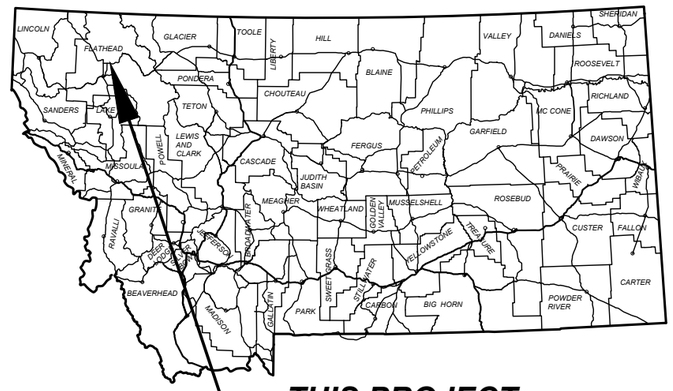
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Morrison Maierle



THIS PROJECT

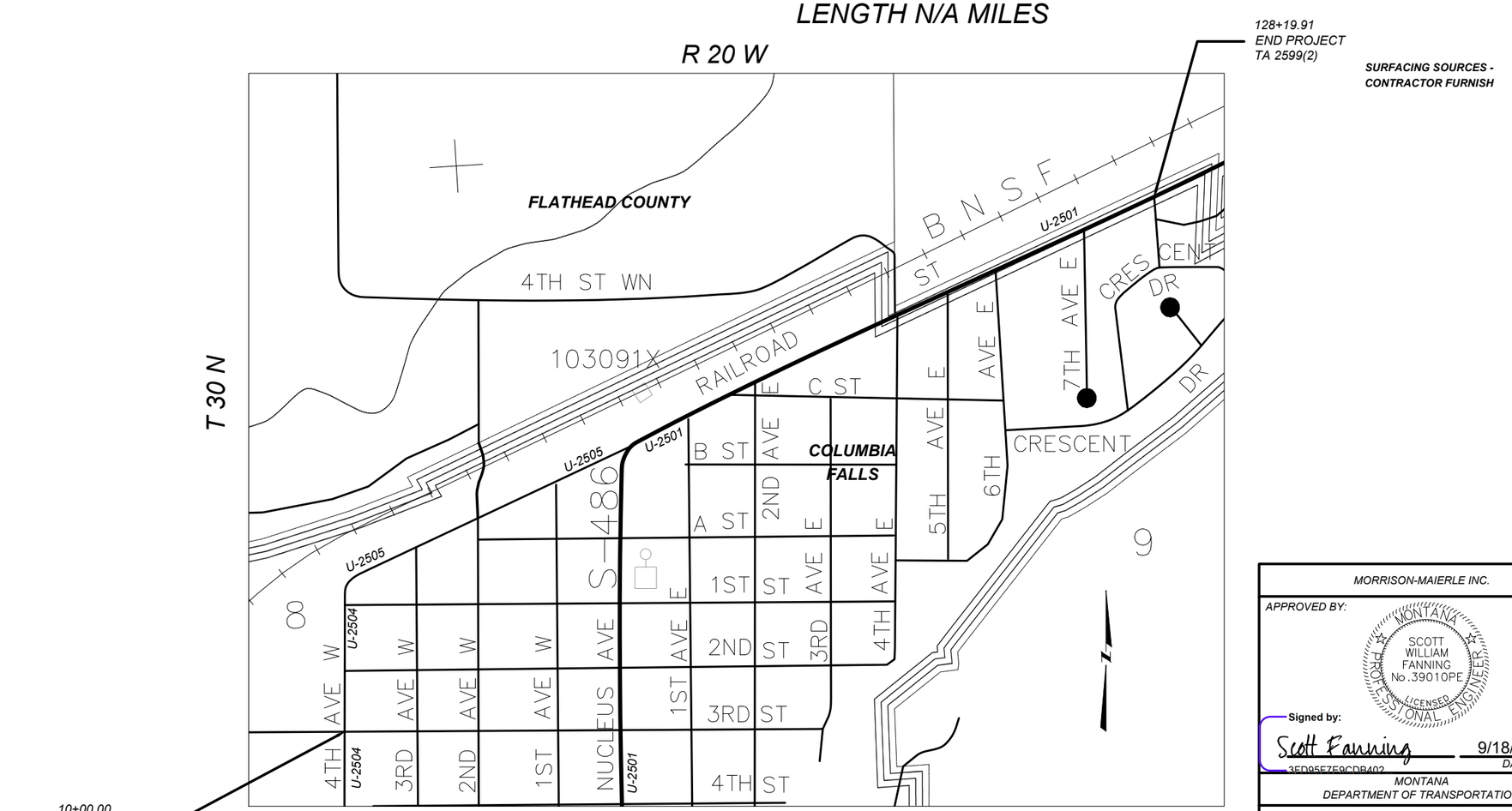
ASSOCIATED PROJECT AGREEMENT NUMBERS	
R/W	TA 2599(3)
I.C.	TA 2599(4)
P.E.	TA 2599(1)

MONTANA DEPARTMENT OF TRANSPORTATION

FEDERAL AID PROJECT TA 2599(2)

GRADE, GRAVEL, PL. MIX SURF., & SIDEWALK
RAILROAD ST PATH & WALKS - CF
FLATHEAD COUNTY
EROSION CONTROL PLANS

LENGTH N/A MILES



MORRISON-MAIERLE INC.

APPROVED BY:

MONTANA PROFESSIONAL ENGINEERS
SCOTT WILLIAM FANNING
No.39010PE
LICENSED

Signed by:
Scott Fanning 9/18/2026
3ED95E7E9CDB402... DATE

MONTANA
DEPARTMENT OF TRANSPORTATION

DocuSigned by:
Kelly Williams 9/21/2026
EE7E5DDAB5A7471... DATE

MONTANA
Department of Transportation

EROSION CONTROL PLANS

9/18/2026 9:15 AM

SHEET NO.
1

TITLE

PROJECT NAME	RAILROAD ST PATH & WALKS - CF	
COUNTY	FLATHEAD COUNTY	
PROJECT ID	TA 2599(2)	
UPN	TA 2599(2)	
DESIGNED BY	####	
REVIEWED BY	####	
CHECKED BY	####	

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EROSION AND SEDIMENT CONTROL BMP'S

REFER TO THE MOST CURRENT RELEASE OF SECTIONS 208 OF THE DETAILED DRAWINGS

VBS (SS-14) AND PEV (SS-02) SHOULD BE IDENTIFIED AND USED THROUGHOUT THE ENTIRE PROJECT IN ALL AREAS NOT DISTRIBUTED BY CONSTRUCTION

TS (SS-04) AND ES (SS-15) SHOULD BE UTILIZED THROUGHOUT THE ENTIRE PROJECT

GENERAL BMP'S

- I/O — PIPE INLET/OUTLET PROTECTION
- WP — WATERWAY PROTECTION
- WR — WATER RESOURCE PROTECTION

TEMPORARY SOIL STABILIZATION BMP'S (SS)

- PEV — PRESERVATION OF EXISTING VEGETATION (SS-2)
- HM — HYDRAULIC MULCH (SS-3)
- TS — TEMPORARY SEEDING (SS-4)
- SB — SOIL BINDERS (SS-5)
- SM — STRAW MULCH (SS-6)
- EC — EROSION CONTROL BLANKETS/MATS, PLASTIC COVERS, AND GEOTEXTILES. (SS-7)
- WM — WOOD MULCH (SS-8)
- ED — EARTH DIKES, DRAINAGE SWALES AND LINED DITCHES (SS-9)
- OP — OUTLET PROTECTION / VELOCITY DISSIPATION DEVICES (SS10)
- TSD — SLOPE DRAINS (SS-11)
- SR — SLOPE ROUGHENING (SS-12)
- GT — TERRACED SLOPES (SS-13)
- VBS — VEGETATED BUFFER (SS-14)
- ES — EROSION SEEDING (SS-15)

WIND EROSION CONTROL BMP'S (WE)

- WE–1 — WIND EROSION CONTROL

TEMPORARY SEDIMENT CONTROL BMP'S (SC)

- SF — SILT FENCE (SC-1)
- DB — DESILTING BASIN (SC-2)
- ST — SEDIMENT TRAP (SC-3)
- CD — CHECK DAMS (SC-4)
- FR — FIBER ROLLS (SC-5)
- GBB — GRAVEL BAG BERM (SC-6)
- SAND–B — SAND BAG BARRIERS (SC-8)
- STRAW–B — STRAW BALE BARRIERS (SC9)
- SDP — STORM DRAIN INLET PROTECTION (SC-10)
- DDB — DUGOUT DITCH BASIN (SC-11)

TRACKING CONTROL BMP'S (TC)

- SCEE — STABILIZED CONSTRUCTION ENTRANCE/EXIT (TC-1)
- EETW — ENTRANCE/EXIT TIRE WASH (TC-3)

* *THE FOLLOWING BMP ALTERNATIVES ARE NOT COMPREHENSIVE AND DO NOT SUPERSED MDT STANDARD SPECIFICATIONS OR MANDATES AND REQUIREMENTS SPECIFIED BY OTHER AUTHORIZED STATE AND FEDERAL AGENCIES.*

I/O INLET/OUTLET PROTECTION

OP, SF, SAND–B, FR, CD, STRAW–B, ST, SDP, EC, DB, GBB

WP WATERWAY PROTECTION

VBS, SR, CD, FR, GBB, SAND–B, SF, HM, STRAW–B

WR WATER RESOURCE PROTECTION

VBS, SR, SAND–B, FR, GBB, STRAW–B, SF, HM, EC, CD

DT DITCH TREATMENT*

DDB, GBB, SM, CD, SAND–B, FR, ST, STRAW–B, HM, ED, EC

NOTE: BMP STATIONING IS APPROXIMATE
CONTOUR INTERVAL = 1.0 FEET

CONSTRUCTION LIMITS:
CUT SECTION
TOE OF FILL
TRANSITION CUT TO FILL

NOTE: FINISHED CONTOURS WITHIN PUBLIC STREETS NOT SHOWN FOR CLARITY

SHEET NO. 2

EROSION CONTROL NOTES

PROJECT NAME: RAILROAD ST PATH & WALKS - CF
COUNTY: FLATHEAD COUNTY
PROJECT ID: TA 2599(2)
UPN: TA 2599(2)

CHECKED BY	#####	
REVIEWED BY	#####	
DESIGNED BY	#####	1009000RDERTZ01.DWG

MONTANA Department of Transportation

EROSION CONTROL PLANS

3/3/2026 9:25 AM

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PI = 11+20.42
Δ = 35° 28' 01"
R = 60.00'
T = 19.19
L = 37.14'
E = 2.99
(RT)

PWR-OH
BP 10+00.00
PI 10+10.55
PRC 11+01.23
PT 11+38.37
PI 13+20.00
PI 14+05.92
PC 16+71.85
PI = 17+42.87
Δ = 65° 41' 49"
R = 110.00'
T = 71.02
L = 126.13'
E = 20.94
(RT)

SEC. 08 T. 30N R. 20W

10+00
15+00
PC 10+65.88
4TH AVE. W.
N3° 23' 49.25"E
N3° 11' 25.91"E
N3° 09' 30.13"E
N3° 06' 16.79"E
N3° 06' 21.39"E
N31° 47' 46.51"W
3RD ST. W.
2ND ST. W.
N. NUCLEUS AVE.

PI = 10+84.09
Δ = 33° 45' 41"
R = 60.00'
T = 18.21
L = 35.35'
E = 2.70
(LT)

PT 17+97.98
20+00
PI 21+31.53
PI 24+02.44
N68° 51' 19.55"E
N68° 27' 47.28"E

SHEET NO.
3

EROSION CONTROL PLANS

PROJECT NAME	RAILROAD ST PATH & WALKS - CF
COUNTY	FLATHEAD COUNTY
PROJECT ID	TA 2599(2)
UPN	TA 2599(2)

DESIGNED BY		
REVIEWED BY		
CHECKED BY	#####	
REVIEWED BY	#####	
DESIGNED BY	#####	

MONTANA
Department of Transportation

EROSION CONTROL PLANS

3/3/2026 11:24 AM

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T. 30N R. 20W
SEC. 08

PI 24+02.44
PI 24+88.70
PI 27+02.12
PI 29+02.11
25+00
30+00
RAILROAD ST.
N68° 19' 03.80"E
N68° 30' 31.14"E
N68° 59' 16.83"E
N69° 13' 51.78"E
PWR-OH
2ND AVE. W.
1ST AVE. W.

32+54
EP 32+53.79
N69° 13' 51.78"E
PWR-OH

SHEET NO.
4

EROSION CONTROL PLANS

PROJECT NAME	RAILROAD ST PATH & WALKS - CF
COUNTY	FLATHEAD COUNTY
PROJECT ID	TA 2599(2)
UPN	TA 2599(2)

DESIGNED BY		
REVIEWED BY		
CHECKED BY	#####	
REVIEWED BY	#####	
DESIGNED BY	#####	

MONTANA
Department of Transportation

EROSION CONTROL PLANS

3/3/2026 11:24 AM

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Docusign Envelope ID: DD3BF814-4D68-810C-83C8-B5CFE457445A

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Morrison Maierle

T. 30N R. 20W
SEC. 08

100+00
BP 100+00.00
PI 100+81.66
PI 101+71.91
PI 102+72.88
105+00
PI 105+29.21
PI 106+01.24

RAILROAD ST.
N69° 18' 29.85"E
N68° 05' 48.63"E
N68° 06' 08.13"E
N68° 02' 02.68"E
N70° 32' 35.69"E
N68° 02' 49.67"E

1ST AVE. E. N.
2ND AVE. E. N.

PWR-OH

PI = 109+98.52
Δ = 14° 55' 45"
R = 74.00'
T = 9.70
L = 19.28'
E = 0.63
(LT)

110+00
PC 109+88.88
PRC 110+08.16
PT 110+27.55
N68° 02' 49.67"E
N53° 06' 52.15"E
N68° 02' 54.32"E
N68° 07' 51.66"E

PI = 110+17.85
Δ = 14° 55' 43"
R = 74.40'
T = 9.75
L = 19.39'
E = 0.64
(RT)

PI 112+74.43
PI 113+60.07

SHEET NO.
5

EROSION CONTROL PLANS

PROJECT NAME RAILROAD ST PATH & WALKS - CF
COUNTY FLATHEAD COUNTY
PROJECT ID TA 2599(2)
UPN TA 2599(2)

DESIGNED BY		
REVIEWED BY		
CHECKED BY	#####	#####
REVIEWED BY	#####	#####
DESIGNED BY	#####	#####

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MONTANA
Department of Transportation

EROSION CONTROL PLANS

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T. 30N R. 20W
SEC. 09

115+00

PI 115+67.18
PI 116+43.56
PI 117+10.08
PI 117+40.98
PI 118+27.66
PI 119+11.19
PI 120+77.70

120+00

RAILROAD ST.

N68° 12' 02.66"E
N67° 42' 45.82"E
N68° 04' 50.17"E
N68° 00' 57.36"E

PWR-OH

5TH AVE. E. N.
6TH AVE. E. N.

PI 121+10.49
PI 122+18.96
PI 123+29.32
PI 123+04.80
PI 123+53.74
PI 123+98.46
PI 124+49.64
PI 125+04.05
PI 126+04.05
PC 127+00.88
PI 128+12.04
EP 128+19.91

125+00

128+20

N68° 03' 11.26"E
N67° 51' 31.79"E
N67° 06' 58.73"E
N67° 18' 48.07"E
N66° 57' 29.02"E
N66° 41' 52.19"E
N65° 58' 41.99"E
N65° 36' 43.26"E
N64° 58' 19.31"E
N33° 00' 02.06"E
N26° 17' 22.09"E
N65° 02' 02.06"E

PI 127+94.79
PI 127+88.19
PI 127+24.59

PI = 127+17.67
Δ = 104° 29' 25"
R = 13.00'
T = 16.79
L = 23.71'
E = 8.23
(RT)

SHEET NO. 6

EROSION CONTROL PLANS

PROJECT NAME: RAILROAD ST PATH & WALKS - CF
COUNTY: FLATHEAD COUNTY
PROJECT ID: TA 2599(2)
UPN: TA 2599(2)

DESIGNED BY
REVIEWED BY
CHECKED BY ##### #####
REVIEWED BY ##### #####
DESIGNED BY ##### #####

MONTANA
Department of Transportation

EROSION CONTROL PLANS

3/3/2026 11:35 AM

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