



## PARTNERING WITH LOCALS

ODOT, County Engineer's Association and Municipalities to invest in Ohio's local bridges

- ODOT worked closely with the Ohio General Assembly and CEAO to advance program
- Ohio's Municipalities
- Ohio Contractors Association
- ACEC
- MPOs



3

## OHIO BRIDGE PARTNERSHIP PROGRAM

**228 Bridges sold in 4 years – 217 complete**

- EXPECTATION was to deliver safe, quality bridges with no-nonsense, project delivery to construction approach
- Design-Build and sold in packages
- Consultants hired to support effort
- Established multi-disciplinary team to address program issues



4

## FUNDING

Eligible bridges funded with 100% federal dollars – no local match required \$130 M- Development/Construction of Bridge Projects

- \$130 M Construction
  - 80/20 split = Federal Garvee Bond/TRC
- PMC/Preliminary Engineering Contracts - \$4.8M
- ROW Acquisition Contracts - \$1.4M
- ROW Purchases - \$1M
- Construction Administration Contract - \$3M
- ODOT Support (design, inspection, geo-tech)



5

## BRIDGE SELECTION CRITERIA

- Structurally Deficient
- Meets Federal Definition (greater than 20 ft.)
- Carries Vehicular Traffic and Open
- Local Maintenance Responsibility
- Not funded by other programs
- Non-Complex Environmental



6

## BRIDGE SELECTION CRITERIA

Since we did not have funding to replace 1000 local bridges, ODOT established a ranking criteria.

Ranking criteria included:

- 🕒 Bridge Condition
- 🕒 ADT
- 🕒 Percent Legal Load



7

## DESIGN-BUILD SCOPES

Type of Projects:

- Simple bridge replacements
- Very limited roadway work
- Generally the road was detoured
- Typically small single span bridges



8

## DESIGN-BUILD SCOPES

### Information that was supplied:

- ④ Boring Logs
- ④ Survey Control
- ④ ROW limits
- ④ Preliminary profile



9

## DESIGN-BUILD SCOPES

### Type of Bridges:

- ④ Acceptable bridge types will be very open.
- ④ Scopes will generally not mandate a structure type.
- ④ Some scopes may prohibit a structure type.
- ④ Generally these bridges will be in the 30-60 ft. span range.



10

## OHIO BRIDGE PARTNERSHIP PROGRAM

- 🕒 These bridges still belong to the County and Cities.
- 🕒 Locals have input in the Scopes.
- 🕒 Locals will not get “gold plated” projects.
- 🕒 Some local preferences will be accommodated.
- 🕒 Target of this program is to remove over 200 structurally deficient bridges in the State.



11

## OHIO BRIDGE PARTNERSHIP PROGRAM

### Total bridges to be replaced statewide:

- SFY 14 – 30 bridges in 9 packages valued at \$12M - complete and open
- SFY 15 – 80 bridges in 31 packages valued at \$31.2M
- SFY 16 – 84 bridges in 39 packages valued at \$37.8M
- SFY 17 – 21 bridges in 11 packages valued at \$9.5M
- SFY 18 & 19 - 11 bridge replacements



## OHIO BRIDGE PARTNERSHIP PROGRAM

### Lessons Learned:

- Fast pace development and construction schedule - "more time was needed early in process." –not a problem in 2015-2017
- Bridges were simple construction with minimal issues – "Contractors did a great job."
- Locally owned bridges, locals remain responsible for inventory even though they were ODOT-let.
- Weather impacted paving of later projects.
- Most locals received bridges at no cost



13

## COST SAVINGS

- Projects typically in close proximity to each other – mobilization
- Provided a variety of package sizes to accommodate both large and small contractors – better range of bids



14

## SUCCESSFUL APPROACH

- Consistent approach to project development
- Timeframe for getting projects to construction
- Available funding and bridges to make it an efficient process
- 200<sup>th</sup> bridge complete in Fall 2017

