



Fremont County Department of Planning and Zoning Roadway Impact Analysis Form

This form shall be used in conjunction with any applications submitted in accordance with Section 8 of the Fremont County Zoning Resolution and or Section VI of the Fremont County Subdivision Regulations. This form is considered a minimum application submittal item and shall be required to be provided at the time of application submittal. This form is intended to provide the minimum items that must be addressed in the roadway impact analysis. The form can be expanded or attachments can be made to further address the roadway impact of the proposed use. **If the estimated average daily traffic increase is less than thirty (30) vehicle trips per day (*one trip to be considered as a single or one-direction vehicle movement with either the origin or the destination [exiting or entering] inside the subject property*) as per the Institute of Transportation Engineers, Trip Generation Handbook, Second Edition or subsequent editions for the entire development, as estimated by the project engineer, then a Roadway Impact Analysis will not be required to be completed by an engineer. In such situations other minimum items shall be addressed by the applicant.**

1. Project Name _____

2. Type of application:

- | | |
|--|---|
| <input type="checkbox"/> Zone Change #1 | <input type="checkbox"/> Special Review Use Permit |
| <input type="checkbox"/> Zone Change #2 – Use Designation Plan | <input type="checkbox"/> Conditional Use Permit |
| <input type="checkbox"/> Zone Change #2 – Final Development Plan | <input type="checkbox"/> Temporary Use Permit |
| <input type="checkbox"/> Commercial Development Plan | <input type="checkbox"/> Change of Use of Property |
| <input type="checkbox"/> Commercial Development Modification | <input type="checkbox"/> Subdivision Preliminary Plan |
| <input type="checkbox"/> Expansion of an existing Business or Industrial Use | |

3. Engineer: _____ Address: _____
 City: _____ State: _____ Zip Code: _____
 Telephone #: () _____ Facsimile #: () _____ Email _____

4. Provide a detailed description of the proposed use: _____

5. Provide the estimated average daily traffic to be generated by the proposed use(s), using the Institute of Transportation Engineers, Trip Generation Handbook, Second Edition or subsequent editions. The estimated volumes of traffic to be generated by the proposed use(s) shall include as a minimum, the average weekday traffic volume and the peak-hour (*morning and afternoon*) traffic volumes. Specify the number of trips in each category. (*one trip to be considered as a single or one-direction vehicle movement with either the origin or the destination [exiting or entering] inside the subject property*)

Residential: _____ daily, _____ peak-hour am, _____ peak-hour pm _____
 Employee: _____ daily, _____ peak-hour am, _____ peak-hour pm _____

Customer: _____ daily, _____ peak-hour am, _____ peak-hour pm

Truck generated by the proposed use: _____ daily, _____ peak-hour am, _____ peak-hour pm

Delivery – required by the use: _____ daily, _____ peak-hour am, _____ peak-hour pm

Total Vehicle Trips: _____ daily, _____ peak-hour am, _____ peak-hour pm

I certify that based on the proposed use(s) the total vehicle trips using the Institute of Transportation Engineers, Trip Generation Handbook, Second Edition or subsequent editions will average less than thirty (30) trips per day based on any fourteen (14) day time frame.

_____ Date _____ Seal

Colorado Licensed Professional Engineer

If the above has been certified, then the applicant can complete the form and acknowledge it. If completed by the applicant only the questions marked by asterisk (*) are required to be answered.

NOTE: If the additional information provided warrants improvements to the roadway system, even though the traffic generated by the proposed use is less than thirty (30) trips per day, such improvements will be required. If in the future the use exceeds an average of thirty (30) trips per day a complete analysis could be required.

6. *What is the general location of the subject property? _____

7. *What are the names and/or the numbers of the public roadways that serve the site? _____

Provide a site plan drawing that shows the subject property, its proposed access points and all public roadways within a one-half (1/2) mile radius of the subject property, marked as Exhibit 7.1. An exhibit has been attached.

8. *What is the classification, according to the Fremont County Master Plan, of the roadway from which the project site will gain access to the public transportation system?

Expressway or Freeway --- Major Arterial --- Arterial --- Collector --- Local

9. *Do the roadways in question lie within a three (3) mile radius of any incorporated town or city limits or the boundary of another County? Yes --- No

If yes, provide the name(s) of the jurisdiction(s): _____

In addition if a new roadway is to be constructed, how will it comply with the transportation plan in effect for the municipality? _____

10. *Will this project require a Fremont County Driveway Access Permit or a Colorado Department of Transportation (CDOT) State Highway Access Permit? Yes --- No

Please explain: _____

11. *Will the project require construction of, or improvement to any roadway maintained by the CDOT?
 Yes --- No
If yes, will the proposed construction or improvement be in compliance with CDOT's "5 Year Transportation Plan"? Yes --- No Please Explain _____

Has CDOT required that the applicant provide a traffic study? Yes --- No
If yes, a copy of the study shall be attached to this application, marked as Exhibit 11.1. An exhibit has been attached.

12. *Will the project require construction of, or improvement to any roadway currently maintained or proposed to be maintained by the County? Yes --- No
If yes, what would be the social, economic, land use, safety and environmental impacts and effects of the new roadway on the existing transportation system and neighborhood? _____

13. *Are any roadways proposed to be vacated or closed in conjunction with the proposed project?
Yes --- No
If yes, please explain. _____

14. *Is the proposed project site adjacent to or viewable from any portion of the Gold Belt Tour Scenic Byway or other scenic corridor designated by the Master Plan? Yes --- No
If yes, identify the byway and or scenic corridor: _____
If yes, explain how the scenic quality will be affected by the proposed project. _____

If yes, what measures will be taken to not have a negative impact on the byway and or scenic corridor? _____

15. *Will the proposed project gain access to the public transportation system via 3rd, 9th, K and or R Streets in the Penrose-Beaver Park Area of the County? Yes --- No

16. *Does the subject property have frontage on a public roadway? Yes --- No
If answered no, then documentation evidencing a "right of access" to the subject property for the proposed use shall be attached marked as Exhibit 16.1. An exhibit has been attached. If answered no, then please explain what the right of access consists of: _____

17. *What is the right-of-way width of the public roadway(s) that serve the site? _____

18. *What is the surface type of the public roadway(s) that serve the site? _____

19. *What is the surface width of the public roadway(s) that serve the site? _____

20. *What are the existing drainage facilities for the public roadway(s) that serve the site? _____

21. *Does the public roadway(s) that serves the site have curb and gutter? Yes --- No

If answered yes, what is the type of curb and gutter? _____

22. *Does the public roadway(s) that serves the site have adjacent sidewalks or other pedestrian ways?

Yes --- No

If answered yes, what is the width(s) and surface type(s)? _____

23. *How many access points will the subject property have to public roadways? _____

24. *Will the proposed roadways that access the public roadways intersect the public roadways other than at perpendicular? Yes --- No

If answered yes, please explain: _____

25. *What are the sight distances, in all directions, from the subject property access point(s) along the public roadway that serves the site? (*mark and provide distance for each that is applicable*)

Northerly, site distance: _____ Southerly, site distance: _____

Easterly, site distance: _____ Westerly, site distance: _____

26. *What are the distances from the subject property access point(s), in all directions, to the nearest intersection with another public roadway along the public roadway that serves the site? (*mark and provide distance for each that is applicable*)

Northerly, distance: _____ Southerly, distance: _____

Easterly, distance: _____ Westerly, distance: _____

27. *What are the distances from the subject property access point(s), in all directions, to the nearest driveway(s) along the public roadway that serves the site? (*mark and provide distance for each that is applicable*)

Northerly, distance: _____ Southerly, distance: _____

Easterly, distance: _____ Westerly, distance: _____

28. *What are the distances from the subject property access point(s), in all directions, to the nearest blind curve(s) along the public roadway that serves the site? (*mark and provide distance for each that is applicable*)

Northerly, distance: _____ Southerly, distance: _____

Easterly, distance: _____ Westerly, distance: _____

29. *What are the distances from the subject property access point(s), in all directions, to the nearest blind hill(s) along the public roadway that serves the site? (mark and provide distance for each that is applicable)

Northerly, distance: _____ Southerly, distance: _____
 Easterly, distance: _____ Westerly, distance: _____

30. *Identify any and all hazardous conditions with regard to the public roadway(s) that provide access to the subject property in the general area of the subject property: _____

If the public roadway(s) that currently serve the subject property have any hazardous conditions, then recommendations shall be made for improvements that will decrease the hazardous conditions on the public roadway(s): _____

31. *Explain what effect the proposed use will have on the existing traffic in the neighborhood. If no change is expected, please explain why no change is expected: _____

32. *Will the proposed use, due to the increase in traffic or the type of vehicle traffic generated by the proposed use, change the level and or type of required maintenance for the public roadway(s) that serve the site? Yes --- No, (please explain) _____

If the proposed use, due to the increase in traffic or the type of vehicle traffic generated by the proposed use, changes the level and or type of required maintenance for the public roadway(s) that serve the site, then recommendations shall be made that would lessen the maintenance impact for the entity in control of maintenance of the public roadway(s): _____

Note: If improvements are required, it may be mandatory that such improvement be installed prior to final approval of the application.

33. *Are new roadways proposed to be constructed, on or off site, in association with the proposed project? Yes --- No If yes, provide evidence that the roadways will be constructed to conform to natural contours in order to minimize soil disturbance, cut and fills, protect drainageways and not create to unstable slopes. _____

34. Provide an analysis of the existing traffic volumes on the adjacent roadway system, including the average weekday traffic (*vehicles per day*) and the weekday peak-hour traffic (*vehicles per hour – am and pm*), showing the dates and times of traffic counts or source utilized for traffic volume counts. Determine the existing level of service or percentage of roadway capacity currently in use.

Roadway name or # _____ average weekday traffic _____
Weekday peak-hour traffic _____ am _____ dates _____ times
Weekday peak-hour traffic _____ pm _____ dates _____ times
Current level of service - % of roadway in use _____

Roadway name or # _____ average weekday traffic _____
Weekday peak-hour traffic _____ am _____ dates _____ times
Weekday peak-hour traffic _____ pm _____ dates _____ times
Current level of service / % of roadway in use _____

Roadway name or # _____ average weekday traffic _____
Weekday peak-hour traffic _____ am _____ dates _____ times
Weekday peak-hour traffic _____ pm _____ dates _____ times
Current level of service / % of roadway in use _____

35. Provide an estimate of the probable traffic directional distribution from and to the subject property based on the proposed use(s) and assignment of the estimated traffic volumes to the adjacent roadway network. Estimate the future background and resulting total traffic volumes (*including the estimated generated traffic due to the proposed use*) on the adjacent roadway system for a twenty (20) year design period, showing volumes for both left and right turn movements as well as through traffic. _____

36. Determine the projected future levels of service or percentage of roadway capacity to be in use at the subject property's access points and key adjacent intersections. Provide recommendations for street and access improvements if any portions of the roadways do not have the capacity to accept the additional estimated traffic volumes. All necessary improvements will be required to be designed, completed and accepted by the County prior to any final action regarding the application.

37. Please provide any additional information considered by the Certifying Engineer to be pertinent to the roadway impact in association with the proposed project: _____

I hereby certify that the foregoing information was prepared by myself or under my direct supervision and is true and correct to the best of my knowledge and belief.

_____ Date _____
Colorado Licensed Professional Engineer

SEAL

If not completed by an Engineer, then the following acknowledgement shall be signed by the applicant and/or owner.

By signing this Application, the Applicant, or the agent/representative acting with due authorization on behalf of the Applicant, hereby certifies that all information contained in the application and any attachments to the Application, is true and correct to the best of Applicant's knowledge and belief.

Applicant understands that any required private or public improvements imposed as a contingency for approval of the application may be required as a part of the approval process.

Fremont County hereby advises Applicant that if any material information contained herein is determined to be misleading, inaccurate or false, the Board of Commissioners may take any and all reasonable and appropriate steps to declare actions of the Board regarding the Application to be null and void.

Signing this Application is a declaration by the Applicant to conform to all plans, drawings, and commitments submitted with or contained within this Application, provided that the same is in conformance with the Fremont County Zoning Resolution.

Applicant Printed Name

Signature

Date

Owner Printed Name

Signature

Date