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| UseCaseID | UC-GIS002 |
| Module | Geographical Information Systems |
| SubModule | [Enter sub module from Work Breakdown Structure (if exists)] |
| Summary | |
| Description | Geographical information is needed to have a basis for managing precinct, district and consolidation information. Geographical information may include an index of street, parcels, zip codes, addresses, latitude and longitude information, legal descriptions as township and range. This information will be needed to be maintained and updated based on updates from other agencies such as assessor and building departments. |
| Trigger Events | Staff identifies a need to manage the geographic information in the system |
| Precondition | Staff has appropriate security rights |
| ExpectedResult | The geographical information has been updated |
| DetailedProcessFlow | <ol style="list-style-type: none"> 1. Staff selects the option in the system to manage geographic information <ul style="list-style-type: none"> ▪ The system shall allow staff to manage geographical information ▪ The system shall display a summary of geographic information in the system including but not limited to: Information that has been uploaded or modified, date, time, user that uploaded and/or modified information. 2. The staff selects option to update zip codes <ul style="list-style-type: none"> ▪ The system shall allow staff the ability to update zip code information with the plus 4 zip code. 3. Staff selects the option to update the index of streets <ul style="list-style-type: none"> ▪ The system shall allow staff to update the index of streets ▪ The system shall allow staff to update street alias information 2. Staff selects the option to update address <ul style="list-style-type: none"> ▪ The system shall allow staff to update addresses 3. Staff selects the option to submit/save geographic information <ul style="list-style-type: none"> ▪ The system shall validate that all the geographical information in an election includes all the precincts defined for an election. |
| AlternateFlow | NA |
| Parent | [Parent id of the Use Case as documented in Project Scope or Business Case] |
| Requirements | <p>UC-GIS002-01 The system shall allow ESRI GIS products to interface with, write to and download from the EMS database in order to manage streets and geographic information including making updates to the voter street, precinct, and district tables.</p> <p>UC-GIS002-02 The system shall have the capability to identify residential addresses as a valid address and planned zoned for residences or individual addresses.</p> <p>UC-GIS002-03 The system shall have the capability to identify residential addresses (or block of address) as business address or PMB addresses to prevent the address being used for registration.</p> <p>UC-GIS002-04 The system shall have the capability to validate zip codes against valid zip codes including using plus 4 zip codes.</p> |

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| | <p>UC-GIS002-05 The system shall display a summary of geographic information in the system including but not limited to: Information that has been uploaded or modified, date, time, user that uploaded and/or modified information.</p> <p>UC-GIS002-06 The system shall allow staff to update the index of streets</p> <p>UC-GIS002-07The system shall allow staff to update street alias information</p> |
| RequirementID | [List of requirement IDs in Use Case] |
| Risk | [List of Risk IDs] |
| Actors | Staff |
| Documents | [List of documentation name, Link or location] |
| Author | Phillip George, Andre-Justin Simmons |
| Signoff | GIS |
| Date | [Date Signed off as Complete] |