

Project Initiation Package

Instructions

- The Project Initiation Package is intended to focus on critical issues that can be identified with existing information from secondary sources and/or identified during a site visit.
- Each specialty area of the Project Initiation Package should be completed by individuals who possess sufficient experience to enable them to correctly identify and evaluate issues arising from the field review.
- In the Location/Comments field provide information concerning potential impacts that is brief but gives enough detail to allow an understanding of the issue(s).
- The scope of services document should account for any issues identified in the Project Initiation Package that have the potential to affect scope, schedule, and budget.
- In some instances, resources/subject areas that may need to be consulted for the secondary source review are identified on this form.

Project Initiation Package Deliverables

Provide an expanded Study Area Map identifying project design, utility, right of way and environmental constraints identified through the Project Initiation Package. Tables, USGS and/or aerial mapping, photographs keyed to available project mapping, the plan to inform and involve the public, and other support material should also be submitted with the Project Initiation Package to illustrate specific problem areas.

General

Date(s) of field review:	TBD
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Project Name (County, Route, Section):	STA-173-01.84	PID:	124718
Date Project Initiation Package Completed:	3/12/2026	Prepared By:	Michael Craver
City, Township or Village Name(s):	Marlboro Township Nimishillen Township	ODOT Project Manager:	Karla Bohmer

Project Description: Safety improvements to the intersection of SR 173 at Columbus Rd (CR-67A) in Marlboro and Nimishillen Townships, Stark County, Ohio.

[STA 173 at Columbus Rd Safety Study](#)

Project Limits/Study Area/General Location:

Intersection of STA SR 173 at Columbus Rd (CR 67A)

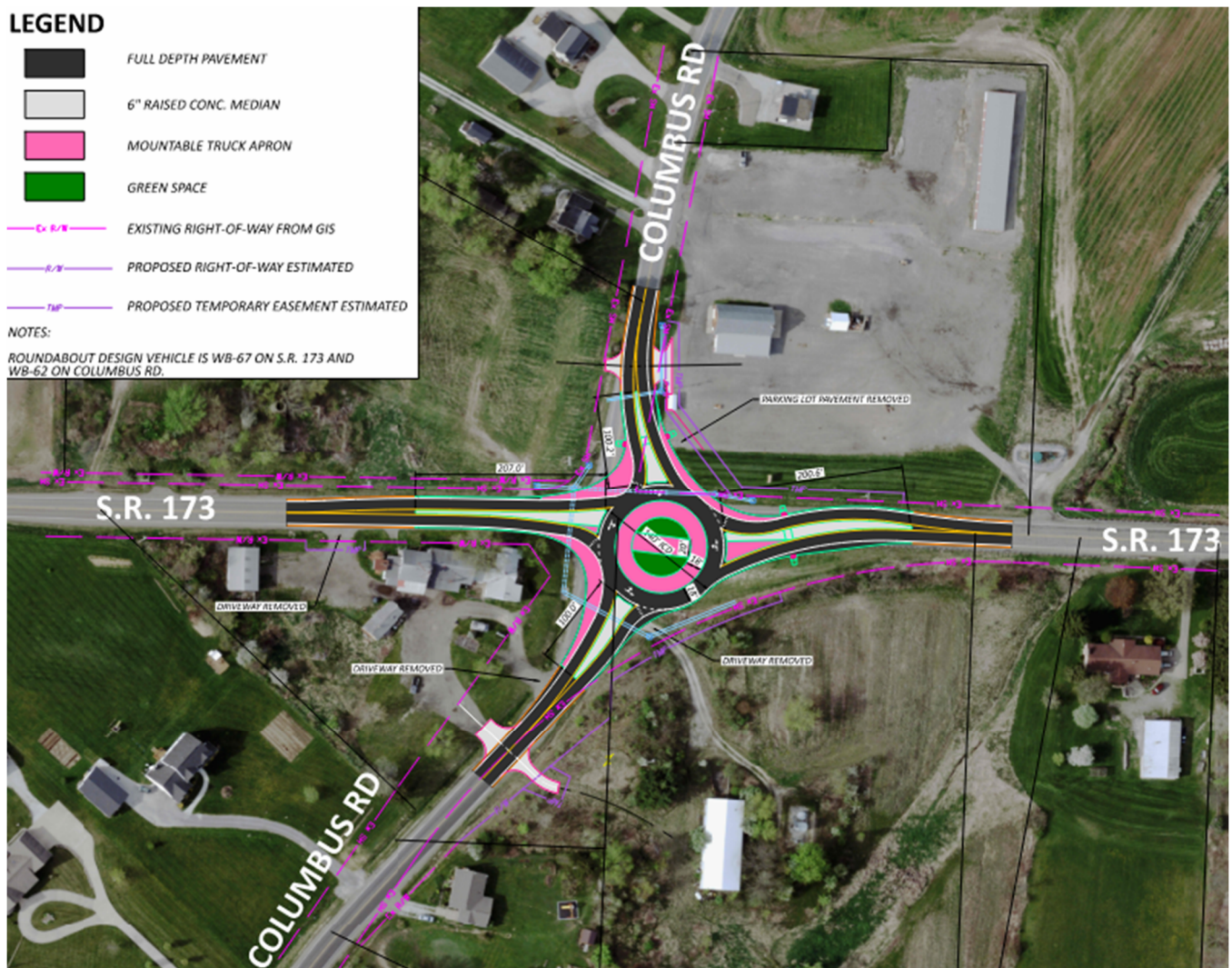
[Google Maps Link](#)

LEGEND

-  FULL DEPTH PAVEMENT
-  6" RAISED CONC. MEDIAN
-  MOUNTABLE TRUCK APRON
-  GREEN SPACE
-  EX- R/W EXISTING RIGHT-OF-WAY FROM GIS
-  P-R/W PROPOSED RIGHT-OF-WAY ESTIMATED
-  TMP PROPOSED TEMPORARY EASEMENT ESTIMATED

NOTES:

ROUNDBOUT DESIGN VEHICLE IS WB-67 ON S.R. 173 AND WB-62 ON COLUMBUS RD.



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ODOT DISCIPLINE INVOLVEMENT:		
<i>List name and phone number of individual(s) representing each discipline during the site visit and preparation of the Project Initiation Package. One individual may represent multiple disciplines.</i>		
DISCIPLINE	NAME	PHONE NUMBER
District Highway Management representative	Brian Hoover Paul Ensinger Jeron Hollis	330-786-4927 330-786-3135 330-786-3124
District Planning and Engineering representative	Lauren Phillis Laura Beese	330-786-4841 330-786-4848
District Environmental Coordinator	Brian Peck	330-786-4931
District Construction Representative	John Roberts	330-807-9593
Geometrics	Kyle Koppes Matt Chaney	330-786-2253 330-786-4838
Geotechnical	Tom Powell	330-786-4834
Pavement / Structures	Brian Ross	330-786-2254
Hydraulic	Mike Palagano Jordan Boehm	330-786-4851 330-786-4831
TSMO	Aaron Conley	330-786-4850
Traffic Control	Dawn Roxberry Michelle Chaney	330-786-2228 330-786-2267
Utilities	Peter Dinh	330-786-3132
MOT	Len Blankenship	330-786-4824
Right of Way / Survey	Tim Ward Brian Honaker	330-786-4844 330-786-4813
Pedestrian / Bicycle	Matt Chaney	330-786-4838
EXTERNAL AGENCY INVOLVEMENT:		
<i>Indicate external agency involvement during identification of project issues affecting scope development. List the name and phone number of individual(s) representing each agency during the site visit.</i>		
AGENCY	NAME	PHONE NUMBER
FHWA Engineer***		
Other (LPA, MPO, etc.)		
*** The FHWA Engineer should be invited on projects expected to require approval from Federal Highway Administration.		

GENERAL EXISTING INFORMATION: Michael Craver		
	SR 173	Columbus Rd (CR-67A)
Legal Speed:	55	40
Design Speed:	60	45
Opening Year ADT (2029):	5,900	1,800
Design Year ADT (2049):	5,900	1,800
Trucks (24 Hour B&C):	4%	8%
Functional Classification:	Major Collector	Minor Collector
Locale (Rural or Urban):	Rural	Rural
National Highway System (NHS):	No	No

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LOCAL PLANNING COORDINATION: Jim Bruner

Briefly describe local planning studies, bike/ped long range plans, aesthetics, etc. that will be considered throughout project development:

STA SR 173 at Columbus Rd Safety Study

DISTRICT HIGHWAY MANAGEMENT STAFF CONCERNS: Jeron Hollis

List any comments/requests from the District Highway Management Staff.

No comments/concerns

CRASH DATA: Michael Craver

Has a Safety Study been completed in the project area within past three years Yes

Is the project area highlighted on the Safety Integrated Project Maps No

Based on a spatial query (using GCAT or TIMS) of the three most recent years of crash data, briefly summarize crash history including pedestrian and bicycle crashes. Indicate any design features that may be contributing to the observed crash pattern that may be addressed by the project.

Crash data was obtained for 2019-2023 was obtained from the Woolpert Safety Study.

There was a total of 18 crashes at the intersection during the study period with 9 of them resulting in an injury. The crash types can be summarized as follows: 12 angle crashes, 4 rear ends and 2 fixed object crashes.

The proposed conversion from the existing two way stop control to a roundabout will address the current pattern of angle crashes as well as reduce the severity of the crashes.

ENVIRONMENTAL ISSUES:

Make a preliminary determination on whether the following resources are present within the project area. Is it possible that they will be affected by the project. Include the location and any other pertinent information for resources that may be affected.

Resource/Feature	Location/Comments
Parkland, nature preserves and wildlife areas {4(f)/6(f)}	None Present
Threatened and Endangered Species and/or habitat	Unlikely
Scenic River	None Present
Existing wet areas/existing cattails/wetlands	Present
Stream/river/waterway/jurisdictional ditch	Present
Historic Resources (buildings, structures, objects)	Possible
Historic Bridge(s)	None Present
National Historic Landmarks	None Present
Archaeological Sites	Unlikely
Public Facilities	None Present

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ENVIRONMENTAL ISSUES:	
<i>Make a preliminary determination on whether the following resources are present within the project area. Is it possible that they will be affected by the project. Include the location and any other pertinent information for resources that may be affected.</i>	
Resource/Feature	Location/Comments
Cemetery (modern and historic cemeteries)	None Present
Farmland	Unlikely
Watershed Specific (i.e. Darby or Olentangy) NPDES Permit Area	None Present
Air Quality non-attainment area or concerns	None
Landfill, Superfund, CERCLIS, RCRA, NPL, or industrial site(s), and/or evidence of hazardous materials	Possible; Orphan USTs removed NE quadrant (prior intersection reconstruction project)
Sensitive environmental justice areas	Unlikely
Federal Emergency Management Agency (FEMA) floodplains	None Present
Lake Erie Coastal Management Area	None Present
Sole Source Aquifers	None Present
Wellhead Protection Areas	No Mapped Wellhead Protection Areas Present; Drinking Water Wells Present
Noise abatement issues	Unlikely
Coordination with Conservancy Districts	Unlikely
Other environmental issues	Unlikely

RIGHT OF WAY/SURVEY ISSUES:	
<i>Indicate if right of way or survey issues are present or should be considered during project development. Provide additional comments as needed.</i>	
Design Issue	Location/Comments
Will there be any work beyond the existing right of way limits?	Yes.
Will relocation of residences be involved?	No.
Will relocation of businesses be involved?	No.
Will the project require modifying the access control to any properties?	Yes. Driveway in southeast quadrant being removed though driveway on Columbus Rd. can be used to access property.
Identify significant right of way encroachments (i.e. large commercial business signs, etc.)?	None seen at this time.
Will temporary parcels be needed (e.g., for drive work)?	Yes.
Will additional right of way be needed for utility relocations?	Yes. See "Utility Issues" comments.
Are there any specific property owner concerns? If so, list property owners and concerns.	None at this time.
Are work agreements prohibited for any reason?	Work Agreements should not be used.
Are there any other right of way or survey issues? Specify.	Not at this time.

HYDRAULIC ISSUES:	
<i>Indicate if the following drainage issues are present or should be considered during project development. Side road and service road work should be considered in this assessment. Any available Culvert Inspection reports should be evaluated and attached. Provide additional comments as needed.</i>	
Design Issue	Comments

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HYDRAULIC ISSUES:	
Indicate if the following drainage issues are present or should be considered during project development. Side road and service road work should be considered in this assessment. Any available Culvert Inspection reports should be evaluated and attached. Provide additional comments as needed.	
Does the existing drainage system appear to be appropriately sized and functioning properly? <i>Describe deficiencies.</i>	No evidence of such issues
Is there evidence of alignment or flow velocity problems (e.g., scour, bank erosions, silting) at culvert inlets or outlets?	None observed
Are there sinkholes or other deterioration in the pavement that would indicate separations in the existing pipes?	None observed
Is the exposed curb height in existing gutters inadequate to contain flow (include height of proposed resurfacing)?	No curbing present
Does the project affect a wetland or waterway (e.g., stream, river, jurisdictional ditch)?	Middle Branch Nimishillen Creek is under east leg.
Will channel relocation be required?	No, but culverts near intersection will need extended
Will post construction BMPs be required that could impact R/W or utilities?	Yes
Are existing underdrain outlets functioning properly?	No evidence of improper UD function
Does the drainage work warrant any special maintenance of traffic considerations?	Nothing beyond what's required for RAB construction.
Are there any other hydraulic issues? Describe.	Unaware of any other issues

UTILITY ISSUES:	
Indicate if the following utility issues are present or should be considered during project development. Provide additional comments as needed.	
Design Issue	Location/Comments
Do existing utilities need to be relocated? <i>If so, please identify.</i>	Yes. Power and with the drainage work, underground will probably need relocated as well
Would the project benefit from Subsurface Utility Engineering (SUE) Level A?	Yes
Are there existing utilities on an existing structure that need to be relocated?	No
Are there any specific utility requirements or concerns? <i>Specify.</i>	TBD
Are there water or sanitary lines that will be relocated as part of the ODOT contract?	TBD
Are there any other utility issues? <i>Specify.</i>	No

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GEOMETRIC DESIGN CONTROLLING CRITERIA (Refer to Section 105 of the LDM, Volume 1):	
<i>Consider design speed, design functional classification, land use, and available traffic data to make a preliminary determination as to the geometric standards for the project and potential for design exceptions. Note exceptions for low volume roadways.</i>	
Design Criteria	Location/Comments
Lane Width	Match existing at tie-in locations; Proposed sections in roundabout footprint to follow L&D Vol. 1, Sect. 400
Shoulder Width	Within curb limits, no shoulder; Outside curb limits follow L&D Vol. 1 Sect. 300
Horizontal Curve Radius	Per L&D Vol. 1 Sect. 200
Maximum Grade	Per L&D Vol. 1 Sect. 200
Stopping Sight Distance (Horizontal and Crest Vertical Curves)	Per L&D Vol. 1 Sect. 200 and 400
Superelevation Rate	N/A
Vertical Clearance	N/A
Pavement Cross Slope	Standard 1.56% on traveled lanes; 2% on circulatory lane and truck apron; also see L&D Vol. 1
Design Loading Structural Capacity	N/A

OTHER GEOMETRIC DESIGN ISSUES:	
<i>Indicate if the following geometric issues are present or should be considered during project development. Consider work on the mainline as well as any side roads or service roads. Provide additional comments as needed.</i>	
Design Issues	Location/Comments
Does the horizontal alignment have an excessive deflection?	No
Do the Intersection Angles or Crossroad Alignment meet design standards?	N/A RAB project
Is driver comfort an issue due to the vertical curvature or breaks in the grade?	No
Does the shoulder width on a structure allow for a minimum width of 4' from the edge of the traveled way to the face of any barrier?	N/A
Has a minimum width of 4' from the edge of the traveled way to the face of any barrier?	Any proposed replacement or new installation of barrier shall maintain a minimum of 4' offset.
Does intersection sight distance need to be improved?	No
List unprotected hazards that appear to be in the clear zone.	Nothing is apparent
Should existing access control be revised to improve safety?	No.
Are there any drive locations that will require special attention during design (e.g., very steep grades, high volume commercial drives, drives close to bridges or intersections)?	No
Do the existing intersection radius returns need to be modified to improve pedestrian crossing safety?	No pedestrian facilities are being installed on this project
Do the existing intersection radius returns need to be modified or truck aprons added to accommodate turning movements of large trucks?	No, being a roundabout truck turning movements should be provided and verified.

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OTHER GEOMETRIC DESIGN ISSUES:	
<i>Indicate if the following geometric issues are present or should be considered during project development. Consider work on the mainline as well as any side roads or service roads. Provide additional comments as needed.</i>	
Design Issues	Location/Comments
Does grading need to be upgraded? To what criteria (e.g., clear zone, safety, standard)? Consider potential right of way and other impacts when considering grading method.	No
Are new or updated curb ramps needed? Refer to the Curb Ramp Measuring Guide	No pedestrian facilities are being installed on this project
If constructing a new roadway, will it be a connection between two existing NHS Routes?	N/A
If traffic control at an intersection is being changed from stop control to signalization, does the profile of the stop condition road need to be upgraded to accommodate faster traffic?	N/A
Are multiple intersection control types being considered? Is an Intersection Control Evaluation (ICE) Ohio Department of Transportation applicable?	N/A
Are there any other geometric issues? Describe.	No. However, District 4 has published a roundabout preference guideline. Please review this document and follow our preferences when designing. D04 Roundabout Preferences 20251231.pdf RAB Outside Truck Apron Curbing - 20250311.pdf

PAVEMENT ISSUES:	
<i>Indicate if the following pavement issues are present or should be considered during project development. Side road and service road work should be considered in this assessment. Provide additional comments as needed.</i>	
Design Issue	Location/Comments
Do dynaflect tests indicate the existing pavement is in poor condition?	Testing has not been performed. SR173 is in good condition (PCR 93).
Are joint repairs needed?	N/A Pavement is flexible
Are pressure relief joints needed?	N/A Pavement is flexible
Does curb need to be replaced due to deteriorated condition or lack of curb reveal?	Curb is not present at this location.
Has the site received repeated resurfacings in recent years?	No. Last resurfaced in 2019.
Does pavement deterioration appear to be caused by drainage or geotechnical problems?	No.
Are there any other pavement issues? <i>Specify.</i>	No.

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GEOTECHNICAL ISSUES:	
Based on the information compiled during this study indicate whether or not the following geotechnical issues are present or should be further considered during project development. Provide additional comments as needed. Refer to Section 302.2 of the ODOT Specifications for Geotechnical Explorations for literature search resources.	
Design Issues	Location/Comments
Is there evidence of soil drainage problems (e.g., wet or pumping subgrade, standing water, the presence of seeps, wetlands, swamps, bogs)?	N/A
Will construction be impacted based on the groundwater table?	N/A
Is there evidence of any embankment or foundation problems (e.g., differential settlement, sag, foundation failures, slope failures, scours, evidence of channel migrations)?	N/A
Is there evidence of any slope instability (soil or rock)?	N/A
Is there evidence of unsuitable materials (e.g., presence of debris or man-made fills or waste pits containing these materials, indications from old soil borings)?	N/A
Is there evidence of rock strata (e.g., presence of exposed bedrock, rock on the old borings)?	N/A
Is there evidence of active, reclaimed or abandoned surface mines? Evidence of quarries?	N/A
Is there information pertaining to the existence of underground mines?	N/A
Is there Acid Mine Drainage present within the study area?	N/A
Are there any other geotechnical issues? <i>Specify.</i>	N/A

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STRUCTURAL ISSUES:	
<i>Indicate if the following structure issues are present or should be considered during project development. Provide additional comments as needed. The Bridge Inspection reports should be evaluated and attached. Provide a separate table for each structure.</i>	
Structure Number(s): No structures on this project	
Design Issue	Location/Comments
Is it possible for the structure to be replaced with a prefabricated box culvert or 3-sided box?	N/A
Is the deck delaminated? <i>Specify.</i>	N/A
Is non-destructive testing needed to determine the Amount of delamination?	N/A
Are there areas to be patched/repared on the deck?	N/A
Is the bridge a poor candidate for an overlay? <i>Specify type of overlay if known.</i>	N/A
Does the bridge rail violate current standards?	N/A
Is fatigue analysis required?	N/A
Should all fatigue prone details be retrofitted or replaced? <i>Specify.</i>	N/A
Is there any evidence of substructure movement (e.g., settlement, rotation)?	N/A
Is elimination of the deck joint possible? What modifications are necessary?	N/A
Is it possible for the hinges to be removed to make the members continuous?	N/A
Is there any evidence that the bridge does not meet hydraulic capacity?	N/A
Are there existing sidewalks on or adjacent to the bridge?	N/A
Is Vandal Protection Fencing required in accordance with the BDM?	N/A
Will the structure work require any special maintenance of traffic (e.g., closing of roadway for erection of beams, maintenance of waterway traffic, location of cut line, etc.)? <i>Specify.</i>	N/A
Does the bridge need to accommodate future roadway lanes, bicycle lanes, a shared use path, shoulder, or railroad tracks?	N/A
Will temporary shoring be required next to the railroad?	N/A
Describe any issues with the bridge deck (curb, sidewalk, railing, surface, median, drainage, expansion joints, etc.).	N/A
Describe any issues with the bridge superstructure (alignment, beams/girders/slab, bearing devices, etc.).	N/A
Describe any issues with the bridge substructure (abutments, piers, backwalls, wingwalls, scour, etc.).	N/A
Describe any issues with the channel (i.e. alignment, erosion, etc.)	N/A
Describe any issues with the bridge approaches (i.e. pavement, guardrail, etc.)	N/A

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STRUCTURAL ISSUES:	
<i>Indicate if the following structure issues are present or should be considered during project development. Provide additional comments as needed. The Bridge Inspection reports should be evaluated and attached. Provide a separate table for each structure.</i>	
Structure Number(s): No structures on this project	
Design Issue	Location/Comments
Are there any other structure related issues? <i>Specify.</i>	N/A

TSMO CONSIDERATIONS:	
Briefly describe the opportunities for managing congestion or traffic issues using TSMO strategies or improvements. Consider opportunities to upgrade or install systems management and operations infrastructure: TSMO infrastructure includes communications equipment, travel time signs, signals, changeable message signs, traffic cameras, traffic signal systems, other remote field devices and data collection equipment, conduit and any supporting fiber optics. TOAST is the Traffic Operations Assessment System Tool. For additional TSMO information see http://www.dot.state.oh.us/Divisions/Operations/Traffic/miscellaneous/Pages/TSMO.aspx	
Design Issue	Location/Comments
Does the project area contain a Hot Spot identified in TOAST? If so, what is the TOAST ranking?	SSTASR00173**C_00.000_04.600_F (Score 77.5 / SW Overall Rank 7546) SSTASR00173**C_00.000_04.600_R (Score 75.75 / SW Overall Rank 6998)
Does the project area have an operations master plan (or has this site been discussed with the District TSMO Coordinator)?	Unknown
Would operations benefit from TMC coverage of the project area? (RWIS, travel time boards, cameras, communications)	No
Are there opportunities for initiating or upgrading TSMO infrastructure?	No
Does this project support any TSMO strategies such as (Smartlane, VSL, Coordinated traffic signals, etc.)	No
Does this project require multi-jurisdictional coordination, agreements, funding, etc.?	No
What existing TSMO infrastructure is in place? Will it need to be moved or maintained in place?	None
Are there any local TSMO infrastructure recommendations in the project area? (ex. Include emergency or transit traffic signal pre-emption, dynamic message signs or signal coordination)	No
What MPO ITS architecture is already in place or planned? Consult the MPO ITS architecture plan, if applicable.	None
Categories of potential ITS for this study area/project include: Exempt, Low, or High risk? Ref: TEM, 1-pager for CFR 940.	Exempt
Could this project expand an existing device or communications system?	No
What type of device communications and equipment exists?	None
Should this location have communications added or upgraded?	No

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TSMO CONSIDERATIONS:

Briefly describe the opportunities for managing congestion or traffic issues using TSMO strategies or improvements.

Consider opportunities to upgrade or install systems management and operations infrastructure:

TSMO infrastructure includes communications equipment, travel time signs, signals, changeable message signs, traffic cameras, traffic signal systems, other remote field devices and data collection equipment, conduit and any supporting fiber optics. **TOAST** is the Traffic Operations Assessment System Tool. For additional TSMO information see

<http://www.dot.state.oh.us/Divisions/Operations/Traffic/miscellaneous/Pages/TSMO.aspx>

Design Issue	Location/Comments
Will additional conduit be necessary for future infrastructure/communications? (ex. in barrier wall)	
Will existing device power or communications drops be disrupted?	
Does this project require a new traffic signal timing plan?	
Are the current traffic signal(s) being upgraded to a system?	No
Are there alternative routes available/identified for incident management?	Unknown
Is this a Traffic Incident Management Note eligible project?	Unknown
OTHER TSMO Considerations: None	

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TRAFFIC CONTROL ISSUES:	
<i>Indicate if the following traffic control (signals, signing, pavement markings, etc.) issues are present or should be considered during project development. Provide additional comments as needed.</i>	
Design Issue	Comments
Are there any obvious deviations from requirements of the Ohio Manual of Uniform Traffic Control Devices (OMUTCD)?	No
Will coordination with Ohio Rail Development Commission (ORDC) be required (i.e. at-grade railroad crossings located within 400' of an intersection within the project area)?	No
Will pavement widening affect pole locations?	N/A
Will resurfacing affect signal height?	N/A
Does it appear that any traffic control items will fall outside the existing right of way limits (e.g., large signs, strain poles)?	Signs will need to be offset to accommodate farm machinery that routinely travels through this intersection. Signs will be located within the limits of ex. or prop. R/W.
Are there any crashes that can be related to existing signal deficiencies (e.g., timing, lack of protected turn phase)?	N/A
Do pedestrian signals and push buttons need to be installed or upgraded?	N/A
Do turn lane lengths appear to have sufficient storage capacity?	N/A
Does the controller need to be upgraded?	N/A
Do proprietary materials need to be specified?	N/A
Should signs or signal installations be supplemented with lighting?	Lighting is required for RAB's per L&D V1 403.6.11. Conventional poles on AT bases.
Are any Tourist Oriented Directional Signs (TODS) or LOGO signs present?	No
Are there any other traffic control issues? <i>Specify.</i>	No

MAINTENANCE OF TRAFFIC ISSUES:	
<i>Indicate if the following maintenance of traffic issues are present or should be considered during project development. Provide additional comments as needed.</i>	
Design Issue	Location/Comments
Are there bridge load limits within the work limits or in the nearby area that would limit the available signed official detour or unsigned local alternate routes?	Weight limits will not affect the official signed detour routes for SR-173 and Columbus Road. The proposed SR-173 detour would SR-44 and US-62 or SR-44/SR-619. The proposed Columbus Road detour would use SR-44
Is the project located on the National Truck Network?	No.
Are there overhead bridges with existing vertical clearance issues or that may become vertical clearance issues (e.g. shifting traffic to the shoulder, adding pavement without milling first, etc.)	N/A.

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MAINTENANCE OF TRAFFIC ISSUES:	
<i>Indicate if the following maintenance of traffic issues are present or should be considered during project development. Provide additional comments as needed.</i>	
Design Issue	Location/Comments
Are there pinch points within the work area that that would prevent the installation of temporary pavement for maintaining the existing number of lanes? If yes, identify the location and type of width restraints. (e.g., median wall, at grade bridge, overhead bridge piers, trees, historic markers, etc.)	Utility pole locations and drainage ditches will limit the width of temporary pavement. It is anticipated that this roundabout will be constructed while traffic is detoured and that temporary pavement will not be necessary.
Are there visible signs of pavement condition deterioration in the driving lanes? On the shoulders? If yes, identify location and estimated degree of deterioration and if further testing is needed.	No.
Are there nearby schools that may be adversely impacted by the proposed work? If yes, identify names, location and school districts.	SR 173 is the boundary line between Marlinton Local Schools and the Louisville City School District. Intersection closures will affect bus routes for each district. Marlinton Local Schools 10320 Moulin Ave. Alliance OH 44601 (330) 823-7458 Louisville City School District 407 East Main Street Louisville OH 44641 (330) 875-1666
Are there nearby emergency services (e.g., hospital, fire, police, EMS, etc.) that may be adversely impacted by the proposed work? If yes, identify locations and names.	Marlboro Police Department 7344 Edison St NE Hartville, OH 44632 (330) 935-2830 Marlboro Fire Department 9577 Edison St Alliance, OH, 44601 (330) 935-0280 Nimishillen Township Fire Department P.O. Box 1 Louisville Ohio 44641 (330) 453-5880 Stark County Sheriff's Office 4500 Atlantic Blvd NE Canton, OH 44641 (330) 430-3800
Are there significant traffic generators nearby that may be adversely impacted by the proposed work? (e.g., industries, factories, sports arenas, etc.)	No.
What is the width of the existing pavement? Will temporary pavement be needed to maintain the existing number of travel lanes?	SR-173 and Columbus Road each have 2, 12' lanes.

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MAINTENANCE OF TRAFFIC ISSUES:	
<i>Indicate if the following maintenance of traffic issues are present or should be considered during project development. Provide additional comments as needed.</i>	
Design Issue	Location/Comments
What geometric features exist within the work area and within the area of influence of the work area that may impact sight distances and/or flow of traffic? (e.g., horizontal/vertical curves, blind driveways, intersections, entrance/exit ramps, railroad crossings, etc.)	N/A
Are there sidewalks or paths within or leading to/from the work area that need to be closed?	No
If sidewalk/path needs to be closed, can users be detoured on the existing sidewalk system or will a temporary pedestrian and/or bicycle pathway need to be included in the plan?	N/A
Are transit stops present within the work area?	No.
Are there culverts within the work area that may need to be lengthened to accommodate temporary widening? If so, identify locations and culvert numbers.	Culverts and inlets are present at the intersection. Temporary drainage measures may be necessary if temporarily widening pavement for MOT.
Are there any known existing drainage issues within the work limits? If yes, special attention needs to be given to ensuring temporary drainage can be accomplished.	None observed.
Will personal and/or business driveways be adversely impacted or need to be closed for any amount of time?	The project will affect adjacent driveways.
Is the project located in or nearby an area of regional significance with a potential to cause controversy or negative public feedback or political scrutiny?	No.
Is there enough width to provide safe construction access? If no, what other means of access can be provided?	Yes.
Is there potential for the need to require right-of-way acquisition?	R/W acquisition is not anticipated for MOT purposes.
Is there room in the median for the construction of crossover pavement within the project limits and beyond the project limits on either end? If yes, identify potential locations for crossover locations.	N/A
Are short duration road closures going to be required? (e.g., bridge demo, steel erection, overhead utility installation/removal, etc.). If yes, is there an opportunity for diversion of the traffic to other routes or to the ramps on a diamond interchange? Identify the potential diversion routes.	N/A
Will there be a need for temporary structures (full or partial) in order to maintain the existing number of lanes?	No
Is there power available within or nearby the project location for temporary lighting and/or temporary signals?	Power is available but it is likely that the roundabout will be constructed while the intersection is detoured. Temporary signals will not be necessary.

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MAINTENANCE OF TRAFFIC ISSUES:	
<i>Indicate if the following maintenance of traffic issues are present or should be considered during project development. Provide additional comments as needed.</i>	
Design Issue	Location/Comments
Will there be a need for additional signal heads (drives and/or side roads) or temporary signal timing/coordination?	No.
Are there any Traffic Incident Management features, such as hydrants, pull-offs, turn-arounds, etc.?	No
Are there issues that may limit the construction timeframe? (e.g., sporting or other significant regional events, work in streams, suitable wooded habitat, school, etc.). If yes, list them.	Limit the closure timing and duration to minimize impacts to local school districts.
Would this project potentially benefit from the application of innovative contracting method (e.g., A+B to open bridge to traffic before school starts, etc.)? If yes, which method?	No
Will there be a need to restrict existing movements during construction? (e.g., no left turns, etc.)	The roundabout will be built during full closure. Depending on the alignment of the roundabout, it may be possible to build portions of the roundabout off-line to minimize the intersection closure duration. SR 173 is a major collector route while Columbus Road is a minor collector route. Depending on the final roundabout alignment, it may prove feasible to close/detour the minor collector (Columbus Road) while maintaining SR 173 traffic for a longer duration prior to full closure of the intersection.
Is there an opportunity (or potential need) to implement any work zone ITS components? (e.g., work zone egress warning, queue detection and warning, CCTV, DDMS, etc.)	N/A
How big of an impact will the project have on queue lengths and congestion? If significant, a MOT Policy Exception Request may be required per Traffic Management in Work Zones Policy (21-008(P)) and Standard Procedure (123-001(SP)).	N/A
Does this project require an MOTAA? All Path 4 & 5 projects along with Path 3 projects on Interstate/Interstate look-alikes need to have a Maintenance of Traffic Alternatives Analysis Completed. Refer to TEM Section 630-5	No

CONSTRUCTION ISSUES:	
<i>Indicate if the following issues are present or should be considered during project development. Provide additional comments as needed.</i>	
Issue	Location/Comments
Will any of the construction activity take place over, under, or near railroad property?	No
Could material with long lead times for delivery have an impact on the construction schedule and/or project completion (e.g., strain poles, large box culverts, steel beams, etc.)?	No, unless standard light poles become a problem.

Project Initiation Package

CONSTRUCTION ISSUES:	
<i>Indicate if the following issues are present or should be considered during project development. Provide additional comments as needed.</i>	
Issue	Location/Comments
Are there any concerns related to existing or proposed lighting (e.g., light trespass, river navigation, airway clearance)?	No
Compare the Begin/End construction dates with the Scope of Work. Is the construction schedule reasonable?	The begin/end dates seem reasonable
Examine the existing pavement condition and repair history. Calculate potential pavement repair quantities.	Not applicable, most likely will have full depth pavement throughout project
Note manhole lid elevations versus proposed paving thickness. Will manhole lids or valve boxes need adjusted after paving?	N/A
Is there a need for Echelon Paving?	N/A
Examine the rideability of the approach slab to the roadway/bridge joint.	N/A
Will the project have impacts to nearby residents/businesses? Will site access occur down steep side slopes or through properties adjacent to project site?	Project will affect adjacent residents as well as a few businesses in the vicinity of the project. No access down steep slopes is not anticipated.
Examine existing guardrail condition, height and length of need. What is the condition of the slopes behind guardrail? Will additional grading or fill be required for guardrail replacement?	N/A
Is more space or room needed for construction? Is Temporary or Permanent R/W required for utility relocations, construction of structures, drainage ditches, etc.?	Right of way seems adequate for the project
Is there enough clearance to overhead utility lines for cranes and concrete pump trucks?	Cranes and pump trucks not anticipated
Will there be instream work?	Not likely
Will Temporary shoring/sheeting, cofferdams or work pads be required to complete the proposed work? Anticipated Permitting (see Agency Coordination/Permit Issues section above)	Not anticipated
Will the road need to be detoured to complete construction? What are the possible detour routes?	Yes, US62 to SR44
Where are the potential staging areas for the contractor?	Within project right of way and road closure

Project Initiation Package

PEDESTRIAN AND BICYCLE ISSUES:

Indicate if the following pedestrian and bicycle facilities are present or should be considered for implementation during project development.

- **Pedestrian facilities:** sidewalks, shared use paths, enhanced crossings, signs/signals, and lighting.
- **Bicycle facilities:** bike lanes, improved shoulders, shared use paths, crossing treatments, signs/signals, and lighting.

Provide additional comments as needed. For additional bicycle and pedestrian data, see the TIMS Active Transportation Map Viewer: <https://gis.dot.state.oh.us/tims/Map/ActiveTransportation> and discuss with the [District Bike & Ped Contact](#).

Issue	Location/Comments
Are there visible signs of deterioration on sidewalks or missing sidewalks?	No
Is there a minimum 4' clearance along sidewalks? (i.e. poles that obstruct the sidewalk)	N/A
Are there visible sign of deterioration in bike lanes/shoulders or missing bike facilities?	No
Do crossings for bicyclists and/or pedestrians need to be improved or installed?	No
Is on-street parking set back 20 feet from the crosswalk (both marked and unmarked) at an intersection or set back 30 feet of the approach to any flashing beacon, stop sign or traffic control device? (See ORC 4511.68)	N/A
Is there evidence of the need for a midblock crossing? (i.e. pedestrian crashes, signalized intersection spacing exceeds 600 ft., presence of midblock transit stops or path, pedestrian generators and destinations). Refer to FHWA Guide for Improving Pedestrian Safety at Uncontrolled Intersections	No
Does the project area have an active transportation plan in place (or other multimodal plan such as a bicycle, pedestrian, school travel plan , or metropolitan transportation plan). Contact pertinent local public agencies for more information.	No
Is there existing bicycle or pedestrian usage along this corridor? (For statewide volume data visit ODOT's Non-Motorized Database System .) Visible indicators of usage include counts, worn paths, transit stops, etc.	No
Is the project located on a designated or proposed bike route (local, regional, state or US)?	No
What is the Level of Traffic Stress (1-4)? (LTS 1 and 2 are considered comfortable for the mainstream adult population.) (See Level of Traffic Stress calculation tool . This data is pre-calculated for the State & US Bike Route System .)	N/A
Does the project area have high Active Transportation Demand and high Active Transportation Need (Scores of 3 or 4)? (Use the Identify Features tool to select project area and view scores for Demand_ Mapping and Need_ Mapping. scores.)	No
What are the proposed bicycle lane widths?	N/A

Project Initiation Package

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Issue	Location/Comments
What are the proposed sidewalk and shared use path widths (and buffer width)?	N/A
If bike/ped accommodations require additional ROW not planned for the project, can a future project provide this?	N/A

AGENCY COORDINATION/PERMIT ISSUES:

Indicate if the following permit issues are present or should be considered during project development. Provide additional comments as needed.

Issue	Location/Comments
Will an Individual US Army Corps of Engineers/ Environmental Protection Agency 404/401 permit be required?	USACE Preconstruction Notification Likely
Will a Section 408 Permission be required for work within an USACE Civil Works (dams, levees, locks, navigation channel, etc.)? Refer to the National Levee Database (army.mil) ; National Inventory of Dams (army.mil) ; Louisville District (arcgis.com) Not all projects are found within these directories. Consult with OES during planning to discuss Section 408 coordination. (Note, Section 9 or Section 10 permit will most likely trigger Section 408 coordination.)	Not Applicable
Will a Coast Guard (Section 9) permit be required?	Not Applicable
Is review by a local public agency or project sponsor required? <i>Specify.</i>	USACE Preconstruction Notification Likely
Is State Historic Preservation Office (SHPO) coordination for work involving historic bridges or historic properties required?	Possible
Is coordination with ODNR for work involving State Scenic Rivers, State Wildlife Areas or State Recreational Areas required?	Not Applicable
Is coordination with any other agency required?	Unlikely

SCOPE, SCHEDULE AND BUDGET CONSIDERATIONS: Jim Bruner

Based on the responses to the above items, do any of the following need to be modified?

Issue	Comments
Conceptual scope	
Work limits	
Probable environmental document type	C2
Project Path classification	Path 2

Project Initiation Package

SCOPE, SCHEDULE AND BUDGET CONSIDERATIONS: Jim Bruner	
Schedule	
Budget	