

This checklist must be turned in with all preliminary plan submittals and all items must be on the plans. Additional Information can be found in the City of Wadsworth Engineering Rules and Regulations Article III. The appropriate section is noted along with each heading.

ITEMS TO BE INCLUDED ON PRELIMINARY PLAN SUBMITTALS

Identification Items (shown on title sheet) - Section 302.A

<u>Y</u>	<u>N</u>	<u>N/A</u>	<u>Item Description</u>	<u>Notes</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Name of subdivision or development	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Location map	Show project location with respect to nearest road intersection _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	North arrow	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bar scale	Written and graphical _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Owner information	Name, address, telephone number, etc. _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Design engineer information	Name, address, telephone number, etc. _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total development acreage	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Number and location of lots	Index Map _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project density	_____

General Information - Section 302.B

<u>Y</u>	<u>N</u>	<u>N/A</u>	<u>Item Description</u>	<u>Notes</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project is compatible with plans and plats for any adjoining subdivisions	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Proposed section/phase lines shown	For entire project _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Identify all variances	Written request for variance must be submitted for preliminary plan approval _____

Traffic Study (must comply with current traffic impact standards) - Section 302.D.1

<u>Y</u>	<u>N</u>	<u>N/A</u>	<u>Item Description</u>	<u>Notes</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Projected and current ADT's	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Width and classifications for all proposed streets	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Level of service (LOS) projection	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Intersection analysis	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traffic plans	Proposed and existing pavement markings, signs, widths, traffic signals, access points, etc. _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Required approvals from ODOT and/or other public agencies	Need copies of approval letters _____

Street and Structure Plan - Section 302.D.2

<u>Y</u>	<u>N</u>	<u>N/A</u>	<u>Item Description</u>	<u>Notes</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pavement and grading sections with pavement thickness	_____

- Pavement width - *Article VI table 601-A to table 601-C* _____
- R/W widths - *Article VI table 601-A to table 601-C* _____
- Pavement, shoulder, and ditch cross slopes
Pavement - 1/4" per foot _____
- Pavement design calculations
Only needed if City typical section per Article VII is not used _____
- Fire hydrant locations _____
- City standards used for typical section - *Article VII*
If don't use city approved pavement composition must use AASHTO design methods _____
- ADT shown on typical section _____
- Centerline profile _____
- Existing R/W profiles _____
- Post-development safety and traffic projections
Both needed for open ditch streets
Traffic control devices, pedestrian traffic flow, etc. _____
- Existing utilities and easements
Show locations _____
- Design speeds and street classifications - *Article VI table 601-A to table 601-C*
Design speed typically 10 MPH over posted speed limit _____
- Horizontal curve data - *Article VI, Section 601.H*
Centerline radius, delta angle, etc. _____
- Stations at 100' intervals on centerline _____
- Stationing at all intersection _____
- P.C., P.T., and P.I. stations _____
- Pavement and R/W widths _____
- Street profiles with vertical curve data _____
- Sanitary, storm, and water line locations _____
- Flood routing path _____
- Show adjoining parcels within 50' _____
- Label existing roads within 200' of tract boundary _____
- Show proposed street connections
If they are to ever be extended _____
- Profile of storm sewers and/or culvert crossings under proposed R/W _____
- Address safety issues for vehicles and/or pedestrians created by basins, sidewalks, or other embankments _____

Predevelopment Storm Water Management Plan - Section 302.E.1.a

<u>Y</u>	<u>N</u>	<u>N/A</u>	<u>Item Description</u>	<u>Notes</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scale	1" = 500' max scale _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Show boundaries of entire drainage area	Onsite and offsite _____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Separate plans for entire drainage area and development area	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Development area topography and contours	_____
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Topography and contours for land within 100' of development area	_____

- | | | | | |
|--------------------------|--------------------------|--------------------------|---|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Boundary lines of development area | _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Drainage Structures | Including those in drainage area _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Highways, railroads, parks, and other rec areas | _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Show existing above-ground structures or facilities on or in development area | _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Existing ponds and ponding areas | _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Must provide evaluation for existing ponds being used as storm water control facilities | _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Show FEMA 100-yr flood plain | _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Identify existing drainage outlet(s) | Size, material type, and condition (based on onsite investigation and observation) _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Results of analysis of capacity of drainage outlet(s) | Determine adequacy of outlet(s) under predevelopment conditions _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Underground facilities | Leach fields, well, storage tanks, etc. _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Onsite sanitary sewer for proposed lots and existing adjacent lots | Show where storm water is routed related to these systems _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Major flood routing for proposed site does not affect properties downstream | _____ |

Drainage Calculations - Section 302.E.1.b

<u>Y</u>	<u>N</u>	<u>N/A</u>	<u>Item Description</u>	<u>Notes</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Calculate predevelopment peak flows from delineated drainage areas and list on map	1,2,5,10,25,50, and 100-year frequencies for 24-hr storm _____

Discussion of Project Issues - Section 302.F

<u>Y</u>	<u>N</u>	<u>N/A</u>	<u>Item Description</u>	<u>Notes</u>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Identify and discuss any problems designer and/or owner are aware of that could affect feasibility of the project	_____

Comments: _____

Design Engineer's Signature: _____

Design Engineer's PE Registration Number: _____

Please submit documents in PDF format via email to engineering@wadsworthcity.org.

CITY USE ONLY

Form Complete: Name: _____ Date: _____