U.S. Department of Homeland Security
United States Coast Guard

BRIDGE PERMIT

AMENDMENT
(1a-12-13)

05 MAY 2014

WHEREAS by a permit issued on 9 March 2012, the Commandant of the Coast Guard approved the location and plans of a bridge to be constructed by the State of Washington across Lake Washington between Seattle and Medina, Washington, under authority of the General Bridge Act of 1946, as amended;

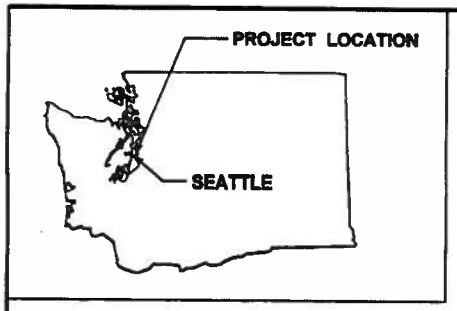
AND WHEREAS condition 1 of that permit provides that no deviation from the approved plans may be made either before or after completion of the structure unless the modification of said plans has previously been submitted to and received the approval of the Commandant and the - **STATE OF WASHINGTON** - now has submitted for approval plans indicating modification to the previously approved plans;

NOW THEREFORE, This is to certify that plan sheets 1, 2 and 3 (of 10) dated January 2014 hereby approved supersede plan sheets 1, 2 and 3 (of 10) dated February 2012 and supplement plan sheets 4, 5, 6, 7, 8, 9 and 10 dated February 2012 previously approved. In granting this approval, all conditions to which the original permit was subject remain in force with conditions 4 and 5 modified as follows:

4. Prior to commencement of construction, the permittee shall submit to the District Commander for approval, plans showing the final design chosen for the construction of the bridge. The final design chosen shall, at a minimum, provide the navigational clearances as shown on the approved plan sheets 3 (of 10) dated January 2014 and sheets 4 and 9 (of 10) dated February 2012. Failure by the permittee to adhere to any part of this condition renders this permit null and void.

5. The location of, and materials to be used in construction of, the pier protection fender system as shown on the approved plan sheets 3 (of 10) dated January 2014 and sheets 4, 6, 9 and 10 dated February 2012 shall be submitted to the District Commander for approval prior to commencing construction of such system.

Brian L. Dunn
Chief, Office of Bridge Programs
US Coast Guard
By direction of the Commandant



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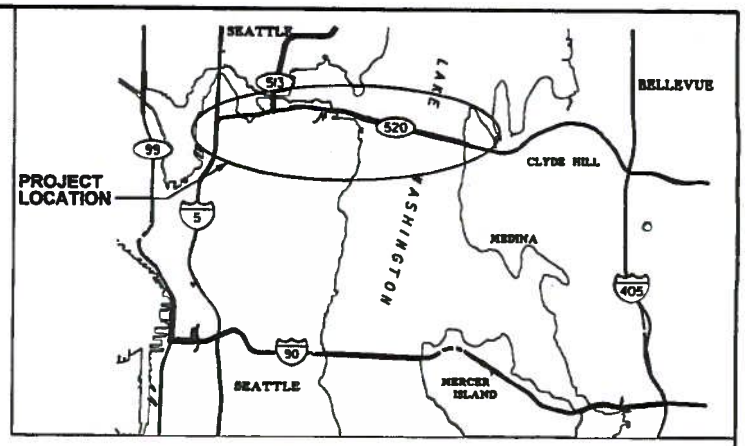
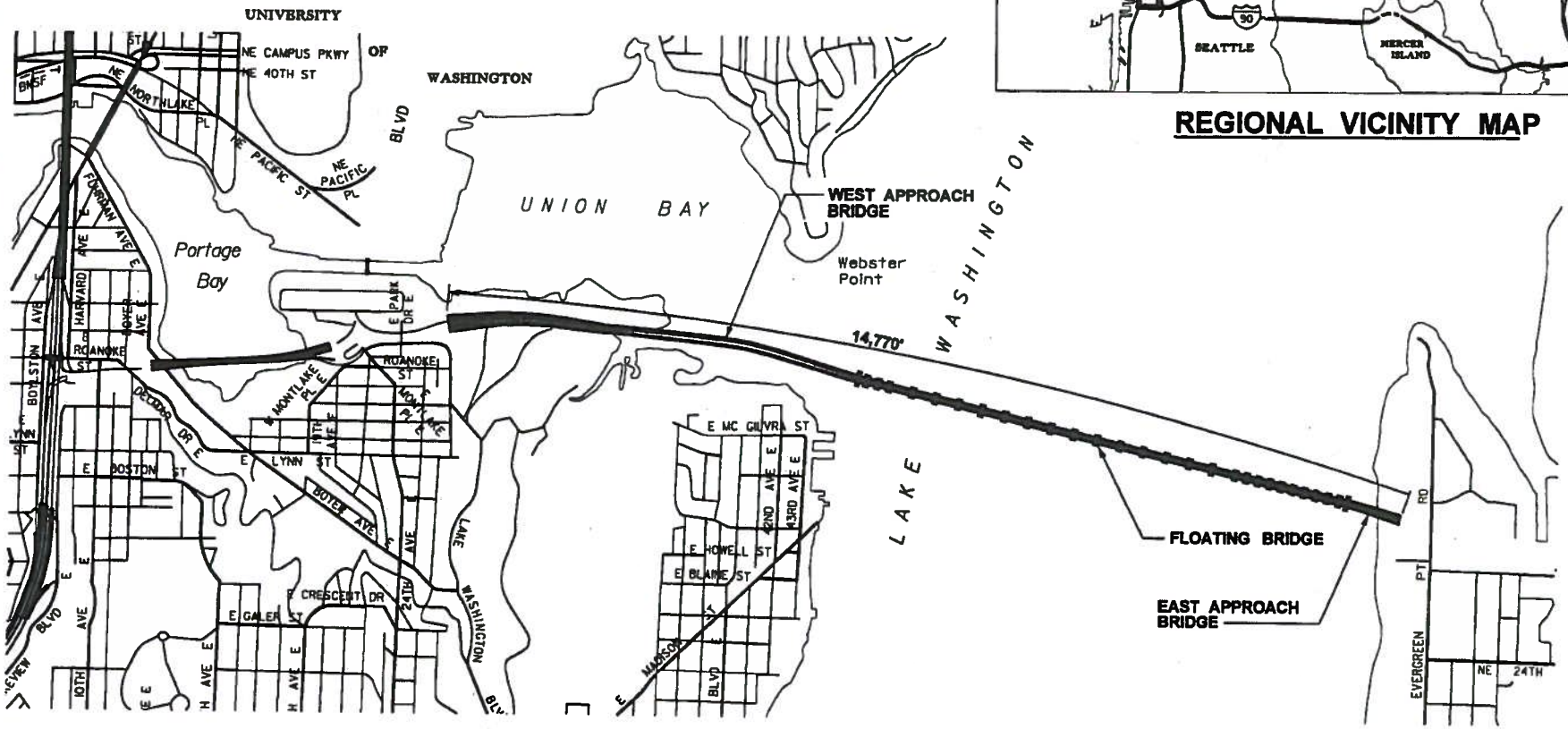
U.S.
COAST GUARD



REGIONAL VICINITY MAP



LOCAL MAP

NOTES:
1. APPROXIMATE DREDGE BELOW NHW=100,000 CY.
2. APPROXIMATE FILL BELOW NHW = 150,000 CY.

DATUM
NAVD 1988

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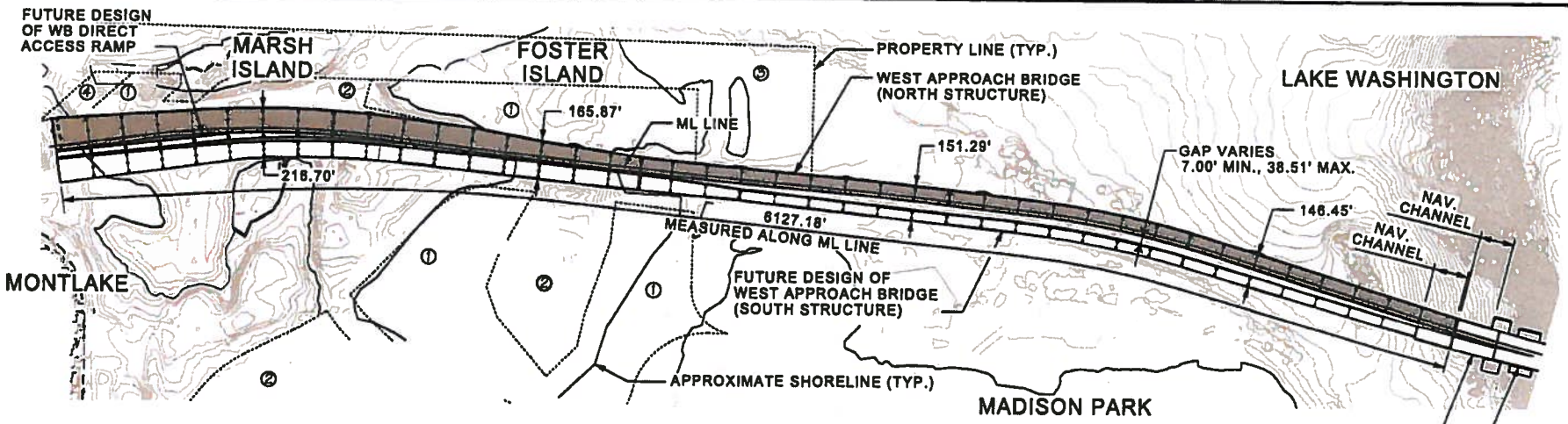
FEET

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION	
SR 520 BRIDGE REPLACEMENT & HOV PROGRAM LAKE WASHINGTON, FLOATING BRIDGE AND APPROACHES SEATTLE & MEDINA KING COUNTY STATE OF WASHINGTON	
APPLICATION BY: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION ROUTE: SR 520 DATE: JAN. 2014	SHEET 1 OF 10 SHEETS
VICINITY MAP	

UNITED STATES COAST GUARD BRIDGE PERMIT DRAWINGS

DATE: 1/24/2014 TIME: 2:21:07 PM PLOTTED BY: deguzma FILE NAME: PW:\CADDPro\WestsideCADD\Environmental\Coast Guard\Coast Guard Sheets\Set C - West Approach Bridge\PE2344_FB_PS_WA01.dgn



PLAN

PARCEL OWNERS:

1. UNIVERSITY OF WASHINGTON
2. SEATTLE PARKS
3. DEPARTMENT OF NATURAL RESOURCES (DNR)
4. ARBORETUM FOUNDATION

NOTES:

1. FOR NAVIGATION CHANNEL DIMENSIONS AND DETAILS, SEE SHEET 3 OF 10.
2. THE WEST APPROACH AND WEST TRANSITION SPAN STRUCTURES WILL BE DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATION, 6TH EDITION. VESSEL COLLISION WILL BE PER ARTICLE 3.14 WITH AN OPERATIONAL CLASSIFICATION OF "TYPICAL". THE LARGEST DESIGN VESSEL IS A DUAL 50-FT x 185-FT BARGE WITH A DWT OF 2650 TONS.

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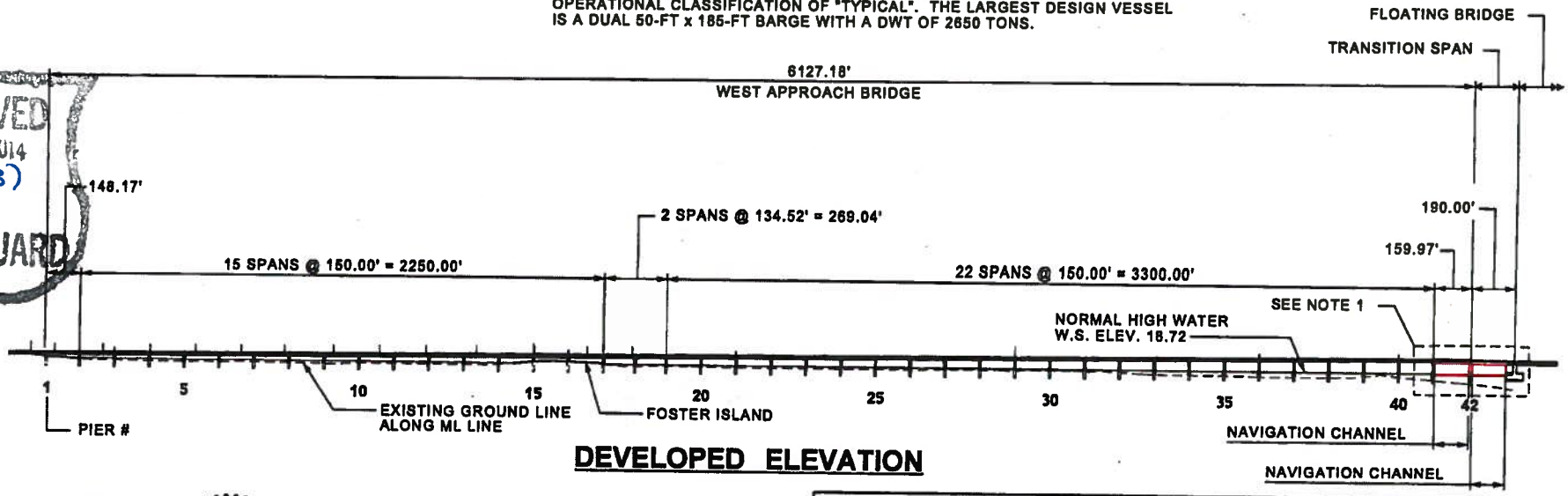


DEVELOPED ELEVATION

DATUM
NAVD 1988

N W E S

2-3-14

0 350 700
FEET

UNITED STATES COAST GUARD BRIDGE PERMIT DRAWINGS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

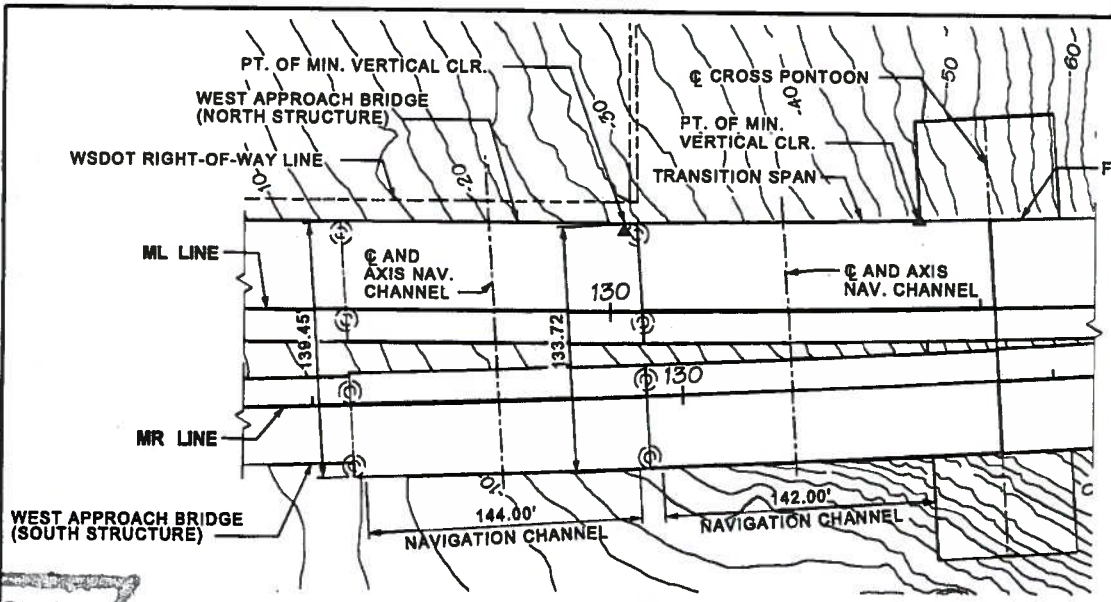
SR 520 BRIDGE REPLACEMENT & HOV PROGRAM
LAKE WASHINGTON, FLOATING BRIDGE AND APPROACHES
SEATTLE & MEDINA
KING COUNTY
STATE OF WASHINGTON

APPLICATION BY: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
ROUTE: SR 520 DATE: JAN. 2014

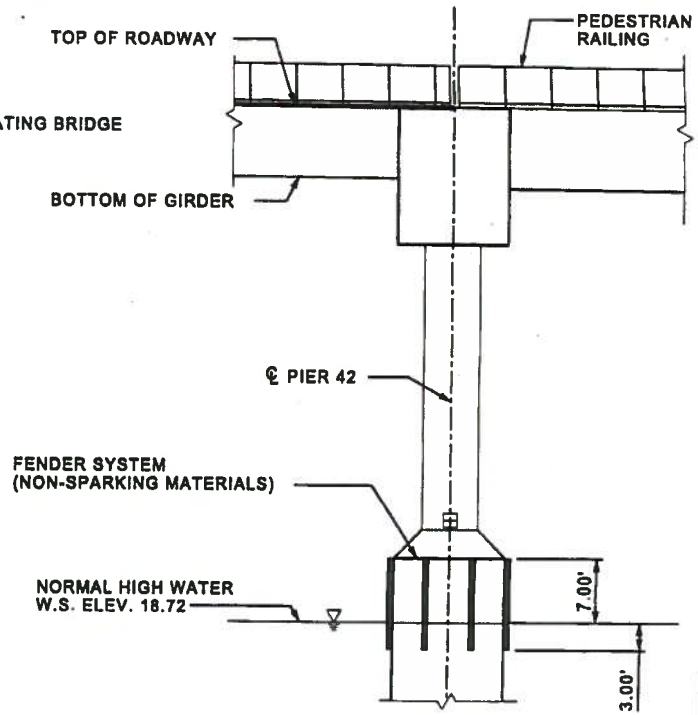
WEST APPROACH BRIDGE

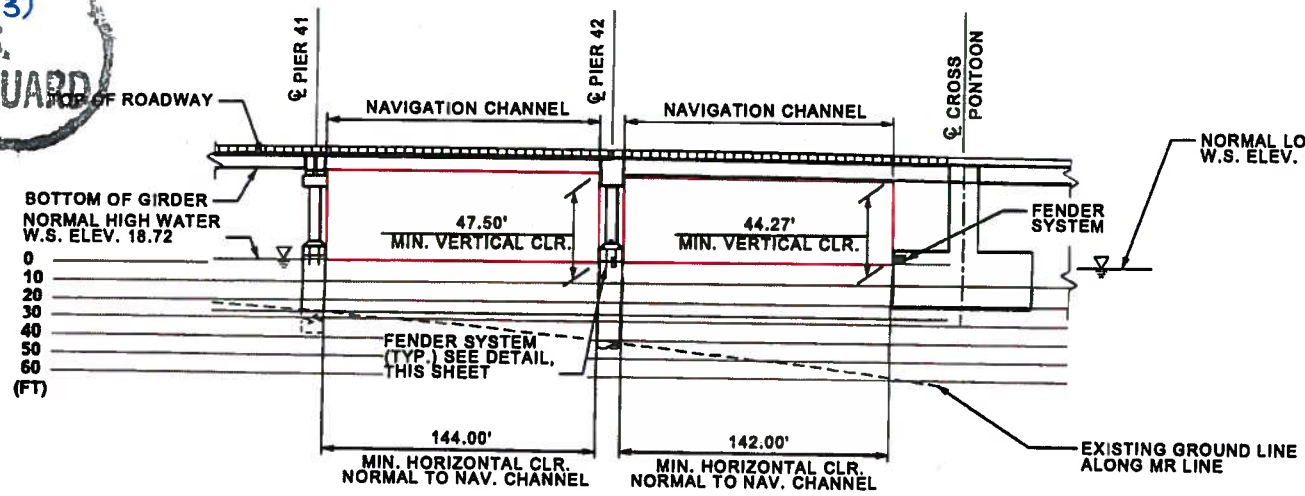
SHEET 2 OF 10 SHEETS

DATE: 1/24/2014 TIME: 2:29:33 PM PLOTTED BY: deguzma FILE NAME:PW:\CADOProj\WestsideCADD\Environmental\Coast Guard\Coast Guard Sheets\Set C - West Approach Bridge\PE2344_FB_PS_WA02.dgn



PLAN





REFLECTED DEVELOPED ELEVATION

APPROVED
05 MAY 2014
P(1a-12-13)
U.S. COAST GUARD

NOTE:

1. THE WEST APPROACH AND WEST TRANSITION SPAN STRUCTURES WILL BE DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATION, 6TH EDITION. VESSEL COLLISION WILL BE PER ARTICLE 3.14 WITH AN OPERATIONAL CLASSIFICATION OF "TYPICAL". THE LARGEST DESIGN VESSEL IS A DUAL 50-FT x 185-FT BARGE WITH A DWT OF 2650 TONS.

DATUM
NAVD 1988

N E S W

2-3-14

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FEET

UNITED STATES COAST GUARD BRIDGE PERMIT DRAWINGS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

SR 520 BRIDGE REPLACEMENT & HOV PROGRAM
LAKE WASHINGTON, FLOATING BRIDGE AND APPROACHES
SEATTLE & MEDINA
KING COUNTY
STATE OF WASHINGTON

APPLICATION BY: WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
ROUTE: SR 520 DATE: JAN. 2014

WEST APPROACH BRIDGE

SHEET 3 OF 10 SHEETS

DATE: 1/24/2014 TIME: 2:36:57 PM PLOTTED BY: deguzma FILE NAME: PW:\CADDProj\Westside\CADD\Environmental\Coast Guard\Coast Guard Sheets\Set C - West Approach Bridge\PE2344_FB_PB_WA03.dgn