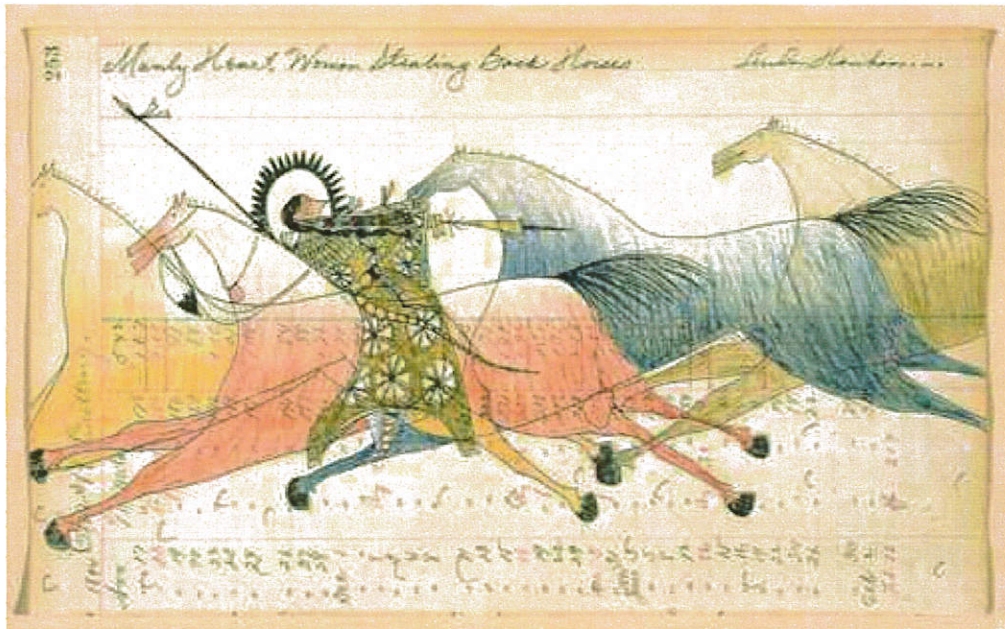


EQUINOX



A Public Art collaboration by Doug Erion, Jack Kreutzer and Doug Rutledge for the
City of Loveland: Interstate 25/Highway 34 Interchange

EQUINOX

Artist's Statement

Public Art adds a human aesthetic to the practical realities of public infrastructure and architecture. As a local team of artists, we are committed to the integration of art and place; an opportunity for us to join together to create a community identity that will engage and entertain citizens and visitors while it speaks to the history and spirit of the Loveland community.

We believe the strengths each team member brings to this collaborative community sculpture adds synergy and power to a project that could not be realized as individuals. The goal to create a work of art that has identity and scale while it projects a modern outlook in both materials and treatment is foremost in our approach.

We titled the sculpture EQUINOX to put a name to the balance between the past and the future. We are excited about the future and we embrace the lessons of the past. So EQUINOX is a contemporary statement of time and place. It is a statement of where our community has been in the past and where it is going in the future. And, it is a statement of aesthetic beauty and understanding that says we care about where we live and we want others to know Loveland is a special place.

Doug Erion

Jack Kreutzer

Doug Rutledge



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ACTIAN, INC

411 East Fifth

PO Box 239

Loveland, Colorado 80539

July 19, 2013

Dear Selection Committee;

Thank you for the opportunity to present EQUINOX to the Loveland Art in Public Places selection committee. We hope you concur that we achieved the goal of showcasing Loveland history and spirit at a scale that creates a signature work of art for this important Loveland interchange.

The following addresses topics of interest mentioned by the committee and committee members at the presentation.

COLOR: Final color selection will be a collaborative process with the committee and subject to CDOT approval.

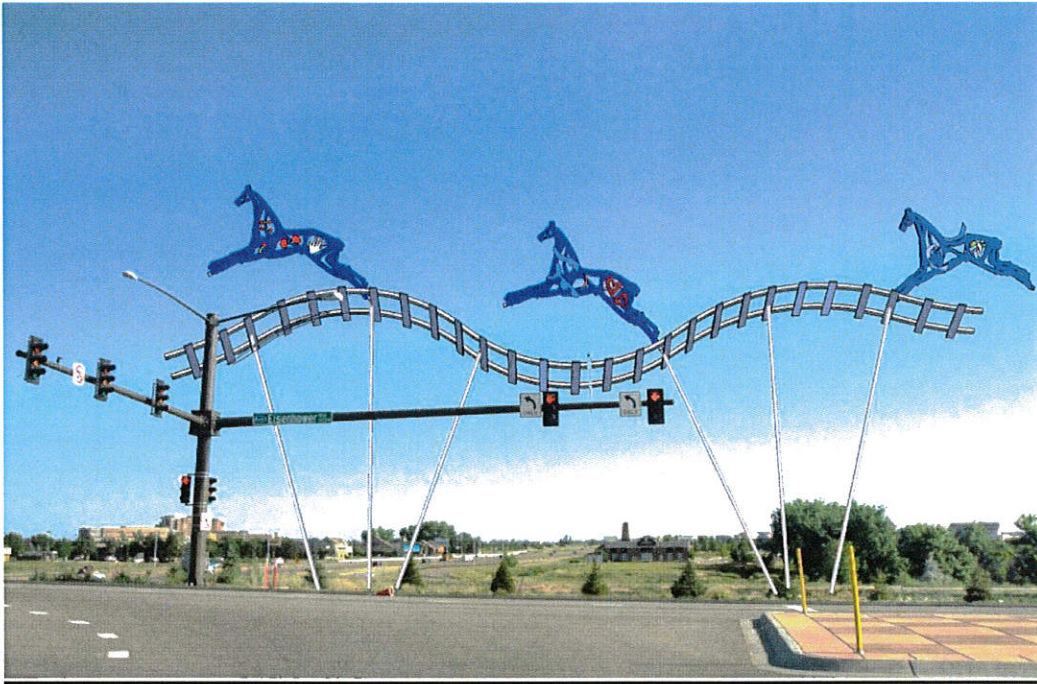
WIND DEFLECTION: Based on preliminary analysis, the horizontal deflection at the very top of the sculpture in a 90 mph wind is approximately 14". This is less than 16% of the deflection limit permitted by the "Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals" published by the American Association of State Highway and Transportation Officials (AASHTO).

PAINT: All components of the installation will be coated with a multi-coat high-performance industrial coating system applied over blast-cleaned steel surfaces. This coating system, which is much more weather-resistant than commonly used enamel paint applied over a "rust-inhibitive" primer, has demonstrated a very long lifetime in countless commercial and industrial applications. We do not anticipate that this system will require recoating any sooner than 20 years, and will probably last longer than that. When it eventually does need to be recoated, the individual elements of the sculpture will be bolted together to allow for disassembly for recoating at an off-site location.

MAINTENANCE: The sculpture will require no regular maintenance. If an excessive amount of highway grime should accumulate, high pressure washing can be used to clean the any of the surfaces.

SCHEDULE: Anticipated installation will occur six months after receiving the notice to proceed. EQUINOX should be installed in time for the 2014 Loveland tourist season.

COST: Production costs for EQUINOX will remain within or below budgeted amounts due to the use of local contractors, suppliers and artists. Any funds unused by the project will be returned to the City.



EQUINOX image looking north



EQUINOX image looking west

CONSTRUCTION and SCALE

-EQUINOX is approximately 50' high at the highest point by 100' long-

Horse Armature: Each horse will have an armature of welded six inch and four inch square steel tube finished with the intent that the armature will be seen and add a contemporary presence to the sculpture. The size is approximately 12 feet high by 24 feet long for each horse.

Horse Silhouette: Each horse silhouette will be plasma cut from ¼ inch steel plate. The silhouette will be bolted to the armature. Each silhouette is approximately 12 feet high by 24 feet long (picture two Chevrolet Suburban trucks stacked one atop the other).

Salvaged and Fabricated Steel Ornamentation: Various sizes, shapes and symbols to complement the theme. The ornaments will be bolted to the horses using spacers to add a third dimension. There will be no kinetic features to the ornamentation.

Railway: The railway will be constructed using 6 inch steel tube allowing the bending of the railway into an interesting and sight pleasing visual effect. The ties will be 1/2 inch steel plate attached to the rails. The rail is approximately 100 feet long.

Steel Supports: The vertical steel supports will be 6 to 7 inch steel tube. The supports will range in height from approximately 30 feet to 40 feet over the course of the railway.

Steel Finish: The steel will be painted or powder coated in appropriate colors to advance the theme. We believe color should be a joint decision between the artists, the commission and CDOT.

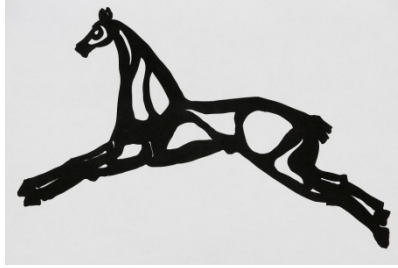
Maintenance: The sculpture will require very little maintenance. The foundation will be constructed of reinforced concrete and/or helical piers and should have a life expectancy of more than 100 years. All surfaces of the sculpture will be coated with high performance industrial grade paint or powder coating applied over a blast cleaned substrate. These types of coatings are commonly used for commercial and industrial structures exposed to all types of weather conditions, and typically have a life expectancy before recoating of 25 years or more. The sculpture will be located at a considerable distance from the roadway in a location where road splash should be minimal. If, however, cleaning should be required, the surfaces can be cleaned using common power washing equipment. The sculpture should be visually inspected one year after installation and approximately every five years thereafter to determine if any damage or deterioration has occurred.

Safety: As a means of achieving a safe sculpture of this scale, the structural elements of the sculpture will be designed by licensed professional engineers using the design standards of the American Institute of Steel Construction. Design loads for wind and seismic forces will be the

same as used for design of building structures in the Loveland area, as established by local building code. The foundation for the sculpture will be designed using accepted methods for design of foundations for building structures. All materials used for construction of the structural elements of the sculpture will conform to appropriate A.S.T.M. standards. Welding of structural elements will be accomplished by A.W.S. certified welders using code-approved welding procedures.

Note: Equinox engineered design, fabrication, construction and installation will be accomplished using Northern Colorado sub-contractors.

Light: We believe there is an opportunity to light the sculpture either as part of the sculpture or to illuminate the sculpture. We think this would need to be decided with the help of the commission and CDOT. Lighting is not included in the budget.



EQUINOX

HISTORIC SIGNIFICANCE AND SYMBOLISM

NAME: EQUINOX signifies a balance of time; half of the day is history and half the day lies in the future.

HORSE IMAGE: Derived from the “ledger art” of the Arapaho and Southern Cheyenne, native residents of the Loveland plains. The horse is a symbol of the West both in past and contemporary culture.

RAILROAD IMAGE: WAH Loveland brought the Colorado Central Railroad to Loveland in 1877, the town was named for this early entrepreneur and important figure in Colorado history.

HAND SYMBOL: The hand is a symbol for community. Volunteering and “lending a hand” are deeply ingrained in the Loveland community.

SUGAR BEET & CHERRY SYMBOLS: Agriculture past and present plays an important role in defining the spirit of the Loveland community.

HEART SYMBOL: Loveland is the “Sweetheart City” and the annual Valentines Day celebration adds a dash of fun and spirit to our community.