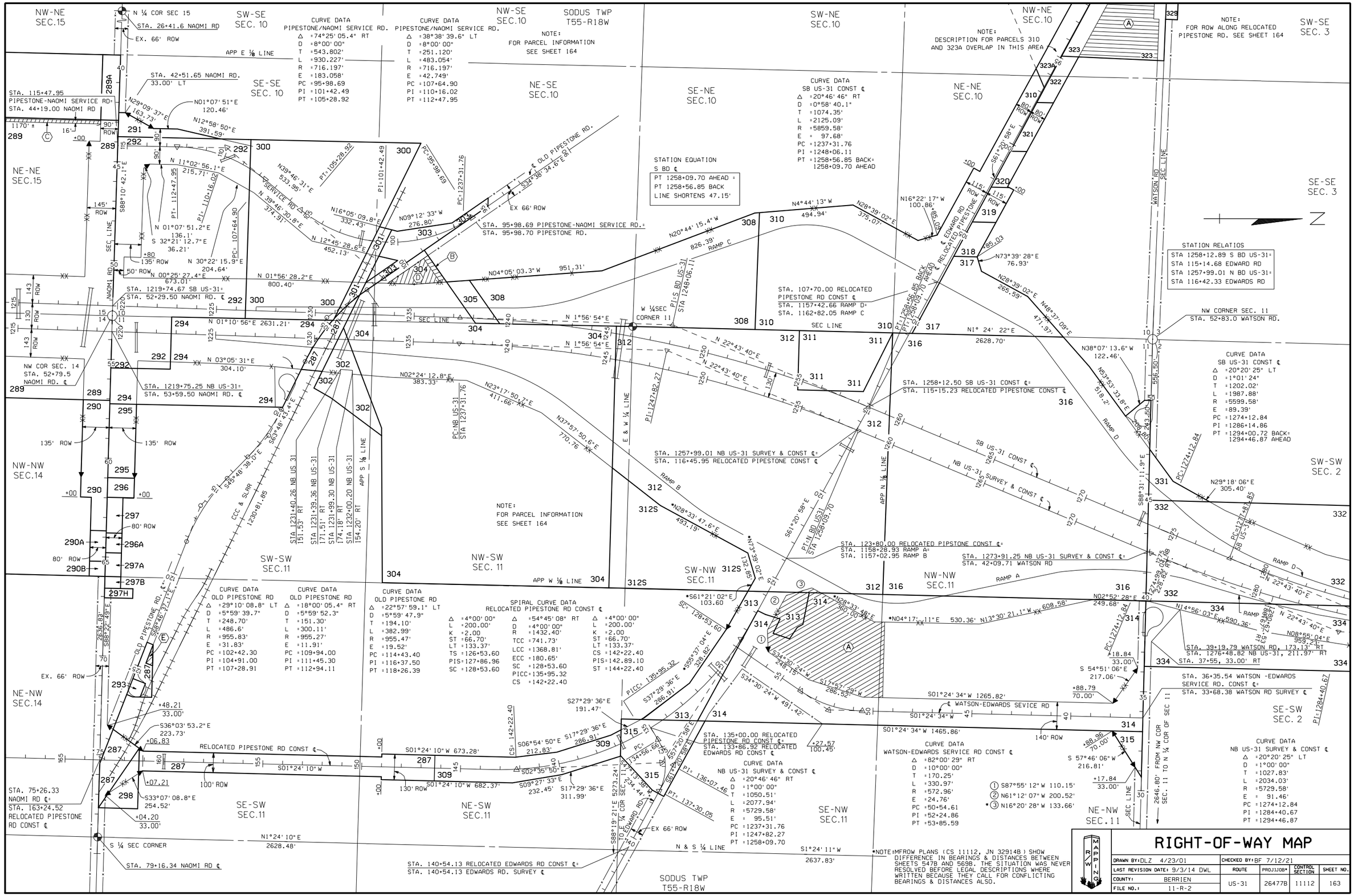
NW-NE SEC.15
SW-SE SEC. 10
NW-SE SEC.10
SODUS TWP T55-R18W
SW-NE SEC.10
NW-NE SEC.10
SW-SE SEC. 3
SE-SE SEC. 10
NE-SE SEC.10
SE-NE SEC.10
NE-NE SEC.10
SE-SE SEC. 3
NE-NE SEC.15
NW-NW SEC.14
SW-SW SEC.11
NW-SW SEC. 11
SW-NW SEC.11
NW-NW SEC.11
SW-SW SEC. 2
NE-NW SEC.14
SE-SW SEC.11
NE-SW SEC.11
SE-NW SEC.11
NE-NW SEC.11
SE-SW SEC. 2
SODUS TWP T55-R18W
N ¼ COR SEC 15
STA. 26+41.6 NAOMI RD
EX. 66' ROW
APP E ⅛ LINE
STA. 42+51.65 NAOMI RD.
33.00' LT
STA. 115+47.95
PIPESTONE-NAOMI SERVICE RD=
STA. 44+19.00 NAOMI RD
CURVE DATA
PIPESTONE/NAOMI SERVICE RD.
Δ =74°25' 05.4" RT
D =8°00' 00"
T =543.802'
L =930.227'
R =716.197'
E =183.058'
PC =95+98.69
PI =101+42.49
PT =105+28.92
CURVE DATA
PIPESTONE/NAOMI SERVICE RD.
Δ =38°38' 39.6" LT
D =8°00' 00"
T =251.120'
L =483.054'
R =716.197'
E =42.749'
PC =107+64.90
PI =110+16.02
PT =112+47.95
NOTE:
FOR PARCEL INFORMATION
SEE SHEET 164
NOTE:
DESCRIPTION FOR PARCELS 310
AND 323A OVERLAP IN THIS AREA
NOTE:
FOR ROW ALONG RELOCATED
PIPESTONE RD. SEE SHEET 164
CURVE DATA
SB US-31 CONST ℄
Δ =20°46' 46" RT
D =0°58' 40.1"
T =1074.35'
L =2125.09'
R =5859.58'
E = 97.68'
PC =1237+31.76
PI =1248+06.11
PT =1258+56.85 BACK=
1258+09.70 AHEAD
STATION EQUATION
S BD ℄
PT 1258+09.70 AHEAD =
PT 1258+56.85 BACK
LINE SHORTENS 47.15'
℄ OLD PIPESTONE RD.
STA. 95+98.69 PIPESTONE-NAOMI SERVICE RD.=
STA. 95+98.70 PIPESTONE RD.
℄ EDWARD RD
RELOCATED PIPESTONE
STATION RELATIOS
STA 1258+12.89 S BD US-31=
STA 115+14.68 EDWARD RD
STA 1257+99.01 N BD US-31=
STA 116+42.33 EDWARDS RD
STA. 107+70.00 RELOCATED
PIPESTONE RD CONST ℄
STA. 1157+42.66 RAMP D=
STA. 1162+82.05 RAMP C
NW CORNER SEC. 11
STA. 52+83.0 WATSON RD.
CURVE DATA
SB US-31 CONST ℄
Δ =20°20' 25" LT
D =1°01' 24"
T =1202.02'
L =1987.88'
R =5599.58'
E =89.39'
PC =1274+12.84
PI =1286+14.86
PT =1294+00.72 BACK=
1294+46.87 AHEAD
STA. 1219+74.67 SB US-31=
STA. 52+29.50 NAOMI RD. ℄
NW COR SEC. 14
STA. 52+79.5
NAOMI RD. ℄
STA. 1219+75.25 NB US-31=
STA. 53+59.50 NAOMI RD. ℄
W ¼SEC
CORNER 11
STA. 1258+12.50 SB US-31 CONST ℄=
STA. 115+15.23 RELOCATED PIPESTONE CONST ℄
STA. 1257+99.01 NB US-31 SURVEY & CONST ℄=
STA. 116+45.95 RELOCATED PIPESTONE CONST ℄
NOTE:
FOR PARCEL INFORMATION
SEE SHEET 164
STA. 123+80.00 RELOCATED PIPSTONE CONST ℄=
STA. 1158+28.93 RAMP A=
STA. 1157+02.95 RAMP B
STA. 1273+91.25 NB US-31 SURVEY & CONST ℄=
STA. 42+09.71 WATSON RD
CURVE DATA
OLD PIPESTONE RD
Δ =29°10' 08.8" LT
D =5°59' 39.7"
T =248.70'
L =486.6'
R =955.83'
E =31.83'
PC =102+42.30
PI =104+91.00
PT =107+28.91
CURVE DATA
OLD PIPESTONE RD
Δ =18°00' 05.4" RT
D =5°59' 52.3"
T =151.30'
L =300.11'
R =955.27'
E =11.91'
PC =109+94.00
PI =111+45.30
PT =112+94.11
CURVE DATA
OLD PIPESTONE RD
Δ =22°57' 59.1" LT
D =5°59' 47.9"
T =194.10'
L =382.99'
R =955.47'
E =19.52'
PC =114+43.40
PI =116+37.50
PT =118+26.39
SPIRAL CURVE DATA
RELOCATED PIPESTONE RD CONST ℄
Δ =4°00' 00"
L =200.00'
K =2.00
ST =66.70'
LT =133.37'
TS =126+53.60
PIS=127+86.96
SC =128+53.60
Δ =54°45' 08" RT
D =4°00' 00"
R =1432.40'
TCC =741.73'
LCC =1368.81'
ECC =180.65'
SC =128+53.60
PICC=135+95.32
CS =142+22.40
Δ =4°00' 00"
L =200.00'
K =2.00
ST =66.70'
LT =133.37'
CS =142+22.40
PIS=142.89.10
ST =144+22.40
STA. 36+35.54 WATSON -EDWARDS
SERVICE RD. CONST ℄=
STA. 33+68.38 WATSON RD SURVEY ℄
STA. 39+19.79 WATSON RD, 173.13' RT
STA. 1276+48.82 NB US-31, 211.97' RT
STA. 37+55, 33.00' RT
STA. 1231+40.26 NB US-31
151.53' RT
STA. 1231+39.36 NB US-31
171.51' RT
STA. 1231+99.30 NB US-31
174.18' RT
STA. 1232+00.20 NB US-31
154.20' RT
STA. 1219+75.25 NB US-31=
STA. 53+59.50 NAOMI RD. ℄
STA. 75+26.33
NAOMI RD ℄=
STA. 163+24.52
RELOCATED PIPESTONE
RD CONST ℄
S ¼ SEC CORNER
STA. 79+16.34 NAOMI RD ℄
RELOCATED PIPESTONE RD CONST ℄
STA. 140+54.13 RELOCATED EDWARDS RD CONST ℄=
STA. 140+54.13 EDWARDS RD. SURVEY ℄
STA. 135+00.00 RELOCATED
PIPESTONE RD CONST ℄=
STA. 133+86.92 RELOCATED
EDWARDS RD CONST ℄
CURVE DATA
NB US-31 SURVEY & CONST ℄
Δ =20°46' 46" RT
D =1°00' 00"
T =1050.51'
L =2077.94'
R =5729.58'
E = 95.51'
PC =1237+31.76
PI =1247+82.27
PT =1258+09.70
CURVE DATA
WATSON-EDWARDS SERVICE RD CONST ℄
Δ =82°00' 29" RT
D =10°00' 00"
T =170.25'
L =330.97'
R =572.96'
E =24.76'
PC =50+54.61
PI =52+24.86
PT =53+85.59
① S87°55' 12" W 110.15'
② N61°12' 07" W 200.52'
*③ N16°20' 28" W 133.66'
CURVE DATA
NB US-31 SURVEY & CONST ℄
Δ =20°20' 25" LT
D =1°00' 00"
T =1027.83'
L =2034.03'
R =5729.58'
E = 91.46'
PC =1274+12.84
PI =1284+40.67
PT =1294+46.87
N & S ¼ LINE
E & W ¼ LINE
APP W ⅛ LINE
APP N ⅛ LINE
APP S ⅛ LINE
SEC LINE
WATSON RD
SB US-31 CONST ℄
NB US-31 SURVEY & CONST ℄
RAMP A
RAMP B
RAMP C
RAMP D
WATSON-EDWARDS SEVICE RD
2646.80' FROM NW COR
SEC. 11 TO N ¼ COR OF SEC 11
*NOTE: MFROW PLANS (CS 11112, JN 32914B) SHOW DIFFERENCE IN BEARINGS & DISTANCES BETWEEN SHEETS 547B AND 569B. THE SITUATION WAS NEVER RESOLVED BEFORE LEGAL DESCRIPTIONS WHERE WRITTEN BECAUSE THEY CALL FOR CONFLICTING BEARINGS & DISTANCES ALSO.
RIGHT-OF-WAY MAP
DRAWN BY: DLZ 4/23/01
CHECKED BY: BF 7/12/21
LAST REVISION DATE: 9/3/14 DWL
COUNTY: BERRIEN
FILE NO.: 11-R-2
ROUTE: US-31
PROJ.JOB*: 26477B
CONTROL SECTION: 11112
SHEET NO.: 163
SHEET163.DGN
NAOMI RD.
RELOCATED PIPESTONE RD./EDWARDS RD.