

## CITY OF AURORA ONLINE CIVIL PLAN SUBMITTAL & REVIEW PRE-SUBMITTAL CHECKLIST

Subdivision Name: \_\_\_\_\_ EDN: \_\_\_\_\_

Applicant Company: \_\_\_\_\_ Phone: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Email: \_\_\_\_\_

Owner Company: \_\_\_\_\_ Phone: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Email: \_\_\_\_\_

IF THIS IS A REVISION TO A PREVIOUSLY APPROVED PLAN SET: SHT # \_\_\_\_\_

Type:	T	PD	GR	WA	BR	RW	Grid Location: _____
	C	FD	RO	SA	OT	RV	
	M	UT	ST	ES	SC	S&S	Vertical Construction/Short Review: Yes No
	TEXT	PDL	IMP	SWMP	PA		Accepted _____ Date _____
	DOCUMENTS	FD	FDL	CALCS			Rejected _____ Date _____

**Department/Division Anticipated for Review**

- |                                      |                                   |  |
|--------------------------------------|-----------------------------------|--|
| <input type="checkbox"/> Engineering | <input type="checkbox"/> Traffic  | <input type="checkbox"/> *Deferral _____ |
| <input type="checkbox"/> Water       | <input type="checkbox"/> Parks    | <input type="checkbox"/> ASAP Option 1   |
| <input type="checkbox"/> Life Safety | <input type="checkbox"/> Forestry | <input type="checkbox"/> ASAP Option 2   |

\*Requires pre-approval by City Engineer

**Agencies Anticipated for Review**

- |  |  |
|--|--|
| <input type="checkbox"/> Creeks through project  | <input type="checkbox"/> E-470 Public Highway Authority (Peggy Davenport- 153791)                |
| <input type="checkbox"/> Incorporation boundaries (whose jurisdiction? _____)                      | <input type="checkbox"/> City and County of Denver (submitted by Applicant directly to Denver)   |
| <input type="checkbox"/> Urban Drainage and Flood Control District (Urban Drainage - 76429)        | <input type="checkbox"/> Greenwood Village (Joy McGee - 76450)                                   |
| <input type="checkbox"/> Cherry Creek Basin Authority (Chuck Reid - 76440 and Jim Swanson - 74751) | <input type="checkbox"/> Centennial (Derek Holcomb - 154195)                                     |
| <input type="checkbox"/> Arapahoe County Public Works and Development (Jan Yeckes – 76868)         | <input type="checkbox"/> CDOT REGION 1 (Richard Solomon - 71431)                                 |
| <input type="checkbox"/> Adams County (Jenn Rutter - 76891)  | <input type="checkbox"/> SEMSWA (Paul Danley – 154197 and Tiffany Clark - 189470)                |
| <input type="checkbox"/> Douglas County (Chris Boyd-76848)   | <input type="checkbox"/> Town of Parker (Alex Mestdagh - 76453)                                  |
| <input type="checkbox"/> DEN Utilities (Catherine Rafferty – 76454)                                | <input type="checkbox"/> E.C.C.V. W&S District (Justin Blair – 77378 and Chris Douglass - 77377) |
| <input type="checkbox"/> DEN Planning (Tim Hester – 195201)  | <input type="checkbox"/> RTD (Referral Contact - 72157)  |
| <input type="checkbox"/> DEN Traffic (Michael Cloud - 190420)                                      | <input type="checkbox"/> ACWWA (Wade Wheatlake-154200)   |
| <input type="checkbox"/> DEN USDA (Levi Hodson – 203012)   | <input type="checkbox"/> PSCO (Donna George - 71465)   |
| <input type="checkbox"/> DEN Real Estate (Darryl Jones - 226497)                                   |  |

**The following checklist is used for both the Pre-submittal checklist and the Routing Slip / Checklist. The Routing Slip / Checklist cover sheet will be added at time of Civil Plan Submittal.**

All submittals shall be routed through the Engineering Services Division.

The consultant will be notified by email when plan comments are ready to be downloaded.

After all approval signatures are obtained, the signature set shall become the property of the City of Aurora.

Plans are reviewed on a first come – first serve basis only.

Plans returned to the consultant for lack of adequate information or conflicts with City of Aurora design criteria will be subject to further review once resubmitted to the Engineering Services section. Plans submitted without the required drainage report accompanying them, or reports without the required plans will be considered incomplete submittals and returned to the consultant without review.

The section numbers referenced in the tables below can be found in the City of Aurora Roadway Design and Construction Specifications, Latest Revision, except those marked with a superscript (#). Those documents are referenced to the manuals noted below:

- 1        *City of Aurora Storm Drainage and Technical Criteria Manual (latest revision)*
- 2        *Aurora Water Standard Specifications Regarding Water, Sanitary Sewer and Storm Drainage Infrastructure (latest revision)*
- 3        *City of Aurora Rules and Regulations Regarding Stormwater Discharges Associated with Construction Activities*
- 4        *Urban Storm Drainage Criteria Manual, Vol. 3, Best Management Practices*
- 5        *Urban Storm Drainage Criteria Manual, Vol. 1, Management, Hydrology, and Hydraulics*
- 6        *Urban Storm Drainage Criteria Manual, Vol. 2, Structures, Storage, and Recreation*

Those items designated as a “Critical Item” (**C**) referenced in the **Critical Item** column represents those items required during the Pre-Submittal process, unless waived during the Pre-Submittal. Plans submitted without the required critical items at the Pre-Submittal review will be considered incomplete submittals and may be returned to the consultant without being accepted for formal review.

<b><u>ALL SUBMITTALS</u></b>	<b><u>SECTION NO.</u></b>	<b><u>CRITICAL ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
• Copy of pre-application notes		<b>C</b>			
• Copy of Plat		<b>C</b>			
• Copy of Site Plan		<b>C</b>			
• Copy of public improvements plan or agreement		<b>C</b>			
• Phasing identified		<b>C</b>			
• Preliminary Drainage Report Approved (minimum one review of site and PD with no significant comments)		<b>C</b>			
• Correct Sheet Size	3.01				
• Plan quality, line quality, text size	3.01 & 3.02				
• Vicinity Map (scale)	2.03.4				
• Key Map (scale)	2.03.5				
• Title Block, subdivision name lower right corner	2.03.5.01				
• Approval Block, lower right corner	2.03.5.02				
• Required notes/Erosion Control Notes/Utility Notes	2.03.6 Chapter 2: Section 2.2.2 <sup>3</sup> , 5.05.1 <sup>2</sup>				
• No copyright note	2.03.5.10				
• Correct scale	2.03.5.03	<b>C</b>			
• Match lines and Sheet Numbers	2.06.1.08				
• North Arrow	2.03.5.04				
• Date	2.03.5.05				
• Subdivision Names and City of Aurora Civil Plan Approval Numbers on adjacent sites	2.03.7				
• Benchmark (NAVD 1988)	2.03.5.07	<b>C</b>			
• Survey Control Drawing	2.11	<b>C</b>			
• Sequential Numbering including Cover Sheet Index	3.03				
• Reports side bound and types on 8 ½" x 11" paper	2.04.3, 2.31 <sup>1</sup>				
• Underground utilities	2.03.5.08				
• Private improvements	2.03.5.09 2.03.6.15				

<b><u>ALL SUBMITTALS</u></b>	<b><u>SECTION NO.</u></b>	<b><u>CRITICAL ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
• Details	2.03.8				
• Verify with Fire ( <i>City use only, no action by consultant</i> )					
• Verify with Traffic ( <i>City use only, no action by consultant</i> )					
• Compare against site plan, plat, PDP, etc. ( <i>City use only, no action by consultant</i> )					

<b><u>PRELIMINARY DRAINAGE PLAN &amp; REPORT APPLIES TO SUBURBAN, URBAN CENTERS AND TOD DEVELOPMENTS</u></b>	<b><u>SECTION NO.</u></b>	<b><u>CRITICAL ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
Refer to COA <u>Storm Drainage &amp; Technical Criteria Manual Latest Revision</u>					
<b><u>REPORT:</u></b>					
• Approval, title blocks	2.03.5.01, 2.03.5.02, 2.35 <sup>1</sup>				
• Location of project	2.32 <sup>1</sup>				
• Proposed development, type of use, density, etc.	2.32 <sup>1</sup>				
• Requested variances from S.D.T.C.M.	2.32 <sup>1</sup>				
• Historic and developed drainage on-site patterns	2.32 <sup>1</sup>				
• Historic and developed drainage off-site tributary patterns	2.32 <sup>1</sup>				
• Proposed basin description	2.32 <sup>1</sup>				
• Routing of off-site drainage through site	2.32 <sup>1</sup>				
• Imperviousness (%)	6.33 <sup>1</sup> , 2.51 <sup>5</sup> , 3.2.1 <sup>5</sup>				
• Stormwater detention/retention	2.32 <sup>1</sup> , 6.3 <sup>1</sup>				
• Analysis of outfall/connection to system	2.32 <sup>1</sup>				
• Floodplain identified	2.32 <sup>1</sup>				
• Analysis of hydrologic criteria (calculations for T <sub>c</sub> , Q <sub>2</sub> , Q <sub>100</sub> )	2.32 <sup>1</sup>				
• Analysis of hydraulic criteria (calculations for street capacities, channels/tracts, detention ponds, including water quality capture volume, it used)	2.32 <sup>1</sup>				
• Storm water quality control plan	2.32 <sup>1</sup>				

<b><u>PRELIMINARY DRAINAGE PLAN &amp; REPORT APPLIES TO SUBURBAN, URBAN CENTERS AND TOD DEVELOPMENTS</u></b>	<b><u>SECTION NO.</u></b>	<b><u>CRITICAL ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
<ul style="list-style-type: none"> <li>Calculations for sizing all permanent BMPs</li> </ul>	2.32 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Industrial &amp; Commercial Permanent BMP requirements</li> </ul>	1 thru 7 <sup>4</sup>				
<b><u>PLAN:</u></b>					
<ul style="list-style-type: none"> <li>Labeling of proposed drainage facilities with design storm frequency, public/private</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Proposed &amp; existing contours (topography)</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Drainage basin boundaries (on-site)</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Drainage basin boundaries (off-site)</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Design points, basin size, Q<sub>2</sub> &amp; Q<sub>100</sub> at design points</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Existing &amp; proposed drainage facilities</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Floodplain/floodway limits</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Drainage easements and tracts</li> </ul>	2.10 <sup>1</sup> , 2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Plan Review Note</li> </ul>	2.34K <sup>1</sup>				
<ul style="list-style-type: none"> <li>Vehicular access to the top of the outlet structure and forebay</li> </ul>	3.62 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Pond Easement</li> </ul>	3.62 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Pond Maintenance Access</li> </ul>	3.62 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Detention/Water Quality ponding limits, volume, release rate, 100-year water surface elevation, overflow direction and location, maximum depth, water quality capture Volume</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>All permanent BMPs</li> </ul>	2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Finished Floor Elevations</li> </ul>	2.34 <sup>1</sup>				
<b><u>OPEN CHANNELS:</u></b>					
<ul style="list-style-type: none"> <li>Preliminary profile</li> </ul>	6.2 <sup>1</sup> , 2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Cross sections <ul style="list-style-type: none"> <li>Maximum flow depth</li> <li>Two feet of freeboard</li> <li>Design flow identified</li> </ul> </li> </ul>	6.2 <sup>1</sup> , 2.34 <sup>1</sup>				
<ul style="list-style-type: none"> <li>As-built profiles of existing utilities</li> </ul>	2.34M <sup>1</sup>				

<b><u>FINAL DRAINAGE PLAN &amp; REPORT</u></b> <b><u>(APPLIES TO SUBURBAN, URBAN CENTERS</u></b> <b><u>AND TOD DEVELOPMENTS)</u></b>	<b><u>SECTION</u></b> <b><u>NO.</u></b>	<b><u>CRITICAL</u></b> <b><u>ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
Refer to COA <b><u>Storm Drainage &amp; Technical Criteria Manual, Latest Revision</u></b>					
<b><u>REPORT:</u></b>					
• Address any changes from Preliminary Report	2.42 <sup>1</sup>				
• Description of proposed development and all drainage basins, including inlet types and design points	2.32 <sup>1</sup> , 2.42 <sup>1</sup>				
• Flow routing and accumulation	2.32 <sup>1</sup> , 2.42 <sup>1</sup>	<b>C</b>			
• In depth hydrologic analysis (T <sub>c</sub> , Q <sub>2</sub> , Q <sub>100</sub> ) C values	2.42 <sup>1</sup>	<b>C</b>			
• In depth hydrologic analysis <ul style="list-style-type: none"> <li>○ Parking lot depth &lt;1.5, &lt;1.0</li> <li>○ Street capacities</li> <li>○ Storm pipes</li> <li>○ Storm inlets (&gt;10' depth requires structural design &amp; detail)</li> <li>○ Detention ponds (required vol. &amp; provided vol.)</li> </ul>	3.32 <sup>1</sup> 3.32 <sup>1</sup> 6.40 <sup>1</sup> , 7.00 <sup>1</sup> 6.50 <sup>1</sup> , 4.03.3, 6.52 <sup>1</sup> 3.60 <sup>1</sup> , 6.30 <sup>1</sup> 2.34 <sup>1</sup> , 2.42 <sup>1</sup>	<b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>			
• Maximum depth <ul style="list-style-type: none"> <li>○ U.D.S.W.M. calculations with schematic diagram (paper and electronic copies)</li> <li>○ HEC II/HEC RAS calculations (paper and electronic copies)</li> <li>○ CUHP calculations (paper and electronic copies)</li> <li>○ Open channels calculations (paper and electronic copies)</li> <li>○ Floodplains identified</li> <li>○ Tracts/swales calculations</li> <li>○ Permanent riprap/erosion control</li> </ul>	7.0 <sup>1</sup> 7.0 <sup>1</sup> 6.20 <sup>1</sup> , 7.0 <sup>1</sup> 4.00 <sup>1</sup> 3.50 <sup>1</sup> 6.35 <sup>1</sup> , 6.70 <sup>1</sup>	<b>C</b> <b>C</b> <b>C</b> <b>C</b>			
• Variance, special exception permit when required	4.50 <sup>1</sup>				
• Industrial & Commercial Permanent BMP requirements	1 thru 7 <sup>4</sup>				
• Calculations for sizing all permanent BMPs	2.42 <sup>1</sup> , 3.70 <sup>1</sup>	<b>C</b>			
<b><u>PLAN:</u></b>					
• Stormwater quality control plan <ul style="list-style-type: none"> <li>○ Calculations for sizing all permanent BMPs</li> </ul>	2.42 <sup>1</sup> , 3.70 <sup>1</sup>				
• Final Drainage Plan matches overall Grading Plan	2.42 <sup>1</sup>				
• Existing/ Proposed Contours	2.42 <sup>1</sup>				
• Curb and gutter type	2.42 <sup>1</sup>				
• Labeling of proposed drainage facilities (inlets, pipes, etc.) with size & design storm frequency, public/private	2.32 <sup>1</sup> , 2.34 <sup>1</sup> , 2.42 <sup>1</sup>				

<b><u>FINAL DRAINAGE PLAN &amp; REPORT</u></b> <b><u>(APPLIES TO SUBURBAN, URBAN CENTERS</u></b> <b><u>AND TOD DEVELOPMENTS)</u></b>	<b><u>SECTION</u></b> <b><u>NO.</u></b>	<b><u>CRITICAL</u></b> <b><u>ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
<ul style="list-style-type: none"> <li>• Drainage basin boundaries – on-site</li> </ul>	2.32 <sup>1</sup> , 2.42 <sup>1</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>• Drainage basin boundaries – off-site</li> </ul>	2.32 <sup>1</sup> , 2.42 <sup>1</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>• Design points, basin size, Q<sub>2</sub> &amp; Q<sub>100</sub> at design points, including summation of routed flows</li> </ul>	2.32 <sup>1</sup> , 2.42 <sup>1</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>• 100-Year flood level in streets</li> </ul>	3.32 <sup>1</sup> , 2.42 <sup>1</sup>				
<ul style="list-style-type: none"> <li>• Existing drainage structure's (inlets, pipes, chases, etc.) size and type</li> </ul>	2.34 <sup>1</sup> , 2.42 <sup>1</sup> , 4.03.3, 4.03.4, 4.03.6				
<ul style="list-style-type: none"> <li>• Cross sections of drainage ways &amp; tracts</li> </ul>	2.42 <sup>1</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>• Easements and tracts R.O.W.</li> </ul>	2.34 <sup>1</sup> , 2.42 <sup>1</sup> , 2.10 <sup>1</sup> , 3.50 <sup>1</sup>				
<ul style="list-style-type: none"> <li>• Stormwater detention pond / water quality BMP <ul style="list-style-type: none"> <li>○ Maximum depth</li> <li>○ Water quality capture volume</li> <li>○ Ponding limits</li> <li>○ Volume (quantity)</li> <li>○ Signing</li> <li>○ Release rate</li> <li>○ W.Q., 10-yr, 100-yr water surface elevation</li> <li>○ Emergency overflow location(s) &amp; direction(s)</li> <li>○ Pond Easement</li> <li>○ Maintenance Access</li> <li>○ Inspection and Maintenance Manual</li> <li>○ Vehicular access to top of the outlet structure and forebay</li> <li>○ Developments with land disturbance &gt; 5 acres must use full spectrum detention</li> <li>○ Detention Basin Notification Stamp</li> </ul> </li> <li>• Does the Detention Basin constitute a "Jurisdictional Dam" under State Engineer's Office rules</li> </ul>	2.34 <sup>1</sup> , 2.42 <sup>1</sup> 2.34 <sup>1</sup> , 2.42 <sup>1</sup> 2.34 <sup>1</sup> , 2.42 <sup>1</sup> 2.34 <sup>1</sup> , 6.33 <sup>1</sup> 6.36 <sup>1</sup> 2.34 <sup>1</sup> , 2.42 <sup>1</sup> , 6.33 <sup>1</sup> 3.60 <sup>1</sup> , 6.30 <sup>1</sup> 2.34 <sup>1</sup> , 2.42 <sup>1</sup> , 3.60 <sup>1</sup> , 6.34 <sup>1</sup> , 3.33 <sup>1</sup> 3.62 <sup>1</sup> 3.62 <sup>1</sup> , 3.70 <sup>1</sup> 3.70 <sup>1</sup> 3.60 <sup>1</sup> , 3.70 <sup>1</sup>  6.31 <sup>1</sup>	<b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b> <b>C</b>			
<ul style="list-style-type: none"> <li>• Permanent BMP stormwater quality pond</li> </ul>	2.42 <sup>1</sup> , 3.70 <sup>1</sup> 3.60 <sup>1</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>• Inspection and Maintenance Plan</li> </ul>	3.70 <sup>1</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>• Floodplain limits, including B.F.E.'s</li> </ul>	4.30 <sup>1</sup> , 2.40 <sup>1</sup> 4.20 <sup>1</sup>				
<ul style="list-style-type: none"> <li>• Finished floor elevations of all buildings/structures (commercial/multi-family only, single-family attached can be shown on Area Grading Plans)</li> </ul>	2.34 <sup>1</sup> , 2.42 <sup>1</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>• Stormwater detention pond/water quality BMP certification note (See approved Civil Plans for requirements)</li> </ul>	3.63 <sup>1</sup>				

<b><u>FINAL DRAINAGE PLAN &amp; REPORT</u></b> <b><u>(APPLIES TO SUBURBAN, URBAN CENTERS</u></b> <b><u>AND TOD DEVELOPMENTS)</u></b>	<b><u>SECTION</u></b> <b><u>NO.</u></b>	<b><u>CRITICAL</u></b> <b><u>ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
• Retention	6.37 <sup>1</sup>				
• Drainage flow arrows	2.34 <sup>1</sup> , 2.42 <sup>1</sup>				
• Plan Review Note	2.34K <sup>1</sup> , 2.42 <sup>1</sup>				

<b><u>MAJOR CHANNELS PLAN and PROFILE</u></b>	<b><u>SECTION</u></b> <b><u>NO.</u></b>	<b><u>CRITICAL</u></b> <b><u>ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
<b>Refer to COA <u>Storm Drainage &amp; Technical Criteria Manual, Latest Revision</u></b>					
• R.O.W., Easements	2.10 <sup>1</sup>				
• Stream stabilization (bank revetment)	2.10 <sup>1</sup>	<b>C</b>			
• Grade control/drop structures	2.10 <sup>1</sup>	<b>C</b>			
• Maintenance access	6.2 <sup>1</sup>	<b>C</b>			
• Typical cross sections	2.34 <sup>1</sup> , 2.42 <sup>1</sup>	<b>C</b>			
• Minimum horizontal curves per U.D.F.C.D.	6.2 <sup>1</sup>	<b>C</b>			
• Low flow channel	6.2 <sup>1</sup>				
• Floodplain limits, including B.F.E.'s	2.40 <sup>1</sup> , 4.30 <sup>1</sup> , 2.42 <sup>1</sup>	<b>C</b>			
• Cross section detail for trails/maintenance access	6.2 <sup>1</sup>				
• Details for grade control/drop structures	2.34 <sup>1</sup> , 6.2 <sup>1</sup>	<b>C</b>			
• Points of connection details, storm sewer outfall details	6.2 <sup>1</sup>				
• U.D.F.C.D needs to be contacted for pre-construction and routine inspection for elements of the channel	2.04.5				
• Free board, free board at curves	6.20 <sup>1</sup> , 3.2 <sup>6</sup>				
• No concrete lined channels	6.20 <sup>1</sup>				



<b><u>ROADWAY PLANS</u></b>	<b><u>SECTION NO.</u></b>	<b><u>CRITICAL ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
Refer to <b><u>Roadway Design &amp; Construction Specifications Manual Latest Revision</u></b>					
<b><u>PLANS:</u></b>	<b>2.06</b>				
• Property, R.O.W. lines, easements, sidewalks	2.06.1.01, 4.02.8				
• Centerline Stationing, survey lines	2.06.1.02	<b>C</b>			
• Roadway name(s)	2.06.1.03				
• Existing and proposed utilities and structures	2.06.1.04				
• Station and critical elevation of utilities/drainage facilities including inlet centerline stationing	2.06.1.06, Std. Dtl. S1.19, Std. Dtl. S12.2				
• Flow direction arrows including curb returns	2.06.1.07				
• Station, elevation, curb returns/ curb cuts, P.C.'s, P.T.'s, & P.C.C.'s	2.06.1.09 & 2.06.2.06	<b>C</b>			
• Curb return radii, existing & proposed	2.06.1.10 & 4.04.5.03, 4.05.09				
• Station mid-block handicap ramp	2.06.1.11				
• Horizontal curve data	2.06.1.12	<b>C</b>			
• Vertical curve high or low point, station	2.06.1.09				
• Typical roadway cross sections	2.06.1.15, 4.02.1, 4.04.2	<b>C</b>			
• Centerline station of entrance drives (exception: single-family residential)	2.06.1.13				
• Survey lines tied to section corner	2.06.1.14				
• Range boxes	2.06.1.19				
• Pavement widening at non-standard horizontal curves for local streets only	4.07.10, 4.04.5.04	<b>C</b>			
• Sump inlet note	4.03.3				
• Arterial/Arterial, Boulevard/Boulevard, Multi-way Boulevard/Multi-way Boulevard, Intersection	4.05.8.06, 5.09.2				
• Concrete joint layout detail (required at partially constructed intersections)	2.06.1.20 4.04.2.09.3				
• Superelevation	4.05.3	<b>C</b>			

<u>ROADWAY PLANS</u>	<u>SECTION NO.</u>	<u>CRITICAL ITEM</u>	<u>COMPLIES?</u>		
			YES	NO	N/A
Refer to <u>Roadway Design &amp; Construction Specifications Manual Latest Revision</u>					
<b>PLANS:</b>	<b>2.06</b>				
• Connection to existing roadway and core note	4.05.10				
• Show proposed construction phasing	2.06.1.22	<b>C</b>			
• Street and Pedestrian Lights	4.10		---	---	---
• Parking Area and Parking Lots	4.07.7		---	---	---
• Loop Lanes and Motor Courts	4.04.2.08 4.04.2.09		---	---	---
<b>PROFILE:</b>	<b>2.06.2</b>				
• Original ground and proposed grade	2.06.2.01				
• Consistent design elevations	2.06.2.02				
• Continuous stationing	2.06.2.03				
• Existing/As-Built elevations/cross slope Existing elevations at centerline, edge of asphalt	2.06.2.04 & 4.05.6	<b>C</b>			
• Vertical grade breaks; station and elevation	2.06.2.07 & 4.05.5	<b>C</b>			
• Distance and slope between grade breaks and/or VPIs	2.06.2.08				
• Vertical curves; length, K, VPI, VPC, VPT, high or low point and stationing	2.06.2.09 & 4.05.7	<b>C</b>			
• Curb return profiles	2.06.2.10				
• Minimum and Maximum grades	4.05.1 & 4.07.9				
• Intersection grades (longitudinal & transverse)	4.05.4, 4.05.5, 4.05.6, & 4.05.8	<b>C</b>			
• Off-site design/construction	4.05.11				

GRADING ITEMS	SECTION NO.	CRITICAL ITEM	COMPLIES?		
			YES	NO	N/A
Refer to <u>Roadway Design &amp; Construction Specifications Manual Latest Revision</u>					
<b>GRADING PLANS:</b>	<b>2.08</b>				
<ul style="list-style-type: none"> <li>Retaining walls in plan view and typical section with material type</li> </ul>	4.02.7				
<ul style="list-style-type: none"> <li>Retaining Walls <ul style="list-style-type: none"> <li>Material type</li> <li>Height</li> <li>Label private</li> <li>Terraced</li> <li>Structural calculations</li> <li>Coordinate with site plan</li> <li>Walls &gt;4' or bench area &lt; 2H lateral separation</li> <li>Require structural details and calculations</li> <li>Poured in place walls, structural calculations with P.E. seal &amp; signature &amp; details must be submitted with the 1st Submittal</li> </ul> </li> </ul>	4.02.7 4.02.7 4.02.7 4.02.7 4.02.7 4.02.7 4.02.7 4.02.7 4.02.7 4.02.7				
<b>Final Grading Plans:</b>	<b>2.07.1</b>	<b>C</b>			
<ul style="list-style-type: none"> <li>Property/R.O.W. lines, easements, tracts, lot, and block numbers</li> </ul>	2.08.1.01				
<ul style="list-style-type: none"> <li>Existing and proposed contours, extend existing contours 50' beyond property line or street curb &amp; gutter</li> </ul>	2.08.1.02	<b>C</b>			
<ul style="list-style-type: none"> <li>Building footprints/outline</li> </ul>	2.08.1.03	<b>C</b>			
<ul style="list-style-type: none"> <li>Finished floor elevations</li> </ul>	2.07.1.03, 2.08.2.07	<b>C</b>			
<ul style="list-style-type: none"> <li>Curb, gutter, and sidewalk type and size</li> </ul>	2.08.1.04 & 4.02.2, 4.02.8				
<ul style="list-style-type: none"> <li>Spot elevations – existing and proposed</li> </ul>	2.08.1.05	<b>C</b>			
<ul style="list-style-type: none"> <li>Flow direction arrows</li> </ul>	2.08.1.05				
<ul style="list-style-type: none"> <li>Minimum slope or grade <ul style="list-style-type: none"> <li>0.5% concrete</li> <li>1.0% asphalt</li> <li>2.0% grass</li> </ul> </li> </ul>	2.08.1.06				
<ul style="list-style-type: none"> <li>Other surface drainage facilities</li> </ul>	2.08.1.07				
<ul style="list-style-type: none"> <li>CDPS permit note</li> </ul>	2.03.6.18				
<ul style="list-style-type: none"> <li>Overlot grading plan/erosion control plan</li> </ul>	2.08.3				
<ul style="list-style-type: none"> <li>Floodplain base flood elevations</li> </ul>	2.08.2.06	<b>C</b>			

GRADING ITEMS	SECTION NO.	CRITICAL ITEM	COMPLIES?		
			YES	NO	N/A
<b>Refer to <u>Roadway Design &amp; Construction Specifications Manual Latest Revision</u></b>					
<ul style="list-style-type: none"> <li>Stormwater detention pond/water quality BMP certification note (See approved civil plans for requirements)</li> </ul>	3.63 <sup>1</sup>				
<ul style="list-style-type: none"> <li>Elevation Certification Requirements</li> </ul>	4.31 <sup>1</sup> , 4.32 <sup>1</sup> 2.08.1.11, 2.08.1.10				
<ul style="list-style-type: none"> <li>Fire lane grades</li> </ul>	4.07.9				
<b><u>Single Family Area Grading Plans:</u></b>	<b>2.08</b>	<b>C</b>			
<ul style="list-style-type: none"> <li>Spot elevations, grades, flow direction arrows to define drainage</li> </ul>	2.08.2.01	<b>C</b>			
<ul style="list-style-type: none"> <li>Existing and proposed spot elevations at lot corners</li> </ul>	2.08.2.02	<b>C</b>			
<ul style="list-style-type: none"> <li>Maximum two lots draining through third</li> </ul>	2.08.2.03				
<ul style="list-style-type: none"> <li>Building footprint or envelope</li> </ul>	2.08.2.04	<b>C</b>			
<ul style="list-style-type: none"> <li>FHA lot designation</li> </ul>	2.08.2.05	<b>C</b>			
<ul style="list-style-type: none"> <li>Floodplain base flood elevations</li> </ul>	2.08.2.06	<b>C</b>			
<ul style="list-style-type: none"> <li>Fire hydrants shown</li> </ul>	2.08.2.09				
<ul style="list-style-type: none"> <li>Top of Foundation</li> </ul>	2.08.2.07				
<ul style="list-style-type: none"> <li>Inlets shown</li> </ul>	2.08.2.09				
<ul style="list-style-type: none"> <li>Side yard retaining walls</li> </ul>	2.08.2.10				
<ul style="list-style-type: none"> <li>Rear yard retaining walls</li> </ul>	2.08.2.11				
<ul style="list-style-type: none"> <li>Elevation Certification Requirements</li> </ul>	4.31 <sup>1</sup> , 2.08.2.12, 2.08.2.06				
<ul style="list-style-type: none"> <li>Steep Slope Requirements</li> </ul>	2.08.2.11, 2.08.2.10				

GRADING PLANS	SECTION NO.	CRITICAL ITEM	COMPLIES?		
			YES	NO	N/A
<b>Sidewalks, Curb and Gutter, Driveways, Railings, and Retaining Walls:</b>					
<ul style="list-style-type: none"> <li>Ramps</li> <li>Curb/Access Ramps</li> </ul>	4.02.3, 4.07.8				
<ul style="list-style-type: none"> <li>Curb cuts/drive entrances/cross pans</li> </ul>	4.02.4, 4.03.2				
<ul style="list-style-type: none"> <li>Guardrails/barricades</li> </ul>	4.02.5, 4.04.8				
<ul style="list-style-type: none"> <li>Pedestrian/bicycle hand railings</li> </ul>	4.02.6, 2.08.1.09				
<ul style="list-style-type: none"> <li>Poured in place walls structural calculations, with P.E. seal &amp; signature &amp; details must be submitted with the 1<sup>st</sup> submittal</li> </ul>	4.02.7	<b>C</b>			
<ul style="list-style-type: none"> <li>Retaining walls in plan view and typical section with material type</li> </ul>	4.02.7, 2.08.1.09				
<ul style="list-style-type: none"> <li>Handicap parking grading &lt;2% in all directions</li> </ul>	4.07.7.01.5				

STORM DRAIN PLAN & PROFILE	SECTION NO.	CRITICAL ITEM	COMPLIES?		
			YES	NO	N/A
<b>Refer to <u>Aurora Water Standard Specifications Regarding Water, Sanitary Sewer and Storm Drainage Infrastructure</u>, Latest Revision</b>					
<ul style="list-style-type: none"> <li>Elevations and stationing on profile view</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Horizontal control dimensions</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Easements with dimensions</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Pipe lengths, size, slope, inverts, bedding class for pipe and material type</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Manhole inside diameter, size of inlets</li> </ul>	6.50 <sup>1</sup> & 5.07 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Drop through manholes and inlets</li> </ul>	6.45 <sup>1</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Number of pipes and sizes coming into any manhole or inlet</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Clearance of utility crossings</li> </ul>	6.45 <sup>1</sup> & 11.08 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Show and label proposed and existing grades in profile view</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Maintenance access and utility easements</li> </ul>	3.62 <sup>1</sup> & 5.06 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Label private utilities (detention pond outlets, on-site pipes, and drainage pans)</li> </ul>	5.01 <sup>2</sup>				

<ul style="list-style-type: none"> <li>Detail of all connections to existing drainage systems and channels</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Miscellaneous appurtenance (trash racks, handrails, dowel pins, and guardrails)</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Show and label hydraulic grade lines with design frequency</li> </ul>	5.01 <sup>2</sup>	<b>C</b>			
<b><u>EROSION &amp; SEDIMENT CONTROL REPORT</u></b>	<b>SECTION NO.</b>	<b>CRITICAL ITEM</b>	<b>COMPLIES?</b>		
			<b>YES</b>	<b>NO</b>	<b>N/A</b>
<p><b>Refer to <u>City of Aurora Rules and Regulations Regarding Stormwater Discharges Associated with Construction Activities</u> for Erosion and Sediment Control Report and Plan requirements and criteria, <i>Latest Revision</i>. Additional information can be found in <u>Urban Storm Drainage Criteria Manual, Vol. 3, Best Management Practices</u>, Latest Revision</b></p>					
<ul style="list-style-type: none"> <li>Current SWMP Report Template</li> </ul>	2.2.1 <sup>3</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Signature Block includes owner and design engineer information</li> </ul>	2.2.1 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Subdivision Name and Filing No.</li> </ul>	2.2.1 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Section 6 Probable Cost sheet</li> </ul>	2.2.1 <sup>3</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Appendix A and B (Floodplain and Soils Information)</li> </ul>	2.2.1 <sup>3</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Sediment Basin calculations in Appendix D</li> </ul>	2.2.1 <sup>3</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Project Name, Location, Owner Contact, Design Firm, and other project information.</li> </ul>	2.2.2 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Standard Erosion Control Notes</li> </ul>	2.2.2(2) <sup>3</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Signature Blocks</li> </ul>	2.2.2(2) <sup>3</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Initial and Post Paving plans</li> </ul>	2.2.2 <sup>3</sup>	<b>C</b>			
<ul style="list-style-type: none"> <li>Elevation contours and drainage arrows</li> </ul>	2.2.2 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Benchmark information</li> </ul>	2.2.2 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Limits of construction and perimeter BMPs</li> </ul>	2.2.2 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Stockpile location including protection and stabilization</li> </ul>	2.2.2 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Storage areas including staging, trailer, and concrete washouts</li> </ul>	2.2.2 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Temporary roads and VTC</li> </ul>	2.2.2 <sup>3</sup>				
<ul style="list-style-type: none"> <li>Status of Initial BMPs shown on Post Paving plan</li> </ul>	2.2.2 <sup>3</sup>				

<ul style="list-style-type: none"> <li>Temporary Sediment Basin information including riser pipe details, dimensions, tributary area, volume, and discharge protection</li> </ul>	2.2.2(22) <sup>3</sup>	C			
<ul style="list-style-type: none"> <li>Slope stabilization on any slopes 4:1 or steeper</li> </ul>	2.2.2 <sup>3</sup>				

OVERALL UTILITY PLANS	SECTION NO.	CRITICAL ITEM	COMPLIES?		
			YES	NO	N/A

**Refer to Aurora Water, Standard Specifications Regarding Water, Sanitary Sewer and Storm Drainage Infrastructure, Latest Revision**

**Note:** Identify Utility Phasing - Show utility phasing on the overall utility plans. Extension agreements are issued based upon the phasing plan. The entire extension agreement must be completed prior to testing and initial acceptance.

<ul style="list-style-type: none"> <li>Resistivity test results for public water main installation</li> </ul>	5.05.2 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Standard Utility Notes</li> </ul>	5.05.1 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Fixture Unit Table and Meter Sizing Table, commercial or multi-family properties</li> </ul>	5.05.3 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Wet Tap sizes, labeled</li> </ul>	11.06 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Valves dimensioned 2 ft. from crossspan</li> </ul>	15.01 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Horizontal control dimensions</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Easements with dimensions for water meters and fire hydrants</li> </ul>	5.01 <sup>2</sup> ,5.04 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Service line piping length, size, and type of pipe, labeled in Overall Utility Plan and Profile Sheets (commercial properties only)</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Pipe length, size, and material type</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Pipe line fittings including bends, tees, valves, air reliefs, and blow-offs</li> </ul>	5.01 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Label all fire lines as "PRIVATE". Include length, size, and type of pipe</li> </ul>	5.05.4 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Finish grade at base of the hydrant (Flange Elevation)</li> </ul>	5.01 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Existing unused stub outs removed and blind flanged at main</li> </ul>	2.06 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Construction of the water line (bulkheads, blow-offs, and water availability)</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Zone boundaries, zone valves, check valves, and P.R.V.'s</li> </ul>	5.01 <sup>2</sup>	C			

<ul style="list-style-type: none"> <li>Show domestic and irrigation water meters with easements clearly labeled</li> </ul> <p><i>Note: All meter pits must be located 2' from all concrete.</i></p>	5.01 <sup>2</sup>	C			
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<b><u>SANITARY SEWER PLAN &amp; PROFILE</u></b>	<b><u>SECTION NO.</u></b>	<b><u>CRITICAL ITEM</u></b>	<b>COMPLIES?</b>		
			YES	NO	N/A
<b><u>Refer to <i>Aurora Water Standard Specifications Regarding Water, Sanitary Sewer and Storm Drainage Infrastructure</i>, Latest Revision</u></b>					
<ul style="list-style-type: none"> <li>Elevation and stationing on profile view</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Horizontal control dimensions</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Easements with dimensions</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Service line piping length, size, and slope (commercial properties only)</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Maximum length of service is 100 feet, then clean out every 100 feet</li> </ul>	23.06 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Maximum of one bend in service line, additional bends require a clean out</li> </ul>	23.06 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Pipe length, size, slope, inverts, bedding class for pipe and material type</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Manhole inside diameter/location per specifications</li> </ul>	5.06 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Tees on main, wyes on stub outs at cul-de-sacs</li> </ul>	23.05.1 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Drop through manholes (0.2 straight, 0.3 bends)</li> </ul>	5.03.4 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Utility crossings for water mains, fire hydrant laterals, fire lines, and storm sewers</li> </ul>	11.08 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Clearance of utility crossings</li> </ul>	11.08 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>Proposed and existing grades in profile view</li> </ul>	5.01 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>No direct taps to trunk lines 24" and larger without manhole</li> </ul>	23.05.1 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Label private utilities (under drains, service lines, and cleanouts)</li> </ul>	5.01 <sup>2</sup>				
<ul style="list-style-type: none"> <li>Maintenance access</li> </ul>	5.06 <sup>2</sup>	C			
<ul style="list-style-type: none"> <li>License Agreement for gravity under drains tying into mains and following the utility trench</li> </ul>	5.04 <sup>2</sup>				



<b><u>WATER LINES 16" and LARGER</u></b> <b><i>(Plan and Profile required)</i></b>	<b><u>SECTION NO.</u></b>	<b><u>CRITICAL ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
<b>Refer to <u>Aurora Water Standard Specifications Regarding Water, Sanitary Sewer and Storm Drainage Infrastructure</u>, Latest Revision</b>					
• Horizontal control dimensions	5.01 <sup>2</sup>	C			
• Easements with dimensions	5.01 <sup>2</sup>	C			
• Pipe length, size, material type, and slope	21.00 <sup>2</sup>	C			
• Pipeline fittings, including bends, tees, valves, air reliefs, and blow-offs	5.01 <sup>2</sup>	C			
• Finished grade at base of fire hydrants (flange elevation)	5.01 <sup>2</sup>				
• Existing unused stub-outs removed and blind flanged at main	2.06 <sup>2</sup>	C			
• Construction of the water line (bulkheads, blow-offs, air vacs, and water availability)	5.01 <sup>2</sup>	C			
• Zone boundaries, zone valves, check valves, and P.R.V.s	5.01 <sup>2</sup>	C			
• Elevations and stationing on profiles	5.01 <sup>2</sup>	C			
• Final grade over water line	5.01 <sup>2</sup>	C			
• Station and elevation at all breaks in grade	5.01 <sup>2</sup>	C			
• Detail thrust restraint on lines larger than 16"	11.09 <sup>2</sup>	C			

<b><u>TRAFFIC ITEMS</u></b>	<b><u>SECTION NO.</u></b>	<b><u>CRITICAL ITEM</u></b>	<b><u>COMPLIES?</u></b>		
			YES	NO	N/A
<b>Refer to <u>Roadway Design &amp; Construction Specifications</u>, Manual Latest Revision</b>					
<b><u>PLANS:</u></b>	<b>2.08</b>				
• Roadway Classifications <ul style="list-style-type: none"> <li>• Verify Typical Section based on Traffic Study, NEATS, etc.</li> <li>• Verify lane widths</li> <li>• Verify clear zone shown on typical section</li> <li>• Confirm adequate ROW based on section, turn lanes, accel/decel lanes</li> </ul>	4.04.2	C			
• Traffic pull boxes, traffic signal cabinet, and conduit shown the traffic signal plans.		C			

<ul style="list-style-type: none"> <li>• Signing and striping all streets <ul style="list-style-type: none"> <li>• Stop sign locations (determine through streets)</li> <li>• Offsite signing and striping as needed</li> </ul> </li> </ul>	2.10	<b>C</b>			
<ul style="list-style-type: none"> <li>• Taper lengths, lane shifts <ul style="list-style-type: none"> <li>• Median</li> <li>• Auxiliary</li> <li>• Through movement lanes shifts</li> <li>• As result of project phasing</li> </ul> </li> </ul>	4.05.11	<b>C</b>			
<ul style="list-style-type: none"> <li>• Turning movement <ul style="list-style-type: none"> <li>• Median nose setback</li> <li>• Island nose type</li> <li>• Autoturn</li> <li>• Turn pocket lengths match TIS</li> <li>• Pork chop placement and configuration</li> </ul> </li> </ul>					
<ul style="list-style-type: none"> <li>• Channelization to control turning movements <ul style="list-style-type: none"> <li>• Location, configuration</li> </ul> </li> </ul>					
<ul style="list-style-type: none"> <li>• Ultimate signage and striping plan submitted <ul style="list-style-type: none"> <li>• Include interim plans as required</li> </ul> </li> </ul>					
<ul style="list-style-type: none"> <li>• Removal of existing signage and striping shown on plans</li> </ul>					
<ul style="list-style-type: none"> <li>• Gating System</li> </ul>	4.07.7.02.6				
<ul style="list-style-type: none"> <li>• Sight Triangles</li> </ul>	4.04.6.03.07				
<ul style="list-style-type: none"> <li>• Curb cut/drive entrance spacing</li> </ul>	4.07.7.02.5				
<ul style="list-style-type: none"> <li>• Curb ramp locations and directions</li> </ul>	4.02.3, 4.07.8				
<ul style="list-style-type: none"> <li>• Roundabouts <ul style="list-style-type: none"> <li>○ Traffic Analysis and Consideration for a Preliminary Roundabout Design</li> <li>○ Design Guidelines</li> <li>○ Cross slope</li> <li>○ Pedestrian Crossings</li> <li>○ Pedestrian Traffic</li> <li>○ Bike Ramp Exits and Entrances</li> <li>○ Stopping Sight Distance</li> <li>○ Intersection Sight Distance (ISD)</li> <li>○ Sight Lines and Triangles</li> <li>○ Entry Grade Profiles</li> <li>○ Alignment Profiles</li> <li>○ Curb Ramp Locations</li> <li>○ Approach Grades</li> <li>○ Lane Widths</li> </ul> </li> </ul>	Section #'s 4.04.6, 4.05.2 4.04.6.03  4.04.6.04 4.04.6.04.07 4.04.6.04.21 4.04.6.04.22 4.04.6.04.23 4.04.6.04.16 4.04.6.04.17 4.04.6.03.07 4.04.5.2.02 2.06.3	<b>C</b>	_____	_____	_____
<ul style="list-style-type: none"> <li>• Notes indicating marking material shown on the signage and striping plans</li> </ul>	2.10.1				
<ul style="list-style-type: none"> <li>• Accel/decel lanes and dual left turn lanes (as required by the traffic impact study) shown on the plan and profile and the signage and striping plans</li> </ul>					
<ul style="list-style-type: none"> <li>• Interim or temporary signage and striping plan submitted for phased projects</li> </ul>		<b>C</b>			

<ul style="list-style-type: none"> <li>• Additional work to tie-in to existing, roads addressed: <ul style="list-style-type: none"> <li>a. Existing signing and striping</li> <li>b. Tapers to existing cross section, 15:1 minimum</li> <li>c. Additional off-site signage and striping changes caused by the new construction</li> <li>d. Phasing</li> <li>e. Check against other plan sets</li> <li>f. Median locations match</li> <li>g. Lane shifts</li> </ul> </li> </ul>		<b>C</b>			
<ul style="list-style-type: none"> <li>• Signalization Plan for signal work to be installed or modified with the project <ul style="list-style-type: none"> <li>a. Intersection Plan</li> <li>b. Phasing Diagram and Flash Program</li> <li>c. Additional signage and striping</li> <li>d. Cabinet locations</li> <li>e. Sheets for existing, proposed, interim, ultimate, etc.</li> </ul> </li> </ul>		<b>C</b>			
<ul style="list-style-type: none"> <li>• Traffic Control</li> </ul>					