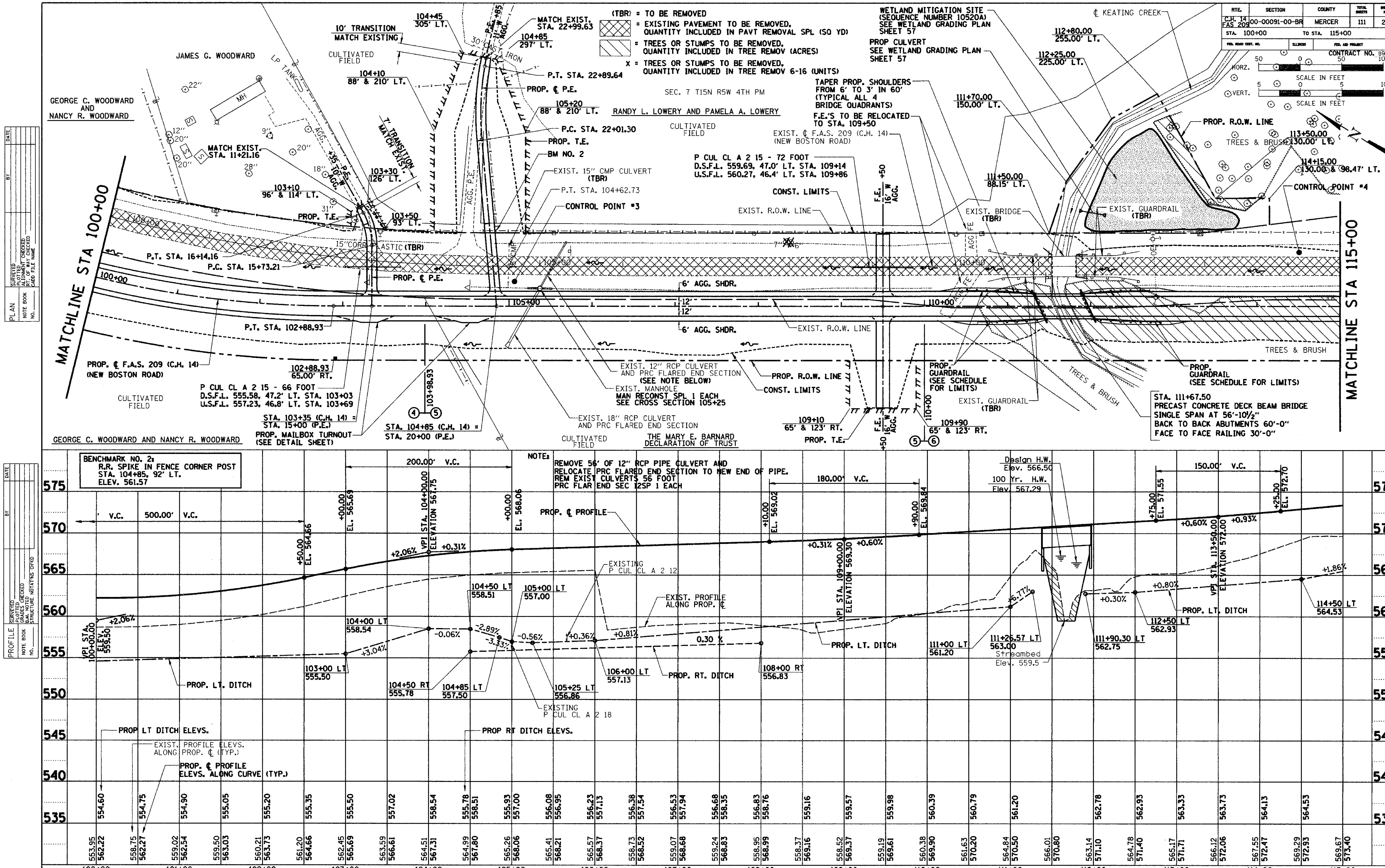
RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO
C.H. 14 FAS 209 | 00-00091-00-BR | MERCER | 111 | 22
STA. 100+00 TO STA. 115+00
FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT
CONTRACT NO. 89312
HORZ. 50 0 50 100 SCALE IN FEET
VERT. 5 0 5 10 SCALE IN FEET
(TBR) = TO BE REMOVED
= EXISTING PAVEMENT TO BE REMOVED. QUANTITY INCLUDED IN PAVT REMOVAL SPL (SQ YD)
= TREES OR STUMPS TO BE REMOVED. QUANTITY INCLUDED IN TREE REMOV (ACRES)
X = TREES OR STUMPS TO BE REMOVED. QUANTITY INCLUDED IN TREE REMOV 6-16 (UNITS)
SEC. 7 T15N R5W 4TH PM
MATCHLINE STA 100+00
MATCHLINE STA 115+00
JAMES G. WOODWARD
GEORGE C. WOODWARD AND NANCY R. WOODWARD
RANDY L. LOWERY AND PAMELA A. LOWERY
THE MARY E. BARNARD DECLARATION OF TRUST
CULTIVATED FIELD
10' TRANSITION MATCH EXISTING
7' TRANSITION MATCH EXIST.
104+45 305' LT.
104+85 297' LT.
104+10 88' & 210' LT.
105+20 88' & 210' LT.
103+30 126' LT.
103+10 96' & 114' LT.
103+50 93' LT.
MATCH EXIST. STA. 11+21.16
MATCH EXIST. STA. 22+99.63
P.T. STA. 22+89.64
PROP. ℄ P.E.
P.C. STA. 22+01.30
PROP. T.E.
BM NO. 2
EXIST. 15" CMP CULVERT (TBR)
P.T. STA. 104+62.73
CONTROL POINT #3
15" CORR. PLASTIC (TBR)
P.T. STA. 16+14.16
P.C. STA. 15+73.21
P.T. STA. 102+88.93
PROP. ℄ F.A.S. 209 (C.H. 14) (NEW BOSTON ROAD)
102+88.93 65.00' RT.
P CUL CL A 2 15 - 66 FOOT
D.S.F.L. 555.58, 47.2' LT. STA. 103+03
U.S.F.L. 557.23, 46.8' LT. STA. 103+69
STA. 103+35 (C.H. 14) = STA. 15+00 (P.E.)
PROP. MAILBOX TURNOUT (SEE DETAIL SHEET)
STA. 104+85 (C.H. 14) = STA. 20+00 (P.E.)
103+98.93
6' AGG. SHDR.
12'
12'
EXIST. R.O.W. LINE
EXIST. 12" RCP CULVERT AND PRC FLARED END SECTION (SEE NOTE BELOW)
EXIST. MANHOLE MAN RECONST SPL 1 EACH SEE CROSS SECTION 105+25
EXIST. 18" RCP CULVERT AND PRC FLARED END SECTION
PROP. R.O.W. LINE
CONST. LIMITS
P CUL CL A 2 15 - 72 FOOT
D.S.F.L. 559.69, 47.0' LT. STA. 109+14
U.S.F.L. 560.27, 46.4' LT. STA. 109+86
EXIST. ℄ F.A.S. 209 (C.H. 14) (NEW BOSTON ROAD)
TAPER PROP. SHOULDERS FROM 6' TO 3' IN 60' (TYPICAL ALL 4 BRIDGE QUADRANTS)
F.E.'S TO BE RELOCATED TO STA. 109+50
F.E. 16' W AGG.
109+10 65' & 123' RT.
109+90 65' & 123' RT.
WETLAND MITIGATION SITE (SEQUENCE NUMBER 10520A) SEE WETLAND GRADING PLAN SHEET 57
PROP CULVERT SEE WETLAND GRADING PLAN SHEET 57
℄ KEATING CREEK
112+80.00 255.00' LT.
112+25.00 225.00' LT.
111+70.00 150.00' LT.
111+50.00 88.15' LT.
113+50.00 130.00' LT.
114+15.00 130.00 & 98.47' LT.
CONTROL POINT #4
EXIST. BRIDGE (TBR)
EXIST. GUARDRAIL (TBR)
PROP. GUARDRAIL (SEE SCHEDULE FOR LIMITS)
TREES & BRUSH
STA. 111+67.50 PRECAST CONCRETE DECK BEAM BRIDGE SINGLE SPAN AT 56'-10½" BACK TO BACK ABUTMENTS 60'-0" FACE TO FACE RAILING 30'-0"
BENCHMARK NO. 2: R.R. SPIKE IN FENCE CORNER POST STA. 104+85, 92' LT. ELEV. 561.57
NOTE: REMOVE 56' OF 12" RCP PIPE CULVERT AND RELOCATE PRC FLARED END SECTION TO NEW END OF PIPE. REM EXIST CULVERTS 56 FOOT PRC FLAR END SEC 12SP 1 EACH
500.00' V.C.
200.00' V.C.
180.00' V.C.
150.00' V.C.
VPI STA. 100+00.00 ELEV. 559.50
+50.00 EL. 564.66
+00.00 EL. 565.69
VPI STA. 104+00.00 ELEVATION 567.75
+00.00 EL. 568.06
+10.00 EL. 569.02
VPI STA. 109+00.00 ELEVATION 569.30
+90.00 EL. 569.84
+75.00 EL. 571.55
VPI STA. 113+50.00 ELEVATION 572.00
+25.00 EL. 572.70
+2.06% +0.31% +0.60% +0.93%
PROP. ℄ PROFILE
EXIST. PROFILE ALONG PROP. ℄
EXISTING P CUL CL A 2 12
EXISTING P CUL CL A 2 18
Design H.W. Elev. 566.50
100 Yr. H.W. Elev. 567.29
Streambed Elev. 559.5
PROP. LT. DITCH
PROP. RT. DITCH
103+00 LT 555.50
104+00 LT 558.54
104+50 RT 555.78
104+50 LT 558.51
104+85 LT 557.50
105+00 LT 557.00
105+25 LT 556.86
106+00 LT 557.13
108+00 RT 556.83
111+00 LT 561.20
111+26.57 LT 563.00
111+90.30 LT 562.75
112+50 LT 562.93
114+50 LT 564.53
+2.06% +3.04% -0.06% -2.89% -3.33% -0.56% +0.36% +0.81% 0.30% +6.77% +0.30% +0.80% +1.86%
PROP LT DITCH ELEVS.
PROP RT DITCH ELEVS.
EXIST. PROFILE ELEVS. ALONG PROP. ℄ (TYP.)
PROP. ℄ PROFILE ELEVS. ALONG CURVE (TYP.)
575 570 565 560 555 550 545 540 535
554.60 554.75 554.90 555.05 555.20 555.35 555.50 557.02 558.54 555.78 558.51 555.93 557.00 556.08 556.95 556.23 557.13 556.38 557.54 556.53 557.94 556.68 558.35 556.83 558.76 559.16 559.57 559.98 560.39 560.79 561.20 562.78 562.93 563.33 563.73 564.13 564.53
553.95 562.22 558.75 562.27 559.02 562.54 559.50 563.03 560.21 563.73 561.20 564.66 562.45 565.69 563.59 566.61 564.51 567.31 564.99 567.80 565.26 568.06 565.41 568.21 565.57 568.37 558.73 568.52 559.07 568.68 559.24 568.83 558.95 568.99 558.37 569.16 558.52 569.37 559.19 569.61 560.38 569.90 561.63 570.20 564.84 570.50 566.01 570.80 563.14 571.10 564.78 571.40 565.17 571.71 566.12 572.06 567.55 572.47 569.29 572.93 569.67 573.40
100+00 101+00 102+00 103+00 104+00 105+00 106+00 107+00 108+00 109+00 110+00 111+00 112+00 113+00 114+00 115+00
PLAN SURVEYED PLOTTED ALIGNMENT CHECKED RT. OF WAY CHECKED CADD FILE NAME NOTE BOOK NO. BY DATE
PROFILE SURVEYED PLOTTED GRADES CHECKED B.M. NOTED STRUCTURE NOTAT'NS CH'KD NOTE BOOK NO. BY DATE