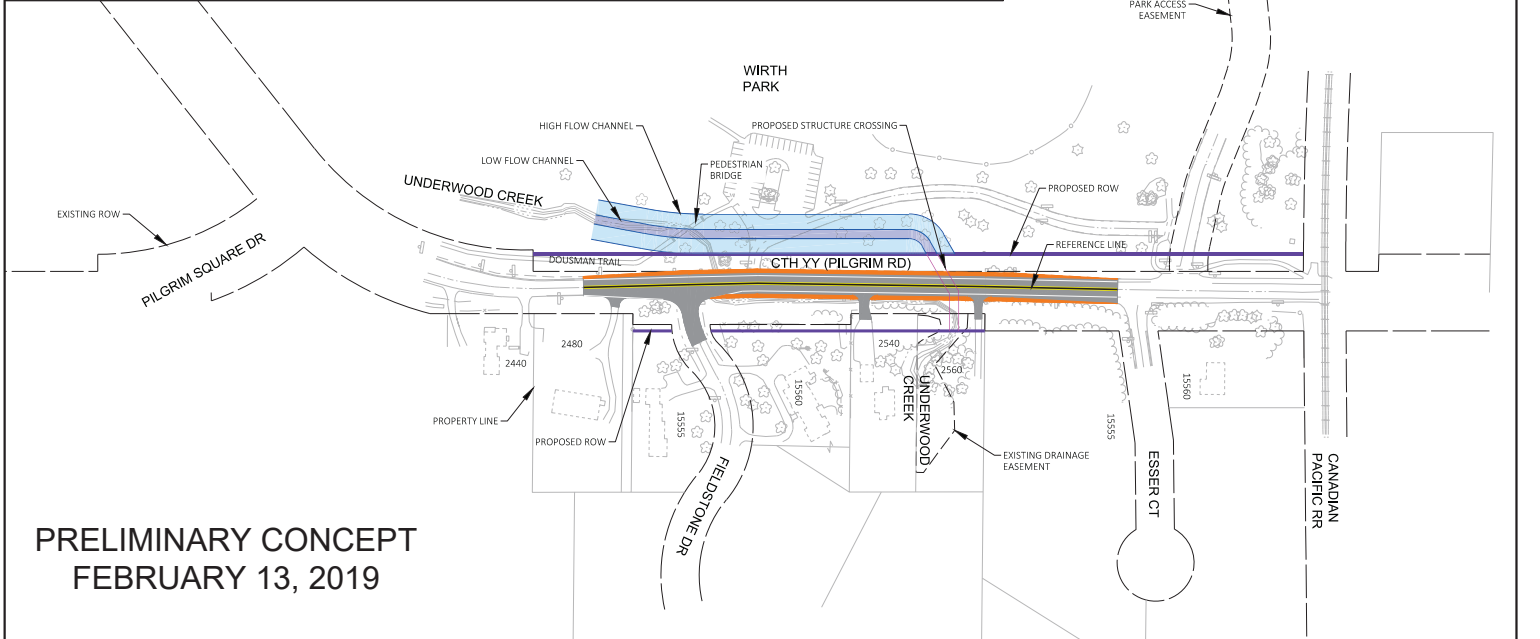
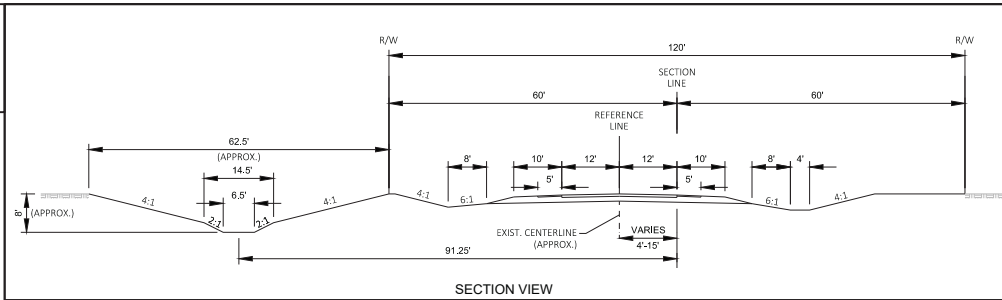
PRELIMINARY CONCEPT
FEBRUARY 13, 2019

PROJECT NO: 18-2782(16)	HWY: CTH YY	COUNTY: WAUKESHA	PRELIMINARY CONCEPT: UNDERWOOD CREEK IN EXISTING LOCATION	SHEET	E
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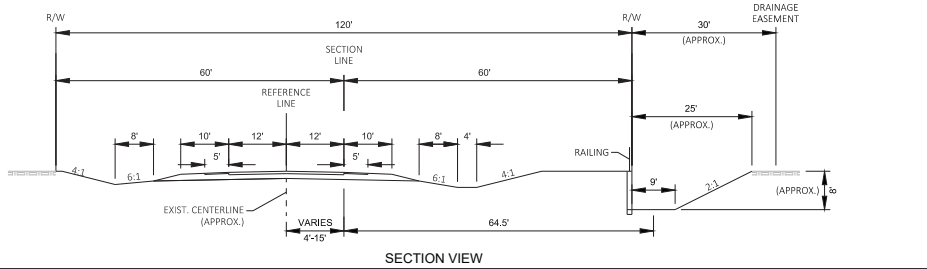
**PRELIMINARY CONCEPT
FEBRUARY 13, 2019**

PROJECT NO: 18-2782(16)	HWY: CTH YY	COUNTY: WAUKESHA	PRELIMINARY CONCEPT: UNDERWOOD CREEK MOVED WEST	SHEET E
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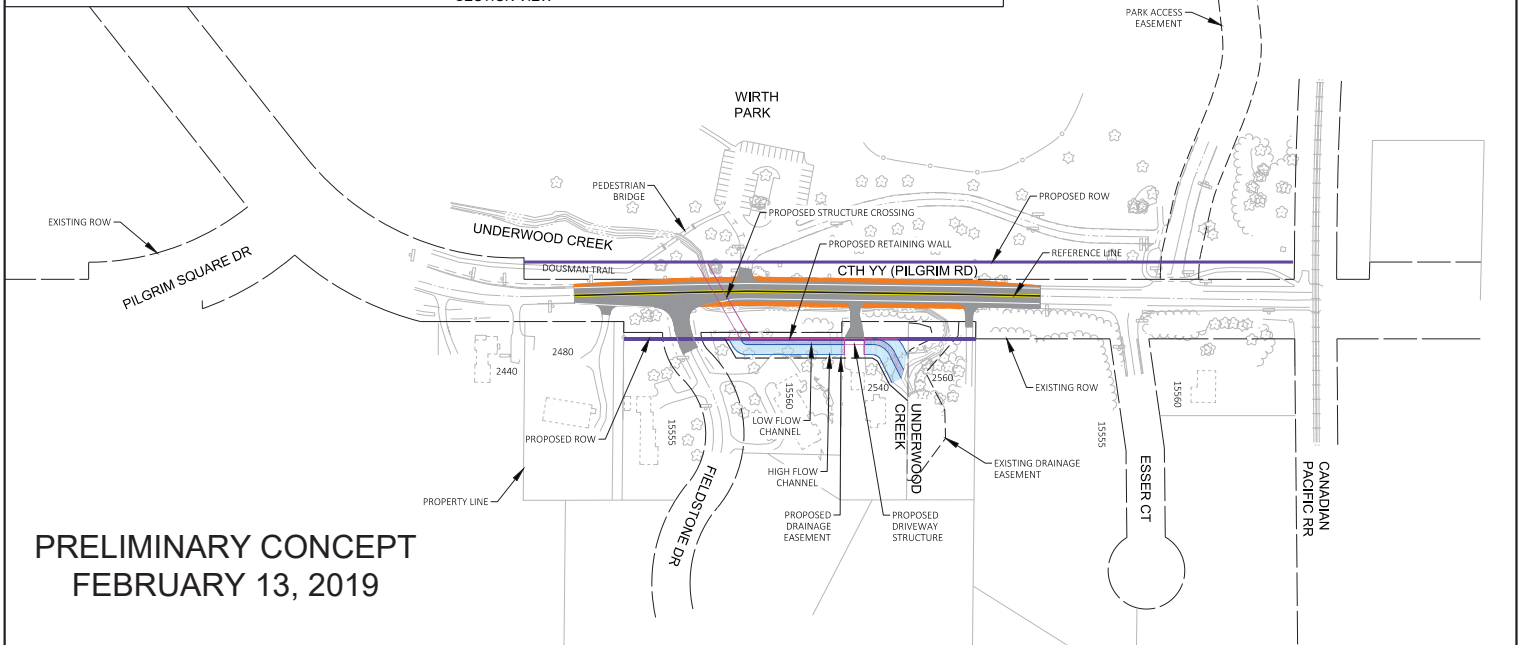
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SECTION VIEW



**PRELIMINARY CONCEPT
FEBRUARY 13, 2019**



PROJECT NO: 18-2782(16)

HWY: CTH YY

COUNTY: WAUKESHA

PRELIMINARY CONCEPT: UNDERWOOD CREEK MOVED EAST

SHEET

E

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