

*File*

*Office Copy*

THOMAS L. JUDGE  
GOVERNOR



STATE OF MONTANA  
DEPARTMENT OF HIGHWAYS

HELENA, MONTANA 59601

H. J. ANDERSON  
DIRECTOR OF HIGHWAYS

February 7, 1975

IN REPLY REFER TO:

36-SCK  
I 90-8(75)455  
Pinehill Interchange  
Safety Improvement

**RECEIVED**

FEB 10 1975

ENVIRONMENTAL QUALITY  
COUNCIL

Executive Director  
Environmental Quality Council  
Capital Station  
Helena, Montana 59601

Gentlemen:

Enclosed for your information are two (?) copies of the Agency Impact Determination for the above subject project, as approved by the Federal Highway Administration.

Very truly yours,

H. J. ANDERSON  
DIRECTOR OF HIGHWAYS

BY: *Stephen C. Kologi*  
Stephen C. Kologi, P.E.  
Chief-Preconstruction Bureau

36-SCK:AGZ:DVS:sk

Enclosure

GEORGE VUCANOVIICH, CHAIRMAN  
HELENA

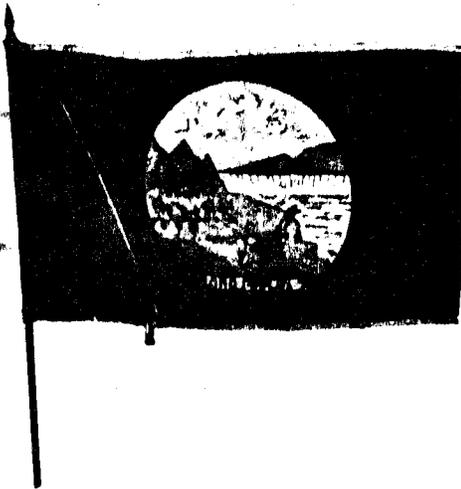
W.H. WESSNER, VICE CHAIRMAN  
BLACK EAGLE

G.R. DONEY  
BUTTE

P.L. BACHELLER  
BILLINGS

JAY LA LONDE  
SIDNEY

*Office Copy*



STATE OF MONTANA  
DEPARTMENT OF HIGHWAYS

January 28, 1975

**RECEIVED**

FEB 10 1975

ENVIRONMENTAL QUALITY  
COUNCIL

U. S. Department of Transportation  
Federal Highways Administration  
Helena, Montana 59601

36-SCK  
I 90-8(75)455  
Pinehill Interchange  
Safety Improvements  
REF: 08-30.22-B3

Reply Requested by:  
February 4, 1975

Gentlemen:

This Agency Impact Determination is being submitted for your concurrence that an Environmental Impact Statement or Negative Declaration is not required for this nonmajor action.

The proposed project is located approximately 4 miles east of Billings, Montana, at the junction of I-90 and I-94. The work will consist of grading, surfacing, striping, and signing to extend the speed change lane and provide for two lanes of traffic on the Billings - Hardin I-90 off ramp. The desired work will lessen the potential of operationally unsafe existing maneuvers.

Additional work consisting of grading, surfacing, striping, signing and some right-of-way is also contemplated on the I-90 westbound mainline and associate Hardin - Billings on ramp. The work will include a short realignment of an adjoining graveled frontage road. The proposed alterations will provide mainline characteristics to the ramp geometrics assuring a smooth transition thru a reverse curve situation.

The Federal Highway Administration originally proposed the extension of the speed change lane for the Billings - Hardin I-90 off ramp to lessen the potentially unsafe operational movements. The reverse curve situation on the Hardin - Billings I-90 on ramp is a potentially dangerous situation when fostered upon non-observant or otherwise pre-occupied drivers. Unfamiliar travelers expect thru routes to provide continuous mainline characteristics and not the sharper and slower speeds common to ramp geometrics. Therefore, the curvature of the I-90 westbound ramp will be flattened and appropriate superelevation applied to produce a progressive speed change of no more than a 10 M.P.H. differential between tangent to curve or curve to curve.

(Cont'd)

U. S. Department of Transportation  
I 90-8(75)455  
Pinehill Interchange Safety  
Improvements

There will be no significant effect upon natural and cultural resources of the area. After the earthwork is completed, the slopes will be re-seeded. Park, recreational areas, wildlife, water fowl refuges, and historic and natural landmarks are not involved in this project.

The water quality of the area will not be affected. The Department of Health and Environmental Sciences has reviewed the project and assured us that this project is not in conflict with the State's Implementation Plan for achieving Federal ambient air quality standards.

Because this is a safety project, the noise standards as specified in the Federal Highway Administration's Policy and Procedures Memorandum 90-2 do not apply. However, the noise levels should not increase as this project is not expected to cause an increase in traffic volume.

Based on the foregoing, it is felt that the proposed project will not significantly affect the environment and does not warrant the preparation of an Environmental Impact Statement or a Negative Declaration.

Your early return of a signed copy of this Determination will be appreciated.

Very truly yours,

H. J. ANDERSON  
DIRECTOR OF HIGHWAYS

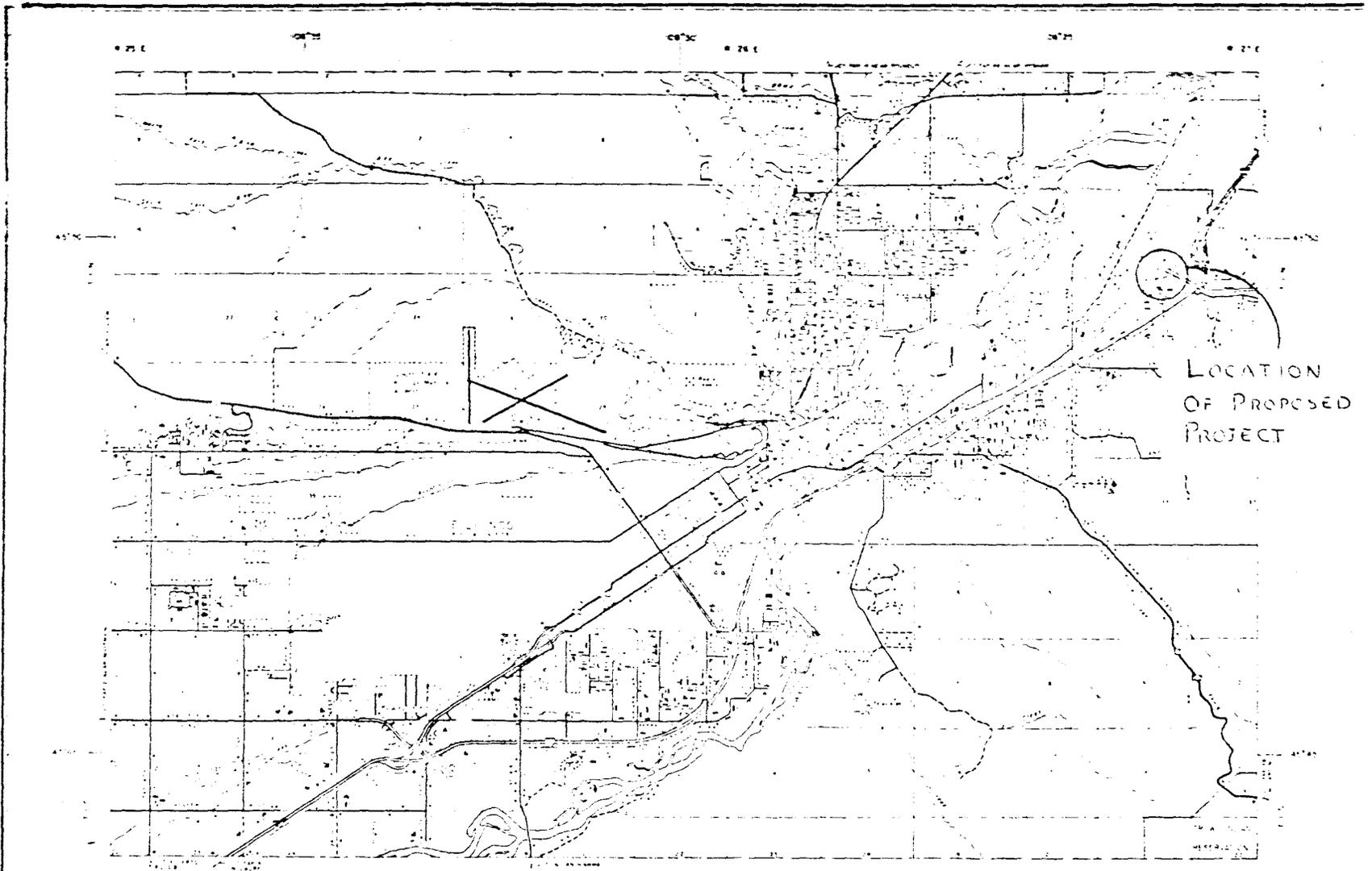
BY: Stephen C. Kologi  
Stephen C. Kologi, P.E.  
Chief-Preconstruction Bureau

36-SCK:AGZ:DVS:sk

I Concur

H. N. Stewart  
H. N. Stewart, Division Engineer  
Federal Highway Administration

Date FEB 6 1975



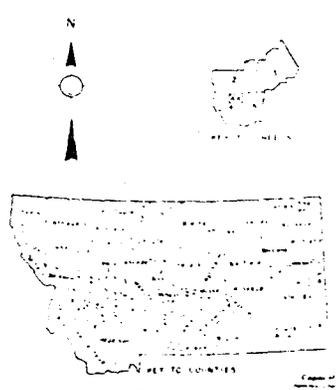
LOCATION  
OF PROPOSED  
PROJECT

**LEGEND**

[Symbol]	Section 1
[Symbol]	Section 2
[Symbol]	Section 3
[Symbol]	Section 4
[Symbol]	Section 5
[Symbol]	Section 6
[Symbol]	Section 7
[Symbol]	Section 8
[Symbol]	Section 9
[Symbol]	Section 10
[Symbol]	Section 11
[Symbol]	Section 12
[Symbol]	Section 13
[Symbol]	Section 14
[Symbol]	Section 15
[Symbol]	Section 16
[Symbol]	Section 17
[Symbol]	Section 18
[Symbol]	Section 19
[Symbol]	Section 20
[Symbol]	Section 21
[Symbol]	Section 22
[Symbol]	Section 23
[Symbol]	Section 24
[Symbol]	Section 25
[Symbol]	Section 26
[Symbol]	Section 27
[Symbol]	Section 28
[Symbol]	Section 29
[Symbol]	Section 30
[Symbol]	Section 31
[Symbol]	Section 32
[Symbol]	Section 33
[Symbol]	Section 34
[Symbol]	Section 35
[Symbol]	Section 36
[Symbol]	Section 37
[Symbol]	Section 38
[Symbol]	Section 39
[Symbol]	Section 40
[Symbol]	Section 41
[Symbol]	Section 42
[Symbol]	Section 43
[Symbol]	Section 44
[Symbol]	Section 45
[Symbol]	Section 46
[Symbol]	Section 47
[Symbol]	Section 48
[Symbol]	Section 49
[Symbol]	Section 50
[Symbol]	Section 51
[Symbol]	Section 52
[Symbol]	Section 53
[Symbol]	Section 54
[Symbol]	Section 55
[Symbol]	Section 56
[Symbol]	Section 57
[Symbol]	Section 58
[Symbol]	Section 59
[Symbol]	Section 60
[Symbol]	Section 61
[Symbol]	Section 62
[Symbol]	Section 63
[Symbol]	Section 64
[Symbol]	Section 65
[Symbol]	Section 66
[Symbol]	Section 67
[Symbol]	Section 68
[Symbol]	Section 69
[Symbol]	Section 70
[Symbol]	Section 71
[Symbol]	Section 72
[Symbol]	Section 73
[Symbol]	Section 74
[Symbol]	Section 75
[Symbol]	Section 76
[Symbol]	Section 77
[Symbol]	Section 78
[Symbol]	Section 79
[Symbol]	Section 80
[Symbol]	Section 81
[Symbol]	Section 82
[Symbol]	Section 83
[Symbol]	Section 84
[Symbol]	Section 85
[Symbol]	Section 86
[Symbol]	Section 87
[Symbol]	Section 88
[Symbol]	Section 89
[Symbol]	Section 90
[Symbol]	Section 91
[Symbol]	Section 92
[Symbol]	Section 93
[Symbol]	Section 94
[Symbol]	Section 95
[Symbol]	Section 96
[Symbol]	Section 97
[Symbol]	Section 98
[Symbol]	Section 99
[Symbol]	Section 100

[Symbol]	Section 101
[Symbol]	Section 102
[Symbol]	Section 103
[Symbol]	Section 104
[Symbol]	Section 105
[Symbol]	Section 106
[Symbol]	Section 107
[Symbol]	Section 108
[Symbol]	Section 109
[Symbol]	Section 110
[Symbol]	Section 111
[Symbol]	Section 112
[Symbol]	Section 113
[Symbol]	Section 114
[Symbol]	Section 115
[Symbol]	Section 116
[Symbol]	Section 117
[Symbol]	Section 118
[Symbol]	Section 119
[Symbol]	Section 120
[Symbol]	Section 121
[Symbol]	Section 122
[Symbol]	Section 123
[Symbol]	Section 124
[Symbol]	Section 125
[Symbol]	Section 126
[Symbol]	Section 127
[Symbol]	Section 128
[Symbol]	Section 129
[Symbol]	Section 130
[Symbol]	Section 131
[Symbol]	Section 132
[Symbol]	Section 133
[Symbol]	Section 134
[Symbol]	Section 135
[Symbol]	Section 136
[Symbol]	Section 137
[Symbol]	Section 138
[Symbol]	Section 139
[Symbol]	Section 140
[Symbol]	Section 141
[Symbol]	Section 142
[Symbol]	Section 143
[Symbol]	Section 144
[Symbol]	Section 145
[Symbol]	Section 146
[Symbol]	Section 147
[Symbol]	Section 148
[Symbol]	Section 149
[Symbol]	Section 150

[Symbol]	Section 151
[Symbol]	Section 152
[Symbol]	Section 153
[Symbol]	Section 154
[Symbol]	Section 155
[Symbol]	Section 156
[Symbol]	Section 157
[Symbol]	Section 158
[Symbol]	Section 159
[Symbol]	Section 160
[Symbol]	Section 161
[Symbol]	Section 162
[Symbol]	Section 163
[Symbol]	Section 164
[Symbol]	Section 165
[Symbol]	Section 166
[Symbol]	Section 167
[Symbol]	Section 168
[Symbol]	Section 169
[Symbol]	Section 170
[Symbol]	Section 171
[Symbol]	Section 172
[Symbol]	Section 173
[Symbol]	Section 174
[Symbol]	Section 175
[Symbol]	Section 176
[Symbol]	Section 177
[Symbol]	Section 178
[Symbol]	Section 179
[Symbol]	Section 180
[Symbol]	Section 181
[Symbol]	Section 182
[Symbol]	Section 183
[Symbol]	Section 184
[Symbol]	Section 185
[Symbol]	Section 186
[Symbol]	Section 187
[Symbol]	Section 188
[Symbol]	Section 189
[Symbol]	Section 190



GENERAL HIGHWAY MAP  
**YELLOWSTONE COUNTY**  
MONTANA

STATE OF MONTANA  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF HIGHWAYS

Scale: 1 inch = 10 miles  
1938

BASED ON AERIAL PHOTOGRAPHS BY DAY AND LIVED SURVEY BY WET