

BRIDGE REPLACEMENT

FAU 7374 (Center St.) over Stevens Creek

Purpose of Public Notice:

- ✓ Provide the general public with the opportunity to review the proposed improvements.
- ✓ Provide the general public with the opportunity to ask questions and discuss any concerns regarding proposed project.
- ✓ Provide the general public with the opportunity to comment on the project.

Proposed Project: Replace existing deficient bridge

- The existing bridge on Center Street was built in 1957 and rehabilitated in 1990. It is 121'-0" long and has three spans that are constructed with precast prestressed deck beams. The concrete beams are supported on concrete piers and spill-thru abutments. The bridge has a width of 30 feet, with a traveled way of 24 feet, containing only one lane of traffic in each direction.
- Recent inspections show significant deterioration of structural members. The deficiencies of the bridge result in a sufficiency rating of 33.2 out of 100, which makes the bridge eligible for replacement using federal and local funds.
- Deficiencies / Need for Replacement:
 - North half of bridge currently closed. Single-lane traffic.
 - Poor condition of concrete deck beams.
 - Poor condition of concrete pier caps.
 - Serious condition of east ends of Beams 3, 5, and 11 in the West Span.
 - Poor alignment with the channel causing scour in front of the west slopewall.
 - Lack of proper channel protection.
 - Debris build-up from poor alignment causing aggradation in the area under the bridge.

Proposed Project Facts:

- Center Street to be closed completely at the bridge during construction
 - Road closure estimated to be 5-6 months occurring from late spring to early winter.
 - Local traffic will use local/state routes as detour during construction.
 - Bridge condition and site constraints make staged construction very difficult and cost prohibitive.
- Tree removal may be required
 - Project team will limit construction to minimize impacts to trees.
- Right-of-Way (ROW) from adjacent landowners may be required.
 - Project team will limit construction area to minimize additional ROW.
 - Currently, temporary easements in channel area only.
- Project Cost
 - Project cost is approximately \$1,400,000.
 - 80% will be paid for utilizing federal funds.
 - 20% will be paid for utilizing local funds.

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Anticipated Remaining Project Schedule:

- ⇒ **Public Notice – August 2020**
 - Review public comments and prepare final design report
- ⇒ **Submit Design Report – September 2020**
 - Submit final design report to IDOT for approval.
- ⇒ **Final Design – November 2020**
 - Finalize design plans and bid documents for Center Street improvement.
- ⇒ **Letting – March 5th, 2021**
 - Advertise/award contract to low bid by IDOT approved contractors.
- ⇒ **Start Construction – Spring/Summer 2021**
 - Complete construction. Road closures and detour routes in effect.
- ⇒ **Complete Construction – Fall/Winter 2021**
 - Reopen Center Street for public use.

On behalf of the Project Team, we look forward to receiving your input regarding this important bridge replacement project. Feel free to contact Paul Caswell, City Engineer, at 217-424-2747. Additional information can be found on the City's Website at <https://www.decaturl.gov/departments/public-works/center-street-bridge/>