

DEPARTMENT OF PUBLIC WORKS - CITY OF ST. PAUL, MINNESOTA  
 PROJECT ESTIMATE (BRIDGE)

IDENTIFICATION

Proj. No. \_\_\_\_\_ L-No. \_\_\_\_\_ MSA No. \_\_\_\_\_ Bond No. \_\_\_\_\_

Project Title: **WALNUT ST.**  
*Summit to Pleasant*

Project Description: **STAIRWAY** Program Year \_\_\_\_\_

DESIGN CRITERIA

Struct. Length \_\_\_\_\_ No. Spans \_\_\_\_\_  
 Vert. Clearance \_\_\_\_\_ Horz. Clr. \_\_\_\_\_  
 Width: Rdwy. \_\_\_\_\_ Walks \_\_\_\_\_  
 Islands \_\_\_\_\_ Total \_\_\_\_\_  
 Type of Struct. \_\_\_\_\_  
 Other \_\_\_\_\_

*Replace in kind. Replace masonry wall and north end of sidewalk with concrete - Replace Irvine St.*

*Maintain original appearance & include ornamental cast iron railing*

EXISTING CONDITIONS

Purpose \_\_\_\_\_  
*Conc & Masonry*  
*stairs in need of replacement*

Exist. Structure \_\_\_\_\_

*Rgh*

ESTIMATE

Major Items	Quantities	Unit Cost	Non Contract	Total
Excavation	Cyds.			
Embankment	Cyds.			
Surface Area	Sq. Yds.			
<i>Remove Existing Stairway</i>	<i>one</i>	<i>Lump Sum</i>		<i>1500 -</i>
<i>Remove Existing Rein Walk</i>	<i>10 C.Y.</i>	<i>50 -</i>		<i>500 -</i>
<i>Remove Existing Irvine Stairway</i>	<i>3 C.Y.</i>	<i>300 -</i>		<i>900 -</i>
<i>Conc 3446A</i>	<i>30 C.Y.</i>	<i>400 -</i>		<i>12000 -</i>
<i>New Railing</i>	<i>180 L.F.</i>	<i>60 -</i>		<i>10800 -</i>
<i>New Wall</i>	<i>60 C.Y.</i>	<i>120 -</i>		<i>7200 -</i>
<i>Aggregate Back fill</i>	<i>55 C.Y.</i>	<i>15 -</i>		<i>800 -</i>
<i>Lighting</i>			<i>1000 -</i>	
			<i>1000 -</i>	<i>33700 -</i>
				<i>5000 -</i>
				<i>38700 -</i>
				<i>3500 -</i>
				<i>800 -</i>
				<i>1000 -</i>
				<i>43800 -</i>

*This may have been an insensitive repair - leading to faster deterioration*

APPROVALS

Estimated By *RSY*

Date *6/24/26*

Proj. No. \_\_\_\_\_ Proj. Title Walnut St. Stairways  
 Estimated by REG. Date 6/24 1976 Sheet 2 of 2

Rough ESTIMATE

Item	Quantities	Unit Cost	Non Contract	Total
Remove Existing Stairway	Lump Sum	1500 -		1500 -
Remove Existing Reinf. Walks $.33 \times 6 \times 99 = 196 \text{ CF}$ $.33 \times 2 \times 99 = 65 \text{ CF}$	10 Cu. Yds	30 -		300 -
Remove Existing Irving Stairway $4.33 \times .42 \times 4 = 7.27$ $.58 \times 1 \times 4 = 2.32$ $2.5 \times 1 \times 4 = 10.00$ $2 \times 2.25 \times 1 \times 4 = 18.00$ $.42 \times 4 \times 13 = 21.8$ $.25 \times 4 \times 13 = 13$	72.4 } 3 Cu Yds.	300 -		900 -
Conc 3Y46A new walks $.5 \times 6 \times 99 = 297$ $.5 \times 2 \times 99 = 99$				
New Irving Stairs $4.33 \times .5 \times 5 = 10.8$ $5 \times 1 \times 5 = 25$ $2.5 \times 1 \times 5 \times 3 = 37.5$ $.5 \times 5 \times 13 = 32.5$ $.25 \times 5 \times 13 = 16.3$	79.3 } 30 Cu Yds	350 -		10500 -
New stairs $.5 \times 6 \times 50 = 150$ $.25 \times 6 \times 50 = 75$ $.5 \times 2 \times 50 = 50$				
New Railing - Cast Iron posts - pipe rails	180 L.F.	55 -		9900 -
New Wall $32 \times 10 \times 5 = 1600 \text{ CF}$	60 Cu Yds	60 -		3600 -
Aggregate Back Fill = $2 \times 5 \times 150$	55 Cu Yds	15 -		800 -
Sub-totals (carry forward to front sheet)				27500 -