



E-470 Hazardous Material Route Designation

City Council Study Session - December 11, 2018

City Staff Representative: Mike Tylka, AICP, Senior Planner



- Strong Regional Relationships and Partnerships



- Safe, Active, and Engaged Community





Purpose

- Direction of City Council at the October 23rd Study Session regarding the potential designation of E-470 as a Hazardous Material (“HazMat”) Route was to provide additional information.
- Staff is looking for direction as to whether or not the City Council wishes to support the HazMat designation of E-470.
- The E-470 Public Highway Authority (“the Authority”) has reached out to its member jurisdictions to start the designation process.

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Background

- Process is regulated by the Colorado State Patrol.
- The Authority and CDOT are willing to assist with the process.
- A HazMat route analysis must be completed before a petition can be filed.



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Criteria to Consider

- Colorado Revised Statutes Title 42, 'Vehicles and Traffic', Article 20, 'Transportation of Hazardous and Nuclear Materials', outlines the procedures for the route designation for hazardous materials.
- The Authority itself is not eligible to directly petition the Patrol for designation.
- The Authority's member jurisdictions are empowered to petition the Patrol for those portions of the highway that lie within their respective jurisdictions.

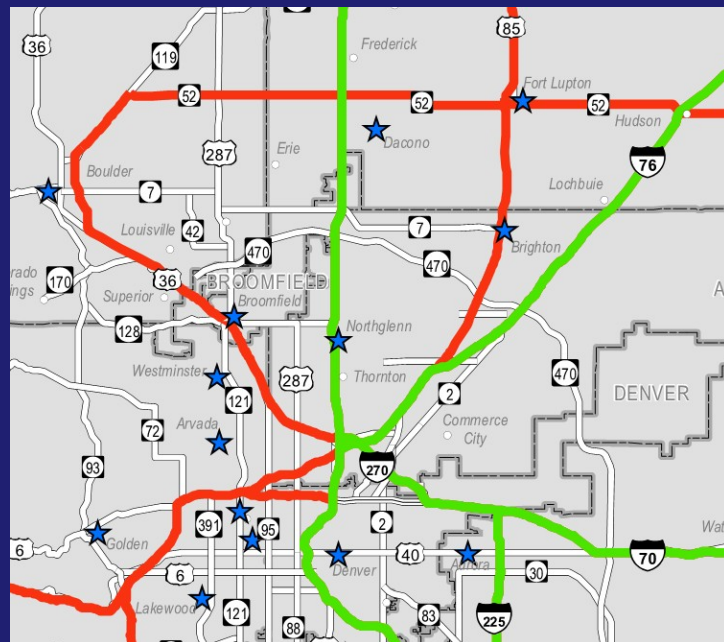
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Summary of Findings / Staff Analysis

- Current Brighton and nearby routes
- HazMat haulers
- Potential sections of designation



Designated Nuclear and Hazardous Materials Route
Designated Hazardous Materials Route

Base Map Source: CDOT's HazMat Routes

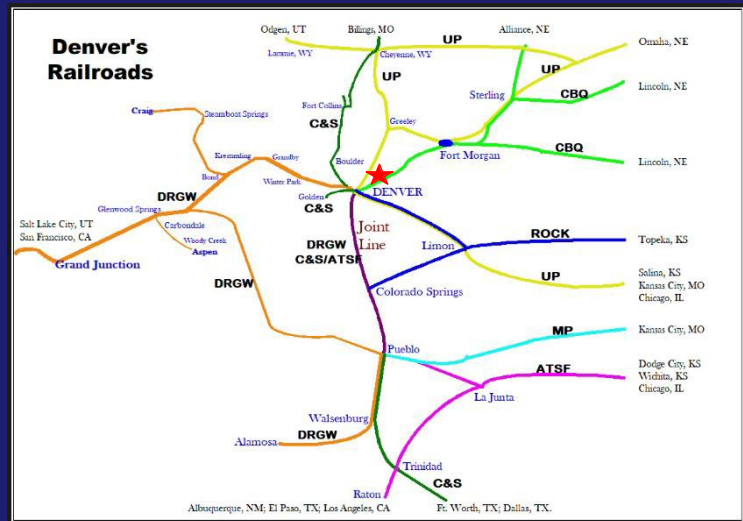
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Summary of Findings / Staff Analysis

- Two railroad lines running through Brighton



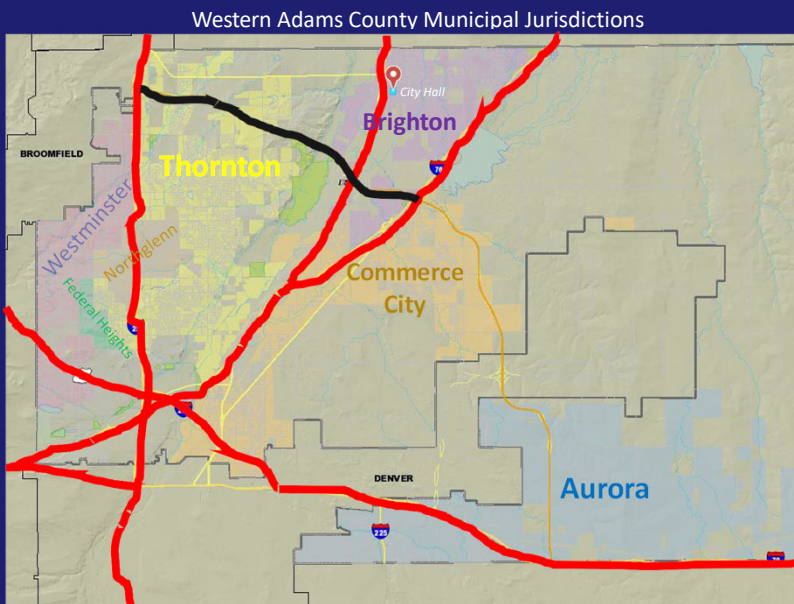
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Summary of Findings / Staff Analysis

- Four jurisdictions in favor
 - Adams and Douglas Counties, Parker, and Thornton
- One jurisdiction opposed
 - Aurora
- Three jurisdictions have yet to respond
 - Brighton, Commerce City, and Arapahoe County



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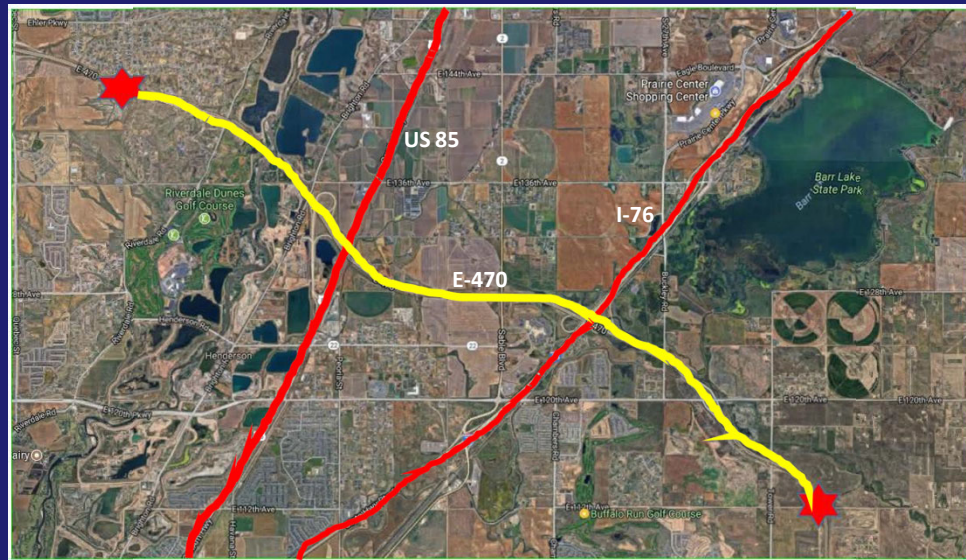
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Staff Analysis

- Brighton Fire Rescue District's position

9 Mile Emergency Service Area as Set by an IGA Between the Fire District and the Authority



Base Map Source: Google Maps

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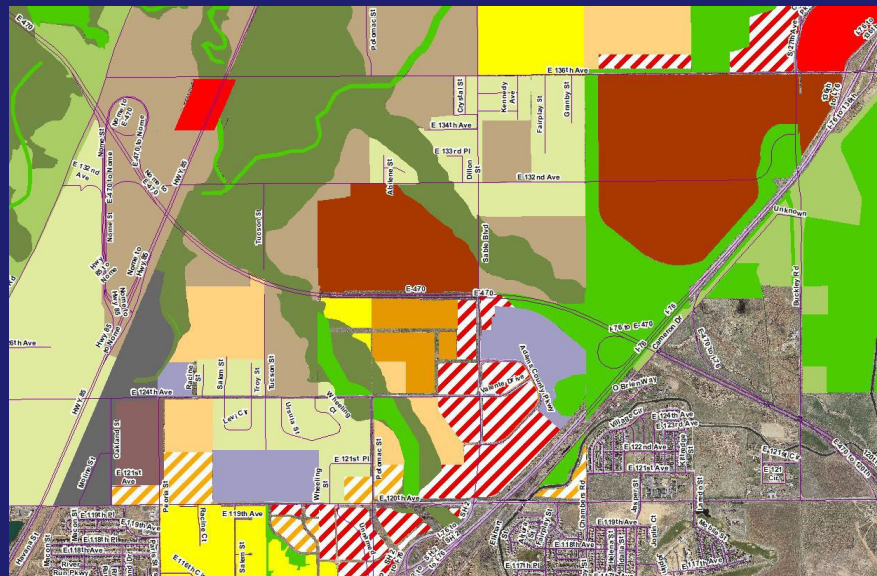


Staff Analysis

- Review of Area Comprehensive Plan Designations

	Agriculture
	Commercial
	Downtown
	Employment - Commercial
	Employment - Industrial
	Estate Residential
	High Density Residential
	Industrial
	Local District Mixed Use
	Low Density Residential
	Medium Density Residential
	Mixed Use Commercial
	Mixed Use Residential
	Natural Resource Conservation
	Parks/Open Space
	Public Land

E-470 in Relation to Brighton's Comprehensive Plan Areas



Base Map Source: Brighton GIS

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Summary of Findings / Staff Analysis

❖ Pros:

- An alternative transportation route for hazardous materials may reduce the hauling that is occurring on local roadways and get the vehicles on to designated routes more quickly.
- The additional route option for haulers may help avoid more densely populated areas in the region.
- The Fire District has stated they support the petition and are able to serve the additional route.



Summary of Findings / Staff Analysis

❖ Cons:

- Adds an additional HazMat route to the City (the City already has two roadways and two railroads that have been designated as such).
- Brighton may be taking on more than its fair share of HazMat designated routes as compared to other communities in the region.
- At this point in time, it is unknown as to how much additional traffic this will create or reroute.
- There is a possibility of fire and rescue operational issues not being properly addressed.
- Uncertain impact on economic development opportunities and prospects in the area.
- Uncertain impact on desirability of undeveloped land designated in the Comprehensive Plan as High Density Residential, Mixed-Use Commercial, and Employment – Commercial. Additionally, may also impact the ability to build-out as a DRCOG Urban Activity Center.
- Uncertain impact on the Local District Mixed Use designation areas.
- Uncertain impact on existing and future residents of the area in regards to health, safety and welfare.
- Uncertain impact on staff time and resources, particularly of the Police Department.
- Additional unintended consequences of designation in a fast growing area.
- Uncertainty as to if the designation could be rescinded in the future.



Staff Recommendation

- City staff is not making a formal recommendation to City Council at this time as it has numerous unanswered concerns.



Next Step

- A formal vote would need to occur for the City to issue a letter of support or opposition.
- If Council provides direction that they are generally in support or opposed to the designation, City staff will schedule the item for an upcoming City Council meeting, provide a draft Resolution, and provide a draft letter in support or in opposition of designation.