

OHIO DEPARTMENT OF TRANSPORTATION

Reference Documents appendices are provided for informational purposes only. The Department makes no representation or warranty as to the accuracy, adequacy, applicability, or completeness of the Reference Documents. Except to the extent set forth to the contrary in the Contract Documents, reliance upon the Reference Documents shall be at the Proposer’s risk, and the Department shall have no liability or obligation as a result of the inaccuracy, inadequacy, inapplicability, or incompleteness of the Reference Documents, regardless of the contents thereof.

Contractual Appendices in the Document Inventory are considered binding obligations of the DBT. The DBT shall meet requirements identified in the Contractual Appendices and shall implement the Work in accordance with these requirements.

The Offerors (i.e. prospective Design-Build Teams) shall examine the information provided in the Document Inventory to determine if the information accurately depicts existing field conditions.

The following existing plans are considered part of the Document Inventory and are available for review:

- [FAY-35-3.44 \(1991 Allen Rd Signal\)](#)
- [Factory Shops Blvd Signal \(1993\)](#)
- [FAY-35-3.17 \(1999 FAY-435 Signals Interconnect\)](#)
- FAY-35-2.57 (2000 Relocation of 35)
- FAY-71-0.00 (2022 Reconstruction of 71)
- FAY-71-3.75 (2006 Lighting)
- FAY-435-1.05 (2012 Resurfacing of 435 and 35)
- FAY-435-0.97 (2016 Reconstruction of 435)
- D06 STW CCTV FY17 (2017 ITS Project)
- FAY-35-4.52 (2020 Resurfacing of 35)
- Bluegrass Blvd Phase 1 (2020)
- FAY/PIC-SSR-FY21 (2020)
- [FAY-SYS SIGN REPLACE-FY20 \(2020\)](#)
- [Temporary Signal at SR-435 and Bluegrass Blvd \(2023\)](#)

Commented [AH1]: Added in response to PBQ #3.

Commented [AH2]: Added in response to PBQ #3

The plans identified in the Document Inventory are not as-built plans. All existing plans are considered Reference Documents.

In addition to the existing plans, appendices to the Scope of Services are listed in the Document Inventory and posted on the FTP site.

<ftp.dot.state.oh.us - /pub/Contracts/Attach/FAY-117955/Appendices/>

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Table 1-10: Document Inventory

Appendix #	Appendix Title	Contractual/Reference Designation
A	Existing Plans	Reference

Deleted: August 30, 2023August 25, 2023August 21, 2023August 16, 2023August 8, 2023July 20, 2023

All barrier reflectors shall conform to Item 626 and shall be placed on bridge parapets, concrete barrier walls, retaining walls and guardrail, in accordance with current design standards. Guardrail blockout reflectors shall be installed on the side of the blockout away from traffic.

E. Object Markers:

All object markers shall conform to Item 630, Sign, Flat Sheet.

18.2 Signing

The DBT shall perform Work related to signs in accordance with Section 7.1 and the following sections.

Overhead signage indicating that the outermost through lane is for I-71 NB, shall be installed along SR-435 WB; [see 18.2.5 for more information](#).

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If a raised splitter island is available on the left-hand side of a multi-lane roundabout approach, an additional YIELD sign shall be placed on the left-hand side of the approach.

At roundabouts, Intersection Lane Control (R3-5, R3-6, and R3-8 series) signs shall display the standard arrows shown in OMUTCD Figure 2B-5.

Where the central island of a roundabout allows for the installation of signs, ONE WAY signs shall be used instead of or in addition to Roundabout Directional Arrow (R6-4 series) signs (see OMUTCD Section 2B.43) to direct traffic counter-clockwise around the central island.

Where the central island of a roundabout allows for the installation of signs, Roundabout Directional Arrow (R6-4 series) signs (see Figure OMUTCD 2B-20) shall be used in the central island to direct traffic counter-clockwise around the central island, except as provided in Paragraph 11 in OMUTCD Section 2B.40.

If an approach to a roundabout has a statutory or posted speed limit of 40 mph or higher, the Circular Intersection (W2-6) symbol sign with an advisory speed plaque shall be installed in advance of the circular intersection.

At locations where it is not readily apparent that traffic is required to keep to the right, a Keep Right (R4-7) sign shall be used.

Signage indicating lane assignment for the SB entrance of the roundabout shall be provided, specifically directing motorists that the bypass lane is for motorists headed towards I-71, and SR-435 EB (left-turn) should be utilized to access US-35 EB.

18.2.1 Flat Sheet Signs

[All flat sheet signs within the project limits shall be reused if determined to be included in the final design.](#) Size [proposed](#) signs in accordance with the OMUTCD.

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Deleted: This also includes all STOP signs on intersecting roads.

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[Removed flat sheet signs shall become the property of the Contractor.](#)

Deleted: <#>Flat sheet signs located along the interchange ramps at SR-435/I-71 & SR-435/US-35 shall be reused (if determined to be included in the final design)¶

Deleted: August 30, 2023August 25, 2023August 21, 2023August 16, 2023August 8, 2023July 20, 2023

18.2.2 Extrusheet Signs

Redesign and replace all existing extrusheet signs with new signs. This includes all signs on the mainline and interchanges ramps. Size the signs in accordance with the OMUTCD.

Removed extrusheet signs shall become the property of the Contractor.

18.2.3 Ground Mounted Post Supports

Redesign and replace all existing ground mounted post supports with new supports for signs being relocated or replaced by the project. Do not disturb existing supports for signs that do not need to be relocated or replaced. All sign installations shall be on new supports.

Removed ground mounted supports shall become the property of the Contractor.

18.2.4 Ground Mounted Beam Supports

Redesign and replace all existing ground mounted beam supports with new ones. Supports subject to multidirectional impacts at intersections shall use the alternate connection on sizes larger than S4 x 7.7.

Removed ground mounted beam supports shall become the property of the Contractor.

Remove all existing foundations.

18.2.5 Overhead Supports

Design all location of all supports per the Traffic Engineering Manual unless otherwise specified in the Scope of Services.

At all locations, a minimum vertical clearance shall be per the Traffic Engineering manual unless otherwise listed.

The DBT shall install a cantilever overhead sign just west of the Allen Rd/SR-435 intersection along SR-435 WB that has the I-71 shield and "NORTH" with an arrow pointing downwards into the outermost through lane.

Removed overhead supports and sign lighting components shall become the property of the Contractor.

- US-35 East to Washington CH located at existing ramp gore (approximate STA. 70+75)
 - Remove and replace entirely (both sign and support) if impacted by final design
- US-35 East to Washington CH (approximate STA. 64+75)
 - Remove and replace sign only. Reuse support
- I-71 South to Cincinnati located in concrete median just east of FAY-71-0377R
 - Relocate if required by final design and reuse existing support and sign
- I-71 South to Cincinnati located just east of the 71 SB entrance ramp intersection with SR-435
 - Impacts to this sign are not anticipated, but if impacted by final design the DBT shall relocate and reuse existing support and sign

Deleted: August 30, 2023 August 25, 2023 August 21, 2023 August 16, 2023 August 8, 2023 July 20, 2023

18.3 Lighting

The DBT shall perform Work related to lighting in accordance with Section 7.1 and the following sections.

The DBT shall provide lighting for the proposed roundabout (including bypass lanes) in accordance with TEM 1140-4.6.10. The roundabout intersection shall be classified as Collector/Collector, with Low Pedestrian Area Classification.

The DBT shall redesign and reconstruct the lighting control center and power service at the following locations:

- Pole mounted control center at NE quadrant of I-71 Ramps & SR-435 intersection
- Pole mounted control center just west of Ramp D terminal at SR-435

Reconstruction of control center and power service shall include removal of all existing equipment and installation of all new equipment. No existing materials shall be reused by the DBT. The existing control centers shall be salvaged and delivered to the district headquarters, and all other equipment shall be disposed of by the DBT. The proposed control centers shall be ground mounted.

The DBT shall relocate existing high mast poles on new foundations for any poles that are impacted by the final design.

18.3.1 Temporary Lighting

Temporary lighting is required at the SR-435/Bluegrass/SR-729 intersection once any portion of the roundabout is open to traffic; this could be within a MOT phase prior to the roundabout being fully functional. A contingency lump sum item "625E39000, TEMPORARY LIGHTING" has been provided. The temporary lighting shall provide an average initial intensity of 1.2 footcandles with an average to minimum uniformity not to exceed 3:1.

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18.4 Traffic Signals

The DBT shall perform Work related to lighting in accordance with Section 7.1 and the following sections.

The contact information for the District Traffic Engineer is provided below:

David Carlin
Traffic Operations Engineer
David.Carlin@dot.ohio.gov
740-833-8198 (office)
740-815-6015 (cell)

Deleted: August 30, 2023August 25, 2023August 21, 2023August 16, 2023August 8, 2023July 20, 2023