

## Built Environment Proposal Rubric for Geospatial Skills

Criteria	Exemplary	Proficient	Adequate	Needs Improvement
<p>Use GIS to manage, display, query, and analyze geospatial data.</p> <p>Use geospatial analysis to process geospatial data for the purpose of making calculations, and inferences about space, geospatial patterns, and geospatial relationships.</p> <p>Use geospatial data analysis in which geospatial relationships such as distance, direction, and topologic relationships (e.g. adjacency, connectivity, and overlap) are particularly relevant.</p> <p>Row 1: Precision about using geographic language.</p> <p>Row 2: Precision about using the geographic tool (Web GIS).</p> <p>Row 3: Articulating spatial relationship.</p>	<p>The policy describes <b>specific</b> and precise geographic locations using geographic language for 4 different types of ward improvements including:</p> <ul style="list-style-type: none"> <li>• New commercial (business) areas with restaurants, groceries, and other service businesses. (For example: the empty building on 7<sup>th</sup> street between Main St. and Allen St. would be a new development site for new stores, restaurants, and affordable housing).</li> <li>• Locations for new park, playgrounds, green spaces, and/or open space areas.</li> <li>• Two other locations for quality new development for community resource needs.</li> </ul> <p>No images are needed to identify the location. Verbal explanation alone is sufficient.</p>	<p>The policy describes geographic locations for 3 different types of ward improvements.</p>	<p>The policy describes geographic locations for 2 different types of ward improvements.</p>	<p>The policy describes geographic locations for 1 or no different types of ward improvements or <b>the geographic location description is not accurate or precise</b> (for example: left of the park).</p>

	<p>At least six graphics (screen shots) from the Web GIS are included. These include:  <b>One</b> graphic (screenshot) that shows the location of your ward in the city of Allentown.  <b>One</b> graphic (screenshot) that shows the features of your ward.  <b>At least 4 Web GIS graphics (screenshots)</b>, one for each type of improvement you would make in your ward.          Added detail is present through detailed imagery added, labels, legends, and so forth. (For example, pictures of vacant areas, specific street blocks).</p>	<p>Four or five graphics (screen shots) from the Web GIS are included. Added detail is present through detailed imagery, labels, legends, and so forth in all screenshots. (For example, pictures of vacant areas, specific street blocks).</p>	<p>Two or three graphics (screen shots) from the Web GIS are included. At least one screenshot from the Web GIS is included that includes some detail such as a polygon to identify a new development area.</p>	<p>One or zero screen shots from the Web GIS are included, or included detail is inaccurate or misleading.</p>
	<p>The discussed improvement locations (both selected and non-selected alternative) <b>take into account four or more geospatial relationships</b>, at least one distinct geospatial relationship noted for each location (for example, existing government services, businesses, population distribution patterns, housing patterns or interactions among any two factors)</p>	<p>The discussed improvement locations (both selected and non-selected alternative) take into account <b>three geospatial relationships</b>, at least one distinct geospatial relationship noted for each location (for example, existing government services, businesses, population distribution patterns, housing patterns or interactions among any two factors)</p>	<p>The discussed improvement locations (both selected and non-selected alternative) take into account <b>two geospatial relationships</b>, at least one distinct geospatial relationship noted for each location (for example, existing government services, businesses, population distribution patterns, housing patterns or interactions among any two factors)</p>	<p>The discussed improvement locations (both selected and non-selected alternative) take into account only <b>one geospatial relationship</b> (for example, existing government services, businesses, population distribution patterns, housing patterns or interactions among any two factors)</p>

<p>Use inductive and deductive reasoning to analyze, synthesize, compare, and interpret information.</p> <p>Use logic and reasoning to identify strengths and weaknesses of alternative solutions, conclusions, or approaches to problems.</p>	<p>At least four site selection improvements will benefit the people in the ward.</p> <p>All four site selection improvements are practical and realistic.</p>	<p>Three site selection improvements will benefit the people in the ward.</p> <p>Three site selection improvements are practical and realistic.</p>	<p>Two site selection improvements will benefit the people in the ward.</p> <p>One or two site selection improvements are practical.</p>	<p>No site selection improvements will benefit the people in the ward.</p> <p>No site selection improvements are practical.</p>
	<p>A valid justification is provided that clearly explains with <b>much detail</b> why the <b>four recommended location improvements</b> are ideal locations. The four recommended location improvements are appropriate.</p>	<p>A valid justification is provided that explains why <b>three recommended location improvements</b> are ideal locations.</p>	<p>A valid justification is provided that explains why <b>one or two recommended location improvements</b> are ideal locations.</p>	<p>A valid justification is <b>not provided</b> that explains why any of the recommended locations are ideal locations.</p>
	<p>Two or more alternative locations for a ward improvement that was not selected are addressed with <b>much detail</b>.</p>	<p>One alternative location for a ward improvement that was not selected is addressed with <b>much detail</b>.</p>	<p>One alternative location for a ward improvement that was not selected is addressed.</p>	<p>Does not address alternative locations.</p>
	<p>The environmental, social, and / or economic benefits for at least four location improvements are included. Proposal articulates who benefits and what is impacted. <b>Explanations are very detailed.</b></p>	<p>The environmental social, and / or economic benefits for three location improvements are included. Proposal articulates who benefits and what is impacted. <b>Explanations are detailed.</b></p>	<p>The environmental, social, and / or economic benefits for two location improvements are included. Proposal articulates who benefits and what is impacted.</p>	<p>The environmental, social, and / or economic benefits for one location improvement is included.</p>