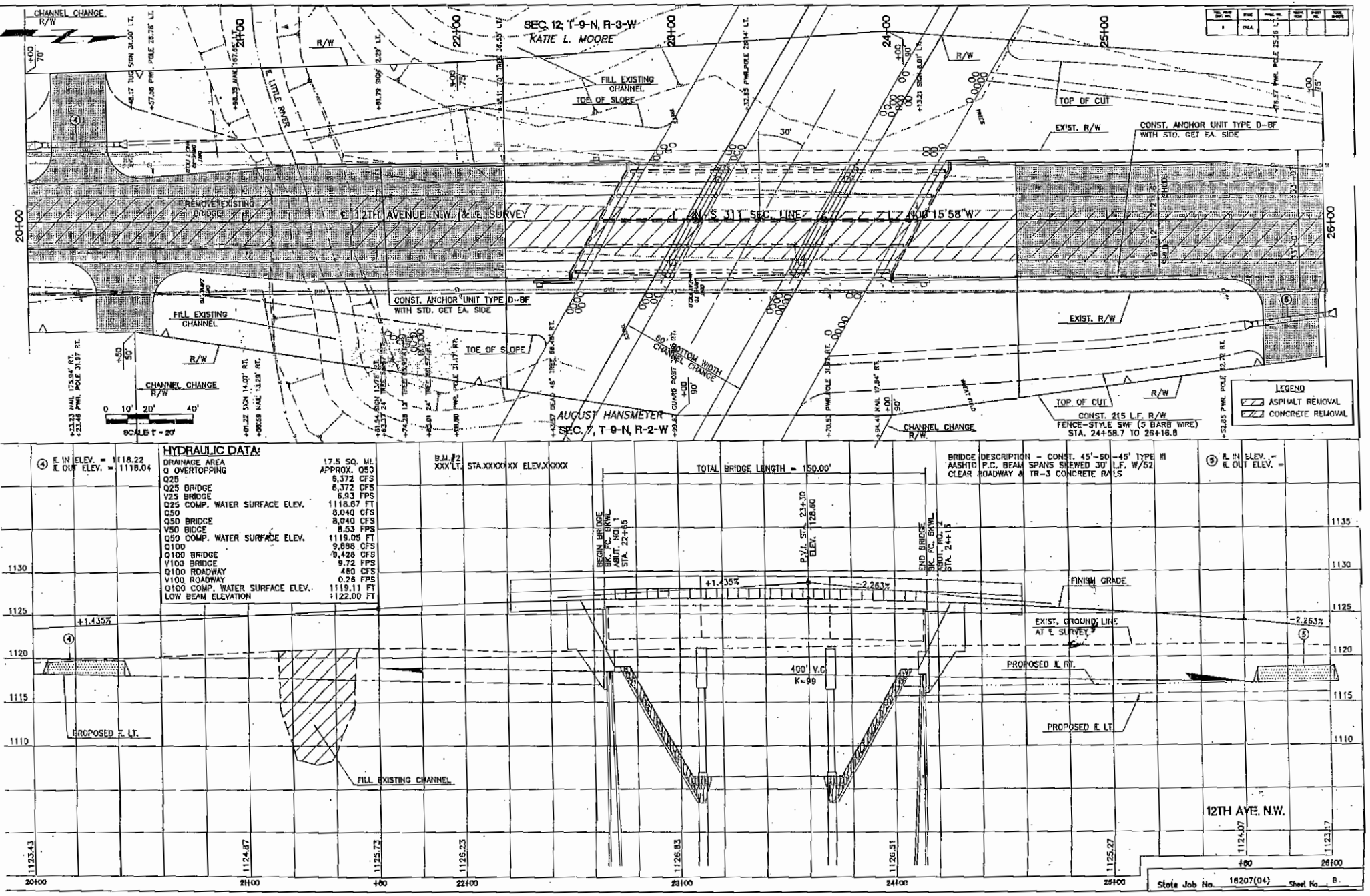
SEC. 12, T-9-N, R-3-W
KATIE L. MOORE
CHANNEL CHANGE R/W
R/W
FILL EXISTING CHANNEL
TOE OF SLOPE
TOP OF CUT
EXIST. R/W
CONST. ANCHOR UNIT TYPE D-BF WITH STD. GET EA. SIDE
REMOVE EXISTING BRIDGE
℄ 12TH AVENUE N.W. (& ℄ SURVEY)
N.S. 311 SEC. LINE
N00°15'58"W
BOTTOM WIDTH CHANGE
AUGUST HANSMEYER
SEC. 7, T-9-N, R-2-W
CONST. 215 L.F. R/W FENCE-STYLE SW (5 BARB WIRE) STA. 24+58.7 TO 26+16.8
LEGEND
ASPHALT REMOVAL
CONCRETE REMOVAL
SCALE 1" = 20'
HYDRAULIC DATA:
DRAINAGE AREA 17.5 SQ. MI.
Q OVERTOPPING APPROX. Q50
Q25 6,372 CFS
Q25 BRIDGE 6,372 CFS
V25 BRIDGE 6.93 FPS
Q25 COMP. WATER SURFACE ELEV. 1118.67 FT
Q50 8,040 CFS
Q50 BRIDGE 8,040 CFS
V50 BIDGE 8.53 FPS
Q50 COMP. WATER SURFACE ELEV. 1119.05 FT
Q100 9,888 CFS
Q100 BRIDGE 9,428 CFS
V100 BRIDGE 9.72 FPS
Q100 ROADWAY 460 CFS
V100 ROADWAY 0.26 FPS
Q100 COMP. WATER SURFACE ELEV. 1119.11 FT
LOW BEAM ELEVATION 1122.00 FT
④ ℄ IN ELEV. = 1118.22
℄ OUT ELEV. = 1118.04
B.M. #2
XXX' LT. STA.XXXXXXX ELEV.XXXXX
TOTAL BRIDGE LENGTH = 150.00'
BRIDGE DESCRIPTION - CONST. 45'-50'-45' TYPE III AASHTO P.C. BEAM SPANS SKEWED 30' L.F. W/52' CLEAR ROADWAY & TR-3 CONCRETE RAILS
⑤ ℄ IN ELEV. =
℄ OUT ELEV. =
BEGIN BRIDGE BK. FC. BKWL ABUT. NO. 1 STA. 22+65
P.V.I. STA. 23+30 ELEV. 1126.60
END BRIDGE BK. FC. BKWL ABUT. NO. 2 STA. 24+15
+1.435%
-2.263%
FINISH GRADE
EXIST. GROUND LINE AT ℄ SURVEY
PROPOSED ℄ RT.
PROPOSED ℄ LT.
400' V.C. K=99
FILL EXISTING CHANNEL
12TH AVE. N.W.
1135
1130
1125
1120
1115
1110
1123.43
1124.87
1125.73
1126.23
1126.83
1126.51
1125.27
1124.07
1123.17
20+00
21+00
+60
22+00
23+00
24+00
25+00
26+00
State Job No. 18207(04) Sheet No. 8