



Legislation Details (With Text)

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Title: Consideration of and action on the selection of one of the options for the repair/placement of the arches/columns at the entrance to the Court and Theatre Building from Carnes Engineering, Inc.

Sponsors:

Indexes:

Code sections:

Attachments: 1. Deer Park Courthouse Inspection Report and Analysis final

Date	Ver.	Action By	Action	Result
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Consideration of and action on the selection of one of the options for the repair/placement of the arches/columns at the entrance to the Court and Theatre Building from Carnes Engineering, Inc.

Summary:

Damage to one of the columns occurred during a charity event that was taking place at the Court and Theatre Building. Parks and Recreation staff was asked to make repairs to the damaged tile located on the column. During the repairs, the contractor making the repair brought to the attention of staff that the interior of the column showed signs of significant deterioration. It was recommended that staff look into this matter further. After several weeks of discussion and investigation, City staff contracted with Carnes Engineering, Inc. to conduct an initial structural assessment of the Court and Theatre Building columns located on the East side of the building. After the initial structural assessment, City staff requested that Carnes provide the City with several repair recommendations. It was determined that excessive moisture and the construction design led to the deterioration of the structural integrity of the columns.

Discussion is to determine next steps in repairs related to the Court and Theatre Building columns.

Fiscal/Budgetary Impact:

Summary of repair options :

Repair in Kind. (Estimated cost - \$ 88,761.00)

1. Remove the exposed light gauge steel framing.
2. Repair structural steel.
3. Clean and paint the new and remaining structural steel.

4. Replace Light gauge and Install moisture resistance substrate.
5. Replace the reusable thin stone cover.
6. Replace and caulk stone as needed. *

Remove outside wall and repair remaining. (Estimated cost - \$ 66,205.00)

1. Remove the exposed light gauge steel framing.
2. Leave and water proof the glass canopy.
3. Repair structural steel.
4. Clean and paint the new and remaining structural steel.
5. Replace Light gauge and Install moisture resistance substrate.
6. Replace the reusable thin stone cover.
7. Replace damaged stone as needed.

Remove three walls including glass canopy. (Estimated cost - \$ 52,950.00)

1. Remove all exterior light gauge steel framing.
2. Remove structural steel.
3. Remove the glass canopy.
4. Replace damaged stone as needed.

Install drainage system in front of building to remove rainfall runoff (Estimated cost - \$ 19,500.00).

Approval of repair option from Carnes Engineering, Inc.