

RESOLUTION NO. 1651

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF FIFE, PIERCE COUNTY, WASHINGTON AUTHORIZING THE PAYMENT OF \$332,541 TO WSDOT FOR UTILITY WORK PERFORMED BY WSDOT ON THE I-5 PORTLAND AVENUE TO PORT OF TACOMA ROAD – NB NOV PROJECT FOR THE BENEFIT OF THE CITY

WHEREAS, pursuant to the Letter of Understanding I-5 Portland Avenue to Port of Tacoma Road – NB NOV between the City of Fife and WSDOT, approved by the Council by Resolution No. 1421, the City and WSDOT executed a Local Agency Participating Agreement (the “LAPA”); and

WHEREAS, the LAPA requires the City to reimburse WSDOT for the construction cost for certain utility work performed by WSDOT on the I-5 Portland Avenue to Port of Tacoma Road – NB NOV project for the benefit of the City; and

WHEREAS, pursuant to the LAPA, WSDOT has awarded a contract for the project that includes installation of utility hanger inserts and providing block outs on its northbound Puyallup River Bridge for the installation of City owned utilities, and WSDOT has sent the City an itemized invoice for \$332,541 for the contract costs associated with such City utility work; and

WHEREAS, the Public Works Director has reviewed the invoice and determined that the construction costs are reasonable for construction of the City utility work in accordance with the approved plans and specifications; now therefore

BE IT RESOLVED that the Fife City Council hereby authorizes the payment to WSDOT of \$332,541 for installation of utility hanger inserts and providing block outs on its northbound Puyallup River Bridge for the installation of City owned utilities, pursuant to the invoice attached hereto as Exhibit A, upon inspection and confirmation by the Public Works Director that the work was constructed in accordance with the plans and specifications.

ADOPTED by the City Council at an open public meeting held on the 24th day of February, 2015.



Tim Curtis, Mayor

Attest:



Carol Etgen, City Clerk



WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
BRIDGE AND STRUCTURES OFFICE

Project Portland Ave to POT NB Task Fife Sewer Sheet No 2
 SR 5 Made By AJM Chk'd by MHB Date 1/21/15 of Sheets 3

Code
Reference

Cost Estimate

Deck Inserts
Materials

Anvil Fig. 286 for 1.5" dia. rod
 Insert Cost \$316.00 Anvil Price List, 5/2014
 # Inserts 728

Anvil Fig. 152
 Insert Cost \$30.00 Anvil Price List, 5/2014
 # Inserts 12

Meadowburke MX-3
 Insert Cost \$30.00 Similar to Anvil Fig. 152
 # Inserts 268

Labor (Field inserts only)

Installation time 2.0 minutes
 Duration 24.7 hours
 Prevailing wage for Carpenter in Pierce County
 Labor rate \$50.82 per hour

Cost

Materials \$238,448
 Labor \$1,254
 Cost \$239,702

Blockout Reinforcing

Materials and Labor

Use 4 6' long #5 bars 25 lbs/per face

Abutment backwalls 2
 faces ea 2

End Diaphragms 6
 faces ea 2

Interm. Diaphragms 30
 faces ea 1

Pier Diaphragms 6
 faces ea 2

Use 20' of #5 bars at hanger locations
 21 lbs/per hanger
 364 hangers

Weight of reinforcing 10544 lbs
 St. Reinf. Bar \$1.00 per lb, labor and materials
 Cost \$21,088

EXHIBIT
 " A "



WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
BRIDGE AND STRUCTURES OFFICE

Project	Portland Ave to POT NB	Task	Fife Sewer	Sheet No	3	Code Reference			
SR	5	Made By	AJM	Chk'd by	MHB		Date	1/21/15	of Sheets

Prestressing strand
Materials

0.6" ø Strand

Unit Weight: 740 lbs/1000ft

Girder	#	Length (ft)	Wt (lbs)
1G	2	168	249
1H	2	167	247
1K	2	163	241
1L	2	162	240
2G	2	198	293
2H	2	197	292
2K	2	194	287
2L	2	193	286
3G	2	177	262
3H	2	175	259
3K	2	170	252
3L	2	168	249
7I	1	149	110

Total weight: 3266 lbs
 Insert Cost \$5.00 \$/lb
 Cost \$16,328

Total Cost

Subtotal \$277,118
 Profit and Contingency 20%
 Subtotal \$332,541



WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
BRIDGE AND STRUCTURES OFFICE

Project Portland Ave to POT NB Task Fife Sewer Sheet No 1
 SR 5 Made By AJM Chk'd by MHB Date 1/21/15 of Sheets 3

Code
Reference

Items to be charged to City of Fife

Anvil Fig. 286 Concrete Insert - 1 1/2" dia. (in bridge deck) (with blanket sole-source approval through 2015)	728	EA
Anvil Fig. 152, Powerstrut Insert PS 152, Dayton Superior F5 Insert or equal (in bridge deck)	12	EA
Meadowburke MX-3 Hi-tensile, Williams F22 Open Ferrule, Dayton-Superior F-62 Flared thin slab insert, or approved equal - 1" dia. (in PCPS girders)	268	EA
Steel Reinf. Bar (for superstructure, in diaphragms and deck)	10544	LBS
Prestressing Steel (0.6" dia. Gr 270 low-relaxation, in PCPS girders)	3266	LBS

- These items will not be broken out in any bid item, they will be set at a fixed price with Fife
- The savings from any reduction in concrete at blockouts is assumed to be offset by additional forming cost
- Steel reinforcing bar and concrete class 4000(D) changes will not be updated in the bridge quantities
- Insert quantities can be broken down 40% to Tacoma, 60% to Fife