PUB. RD. DIV. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO	TOTAL SHEETS
1	VT		19		

STEEL BEAM GUARD RAIL (W/STEEL POSTS)

LT.
REV. STA. 295+50 - 297+50
T.H. 35 P.O.T. 90+34.46 → REV. STA. 307+75

RT.
REV. STA. 296+00 - 297+50
REV. STA. 298+25 - T.H. 35 P.O.T. 90+34.46

TYPE II, STONE FOR SLOPE STABILIZATION

LT.

RT.
REV. STA. 301+99 - 302+49
REV. STA. 304+52 - 305+02

REMOVAL & DISPOSAL OF GUARDRAIL

REV. STA. 295+95 - 296+93 RT.
REV. STA. 296+01 - 297+04 LT.

CONSTRUCT DRIVE

LT.
REV. STA. 294+48 (14' WIDE, GRAV.)
REV. STA. 299+03 (14' WIDE, GRAV.)
REV. STA. 305+25 (14' WIDE, GRAV.)
T.H. 34 REV. STA. 81+00 (20' WIDE, STONE)

RT.
REV. STA. 295+75 (14' WIDE, GRAV.)

BREAKAWAY CABLE TERMINAL

LT.
REV. STA. 295+25 - 295+50
REV. STA. 297+50 - 297+75

RT.
REV. STA. 295+75 - 296+00
REV. STA. 297+50 - 297+75
REV. STA. 298+00 - 298+25
REV. STA. 307+75 - 308+00

EROSION MATTING

LT.
REV. STA. 296+55 - 297+55
REV. STA. 301+48 - 304+00
REV. STA. 305+50 - 306+50

RT.

CONSTRUCT APPROACH

T.H. 34 REV. P.O.T. 298+01.80, 20' LT.
T.H. 35 REV. P.O.C. 305+67.84, 20' RT.

SCARIFYING PAVEMENT

REV. STA. 292+75 - 296+25
REV. STA. 298+75 - 299+75

SURVEY CURVE DATA #18
Δ = 14° 20' 50" LT.
D = 3° 00' 00"
R = 1909.86'
T = 240.38'
L = 478.24'
E = 15.07'

REV. CURVE DATA # 17
Δ = 13° 52' 50" LT.
D = 3° 00' 00"
R = 1909.86'
T = 232.48'
L = 462.68'
E = 14.10'
BANK = 0.053 FT./FT.

CHANNEL P.I. 2+55.99
Δ = 32° 24' 15", LT.

CHANNEL P.O.T. 4+00.00

REV. STA. 297+00 -
T.H. 34 STA. 81+35 LT.
LIMIT OF CLEARING & GRUBBING IS TOE OF SLOPE

T.H. 34 SURV. P.O.T. 82+28.32

LIMIT OF CONSTRUCTION
T.H. 34 SURV. P.O.T. 81+37.58, 1.94' LT. =
T.H. 34 REV. P.O.T. 81+35 MATCH EXISTING
END TAPER

T.H. 34 REV. P.O.T. 80+60
END OF PAVEMENT
END FULL WIDTH. BEGIN TAPER.

T.H. 34 REV. P.O.T. 80-20.75 =
REV. P.O.T. 298+01.80, 20' LT.
BEGIN APPROACH CONSTRUCTION

REV. P.O.T. 298+07.12 =
T.H. 34 REV. P.O.T. 80+00.00
Δ = 105° 43' 28" LT.

REVISED
PI # 18 303+90.52 =
303+76.36
Δ = 29° 01' 36" RT.

LIMIT OF CLEARING & GRUBBING (TYP.)
(℄ 42' MIN. LT. AND/OR RT.)

SURVEY
P.I. #19 304+47.24 =
304+33.54
Δ = 26° 26' 23" RT.

REV. STA. 304+25 - 308+00 LT.
LIMIT OF CLEARING & GRUBBING IS TOE OF SLOPE -

SURVEY
P.O.C. 305+63.53 =
T.H. 35 POT 90+00.00
Δ = 83° 59' 06" RT.

REV. P.C. # 17 292+07.82

REV. STA. 292+00 - 292+46 LT.
6" x 46' UNDERDRAIN W/FB @ REV. STA. 292+46
REV. STA. 292+00 - 292+34 LT.
STONE LINED DITCH TYPE I, 4' WIDE

REV. STA. 292+46 - 292+96 LT.
6" x 59' CARRIER PIPE

REV. STA. 294+48 LT.
NEW 15" x 60' CSP 0.064
W/E.S. @ OUTLET

REV. STA. 296+55, ASKEWED 79° 00' RT.
NEW 12'-6" x 7'-11" CGMPPA (0.109)
(SEE P.I. SHEETS BR-130)

REV. P.T. # 17 296+70.50

T.H. 34 REV. STA. 80+47 - 81+15 RT.
TRAPEZODIAL DITCH, STONE LINED,
TYPE I, 4' WIDE

REV. STA. 297+67 LT.
6" x 45' UNDERDRAIN W/F.B @
REV. STA. 297+67, 69' LT.

REV. STA. 299+03 LT.
NEW 15" x 48' CSP 0.064"
CONNECTING TO D.I. @ OUTLET.

REV. STA. 296+97 - 299+46 LT.
6" x 251' UNDERDRAIN W/FB @
REV. STA. 296+97, 297+67 & 298+97

REV. STA. 299+45 - ASKEWED 87° 00' RT.
NEW 24" x 74' PCCSP 0.064" OR CAAP 0.060" RCHW
@ OUTLET. NEW 4' x 4' RCDI W/ TYPE A GRATE
@ INLET. PAD W/ STONE FILL TYPE I,
4' W x 1' D EXTENDING 8' BEYOND END OF
CULVERT.

REV. STA. 301+25 LT. - RT.
6" x 46' UNDERDRAIN

REV. STA. 299+48 - 301+48 LT.
SPECIAL DITCH

REV. STA. 301+25 - 302+25 LT.
6" x 100' UNDERDRAIN W FB @ REV. STA. 301+25 & 302+25

REV. STA. 302+32 - ASKEWED 86° 45' LT.
NEW 24" x 68' PCCSP 0.064" OR CAAP 0.060" RCHW
@ OUTLET. NEW 4' x 6' RCDI W/2 TYPE A GRATES
@ INLET. PAD W/ STONE FILL TYPE II,
4' W x 2' D EXTENDING 13' BEYOND END
OF CULVERT.

REV. STA. 302+50 - 304+55 LT.
6" x 205' UNDERDRAIN W/FB @
REV. STA. 302+50, 304+01 & 304+55

REV. STA. 304+01 LT. - RT.
6" x 46' UNDERDRAIN

REV. STA. 304+00 - 305+10 LT.
STONE LINED DITCH TYPE I,
4' WIDE

REV. STA. 304+67
EXISTING 18" RCP (REMOVE)

REV. STA. 304+00 - 305+10 LT.
SPECIAL DITCH

REV. STA. 305+93
EXISTING 15" RCP (REMOVE)

REV. STA. 304+75 - 307+25 LT.
6" x 250' UNDERDRAIN W/FB @
REV. STA. 304+75 & 307+25

REV. STA. 307+34 - ASKEWED 89° 37' LT
NEW 30" x 76' PCCSP 0.079" OR
CAAP 0.075" W E.S. @ INLET &
RCHW @ OUTLET. PAD W/ STONE
FILL TYPE II @ OUTLET 4' W x 2' D
EXTENDING 12' BEYOND END OF HEADWALL

REV. STA. 306+50 - 307+50 LT.
STONE LINED DITCH TYPE I, 4' WIDE

REV. STA. 306+50 - 308+00 LT.
SPECIAL DITCH

REV. STA. 307+34
EXISTING 24" RCP (REMOVE)

REV. STA. 307+25 - 307+25 LT. - RT.
6" x 46' UNDERDRAIN

BEGIN DETOUR "C"
STA. 10+00

END DETOUR "C"
STA. 15+65

REV. STA. 294+45 LT.
EXISTING 15" ℄ GMP (REMOVE)

REVISED
P.I. # 17 294+40.30 =
294+38.02
Δ = 13° 52' 50" LT.

SURV. P.T. # 18 295+49.53

P.O.T. 296+24.29

CHANNEL P.O.T. 2+00.00
Δ = 89° 56' 30" LT.

SURVEY
P.I. #18 293+11.67 =
293+09.15
Δ = 14° 20' 50" LT.

REV. STA. 295+45 RT.
MODIFY EXISTING 2" PVC AND
4" PIPE TO WORK WITH NEW
DRIVE AS ORDERED BY ENGINEER.

REV. STA. 296+47
EXISTING 10' x 4.5' BOX CULVERT (REMOVE)

REV. STA. 296+55 - T.H. 34 REV. STA. 80+90, LT.
SPECIAL DITCH

TBM #43
CHIS. IN S.E. COR. BR.
NGVD EL. 787.59

CHANNEL P.I. 1+49.75
Δ = 41° 51' 45" RT.

CHANNEL P.I. 0+73.08
Δ = 43° 02' 00" RT.

CHANNEL POT 0+00.00

SURV. P.O.T. 298+10.40 =
T.H. 34 P.O.T. 80+00.00
Δ = 109° 10' 15" LT.

REV. STA. 299+44
EXISTING 18" RCP (REMOVE)

REV. STA. 299+60 - 302+32 RT.
6" x 273' UNDERDRAIN W/FB @
REV. STA. 299+60, 301+25 &
301+99

SURV. P.C. # 19 300+62.68

REV. P.C. # 18 300+60.92

REV. STA. 302+32
EXISTING 15" RCP (REMOVE)

REV. STA. 297+00 - 308+00 RT.
LIMIT OF CLEARING & GRUBBING IS
TOE OF SLOPE

REV. STA. 302+50 - 304+56 RT.
6" x 206' UNDERDRAIN W/FB @ REV.
STA. 302+50, 304+01 & 304+56

REV. STA. 304+56 - 304+67 RT.
6" x 15' UNDERDRAIN TO BE CONSTRUCTED
WITHIN RCHW AS DIRECTED BY ENGINEER.

REV. STA. 304+67 - ASKEWED 86° 47' RT.
NEW 18" x 70' PCCSP 0.064" OR CAAP 0.060"
W/E.S. @ INLET. RCHW & PAD W/ STONE
FILL TYPE II @ OUTLET 3' W x 2' D EXTENDING
13' BEYOND END OF CULVERT.

REV. STA. 304+80 - 307+34 RT.
6" x 258' UNDERDRAIN W/FB @
REV. STA. 304+80 & 307+25

REV. PT. #18 307+05.96

TBM #44
CHIS. IN S.E. COR. BR.
NGVD EL. 782.18

LIMIT OF CONSTRUCTION
T.H. 35 POT 90+37
MATCH EXIST.
END OF PAVEMENT

T.H. 35 P.I. 90+86.37
Δ = 2° 48' 45" LT.

REV. POC 305+67.84, 20' RT.
T.H. 35 POT 90+07.58
BEGIN APPROACH CONSTRUCTION

REV POC 305+64.81 =
T.H. 35 POT 89+87.36
Δ = 81° 33' 51" RT.

T.H. 35 POT. 92+91.93

REV. CURVE DATA # 18
Δ = 29° 01' 36" RT.
D = 4° 30' 00"
R = 1273.24'
T = 329.60'
L = 645.04'
E = 41.97'
BANK = 0.067 FT./FT.

SURVEY CURVE DATA #19
Δ = 26° 26' 23" RT.
D = 3° 30' 00"
R = 1637.02'
T = 384.56'
L = 755.42'
E = 44.56'

SCALE IN FEET
50 0 100

△ INCLUDE CPEP SMOOTH LINED (SL) OPTION

SURVEYED BY VT. SURVEY CONSULTANTS DATE 3/87
DRAWN BY BRYANT ASSOC. DATE 6/87
TRACED BY ________ DATE ________

U.S. ROUTE 2 - MARSHFIELD

PROJ. NO. FEGC F028 - 3(28)
SHEET 97 OF

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