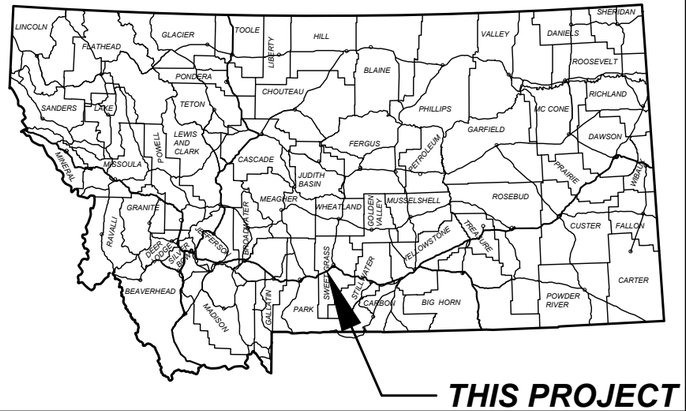
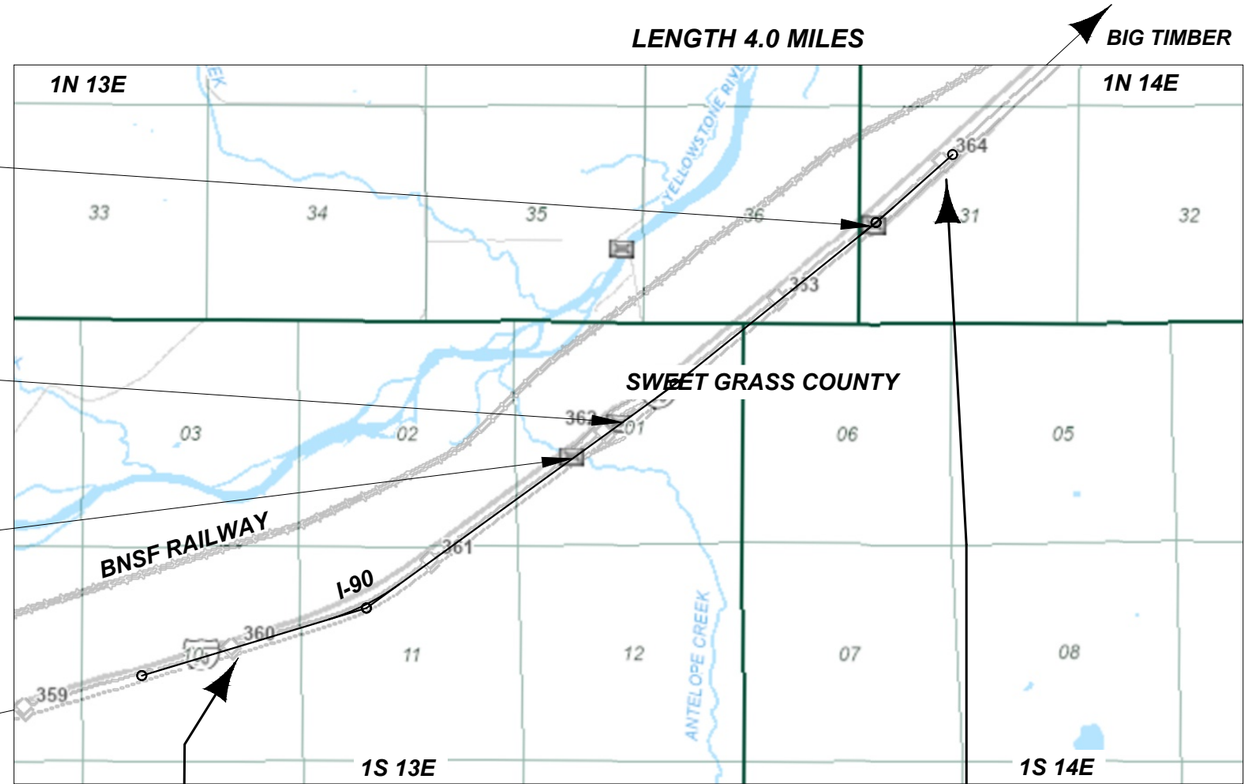
ADVERTISED COPY




# MONTANA DEPARTMENT OF TRANSPORTATION

# FEDERAL AID PROJECT IM 90-7(121)360
# MILL/FILL, SEAL & COVER, LEVELING, PAVEMENT MARKINGS, RUMBLE STRIPS
# DEHART INTERCHANGE - E & W
# SWEET GRASS COUNTY

LENGTH 4.0 MILES




STA. 222+31.26 RP 363.6
41.33' X 78' CONCRETE BR. IN PL. E.B.
NBI I00090363+05671
MDT STRUCT. ID #01653
STA. 221+90.61 RP 363.6
41.33' X 78' CONCRETE BR. IN PL. W.B.
NBI I00090363+05672
MDT STRUCT. ID #01654
443 S FRONTAGE RD BRIDGE

STA. 143+35.38 RP 0.02
29.33' X 294.5' CONCRETE BRIDGE
MDT ID 04534
NBI L49122000+00201
DEHART INTERCHANGE
NO BRIDGE WORK - THIS CONTRACT

MDT ID 01652
NBI I00090361+07001
NO CULVERT WORK - THIS CONTRACT

**PROJECT DESIGN DATA**

| | | | |
|---|---|---|---|
| PRESENT | 2025 | A.A.D.T. = | 12,400 |
| LETTING | 2026 | A.A.D.T. = | 12,540 |
| DESIGN | 2046 | A.A.D.T. = | 15,600 |
| | | D.H.V. = | 1,540 |
| | | TRUCKS = | 24.1% |
| | | V. = | 70 MPH |
| | | 18 KIP ESAL'S = | 1383 DAILY |
| | | ANNUAL GROWTH RATE = | 1.1% |

SURFACING SOURCES - CONTRACTOR FURNISHED

STA. 1322+15.22
IM 90-7(37)350 U-2

STA. 30+00.00
BEGIN IM 90-7(121)360

RP 360.0 TO RP 364.0
THIS CONTRACT

STA. 245+08.81
END IM 90-7(121)360

STA. 1536+50.00
IM 90-7(41)359

MONTANA
DEPARTMENT OF TRANSPORTATION

APPROVED BY:

HIGHWAYS ENGINEER

MONTANA
DAVID HOLIEN
20186PE
LICENSED PROFESSIONAL ENGINEER

DATE

SHEET NO. 1

TITLE SHEET

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| | | |
|---|---|---|
| DESIGNED BY | E. SMARTNICK | 03/2026 |
| REVIEWED BY | J. BROTZLER | 03/2026 |
| CHECKED BY | J. CERECK | 05/2026 |

MONTANA
Department of Transportation

ROAD PLANS

10/27/2026 10:31 AM

10069000RDTTL001.DWG

ADVERTISED COPY

# TABLE OF CONTENTS


| ROAD PLANS | SHEET NO. |
|---|---|
| TITLE SHEET | 1 |
| TABLE OF CONTENTS | 2 |
| NOTES | 2 |
| CENTERLINE COORDINATE TABLE | 3 |
| TYPICAL SECTIONS | 4-5 |
| SUMMARIES | 6-8 |
| SURFACING | 6 |
| ADDITIONAL SURFACING | 7 |
| TOPSOIL & SEEDING | 8 |
| PAVEMENT MARKINGS | 8 |
| RUMBLE STRIPS | 8 |
| CATTLE GUARD | 8 |
| DETAILS | 9-12 |
| LEVELING | 9 |
| SHOULDER GRAVEL | 9 |
| LEVELING AREA | 10 |
| DEHART INTERCHANGE | 11 |
| CATTLE GUARD | 12 |
| SIGNING PLANS | |
| SUMMARY | S1 |
| SPECIFICATIONS | S2-7 |
| DETAILS | S8-9 |
| PLANS | S10-14 |


# NOTES

## BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

| | |
|---|---|
| COMP. AGGREGATE WEIGHT | = 3,750 LBS. PER CUBIC YARD |
| COMP. WEIGHT OF PL. MIX BIT. SURF. | = 4,167 LBS. PER CUBIC YARD |
| ASPHALT CEMENT - GRADE S - 3/4" AGG. | = 5.2% OF PL.MIX BIT.SURF. |
| HYDRATED LIME | = 1.4% OF PL.MIX BIT.SURF. |
| BITUMINOUS MATERIAL | = 8.5 LBS. PER GAL. |
| EMULSIFIED ASPHALT - TACK (ALL OTHER SURFACES) | = 0.05 GAL. PER SQ.YARD (UNDILUTED) |
| EMULSIFIED ASPHALT - FOG SEAL (RUMBLE STRIPS) | = 0.10 GAL. PER SQ.YARD (UNDILUTED) |
| EMULSIFIED ASPHALT SEAL | = 0.42 GAL. PER SQ.YARD |
| COVER | = 25 LBS. PER SQ.YARD |

## UTILITIES

CALL THE UTILITIES UNDERGROUND LOCATION CENTER (811) OR OTHER NOTIFICATION SYSTEM FOR THE MARKING AND LOCATION OF ALL LINES AND SERVICES BEFORE EXCAVATING. ALL CLEARANCES OR DEPTHS PROVIDED FOR UTILITIES ARE FROM EXISTING GROUND LINE.

## AS-BUILT

THE FOLLOWING AS-BUILT PROJECTS CAN BE REFERENCED FOR INFORMATION BUT THIS PROJECT WAS RE-STATIONED AND LOCATIONS ARE APPROXIMATE. STATIONING WILL NOT ALIGN BETWEEN AS-BUILTS AND THIS CONTRACT.

| | |
|---|---|
| I-90-7(41)359 | (CONSTRUCTED 1982) |
| I-90-7(37)350 U-2 | (CONSTRUCTED 1983) |
| I-90-9(71)360 | (CONSTRUCTED 2004) METRIC |

## WETLANDS

WETLANDS MAY EXIST ADJACENT TO THE ROADWAY AND BEYOND THE PROJECT LIMITS. A WETLAND DELINEATION HAS NOT BEEN COMPLETED FOR THIS PROJECT. IMPACTS TO WETLAND AREAS ARE NOT ANTICIPATED IN ASSOCIATION WITH THE PROPOSED WORK. NO PERMITS HAVE BEEN OBTAINED. ANY ACTION IMPACTING WETLAND AREAS WITHOUT THE APPROPRIATE PERMITTING IS THE RESPONSIBILITY OF THE CONTRACTOR.

SHEET NO. 2

NOTES SHEET

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| DESIGNED BY | | DATE |
|---|---|---|
| E. SMARTNICK | | 03/2026 |
| REVIEWED BY | | |
| J. BROTZLER | | 03/2026 |
| CHECKED BY | | |
| J. CERECK | | 05/2026 |

MONTANA
Department of Transportation

ROAD PLANS

10/27/2026 10:31 AM

10069000RDTTL001.DWG

ADVERTISED COPY

## CENTERLINE COORDINATE TABLE - 10069_RD_PA_CL

| STATION | DESCRIPTION | N OR Y COORDINATE | E OR X COORDINATE | LOCATION AND DESCRIPTION |
|---|---|---|---|---|
| 10+00.00 | POT | 551,580.069 | 1,812,412.548 | BEGIN ALIGNMENT |
| 30+00.00 | POT | 552,156.424 | 1,814,327.702 | BEGIN CONSTRUCTION |
| 32+74.78 | POT | 552,235.609 | 1,814,590.823 | |
| 57+45.22 | PC | 552,947.534 | 1,816,956.457 | |
| 67+15.00 | PI | 553,227.005 | 1,817,885.102 | |
| 76+66.58 | PT | 553,796.498 | 1,818,670.061 | |
| 154+25.83 | PC | 558,353.008 | 1,824,950.520 | |
| 159+91.15 | PI | 558,684.986 | 1,825,408.101 | |
| 165+56.24 | PT | 559,039.119 | 1,825,848.759 | |
| 217+09.31 | PC | 562,267.133 | 1,829,865.473 | |
| 222+70.35 | PI | 562,618.585 | 1,830,302.795 | |
| 228+31.17 | PT | 562,991.012 | 1,830,722.397 | |
| 245+01.81 | POT | 564,100.008 | 1,831,971.868 | |
| 245+08.81 | POT | 564,104.652 | 1,831,977.100 | END CONSTRUCTION |
| 247+62.31 | POT | 564,272.930 | 1,832,166.693 | END ALIGNMENT |

SHEET NO.
3

CENTERLINE COORDINATE TABLE

PROJECT NAME
DEHART INTERCHANGE - E & W

COUNTY
SWEET GRASS

PROJECT ID
IM 90-7(121)360

UPN
10069000

DESIGNED BY
E. SMARTNICK
03/2026

REVIEWED BY
J. BROTZLER
03/2026

CHECKED BY
J. CERECK
05/2026

MONTANA
Department of Transportation

ROAD PLANS

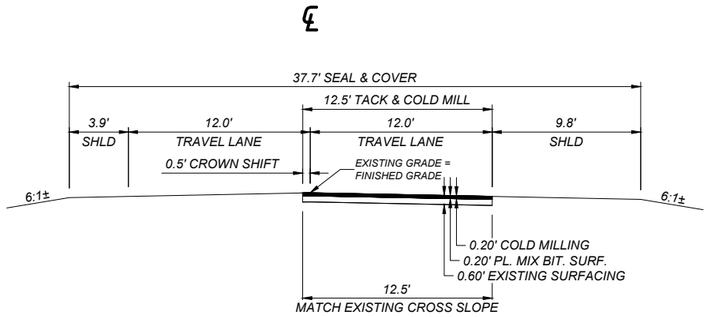
10069000RDTTL001.DWG

10/27/2026 10:31 AM

ADVERTISED COPY

# TYPICAL SECTION NO. 1

MAINLINE
EASTBOUND (REVERSE FOR WESTBOUND)



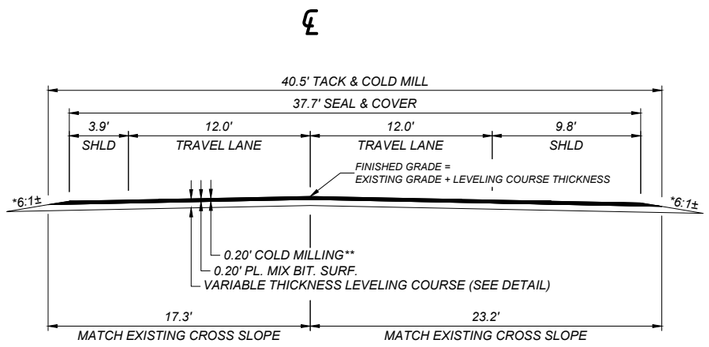

| QUANTITIES | | | | | | | |
|---|---|---|---|---|---|---|---|
| UNIT | AGGREGATE | | UNIT | BITUMINOUS MATERIAL | | | COLD MILLING |
| | COVER | PLANT MIX | | ASPHALT BINDER | SEAL | EMULSIFIED ASPHALT TACK* | |
| AREA square feet | | 2.50 | square yards PER STATION | | 419 | 139 | 139 |
| cubic yards PER STATION | | 9.3 | tons PER STATION | 1.01 | 0.75 | | |
| tons PER STATION | | 19.3 | gals. PER STATION | | | 7 | |
| square yards PER STATION | 419 | | | | | | |

* BASED ON 1 APPLICATION

| | | | | |
|---|---|---|---|---|
| EASTBOUND | | | | |
| 30+00.00 | | TO | 33+00.00 | BEGIN PROJECT, THEN TO TYP. NO. 2 |
| 35+50.00 | | TO | 52+87.64 | THEN TO TYP. NO. 2 |
| 60+00.00 | | TO | 61+00.00 | THEN TO TYP. NO. 2 |
| 66+50.00 | | TO | 70+00.00 | THEN TO TYP. NO. 2 |
| 86+00.00 | | TO | 87+50.00 | THEN TO TYP. NO. 2 |
| 90+50.00 | | TO | 93+00.00 | THEN TO TYP. NO. 2 |
| 95+25.00 | | TO | 98+00.00 | THEN TO TYP. NO. 2 |
| 99+50.00 | | TO | 108+00.00 | THEN TO TYP. NO. 2 |
| 112+00.00 | | TO | 114+75.00 | THEN TO TYP. NO. 2 |
| 117+50.00 | | TO | 124+00.00 | THEN TO TYP. NO. 2 |
| 126+50.00 | | TO | 161+00.00 | THEN TO TYP. NO. 2 |
| 168+00.00 | | TO | 177+50.00 | THEN TO TYP. NO. 2 |
| 188+00.00 | | TO | 193+50.00 | THEN TO TYP. NO. 2 |
| 196+50.00 | | TO | 221+91.75 | BE THEN TO TYP. NO. 3 |
| 223+70.77 | | TO | 231+00.00 | THEN TO TYP. NO. 2 |
| 240+50.00 | | TO | 245+30.49 | END PROJECT |
| WESTBOUND | | | | |
| 30+00.00 | | TO | 31+75.00 | BEGIN PROJECT, THEN TO TYP. NO. 2 |
| 37+50.00 | | TO | 55+88.53 | THEN TO TYP. NO. 2 |
| 67+75.51 | | TO | 74+00.00 | THEN TO TYP. NO. 2 |
| 79+00.00 | | TO | 85+75.00 | THEN TO TYP. NO. 2 |
| 90+25.00 | | TO | 91+50.00 | THEN TO TYP. NO. 2 |
| 94+75.00 | | TO | 107+00.00 | THEN TO TYP. NO. 2 |
| 118+50.00 | | TO | 167+00.00 | THEN TO TYP. NO. 2 |
| 175+25.00 | | TO | 176+00.00 | THEN TO TYP. NO. 2 |
| 186+00.00 | | TO | 193+50.00 | THEN TO TYP. NO. 2 |
| 197+00.00 | | TO | 220+51.27 | THEN TO TYP. NO. 2 |
| 222+29.95 | BE | TO | 231+00.47 | THEN TO TYP. NO. 2 |
| 241+22.30 | | TO | 244+87.13 | END PROJECT |

# TYPICAL SECTION NO. 2

MAINLINE
EASTBOUND (REVERSE FOR WESTBOUND)




*SLOPE USED TO APPROXIMATE SURFACING QUANTITIES
**AREAS WITH A VARIABLE LEVELING COURSE THICKNESS OF 0.2' OR LESS ARE SACRIFICIAL

| QUANTITIES | | | | | | | |
|---|---|---|---|---|---|---|---|
| UNIT | AGGREGATE | | UNIT | BITUMINOUS MATERIAL | | | COLD MILLING |
| | COVER | PLANT MIX | | ASPHALT BINDER | SEAL | EMULSIFIED ASPHALT TACK* | |
| AREA square feet | | 7.82 | square yards PER STATION | | 419 | 450 | 450 |
| cubic yards PER STATION | | 29.0 | tons PER STATION | 3.14 | 0.75 | | |
| tons PER STATION | | 60.4 | gals. PER STATION | | | 23 | |
| square yards PER STATION | 419 | | | | | | |

* BASED ON 3 APPLICATIONS

| | | | | |
|---|---|---|---|---|
| EASTBOUND | | | | |
| 33+00.00 | | TO | 35+50.00 | THEN TO TYP. NO. 1 |
| 52+87.64 | | TO | 60+00.00 | THEN TO TYP. NO. 1 |
| 61+00.00 | | TO | 66+50.00 | THEN TO TYP. NO. 1 |
| 70+00.00 | | TO | 86+00.00 | THEN TO TYP. NO. 1 |
| 87+50.00 | | TO | 90+50.00 | THEN TO TYP. NO. 1 |
| 93+00.00 | | TO | 95+25.00 | THEN TO TYP. NO. 1 |
| 98+00.00 | | TO | 99+50.00 | THEN TO TYP. NO. 1 |
| 108+00.00 | | TO | 112+00.00 | THEN TO TYP. NO. 1 |
| 114+75.00 | | TO | 117+50.00 | THEN TO TYP. NO. 1 |
| 124+00.00 | | TO | 126+50.00 | THEN TO TYP. NO. 1 |
| 161+00.00 | | TO | 168+00.00 | THEN TO TYP. NO. 1 |
| 177+50.00 | | TO | 188+00.00 | THEN TO TYP. NO. 1 |
| 193+50.00 | | TO | 196+50.00 | THEN TO TYP. NO. 1 |
| 222+70.77 | BE | TO | 223+70.77 | THEN TO TYP. NO. 1 |
| 231+00.00 | | TO | 240+50.00 | THEN TO TYP. NO. 1 |
| WESTBOUND | | | | |
| 31+75.00 | | TO | 37+50.00 | THEN TO TYP. NO. 1 |
| 55+88.53 | | TO | 67+75.51 | THEN TO TYP. NO. 1 |
| 74+00.00 | | TO | 79+00.00 | THEN TO TYP. NO. 1 |
| 85+75.00 | | TO | 90+25.00 | THEN TO TYP. NO. 1 |
| 91+50.00 | | TO | 94+75.00 | THEN TO TYP. NO. 1 |
| 107+00.00 | | TO | 118+50.00 | THEN TO TYP. NO. 1 |
| 167+00.00 | | TO | 175+25.00 | THEN TO TYP. NO. 1 |
| 176+00.00 | | TO | 186+00.00 | THEN TO TYP. NO. 1 |
| 193+50.00 | | TO | 197+00.00 | THEN TO TYP. NO. 1 |
| 220+51.27 | | TO | 221+51.27 | BE THEN TO TYP. NO. 3 |
| 231+00.47 | | TO | 241+22.30 | THEN TO TYP. NO. 1 |

SHEET NO.
4

TYPICALS

PROJECT NAME
DEHART INTERCHANGE - E & W
COUNTY
SWEET GRASS
PROJECT ID
IM 90-7(121)360
UPN
10069000

| DESIGNED BY | | REVIEWED BY | | CHECKED BY | |
|---|---|---|---|---|---|
| E. SMARTNICK | 03/2026 | J. BROTZLER | 03/2026 | J. CERECK | 05/2026 |

10069000RDTYP001.DWG

MONTANA
Department of Transportation

ROAD PLANS

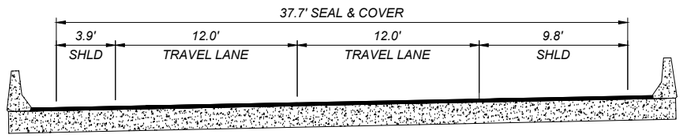
10/27/2026 10:31 AM

ADVERTISED COPY

# TYPICAL SECTION NO. 3

MAINLINE
EASTBOUND (REVERSE FOR WESTBOUND)

EASTBOUND
221+91.75 BE TO 222+70.77 BE THEN TO TYP NO. 2
WESTBOUND
221+51.27 BE TO 222+29.95 BE THEN TO TYP NO. 1




| QUANTITIES | | | |
|---|---|---|---|
| UNIT | AGGREGATE COVER | UNIT | BITUMINOUS MATERIAL SEAL |
| AREA square feet | | square yards PER STATION | 419 |
| cubic yards PER STATION | | tons PER STATION | 0.75 |
| square yards PER STATION | 419 | | |

SHEET NO. 5

TYPICALS

PROJECT NAME DEHART INTERCHANGE - E & W
COUNTY SWEET GRASS
PROJECT ID IM 90-7(121)360
UPN 10069000

| DESIGNED BY | 03/2026 |
|---|---|
| E. SMARTNICK | |
| REVIEWED BY | 03/2026 |
| J. BROTZLER | |
| CHECKED BY | 05/2026 |
| J. CERECK | |

MONTANA
Department of Transportation

ROAD PLANS

10/27/2026 10:31 AM

10069000RDTYP001.DWG

ADVERTISED COPY

# SUMMARY

## SURFACING

| STATION FROM | STATION TO | GROSS (linear feet) | NET (linear feet) | + (linear feet) | - (linear feet) | FOR | HYDRATED LIME (tons) | AGGREGATE: COVER TYPE 2 (sq. yards) | AGGREGATE: PLANT MIX BIT. SURF. 3/4" (tons) | AGGREGATE: PLANT MIX BIT. SURF. 3/4" LEVELING (tons) | SHOULDER GRAVEL (cu. yards) | BITUMINOUS MATERIAL: ASPHALT BINDER PG 58V-34 (tons) | BITUMINOUS MATERIAL: ASPHALT BINDER PG 58V-34 LEVELING (tons) | BITUMINOUS MATERIAL: EMULSIFIED ASPHALT CHFRS-2P (gals.) | BITUMINOUS MATERIAL: EMULSIFIED ASPHALT TACK (gals.) | COLD MILLING (sq. yards) | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **EASTBOUND** | | | | | | | | | | | | | | | | | |
| 30+00.00 | 33+00.00 | 300.00 | 300.00 | | | | 1 | 1,257 | 58 | | | 3.0 | | 2.3 | 21 | 417 | TYP NO. 1, THEN TO TYP NO. 2 |
| 33+00.00 | 35+50.00 | 250.00 | 250.00 | | | | 2 | 1,048 | 151 | | | 7.9 | | 1.9 | 58 | 1,125 | TYP NO. 2, THEN TO TYP NO. 1 |
| 35+50.00 | 52+87.64 | 1,737.64 | 1,737.64 | | | | 5 | 7,281 | 335 | | | 17.4 | | 13.0 | 122 | 2,415 | TYP NO. 1, THEN TO TYP NO. 2 |
| 52+87.64 | 60+00.00 | 712.36 | 712.36 | | | | 6 | 2,985 | 430 | | | 22.4 | | 5.3 | 164 | 3,206 | TYP NO. 2, THEN TO TYP NO. 1 |
| 60+00.00 | 61+00.00 | 100.00 | 100.00 | | | | | 419 | 19 | | | 1.0 | | 0.8 | 7 | 139 | TYP NO. 1, THEN TO TYP NO. 2 |
| 61+00.00 | 66+50.00 | 550.00 | 550.00 | | | | 5 | 2,305 | 332 | | | 17.3 | | 4.1 | 127 | 2,475 | TYP NO. 2, THEN TO TYP NO. 1 |
| 66+50.00 | 70+00.00 | 350.00 | 350.00 | | | | 1 | 1,467 | 68 | | | 3.5 | | 2.6 | 25 | 487 | TYP NO. 1, THEN TO TYP NO. 2 |
| 70+00.00 | 86+00.00 | 1,600.00 | 1,600.00 | | | | 14 | 6,704 | 966 | | | 50.2 | | 12.0 | 368 | 7,200 | TYP NO. 2, THEN TO TYP NO. 1 |
| 86+00.00 | 87+50.00 | 150.00 | 150.00 | | | | | 629 | 29 | | | 1.5 | | 1.1 | 11 | 209 | TYP NO. 1, THEN TO TYP NO. 2 |
| 87+50.00 | 90+50.00 | 300.00 | 300.00 | | | | 3 | 1,257 | 181 | | | 9.4 | | 2.3 | 69 | 1,350 | TYP NO. 2, THEN TO TYP NO. 1 |
| 90+50.00 | 93+00.00 | 250.00 | 250.00 | | | | 1 | 1,048 | 48 | | | 2.5 | | 1.9 | 18 | 348 | TYP NO. 1, THEN TO TYP NO. 2 |
| 93+00.00 | 95+25.00 | 225.00 | 225.00 | | | | 2 | 943 | 136 | | | 7.1 | | 1.7 | 52 | 1,013 | TYP NO. 2, THEN TO TYP NO. 1 |
| 95+25.00 | 98+00.00 | 275.00 | 275.00 | | | | 1 | 1,152 | 53 | | | 2.8 | | 2.1 | 19 | 382 | TYP NO. 1, THEN TO TYP NO. 2 |
| 98+00.00 | 99+50.00 | 150.00 | 150.00 | | | | 1 | 629 | 91 | | | 4.7 | | 1.1 | 35 | 675 | TYP NO. 2, THEN TO TYP NO. 1 |
| 99+50.00 | 108+00.00 | 850.00 | 850.00 | | | | 2 | 3,562 | 164 | | | 8.5 | | 6.4 | 60 | 1,182 | TYP NO. 1, THEN TO TYP NO. 2 |
| 108+00.00 | 112+00.00 | 400.00 | 400.00 | | | | 3 | 1,676 | 242 | | | 12.6 | | 3.0 | 92 | 1,800 | TYP NO. 2, THEN TO TYP NO. 1 |
| 112+00.00 | 114+75.00 | 275.00 | 275.00 | | | | 1 | 1,152 | 53 | | | 2.8 | | 2.1 | 19 | 382 | TYP NO. 1, THEN TO TYP NO. 2 |
| 114+75.00 | 117+50.00 | 275.00 | 275.00 | | | | 2 | 1,152 | 166 | | | 8.6 | | 2.1 | 63 | 1,238 | TYP NO. 2, THEN TO TYP NO. 1 |
| 117+50.00 | 124+00.00 | 650.00 | 650.00 | | | | 2 | 2,724 | 125 | | | 6.5 | | 4.9 | 46 | 904 | TYP NO. 1, THEN TO TYP NO. 2 |
| 124+00.00 | 126+50.00 | 250.00 | 250.00 | | | | 2 | 1,048 | 151 | | | 7.9 | | 1.9 | 58 | 1,125 | TYP NO. 2, THEN TO TYP NO. 1 |
| 126+50.00 | 161+00.00 | 3,450.00 | 3,450.00 | | | | 9 | 14,456 | 666 | | | 34.6 | | 25.9 | 242 | 4,796 | TYP NO. 1, THEN TO TYP NO. 2 |
| 161+00.00 | 168+00.00 | 700.00 | 700.00 | | | | 6 | 2,933 | 423 | | | 22.0 | | 5.3 | 161 | 3,150 | TYP NO. 2, THEN TO TYP NO. 1 |
| 168+00.00 | 177+50.00 | 950.00 | 950.00 | | | | 3 | 3,981 | 183 | | | 9.5 | | 7.1 | 67 | 1,321 | TYP NO. 1, THEN TO TYP NO. 2 |
| 177+50.00 | 188+00.00 | 1,050.00 | 1,050.00 | | | | 9 | 4,400 | 634 | | | 33.0 | | 7.9 | 242 | 4,725 | TYP NO. 2, THEN TO TYP NO. 1 |
| 188+00.00 | 193+50.00 | 550.00 | 550.00 | | | | 1 | 2,305 | 106 | | | 5.5 | | 4.1 | 39 | 765 | TYP NO. 1, THEN TO TYP NO. 2 |
| 193+50.00 | 196+50.00 | 300.00 | 300.00 | | | | 3 | 1,257 | 181 | | | 9.4 | | 2.3 | 69 | 1,350 | TYP NO. 2, THEN TO TYP NO. 1 |
| 196+50.00 | 221+91.75 BE | 2,541.75 | 2,541.75 | | | | 7 | 10,650 | 491 | | | 25.5 | | 19.1 | 178 | 3,533 | TYP NO. 1, THEN TO TYP NO. 3 |
| 221+91.75 BE | 222+70.77 BE | 79.02 | | | 79.02 | | | | | | | | | | | | TYP NO. 3, THEN TO TYP NO. 2 |
| 222+70.77 BE | 223+70.77 | 100.00 | 100.00 | | | | 1 | 419 | 60 | | | 3.1 | | 0.8 | 23 | 450 | TYP NO. 2, THEN TO TYP NO. 1 |
| 223+70.77 | 231+00.00 | 729.23 | 729.23 | | | | 2 | 3,055 | 141 | | | 7.3 | | 5.5 | 51 | 1,014 | TYP NO. 1, THEN TO TYP NO. 2 |
| 231+00.00 | 240+50.00 | 950.00 | 950.00 | | | | 8 | 3,981 | 574 | | | 29.8 | | 7.1 | 219 | 4,275 | TYP NO. 2, THEN TO TYP NO. 1 |
| 240+50.00 | 245+30.49 | 480.49 | 480.49 | | | | 1 | 2,013 | 93 | | | 4.8 | | 3.6 | 34 | 668 | TYP NO. 1 |
| **SUBTOTAL** | | 21,530.49 | 21,451.47 | ~ | 79.02 | | 102 | 89,888 | 7,350 | ~ | ~ | 382.1 | ~ | 161.3 | 2,759 | 54,119 | |
| **WESTBOUND** | | | | | | | | | | | | | | | | | |
| 30+00.00 | 31+75.00 | 175.00 | 175.00 | | | | | 733 | 34 | | | 1.8 | | 1.3 | 12 | 243 | TYP NO. 1, THEN TO TYP NO. 2 |
| 31+75.00 | 37+50.00 | 575.00 | 575.00 | | | | 5 | 2,409 | 347 | | | 18.0 | | 4.3 | 132 | 2,588 | TYP NO. 2, THEN TO TYP NO. 1 |
| 37+50.00 | 55+88.53 | 1,838.53 | 1,838.53 | | | | 5 | 7,703 | 355 | | | 18.5 | | 13.8 | 129 | 2,556 | TYP NO. 1, THEN TO TYP NO. 2 |
| 55+88.53 | 67+75.51 | 1,186.98 | 1,186.98 | | | | 10 | 4,973 | 717 | | | 37.3 | | 8.9 | 273 | 5,341 | TYP NO. 2, THEN TO TYP NO. 1 |
| 67+75.51 | 74+00.00 | 624.49 | 624.49 | | | | 2 | 2,617 | 121 | | | 6.3 | | 4.7 | 44 | 868 | TYP NO. 1, THEN TO TYP NO. 2 |
| 74+00.00 | 79+00.00 | 500.00 | 500.00 | | | | 4 | 2,095 | 302 | | | 15.7 | | 3.8 | 115 | 2,250 | TYP NO. 2, THEN TO TYP NO. 1 |
| 79+00.00 | 85+75.00 | 675.00 | 675.00 | | | | 2 | 2,828 | 130 | | | 6.8 | | 5.1 | 47 | 938 | TYP NO. 1, THEN TO TYP NO. 2 |
| 85+75.00 | 90+25.00 | 450.00 | 450.00 | | | | 4 | 1,886 | 272 | | | 14.1 | | 3.4 | 104 | 2,025 | TYP NO. 2, THEN TO TYP NO. 1 |
| 90+25.00 | 91+50.00 | 125.00 | 125.00 | | | | | 524 | 24 | | | 1.2 | | 0.9 | 9 | 174 | TYP NO. 1, THEN TO TYP NO. 2 |
| 91+50.00 | 94+75.00 | 325.00 | 325.00 | | | | 3 | 1,362 | 196 | | | 10.2 | | 2.4 | 75 | 1,463 | TYP NO. 2, THEN TO TYP NO. 1 |
| 94+75.00 | 107+00.00 | 1,225.00 | 1,225.00 | | | | 3 | 5,133 | 236 | | | 12.3 | | 9.2 | 86 | 1,703 | TYP NO. 1, THEN TO TYP NO. 2 |
| 107+00.00 | 118+50.00 | 1,150.00 | 1,150.00 | | | | 10 | 4,819 | 695 | | | 36.1 | | 8.6 | 265 | 5,175 | TYP NO. 2, THEN TO TYP NO. 1 |
| 118+50.00 | 167+00.00 | 4,850.00 | 4,850.00 | | | | 13 | 20,322 | 936 | | | 48.7 | | 36.4 | 340 | 6,742 | TYP NO. 1, THEN TO TYP NO. 2 |
| 167+00.00 | 175+25.00 | 825.00 | 825.00 | | | | 7 | 3,457 | 498 | | | 25.9 | | 6.2 | 190 | 3,713 | TYP NO. 2, THEN TO TYP NO. 1 |
| 175+25.00 | 176+00.00 | 75.00 | 75.00 | | | | | 314 | 14 | | | 0.7 | | 0.6 | 5 | 104 | TYP NO. 1, THEN TO TYP NO. 2 |
| 176+00.00 | 186+00.00 | 1,000.00 | 1,000.00 | | | | 8 | 4,190 | 604 | | | 31.4 | | 7.5 | 230 | 4,500 | TYP NO. 2, THEN TO TYP NO. 1 |
| 186+00.00 | 193+50.00 | 750.00 | 750.00 | | | | 2 | 3,143 | 145 | | | 7.5 | | 5.6 | 53 | 1,043 | TYP NO. 1, THEN TO TYP NO. 2 |
| 193+50.00 | 197+00.00 | 350.00 | 350.00 | | | | 3 | 1,467 | 211 | | | 11.0 | | 2.6 | 81 | 1,575 | TYP NO. 2, THEN TO TYP NO. 1 |
| 197+00.00 | 220+51.27 | 2,351.27 | 2,351.27 | | | | 6 | 9,852 | 454 | | | 23.6 | | 17.6 | 165 | 3,268 | TYP NO. 1, THEN TO TYP NO. 2 |
| 220+51.27 | 221+51.27 BE | 100.00 | 100.00 | | | | 1 | 419 | 60 | | | 3.1 | | 0.8 | 23 | 450 | TYP NO. 2, THEN TO TYP NO. 3 |
| 221+51.27 BE | 222+29.95 BE | 78.68 | | | 78.68 | | | | | | | | | | | | TYP NO. 3, THEN TO TYP NO. 1 |
| 222+29.95 BE | 231+00.47 | 870.52 | 870.52 | | | | 2 | 3,647 | 168 | | | 8.7 | | 6.5 | 61 | 1,210 | TYP NO. 1, THEN TO TYP NO. 2 |
| 231+00.47 | 241+22.30 | 1,021.83 | 1,021.83 | | | | 9 | 4,281 | 617 | | | 32.1 | | 7.7 | 235 | 4,598 | TYP NO. 2, THEN TO TYP NO. 1 |
| 241+22.30 | 244+87.13 | 364.83 | 364.83 | | | | 1 | 1,529 | 70 | | | 3.6 | | 2.7 | 26 | 507 | TYP NO. 1 |
| **SUBTOTAL** | | 21,487.13 | 21,408.45 | ~ | 78.68 | | 100 | 89,703 | 7,206 | ~ | ~ | 374.6 | ~ | 160.6 | 2,700 | 53,034 | |
| | | | | | | ADDITIONAL SURFACING | 189 | 17,080 | | 13,534 | 672 | | 703.7 | 30.5 | 15,174 | | |
| **TOTAL** | | **43,017.62** | **42,859.92** | ~ | **157.70** | | **391** | **196,671** | **28,090** | | **672** | **1,460.4** | | **352.4** | **20,633** | **107,153** | |

SHEET NO. 6

SUMMARY SHEET

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| DESIGNED BY | DATE | REVIEWED BY | DATE | CHECKED BY | DATE |
|---|---|---|---|---|---|
| E. SMARTNICK | 03/2026 | J. BROTZLER | 03/2026 | J. CERECK | 05/2026 |

MONTANA Department of Transportation

ROAD PLANS

10069000RDSUM001.DWG

10/27/2026 10:31 AM

ADVERTISED COPY

# SUMMARY

## #ADDITIONAL SURFACING (INCLUDED IN SURFACING FRAME)

| STATION FROM | STATION TO | linear feet GROSS | linear feet NET | linear feet + | linear feet - | FOR | tons HYDRATED LIME | AGGREGATE sq. yards COVER TYPE 2 | AGGREGATE tons PLANT MIX BIT. SURF. 3/4" | AGGREGATE tons PLANT MIX BIT. SURF. 3/4" LEVELING | AGGREGATE cu. yards SHOULDER GRAVEL | BITUMINOUS MATERIAL tons ASPHALT BINDER PG 58V-34 | BITUMINOUS MATERIAL tons ASPHALT BINDER PG 58V-34 LEVELING | BITUMINOUS MATERIAL tons EMULSIFIED ASPHALT CHFRS-2P | BITUMINOUS MATERIAL gals. EMULSIFIED ASPHALT TACK ## | sq. yards COLD MILLING | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **EASTBOUND** | | | | | | | | | | | | | | | | | |
| 33+00.00 | 35+50.00 | 250.00 | 250.00 | | | | 1 | | | 87 | | | 4.5 | | 136 | | *MAX SUGGESTED LEVELING THICKNESS = 0.3' |
| 52+87.64 | 60+00.00 | 712.36 | 712.36 | | | | 8 | | | 553 | 23 | | 28.8 | | 384 | | *MAX SUGGESTED LEVELING THICKNESS = 0.3' |
| 61+00.00 | 66+50.00 | 550.00 | 550.00 | | | | 7 | | | 514 | 12 | | 26.7 | | 447 | | *MAX SUGGESTED LEVELING THICKNESS = 0.5' |
| 70+00.00 | 86+00.00 | 1,600.00 | 1,600.00 | | | | 24 | | | 1,687 | 78 | | 87.7 | | 3,024 | | *MAX SUGGESTED LEVELING THICKNESS = 1.3' |
| 87+50.00 | 90+50.00 | 300.00 | 300.00 | | | | 1 | | | 46 | | | 2.4 | | 162 | | *MAX SUGGESTED LEVELING THICKNESS = 0.3' |
| 93+00.00 | 95+25.00 | 225.00 | 225.00 | | | | 1 | | | 36 | | | 1.9 | | 61 | | *MAX SUGGESTED LEVELING THICKNESS = 0.2' ** |
| 98+00.00 | 99+50.00 | 150.00 | 150.00 | | | | | | | 4 | | | 0.2 | | 41 | | *MAX SUGGESTED LEVELING THICKNESS = 0.1' ** |
| 108+00.00 | 112+00.00 | 400.00 | 400.00 | | | | 3 | | | 241 | 8 | | 12.5 | | 324 | | *MAX SUGGESTED LEVELING THICKNESS = 0.6' |
| 114+75.00 | 117+50.00 | 275.00 | 275.00 | | | | 1 | | | 61 | | | 3.2 | | 148 | | *MAX SUGGESTED LEVELING THICKNESS = 0.3' |
| 124+00.00 | 126+50.00 | 250.00 | 250.00 | | | | 1 | | | 100 | | | 5.2 | | 136 | | *MAX SUGGESTED LEVELING THICKNESS = 0.3' |
| 161+00.00 | 168+00.00 | 700.00 | 700.00 | | | | 3 | | | 249 | 1 | | 12.9 | | 378 | | *MAX SUGGESTED LEVELING THICKNESS = 0.4' |
| 177+50.00 | 188+00.00 | 1,050.00 | 1,050.00 | | | | 29 | | | 2,083 | 238 | | 108.3 | | 1,988 | | *MAX SUGGESTED LEVELING THICKNESS = 1.4' |
| 193+50.00 | 196+50.00 | 300.00 | 300.00 | | | | 2 | | | 112 | 1 | | 5.8 | | 162 | | *MAX SUGGESTED LEVELING THICKNESS = 0.3' |
| 221+91.75 BE | 222+70.77 BE | 79.02 | 79.02 | | | | | 331 | | | | | | 0.6 | | | TYP NO. 3, THEN TO TYP NO. 2 |
| 231+00.00 | 240+50.00 | 950.00 | 950.00 | | | | 22 | | | 1,568 | 195 | | 81.5 | | 1,542 | | *MAX SUGGESTED LEVELING THICKNESS = 1.1' |
| | | | | | | | | | | | | | | | | | |
| **SUBTOTAL** | | 7,791.38 | 7,791.38 | | | | 103 | 331 | ~ | 7,341 | 556 | ~ | 381.6 | 0.6 | 8,933 | ~ | |
| | | | | | | | | | | | | | | | | | |
| **WESTBOUND** | | | | | | | | | | | | | | | | | |
| 31+75.00 | 37+50.00 | 575.00 | 575.00 | | | | 5 | | | 355 | | | 18.5 | | 310 | | *MAX SUGGESTED LEVELING THICKNESS = 0.4' |
| 55+88.53 | 67+75.51 | 1,186.98 | 1,186.98 | | | | 25 | | | 1,785 | 18 | | 92.8 | | 1,280 | | *MAX SUGGESTED LEVELING THICKNESS = 0.8' |
| 74+00.00 | 79+00.00 | 500.00 | 500.00 | | | | 3 | | | 210 | 1 | | 10.9 | | 270 | | *MAX SUGGESTED LEVELING THICKNESS = 0.3' |
| 85+75.00 | 90+25.00 | 450.00 | 450.00 | | | | | | | 20 | | | 1.0 | | 122 | | *MAX SUGGESTED LEVELING THICKNESS = 0.1' ** |
| 91+50.00 | 94+75.00 | 325.00 | 325.00 | | | | | | | 33 | | | 1.7 | | 88 | | *MAX SUGGESTED LEVELING THICKNESS = 0.2' ** |
| 107+00.00 | 118+50.00 | 1,150.00 | 1,150.00 | | | | 10 | | | 746 | 38 | | 38.8 | | 1,244 | | *MAX SUGGESTED LEVELING THICKNESS = 0.7' |
| 167+00.00 | 175+25.00 | 825.00 | 825.00 | | | | 1 | | | 102 | | | 5.3 | | 446 | | *MAX SUGGESTED LEVELING THICKNESS = 0.3' |
| 176+00.00 | 186+00.00 | 1,000.00 | 1,000.00 | | | | 8 | | | 553 | 11 | | 28.8 | | 540 | | *MAX SUGGESTED LEVELING THICKNESS = 0.4' |
| 193+50.00 | 197+00.00 | 350.00 | 350.00 | | | | 4 | | | 280 | 2 | | 14.6 | | 285 | | *MAX SUGGESTED LEVELING THICKNESS = 0.5' |
| 221+51.27 BE | 222+29.95 BE | 78.68 | 78.68 | | | | | 330 | | | | | | 0.6 | | | TYP NO. 3, THEN TO TYP NO. 1 |
| 231+00.47 | 241+22.30 | 1,021.83 | 1,021.83 | | | | 30 | | | 2,109 | 46 | | 109.7 | | 1,656 | | *MAX SUGGESTED LEVELING THICKNESS = 1.1' |
| | | | | | | | | | | | | | | | | | |
| **SUBTOTAL** | | 7,462.49 | 7,462.49 | | | | 86 | 330 | ~ | 6,193 | 116 | ~ | 322.1 | 0.6 | 6,241 | ~ | |
| | | | | | | | | | | | | | | | | | |
| 122+82.53 | 160+69.83 | | | | | DEHART INTERCHANGE - RAMPS | | 14,528 | | | | | | 25.9 | | | SEE DETAIL |
| 0+32.00 | 7+17.31 | | | | | DEHART INTERCHANGE - DEHART TRAIL RD | | 1,891 | | | | | | 3.4 | | | SEE DETAIL |
| | | | | | | | | | | | | | | | | | |
| **SUBTOTAL** | | **15,253.87** | **15,253.87** | ~ | ~ | | **189** | **17,080** | ~ | **13,534** | **672** | ~ | **703.7** | **30.5** | **15,174** | ~ | |

*# QUANTITIES MEASURED ON CAD*
*## DEPENDENT ON THE DEPTH AND NUMBER OF APPLICATIONS OF LEVELING*
**SEE LEVELING DETAIL*
***AREAS WITH A VARIABLE LEVELING COURSE THICKNESS OF 0.2' OR LESS ARE SACRIFICIAL*

SHEET NO. 7

SUMMARY SHEET

PROJECT NAME DEHART INTERCHANGE - E & W
COUNTY SWEET GRASS
PROJECT ID IM 90-7(121)360
UPN 10069000

| DESIGNED BY | REVIEWED BY | CHECKED BY |
|---|---|---|
| E. SMARTNICK 03/2026 | J. BROTZLER 03/2026 | J. CERECK 05/2026 |

MONTANA Department of Transportation

ROAD PLANS

10/27/2026 10:31 AM

10069000RDSUM001.DWG

ADVERTISED COPY

# SUMMARY

## RUMBLE STRIPS

| STATION FROM | STATION TO | miles RUMBLE STRIPS CONTIN-UOUS | miles RUMBLE STRIPS INTER-MITTENT | gals EMULSIFIED ASPHALT FOG SEAL # | REMARKS |
|---|---|---|---|---|---|
| EASTBOUND | | | | | |
| 33+00.00 | 35+50.00 | 0.05 | 0.05 | 11 | |
| 52+87.64 | 60+00.00 | 0.13 | 0.13 | 32 | |
| 61+00.00 | 66+50.00 | 0.10 | 0.10 | 24 | |
| 70+00.00 | 86+00.00 | 0.30 | 0.30 | 71 | |
| 87+50.00 | 90+50.00 | 0.06 | 0.06 | 13 | |
| 93+00.00 | 95+25.00 | 0.04 | 0.04 | 10 | |
| 98+00.00 | 99+50.00 | 0.03 | 0.03 | 7 | |
| 108+00.00 | 112+00.00 | 0.08 | 0.08 | 18 | |
| 114+75.00 | 117+50.00 | 0.05 | 0.05 | 12 | |
| 124+00.00 | 125+50.00 | 0.03 | 0.03 | 7 | |
| 125+50.00 | 126+50.00 | 0.02 | 0.00 | 2 | |
| 161+00.00 | 168+00.00 | 0.13 | 0.13 | 31 | |
| 177+50.00 | 188+00.00 | 0.20 | 0.20 | 47 | |
| 193+50.00 | 196+50.00 | 0.06 | 0.06 | 13 | |
| 231+00.00 | 240+50.00 | 0.18 | 0.18 | 42 | |
| SUBTOTAL | | 1.5 | 1.4 | 341 | |
| WESTBOUND | | | | | |
| 31+75.00 | 37+50.00 | 0.11 | 0.11 | 26 | |
| 55+88.53 | 67+75.51 | 0.22 | 0.22 | 53 | |
| 74+00.00 | 79+00.00 | 0.09 | 0.09 | 22 | |
| 85+75.00 | 90+25.00 | 0.09 | 0.09 | 20 | |
| 91+50.00 | 94+75.00 | 0.06 | 0.06 | 14 | |
| 107+00.00 | 118+50.00 | 0.22 | 0.22 | 51 | |
| 167+00.00 | 175+25.00 | 0.16 | 0.16 | 37 | |
| 176+00.00 | 186+00.00 | 0.19 | 0.19 | 44 | |
| 193+50.00 | 197+00.00 | 0.07 | 0.07 | 16 | |
| 231+00.47 | 241+22.30 | 0.19 | 0.19 | 45 | |
| SUBTOTAL | | 1.4 | 1.4 | 328 | |
| SUBTOTAL | | 2.9 | 2.8 | 669 | |
| TOTAL | | 5.7 | | ~ | |

# FOR INFORMATION ONLY, INCLUDE IN THE COST OF RUMBLE STRIPS

## TOPSOIL & SEEDING

| STATION FROM | STATION TO | cu. yards TOPSOIL SALVAGING & PLACING | acres SEED NO. 1 | SEED NO. 2 | SEED NO. 3 | acres FERTILIZER NO. 1 | FERTILIZER NO. 2 | CONDITION SEEDBED # | MULCH - COMPOST | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| EASTBOUND | | | | | | | | | | |
| 33+00.00 | 35+50.00 | | | | | | | | | |
| 52+87.64 | 60+00.00 | 114 | | | 0.2 | | | 0.2 | | |
| 61+00.00 | 66+50.00 | 88 | | | 0.2 | | | 0.2 | | |
| 70+00.00 | 86+00.00 | 257 | | | 0.6 | | | 0.6 | | |
| 87+50.00 | 90+50.00 | | | | | | | | | |
| 93+00.00 | 95+25.00 | | | | | | | | | |
| 98+00.00 | 99+50.00 | | | | | | | | | |
| 108+00.00 | 112+00.00 | 64 | | | 0.1 | | | 0.1 | | |
| 114+75.00 | 117+50.00 | | | | | | | | | |
| 124+00.00 | 126+50.00 | | | | | | | | | |
| 161+00.00 | 168+00.00 | 112 | | | 0.2 | | | 0.2 | | |
| 177+50.00 | 188+00.00 | 169 | 0.2 | | 0.4 | 0.2 | | 0.6 | | |
| 193+50.00 | 196+50.00 | 48 | | | 0.1 | | | 0.1 | | |
| 231+00.00 | 240+50.00 | 152 | 0.1 | | 0.3 | 0.1 | | 0.4 | | |
| SUBTOTAL | | 1,004.0 | 0.3 | ~ | 2.1 | 0.3 | ~ | 2.4 | ~ | |
| WESTBOUND | | | | | | | | | | |
| 31+75.00 | 37+50.00 | | | | | | | | | |
| 55+88.53 | 67+75.51 | 191 | | | 0.4 | | | 0.4 | | |
| 74+00.00 | 79+00.00 | 80 | | | 0.2 | | | 0.2 | | |
| 85+75.00 | 90+25.00 | | | | | | | | | |
| 91+50.00 | 94+75.00 | | | | | | | | | |
| 107+00.00 | 118+50.00 | 185 | | | 0.4 | | | 0.4 | | |
| 167+00.00 | 175+25.00 | | | | | | | | | |
| 176+00.00 | 186+00.00 | 160 | | | 0.3 | | | 0.3 | | |
| 193+50.00 | 197+00.00 | 56 | | | 0.1 | | | 0.1 | | |
| 231+00.47 | 241+22.30 | 164 | | | 0.4 | | | 0.4 | | |
| SUBTOTAL | | 836 | ~ | ~ | 2 | ~ | ~ | 2 | ~ | |
| TOTAL | | 1,840.0 | 0.3 | ~ | 3.9 | 0.3 | ~ | 4.2 | ~ | |

# FOR INFORMATION ONLY, INCLUDED IN THE COST OF SEEDING AREA NO. 1 & SEEDING AREA NO. 3

## PAVEMENT MARKINGS

| ITEM | UNIT | INTERIM APPLICA-TION # | FINAL APPLICA-TION | TOTAL |
|---|---|---|---|---|
| STRIPING - WHITE PAINT | gallon | 472 | | 472 |
| STRIPING - YELLOW PAINT | gallon | 331 | | 331 |
| WORDS & SYMBOLS - WHITE PAINT | gallon | 6 | | 6 |
| | | | | |
| STRIPING - WHITE EPOXY | gallon | | 315 | 315 |
| STRIPING - YELLOW EPOXY | gallon | | 221 | 221 |
| WORDS & SYMBOLS - WHITE EPOXY | gallon | | 5 | 5 |
| | | | | |
| FINAL SWEEP AND BROOM | course mile | | | 8.1 |
| | | | | |

# BASED ON 2 APPLICATIONS

## CATTLE GUARD

| STATION | each CATTLE GUARD HEAVY DUTY 18 ft | 24 ft | REMARKS |
|---|---|---|---|
| | 1 | | DEHART INTERCHANGE OFF RAMP B1* |
| | | 1 | DEHART INTERCHANGE ON RAMP B2* |
| | 1 | | DEHART INTERCHANGE OFF RAMP B3* |
| | | 1 | DEHART INTERCHANGE ON RAMP B4* |
| TOTAL | 2 | 2 | |

*SEE DETAILS

SHEET NO. 8

SUMMARY SHEET

PROJECT NAME DEHART INTERCHANGE - E & W
COUNTY SWEET GRASS
PROJECT ID IM 90-7(121)360
UPN 10069000

| | | |
|---|---|---|
| DESIGNED BY | E. SMARTNICK | 03/2026 |
| REVIEWED BY | J. BROTZLER | 03/2026 |
| CHECKED BY | J. CERECK | 05/2026 |

10069000RDSUM001.DWG

MONTANA Department of Transportation

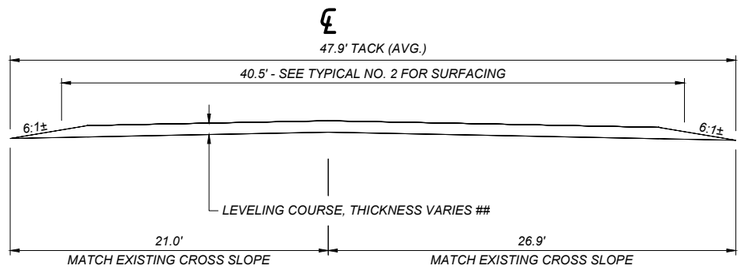
ROAD PLANS

10/27/2026 10:31 AM

ADVERTISED COPY

# LEVELING DETAIL

MAINLINE
EASTBOUND (REVERSE FOR WESTBOUND)




| QUANTITIES | | |
|---|---|---|
| UNIT | BITUMINOUS MATERIAL | |
| | | EMULSIFIED ASPHALT TACK* |
| square yards PER STATION | | 532 |
| tons PER STATION | | |
| gals. PER STATION | | 27 |

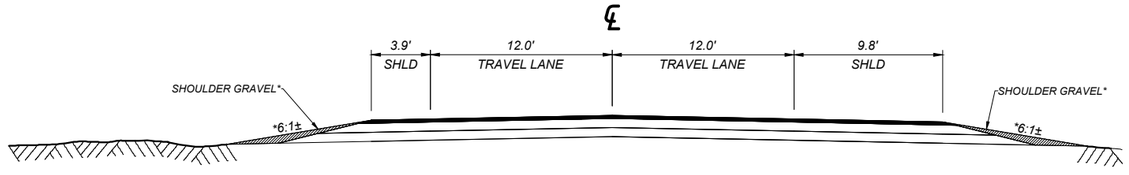
# QUANTITIES MEASURED ON CAD
* BASED ON 1 APPLICATION
## LEVELING COURSE

NOTE: LEVELING DEPTH VARIES, QUANTITIES MEASURED ON CAD

| | | | |
|---|---|---|---|
| EASTBOUND | | | |
| 33+00.00 | TO | 35+50.00 | THEN TO TYP. NO. 1 |
| 52+87.64 | TO | 60+00.00 | THEN TO TYP. NO. 1 |
| 61+00.00 | TO | 66+50.00 | THEN TO TYP. NO. 1 |
| 70+00.00 | TO | 86+00.00 | THEN TO TYP. NO. 1 |
| 87+50.00 | TO | 90+50.00 | THEN TO TYP. NO. 1 |
| 93+00.00 | TO | 95+25.00 | THEN TO TYP. NO. 1 |
| 98+00.00 | TO | 99+50.00 | THEN TO TYP. NO. 1 |
| 108+00.00 | TO | 112+00.00 | THEN TO TYP. NO. 1 |
| 114+75.00 | TO | 117+50.00 | THEN TO TYP. NO. 1 |
| 124+00.00 | TO | 126+50.00 | THEN TO TYP. NO. 1 |
| 161+00.00 | TO | 168+00.00 | THEN TO TYP. NO. 1 |
| 177+50.00 | TO | 188+00.00 | THEN TO TYP. NO. 1 |
| 193+50.00 | TO | 196+50.00 | THEN TO TYP. NO. 1 |
| 231+00.00 | TO | 240+50.00 | THEN TO TYP. NO. 1 |
| WESTBOUND | | | |
| 31+75.00 | TO | 37+50.00 | THEN TO TYP. NO. 1 |
| 55+88.53 | TO | 67+75.51 | THEN TO TYP. NO. 1 |
| 74+00.00 | TO | 79+00.00 | THEN TO TYP. NO. 1 |
| 85+75.00 | TO | 90+25.00 | THEN TO TYP. NO. 1 |
| 91+50.00 | TO | 94+75.00 | THEN TO TYP. NO. 1 |
| 107+00.00 | TO | 118+50.00 | THEN TO TYP. NO. 1 |
| 167+00.00 | TO | 175+25.00 | THEN TO TYP. NO. 1 |
| 176+00.00 | TO | 186+00.00 | THEN TO TYP. NO. 1 |
| 193+50.00 | TO | 197+00.00 | THEN TO TYP. NO. 1 |
| 231+00.47 | TO | 241+22.30 | THEN TO TYP. NO. 1 |

# SHOULDER GRAVEL DETAIL

MAINLINE
EASTBOUND (REVERSE FOR WESTBOUND)




*NOTE: VARIES, 4:1 MAX, KEEP SHOULDER GRAVEL FROM COVERING PAVEMENT DRAINAGE STRUCTURES

| | | | |
|---|---|---|---|
| EASTBOUND | | | |
| 33+00.00 | TO | 35+50.00 | THEN TO TYP. NO. 1 |
| 52+87.64 | TO | 60+00.00 | THEN TO TYP. NO. 1 |
| 61+00.00 | TO | 66+50.00 | THEN TO TYP. NO. 1 |
| 70+00.00 | TO | 86+00.00 | THEN TO TYP. NO. 1 |
| 87+50.00 | TO | 90+50.00 | THEN TO TYP. NO. 1 |
| 93+00.00 | TO | 95+25.00 | THEN TO TYP. NO. 1 |
| 98+00.00 | TO | 99+50.00 | THEN TO TYP. NO. 1 |
| 108+00.00 | TO | 112+00.00 | THEN TO TYP. NO. 1 |
| 114+75.00 | TO | 117+50.00 | THEN TO TYP. NO. 1 |
| 124+00.00 | TO | 126+50.00 | THEN TO TYP. NO. 1 |
| 161+00.00 | TO | 168+00.00 | THEN TO TYP. NO. 1 |
| 177+50.00 | TO | 188+00.00 | THEN TO TYP. NO. 1 |
| 193+50.00 | TO | 196+50.00 | THEN TO TYP. NO. 1 |
| 231+00.00 | TO | 240+50.00 | THEN TO TYP. NO. 1 |
| WESTBOUND | | | |
| 31+75.00 | TO | 37+50.00 | THEN TO TYP. NO. 1 |
| 55+88.53 | TO | 67+75.51 | THEN TO TYP. NO. 1 |
| 74+00.00 | TO | 79+00.00 | THEN TO TYP. NO. 1 |
| 85+75.00 | TO | 90+25.00 | THEN TO TYP. NO. 1 |
| 91+50.00 | TO | 94+75.00 | THEN TO TYP. NO. 1 |
| 107+00.00 | TO | 118+50.00 | THEN TO TYP. NO. 1 |
| 167+00.00 | TO | 175+25.00 | THEN TO TYP. NO. 1 |
| 176+00.00 | TO | 186+00.00 | THEN TO TYP. NO. 1 |
| 193+50.00 | TO | 197+00.00 | THEN TO TYP. NO. 1 |
| 231+00.47 | TO | 241+22.30 | THEN TO TYP. NO. 1 |

**SHEET NO.** 9

**LEVELING & SHOULDER GRAVEL DETAILS**

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| DESIGNED BY | REVIEWED BY | CHECKED BY |
|---|---|---|
| E. SMARTNICK | J. BROTZLER | J. CERECK |
| 03/2026 | 03/2026 | 05/2026 |

10069000RDDET002.DWG

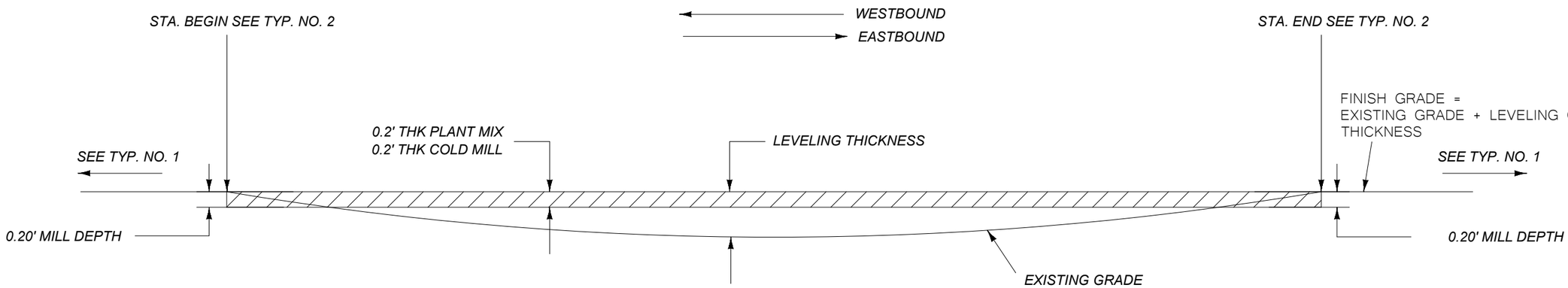
MONTANA Department of Transportation

ROAD PLANS

10/27/2026 10:31 AM

ADVERTISED COPY

# TAPER MILL - LEVELING




NOTE: SEE DETAIL FOR STATION RANGES
NOTE: SEE ADDITIONAL SURFACING FRAME FOR LEVELING THICKNESS

SHEET NO. 10

LEVELING AREA DETAIL

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| | | | |
|---|---|---|---|
| DESIGNED BY | E. SMARTNICK | 03/2026 | |
| REVIEWED BY | J. BROTZLER | 03/2026 | |
| CHECKED BY | J. CERECK | 05/2026 | |

MONTANA Department of Transportation

ROAD PLANS

10069000RDDET001.DWG

7/13/2026 2:50 PM

ADVERTISED COPY

SEAL AND COVER

STA 160+69.83
END RAMP B2
END SEAL & COVER

STA 158+33.57
END RAMP B3
END SEAL & COVER

STA 143+53.81
BEGIN RAMP B2
BEGIN SEAL & COVER

STA. 0+32.00
BEGIN DEHART TRAIL RD
BEGIN SEAL & COVER
SEE AS BUILT I-90-7(41)359

STA 143+30.19
END RAMP B1
END SEAL & COVER

STA. 143+35.38

RAMP B2

RAMP B3

RAMP B1

RAMP B4

STA 143+48.57
BEGIN RAMP B3
BEGIN SEAL & COVER

STA. 7+17.31
END DEHART TRAIL RD
END SEAL AND COVER
SEE AS BUILT I-90-7(41)359

STA 143+23.34
END RAMP B4
END SEAL & COVER

STA 122+82.53
BEGIN RAMP B1
BEGIN SEAL & COVER

STA 126+58.81
BEGIN RAMP B4
BEGIN SEAL & COVER

N

NOTE: SEE ADDITIONAL SURFACING FRAME FOR QUANTITIES

SHEET NO.
11

DEHART INTERCHANGE
DETAIL

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| | | |
|---|---|---|
| DESIGNED BY | E. SMARTNICK | 03/2026 |
| REVIEWED BY | J. BROTZLER | 03/2026 |
| CHECKED BY | J. CERECK | 05/2026 |

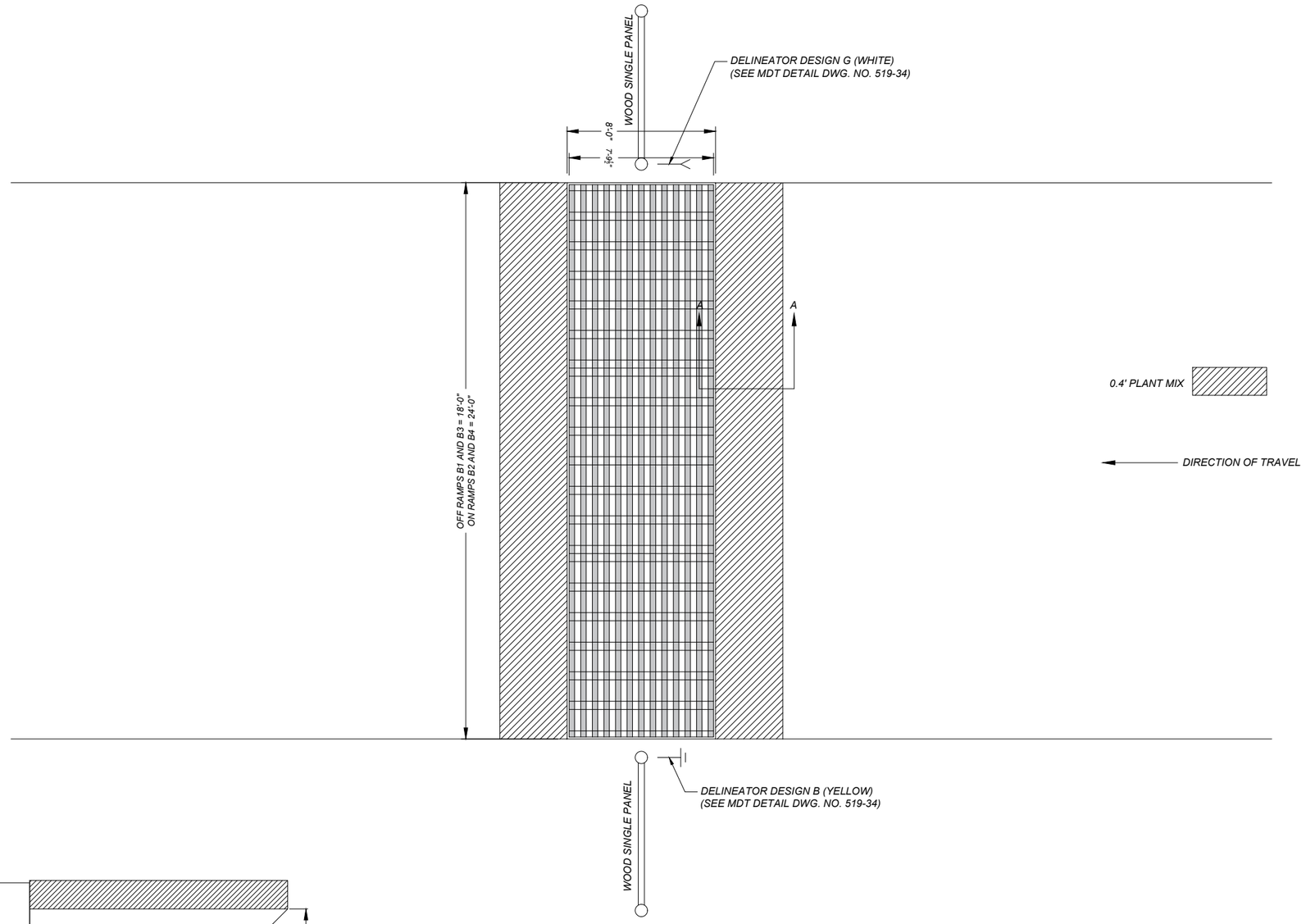
10069000RDDET001.DWG

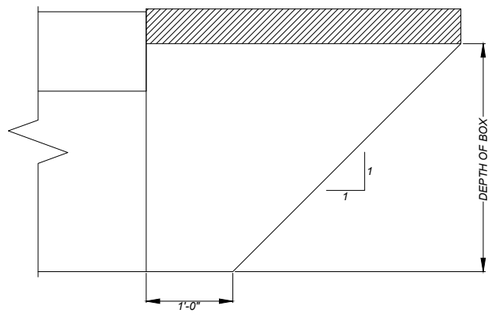
MONTANA
Department of Transportation

ROAD PLANS

7/13/2026 2:50 PM

ADVERTISED COPY




SECTION A-A

**SHEET NO.** 12

**HEAVY DUTY CATTLE GUARD DETAIL (NO SCALE)**

PROJECT NAME: **DEHART INTERCHANGE - E & W**
COUNTY: **SWEET GRASS**
PROJECT ID: **IM 90-7(121)360**
UPN: **10069000**

| DESIGNED BY | | REVIEWED BY | | CHECKED BY | |
|---|---|---|---|---|---|
| E. SMARTNICK | 03/2026 | J. BROTZLER | 03/2026 | J. CERECK | 05/2026 |

**MONTANA**
Department of Transportation

**ROAD PLANS**

10/27/2026 10:32 AM

10069000RDDET003.DWG

# NOTES AND ABBREVIATIONS:

MOUNTING HEIGHT REQUIREMENTS: MOUNTING HEIGHTS SHOWN REFER TO THE BOTTOM OF THE MAJOR PANEL. SEE DETAILED DRAWINGS 619-00 & 619-08

SEE LOCATION AND SPECIFICATION SHEETS FOR PORTIONS OF PROJECT NOT INCLUDED WITHIN SIGNING PLAN SHEETS.

SIGN POSTS SYMBOLS SHOWN ARE FOR REFERENCE ONLY TO SHOW EXISTING SIGNS THAT REQUIRE NO ACTION.

SIGNING AND PAVEMENT MARKING LOCATIONS ARE APPROXIMATE. PROJECT MANAGER TO FIELD ADJUST AS NECESSARY.

ADOPT A HIGHWAY: IF SIGNS N7-1/N7-1P EXIST, CONTRACTOR WILL CONFIRM THAT THE GROUP NAME ON THE SIGN(S) EXISTING AT THE TIME OF CONSTRUCTION CORRESPONDS TO THE GROUP NAME ON THE SIGN(S) SHOWN IN PLANS. IF NAME IS DIFFERENT, PROJECT MANAGER WILL CONTACT TRAFFIC & SAFETY BUREAU SIGNING SECTION WITH THE CORRECT NAME AND A NEW SIGN DESIGN WILL BE PROVIDED.

BBR = BACKBRACING REQUIRED:
- FOR WOOD POLE SEE DET. DWG 619-22
- FOR STEEL POST 2" X 2" X 1/4" REQUIRED. SEE DET. DWG 619-16
- FOR STRUCTURAL STEEL POST 2 3/4" X 2 3/8" EXTRUDED "T" SECTION BACKBRACE REQUIRED. SEE DET. DWG 619-19
- FOR CANTILEVER POST, SEE DET. DWG 619-18
- FOR GUIDE SIGN PANELS, USE EXTRUDED "T" SECTION BACKBRACE. SEE DET. DWG 619-04

USE HARDWARE MEETING REQUIREMENTS OF SECTION 704

RSFO = REPLACE SIGN FACE ONLY

FY = FLUORESCENT YELLOW SHEETING REQUIRED

FYG = FLUORESCENT YELLOW-GREEN SHEETING REQUIRED

1 AIR = 1 OR 2 ANGLE IRONS REQUIRED
2 AIR = 2 1/2" x 2 1/2" x 3/8" x 6'-4" (37 lbs.EACH)
IF Y POST DOES NOT REACH TOP 6" OF PANEL, 2 ANGLE IRONS REQUIRED.

MBB = MOUNT BACK TO BACK

CAM = CHEVRON ANGLE MOUNT (SEE DET. DWG 619-24)

CBR = CONCRETE BARRIER RAIL

✕ = STANDARD BREAKAWAY DEVICE:
- FOR WOOD POST SEE DETAILED DRAWING 619-20.
- FOR STRUCTURAL STEEL SEE DETAILED DRAWING 619-13.

▲ = SINGLE SQUARE TUBE REQUIRED. MOUNTED IN HEAVY DUTY STUB.

★ = TELESCOPED SQUARE TUBES (2-1/4" & 2-1/2") WITH SLIP BASE BREAKAWAY REQUIRED. MOUNTED IN HEAVY DUTY STUB.

▮ = FRANGIBLE SIGN POST. BREAKAWAY DEVICE REQUIRED.

BGR = BEHIND GUARDRAIL

## SUMMARY
## SIGNING & DELINEATION QUANTITIES

| MATERIAL | TOTAL | UNIT |
|---|---|---|
| SIGNS-ALUM REFL SHEET XI | 558.9 | SQFT |
| SIGNS-ALUM SHEET INCR XI | 422.3 | SQFT |
| REMOVE SIGN | 45 | EACH |
| POSTS-TUBULAR STEEL | 1,030 | LB |
| POSTS-STEEL U SIGN | 436 | LB |
| POSTS-STEEL STRUCTURAL SIGN | 1,338 | LB |
| POLES-TREATED WOOD 4 IN | 8 | EACH |
| POLES-TREATED WOOD 5 IN | 7 | EACH |
| FRANG SIGN POST BKWY-S5 X 10 (S130X15) | 3 | EACH |
| FRANG SIGN POST BKWY-W4 X 13 (W100X19) | 1 | EACH |
| FRANG SIGN POST BKWY-3 IN RD (76 MM) | 6 | EACH |
| FRANG SIGN POST BKWY-3.5 IN RD (89MM) | 4 | EACH |
| DELINEATOR TYPE 1 | 399 | EACH |

| DELINEATION SPECIFICATIONS | | |
|---|---|---|
| SYMBOL | DESIGN | TOTAL |
| ⊣ | A | 138 |
| ⊣\| | B | 28 |
| \|⊣\| | D | 8 |
| ⊣< | G | 49 |
| ⊣▷ | H | 115 |
| ×⊣\| | BJ | 40 |
| ×⊣< | GJ | 21 |

SHEET NO.
S1

SIGNING SUMMARY

PROJECT NAME DEHART INTERCHANGE - E & W
COUNTY SWEET GRASS
PROJECT ID IM 90-7(121)360
UPN 100690000

| DESIGNED BY | 05/2026 |
|---|---|
| S. PRATT | |
| REVIEWED BY | 05/2026 |
| R. LUBBERS | |
| CHECKED BY | 05/2026 |
| H. NICHOLAS | |

100690000SISUMZ01.DWG

MONTANA Department of Transportation

SIGN PLANS

7/13/2026 12:46 PM

ADVERTISED COPY

| SIGN LOCATION | | | PANEL SPECIFICATIONS | | | | | SIGN ASSEMBLY SPECIFICATIONS | | | | | | | | | | | | | SIGN ASSEMBLY QUANTITIES | | | | | | | | | | ADDITIONAL INFORMATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | FEET | | FEET | | | | | | | | | | | PANEL (SQ. FT.) | | WOOD POLE (LNR. FT.) | | STEEL POST (LBS.) | | | | | REMOVE | | RESET | | | |
| STATION / R.P. | LFT / MDN / RGT / OH | ACTION | SIGN NO. (MUTCD / MT) | PANEL SIZE (INCHES) W X H | FY OR FYG | BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D | MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT | CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN) | TYPE OF SUPPORT | SUPPORT SPACING | MOUNTING HEIGHT | SIGN HEIGHT+GAPS (ABOVE MOUNTING HEIGHT) | FOUNDATION DEPTH | SUPPORT LENGTH (ESTIMATED) X | Y | Z | CANTILEVER | BREAKAWAY TYPE | BEHIND GUARDRAIL | SHEET ALUMINUM | SHEET ALUMINUM INCREMENT | 4" TOP DIA. | 5" TOP DIA. | ROUND TUBULAR | SQUARE TUBULAR | STRUCTURAL STEEL | "U" POST | # OF BREAKAWAYS | SIGN | GUIDE | SIGN | GUIDE | SIGN IMAGE | REMARKS |
| 33+47 | L | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | | 36 | | 1 | | | | | |
| 33+49 | R | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | | 36 | | 1 | | | | | |
| 86+12 | R | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | | 36 | | 1 | | | | | |
| 86+31 | L | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | | 36 | | 1 | | | | | |
| 97+29 | L | REPLACE | W11-3 | 36 X 36 | | | | 10' Std. Interstate | 4" Treated Wood Pole | | 7' Std - Inters | 4.2 | 3.0 | 14.2 | | | | | | 9.0 | | 16 | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97+84 | R | RSFO | E-362 | 132 X 30 | | 2 AIR | | | | | | | | | | | | | | | 27.5 | | | | | 74 | | | | | | EXIT 362 | |
| | | | G6-32 | 132 X 72 | | | | | | | | | | | | | | | | | 66.0 | | | | | | | | | | | De Hart ½ MILE | |
| | | | IS8-3 | 84 X 18 | | | | | | | | | | | | | | | | | 10.5 | | | | | | | | | | | NO SERVICES | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 106+35 | L | REPLACE | R2-1 | 48 X 60 | | | | 10' Std. Interstate | S5x10 Structural Steel | | 10.1 | 5.0 | 3.5 | 16.8 | | | | ■ | | 20.0 | | | | | 168 | | | 1 | 1 | | | | SPEED LIMIT 80 | |
| | | | R2-2P | 48 X 48 | | | | | | | | | | | | | | | | 16.0 | | | | | | | | | | | TRUCKS 70 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116+13 | L | REPLACE | M3-4P | 36 X 18 | | BBR | | 10' Std. Interstate | S5x10 Structural Steel | | 7' Std - Inters | 9.3 | 3.5 | 17.9 | | | | ■ | | 4.5 | | | | | 179 | | | 1 | 1 | | | | WEST | |
| | | | M1-1 | 36 X 36 | | | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | INTERSTATE 90 | |
| | | | M3-3P | 36 X 18 | | | | | | | | | | | | | | | | 4.5 | | | | | | | | | | | SOUTH | |
| | | | M1-4 | 45 X 36 | | | | | | | | | | | | | | | | 11.3 | | | | | | | | | | | 191 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 116+79 | M | REPLACE | R5-11 | 30 X 24 | | BBR | MBB | * | 4" Treated Wood Pole | | 7' Std - Inters | 2.0 | 3.0 | 17.3 | | | | | | 10.0 | | 18 | | | | | | 1 | | | | AUTHORIZED VEHICLES ONLY | * SEE MDT DET DWG 619-46 |

SHEET NO.
S2

SIGNING SUMMARY

PROJECT NAME DEHART INTERCHANGE - E & W
COUNTY SWEET GRASS
PROJECT ID IM 90-7(121)360
UPN 10069000

| DESIGNED BY | DATE | REVIEWED BY | DATE | CHECKED BY | DATE |
|---|---|---|---|---|---|
| S. PRATT | 05/2026 | R. LUBBERS | 05/2026 | H. NICHOLAS | 05/2026 |

10069000SISUMZ01.DWG

MONTANA Department of Transportation

SIGN PLANS

7/13/2026 1:50 PM

ADVERTISED COPY

| SIGN LOCATION | | | PANEL SPECIFICATIONS | | | | | SIGN ASSEMBLY SPECIFICATIONS | | | | | | | | | | | | | | SIGN ASSEMBLY QUANTITIES | | | | | | | | | | ADDITIONAL INFORMATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | FEET | | FEET | | | | | | | | | | | | PANEL (SQ. FT.) | | WOOD POLE (LNR. FT.) | | STEEL POST (LBS.) | | | | | REMOVE | | RESET | | | |
| STATION / R.P. | LFT / MDN / RGT / OH | ACTION | SIGN NO. (MUTCD / MT) | PANEL SIZE (INCHES) W X H | FY OR FYG | BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D | MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT | CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN) | TYPE OF SUPPORT | SUPPORT SPACING | MOUNTING HEIGHT | SIGN HEIGHT+GAPS (ABOVE MOUNTING HEIGHT) | FOUNDATION DEPTH | SUPPORT LENGTH (ESTIMATED) X | Y | Z | CANTILEVER | BREAKAWAY TYPE | BEHIND GUARDRAIL | SHEET ALUMINUM | SHEET ALUMINUM INCREMENT | 4" TOP DIA. | 5" TOP DIA. | ROUND TUBULAR | SQUARE TUBULAR | STRUCTURAL STEEL | "U" POST | # OF BREAKAWAYS | SIGN | GUIDE | SIGN | GUIDE | SIGN IMAGE | REMARKS |
| 131+91 | R | RSFO | EG-362 | 96 X 60 | | | | | | | | | | | | | | | | | 40.0 | | | | | | | | | | | | |
| 135+36 | R | REPLACE | W3-1 | 48 X 48 | | BBR | | 10' Std. Interstate | 3.5" Tubular Stl-Round | | 7' Std - Inters | 5.7 | 3.0 | 14.2 | | | | ■ | | 16.0 | | | | 130 | | | | 1 | 1 | | | | | |
| 137+03 | R | REPLACE | R5-1a | 42 X 30 | | | | 10' Std. Interstate | 4" Treated Wood Pole | | 4' Std - Inters | 2.5 | 3.0 | 11.2 | | | | | | 8.8 | | 12 | | | | | | | 1 | | | | | |
| 137+08 | R | REPLACE | R5-1a | 42 X 30 | | | | 10' Std. Interstate | 4" Treated Wood Pole | | 4' Std - Inters | 2.5 | 3.0 | 11.2 | | | | | | 8.8 | | 12 | | | | | | | 1 | | | | | |
| 138+92 | R | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | 36 | | | 1 | | | | | |
| 138+97 | L | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | 36 | | | 1 | | | | | |
| 139+28 | R | RSFO | IS8-3 | 144 X 36 | | | | | | | | | | | | | | | | | 36.0 | | | | | | | | | | | | |
| 140+77 | L | REPLACE | LA-1 MT | 24 X 12 | | | | 7' Std. Interstate | 2.0lb Steel U Post | | 4' Stl U - RP/M | 1.0 | 3.0 | 9.2 | | | | | | 2.0 | | | | | | 19 | | | 1 | | | | | |
| 141+55 | L | REPLACE | D13-3 | 48 X 30 | | | | 10' Std. Interstate | 5" Treated Wood Pole | | 7' Std - Inters | 2.5 | 3.5 | 14.7 | | | | X | | 10.0 | | | 16 | | | | | | 1 | | | | | |
| 141+66 | R | REPLACE | LA-2 MT | 24 X 12 | | | | 7' Std. Interstate | 2.0lb Steel U Post | | 4' Stl U - RP/M | 1.0 | 3.0 | 9.2 | | | | | | 2.0 | | | | | | 19 | | | 1 | | | | | |
| 142+79 | R | REPLACE | R1-1 | 48 X 48 | | | | 6' Std. Interstate | 3.0" Tubular Stl-Round | | 7' Std - Inters | 4.0 | 3.0 | 11.0 | | | | ■ | | 13.3 | | | | 84 | | | | 1 | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142+89 | R | REPLACE | R6-1R/R6-1L | 36 X 12 | | | MBB | 10' Std. Interstate | 3.0" Tubular Stl-Round | | 7' Std - Inters | 4.1 | 3.0 | 11.1 | | | | ■ | | 6.0 | | | | 85 | | | | 1 | 1 | | | | | |
| | | | R5-1 | 36 X 36 | | | | | | | | | | | | | | | | 9.0 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 142+93 | R | REPLACE | R6-1R/R6-1L | 36 X 12 | | | MBB | 5' Std. BGR | 3.0" Tubular Stl-Round | | 7' Std - Inters | 4.1 | 3.0 | 11.1 | | | | ■ | BGR | 6.0 | | | | 85 | | | | 1 | 1 | | | | | |
| | | | R5-1 | 36 X 36 | | | | | | | | | | | | | | | | 9.0 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143+01 | L | RSFO | G9-57 | 66 X 42 | | | | | | | | | | | | | | | | | 19.3 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

EXIT 362 | WRONG WAY | WRONG WAY | 362 | 362 | NO SERVICES | ENTERING CONTROLLED ACCESS HIGHWAY | FREEWAY ENTRANCE | LEAVING CONTROLLED ACCESS HIGHWAY | STOP | ONE WAY | ONE WAY | DO NOT ENTER | ONE WAY | ONE WAY | DO NOT ENTER | Billings | Butte

SHEET NO. S3

SIGNING SUMMARY

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| DESIGNED BY | REVIEWED BY | CHECKED BY |
|---|---|---|
| S. PRATT 05/2026 | R. LUBBERS 05/2026 | H. NICHOLAS 05/2026 |

MONTANA Department of Transportation

SIGN PLANS

10069000SIUMZ01.DWG

7/13/2026 1:50 PM

ADVERTISED COPY

| SIGN LOCATION | | | PANEL SPECIFICATIONS | | | | | SIGN ASSEMBLY SPECIFICATIONS | | | | | | | | | | | | SIGN ASSEMBLY QUANTITIES | | | | | | | | | | | | ADDITIONAL INFORMATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | FEET | | FEET | | | | | | | | | | PANEL (SQ. FT.) | | WOOD POLE (LNR. FT.) | | STEEL POST (LBS.) | | | | | REMOVE | | RESET | | | |
| STATION / R.P. | LFT / MDN / RGT / OH | ACTION | SIGN NO. (MUTCD / MT) | PANEL SIZE (INCHES) W X H | FY OR FYG | BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D | MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT | CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN) | TYPE OF SUPPORT | SUPPORT SPACING | MOUNTING HEIGHT | SIGN HEIGHT GAPS (ABOVE MOUNTING HEIGHT) | FOUNDATION DEPTH | SUPPORT LENGTH (ESTIMATED) X | Y | Z | CANTILEVER | BREAKAWAY TYPE | BEHIND GUARDRAIL | SHEET ALUMINUM | SHEET ALUMINUM INCREMENT | 4" TOP DIA. | 5" TOP DIA. | ROUND TUBULAR | SQUARE TUBULAR | STRUCTURAL STEEL | "U" POST | # OF BREAKAWAYS | SIGN | GUIDE | SIGN | GUIDE | SIGN IMAGE | REMARKS |
| 143+11 | L | REPLACE | M3-2P | 36 X 18 | | BBR | MBB | 5' Std. BGR | W8x18 Structural Steel | | 7' Std - Inters | 6.4 | 5.5 | 14.3 | | | | | BGR | 4.5 | | | | | | 258 | | | 1 | | | | EAST | |
| | | | M1-1 | 36 X 36 | | BBR | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | | INTERSTATE 90 | |
| | | | M6-3P | 30 X 21 | | BBR | | | | | | | | | | | | | | 4.4 | | | | | | | | | | | | | |
| | | | M3-4P | 36 X 18 | | BBR | | | | | | | | | | | | | | 4.5 | | | | | | | | | | | | WEST | |
| | | | M1-1 | 36 X 36 | | BBR | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | | INTERSTATE 90 | |
| | | | M6-1PR | 30 X 21 | | BBR | | | | | | | | | | | | | | 4.4 | | | | | | | | | | | | | |
| | | | M3-4P | 36 X 18 | | BBR | MBB | | | | | | | | | | | | | 4.5 | | | | | | | | | | | | WEST | |
| | | | M1-1 | 36 X 36 | | BBR | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | | INTERSTATE 90 | |
| | | | M6-1PL | 30 X 21 | | BBR | | | | | | | | | | | | | | 4.4 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143+12 | R | RSFO | G8-53 | 72 X 24 | | | | | | | | | | | | | | | | | 12.0 | | | | | | | | | | | ← Billings | |
| 143+12 | L | REPLACE | R3-2 | 36 X 36 | | | | 10' Std. Interstate | 5" Treated Wood Pole | | 7' Std - Inters | 3.0 | 3.5 | 13.5 | | | | X | | 9.0 | | | 14 | | | | | 1 | | | | | |
| 143+14 | R | REPLACE | R3-1 | 36 X 36 | | | | 5' Std. BGR | 5" Treated Wood Pole | | 7' Std - Inters | 3.0 | 3.5 | 13.5 | | | | | BGR | 9.0 | | | 14 | | | | | 1 | | | | | |
| 143+49 | R | REPLACE | R3-2 | 36 X 36 | | | | 10' Std. Interstate | 5" Treated Wood Pole | | 7' Std - Inters | 3.0 | 3.5 | 13.5 | | | | X | | 9.0 | | | 14 | | | | | 1 | | | | | |
| 143+57 | L | REPLACE | R3-1 | 36 X 36 | | | | 5' Std. BGR | 5" Treated Wood Pole | | 7' Std - Inters | 3.0 | 3.5 | 13.5 | | | | | BGR | 9.0 | | | 14 | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SHEET NO.
S4

SIGNING SUMMARY

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| DESIGNED BY | DATE | REVIEWED BY | DATE | CHECKED BY | DATE |
|---|---|---|---|---|---|
| S. PRATT | 05/2026 | R. LUBBERS | 05/2026 | H. NICHOLAS | 05/2026 |

MONTANA Department of Transportation

SIGN PLANS

10069000SISUMZ01.DWG

7/13/2026 1:50 PM

HDR

ADVERTISED COPY

| SIGN LOCATION | | | PANEL SPECIFICATIONS | | | | | SIGN ASSEMBLY SPECIFICATIONS | | | | | | | | | | | SIGN ASSEMBLY QUANTITIES | | | | | | | | | | | | ADDITIONAL INFORMATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | FEET | | FEET | | | | | | | | | PANEL (SQ. FT.) | | WOOD POLE (LNR. FT.) | | STEEL POST (LBS.) | | | | | REMOVE | | RESET | | | |
| STATION / R.P. | LFT / MDN / RGT / OH | ACTION | SIGN NO. (MUTCD / MT) | PANEL SIZE (INCHES) W X H | FY OR FYG | BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D | MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT | CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN) | TYPE OF SUPPORT | SUPPORT SPACING | MOUNTING HEIGHT | SIGN HEIGHT+GAPS (ABOVE MOUNTING HEIGHT) | FOUNDATION DEPTH | SUPPORT LENGTH (ESTIMATED) X | Y | Z | CANTILEVER | BREAKAWAY TYPE | BEHIND GUARDRAIL | SHEET ALUMINUM | SHEET ALUMINUM INCREMENT | 4" TOP DIA. | 5" TOP DIA. | ROUND TUBULAR | SQUARE TUBULAR | STRUCTURAL STEEL | "U" POST | # OF BREAKAWAYS | SIGN | GUIDE | SIGN | GUIDE | SIGN IMAGE | REMARKS |
| 143+57 | R | REPLACE | M3-4P | 36 X 18 | | | BBR | MBB | 5' Std. BGR | W8x18 Structural Steel | | 7' Std - Inters | 6.4 | 5.5 | 14.3 | | | | | BGR | 4.5 | | | | | | 258 | | | 1 | | | | WEST | |
| | | | M1-1 | 36 X 36 | | | BBR | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | | INTERSTATE 90 | |
| | | | M6-3P | 30 X 21 | | | BBR | | | | | | | | | | | | | | 4.4 | | | | | | | | | | | | | |
| | | | M3-2P | 36 X 18 | | | BBR | | | | | | | | | | | | | | 4.5 | | | | | | | | | | | | EAST | |
| | | | M1-1 | 36 X 36 | | | BBR | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | | INTERSTATE 90 | |
| | | | M6-1PR | 30 X 21 | | | BBR | | | | | | | | | | | | | | 4.4 | | | | | | | | | | | | | |
| | | | M3-2P | 36 X 18 | | | BBR | MBB | | | | | | | | | | | | | 4.5 | | | | | | | | | | | | EAST | |
| | | | M1-1 | 36 X 36 | | | BBR | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | | INTERSTATE 90 | |
| | | | M6-1PL | 30 X 21 | | | BBR | | | | | | | | | | | | | | 4.4 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143+59 | L | REPLACE | R1-1 | 36 X 36 | | | | 6' Std. Interstate | 5" Treated Wood Pole | | 7' Std - Inters | 3.0 | 3.5 | 13.5 | | | | X | | | 7.5 | | 14 | | | | | | | 1 | | | | STOP | |
| 143+60 | L | RSFO | G8-19 | 60 X 24 | | | | | | | | | | | | | | | | | | 10.0 | | | | | | | | | | | | Butte | |
| 143+68 | R | RSFO | G9-56 | 72 X 42 | | | | | | | | | | | | | | | | | | 21.0 | | | | | | | | | | | | Butte / Billings | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143+73 | L | REPLACE | R6-1R/R6-1L | 36 X 12 | | | | MBB | 5' Std. BGR | 3.0" Tubular Stl-Round | | 7' Std - Inters | 4.1 | 3.0 | 11.1 | | | | | BGR | 6.0 | | | | | | 85 | | | 1 | 1 | | | ONE WAY / ONE WAY | |
| | | | R5-1 | 36 X 36 | | | | | | | | | | | | | | | | | 9.0 | | | | | | | | | | | | DO NOT ENTER | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 143+73 | L | REPLACE | R6-1R/R6-1L | 36 X 12 | | | | MBB | 10' Std. Interstate | 3.0" Tubular Stl-Round | | 7' Std - Inters | 4.1 | 3.0 | 11.1 | | | | | | 6.0 | | | | | | 85 | | | 1 | 1 | | | ONE WAY / ONE WAY | |
| | | | R5-1 | 36 X 36 | | | | | | | | | | | | | | | | | 9.0 | | | | | | | | | | | | DO NOT ENTER | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

SHEET NO. S5

SIGNING SUMMARY

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| DESIGNED BY | REVIEWED BY | CHECKED BY |
|---|---|---|
| S. PRATT 05/2026 | R. LUBBERS 05/2026 | H. NICHOLAS 05/2026 |

10069000SIGNSUMZ01.DWG

MONTANA Department of Transportation

SIGN PLANS

7/13/2026 1:51 PM

ADVERTISED COPY

| SIGN LOCATION | | | PANEL SPECIFICATIONS | | | | | SIGN ASSEMBLY SPECIFICATIONS | | | | | | | | | | | | | SIGN ASSEMBLY QUANTITIES | | | | | | | | | | ADDITIONAL INFORMATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | FEET | | FEET | | | | | | | | | | | PANEL (SQ. FT.) | | WOOD POLE (LNR. FT.) | | STEEL POST (LBS.) | | | | | REMOVE | | RESET | | | |
| STATION / R.P. | LFT / MDN / RGT / OH | ACTION | SIGN NO. (MUTCD / MT) | PANEL SIZE (INCHES) W X H | FY OR FYG | BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D | MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT | CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN) | TYPE OF SUPPORT | SUPPORT SPACING | MOUNTING HEIGHT | SIGN HEIGHT+GAPS (ABOVE MOUNTING HEIGHT) | FOUNDATION DEPTH | SUPPORT LENGTH (ESTIMATED) X | Y | Z | CANTILEVER | BREAKAWAY TYPE | BEHIND GUARDRAIL | SHEET ALUMINUM | SHEET ALUMINUM INCREMENT | 4" TOP DIA. | 5" TOP DIA. | ROUND TUBULAR | SQUARE TUBULAR | STRUCTURAL STEEL | "U" POST | # OF BREAKAWAYS | SIGN | GUIDE | SIGN | GUIDE | SIGN IMAGE | REMARKS |
| 143+92 | L | REPLACE | R1-1 | 48 X 48 | | | | 6' Std. Interstate | 3.0" Tubular Stl-Round | | 7' Std - Inters | 4.0 | 3.0 | 11.0 | | | | ■ | | 13.3 | | | | 84 | | | | 1 | 1 | | | | STOP | |
| 144+94 | R | REPLACE | D13-3 | 48 X 30 | | | | 10' Std. Interstate | 5" Treated Wood Pole | | 7' Std - Inters | 2.5 | 3.5 | 14.7 | | | | X | | 10.0 | | | 16 | | | | | | 1 | | | | FREEWAY ENTRANCE | |
| 144+96 | L | REPLACE | LA-2 MT | 24 X 12 | | | | 7' Std. Interstate | 2.0lb Steel U Post | | 4' Stl U - RP/M | 1.0 | 3.0 | 9.2 | | | | | | 2.0 | | | | | | | 19 | | 1 | | | | LEAVING CONTROLLED ACCESS HIGHWAY | |
| 147+54 | R | REPLACE | LA-1 MT | 24 X 12 | | | | 7' Std. Interstate | 2.0lb Steel U Post | | 4' Stl U - RP/M | 1.0 | 3.0 | 9.2 | | | | | | 2.0 | | | | | | | 19 | | 1 | | | | ENTERING CONTROLLED ACCESS HIGHWAY | |
| 147+76 | L | RSFO | IS8-3 | 144 X 36 | | | | | | | | | | | | | | | | | 36.0 | | | | | | | | | | | NO SERVICES | |
| 149+27 | L | REPLACE | R5-1a | 42 X 30 | | | | 10' Std. Interstate | 4" Treated Wood Pole | | 4' Std. Inters | 2.5 | 3.0 | 11.2 | | | | | | 8.8 | | 12 | | | | | | | 1 | | | | WRONG WAY | |
| 149+34 | L | REPLACE | R5-1a | 42 X 30 | | | | 10' Std. Interstate | 4" Treated Wood Pole | | 4' Std. Inters | 2.5 | 3.0 | 11.2 | | | | | | 8.8 | | 12 | | | | | | | 1 | | | | WRONG WAY | |
| 151+54 | L | REPLACE | W3-1 | 48 X 48 | | | | 10' Std. Interstate | 3.5" Tubular Stl-Round | | 7' Std - Inters | 5.7 | 3.0 | 14.2 | | | | ■ | | 16.0 | | | | 130 | | | | 1 | 1 | | | | | |
| 154+63 | L | RSFO | EG-362 | 96 X 60 | | | | | | | | | | | | | | | | | 40.0 | | | | | | | | | | | EXIT 362 | |
| 164+75 | R | REPLACE | W11-3 | 36 X 36 | | | | 10' Std. Interstate | 4" Treated Wood Pole | | 7' Std - Inters | 4.2 | 3.0 | 15.9 | | | | | | 9.0 | | 16 | | | | | | | 1 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 170+79 | R | REPLACE | M3-2P | 36 X 18 | | | | 10' Std. Interstate | W4x13 Structural Steel | | 7' Std - Inters | 9.3 | 3.5 | 17.9 | | | | ■ | | 4.5 | | | | | | 233 | | | 1 | 1 | | | | EAST | |
| | | | M1-1 | 36 X 36 | | | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | INTERSTATE 90 | |
| | | | M3-1P | 36 X 18 | | | | | | | | | | | | | | | | 4.5 | | | | | | | | | | | NORTH | |
| | | | M1-4 | 45 X 36 | | | | | | | | | | | | | | | | 11.3 | | | | | | | | | | | 191 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 171+14 | M | REPLACE | R5-11 | 30 X 24 | | BBR | MBB | * | 4" Treated Wood Pole | | 7' Std - Inters | 2.0 | 3.0 | 17.5 | | | | | | 10.0 | | 18 | | | | | | | 1 | | | | AUTHORIZED VEHICLES ONLY | * SEE MDT DET DWG 619-46 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 185+25 | R | REPLACE | R2-1 | 48 X 60 | | | | 10' Std. Interstate | S5x10 Structural Steel | | 10.1 | 5.0 | 3.5 | 16.8 | | | | ■ | | 20.0 | | | | | | 168 | | | 1 | 1 | | | | SPEED LIMIT 80 | |
| | | | R2-2P | 48 X 48 | | | | | | | | | | | | | | | | 16.0 | | | | | | | | | | | TRUCKS 70 | |

SHEET NO. S6

SIGNING SUMMARY

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| DESIGNED BY | DATE | REVIEWED BY | DATE | CHECKED BY | DATE |
|---|---|---|---|---|---|
| S. PRATT | 05/2026 | R. LUBBERS | 05/2026 | H. NICHOLAS | 05/2026 |

10069000SISUMZ01.DWG

MONTANA Department of Transportation

SIGN PLANS

7/13/2026 1:51 PM

ADVERTISED COPY

| SIGN LOCATION | | | PANEL SPECIFICATIONS | | | | | SIGN ASSEMBLY SPECIFICATIONS | | | | | | | | | | | SIGN ASSEMBLY QUANTITIES | | | | | | | | | | | | ADDITIONAL INFORMATION | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | FEET | | FEET | | | | | | | | | PANEL (SQ. FT.) | | WOOD POLE (LNR. FT.) | | STEEL POST (LBS.) | | | | | REMOVE | | RESET | | | |
| STATION / R.P. | LFT / MDN / RGT / OH | ACTION | SIGN NO. (MUTCD / MT) | PANEL SIZE (INCHES) W X H | FY OR FYG | BACKBRACING REQ'D / 1 OR 2 ANGLE IRONS REQ'D | MOUNT BACK TO BACK / CHEVRON ANGLE MOUNT | CLEARANCE / OFFSET (SHOULDER TO EDGE OF SIGN) | TYPE OF SUPPORT | SUPPORT SPACING | MOUNTING HEIGHT | SIGN HEIGHT+GAPS (ABOVE MOUNTING HEIGHT) | FOUNDATION DEPTH | SUPPORT LENGTH (ESTIMATED) X | Y | Z | CANTILEVER | BREAKAWAY TYPE | BEHIND GUARDRAIL | SHEET ALUMINUM | SHEET ALUMINUM INCREMENT | 4" TOP DIA. | 5" TOP DIA. | ROUND TUBULAR | SQUARE TUBULAR | STRUCTURAL STEEL | "U" POST | # OF BREAKAWAYS | SIGN | GUIDE | SIGN | GUIDE | SIGN IMAGE | REMARKS |
| 186+39 | L | RSFO | E-362 | 132 X 30 | | 2 AIR | | | | | | | | | | | | | | 27.5 | | | | | | | | | | | |
| | | | G6-32 | 132 X 72 | | | | | | | | | | | | | | | | 66.0 | | | | | | | | | | | |
| | | | IS8-3 | 84 X 18 | | | | | | | | | | | | | | | | 10.5 | | | | | | | | | | | |
| 192+06 | R | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | 36 | | 1 | | | | |
| 192+08 | L | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | 36 | | 1 | | | | |
| 214+60 | R | REPLACE | W8-13 | 48 X 48 | | | | 10' Std. Interstate | 3.5" Tubular Stl-Round | | 7' Std - Inters | 5.7 | 3.0 | 14.3 | | | | ■ | | 16.0 | | | | 131 | | | 1 | 1 | | | | HINGED |
| 229+63 | L | REPLACE | W8-13 | 48 X 48 | | | | 10' Std. Interstate | 3.5" Tubular Stl-Round | | 7' Std - Inters | 5.7 | 3.0 | 14.3 | | | | ■ | | 16.0 | | | | 131 | | | 1 | 1 | | | | HINGED |
| 245+15 | L | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | 36 | | 1 | | | | |
| 245+17 | R | REPLACE | D10-6 | 12 X 48 | | | | 6' Std. Interstate | 3.0lb Steel U Post | | 4' Stl U - RP/M | 4.0 | 3.0 | 12.0 | | | | | | 4.0 | | | | | | 36 | | 1 | | | | |
| | | | | | | | | | | | | | | | | | | | PROJECT TOTALS | 558.9 | 422.3 | 116 | 102 | 1030 | | 1338 | 436 | 14 | 45 | | | |

SHEET NO. S7

SIGNING SUMMARY

PROJECT NAME DEHART INTERCHANGE - E & W
COUNTY SWEET GRASS
PROJECT ID IM 90-7(121)360
UPN 10069000

DESIGNED BY S. PRATT 05/2026
REVIEWED BY R. LUBBERS 05/2026
CHECKED BY H. NICHOLAS 05/2026

MONTANA Department of Transportation

SIGN PLANS

10069000SISUMZ01.DWG

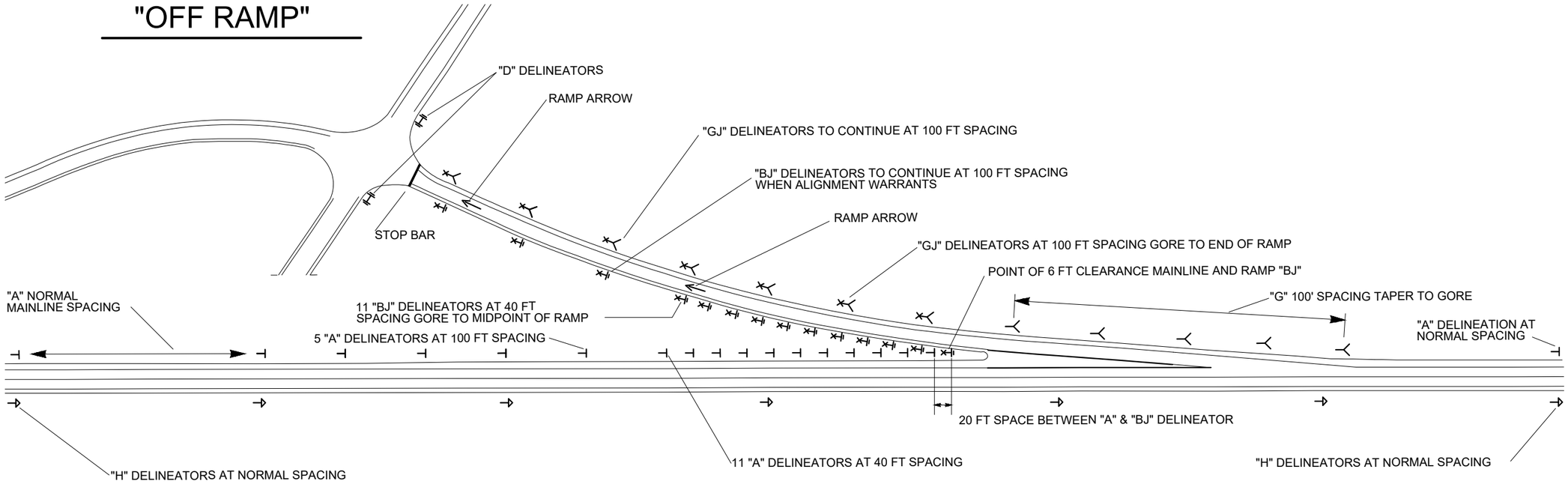
7/13/2026 1:51 PM

HDR

ADVERTISED COPY

# RAMP DELINEATION DETAIL

## "OFF RAMP"

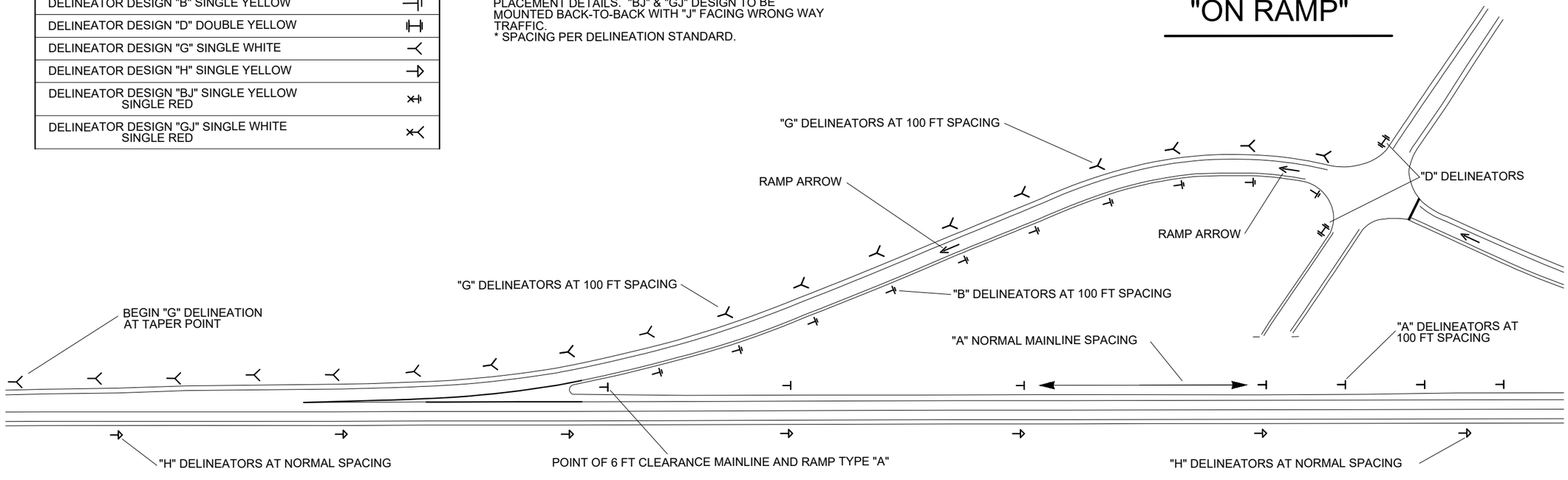



### LEGEND

| | |
|---|---|
| DELINEATOR DESIGN "A" SINGLE WHITE | |
| DELINEATOR DESIGN "B" SINGLE YELLOW | |
| DELINEATOR DESIGN "D" DOUBLE YELLOW | |
| DELINEATOR DESIGN "G" SINGLE WHITE | |
| DELINEATOR DESIGN "H" SINGLE YELLOW | |
| DELINEATOR DESIGN "BJ" SINGLE YELLOW SINGLE RED | |
| DELINEATOR DESIGN "GJ" SINGLE WHITE SINGLE RED | |

NOTE:
ALL DELINEATORS AT 6 FT CLEARANCE FROM EDGE OF PAVEMENT. SEE DETAILED DRAWING 619-34 FOR DELINEATOR DETAILS & 619-36 FOR DELINEATOR PLACEMENT DETAILS. "BJ" & "GJ" DESIGN TO BE MOUNTED BACK-TO-BACK WITH "J" FACING WRONG WAY TRAFFIC.
* SPACING PER DELINEATION STANDARD.

## "ON RAMP"




SHEET NO.
S8

DETAILS

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| | | |
|---|---|---|
| DESIGNED BY | S. PRATT | 05/2026 |
| REVIEWED BY | R. LUBBERS | 05/2026 |
| CHECKED BY | H. NICHOLAS | 05/2026 |

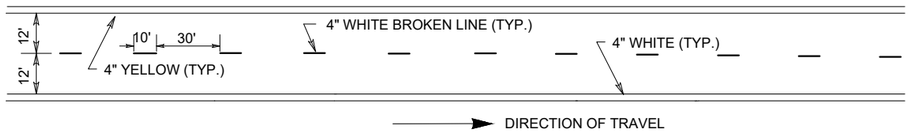
10069000SIDETZ01.DWG

MONTANA Department of Transportation

SIGN PLANS

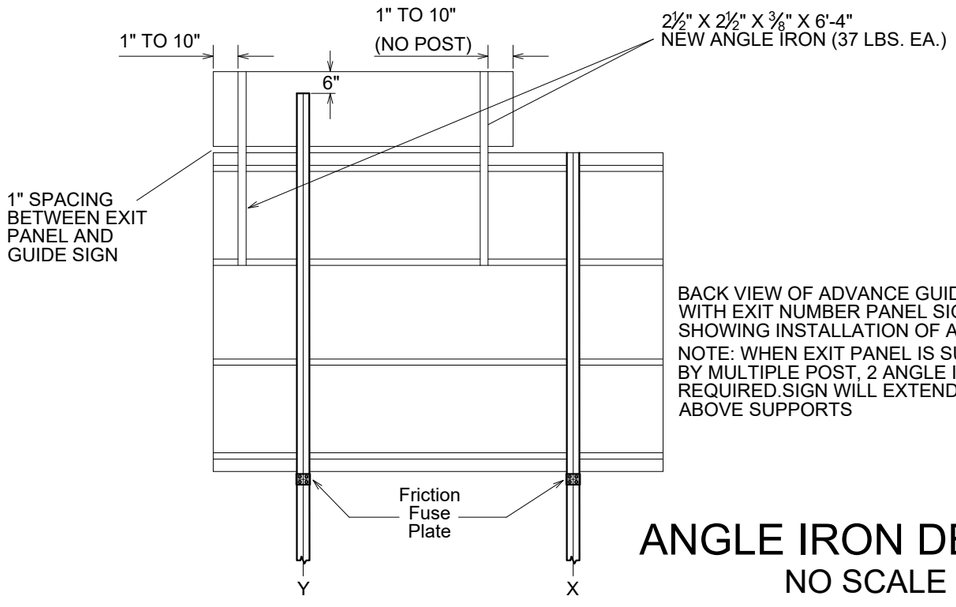
7/13/2026 12:47 PM

# TYPICAL
# PAVEMENT MARKINGS
NO SCALE




NOTE: ALL PAVEMENT MARKINGS TO BE EPOXY UNLESS OTHERWISE SPECIFIED.

# R.S.F.O. GUIDE SIGNS with EXIT PANELS




BACK VIEW OF ADVANCE GUIDE SIGNS WITH EXIT NUMBER PANEL SIGN SHOWING INSTALLATION OF ANGLE IRON

NOTE: WHEN EXIT PANEL IS SUPPORTED BY MULTIPLE POST, 2 ANGLE IRONS ARE REQUIRED.SIGN WILL EXTEND 6 INCHES ABOVE SUPPORTS

# ANGLE IRON DETAIL
NO SCALE

SHEET NO.
S9

DETAILS

PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000

| DESIGNED BY | 05/2026 |
|---|---|
| S. PRATT | |
| REVIEWED BY | 05/2026 |
| R. LUBBERS | |
| CHECKED BY | 05/2026 |
| H. NICHOLAS | |

MONTANA Department of Transportation

SIGN PLANS

10069000SIDETZ01.DWG

7/13/2026 12:47 PM

ADVERTISED COPY

10+00

20+00

30+00

BOA 10+00.00

I-90 WB

I-90 EB

N73° 15' 04"E

REPLACE
33+47
D10-6

REPLACE
33+49
D10-6

STA 30+00.00
BEGIN PROJECT
IM 90-7(121)360

STA 30+00.00
BEGIN STRIPING
WB:
4" SOLID WHITE EPOXY RT.
4" RURAL SKIP WHITE EPOXY CL.
4" SOLID YELLOW EPOXY LT.
EB:
4" SOLID WHITE EPOXY RT.
4" RURAL SKIP WHITE EPOXY CL.
4" SOLID YELLOW EPOXY LT.

50+00

60+00

PC 57+45.22

I-90 WB

I-90 EB

PI = 67+15.00
Δ = 19° 12' 44" (LT)
R = 5,730'
T = 969.79'
L = 1,921.36'
E = 81.49'

**SHEET NO.**
S10

**SIGNING PLANS**

PROJECT NAME
**DEHART INTERCHANGE - E & W**

COUNTY
**SWEET GRASS**

PROJECT ID
**IM 90-7(121)360**

UPN
**10069000**

| DESIGNED BY | | DATE |
|---|---|---|
| S. PRATT | | 05/2026 |
| REVIEWED BY | | 05/2026 |
| R. LUBBERS | | |
| CHECKED BY | | 05/2026 |
| H. NICHOLAS | | |

10069000SIPLNZ01.DWG

**MONTANA**
Department of Transportation

**SIGN PLANS**

7/13/2026 1:27 PM




ADVERTISED COPY

| | | | |
|---|---|---|---|
| MONTANA Department of Transportation | DESIGNED BY S. PRATT 05/2026 | PROJECT NAME DEHART INTERCHANGE - E & W | SIGNING PLANS |
| SIGN PLANS | REVIEWED BY R. LUBBERS 05/2026 | COUNTY SWEET GRASS | SHEET NO. S11 |
| 7/13/2026 1:28 PM 10069000SIPLNZ01.DWG | CHECKED BY H. NICHOLAS 05/2026 | PROJECT ID IM 90-7(121)360 | |
| | | UPN 10069000 | |

ADVERTISED COPY




HDR

**SHEET NO.**
S12

**SIGNING PLANS**

MONTANA
Department of Transportation

**SIGN PLANS**

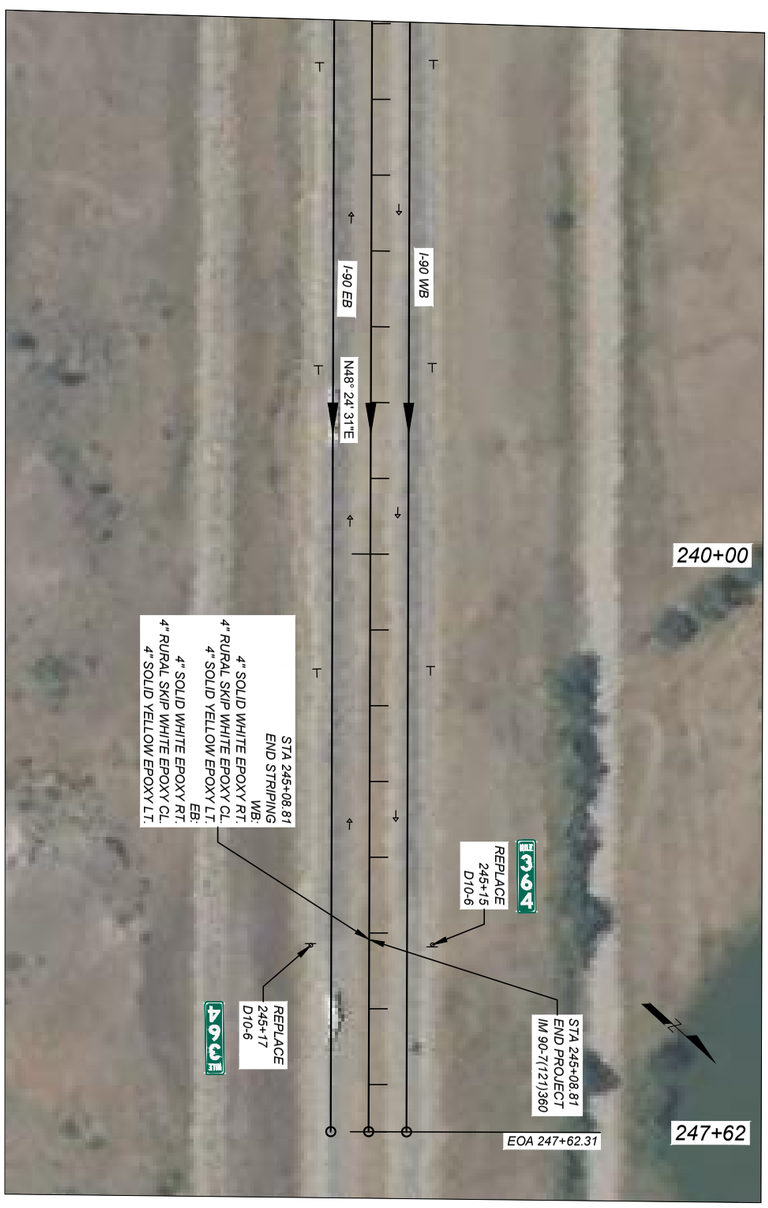
| | | |
|---|---|---|
| DESIGNED BY | S. PRATT | 05/2026 |
| REVIEWED BY | R. LUBBERS | 05/2026 |
| CHECKED BY | H. NICHOLAS | 05/2026 |

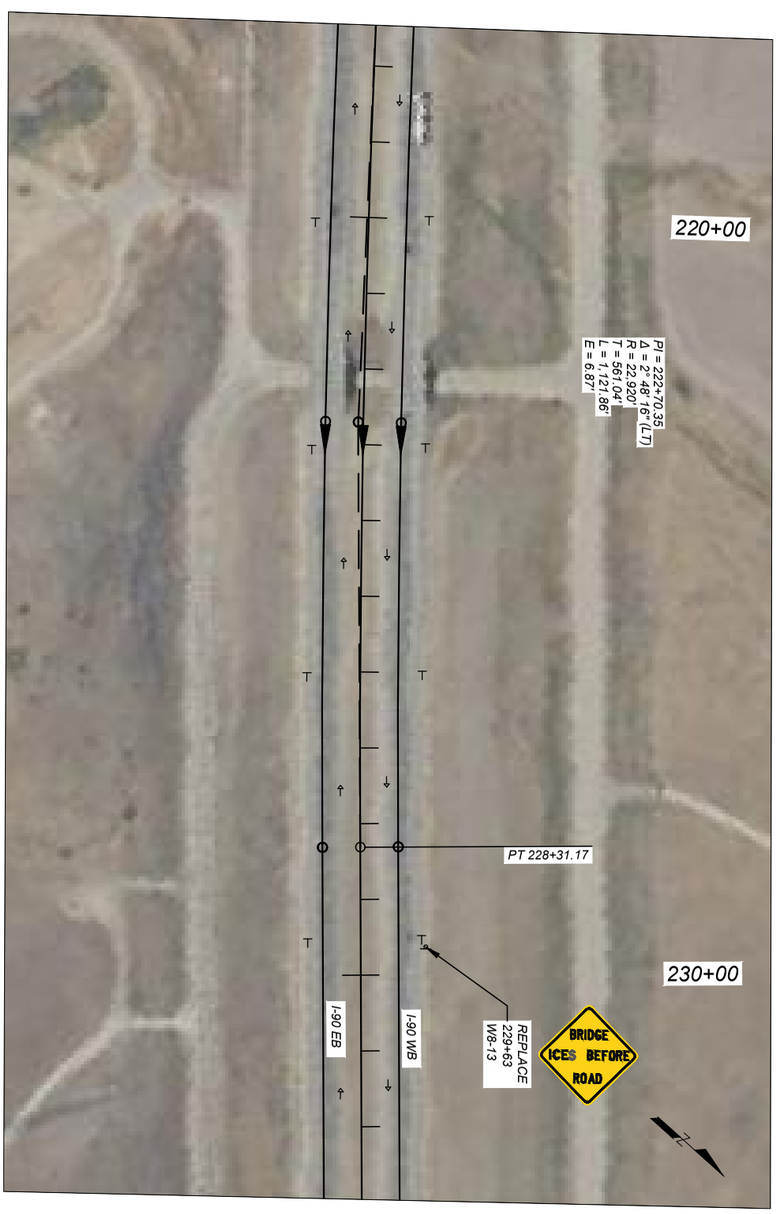
PROJECT NAME: DEHART INTERCHANGE - E & W
COUNTY: SWEET GRASS
PROJECT ID: IM 90-7(121)360
UPN: 10069000
10069000SIPLNZ01.DWG
7/13/2026 1:28 PM




ADVERTISED COPY

| | | | | |
|---|---|---|---|---|
| MONTANA Department of Transportation | DESIGNED BY S. PRATT 05/2026 | PROJECT NAME DEHART INTERCHANGE - E & W | SIGNING PLANS | SHEET NO. S13 |
| SIGN PLANS | REVIEWED BY R. LUBBERS 05/2026 | COUNTY SWEET GRASS | | |
| | CHECKED BY H. NICHOLAS 05/2026 | PROJECT ID IM 90-7(121)360 | | |
| 7/13/2026 1:28 PM 10069000SIPLNZ01.DWG | | UPN 10069000 | | |




ADVERTISED COPY

| | | | | | |
|---|---|---|---|---|---|
| MONTANA Department of Transportation | DESIGNED BY | S. PRATT 05/2026 | PROJECT NAME | DEHART INTERCHANGE - E & W | SHEET NO. S14 |
| | REVIEWED BY | R. LUBBERS 05/2026 | COUNTY | SWEET GRASS | |
| SIGN PLANS | CHECKED BY | H. NICHOLAS 05/2026 | PROJECT ID | IM 90-7(121)360 | SIGNING PLANS |
| 7/13/2026 1:28 PM | 10069000SIPLNZ01.DWG | | UPN | 10069000 | |