COUNTY OF	ITEM NO.	SHEET NO.
KENTON	_____	___

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS

PLANS OF
PROPOSED PROJECT

KENTON COUNTY
I-71/75
ALTERNATIVE E

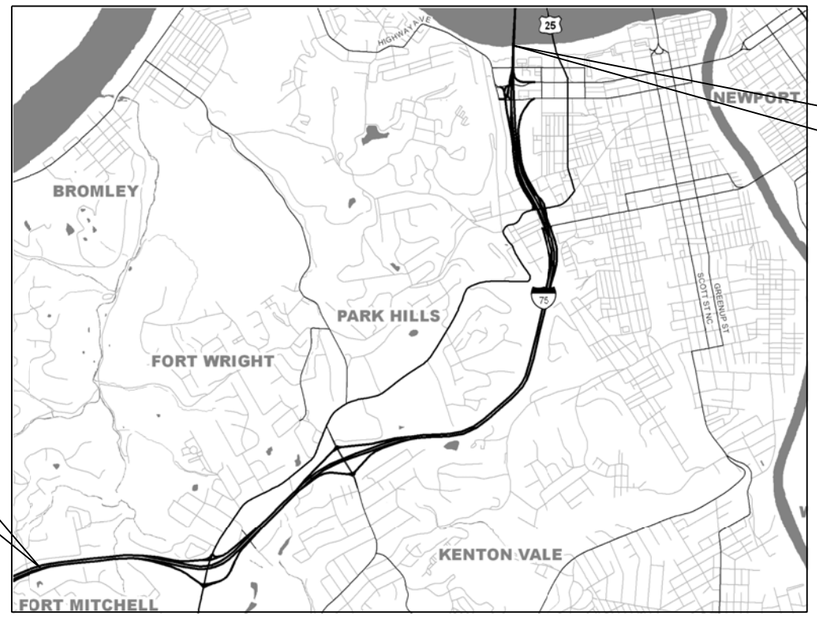
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	LAYOUT SHEET
ROLL PLOT	SCHEMATIC
DVD	GEOMETRIC DETAILS
2 - 8	TYPICAL SECTIONS
ROLL PLOT	PLAN
ROLL PLOT	PROFILES
9 - 117	CROSS SECTION SHEETS
ROLL PLOT	PAVEMENT MARKING PLAN
ROLL PLOT	DRAINAGE PLAN

SHEETS NOT INCLUDED IN TOTAL SHEETS

STANDARD DRAWINGS

NUMBER



END CONSTRUCTION
STA. 583+00
INTERSTATE 71/75

BEGIN CONSTRUCTION
STA. 350+88
INTERSTATE 71/75

0 4000' 8000' 12000' 16000'

GRAPHIC SCALE IN FEET 1"=4000'

LAYOUT MAP

BEFORE YOU DIG

CALL 1-800-752-6007 TOLL FREE A MINIMUM OF TWO AND NO MORE THAN TEN BUSINESS DAYS PRIOR TO EXCAVATION FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES WHICH SUBSCRIBE TO THE BEFORE-U-DIG (BUD) SERVICE. COORDINATE EXCAVATION WITH ALL UTILITY OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO BUD. SHOW ALL UTILITIES AND A CONTACT PERSON FOR EACH COMPANY ON SHEET NO. R3 OF THE PLANS.

PAVR REVIEW
SUBMISSION
JULY 23, 2010

DESIGN CRITERIA

CLASS OF HIGHWAY	INTERSTATE
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	60 MPH
REQUIRED NPSD	570'
REQUIRED PSD	N/A
LEVEL OF SERVICE	N/A
ADT PRESENT (2005)	159,620
ADT FUTURE (2035)	232,910
DHV	19,230
D %	
T %	

GEOGRAPHIC COORDINATES

LATITUDE 39 DEGREES 5 MINUTES NORTH
LONGITUDE 84 DEGREES 31 MINUTES WEST

DESIGNED

% RESTRICTED SD _____
LEVEL OF SERVICE _____
MAX. DISTANCE W/O PASSING _____

LENGTH 23,212 LIN. FT. 4.396 MILES	LENGTH _____ LIN. FT. _____ MILES	LENGTH _____ LIN. FT. _____ MILES	LENGTH _____ LIN. FT. _____ MILES
ADDED / DEDUCTED FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED / DEDUCTED FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED / DEDUCTED FOR EQUALITIES _____ LIN. FT. NOT INCLUDED	ADDED / DEDUCTED FOR EQUALITIES _____ LIN. FT. NOT INCLUDED
RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.	RAILROAD CROSSINGS NO. _____ LIN. FT.
BRIDGES _____ LIN. FT.	BRIDGES _____ LIN. FT.	BRIDGES _____	BRIDGES _____ LIN. FT.

Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF

KENTON

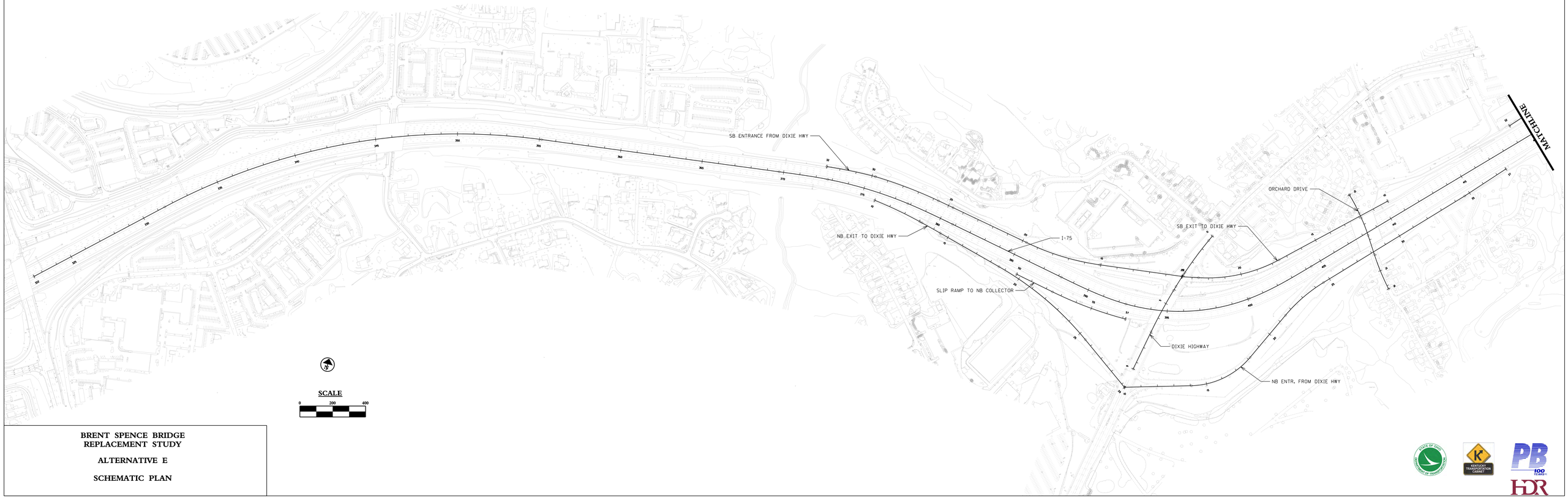
ITEM NO. _____

PROJECT NUMBER: _____

LETTING DATE: _____

RECOMMENDED BY: _____ DATE: _____
PROJECT MANAGER

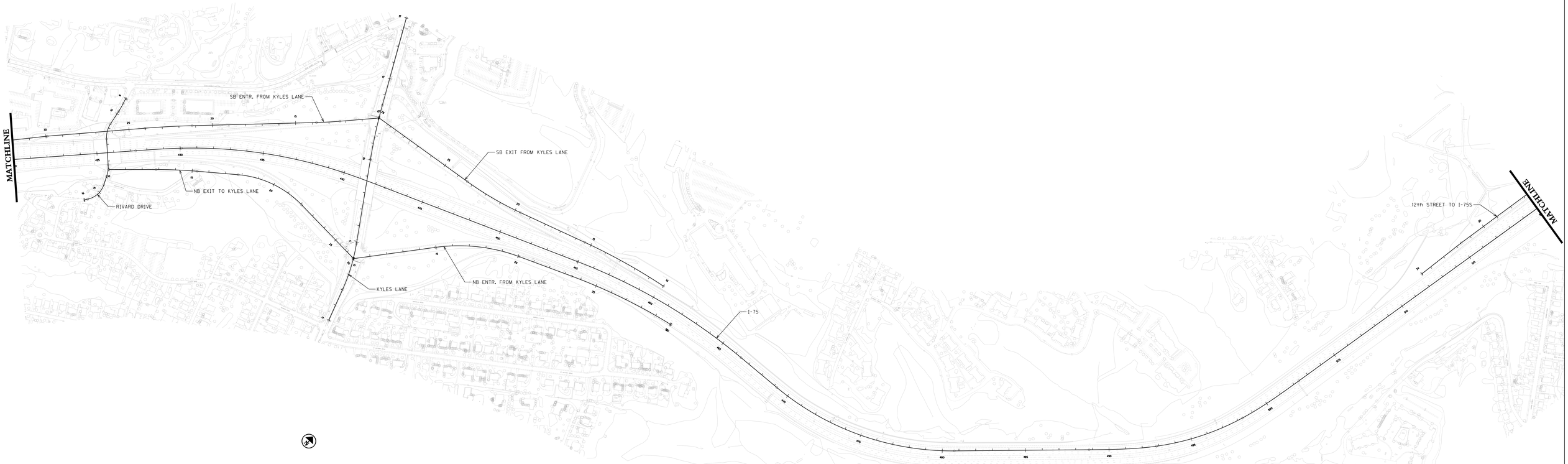
PLAN APPROVED BY: _____ DATE: _____
STATE HIGHWAY ENGINEER



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

SCHEMATIC PLAN



SCALE

0 200 400

BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

SCHEMATIC PLAN



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

SCHEMATIC PLAN

I-75

P.I. STA. 343+68.97
Δ = 35° 41' 17" (RT)
D = 10° 28'
R = 3,800.00'
T = 1,223.27'
L = 2,366.93'
E = 192.04'

P.I. STA 375+30.99
Δ = 01°28'13" RT,
C = 3°22'35"
Ts = 255.75'
Ls = 300.00'
Lc = 509.79'
# = 2°15'00"
L.T.= 200.04'
S.T.= 100.03'
R = 2,546.48'
Es = 34.02'

P.I. STA 396+84.12
Δ = 36° 30' 57" (LT)
C = 10°10'12"
Ts = 395.89'
Ls = 426.00'
Lc = 764.79'
# = 4°46'29"
L.T.= 284.47'
S.T.= 142.43'
R = 1,200.00'
Es = 11.70'

P.I. STA 435+07.51
Δ = 19°34'08" (RT)
C = 2°45'00"
Ts = 494.04'
Ls = 275.00'
Lc = 978.45'
# = 2°00'00"
L.T.= 183.36'
S.T.= 91.69'
R = 2,864.80'
Es = 11.07'

P.I. STA 460+72.15
Δ = 28° 50' 14" (RT)
C = 1° 38' 58"
R = 3,477.40'
T = 576.84'
L = 1,143.27'
E = 47.52'

P.I. STA 475+19.64
Δ = 40°17' 50" (LT)
C = 3°29' 23"
R = 1,641.84'
T = 602.41'
L = 1,154.73'
E = 107.03'

P.I. STA 495+75.75
Δ = 20°19'08" (LT)
C = 1° 32'00"
Ts = 275.96'
Ls = 405.00'
Lc = 546.13'
# = 3°43'14"
L.T.= 270.24'
S.T.= 135.22'
R = 1,540.00'
Es = 8.12'

P.I. STA 529+45.69
Δ = 32°10' 36" (LT)
C = 3°47' 08"
R = 1,513.50'
T = 436.52'
L = 849.97'
E = 61.69'

P.I. STA 541+31.82
Δ = 10°21' 40" (LT)
C = 1°29' 30"
R = 4,016.89'
T = 364.20'
L = 726.40'
E = 16.48'

P.I. STA 553+54.25
Δ = 19° 38' 10" (RT)
C = 3°16' 04"
R = 1,753.39'
T = 303.43'
L = 600.91'
E = 26.06'

P.I. STA 574+45.61
Δ = 12° 18' 1" (RT)
C = 0°47' 14"
R = 7,278.59'
T = 784.48'
L = 1,562.93'
E = 42.15'

NB EXIT TO DIXIE HIGHWAY

P.I. STA.11+52.29
Δ = 6°50' 42" (RT)
C = 2°15' 00"
R = 2,546.54'
T = 152.29'
L = 304.23'
E = 4.55'

P.I. STA. 13+82.39
Δ = 0°57' 57" (RT)
C = 0° 45' 50"
R = 7,500.00'
T = 63.22'
L = 126.44'
E = 0.27'

P.I. STA. 22+08.19
Δ = 20°55' 30" (RT)
C = 3°00' 56"
R = 1,900.00'
T = 349.71'
L = 695.69'
E = 31.92'

SB ENTRANCE FROM DIXIE HIGHWAY

P.I. STA.17+42.68
Δ = 17° 55' 00" (RT)
C = 3° 49' 11"
R = 1,500.00'
T = 236.46'
L = 469.06'
E = 18.52'

P.I. STA. 27+74.00
Δ = 8° 34' 31" (LT)
C = 2°05' 12"
R = 2,745.90'
T = 205.87'
L = 410.97'
E = 7.71'

P.I. STA. 31+30.44
Δ = 6° 33' 58" (LT)
C = 2°10' 18"
R = 2,638.24'
T = 151.33'
L = 302.34'
E = 4.34'

SLIP RAMP TO NB COLLECTOR

P.I. STA.54+81.61
Δ = 11°22' 13" (LT)
C = 2°23' 43"
R = 2,392.15'
T = 238.14'
L = 474.72'
E = 11.82'

DIXIE HIGHWAY

P.I. STA.1+56.77
Δ = 5°54' 43" (LT)
C = 2°26' 17"
R = 2,350.00'
T = 121.35'
L = 242.48'
E = 3.13'

P.I. STA. 3+36.00
Δ = 2°27' 07" (LT)
C = 2°51' 53"
R = 2,000.00'
T = 42.80'
L = 85.59'
E = 0.46'

P.I. STA. 5+50.80
Δ = 5°29' 14" (LT)
C = 1°54' 30"
R = 3,000.00'
T = 143.77'
L = 287.32'
E = 3.44'

NB ENTR. FROM DIXIE HWY

P.I. STA.16+23.98
Δ = 48° 36' 06" (LT)
C = 11°53' 14"
R = 482.00'
T = 217.64'
L = 408.86'
E = 46.86'

P.I. STA. 23+05.57
Δ = 18°27' 39" (RT)
C = 6°01' 52"
R = 950.00'
T = 154.38'
L = 306.09'
E = 12.46'

SB EXIT TO DIXIE HWY

P.I. STA.20+13.27
Δ = 31° 46' 26" (RT)
C = 6°14' 56"
R = 916.88'
T = 260.95'
L = 508.46'
E = 36.40'

ORCHARD DRIVE

P.I. STA.10+64.38
Δ = 6° 50' 12" (RT)
C = 5°27' 24"
R = 1,050.00'
T = 62.72'
L = 125.29'
E = 1.87'

P.I. STA. 11+20.74
Δ = 36° 57' 55" (LT)
C = 4°29' 06" (RT)
C = 5°43' 46"
R = 1,000.00'
T = 56.65'
L = 113.18'
E = 1.60'

P.I. STA. 12+45.75
Δ = 6°29' 06" (RT)
C = 5°43' 46"
R = 1,000.00'
T = 56.65'
L = 113.18'
E = 1.60'

P.I. STA. 15+07.72
Δ = 8°43' 32" (LT)
C = 3°49' 11"
R = 1,500.00'
T = 114.44'
L = 228.44'
E = 4.36'

RIVARD DRIVE

P.I. STA. 9+55.81
Δ = 6°14' 55" (RT)
C = 11°27' 33"
R = 500.00'
T = 27.29'
L = 54.53'
E = 0.74'

P.I. STA. 11+20.74
Δ = 36° 57' 55" (LT)
C = 3°49' 11"
R = 1,500.00'
T = 49.65'
L = 95.90'
E = 8.00'

P.I. STA. 13+58.09
Δ = 21° 50' 46" (RT)
C = 3° 49' 52"
R = 1,500.00'
T = 34.74'
L = 68.63'
E = 5.32'

P.I. STA. 15+20.98
Δ = 107° 04' 34" (LT)
C = 44° 04' 25"
R = 130.00'
T = 15.17'
L = 136.31'
E = 20.17'

NB EXIT TO KYLES LANE

P.I. STA.14+06.54
Δ = 4° 52' 40" (RT)
C = 1° 58' 33"
R = 2,900.00'
T = 123.52'
L = 246.90'
E = 2.63'

P.I. STA. 20+01.77
Δ = 40° 07' 31" (RT)
C = 9° 32' 57"
R = 600.00'
T = 225.08'
L = 420.66'
E = 40.83'

SB ENTR. FROM KYLES LANE

P.I. STA.13+04.57
Δ = 3° 13' 24" (RT)
C = 2° 11' 31"
R = 2,500.00'
T = 70.34'
L = 140.65'
E = 0.99'

P.I. STA. 22+62.30
Δ = 3° 01' 50" (LT)
C = 1° 07' 24"
R = 5,100.00'
T = 141.59'
L = 283.11'
E = 1.97'

KYLES LANE

P.I. STA. 3+46.68
Δ = 14° 46' 51" (LT)
C = 5° 10' 00"
R = 1,108.96'
T = 143.84'
L = 286.08'
E = 9.29'

P.I. STA. 11+68.79
Δ = 5° 56' 30" (RT)
C = 1° 47' 26"
R = 3,200.00'
T = 166.07'
L = 331.85'
E = 4.31'

NB ENTR. FROM KYLES LANE

P.I. STA.17+56.84
Δ = 28° 14' 44" (RT)
C = 5° 32' 09"
R = 1,035.00'
T = 260.40'
L = 510.23'
E = 32.26'

P.I. STA. 26+75.84
Δ = 11° 12' 53" (RT)
C = 1° 41' 29"
R = 3,387.27'
T = 332.56'
L = 663.00'
E = 16.29'

SB EXIT TO KYLES LANE

P.I. STA.12+70.09
Δ = 8° 39' 14" (LT)
C = 1° 36' 18"
R = 3,569.65'
T = 270.09'
L = 539.16'
E = 10.20'

P.I. STA. 21+50.74
Δ = 10° 59' 19" (RT)
C = 2° 58' 40"
R = 1,923.92'
T = 185.06'
L = 368.98'
E = 8.88'

NB COLLECTOR

P.I. STA. 542+83.36
Δ = 9° 03' 18" (LT)
C = 1° 25' 26"
R = 4,024.00'
T = 318.64'
L = 635.96'
E = 12.60'

P.I. STA. 552+34.19
Δ = 16° 49' 49" (RT)
C = 3° 49' 11"
R = 1,500.00'
T = 221.31'
L = 440.62'
E = 16.35'

P.I. STA. 571+19.41
Δ = 8° 02' 35" (RT)
C = 2° 17' 31"
R = 2,500.00'
T = 175.76'
L = 350.95'
E = 6.17'

P.I. STA. 582+54.55
Δ = 5° 37' 22" (RT)
C = 1° 18' 29"
R = 4,380.00'
T = 215.10'
L = 429.85'
E = 5.28'

JILLIANS WAY

P.I. STA. 15+76.32
Δ = 28° 32' 42" (RT)
C = 5° 12' 31"
R = 1,100.00'
T = 279.83'
L = 548.03'
E = 35.03'

P.I. STA. 24+40.61
Δ = 8° 58' 10" (LT)
C = 2° 16' 51"
R = 2,512.00'
T = 185.68'
L = 378.64'
E = 7.15'

P.I. STA. 36+08.24
Δ = 19° 16' 21" (RT)
C = 5° 45' 46"
R = 1,000.00'
T = 169.78'
L = 336.37'
E = 14.31'

P.I. STA. 39+24.51
Δ = 21° 43' 28" (LT)
C = 2° 51' 53"
R = 2,000.00'
T = 41.56'
L = 95.10'
E = 0.57'

P.I. STA. 46+32.88
Δ = 17° 24' 16" (LT)
C = 1° 54' 35"
R = 3,000.00'
T = 36.77'
L = 73.54'
E = 0.23'

P.I. STA. 53+24.28
Δ = 8° 45' 45" (RT)
C = 1° 54' 35"
R = 3,000.00'
T = 229.85'
L = 458.81'
E = 8.79'

42th Street to I-75S

P.I. STA.19+06.58
Δ = 30° 58' 57" (RT)
C = 5° 26' 28"
R = 1,053.00'
T = 296.85'
L = 569.41'
E = 39.70'

12th STREET

P.I. STA.16+21.85
Δ = 18° 04' 14" (LT)
C = 8° 40' 52"
R = 660.00'
T = 104.95'
L = 208.16'
E = 8.29'

I-7IN

P.I. STA. 515+40.88
Δ = 10° 21' 40" (LT)
C = 1° 24' 09"
R = 4,085.00'
T = 370.37'
L = 738.72'
E = 16.76'

P.I. STA. 527+54.27
Δ = 19° 38' 10" (RT)
C = 3° 26' 51"
R = 1,662.00'
T = 287.62'
L = 569.59'
E = 24.70'

P.I. STA. 535+21.95
Δ = 0° 57' 18" (LT)
C = 0° 34' 23"
R = 10,000.00'
T = 83.34'
L = 166.67'
E = 0.35'

P.I. STA. 550+36.20
Δ = 12° 18' 11" (RT)
C = 1° 39' 18"
R = 3,462.00'
T = 373.13'
L = 743.40'
E = 20.05'

PIKE STREET

P.I. STA. 14+80.96
Δ = 7° 43' 26" (LT)
C = 5° 43' 46"
R = 1,000.00'
T = 67.51'
L = 134.81'
E = 2.28'

P.I. STA. 16+90.48
Δ = 45° 33' 11" (LT)
C = 30° 09' 20"
R = 190.00'
T = 79.78'
L = 151.06'
E = 16.07'

COLLECTOR TO JILLIANS WAY

P.I. STA. 11+55.70
Δ = 11° 57' 45" (RT)
C = 5° 43' 46"
R = 1,000.00'
T = 104.77'
L = 208.79'
E = 5.47'

P.I. STA. 14+12.97
Δ = 16° 15' 09" (LT)
C = 5° 43' 46"
R = 1,000.00'
T = 148.14'
L = 294.13'
E = 10.91'

P.I. STA. 16+94.14
Δ = 12° 15' 54" (RT)
C = 4° 46' 29"
R = 1,200.00'
T = 128.33'
L = 256.88'
E = 6.91'

P.I. STA. 23+49.11
Δ = 4° 16' 59" (RT)
C = 1° 08' 45"
R = 5,000.00'
T = 186.77'
L = 373.76'
E = 3.49'

BULLOCK STREET

P.I. STA.18+31.74
Δ = 12° 52' 38" (LT)
C = 2° 01' 50"
R = 2,821.66'
T = 318.43'
L = 634.16'
E = 17.91'

9th STREET

P.I. STA. 12+49.44
Δ = 13° 41' 43" (LT)
C = 12° 43' 57"
R = 450.00'
L = 54.04'
L = 107.56'
E = 3.23'

P.I. STA. 14+76.58
Δ = 1° 07' 10" (LT)
C = 5° 43' 46"
R = 1,000.00'
T = 9.77'
L = 19.54'
E = 0.05'

P.I. STA. 19+38.76
Δ = 4° 35' 45" (RT)
C = 3° 47' 22"
R = 1,512.00'
T = 60.61'
L = 121.28'
E = 1.22'

P.I. STA. 21+82.59
Δ = 5° 35' 49" (RT)
C = 3° 47' 22"
R = 1,512.00'
T = 73.91'
L = 147.70'
E = 1.81'

JILLIANS WAY TO I-75NB

P.I. STA. 14+87.65
Δ = 9° 47' 53" (RT)
C = 5° 43' 46"
R = 1,000.00'
T = 85.13'
L = 169.85'
E = 3.62'

P.I. STA. 22+11.52
Δ = 7° 44' 36" (LT)
C = 4° 46' 29"
R = 1,200.00'
T = 81.21'
L = 162.17'
E = 2.74'

P.I. STA. 26+98.66
Δ = 10° 33' 55" (RT)
C = 4° 46' 29"
R = 1,200.00'
T = 110.95'
L = 221.28'
E = 5.12'

P.I. STA. 28+63.76
Δ = 0° 52' 20" (RT)
C = 0° 48' 25"
R = 7,100.00'
T = 54.05'
L = 108.09'
E = 0.21'

P.I. STA. 33+18.65
Δ = 6° 07' 44" (RT)
C = 0° 46' 00"
R = 7,474.03'
T = 400.12'
L = 799.49'
E = 10.70'

P.I. STA. 38+68.04
Δ = 2° 22' 46" (RT)
C = 0° 47' 35"
R = 7,224.30'
T = 150.03'
L = 300.02'
E = 1.56'

JILLIANS WAY TO NB COLLECTOR

P.I. STA. 10+63.94
Δ = 7° 12' 32" (RT)
C = 5° 38' 42"
R = 1,015.00'
T = 63.94'
L = 127.70'
E = 2.01'

P.I. STA. 12+30.93
Δ = 6° 33' 02" (LT)
C = 4° 58' 56"
R = 1,150.00'
T = 65.81'
L = 131.48'
E = 1.88'

P.I. STA. 13+32.81
Δ = 3° 49' 54" (RT)
C = 5° 27' 24"
R = 1,050.00'
T = 35.07'
L = 70.12'
E = 0.59'

P.I. STA. 18+76.69
Δ = 1° 21' 06" (LT)
C = 1° 50' 54"
R = 3,100.00'
T = 59.12'
L = 118.22'
E = 0.56'

P.I. STA. 22+99.46
Δ = 1° 36' 59" (RT)
C = 0° 54' 10"
R = 6,345.72'
T = 89.52'
L = 179.02'
E = 0.63'

P.I. STA. 28+21.78
Δ = 8° 02' 20" (RT)
C = 2° 17' 31"
R = 2,500.00'
T = 175.67'
L = 350.76'
E = 6.16'

I-7IS

P.I. STA.14+22.70
Δ = 19° 38' 10" (RT)
C = 3° 55' 10"
R = 1,461.83'
T = 252.38'
L = 500.99'
E = 21.73'

P.I. STA. 31+43.33
Δ = 12° 18' 11" (RT)
C = 0° 36' 32"
R = 9,408.09'
T = 1,013.98'
L = 2020.17'
E = 54.48'

SB COLLECTOR TO I-75S

P.I. STA.11+41.23
Δ = 11° 56' 42" (LT)
C = 8° 11' 06"
R = 700.00'
T = 108.44'
L = 215.17'
E = 8.35'

P.I. STA. 17+00.74
Δ = 13° 27' 27" (LT)
C = 1° 30' 28"
R = 3,800.00'
T = 448.33'
L = 892.53'
E = 26.36'

P.I. STA. 26+33.76
Δ = 15° 24' 16" (LT)
C = 3° 52' 44"
R = 1,477.10'
T = 199.77'
L = 397.15'
E = 15.40'

5th STREET

P.I. STA.15+62.42
Δ = 9° 47' 02" (LT)
C = 5° 32' 09"
R = 1,034.93'
T = 88.58'
L = 176.74'
E = 3.78'

4th STREET

P.I. STA.10+82.29
Δ = 29° 19' 39" (RT)
C = 22° 32' 00"
R = 254.27'
T = 66.53'
L = 130.15'
E = 8.56'

I-75S TO BULLOCK STREET

P.I. STA.19+54.13
Δ = 4° 38' 03" (RT)
C = 1° 54' 54"
R = 2,992.00'
T = 121.07'
L = 242.00'
E = 2.45'

P.I. STA. 24+88.68
Δ = 20° 52' 26" (LT)
C = 5° 43' 46"
R = 1,000.00'
T = 184.20'
L = 364.32'
E = 16.82'

I-7IS TO BULLOCK STREET

P.I. STA.13+25.26
Δ = 2° 39' 11" (LT)
C = 0° 36' 32"
R = 9,408.00'
T = 217.86'
L = 435.65'
E = 2.52'

P.I. STA. 26+27.85
Δ = 18° 16' 49" (LT)
C = 4° 30' 09"
R = 1,272.50'
T = 204.74'
L = 406.00'
E = 16.37'

P.I. STA. 39+12.52
Δ = 15° 24' 16" (LT)
C = 3° 43' 49"
R = 1,536.00'
T = 207.74'
L = 412.97'
E = 13.98'

4th STREET TO NB COLLECTOR

P.I. STA.579+24.68
Δ = 82° 30' 49" (RT)
C = 24° 54' 40"
R = 230.00'
T = 201.75'
L = 331.23'
E = 75.95'

P.I. STA. 582+87.17
Δ = 9° 46' 39" (RT)
C = 2° 40' 39"
R = 2,140.0'
T = 183.04'
L = 365.19'
E = 7.81'

CRESENT AVENUE TO I-7IN

P.I. STA. 12+51.53
Δ = 1° 45' 13" (LT)
C = 1° 54' 35"
R = 3,000.00'
T = 45.91'
L = 91.81'
E = 0.35'

P.I. STA. 16+50.70
Δ = 8° 28' 00" (LT)
C = 2° 51' 53"
R = 2,000.00'
T = 148.04'
L = 295.54'
E = 5.47'

P.I. STA. 22+22.57
Δ = 29° 23' 30" (RT)
C = 12° 43' 57"
R = 450.00'
T = 84.99'
L = 168.01'
E = 7.96'

P.I. STA. 24+96.17
Δ = 3° 30' 54" (RT)
C = 2° 51' 53"
R = 2,000.00'
T = 61.37'
L = 122.70'
E = 0.94'

P.I. STA. 27+40.62
Δ = 13° 21' 04" (LT)
C = 3° 49' 11"
R = 1,500.00'
T = 176.89'
L = 352.15'
E = 10.39'

P.I. STA. 32+24.04
Δ = 4° 16' 20" (LT)
C = 2° 51' 53"
R = 2,000.00'
T = 74.60'
L = 149.15'
E = 1.39'

P.I. STA. 39+08.90
Δ = 15° 24' 16" (LT)
C = 3° 49' 11"
R = 1,500.00'
T = 202.87'
L = 403.29'
E = 13.66'

P.I. STA. 41+60.69
Δ = 23° 53' 09" (LT)
C = 10° 02' 56"
R = 104.08'
T = 21.70'
L = 42.78'
E = 2.24'

P.I. STA. 47+20.62
Δ = 150° 51' 08" (LT)
C = 40° 54' 08"
R = 140.08'
T = 538.78'
L = 368.81'
E = 416.41'

P.I. STA. 47+35.91
Δ = 12° 53' 40" (RT)
C = 3° 29' 41"
R = 1,638.74'
T = 185.18'
L = 368.80'
E = 10.43'

P.I. STA. 53+68.40
Δ = 1° 08' 40" (RT)
C = 0° 11' 11"
R = 20,009.00'
T = 199.86'
L = 399.70'
E = 1.00'

SB COLLECTOR TO BULLOCK STREET

P.I. STA. 33+50.95
Δ = 6° 24' 18" (LT)
C = 2° 51' 53"
R = 2,000.00'
T = 111.90'
L = 223.57'
E = 3.13'

P.I. STA. 37+49.27
Δ = 30° 52' 20" (RT)
C = 5° 52' 35"
R = 975.00'
T = 269.22'
L = 525.35'
E = 36.49'

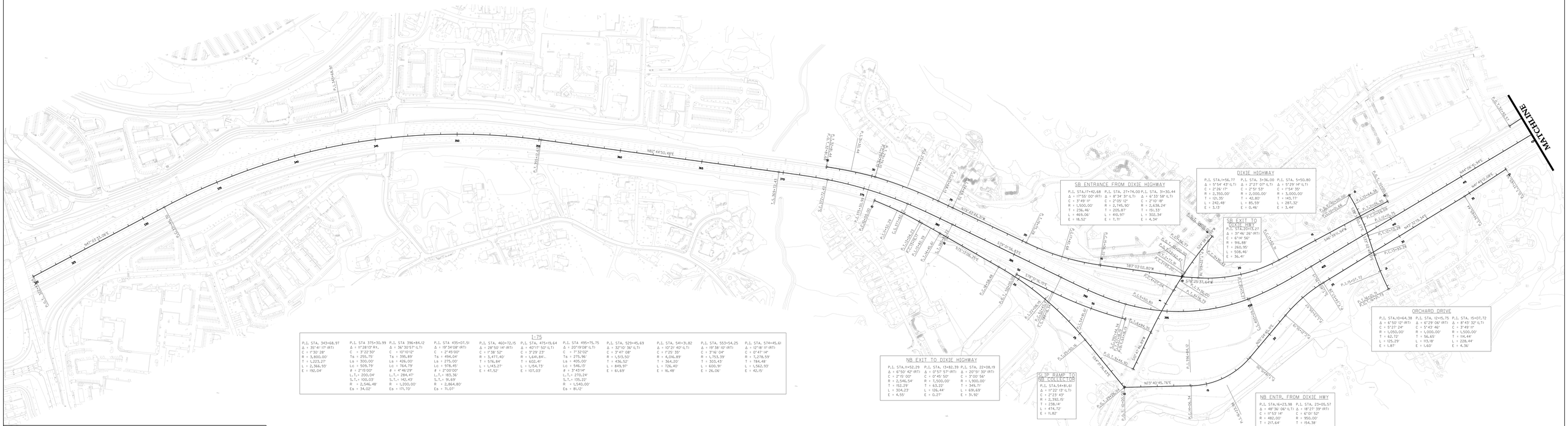
P.I. STA. 42+10.33
Δ = 21° 14' 26" (LT)
C = 8° 40' 52"
R = 660.00'
T = 123.76'
L = 244.68'
E = 11.50'

P.I. STA. 46+47.94
Δ = 20° 20' 04" (LT)
C = 3° 49' 11"
R = 1,500.00'
T = 269.01'
L = 532.35'
E = 23.93'

BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

CURVE DATA


I-75
P.I. STA. 343+68.97
Δ = 35° 41' 17" (RT)
D = 1° 30' 28"
R = 3,800.00'
T = 1,223.27'
L = 2,366.93'
E = 190.04'
P.I. STA 375+30.99
Δ = 11° 28' 13" Rt.
C = 3° 22' 30"
Ts = 255.75'
Ls = 300.00'
Lc = 509.79'
θ = 7° 03' 00"
L.T.= 200.04'
S.T.= 100.03'
R = 2,546.48'
Es = 34.02'
P.I. STA 396+84.12
Δ = 36° 30' 57" (LT)
C = 10° 10' 12"
Ts = 395.89'
Ls = 426.00'
Lc = 764.79'
θ = 4° 46' 29"
L.T.= 284.47'
S.T.= 142.43'
R = 1,200.00'
Es = 171.70'
P.I. STA 435+07.51
Δ = 19° 34' 08" (RT)
C = 2° 45' 00"
Ts = 494.04'
Ls = 275.00'
Lc = 978.45'
θ = 2° 00' 00"
L.T.= 183.36'
S.T.= 91.69'
R = 2,064.80'
Es = 71.07'
P.I. STA. 460+72.15
Δ = 28° 50' 14" (RT)
C = 1° 38' 52"
R = 3,477.40'
T = 516.84'
L = 1,143.27'
E = 47.52'
P.I. STA. 475+19.64
Δ = 40° 17' 50" (LT)
C = 3° 29' 23"
R = 1,641.84'...
T = 602.41'
L = 1,154.73'
E = 107.03'
P.I. STA 495+75.75
Δ = 20° 19' 08" (LT)
C = 7° 30' 00"
Ts = 275.96'
Ls = 405.00'
Lc = 546.13'
θ = 3° 43' 51"
L.T.= 270.24'
S.T.= 135.22'
R = 1,540.00'
Es = 81.12'
P.I. STA. 529+45.69
Δ = 32° 05' 36" (LT)
C = 3° 47' 08"
R = 1,515.50'
T = 436.52'
L = 849.91'
E = 61.69'
P.I. STA. 541+31.82
Δ = 10° 21' 40" (LT)
C = 1° 25' 35"
R = 4,016.89'
T = 364.20'
L = 726.40'
E = 16.48'
P.I. STA. 553+54.25
Δ = 19° 38' 10" (RT)
C = 3° 16' 04"
R = 1,753.39'
T = 303.43'
L = 600.91'
E = 26.06'
P.I. STA. 574+45.61
Δ = 10° 18' 11" (RT)
C = 0° 47' 14"
R = 7,278.59'
T = 784.48'
L = 1,562.93'
E = 42.15'
SCALE
0
200
400
BRENT SPENCE BRIDGE
REPLACEMENT STUDY
ALTERNATIVE E
GEOMETRIC DETAILS:
I-75 MAINLINE, NB EXIT TO DIXIE HWY, SLIP RAMP TO NB COLL, SB ENTR FROM DIXIE HWY, SB EXIT TO DIXIE HWY, DIXIE HIGHWAY, NB ENTR FROM DIXIE HWY, ORCHARD DRIVE
SB ENTRANCE FROM DIXIE HIGHWAY
P.I. STA.17+42.68
Δ = 11° 55' 00" (RT)
C = 3° 49' 11"
R = 1,500.00'
T = 236.46'
L = 469.06'
E = 18.52'
P.I. STA. 27+74.00
Δ = 8° 54' 31" (LT)
C = 2° 05' 12"
R = 2,745.90'
T = 205.87'
L = 410.97'
E = 7.71'
P.I. STA. 31+30.44
Δ = 6° 33' 58" (LT)
C = 2° 10' 18"
R = 2,638.24'
T = 151.33'
L = 302.34'
E = 4.34'
DIXIE HIGHWAY
P.I. STA.1+56.77
Δ = 5° 54' 43" (LT)
C = 2° 26' 17"
R = 2,350.00'
T = 121.35'
L = 242.48'
E = 3.13'
P.I. STA. 3+36.00
Δ = 2° 27' 07" (LT)
C = 2° 51' 53"
R = 2,000.00'
T = 42.80'
L = 85.59'
E = 0.46'
P.I. STA. 5+50.80
Δ = 5° 29' 14" (LT)
C = 1° 54' 35"
R = 3,000.00'
T = 143.77'
L = 287.32'
E = 3.44'
SB EXIT TO DIXIE HWY
P.I. STA.20+15.27
Δ = 37° 46' 26" (RT)
C = 6° 14' 56"
R = 916.88'
T = 260.95'
L = 508.46'
E = 36.41'
NB EXIT TO DIXIE HIGHWAY
P.I. STA.11+52.29
Δ = 6° 50' 42" (RT)
C = 2° 15' 00"
R = 2,546.54'
T = 152.29'
L = 304.23'
E = 4.55'
P.I. STA. 13+82.39
Δ = 0° 57' 57" (RT)
C = 0° 45' 50"
R = 7,500.00'
T = 63.22'
L = 126.44'
E = 0.27'
P.I. STA. 22+08.19
Δ = 20° 51' 30" (RT)
C = 3° 00' 56"
R = 1,900.00'
T = 349.71'
L = 691.69'
E = 31.90'
SLIP RAMP TO NB COLLECTOR
P.I. STA.54+81.61
Δ = 17° 22' 13" (LT)
C = 2° 23' 45"
R = 2,392.15'
T = 238.14'
L = 474.72'
E = 11.82'
NB ENTR. FROM DIXIE HWY
P.I. STA.16+23.98
Δ = 48° 36' 06" (LT)
C = 11° 53' 14"
R = 482.00'
T = 217.64'
L = 408.86'
E = 46.86'
P.I. STA. 23+05.57
Δ = 18° 27' 39" (RT)
C = 6° 01' 52"
R = 950.00'
T = 154.38'
L = 306.09'
E = 12.40'
ORCHARD DRIVE
P.I. STA.10+64.38
Δ = 6° 50' 12" (RT)
C = 5° 27' 24"
R = 1,050.00'
T = 62.72'
L = 125.29'
E = 1.87'
P.I. STA. 12+15.75
Δ = 6° 29' 06" (RT)
C = 5° 43' 46"
R = 1,000.00'
T = 56.65'
L = 113.18'
E = 1.60'
P.I. STA. 15+07.72
Δ = 8° 43' 32" (LT)
C = 3° 49' 11"
R = 1,500.00'
T = 114.44'
L = 228.44'
E = 4.36'
MATCHLINE
STATE OF OHIO DEPARTMENT OF TRANSPORTATION
KENTUCKY TRANSPORTATION CABINET
PB 100 YEARS
HDR



BRENT SPENCE BRIDGE
REPLACEMENT STUDY

ALTERNATIVE E
GEOMETRIC DETAILS:
I-75 MAINLINE, RIVARD DRIVE, NB EXIT TO KYLES LANE, SB ENTR FROM KYLES LANE, NB ENTR FROM KYLES LANE, KYLES LANE, SB EXIT TO KYLES LANE

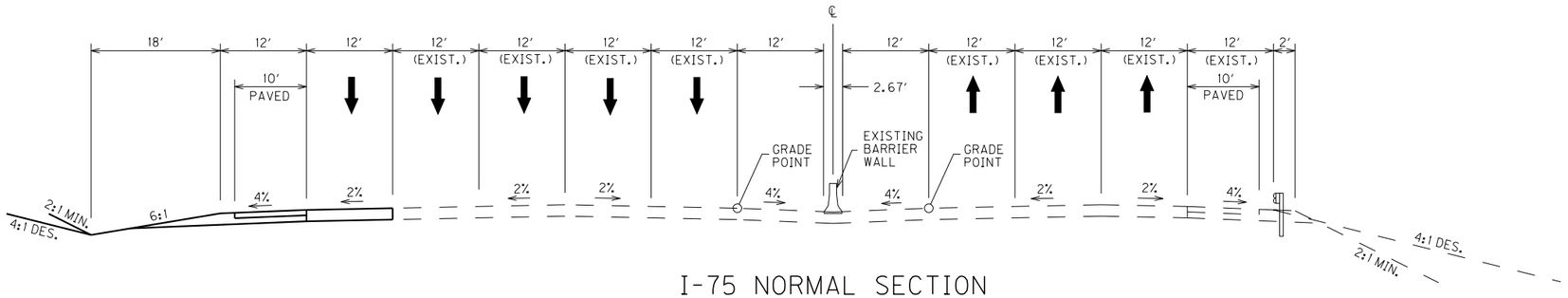

I-75
P.I. STA. 343+68.97
Δ = 35°41' 17" (RT)
C = 1°50' 28"
R = 3,800.00'
T = 1,223.27'
L = 2,366.93'
E = 190.04'
P.I. STA 375+30.99
Δ = 11°28'13" Rt.
C = 3°22' 30"
Ts = 255.75'
Ls = 300.00'
Lc = 509.79'
θ = 2°15'00"
L.T.= 200.04'
S.T.= 100.03'
R = 2,546.48'
Es = 34.02'
P.I. STA 396+84.12
Δ = 36°30'57" (LT)
C = 10°10'12"
Ts = 395.89'
Ls = 426.00'
Lc = 764.79'
θ = 4°46'29"
L.T.= 284.47'
S.T.= 142.43'
R = 1,200.00'
Es = 111.70'
P.I. STA 435+07.51
Δ = 19°34'08" (RT)
C = 2°45'00"
Ts = 494.04'
Ls = 275.00'
Lc = 978.45'
θ = 2°00'00"
L.T.= 183.36'
S.T.= 91.69'
R = 2,864.80'
Es = 71.07'
P.I. STA. 460+72.15
Δ = 28°50' 14" (RT)
C = 1° 38' 52"
R = 3,477.40'
T = 536.84'
L = 1,143.27'
E = 41.52'
P.I. STA. 475+93.64
Δ = 40°17' 50" (LT)
C = 3°29' 23"
R = 1,641.84'
T = 602.41'
L = 1,154.75'
E = 107.03'
P.I. STA 495+75.75
Δ = 20°19'08" (LT)
C = 7°32'02"
Ts = 275.96'
Ls = 405.00'
Lc = 546.13'
θ = 3°43'14"
L.T.= 270.24'
S.T.= 135.22'
R = 1,540.00'
Es = 81.12'
P.I. STA. 529+45.69
Δ = 32°10' 36" (LT)
C = 3°47' 08"
R = 1,513.50'
T = 436.52'
L = 849.97'
E = 61.69'
P.I. STA. 541+31.82
Δ = 10° 21' 40" (LT)
C = 1° 25' 35"
R = 4,016.89'
T = 364.20'
L = 726.40'
E = 16.48'
P.I. STA. 553+54.25
Δ = 19° 38' 10" (RT)
C = 3°16' 04"
R = 1,753.39'
T = 303.43'
L = 600.91'
E = 26.06'
P.I. STA. 574+45.61
Δ = 12°18' 11" (RT)
C = 0°47' 14"
R = 7,278.59'
T = 784.48'
L = 1,562.93'
E = 42.15'
I-71S
P.I. STA.14+22.70
Δ = 19° 38' 10" (RT)
C = 3°55' 10"
R = 1,461.83'
T = 252.38'
L = 500.99'
E = 21.73'
P.I. STA. 31+45.33
Δ = 12°18' 11" (RT)
C = 0° 36' 32"
R = 9,408.09'
T = 1,013.98'
L = 2020.11'
E = 54.48'
PIKE STREET
P.I. STA. 14+80.96
Δ = 1° 43' 26" (LT)
C = 5° 43' 46"
R = 1,000.00'
T = 67.51'
L = 134.81'
E = 2.28'
P.I. STA. 16+90.48
Δ = 45° 33' 11" (LT)
C = 30° 09' 20"
R = 190.00'
T = 79.78'
L = 151.06'
E = 16.07'
5th STREET
P.I. STA.15+82.42
Δ = 9° 47' 02" (LT)
C = 5° 32' 09"
R = 1,034.99'
T = 88.58'
L = 176.74'
E = 3.78'
4th STREET
P.I. STA.10+82.29
Δ = 29° 19' 39" (RT)
C = 22° 32' 00"
R = 254.27'
T = 66.53'
L = 130.15'
E = 8.56'
12th STREET
P.I. STA.16+27.85
Δ = 18°04' 14" (LT)
C = 8° 40' 52"
R = 660.00'
T = 104.95'
L = 208.16'
E = 8.29'
I-71N
P.I. STA. 515+40.88
Δ = 10° 21' 40" (LT)
C = 1°24' 09"
R = 4,085.00'
T = 370.37'
L = 738.72'
E = 16.76'
P.I. STA. 527+54.27
Δ = 19° 38' 10" (RT)
C = 3°26' 51"
R = 1,662.00'
T = 287.62'
L = 569.59'
E = 24.70'
P.I. STA. 535+21.95
Δ = 0° 57' 18" (LT)
C = 0° 34' 23"
R = 10,000.00'
T = 83.34'
L = 166.67'
E = 0.35'
P.I. STA. 550+36.20
Δ = 12°18' 11" (RT)
C = 7° 39' 18"
R = 3,462.00'
T = 373.13'
L = 743.40'
E = 20.05'
9th STREET
P.I. STA. 12+49.44
Δ = 13° 41' 43" (LT)
C = 12° 43' 57"
R = 450.00'
T = 54.04'
L = 107.56'
E = 3.23'
P.I. STA. 14+76.58
Δ = 1° 03' 10" (LT)
C = 5° 43' 46"
R = 1,000.00'
T = 9.77'
L = 19.54'
E = 0.05'
P.I. STA. 19+38.76
Δ = 4° 35' 45" (RT)
C = 3° 47' 22"
R = 1,512.00'
T = 60.67'
L = 121.28'
E = 1.22'
P.I. STA. 21+82.59
Δ = 5° 35' 49" (RT)
C = 3° 47' 22"
R = 1,512.00'
T = 73.91'
L = 147.70'
E = 1.81'
SB COLLECTOR TO BULLOCK STREET
P.I. STA. 33+50.95
Δ = 6° 24' 18" (LT)
C = 2° 51' 53"
R = 2,000.00'
T = 111.90'
L = 223.57'
E = 3.13'
P.I. STA. 37+49.27
Δ = 30° 52' 20" (RT)
C = 5° 52' 35"
R = 975.00'
T = 269.22'
L = 525.35'
E = 36.49'
P.I. STA. 42+10.33
Δ = 21° 14' 26" (LT)
C = 8° 40' 52"
R = 660.00'
T = 123.76'
L = 244.68'
E = 11.50'
P.I. STA. 46+47.94
Δ = 20° 20' 04" (LT)
C = 3° 49' 11"
R = 1,500.00'
T = 269.01'
L = 532.35'
E = 23.93'
MATCHLINE
P.C.= 520+00.00
P.T.= 10+00.00
P.C.= 21+82.59
P.T.= 10+00.00
P.C.= 22+56.38
P.C.= 24+08.68
P.C.= 26+78.08
P.C.= 28+78.08
P.C.= 30+78.08
P.C.= 32+78.08
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P.C.= 176+78.08
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P.C.= 274+78.08
P.C.= 276+78.08
P.C.= 278+78.08
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P.C.= 282+78.08
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P.C.= 1678+78.08
P.C.= 1680+78.08
P.C.= 1682+78.08
P.C.= 1684+78.08
P.C.= 1686+78.08
P.C.= 1688+78.08
P.C.= 1690+78.08
P.C.= 1692+78.08
P.C.= 1694+78.08
P.C.= 1696+78.08
P.C.= 1698+78.08
P.C.= 1700+78.08
P.C.= 1702+78.08
P.C.= 1704+78.08
P.C.= 1706+78.08
P.C.= 1708+78.08
P.C.= 1710+78.08
P.C.= 1712+78.08
P.C.= 1714+78.08
P.C.= 1716+78.08
P.C.= 1718+78.08
P.C.= 1720+78.08
P.C.= 1722+78.08
P.C.= 1724+78.08
P.C.= 1726+78.08
P.C.= 1728+78.08
P.C.= 1730+78.08
P.C.= 1732+78.08
P.C.= 1734+78.08
P.C.= 1736+78.08
P.C.= 1738+78.08
P.C.= 1740+78.08
P.C.= 1742+78.08
P.C.= 1744+78.08
P.C.= 1746+78.08
P.C.= 1748+78.08
P.C.= 1750+78.08
P.C.= 1752+78.08
P.C.= 1754+78.08
P.C.= 1756+78.08
P.C.= 1758+78.08
P.C.= 1760+78.08
P.C.= 1762+78.08
P.C.= 1764+78.08
P.C.= 1766+78.08
P.C.= 1768+78.08
P.C.= 1770+78.08
P.C.= 1772+78.08
P.C.= 1774+78.08
P.C.= 1776+78.08
P.C.= 1778+78.08
P.C.= 1780+78.08
P.C.= 1782+78.08
P.C.= 1784+78.08
P.C.= 1786+78.08
P.C.= 1788+78.08
P.C.= 1790+78.08
P.C.= 1792+78.08
P.C.= 1794+78.08
P.C.= 1796+78.08
P.C.= 1798+78.08
P.C.= 1800+78.08
P.C.= 1802+78.08
P.C.= 1804+78.08
P.C.= 1806+78.08
P.C.= 1808+78.08
P.C.= 1810+78.08
P.C.= 1812+78.08
P.C.= 1814+78.08
P.C.= 1816+78.08
P.C.= 1818+78.08
P.C.= 1820+78.08
P.C.= 1822+78.08
P.C.= 1824+78.08
P.C.= 1826+78.08
P.C.= 1828+78.08
P.C.= 1830+78.08
P.C.= 1832+78.08
P.C.= 1834+78.08
P.C.= 1836+78.08
P.C.= 1838+78.08
P.C.= 1840+78.08
P.C.= 1842+78.08
P.C.= 1844+78.08
P.C.= 1846+78.08
P.C.= 1848+78.08
P.C.= 1850+78.08
P.C.= 1852+78.08
P.C.= 1854+78.08
P.C.= 1856+78.08
P.C.= 1858+78.08
P.C.= 1860+78.08
P.C.= 1862+78.08
P.C.= 1864+78.08
P.C.= 1866+78.08
P.C.= 1868+78.08
P.C.= 1870+78.08
P.C.= 1872+78.08
P.C.= 1874+78.08
P.C.= 1876+78.08
P.C.= 1878+78.08
P.C.= 1880+78.08
P.C.= 1882+78.08
P.C.= 1884+78.08
P.C.= 1886+78.08
P.C.= 1888+78.08
P.C.= 1890+78.08
P.C.= 1892+78.08
P.C.= 1894+78.08
P.C.= 1896+78.08
P.C.= 1898+78.08
P.C.= 1900+78.08
P.C.= 1902+78.08
P.C.= 1904+78.08
P.C.= 1906+78.08
P.C.= 1908+78.08
P.C.= 1910+78.08
P.C.= 1912+78.08
P.C.= 1914+78.08
P.C.= 1916+78.08
P.C.= 1918+78.08
P.C.= 1920+78.08
P.C.= 1922+78.08
P.C.= 1924+78.08
P.C.= 1926+78.08
P.C.= 1928+78.08
P.C.= 1930+78.08
P.C.= 1932+78.08
P.C.= 1934+78.08
P.C.= 1936+78.08
P.C.= 1938+78.08
P.C.= 1940+78.08
P.C.= 1942+78.08
P.C.= 1944+78.08
P.C.= 1946+78.08
P.C.= 1948+78.08
P.C.= 1950+78.08
P.C.= 1952+78.08
P.C.= 1954+78.08
P.C.= 1956+78.08
P.C.= 1958+78.08
P.C.= 1960+78.08
P.C.= 1962+78.08
P.C.= 1964+78.08
P.C.= 1966+78.08
P.C.= 1968+78.08
P.C.= 1970+78.08
P.C.= 1972+78.08
P.C.= 1974+78.08
P.C.= 1976+78.08
P.C.= 1978+78.08
P.C.= 1980+78.08
P.C.= 1982+78.08
P.C.= 1984+78.08
P.C.= 1986+78.08
P.C.= 1988+78.08
P.C.= 1990+78.08
P.C.= 1992+78.08
P.C.= 1994+78.08
P.C.= 1996+78.08
P.C.= 1998+78.08
P.C.= 2000+78.08
P.C.= 2002+78.08
P.C.= 2004+78.08
P.C.= 2006+78.08
P.C.= 2008+78.08
P.C.= 2010+78.08
P.C.= 2012+78.08
P.C.= 2014+78.08
P.C.= 2016+78.08
P.C.= 2018+78.08
P.C.= 2020+78.08
P.C.= 2022+78.08
P.C.= 2024+78.08
P.C.= 2026+78.08
P.C.= 2028+78.08
P.C.= 2030+78.08
P.C.= 2032+78.08
P.C.= 2034+78.08
P.C.= 2036+78.08
P.C.= 2038+78.08
P.C.= 2040+78.08
P.C.= 2042+78.08
P.C.= 2044+78.08
P.C.= 2046+78.08
P.C.= 2048+78.08
P.C.= 2050+78.08
P.C.= 2052+78.08
P.C.= 2054+78.08
P.C.= 2056+78.08
P.C.= 2058+78.08
P.C.= 2060+78.08
P.C.= 2062+78.08
P.C.= 2064+78.08
P.C.= 2066+78.08
P.C.= 2068+78.08
P.C.= 2070+78.08
P.C.= 2072+78.08
P.C.= 2074+78.08
P.C.= 2076+78.08
P.C.= 2078+78.08
P.C.= 2080+78.08
P.C.= 2082+78.08
P.C.= 2084+78.08
P.C.= 2086+78.08
P.C.= 2088+78.08
P.C.= 2090+78.08
P.C.= 2092+78.08
P.C.= 2094+78.08
P.C.= 2096+78.08
P.C.= 2098+78.08
P.C.= 2100+78.08
P.C.= 2102+78.08
P.C.= 2104+78.08
P.C.= 2106+78.08
P.C.= 2108+78.08
P.C.= 2110+78.08
P.C.= 2112+78.08
P.C.= 2114+78.08
P.C.= 2116+78.08
P.C.= 2118+78.08
P.C.= 2120+78.08
P.C.= 2122+78.08
P.C.= 2124+78.08
P.C.= 2126+78.08
P.C.= 2128+78.08
P.C.= 2130+78.08
P.C.= 2132+78.08
P.C.= 2134+78.08
P.C.= 2136+78.08
P.C.= 2138+78.08
P.C.= 2140+78.08
P.C.= 2142+78.08
P.C.= 2144+78.08
P.C.= 2146+78.


MATCHLINE
SB COLLECTOR TO I-75S
P.I. STA.11+41.23
Δ = 117°36' 42" (LT)
D = 8°11' 06"
R = 700.00'
T = 108.44'
L = 215.17'
E = 8.35'
P.I. STA. 17+00.74
Δ = 13° 27' 27" (LT)
D = 1°30' 28"
R = 3,800.00'
T = 448.33'
L = 892.53'
E = 26.36'
P.I. STA. 26+33.76
Δ = 15°24' 16" (LT)
D = 3°52' 44"
R = 1,477.10'
T = 199.77'
L = 397.13'
E = 13.45'
12th Street to I-75S
P.I. STA.19+06.58
Δ = 50°58' 57" (RT)
D = 5°26' 28"
R = 1,053.00'
T = 291.85'
L = 569.49'
E = 39.70'
BULLOCK STREET
P.I. STA.18+31.74
Δ = 12° 52' 38" (LT)
D = 2° 01' 50"
R = 2,821.66'
T = 318.42'
L = 634.16'
E = 17.91'
NB COLLECTOR
P.I. STA. 542+83.36
Δ = 9°03' 18" (LT)
D = 1°25' 26"
R = 4,024.00'
T = 318.64'
L = 635.96'
E = 12.60'
P.I. STA. 552+34.19
Δ = 16° 49' 49" (RT)
D = 3° 49' 11"
R = 1,500.00'
T = 221.96'
L = 440.62'
E = 16.33'
P.I. STA. 57+19.41
Δ = 8°02' 35" (RT)
D = 2° 17' 31"
R = 2,500.00'
T = 175.76'
L = 350.95'
E = 6.17'
P.I. STA. 582+54.55
Δ = 5°37' 22" (RT)
D = 1° 18' 29"
R = 4,380.00'
T = 215.10'
L = 429.85'
E = 5.28'
JILLIANS WAY
P.I. STA. 15+76.32
Δ = 28°32' 42" (RT)
D = 5°12' 31"
R = 1,100.00'
T = 279.83'
L = 548.03'
E = 35.03'
P.I. STA. 24+40.61
Δ = 8°38' 10" (LT)
D = 2°16' 50"
R = 2,512.00'
T = 189.68'
L = 378.64'
E = 7.15'
P.I. STA. 36+08.24
Δ = 19°16' 21" (RT)
D = 5°43' 46"
R = 1,000.00'
T = 169.79'
L = 336.37'
E = 14.31'
P.I. STA. 39+24.51
Δ = 2°43' 28" (LT)
D = 2°51' 53"
R = 2,000.00'
T = 47.56'
L = 95.10'
E = 0.57'
P.I. STA. 46+32.88
Δ = 1°24' 10" (LT)
D = 1°54' 35"
R = 3,000.00'
T = 36.77'
L = 73.54'
E = 0.23'
P.I. STA. 53+24.28
Δ = 8°45' 45" (RT)
D = 1°54' 35"
R = 3,000.00'
T = 229.85'
L = 458.81'
E = 8.79'
4th STREET TO NB COLLECTOR
P.I. STA.579+24.68
Δ = 82°30' 49" (RT)
D = 24°54' 40"
R = 230.00'
T = 200.75'
L = 331.23'
E = 75.95'
P.I. STA. 582+87.17
Δ = 9°46' 39" (RT)
D = 2°40' 39"
R = 2,140.0'
T = 183.04'
L = 365.19'
E = 7.81'
CRESENT AVENUE TO I-71N
P.I. STA. 12+51.53
Δ = 1°45' 13" (LT)
D = 1°54' 35"
R = 3,000.00'
T = 45.91'
L = 91.81'
E = 0.35'
P.I. STA. 16+50.70
Δ = 8°28' 00" (LT)
D = 2°51' 53"
R = 2,000.00'
T = 148.04'
L = 295.54'
E = 5.47'
P.I. STA. 22+22.57
Δ = 21°23' 30" (RT)
D = 12°43' 51"
R = 450.00'
T = 84.99'
L = 168.01'
E = 7.96'
P.I. STA. 24+96.17
Δ = 3° 30' 54" (RT)
D = 2°51' 53"
R = 2,000.00'
T = 61.31'
L = 122.70'
E = 0.94'
P.I. STA. 27+40.62
Δ = 13°27' 04" (LT)
D = 3° 49' 11"
R = 1,500.00'
T = 176.89'
L = 352.15'
E = 10.39'
P.I. STA. 32+24.04
Δ = 4°16' 20" (LT)
D = 2° 51' 53"
R = 2,000.00'
T = 74.60'
L = 149.13'
E = 1.39'
P.I. STA. 39+08.90
Δ = 15°24' 16" (LT)
D = 3° 49' 11"
R = 1,500.00'
T = 202.87'
L = 403.29'
E = 13.66'
P.I. STA. 41+60.69
Δ = 23°33' 03" (LT)
D = 55°02' 56"
R = 104.08'
T = 21.70'
L = 42.78'
E = 2.24'
P.I. STA. 47+20.62
Δ = 150°51' 08" (LT)
D = 40°54' 08"
R = 140.08'
T = 538.78'
L = 368.81'
E = 496.61'
P.I. STA. 47+35.91
Δ = 12°53' 40" (RT)
D = 3° 29' 47"
R = 1,638.74'
T = 185.18'
L = 368.80'
E = 10.43'
P.I. STA. 53+68.40
Δ = 1°08' 40" (RT)
D = 0°17' 11"
R = 20,009.00'
T = 199.86'
L = 399.70'
E = 1.00'
BRENT SPENCE BRIDGE
REPLACEMENT STUDY
ALTERNATIVE E
GEOMETRIC DETAILS:
NB COLL, 12TH STREET TO I-75S, JILLIANS WAY, BULLOCK STREET,
SB COLL TO I-75S, CRESENT AVENUE TO I-71N,
4TH STREET TO NB COLL
SCALE
0
200
400
STATE OF OHIO DEPARTMENT OF TRANSPORTATION
KENTUCKY TRANSPORTATION CABINET
PB 100 YEARS
HDR


MATCHLINE
I-71S TO BULLOCK STREET
P.I. STA.13+25.26
Δ = 2° 39' 11" (LT)
C = 0° 36' 32"
R = 9,408.00'
T = 217.86'
L = 435.65'
E = 2.52'
P.I. STA. 26+27.85
Δ = 18° 16' 49" (LT)
C = 4° 30' 09"
R = 1,272.50'
T = 204.74'
L = 406.00'
E = 16.37'
P.I. STA. 39+12.52
Δ = 15° 24' 16" (LT)
C = 3° 43' 49"
R = 1,536.00'
T = 207.74'
L = 412.97'
E = 13.98'
I-75S TO BULLOCK STREET
P.I. STA.19+54.15
Δ = 4° 38' 03" (RT)
C = 1° 54' 54"
R = 2,992.00'
T = 121.07'
L = 242.00'
E = 2.45'
P.I. STA. 24+88.68
Δ = 20° 52' 26" (LT)
C = 5° 45' 46"
R = 1,000.00'
T = 184.20'
L = 364.32'
E = 16.82'
COLLECTOR TO JILLIANS WAY
P.I. STA. 11+55.70
Δ = 11° 57' 45" (RT)
C = 5° 45' 46"
R = 1,000.00'
T = 104.77'
L = 208.79'
E = 5.47'
P.I. STA. 14+12.97
Δ = 16° 15' 09" (LT)
C = 5° 43' 46"
R = 1,000.00'
T = 148.14'
L = 294.13'
E = 10.91'
P.I. STA. 16+94.14
Δ = 12° 15' 54" (RT)
C = 4° 46' 29"
R = 1,200.00'
T = 128.93'
L = 256.88'
E = 6.91'
P.I. STA. 23+49.11
Δ = 4° 16' 59" (RT)
C = 1° 08' 45"
R = 5,000.00'
T = 186.97'
L = 373.76'
E = 3.49'
JILLIANS WAY TO NB COLLECTOR
P.I. STA. 10+63.94
Δ = 7° 12' 32" (RT)
C = 5° 38' 42"
R = 1,015.00'
T = 63.94'
L = 127.70'
E = 2.01'
P.I. STA. 12+30.93
Δ = 6° 33' 02" (LT)
C = 4° 58' 56"
R = 1,150.00'
T = 65.81'
L = 131.48'
E = 1.88'
P.I. STA. 15+52.81
Δ = 3° 49' 34" (RT)
C = 5° 27' 24"
R = 1,050.00'
T = 35.07'
L = 70.12'
E = 0.59'
P.I. STA. 18+76.69
Δ = 2° 11' 06" (LT)
C = 1° 50' 54"
R = 3,100.00'
T = 59.12'
L = 118.22'
E = 0.56'
P.I. STA. 22+99.46
Δ = 1° 36' 59" (RT)
C = 0° 54' 10"
R = 6,345.72'
T = 89.52'
L = 179.02'
E = 0.63'
P.I. STA. 28+21.78
Δ = 8° 02' 20" (RT)
C = 2° 17' 31"
R = 2,500.00'
T = 175.67'
L = 350.76'
E = 6.16'
JILLIANS WAY TO I-75NB
P.I. STA. 14+87.65
Δ = 9° 43' 53" (RT)
C = 5° 43' 46"
R = 1,000.00'
T = 85.13'
L = 169.85'
E = 3.62'
P.I. STA. 22+11.52
Δ = 7° 44' 36" (LT)
C = 4° 46' 29"
R = 1,200.00'
T = 81.21'
L = 162.17'
E = 2.74'
P.I. STA. 26+98.66
Δ = 10° 33' 55" (RT)
C = 4° 46' 29"
R = 1,200.00'
T = 110.95'
L = 221.28'
E = 5.12'
P.I. STA. 28+63.76
Δ = 0° 52' 20" (RT)
C = 0° 48' 25"
R = 7,000.00'
T = 54.05'
L = 108.09'
E = 0.21'
P.I. STA. 33+18.65
Δ = 6° 07' 44" (RT)
C = 0° 46' 00"
R = 7,474.03'
T = 400.12'
L = 799.49'
E = 10.70'
P.I. STA. 38+68.04
Δ = 2° 22' 46" (RT)
C = 0° 47' 35"
R = 7,224.30'
T = 150.03'
L = 300.02'
E = 1.56'
S15° 22' 21.00"E
S15° 22' 21.02"E
S37° 54' 26.93"W
S22° 55' 08.54"W
S2° 33' 35.73"W
N2° 03' 10.55"W
N11° 55' 56.89"W
N11° 55' 51.29"W
N11° 55' 51.29"W
N11° 55' 25.49"W
N11° 55' 25.50"W
N11° 55' 25.49"W
N11° 55' 25.49"W
N11° 55' 25.49

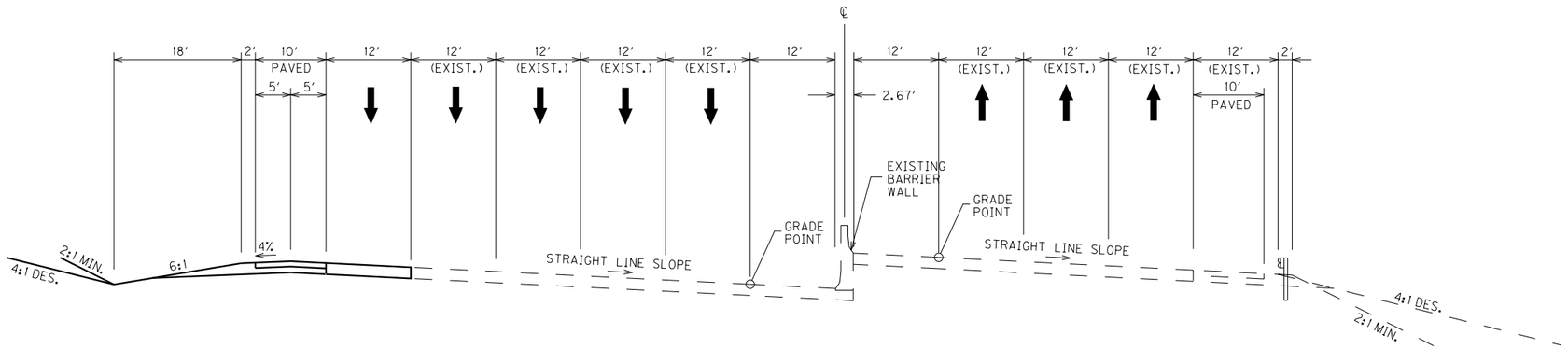
COUNTY OF	ITEM NO.	SHEET NO.
KENTON		2

TYPICAL SECTIONS



I-75 NORMAL SECTION

8 LANES



I-75 SUPERELEVATED SECTION

8 LANES

DATE
DATE
CHECKED BY
APPROVED BY

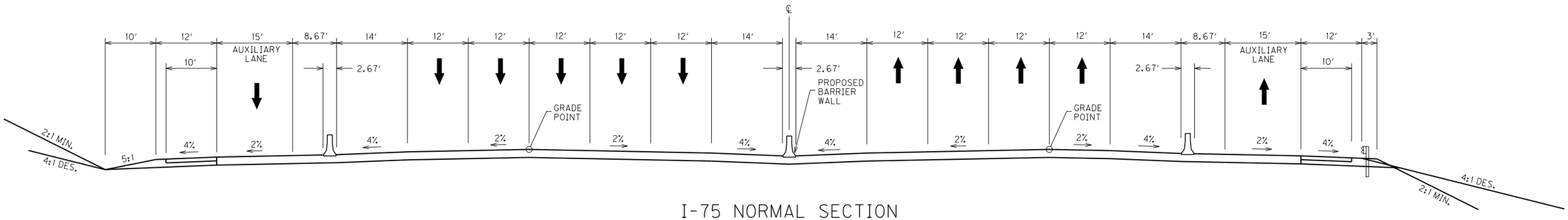
E-SHEET NAME:

SCALE: N.T.S

ALTERNATE E
TYPICAL SECTIONS

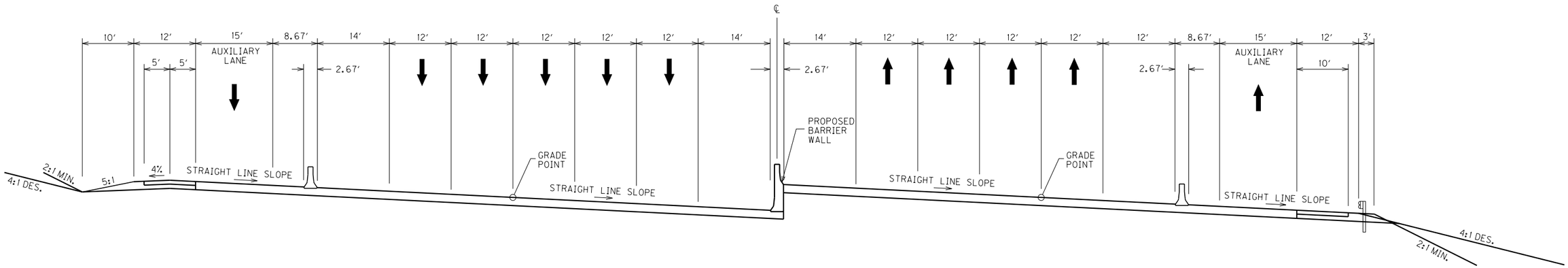
COUNTY OF	ITEM NO.	SHEET NO.
KENTON		3

TYPICAL SECTIONS



I-75 NORMAL SECTION

9 LANES



I-75 SUPERELEVATED SECTION

9 LANES

DATE
DATE
CHECKED BY
APPROVED BY

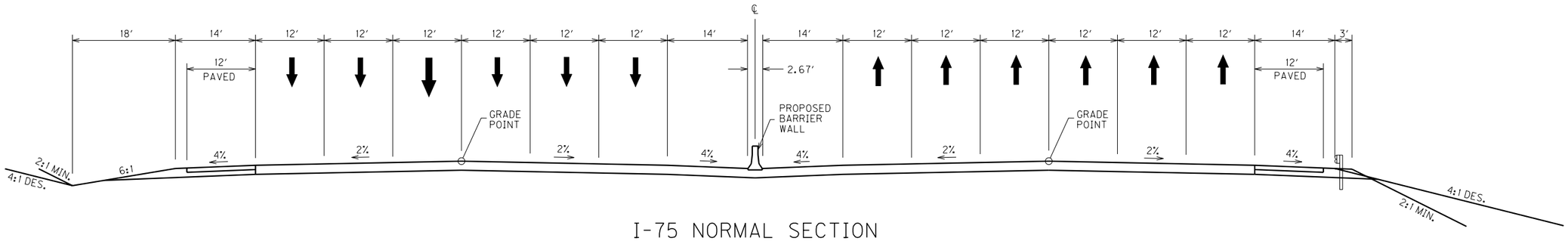
E-SHEET NAME:

SCALE: N.T.S.

ALTERNATE E
TYPICAL SECTIONS

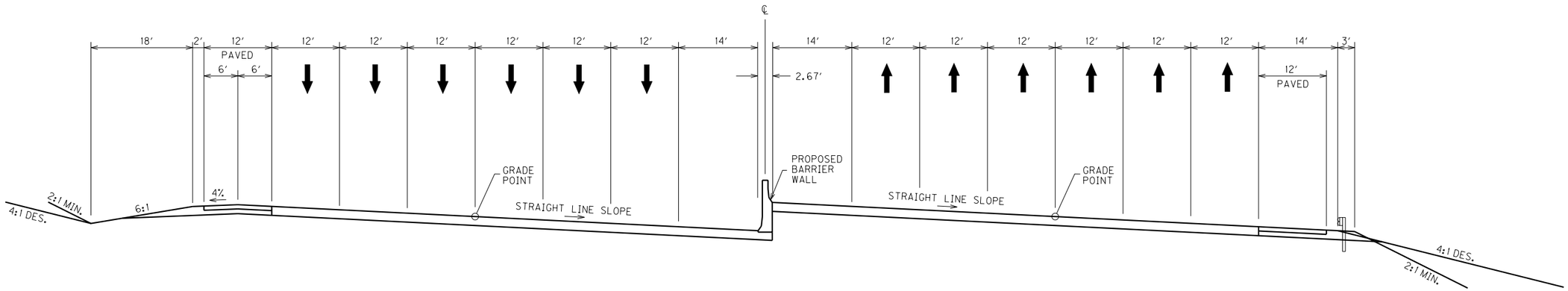
COUNTY OF	ITEM NO.	SHEET NO.
KENTON		4

TYPICAL SECTIONS



I-75 NORMAL SECTION

12 LANES



I-75 SUPERELEVATED SECTION

12 LANES

SCALE: N.T.S.

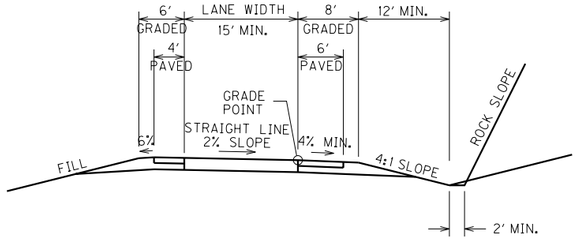
ALTERNATE E
TYPICAL SECTIONS

DATE
DATE
CHECKED BY
APPROVED BY
E-SHEET NAME:

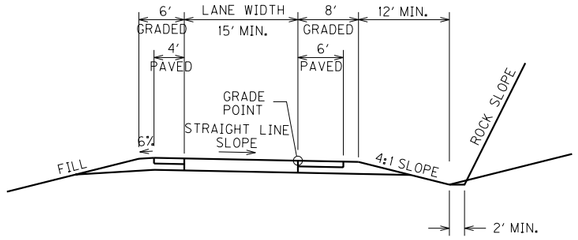
COUNTY OF	ITEM NO.	SHEET NO.
KENTON		5

TYPICAL SECTIONS

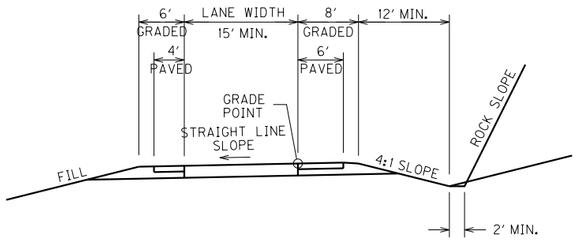
ONE LANE RAMPS



NORMAL SECTION

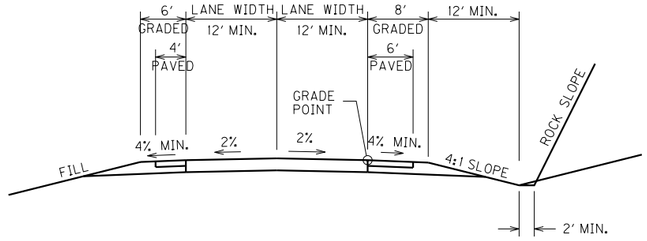


SUPERELEVATED RIGHT

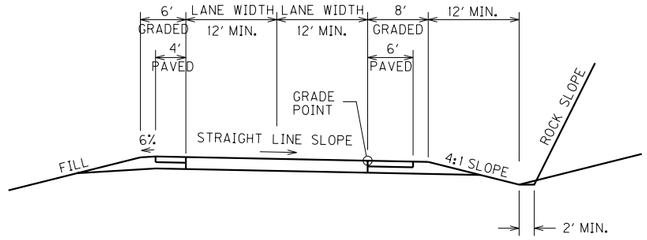


SUPERELEVATED LEFT

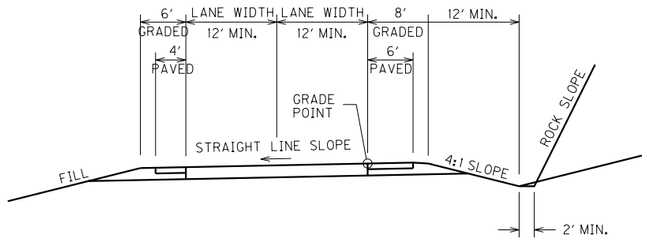
TWO LANE RAMPS



NORMAL SECTION



SUPERELEVATED RIGHT



SUPERELEVATED LEFT

DATE
DATE
CHECKED BY
APPROVED BY

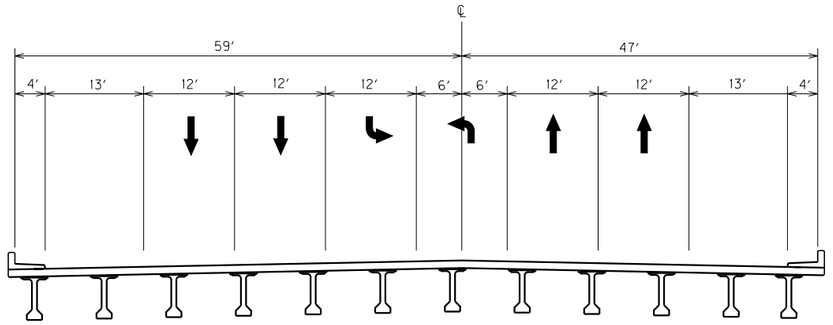
E-SHEET NAME:

SCALE: N.T.S.

ALTERNATE E
TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		6

TYPICAL SECTIONS



BRIDGE TYPICAL SECTION

KYLES LANE

DATE
DATE
CHECKED BY
APPROVED BY

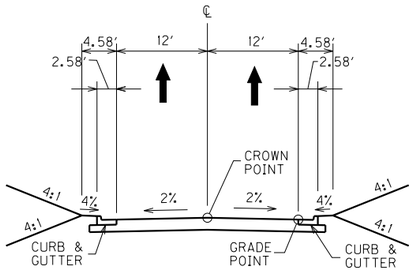
E-SHEET NAME:

SCALE: N.T.S.

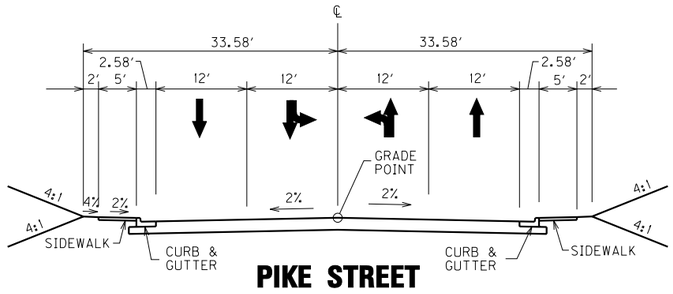
ALTERNATE E
TYPICAL SECTIONS

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		7

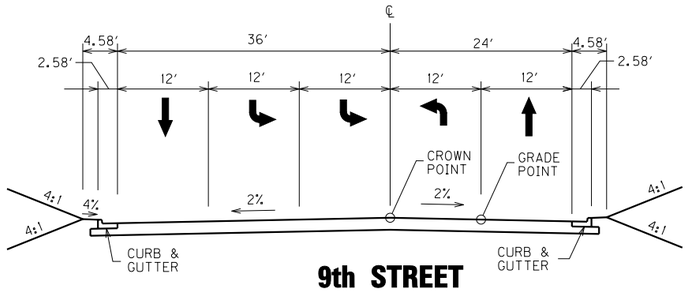
TYPICAL SECTIONS



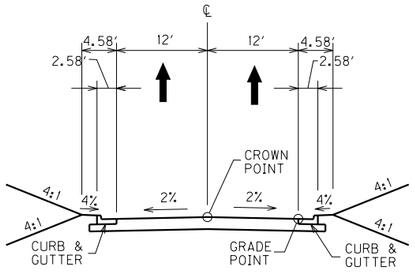
JILLIANS WAY



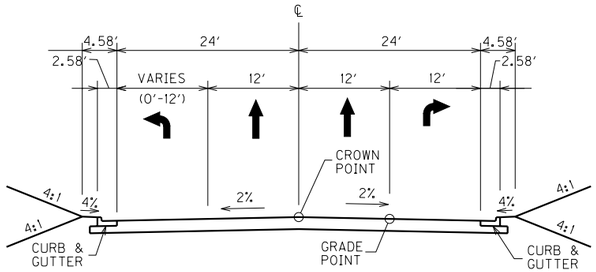
PIKE STREET



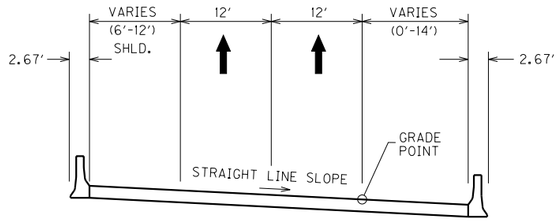
9th STREET



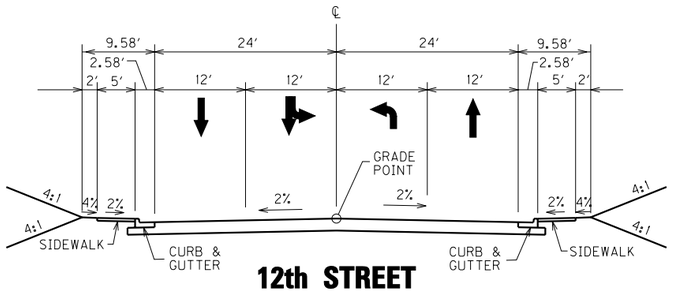
12th STREET
TO I–75S



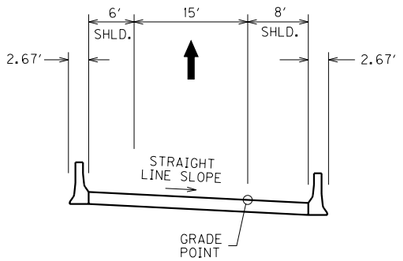
BULLOCK STREET



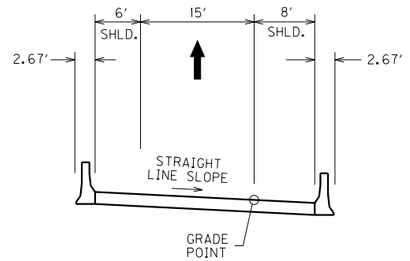
I–71N



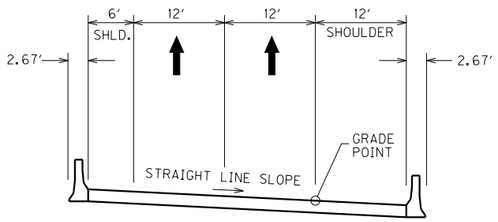
12th STREET



NORTH BOUND COLLECTOR
TO JILLIANS WAY



JILLIANS WAY
TO I–75N



NORTH BOUND COLLECTOR
NORMAL & SUPERELELVATED SECTION

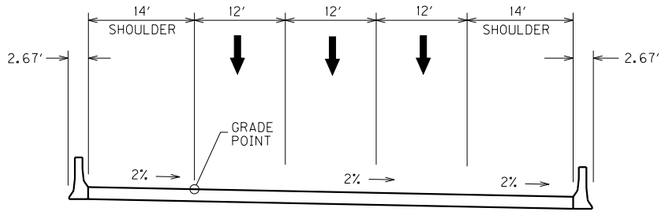
SCALE: N.T.S.

ALTERNATE E
TYPICAL SECTIONS

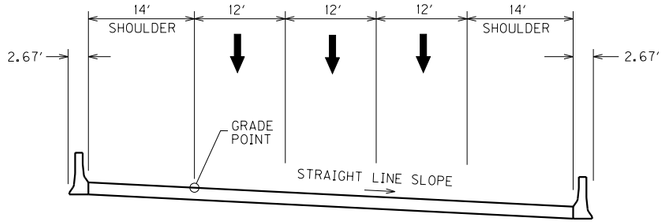
DATE
DATE
CHECKED BY
APPROVED BY
E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		8

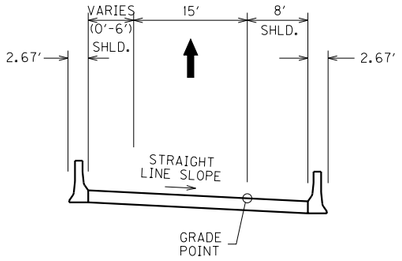
TYPICAL SECTIONS



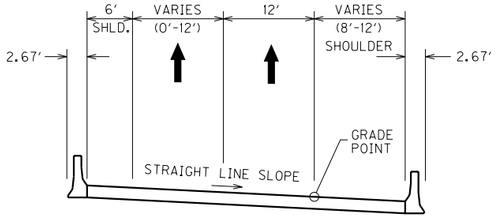
I–71S
NORMAL



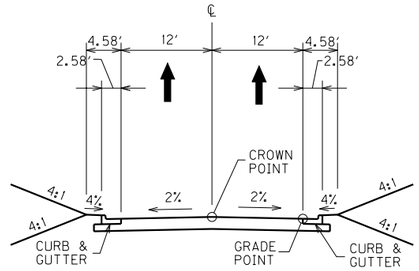
I–71S
SUPERELEVATED



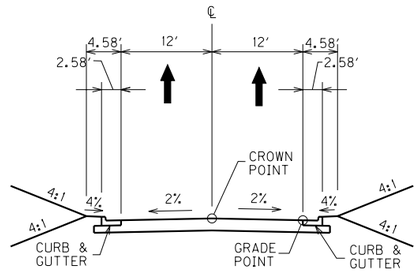
SOUTH BOUND COLLECTOR
TO I–75S



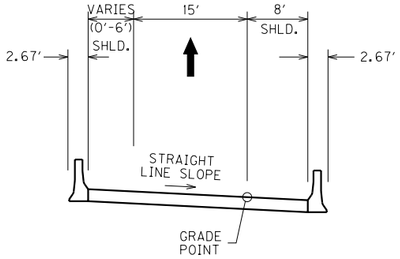
SOUTH BOUND COLLECTOR
TO BULLOCK STREET



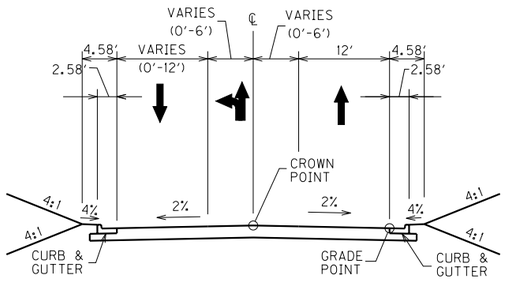
5th STREET



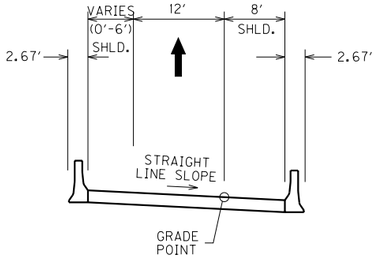
4th STREET



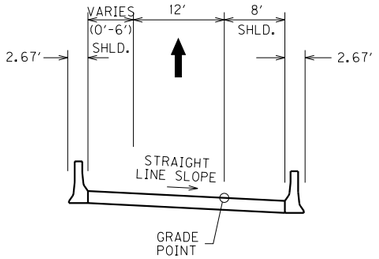
JILLIANS WAY TO
NORTH BOUND CONNECTOR



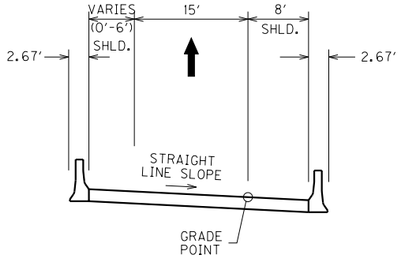
CRESCENT AVENUE
TO I–71N



I–75S TO
BULLOCK STREET



I–71S TO
BULLOCK STREET



CRESCENT AVENUE
TO I–71N

SCALE: N.T.S.

ALTERNATE E
TYPICAL SECTIONS

DATE
DATE
CHECKED BY
APPROVED BY
E-SHEET NAME:



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

PLAN

LEGEND

- EXISTING R/W
- CONSTRUCTION LIMITS
- BRIDGE OUTLINE
- RETAINING WALLS
- REGIONAL RAIL PLAN (NOT PART OF PROJECT)



BRENT SPENCE BRIDGE
REPLACEMENT STUDY

ALTERNATIVE E

PLAN

LEGEND

- EXISTING R/W
- CONSTRUCTION LIMITS
- BRIDGE OUTLINE
- RETAINING WALLS
- REGIONAL RAIL PLAN (NOT PART OF PROJECT)

PB

HDR



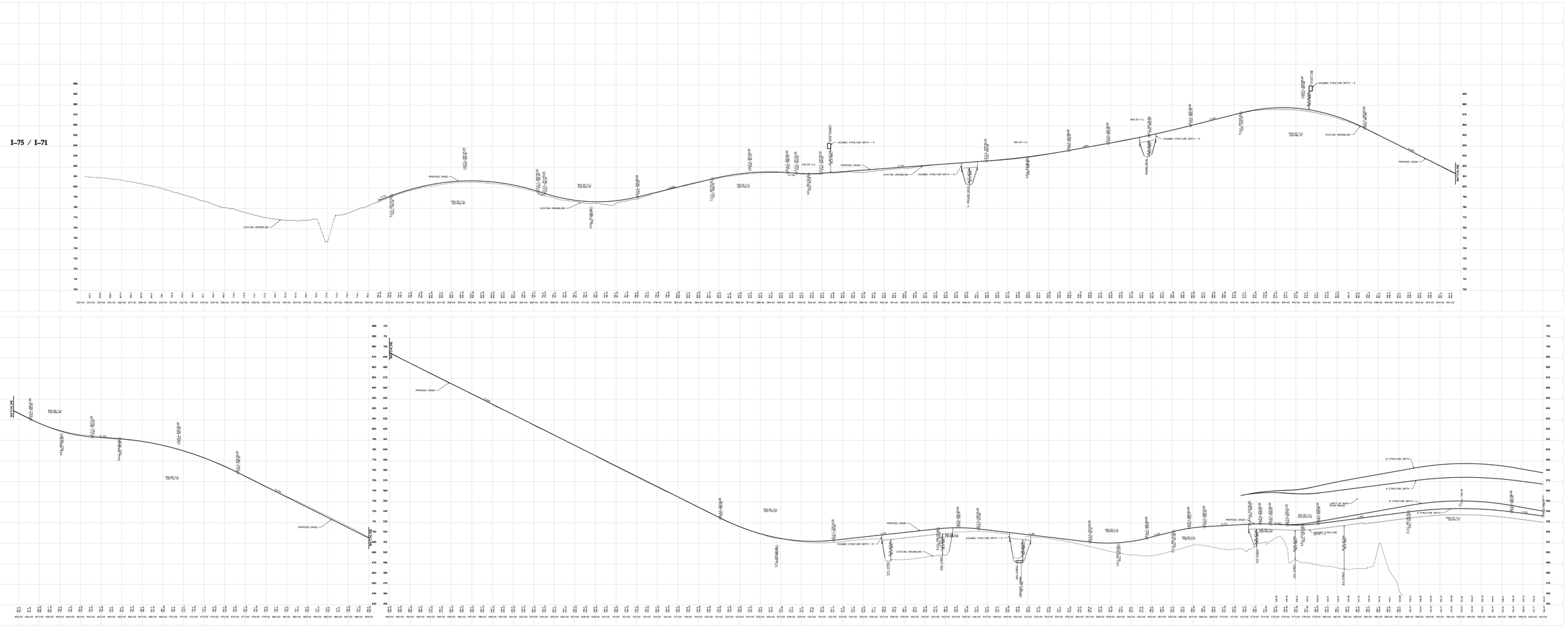
BRENT SPENCE BRIDGE
REPLACEMENT STUDY

ALTERNATIVE E

PLAN

LEGEND

- EXISTING R/W
- CONSTRUCTION LIMITS
- BRIDGE OUTLINE
- RETAINING WALLS
- REGIONAL RAIL PLAN (NOT PART OF PROJECT)



BRENT SPENCE BRIDGE REPLACEMENT STUDY

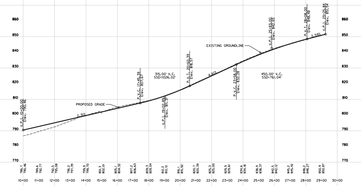
ALTERNATIVE E

PROFILES

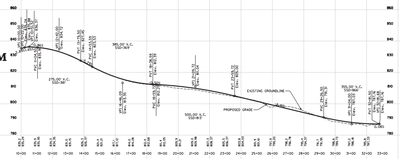
SCALE

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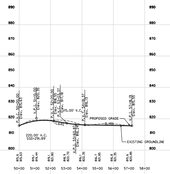
NB EXIT TO DIXIE HIGHWAY



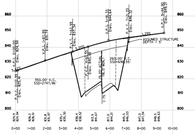
SB ENTRANCE FROM DIXIE HIGHWAY



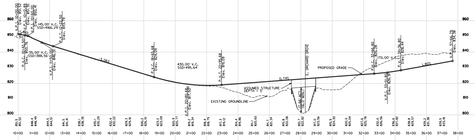
SLIP RAMP TO NB COLLECTOR



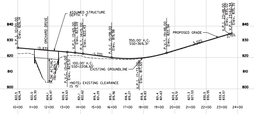
DIXIE HIGHWAY



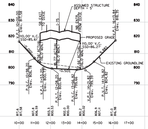
NB ENTRANCE FROM DIXIE HIGHWAY



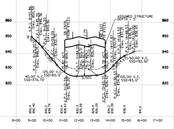
SB EXIT TO DIXIE HIGHWAY



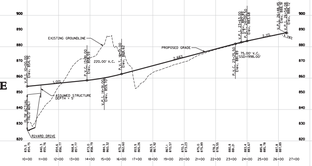
ORCHARD ROAD



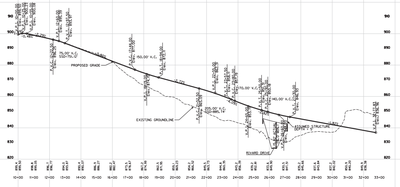
RIVARD DRIVE



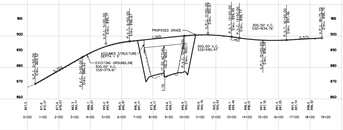
NB EXIT TO KYLES LANE



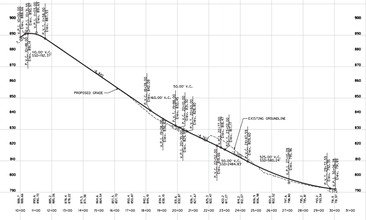
SB ENTRANCE FROM KYLES LANE



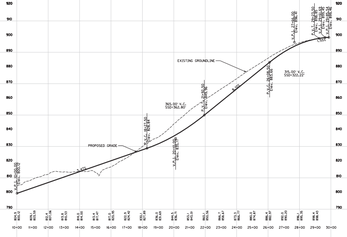
KYLES LANE



NB ENTRANCE FROM KYLES LANE



SB EXIT TO KYLES LANE



BRENT SPENCE BRIDGE REPLACEMENT STUDY

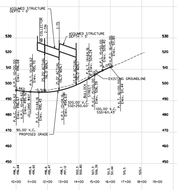
ALTERNATIVE E

PROFILES

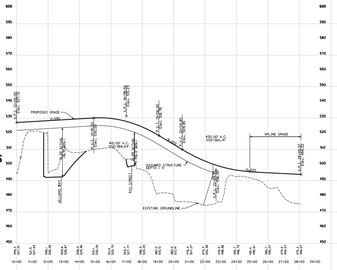
SCALE

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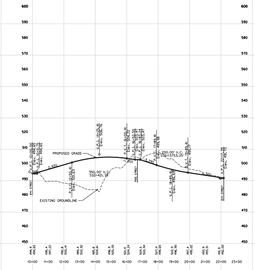
PIKE STREET



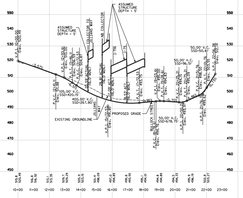
COLLECTOR TO JILLIANS WAY



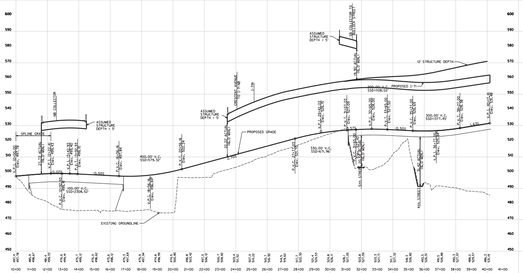
BULLOCK STREET



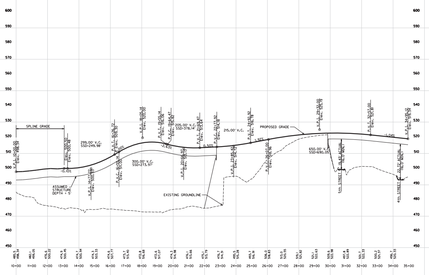
9th STREET



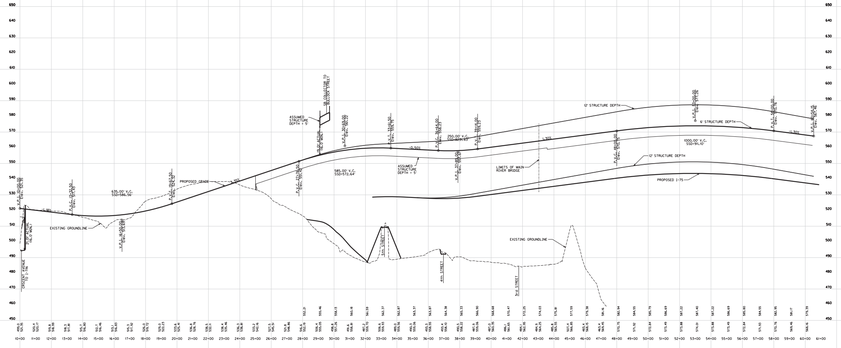
JILLIANS WAY TO I-75 NB



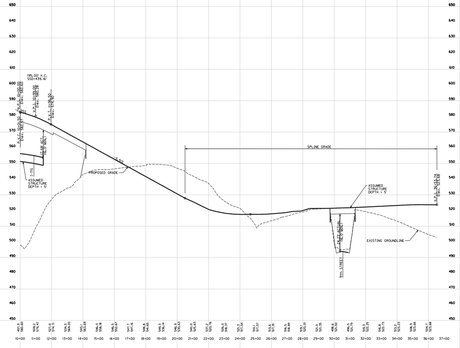
JILLIANS WAY TO NB COLLECTOR



I-71 SB



SB COLLECTOR TO I-75



BRENT SPENCE BRIDGE REPLACEMENT STUDY

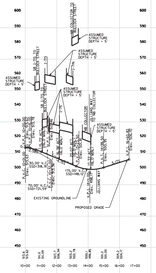
ALTERNATIVE E

PROFILES

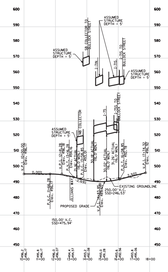
SCALE

0 200 400 600

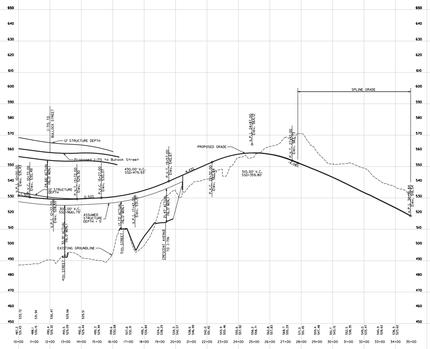
5th STREET



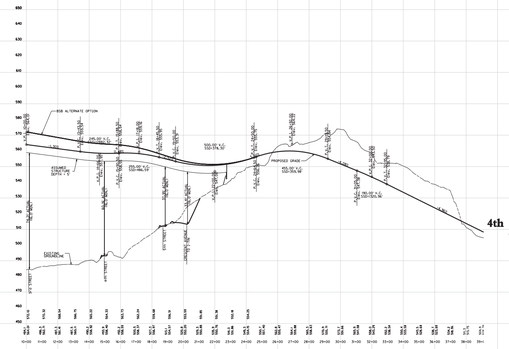
4th STREET



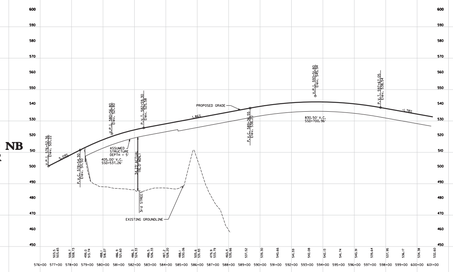
SB I-75 TO BULLOCK STREET



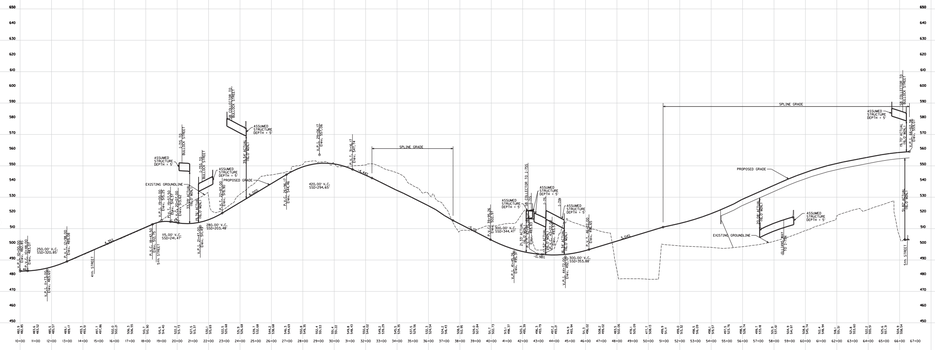
SB I-71 TO BULLOCK STREET



4th STREET TO NB COLLECTOR



CRESENT AVENUE TO I-71 NB



SB COLLECTOR TO BULLOCK STREET



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

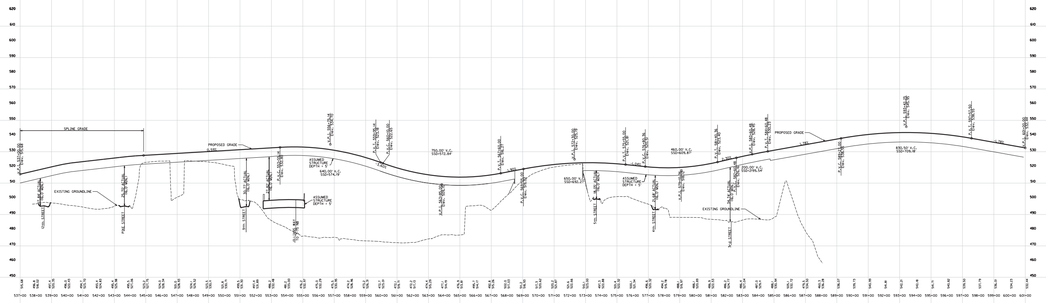
PROFILES

SCALE

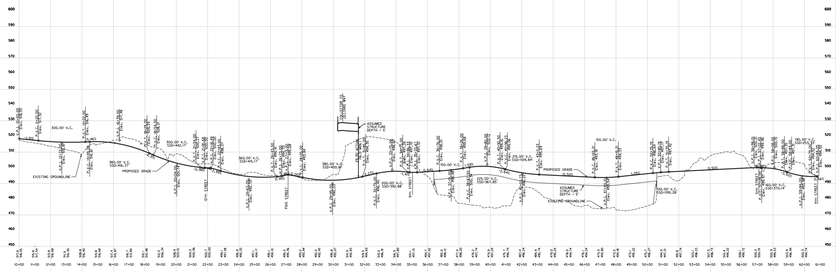
0 200 400 600

HDR

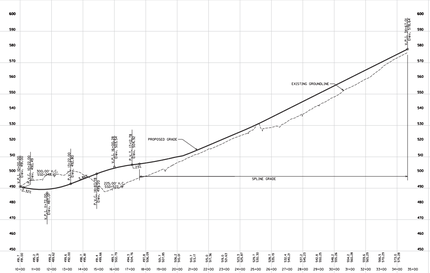
NB COLLECTOR



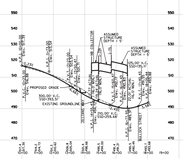
JILLIANS WAY



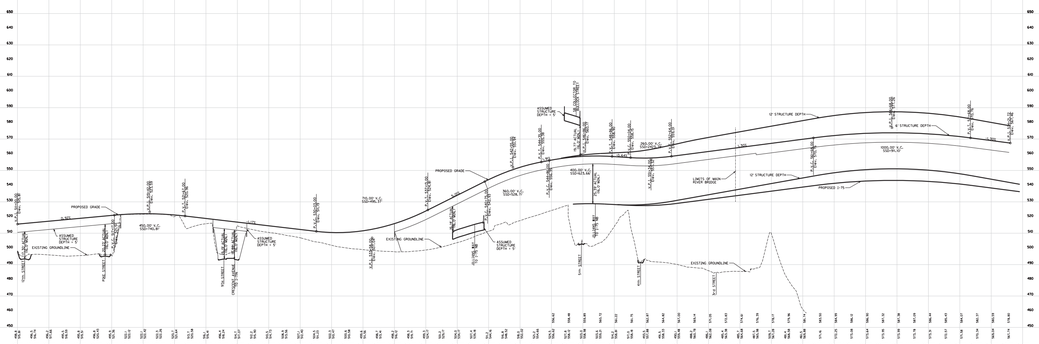
12th STREET TO I-75 SB



12th STREET



I-71 NB



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

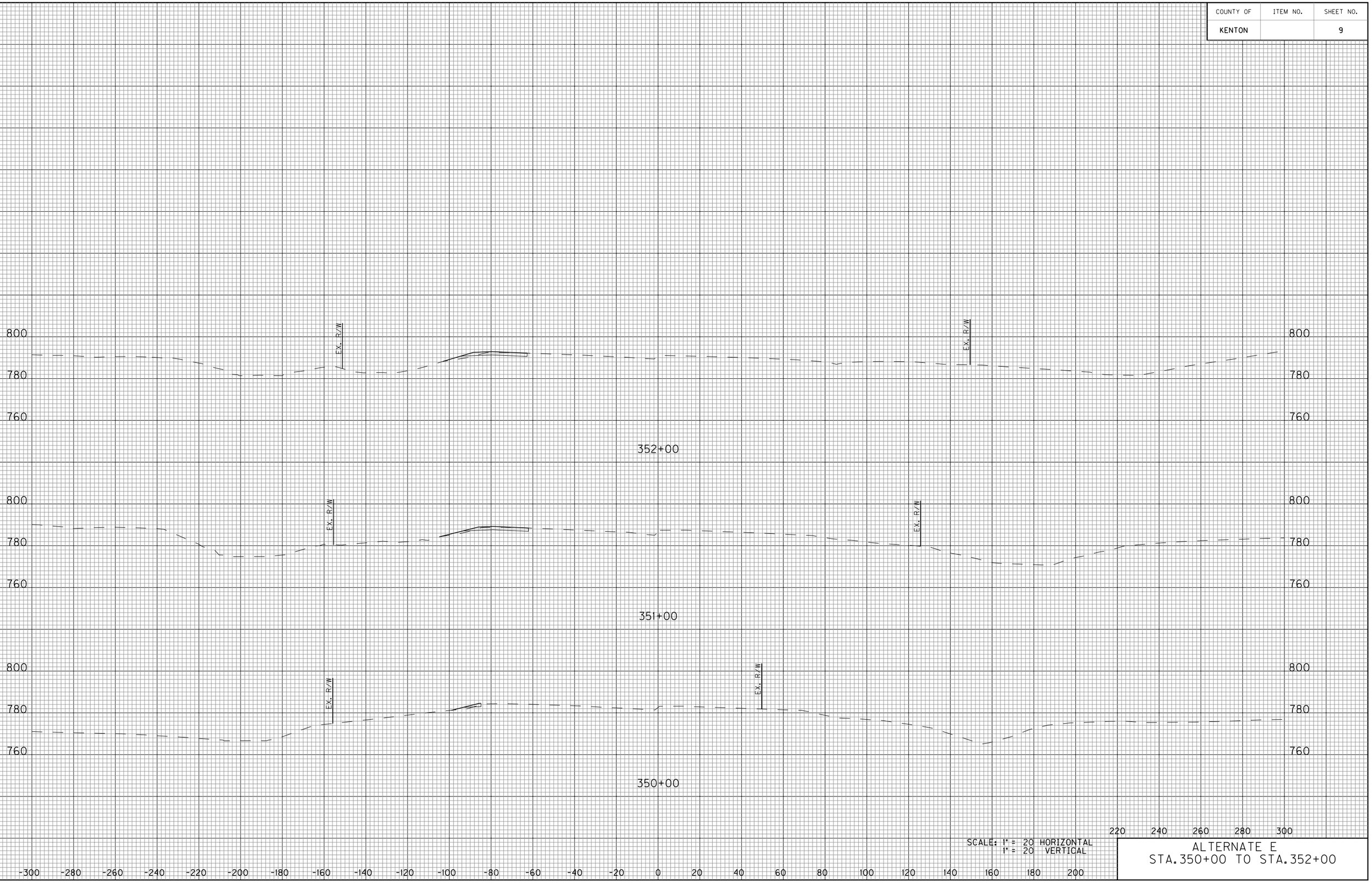
PROFILES

SCALE

0 200 400 600

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		9

DATE
DATE
CHECKED BY
APPROVED BY



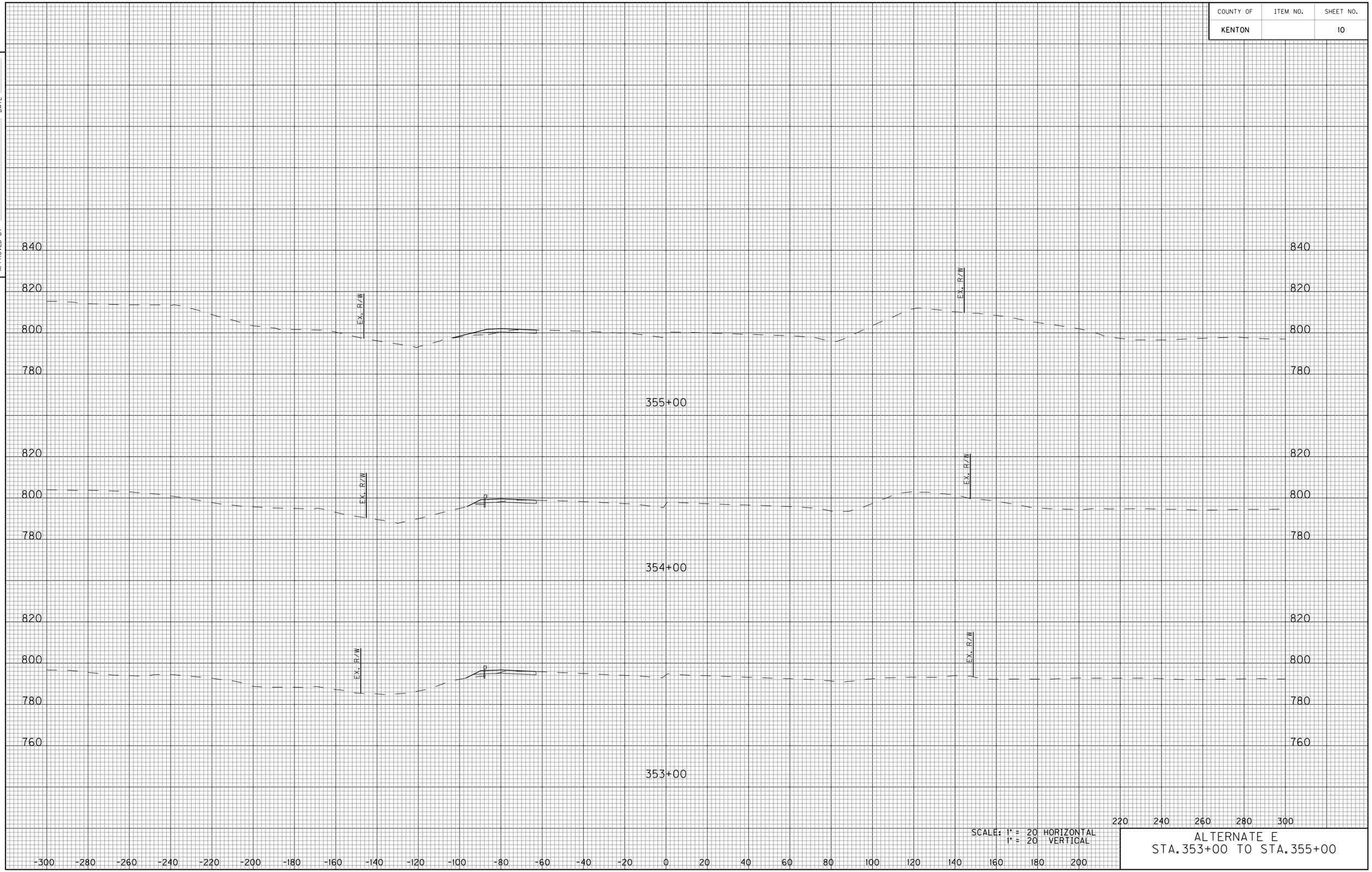
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.350+00 TO STA.352+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		10

DATE
DATE
CHECKED BY
APPROVED BY



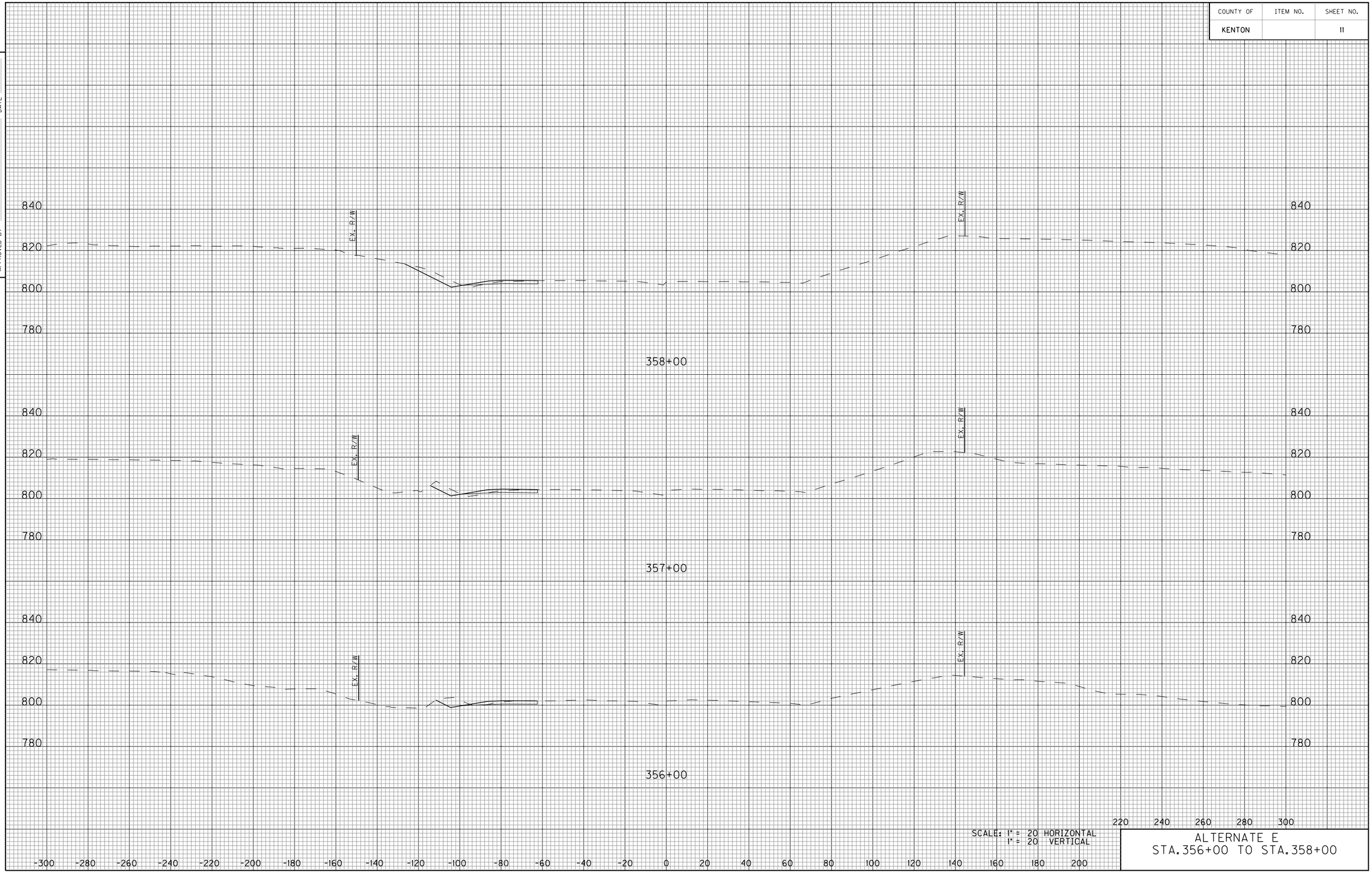
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.353+00 TO STA.355+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		11

DATE
DATE
CHECKED BY
APPROVED BY



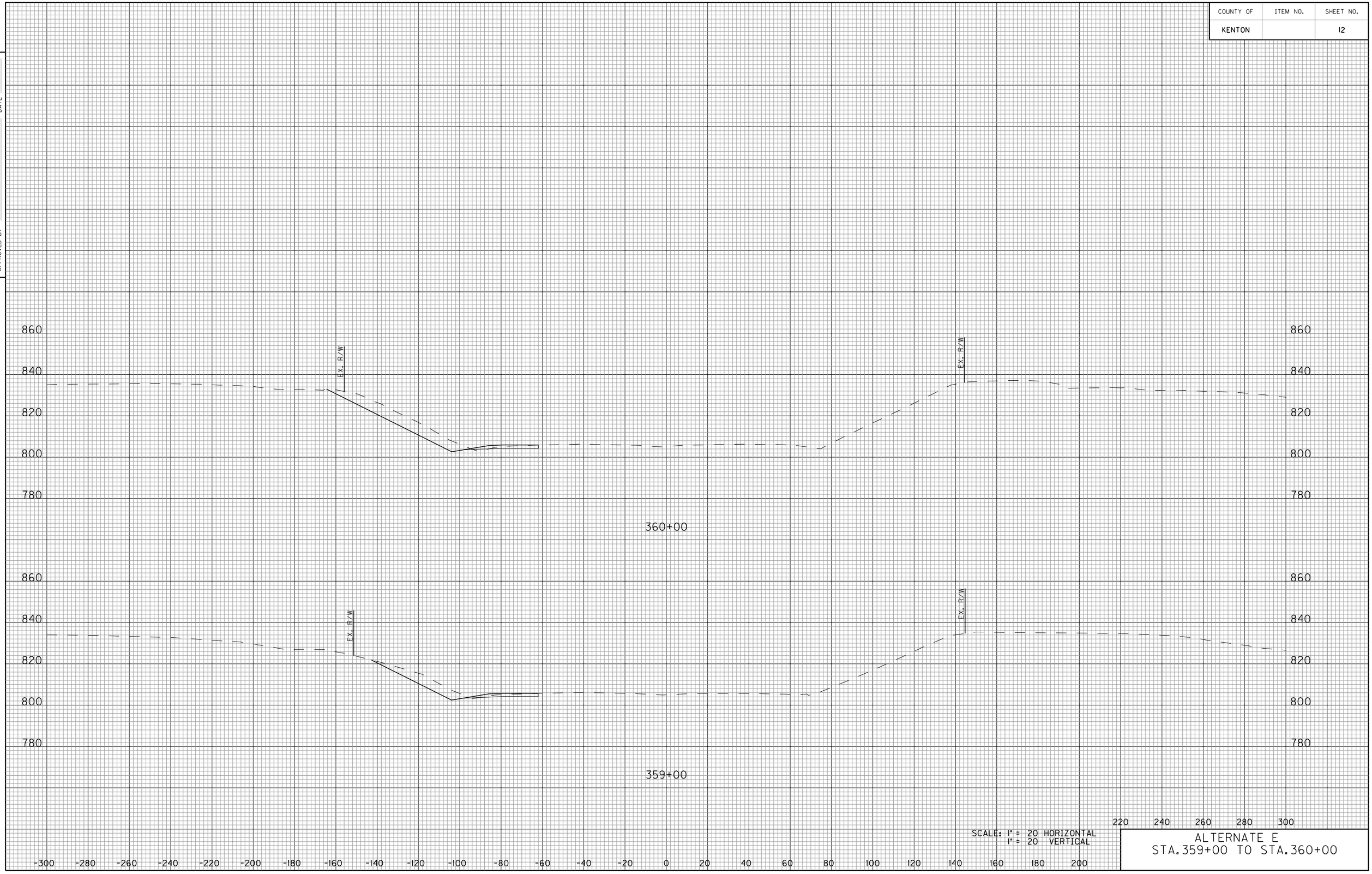
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.356+00 TO STA.358+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		12

DATE
DATE
CHECKED BY
APPROVED BY



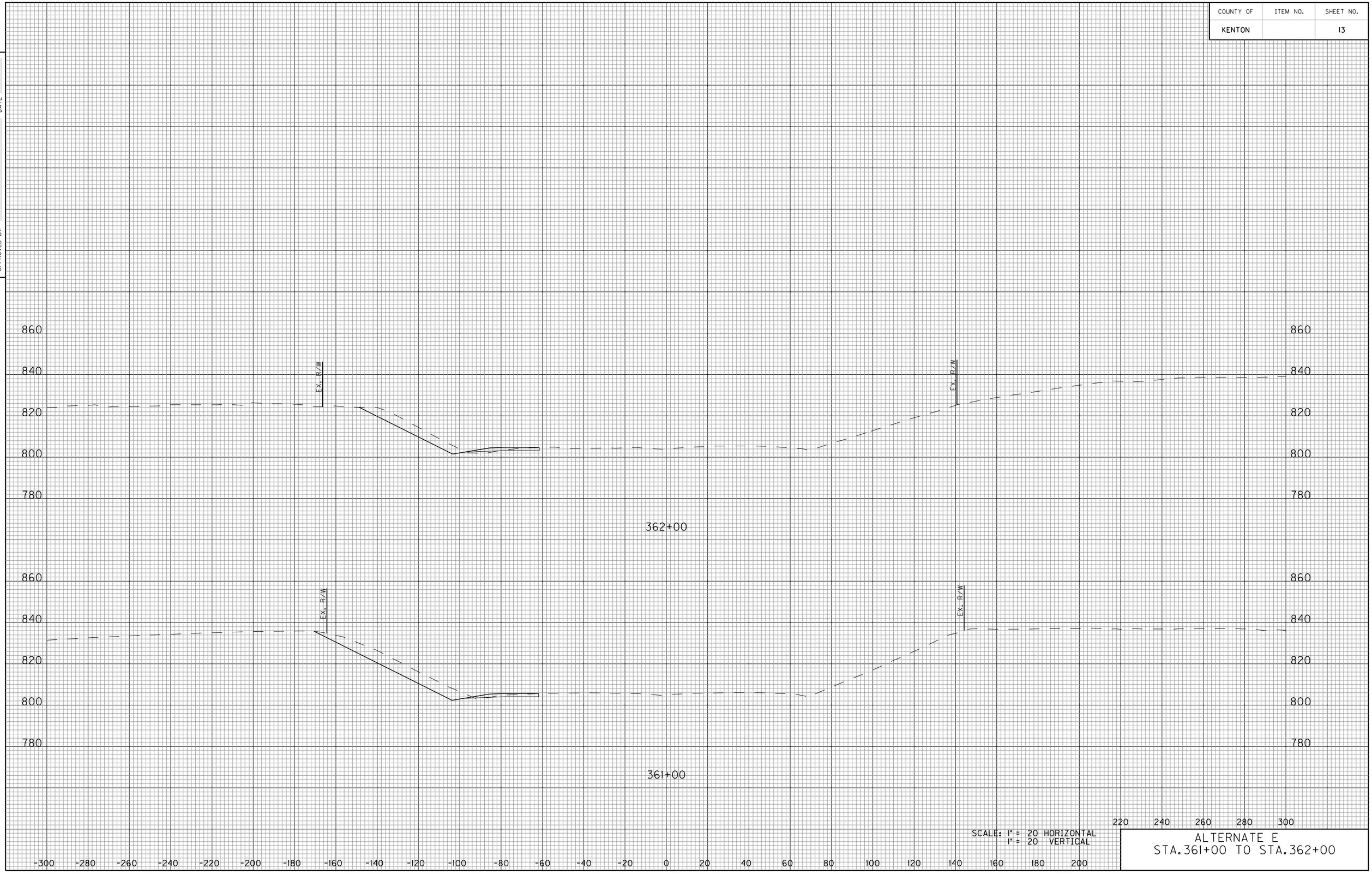
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.359+00 TO STA.360+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		13

DATE
DATE
CHECKED BY
APPROVED BY



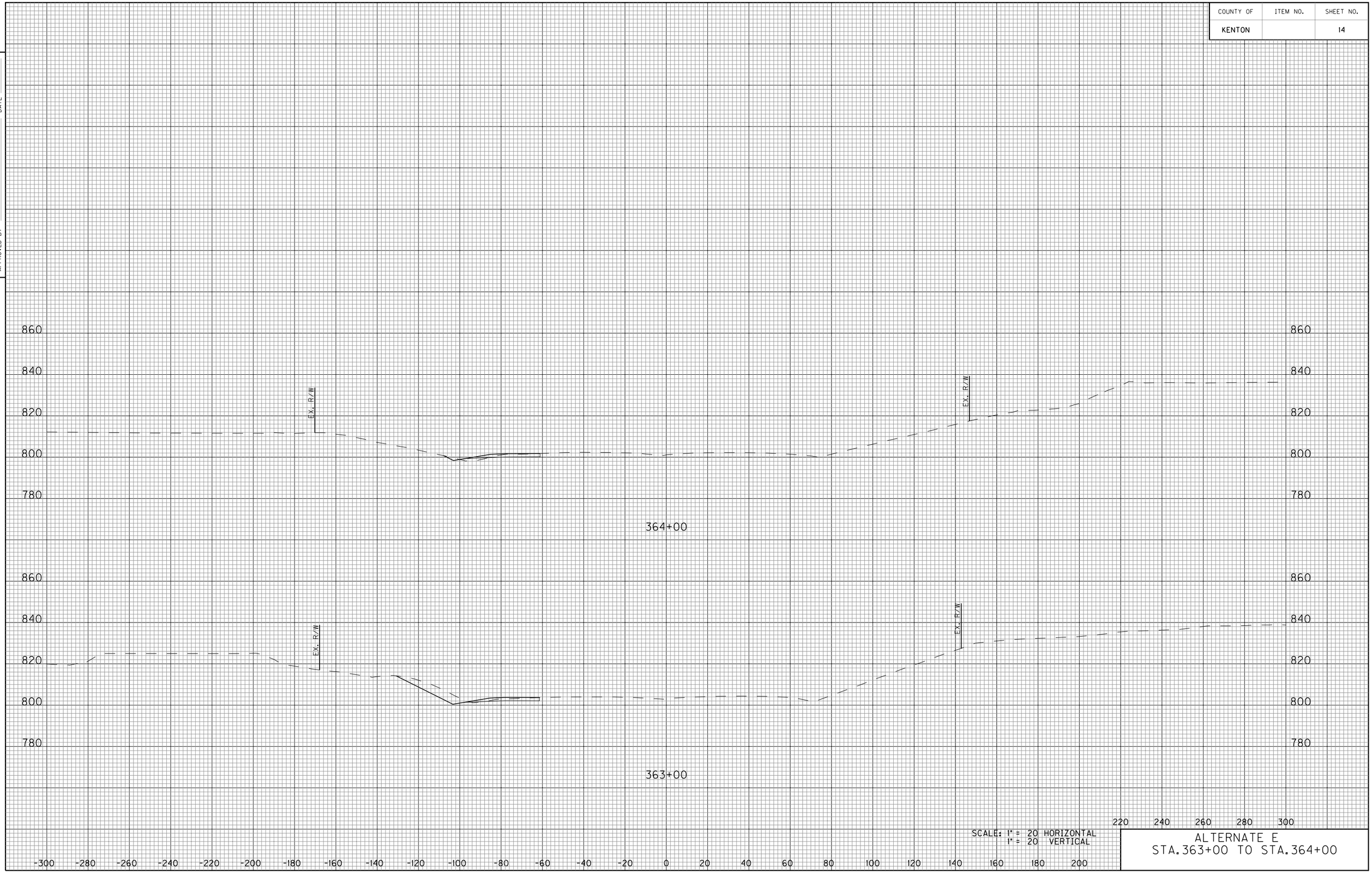
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.361+00 TO STA.362+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		14

DATE
DATE
CHECKED BY
APPROVED BY



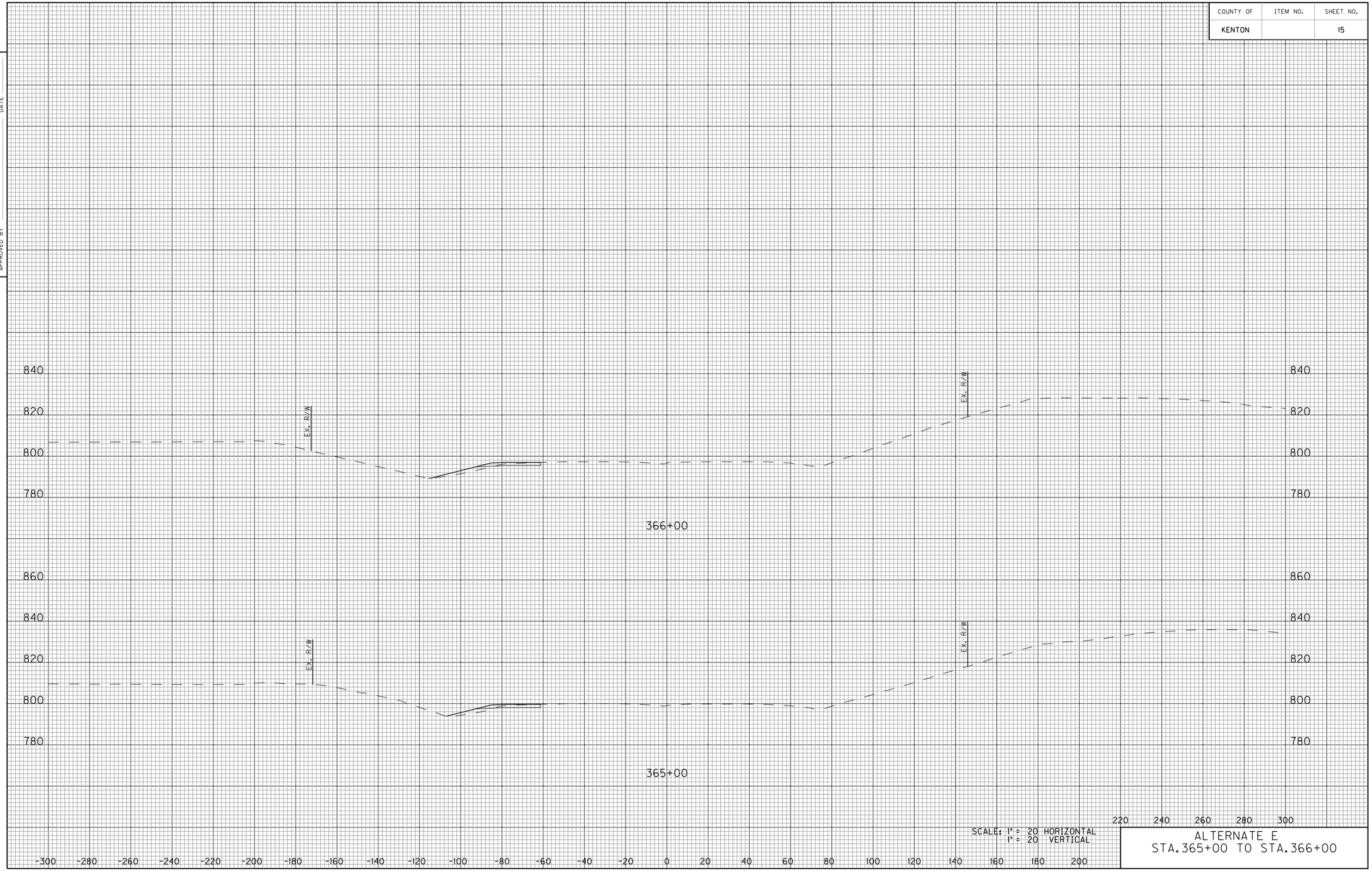
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.363+00 TO STA.364+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		15

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.365+00 TO STA.366+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		16

DATE
DATE
CHECKED BY
APPROVED BY

840
820
800
780
760

EX. R/W
EX. R/W
EX. R/W

368+00
367+00

-300 -280 -260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

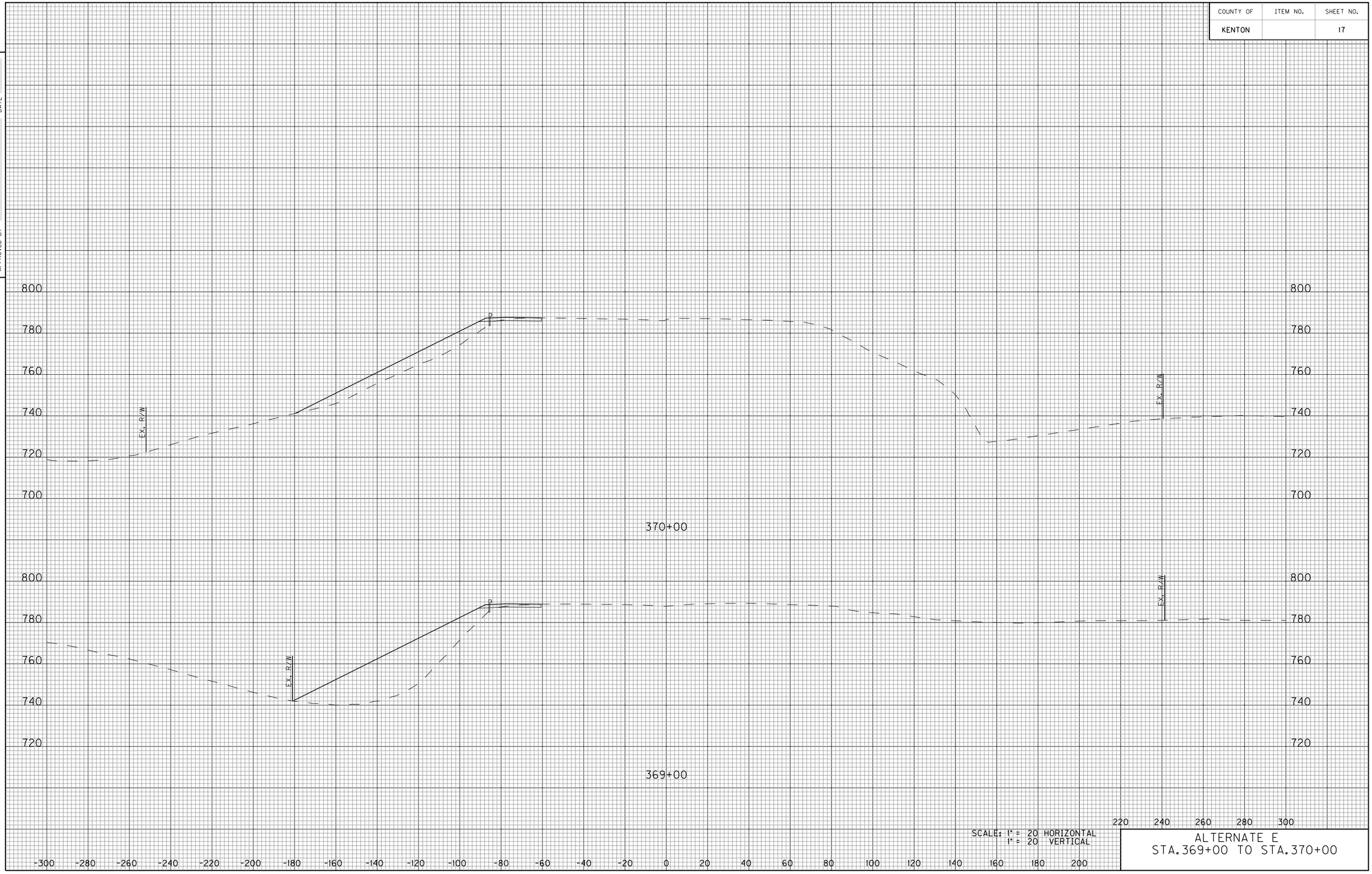
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.367+00 TO STA.368+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		17

DATE
DATE
CHECKED BY
APPROVED BY



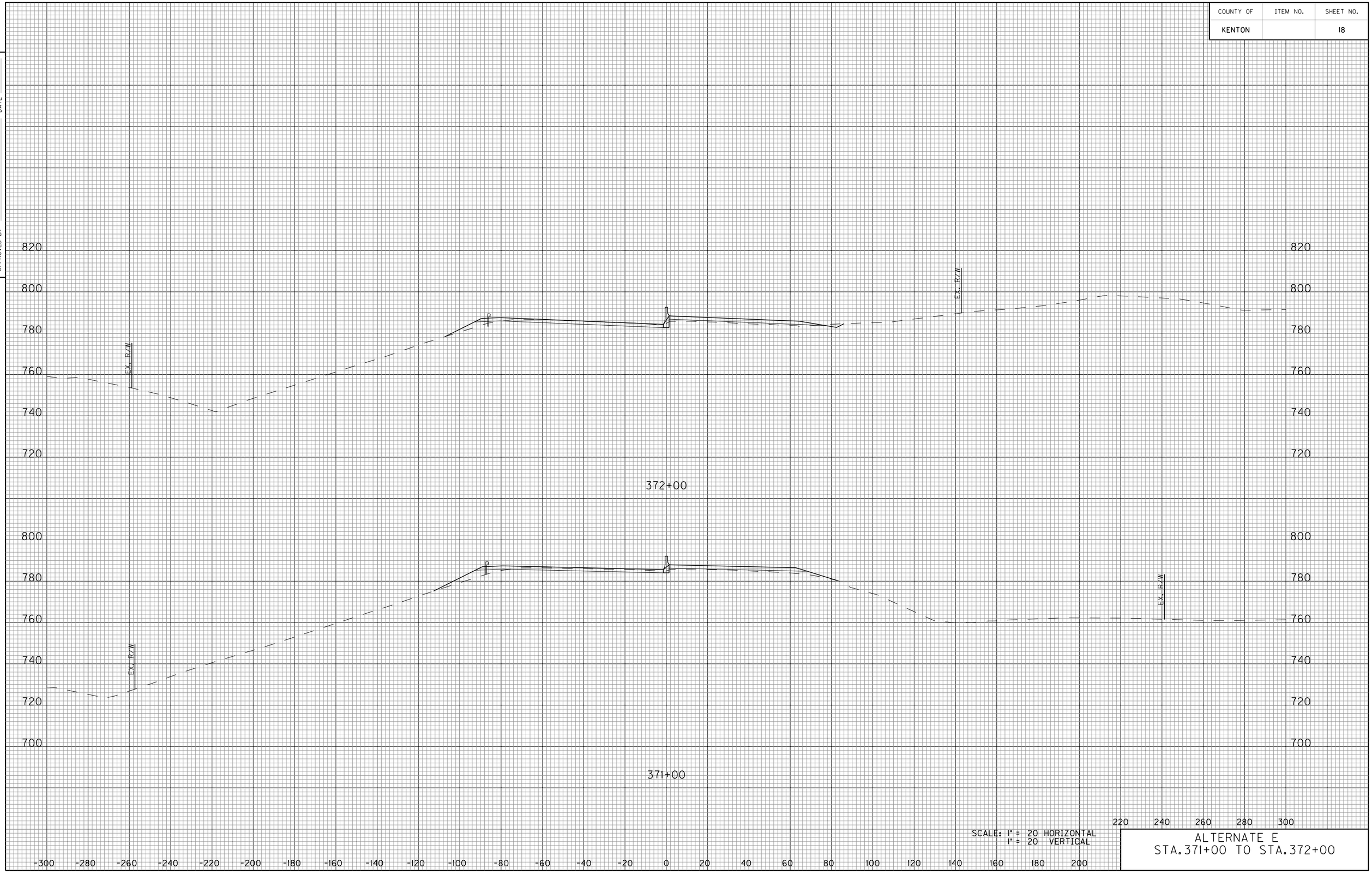
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.369+00 TO STA.370+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		18

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.371+00 TO STA.372+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		19

DATE
DATE
CHECKED BY
APPROVED BY



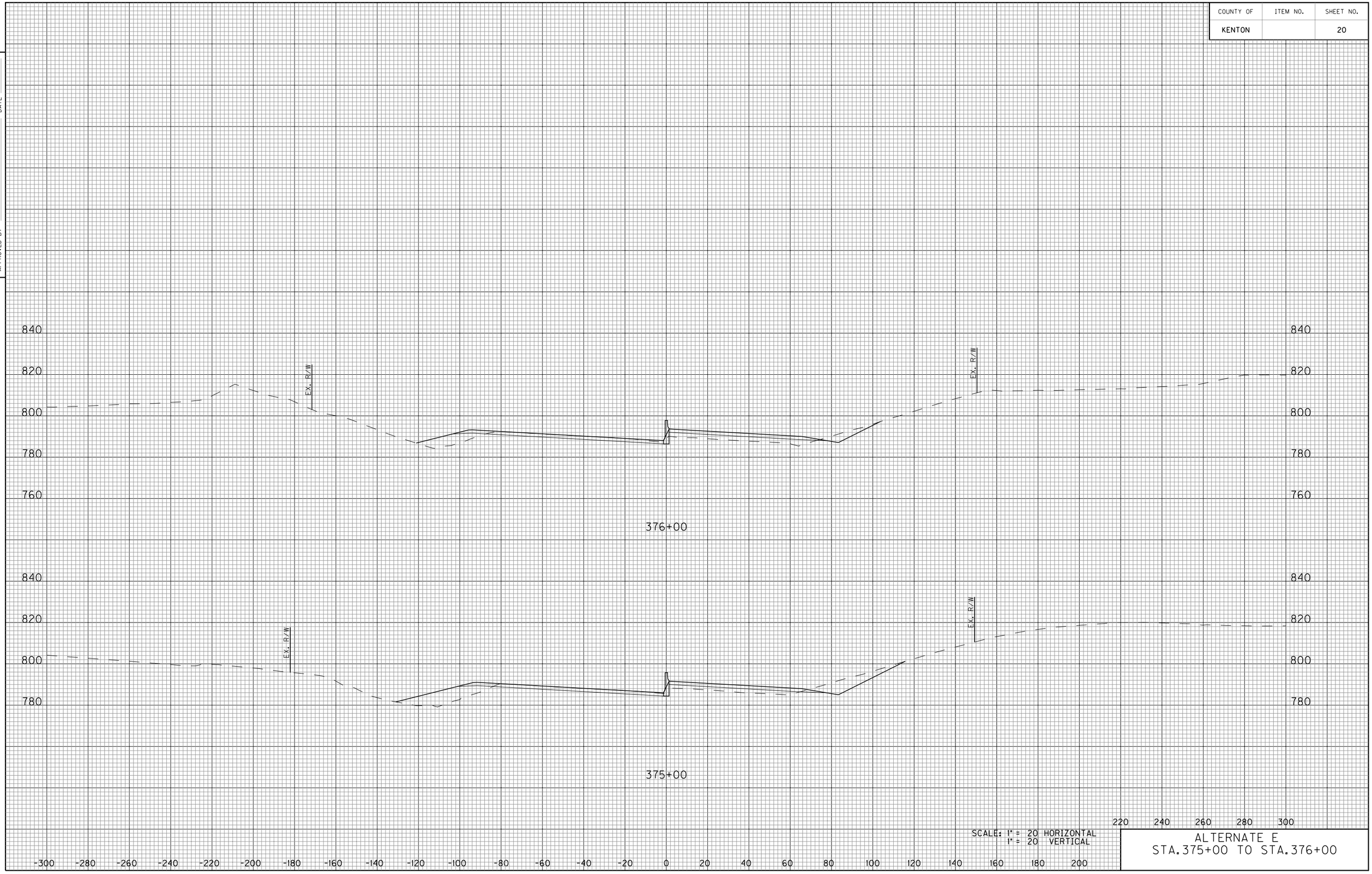
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.373+00 TO STA.374+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		20

DATE
DATE
CHECKED BY
APPROVED BY



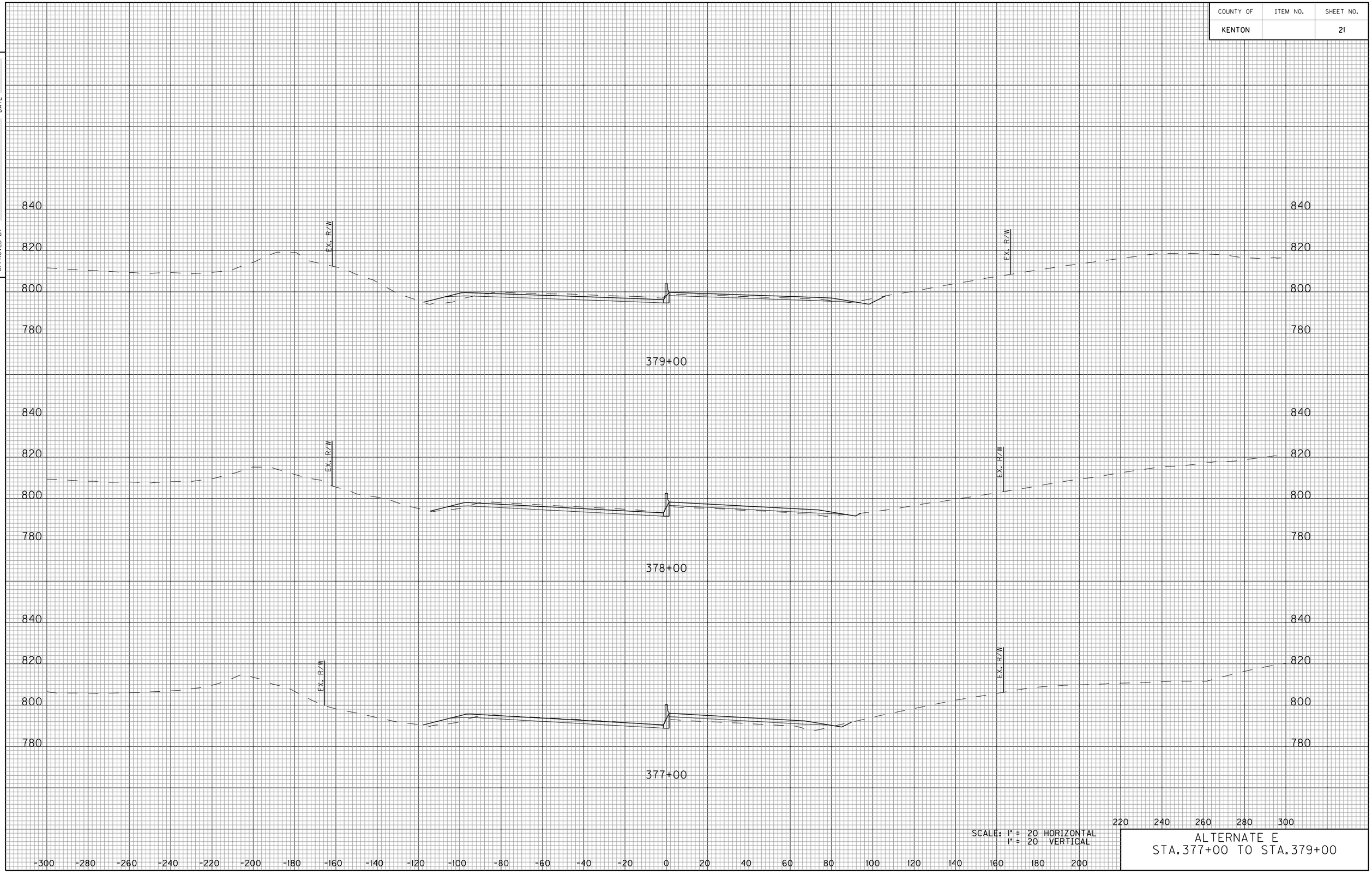
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.375+00 TO STA.376+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		21

DATE
DATE
CHECKED BY
APPROVED BY



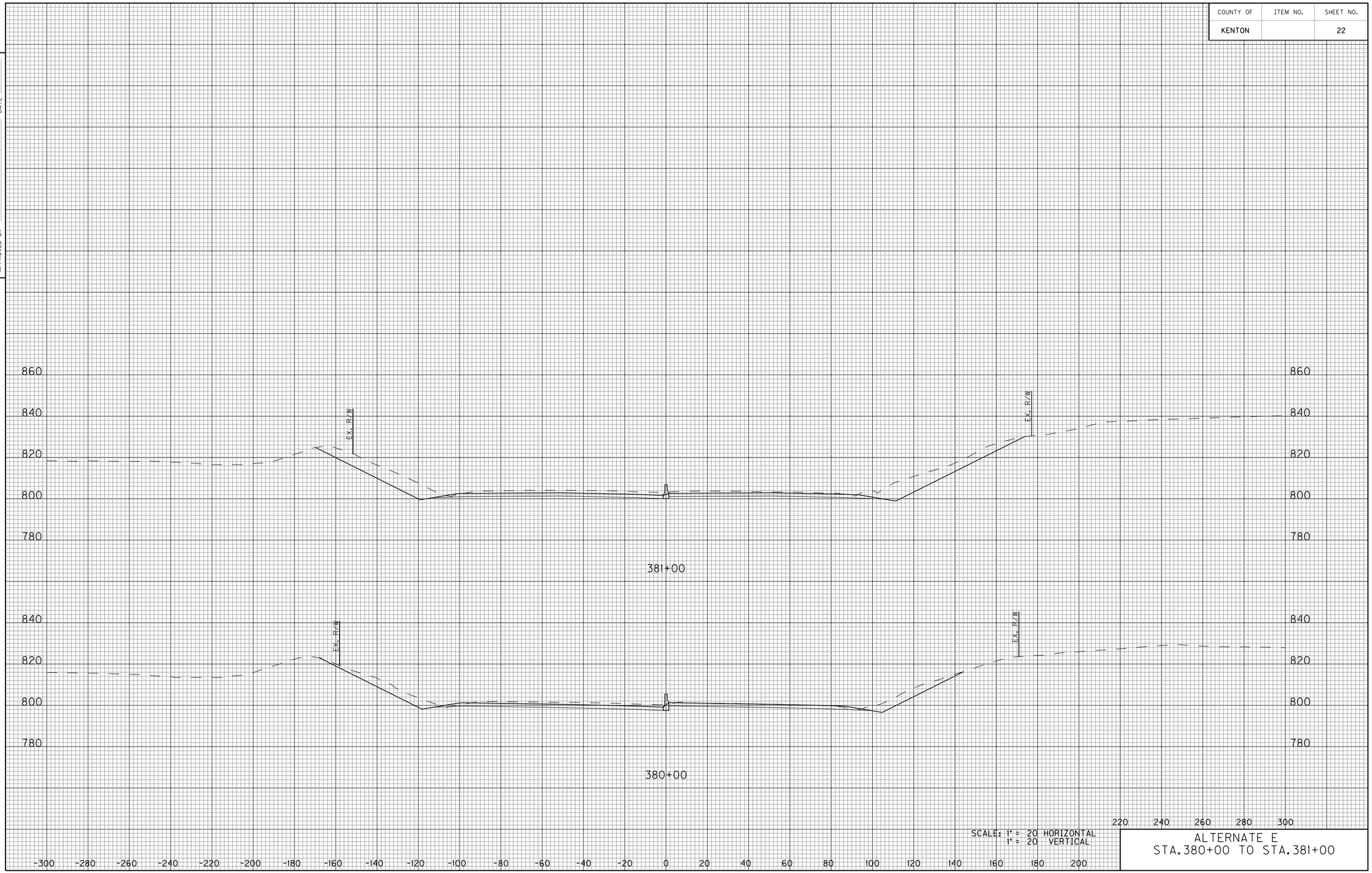
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.377+00 TO STA.379+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		22

DATE
DATE
CHECKED BY
APPROVED BY



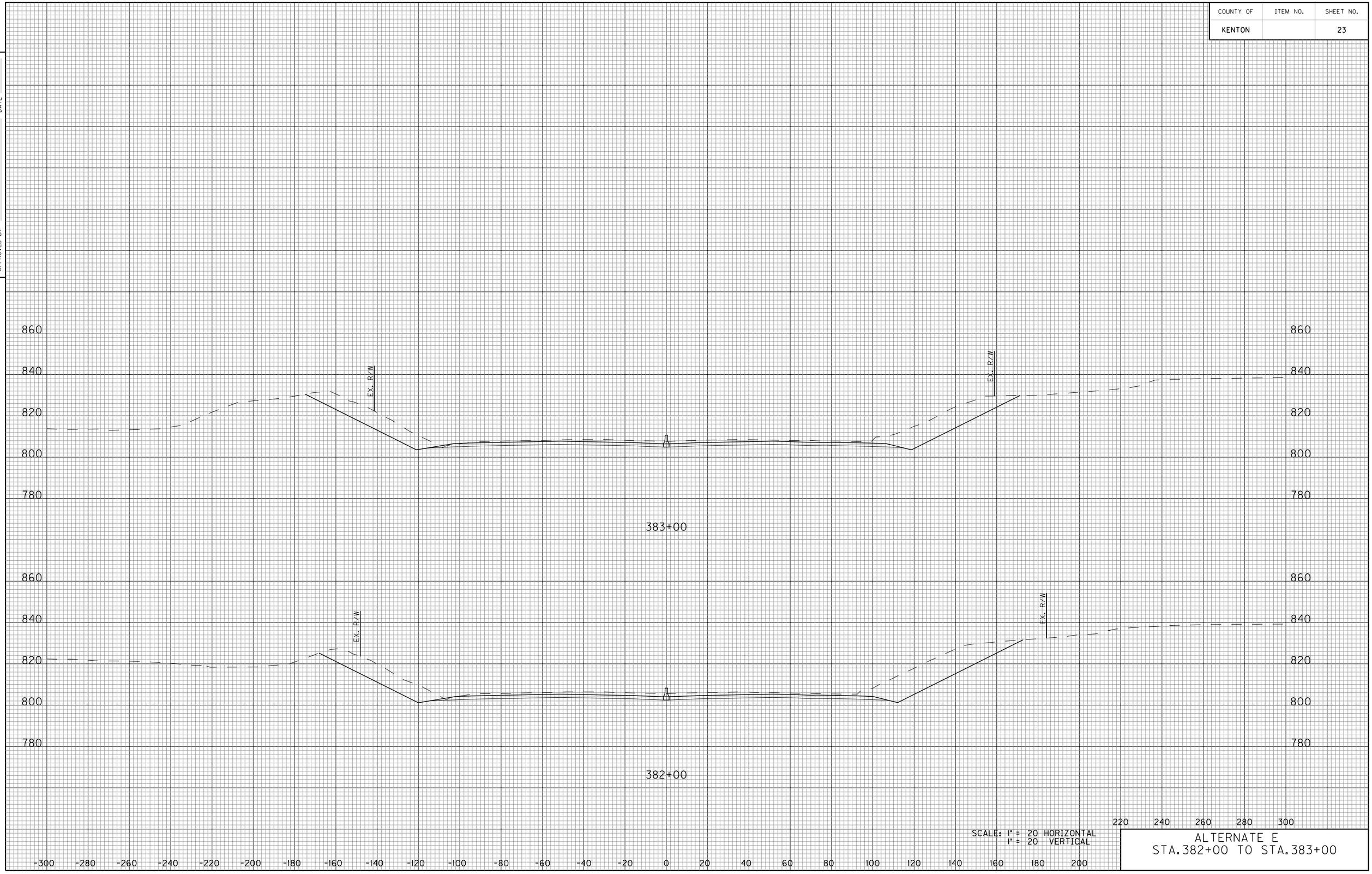
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 380+00 TO STA. 381+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		23

DATE
DATE
CHECKED BY
APPROVED BY



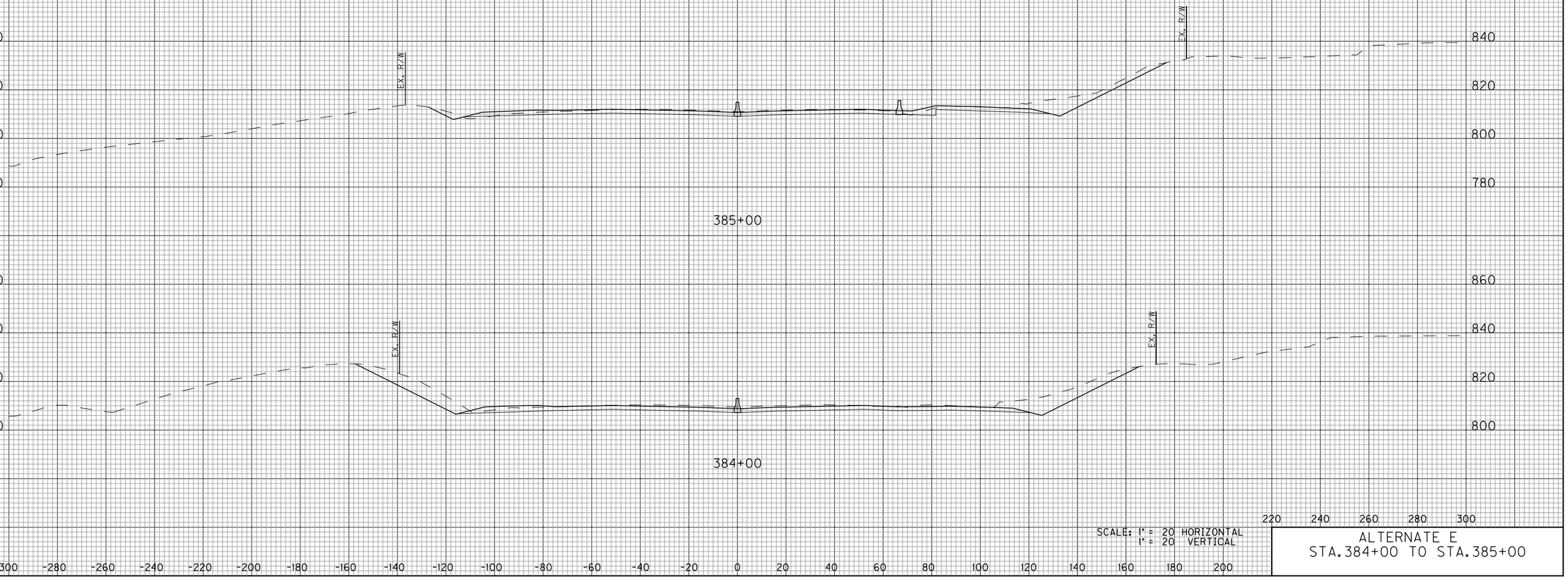
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.382+00 TO STA.383+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		24

DATE
DATE
CHECKED BY
APPROVED BY



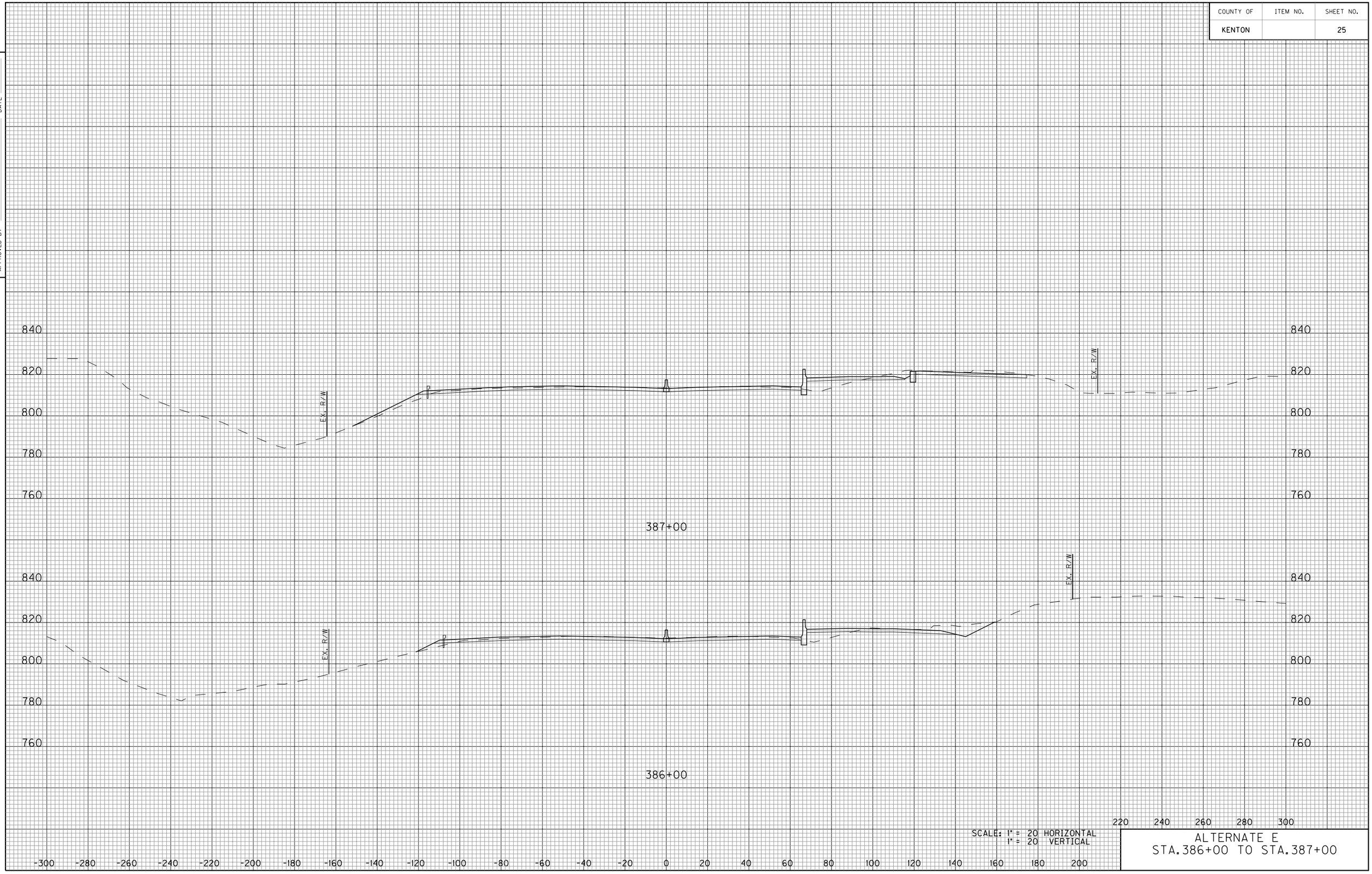
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.384+00 TO STA.385+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		25

DATE
DATE
CHECKED BY
APPROVED BY



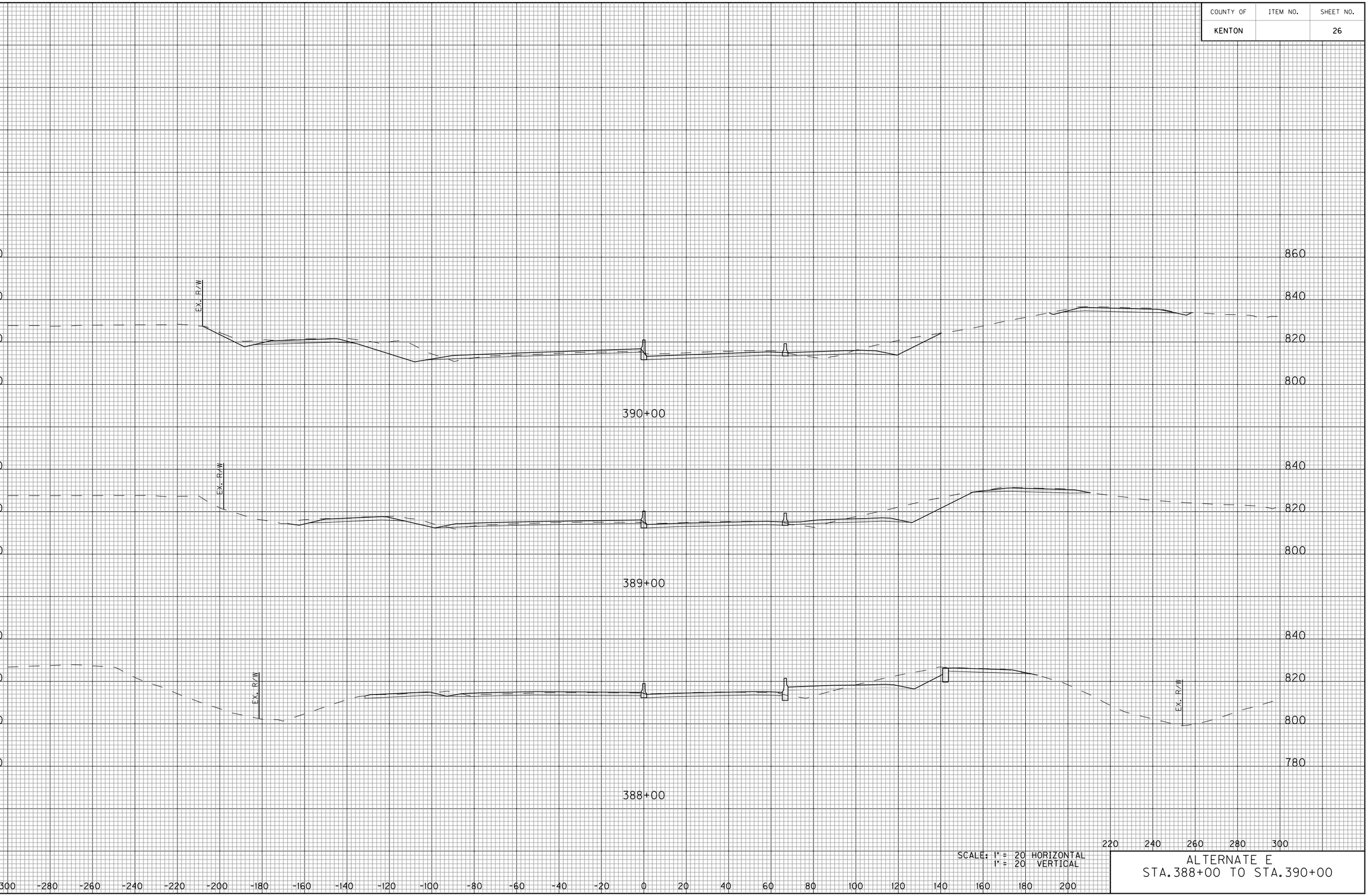
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.386+00 TO STA.387+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		26

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.388+00 TO STA.390+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		27

DATE
DATE
CHECKED BY
APPROVED BY

860
840
820
800

393+00

860
840
820
800

EX. R/W

392+00

860
840
820
800

EX. R/W

391+00

-300 -280 -260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

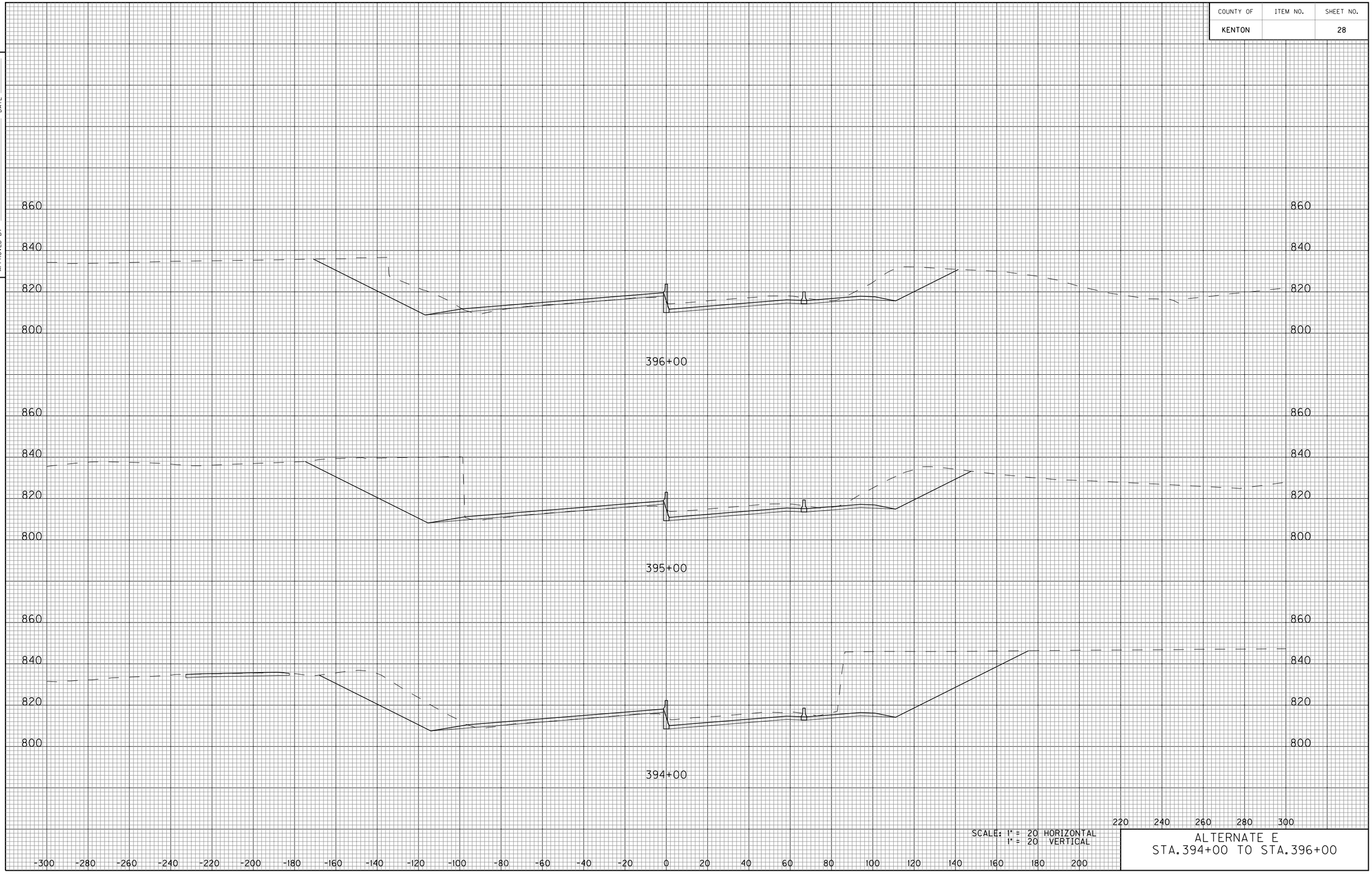
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.391+00 TO STA.393+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		28

DATE
DATE
CHECKED BY
APPROVED BY



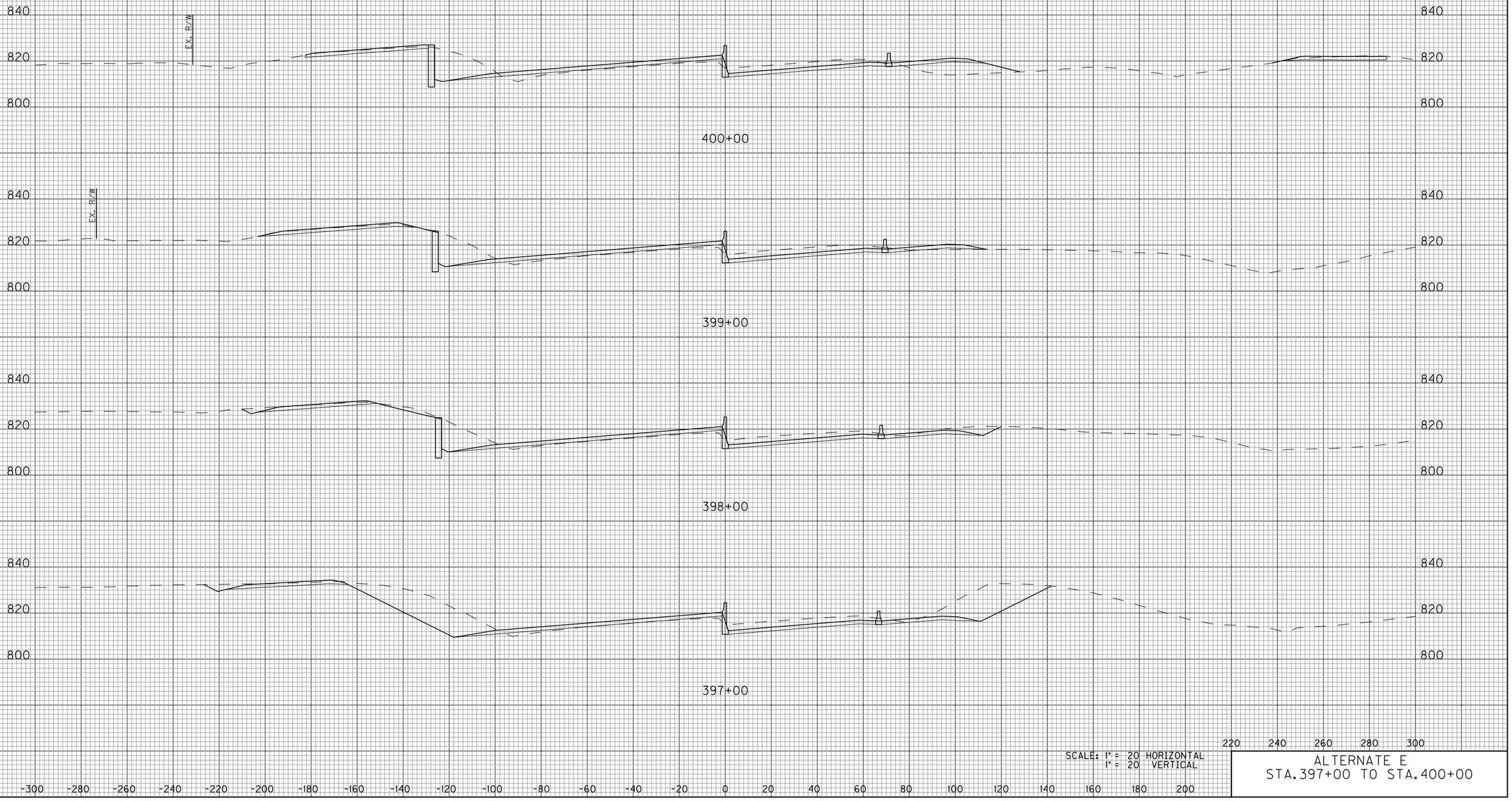
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.394+00 TO STA.396+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		29

DATE
DATE
CHECKED BY
APPROVED BY



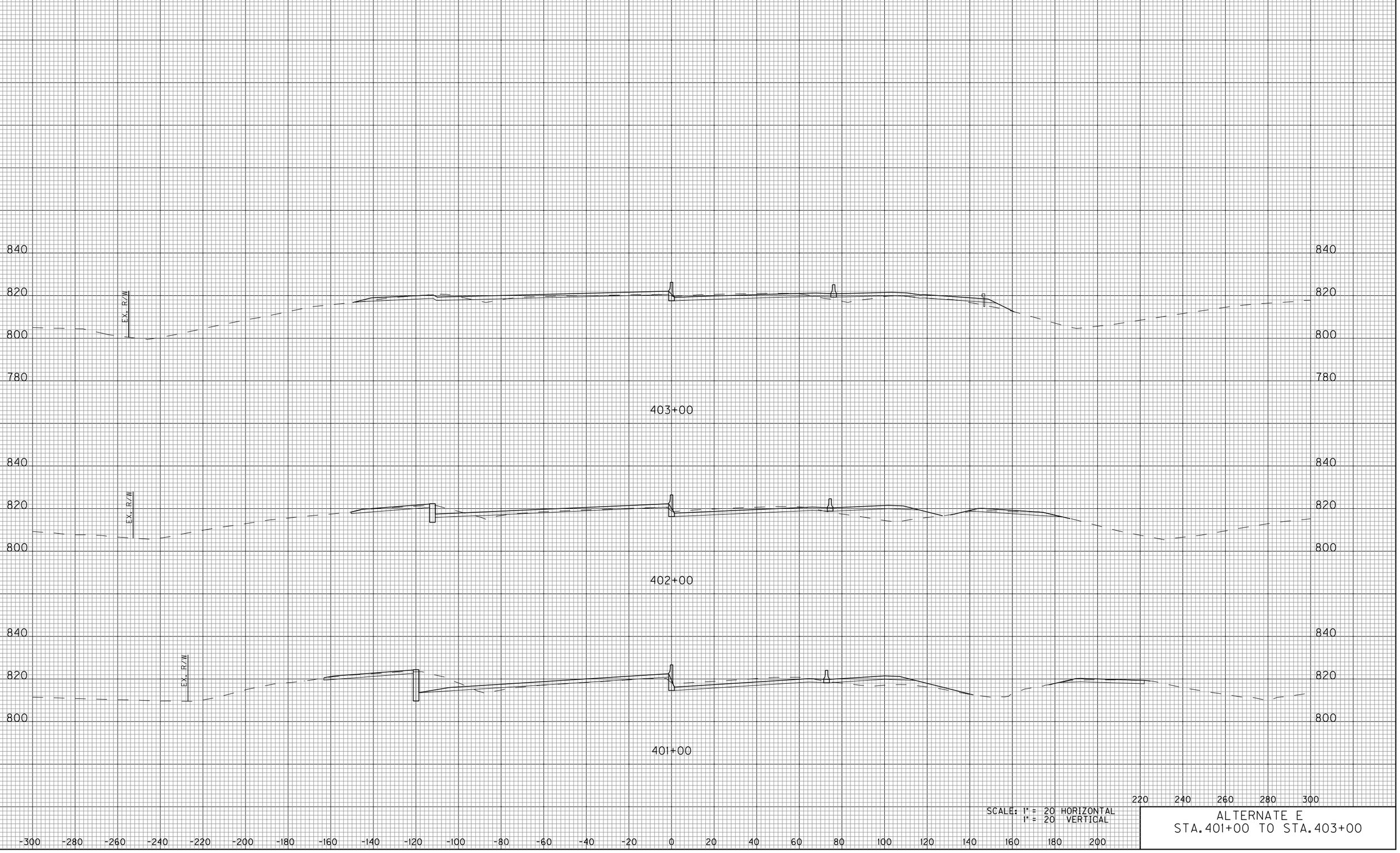
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.397+00 TO STA.400+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		30

DATE
DATE
CHECKED BY
APPROVED BY



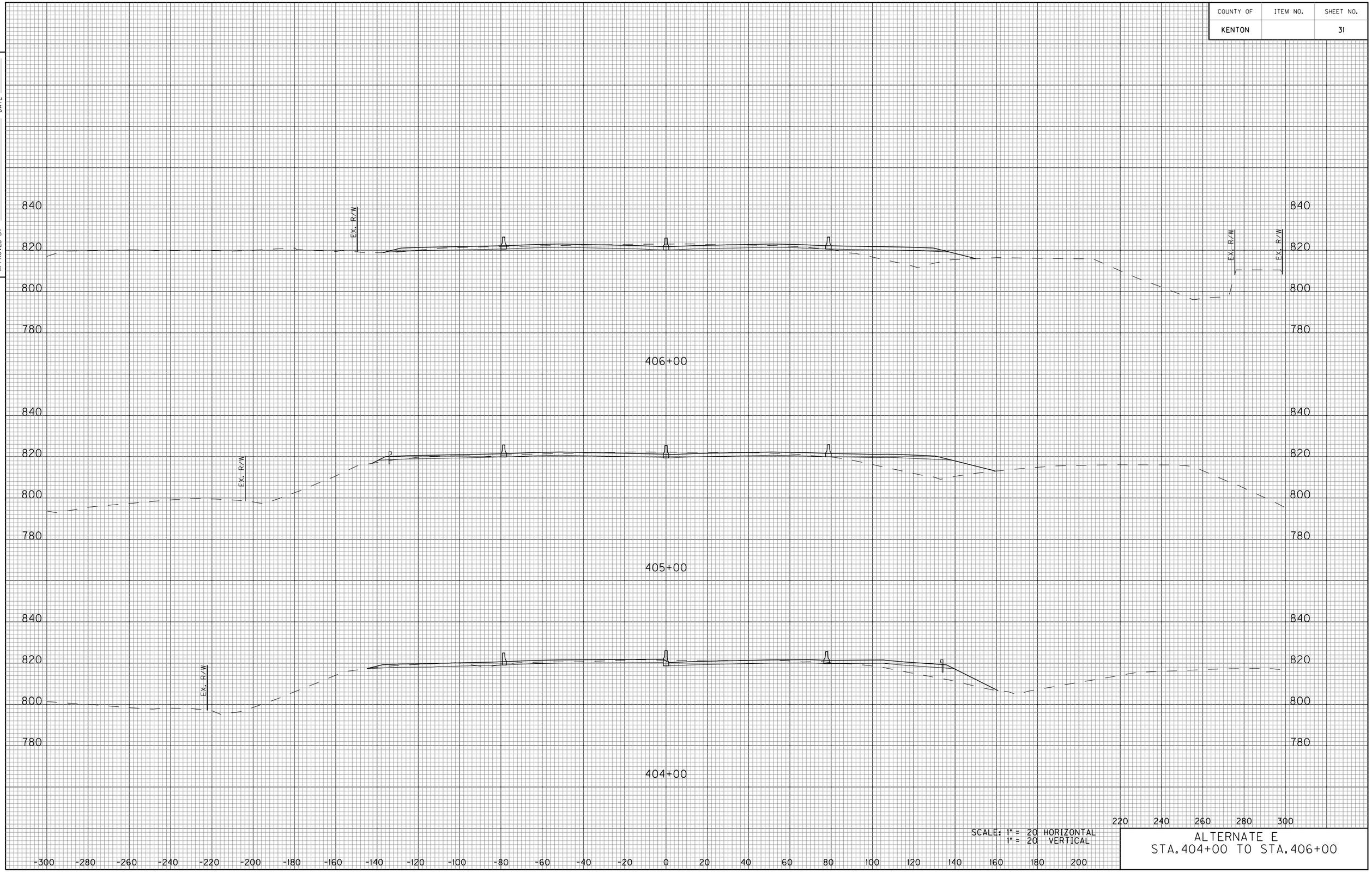
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 401+00 TO STA. 403+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		31

DATE
DATE
CHECKED BY
APPROVED BY



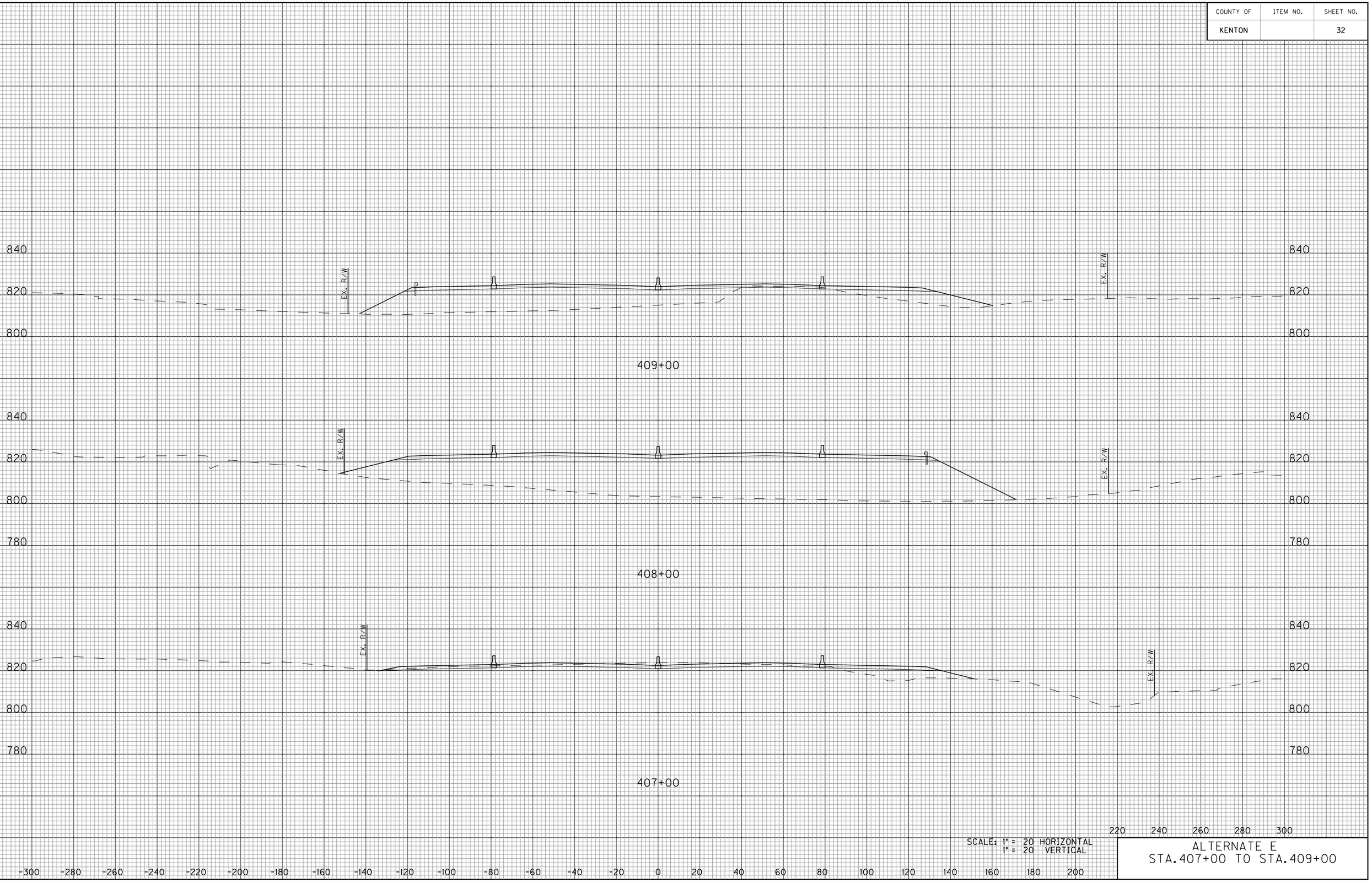
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.404+00 TO STA.406+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		32

DATE
DATE
CHECKED BY
APPROVED BY



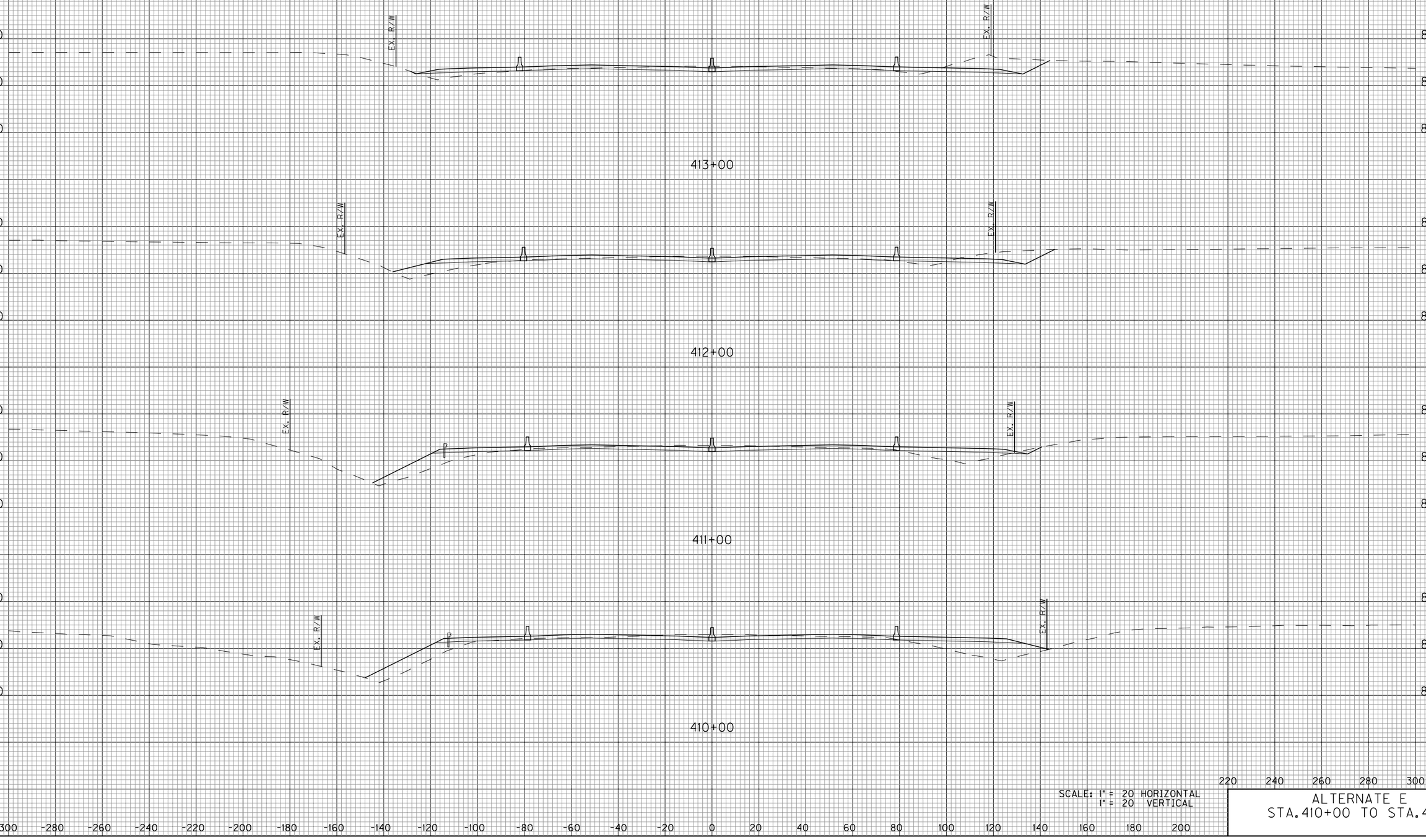
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.407+00 TO STA.409+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		33

DATE
DATE
CHECKED BY
APPROVED BY



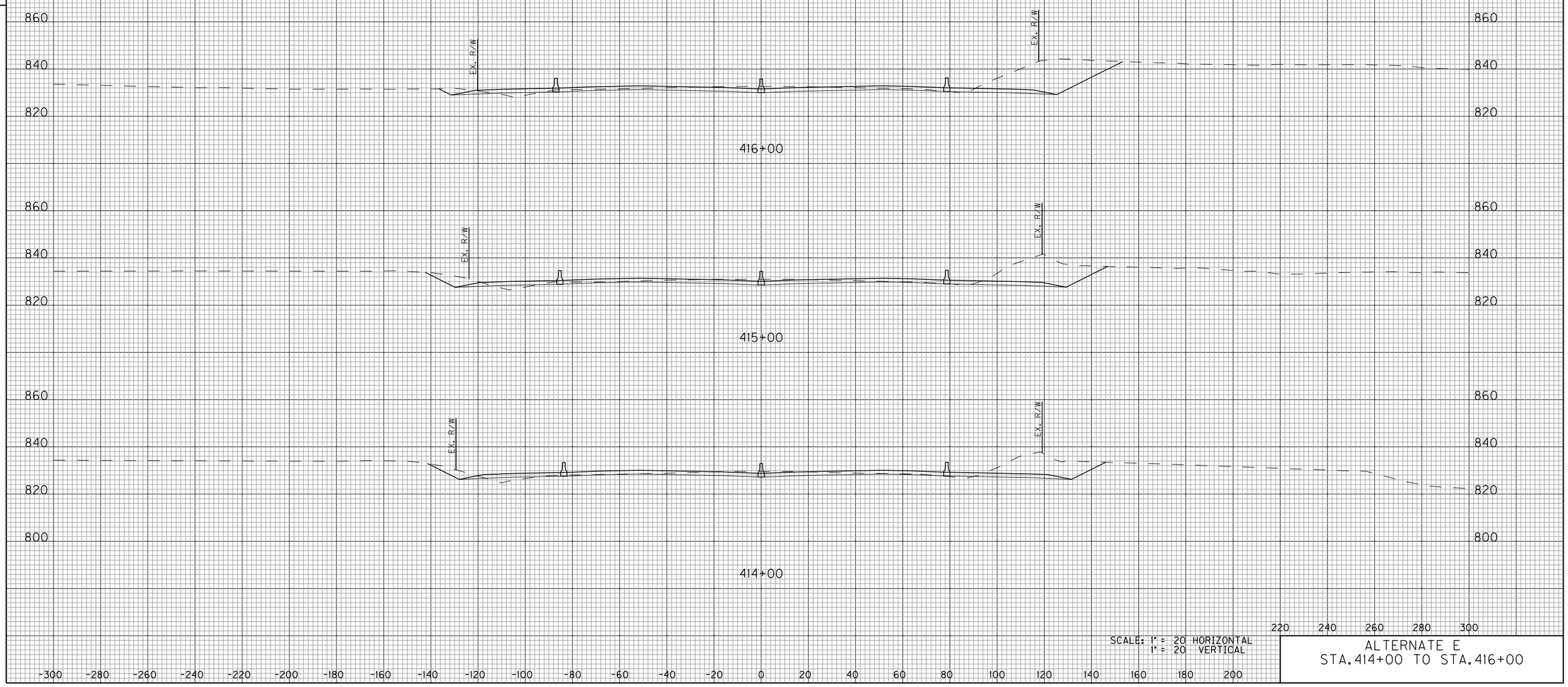
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 410+00 TO STA. 413+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		34

DATE
DATE
CHECKED BY
APPROVED BY



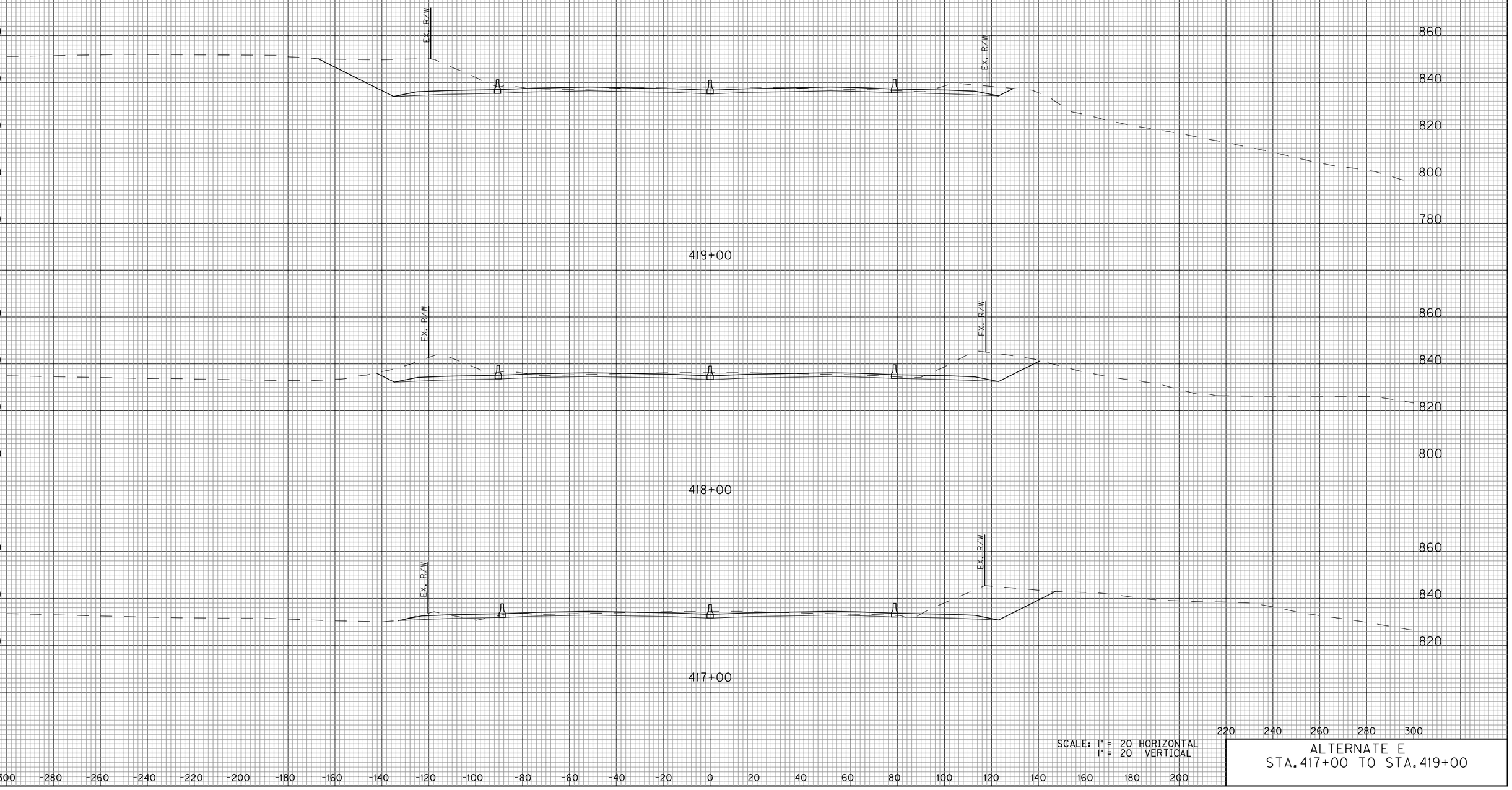
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 414+00 TO STA. 416+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		35

DATE
DATE
CHECKED BY
APPROVED BY



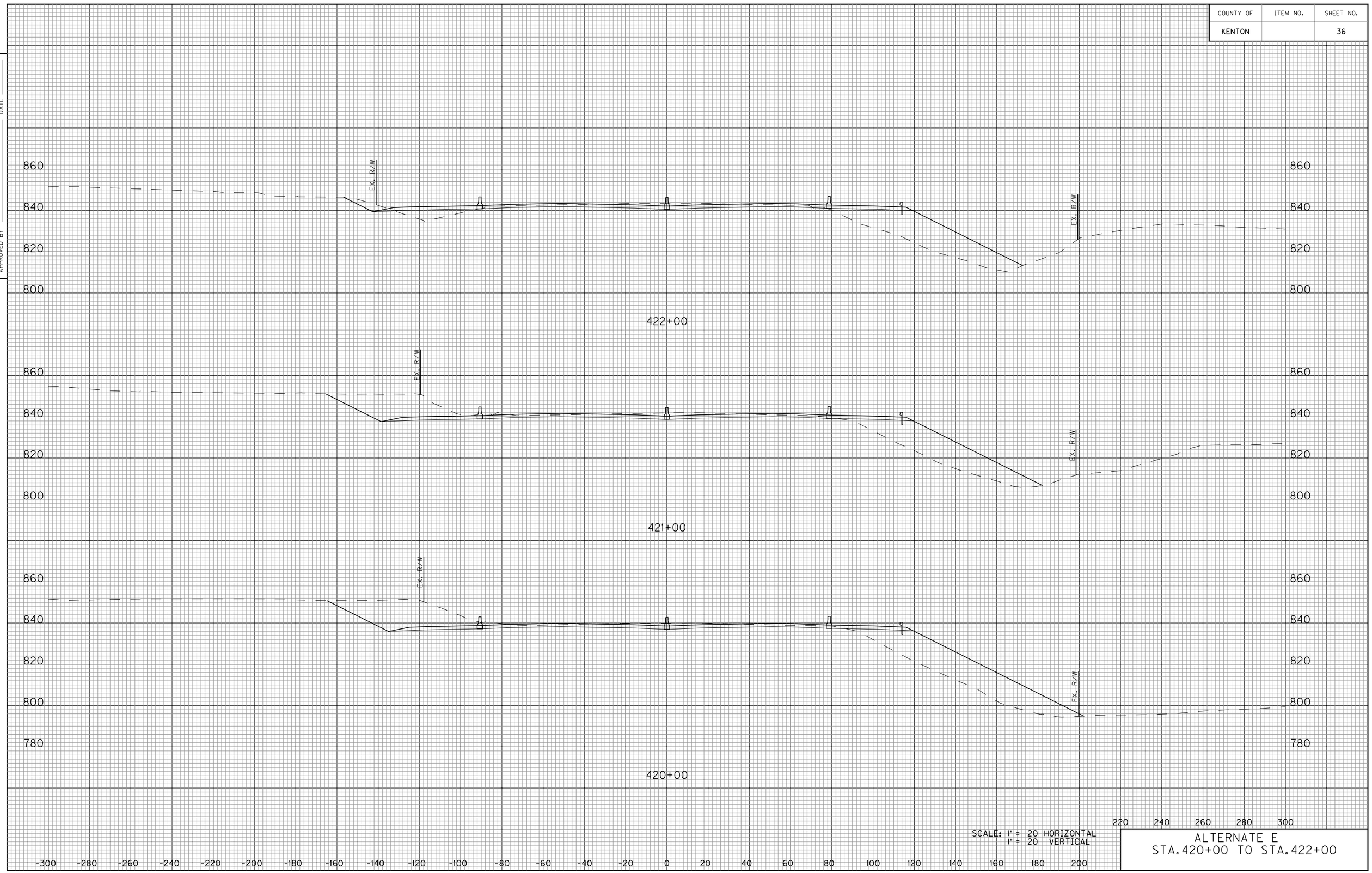
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 417+00 TO STA. 419+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		36

DATE
DATE
CHECKED BY
APPROVED BY



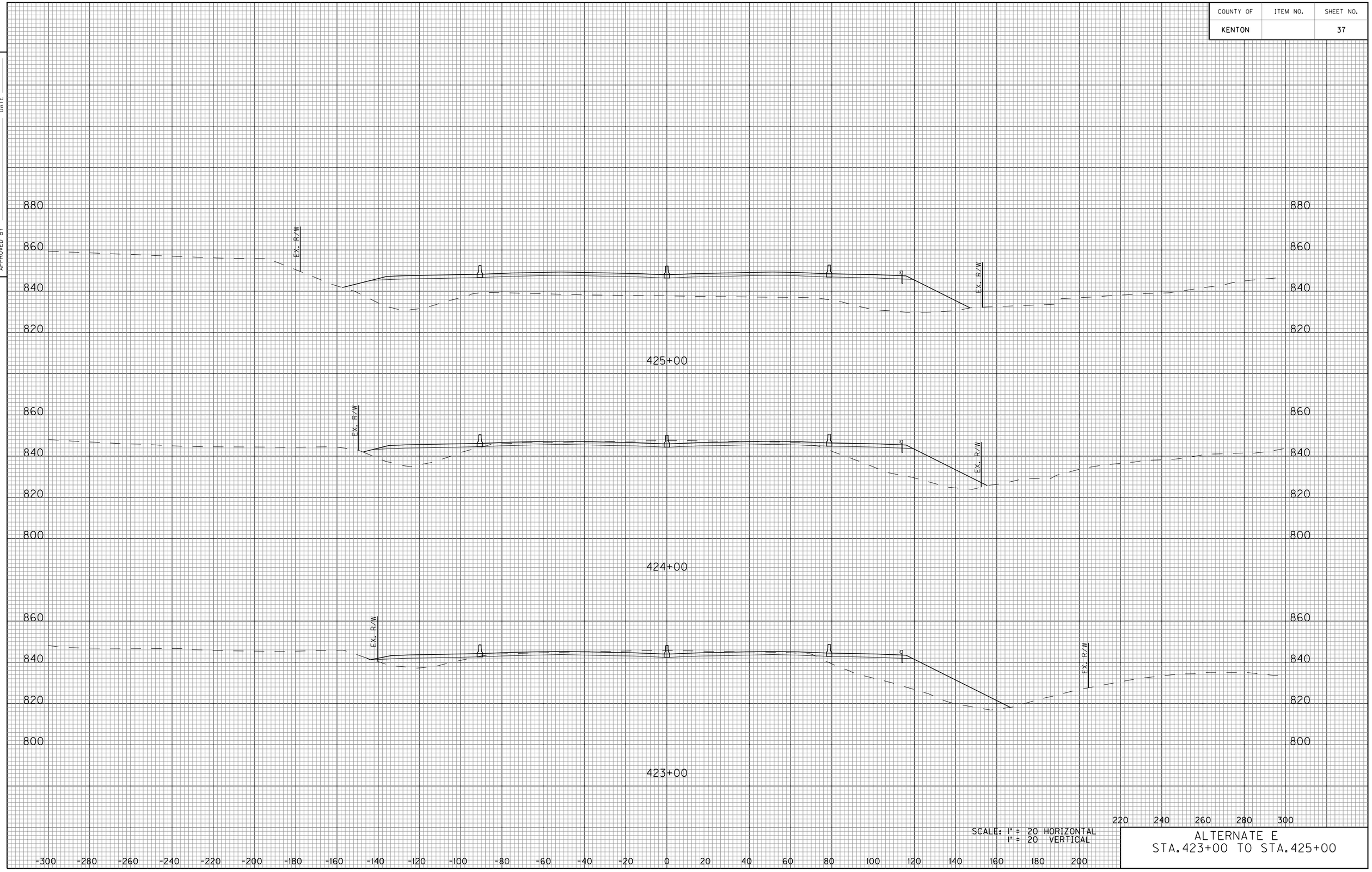
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.420+00 TO STA.422+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		37

DATE
DATE
CHECKED BY
APPROVED BY



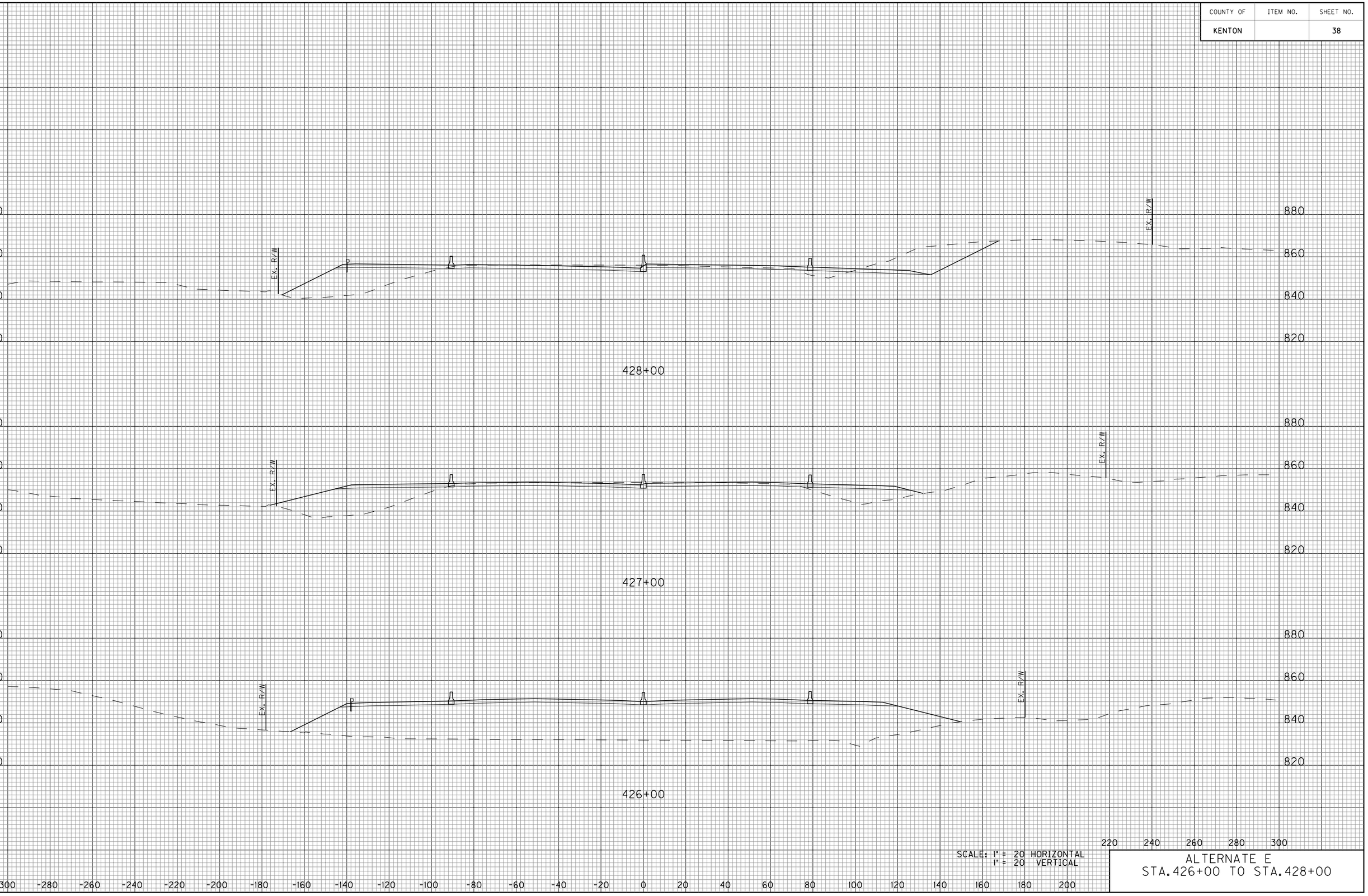
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 423+00 TO STA. 425+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		38

DATE
DATE
CHECKED BY
APPROVED BY



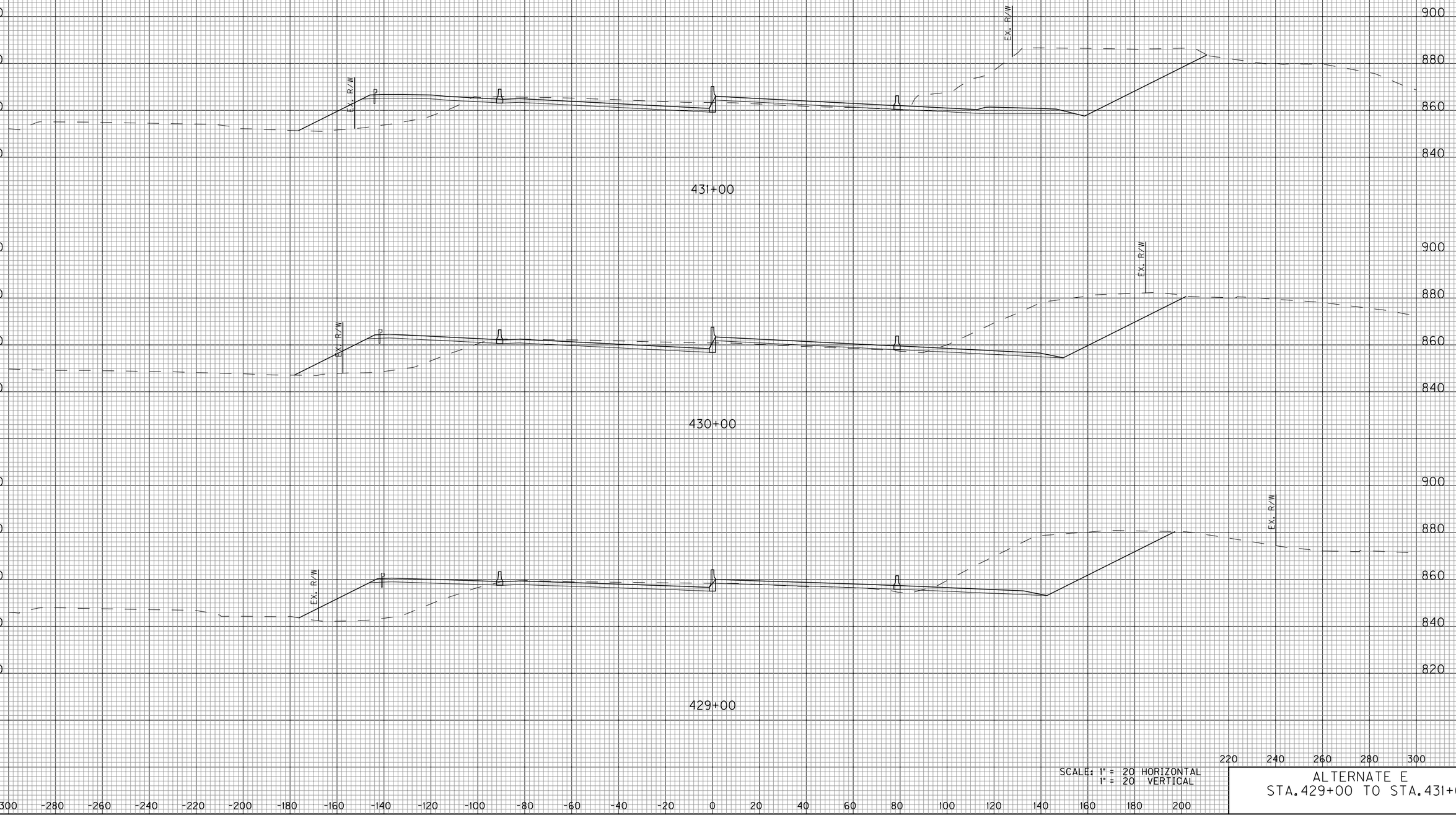
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.426+00 TO STA.428+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		39

DATE
DATE
CHECKED BY
APPROVED BY



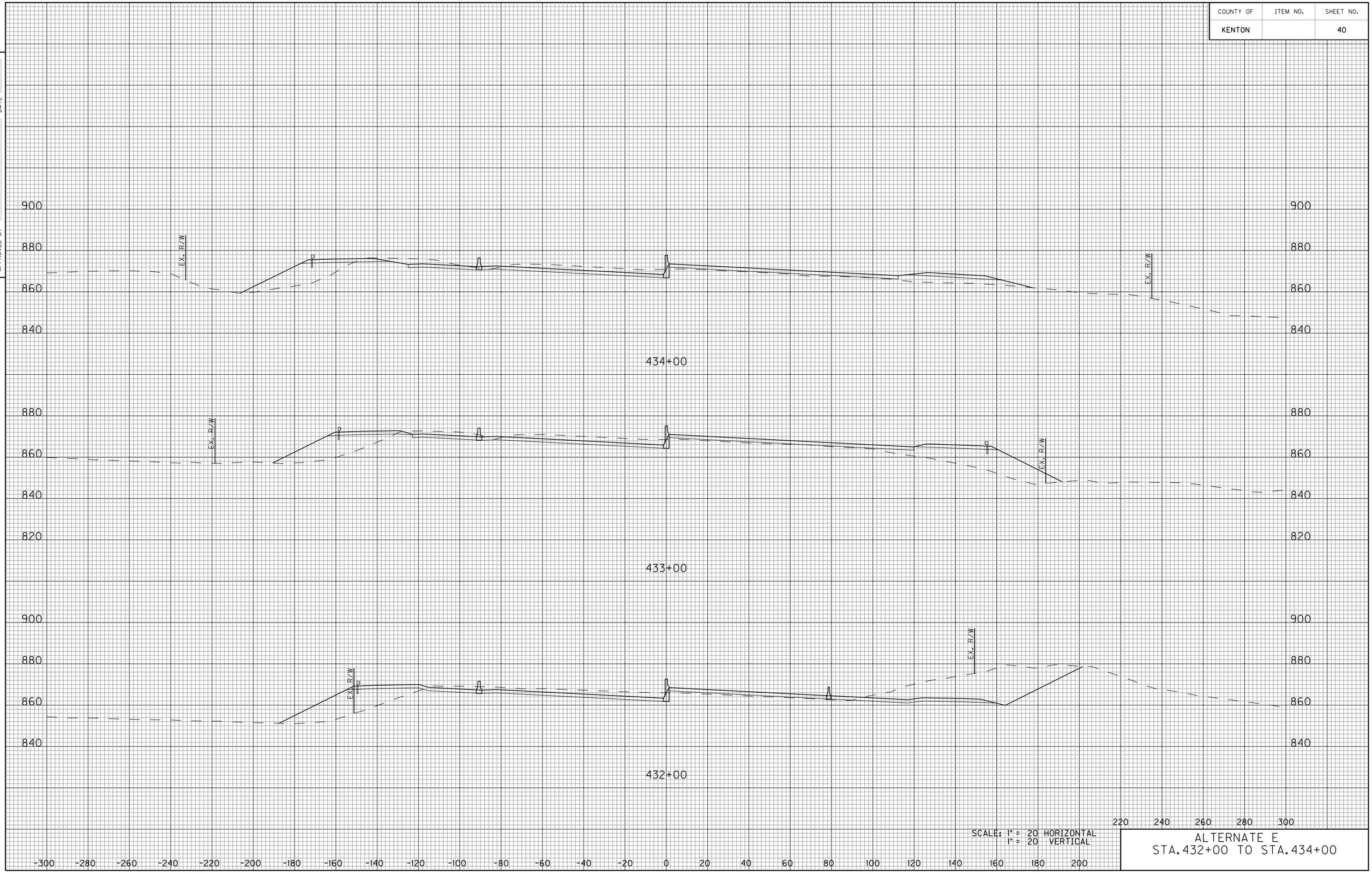
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 429+00 TO STA. 431+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		40

DATE
DATE
CHECKED BY
APPROVED BY



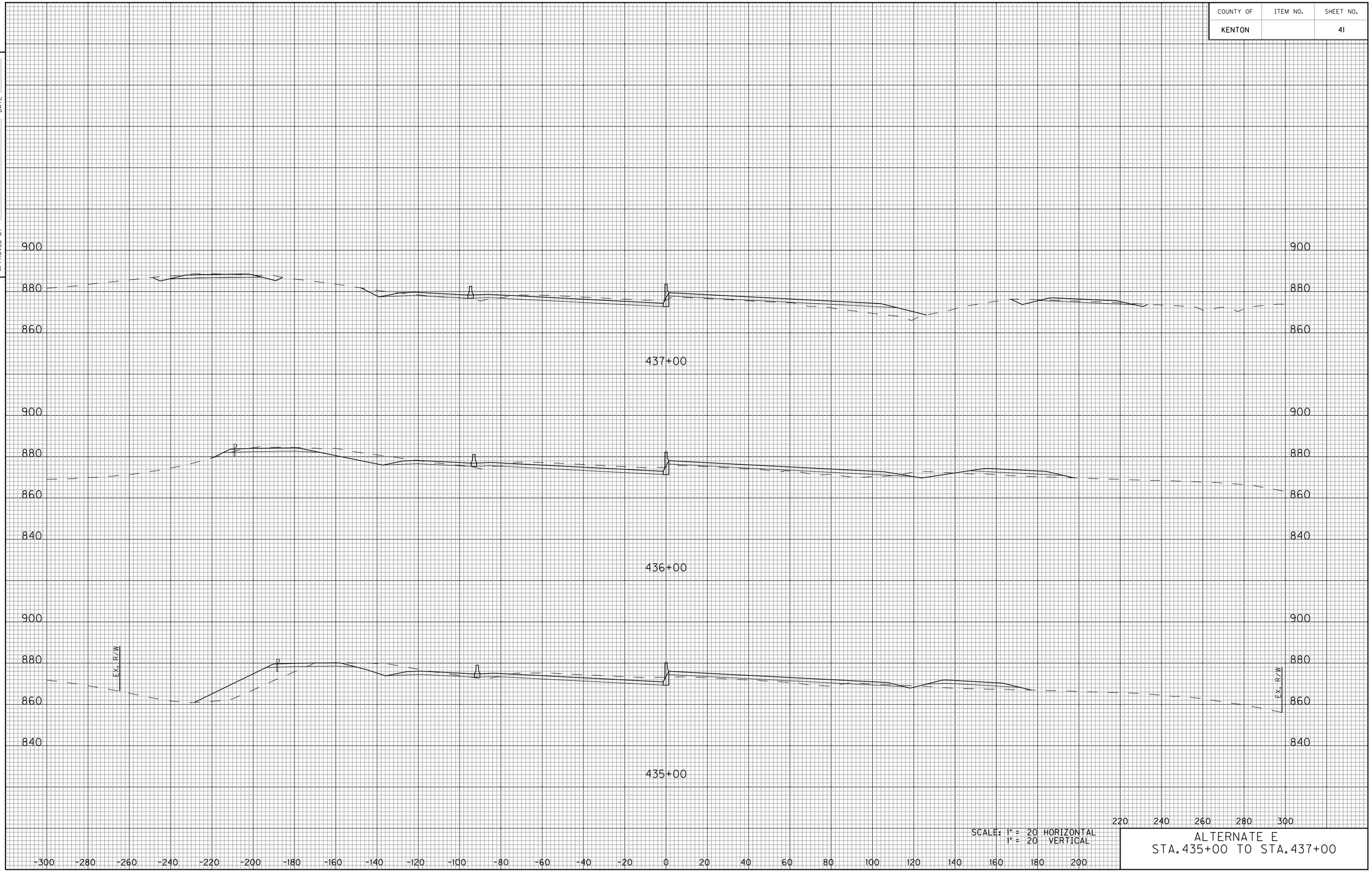
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 432+00 TO STA. 434+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		41

DATE
DATE
CHECKED BY
APPROVED BY



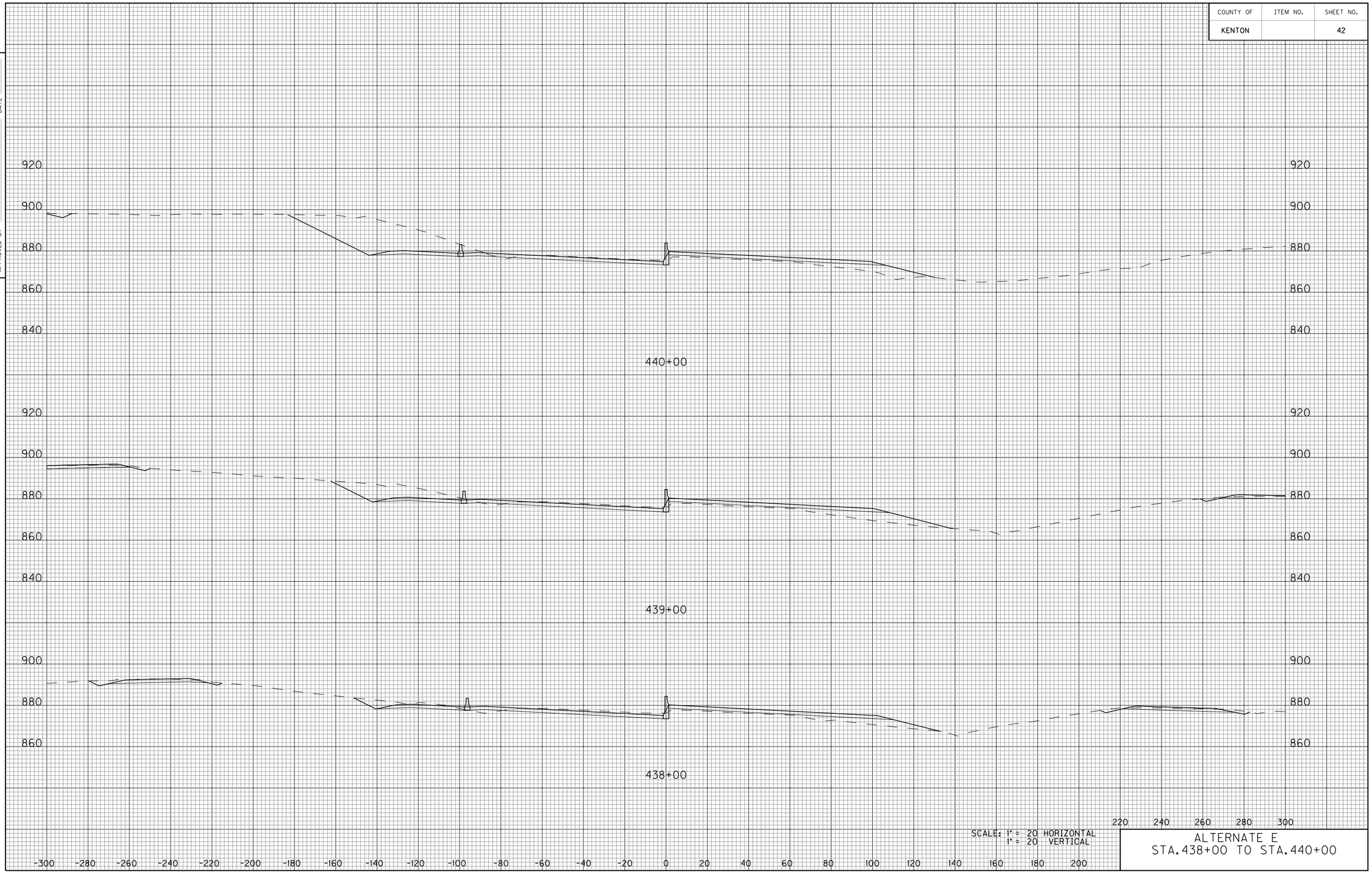
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.435+00 TO STA.437+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		42

DATE
DATE
CHECKED BY
APPROVED BY



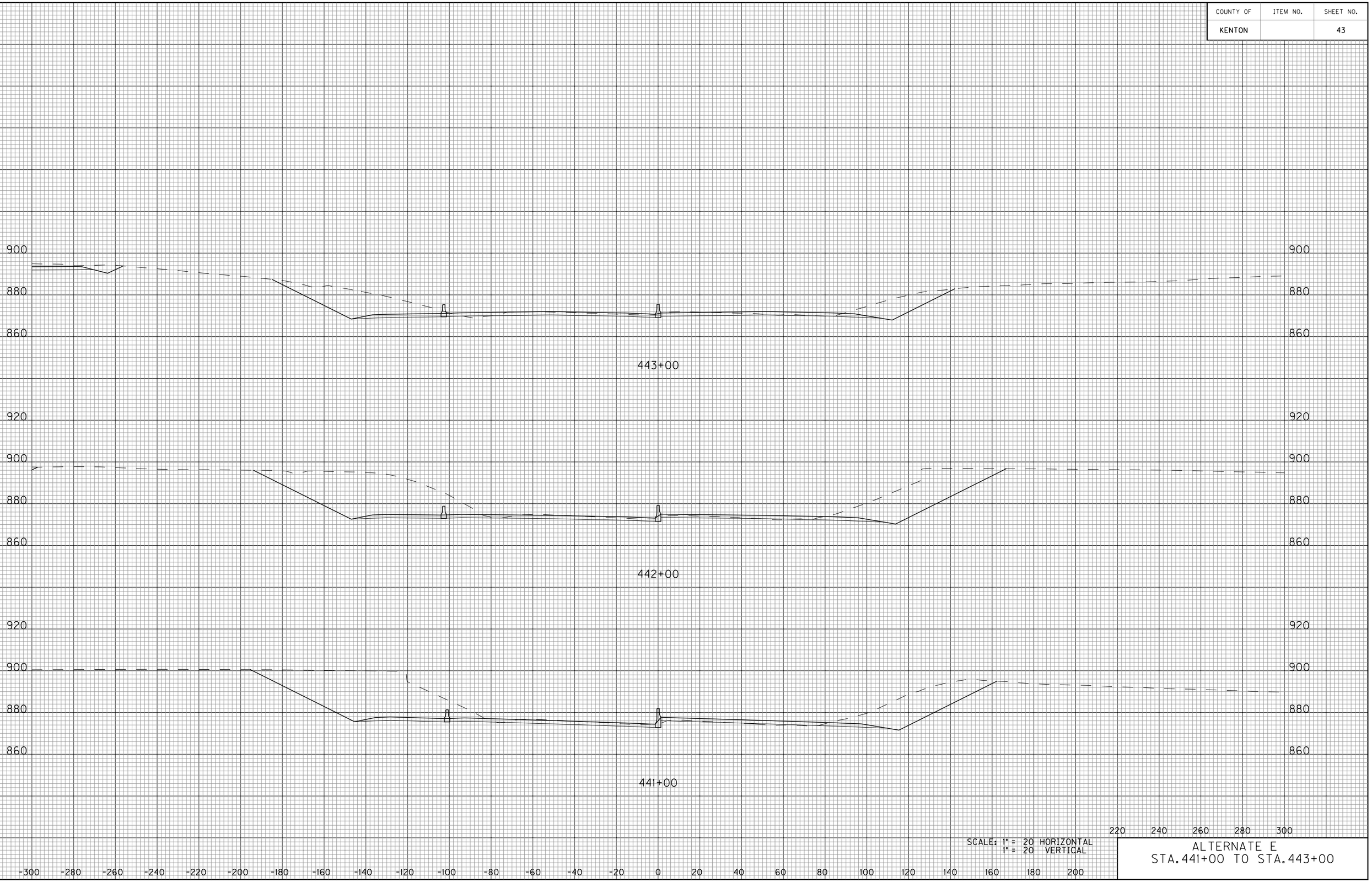
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.438+00 TO STA.440+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		43

DATE
DATE
CHECKED BY
APPROVED BY



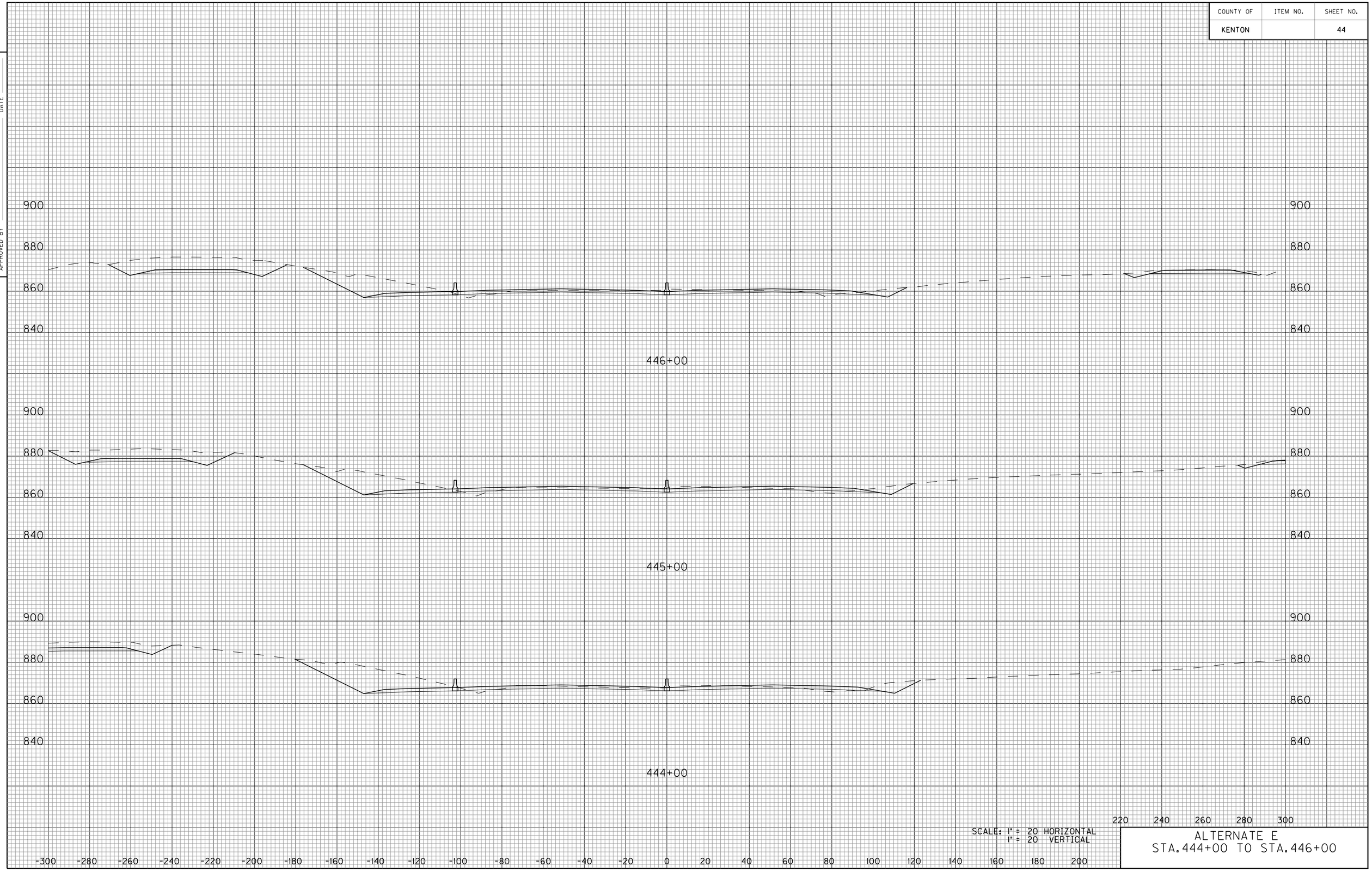
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 441+00 TO STA. 443+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		44

DATE
DATE
CHECKED BY
APPROVED BY



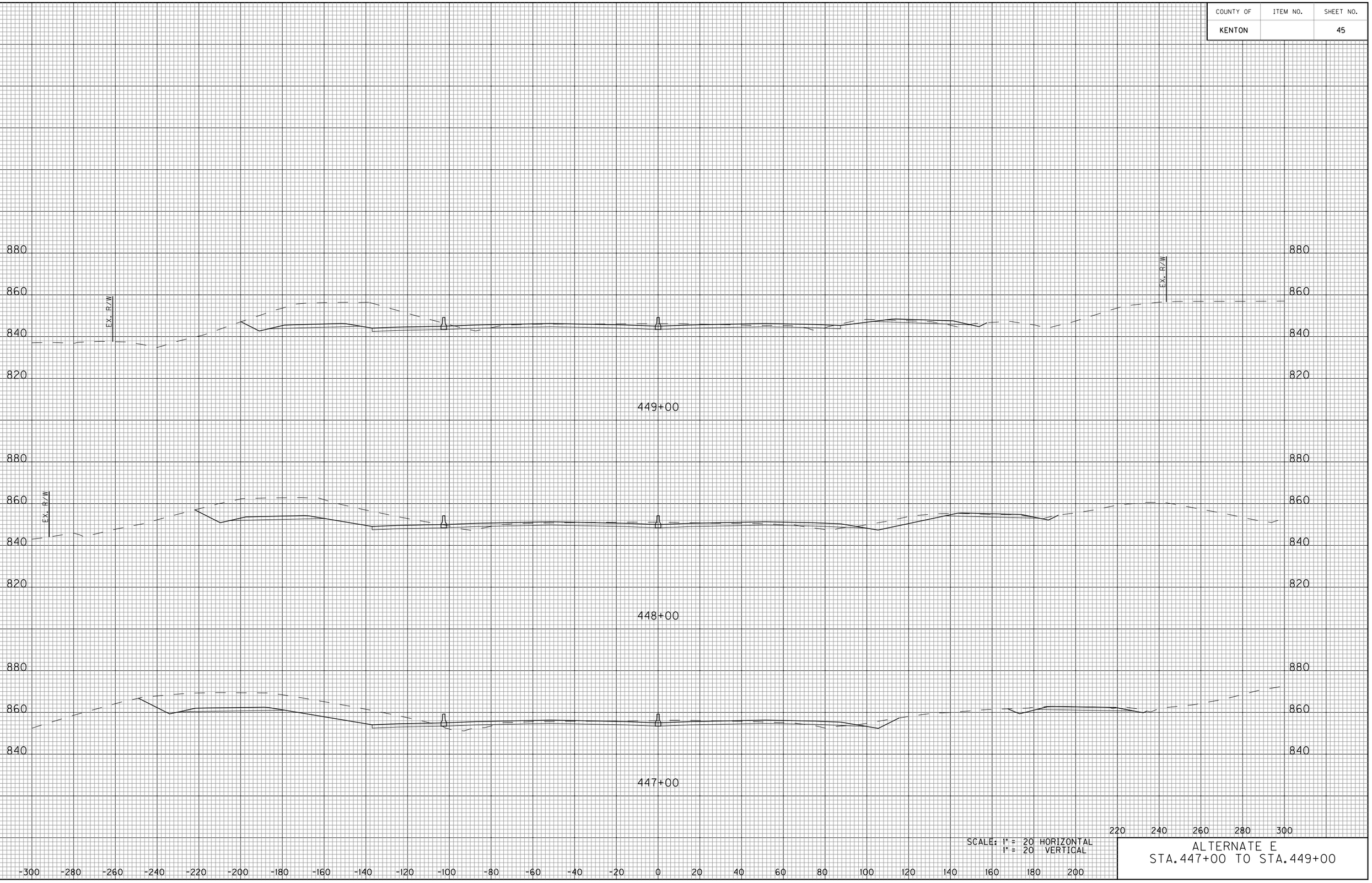
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.444+00 TO STA.446+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		45

DATE
DATE
CHECKED BY
APPROVED BY



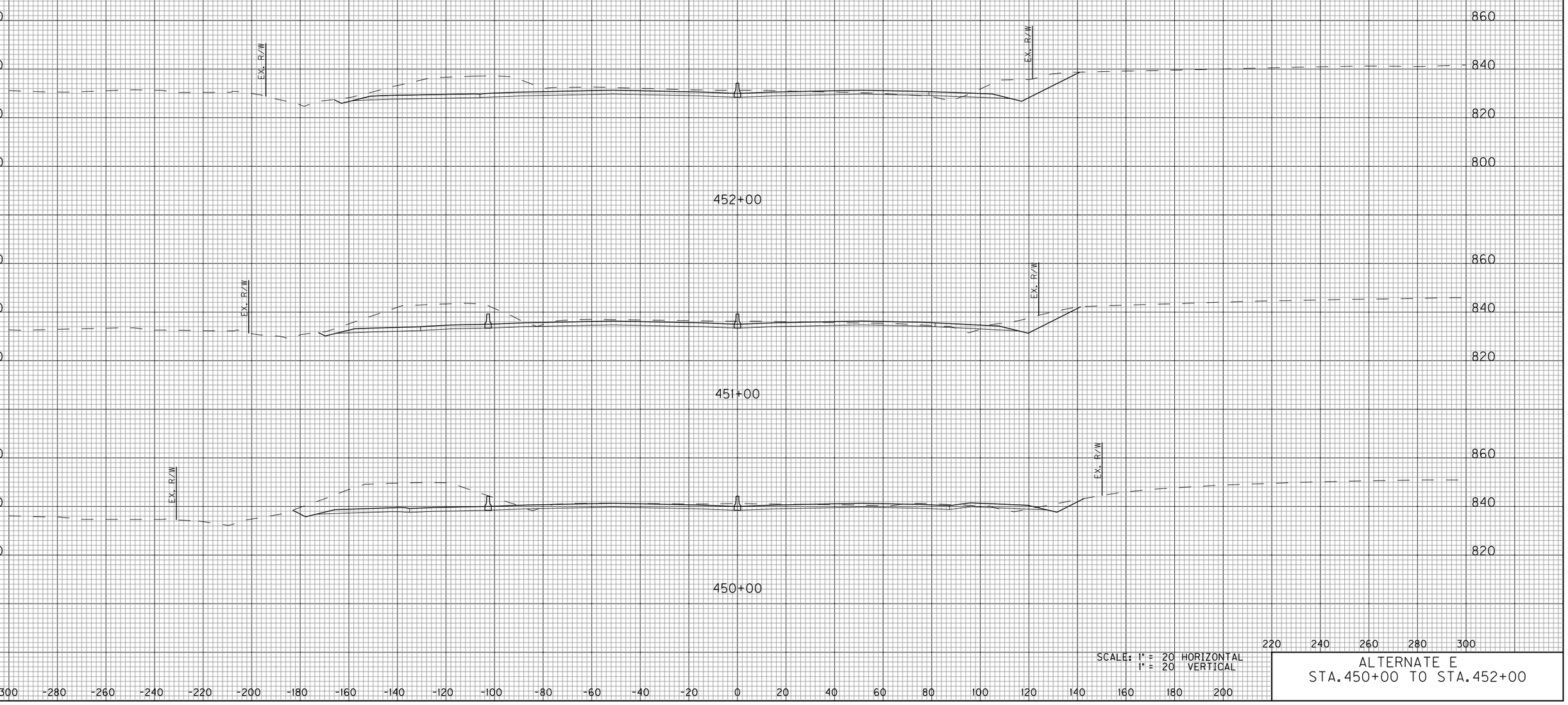
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.447+00 TO STA.449+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		46

DATE
DATE
CHECKED BY
APPROVED BY



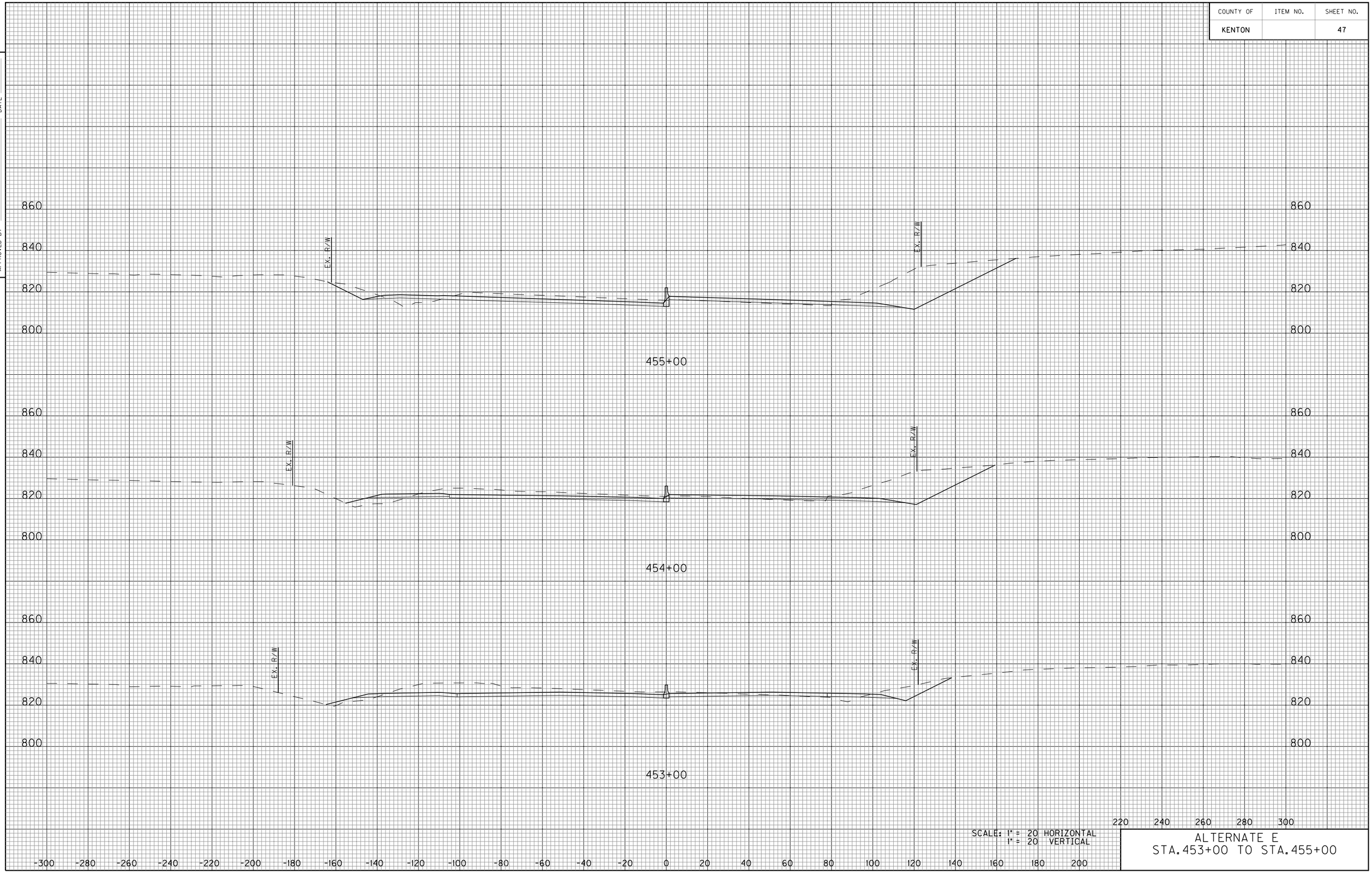
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.450+00 TO STA.452+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		47

DATE
DATE
CHECKED BY
APPROVED BY



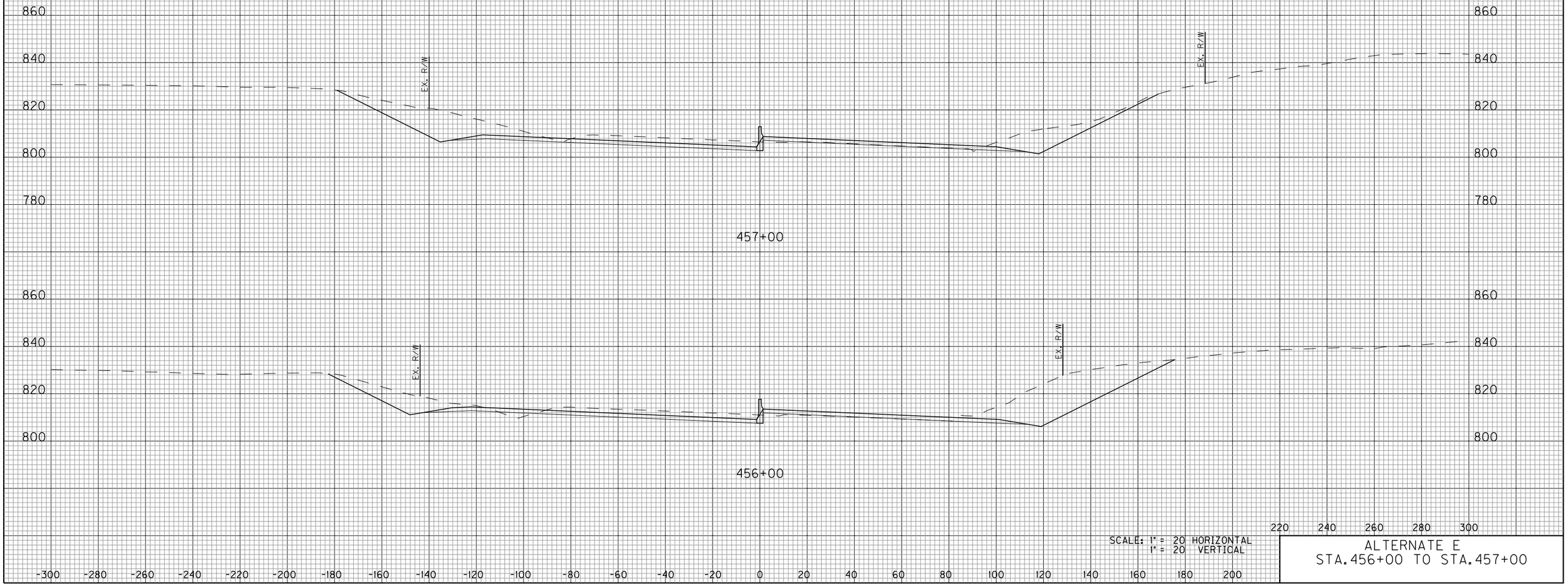
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 453+00 TO STA. 455+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		48

DATE
DATE
CHECKED BY
APPROVED BY



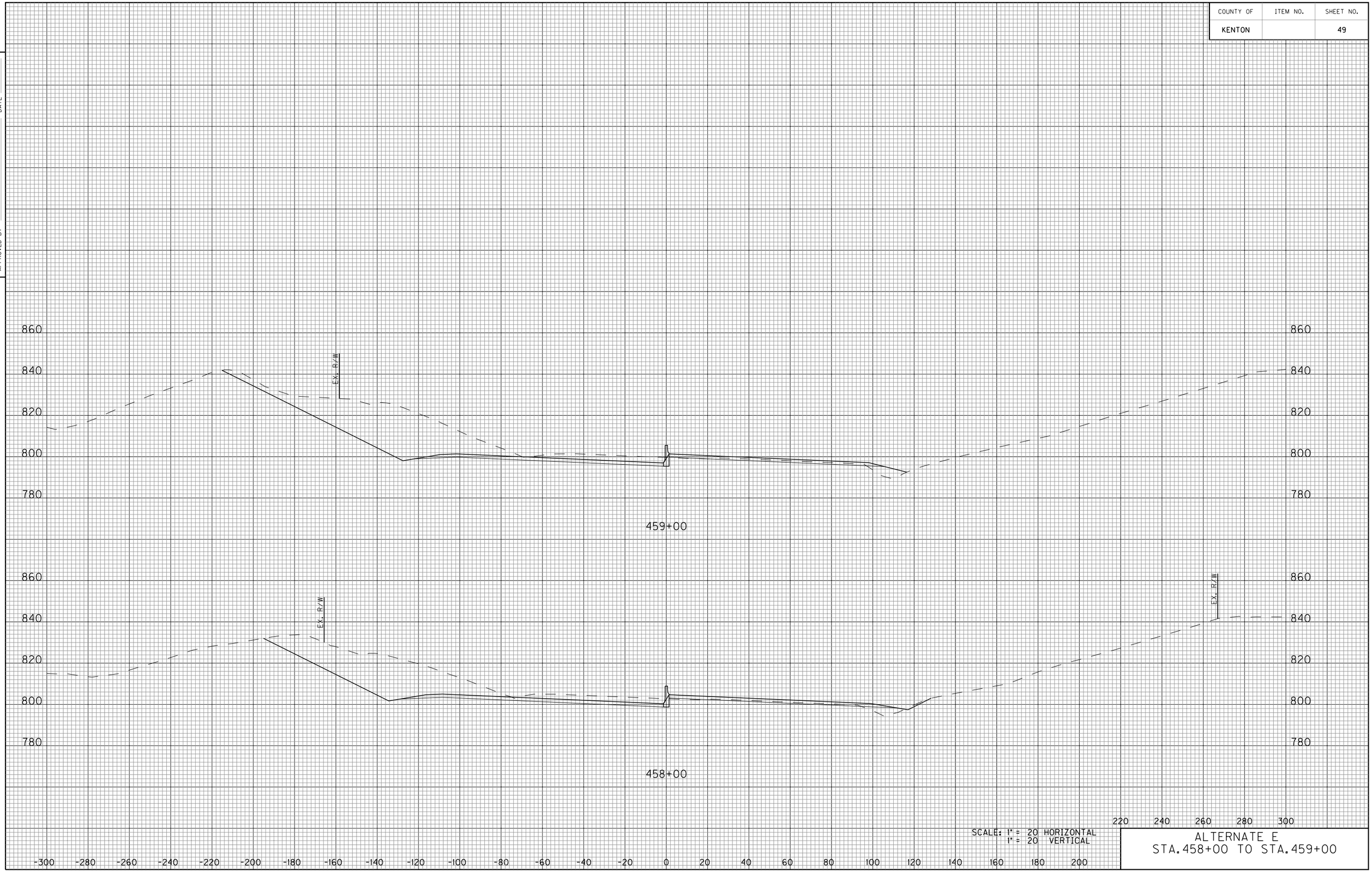
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.456+00 TO STA.457+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		49

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.458+00 TO STA.459+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		50

DATE
DATE
CHECKED BY
APPROVED BY



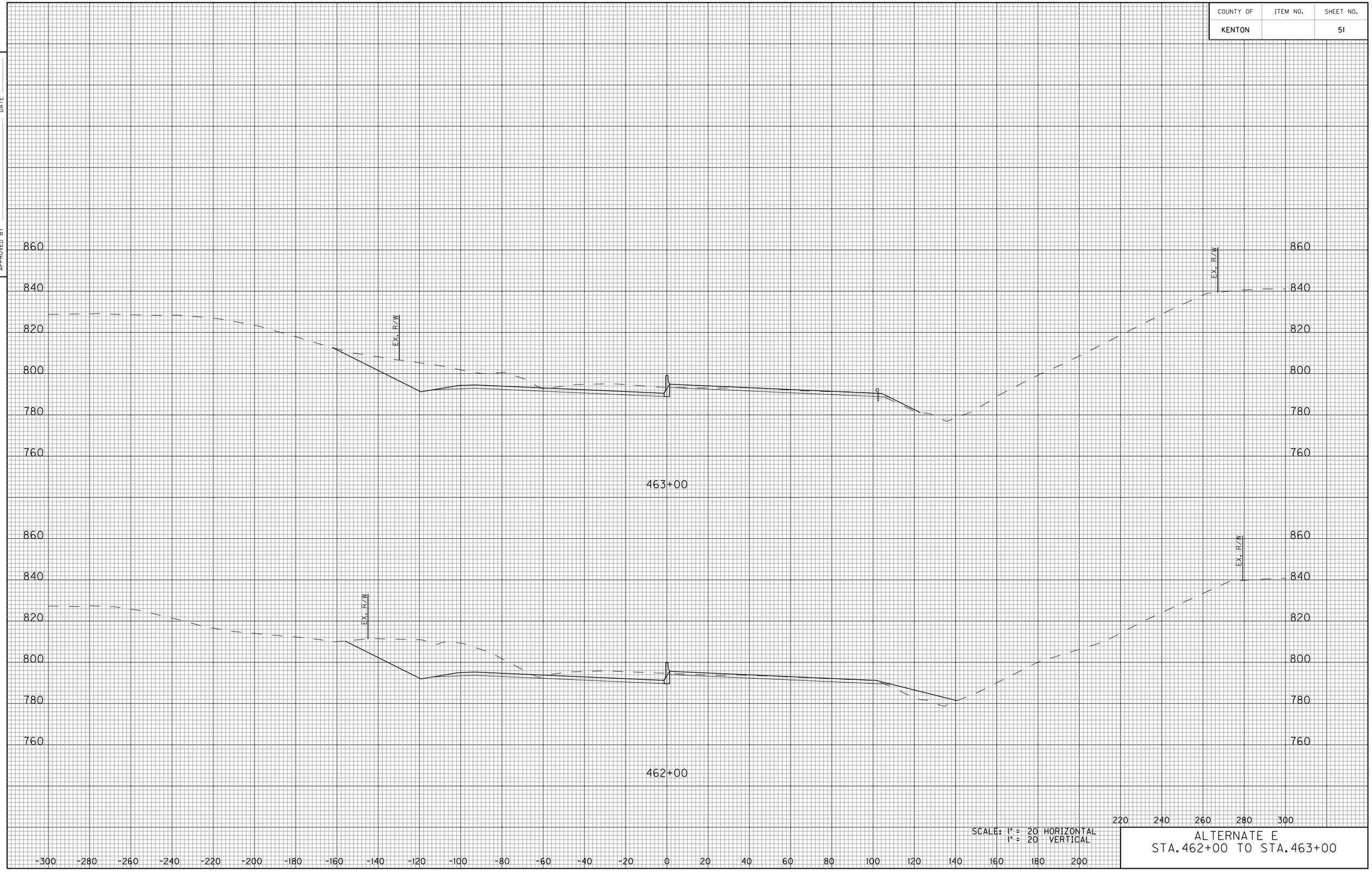
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.460+00 TO STA.461+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		51

DATE
DATE
CHECKED BY
APPROVED BY



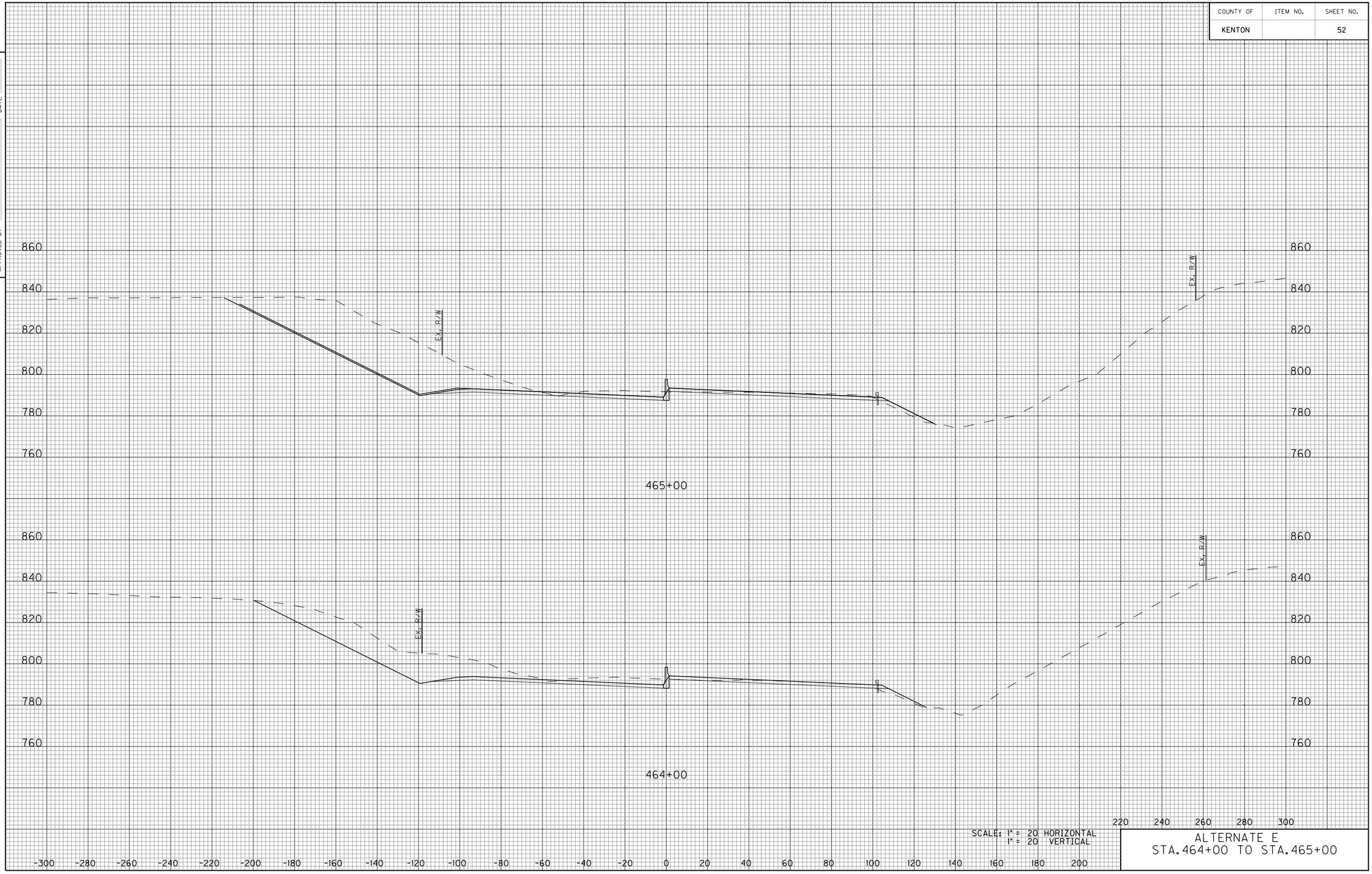
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.462+00 TO STA.463+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		52

DATE
DATE
CHECKED BY
APPROVED BY



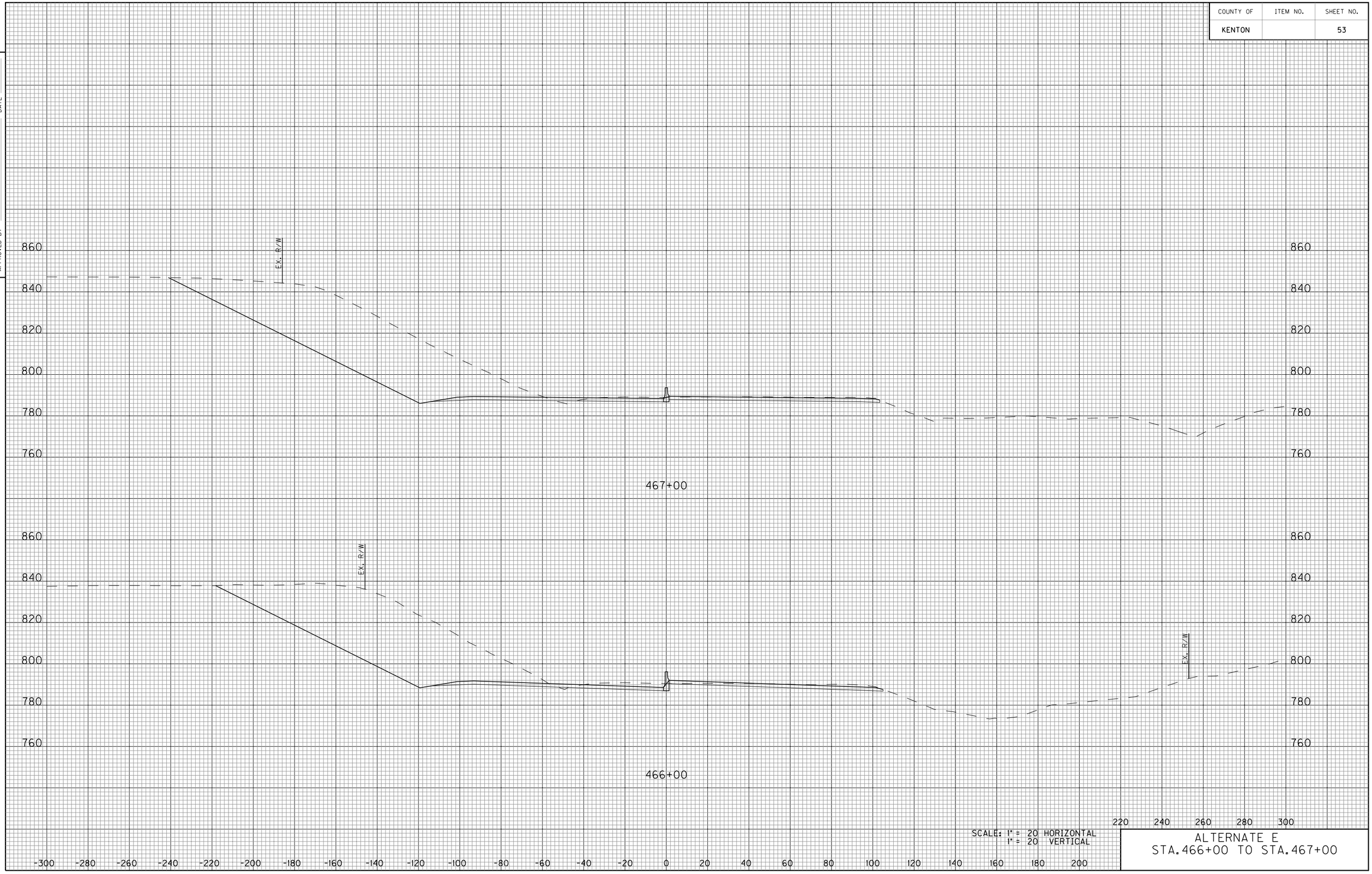
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.464+00 TO STA.465+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		53

DATE
DATE
CHECKED BY
APPROVED BY



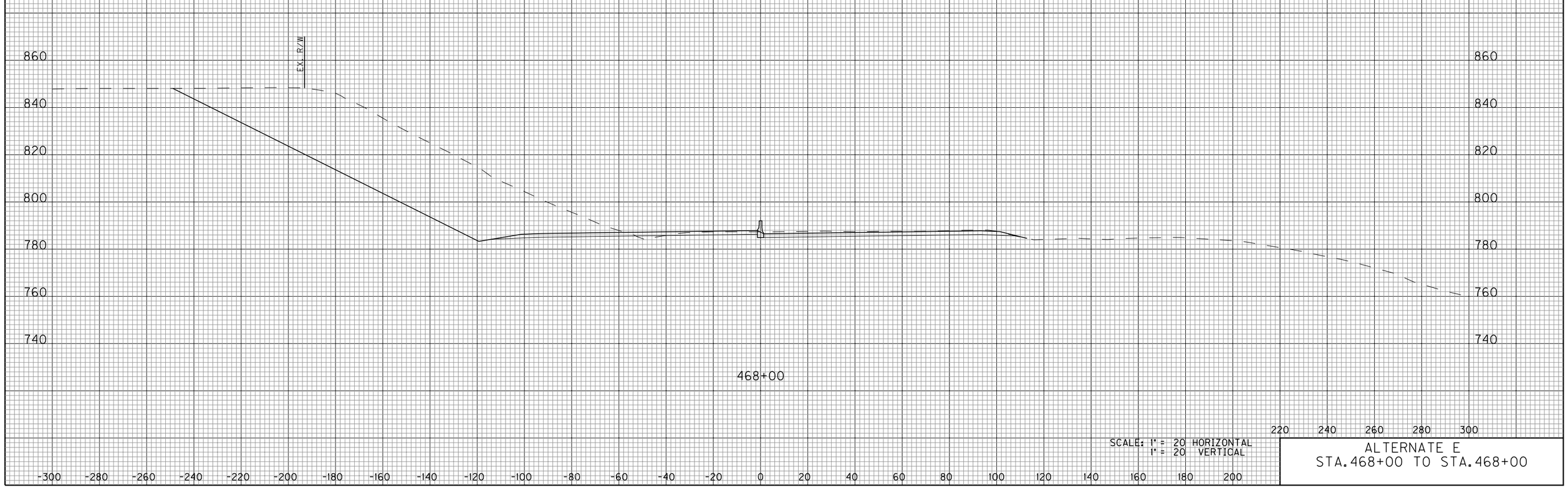
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.466+00 TO STA.467+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		54

DATE
DATE
CHECKED BY
APPROVED BY



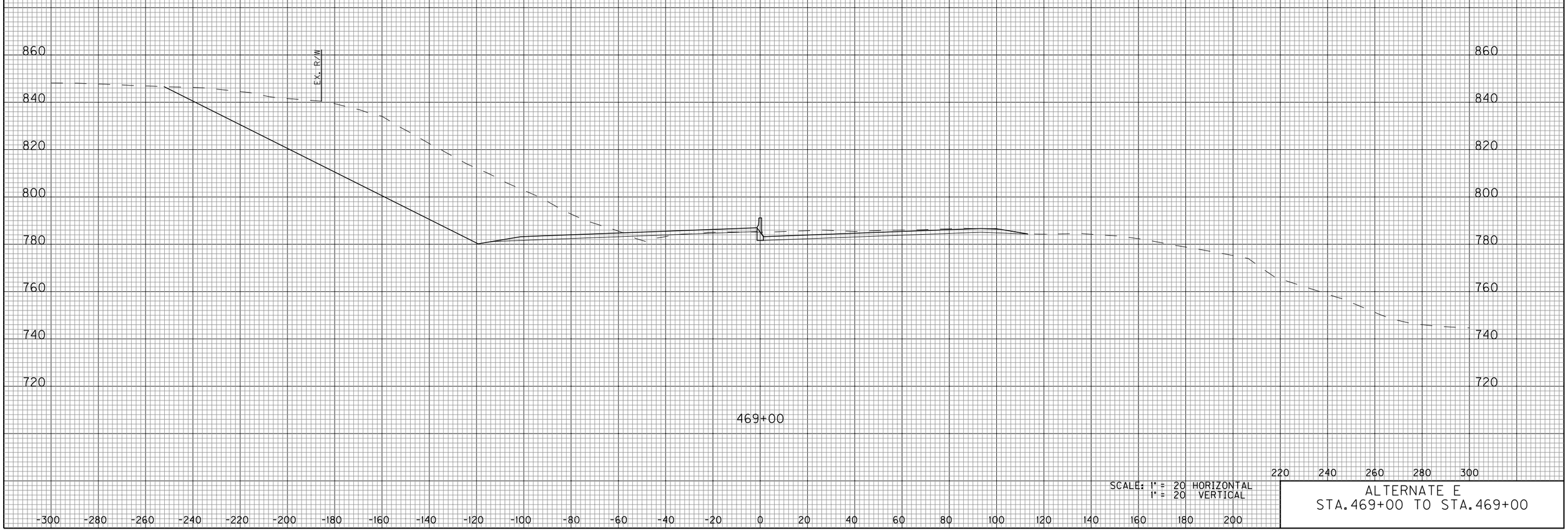
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.468+00 TO STA.468+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		55

DATE
DATE
CHECKED BY
APPROVED BY



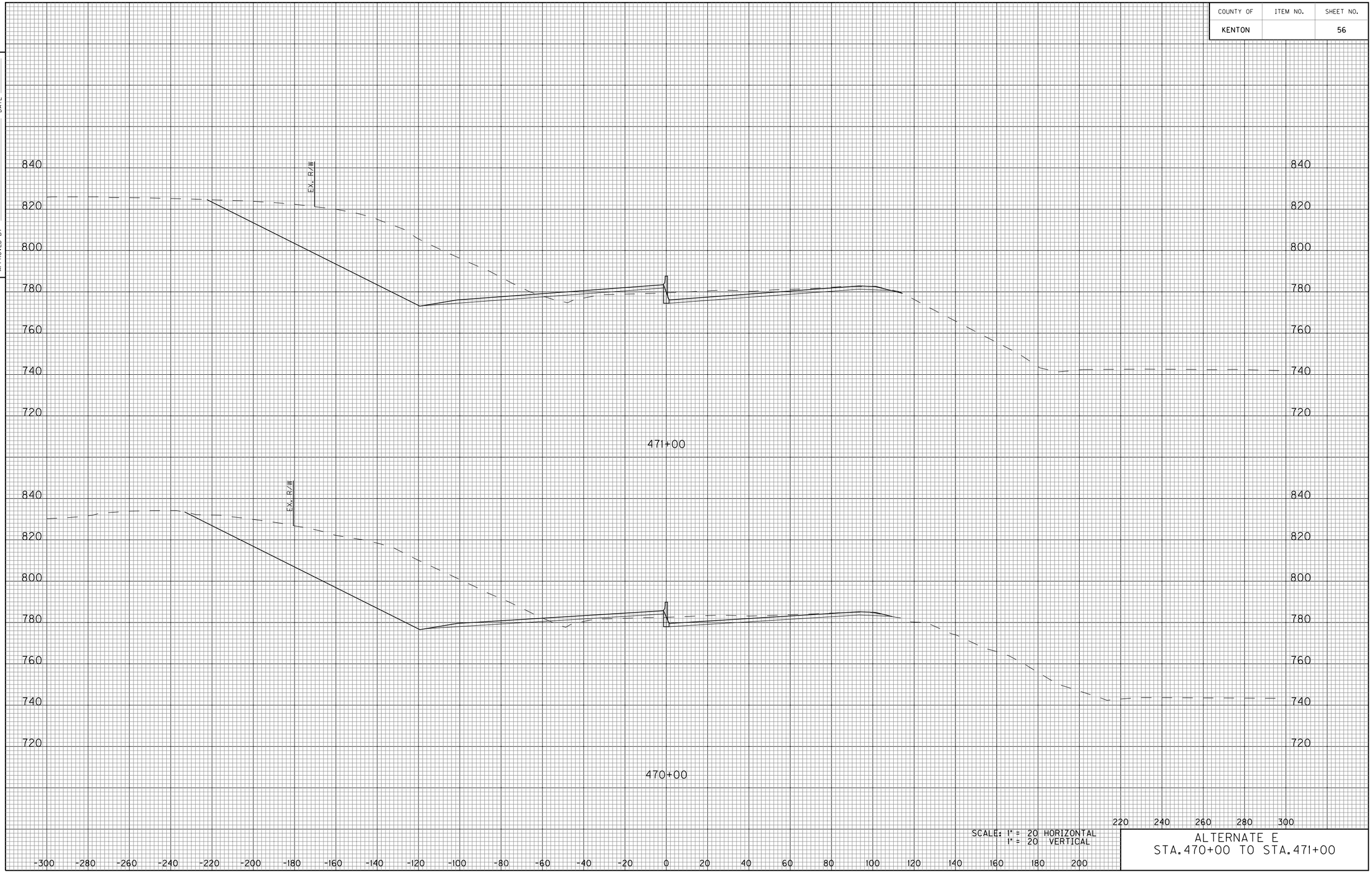
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.469+00 TO STA.469+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		56

DATE
DATE
CHECKED BY
APPROVED BY



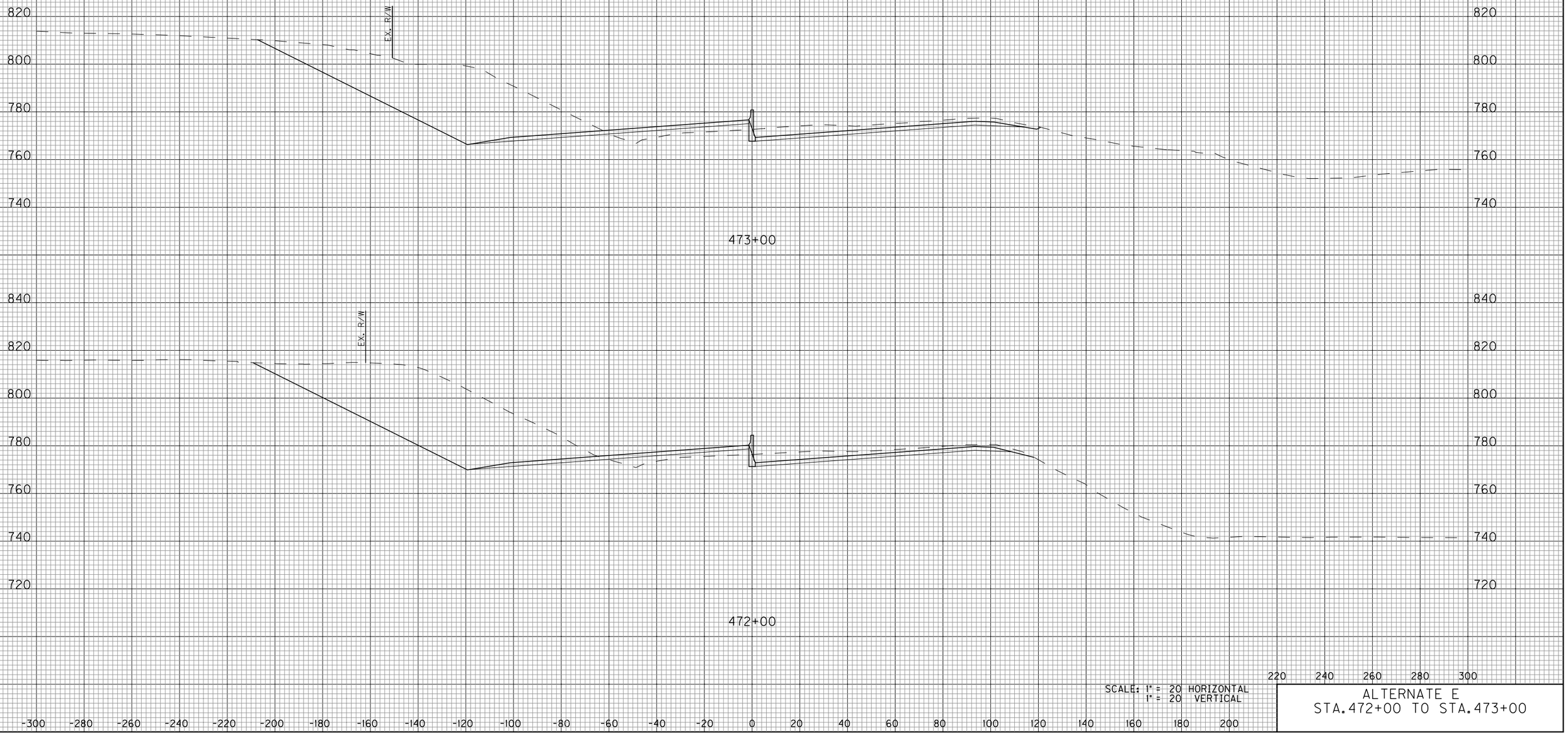
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 470+00 TO STA. 471+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		57

DATE
DATE
CHECKED BY
APPROVED BY



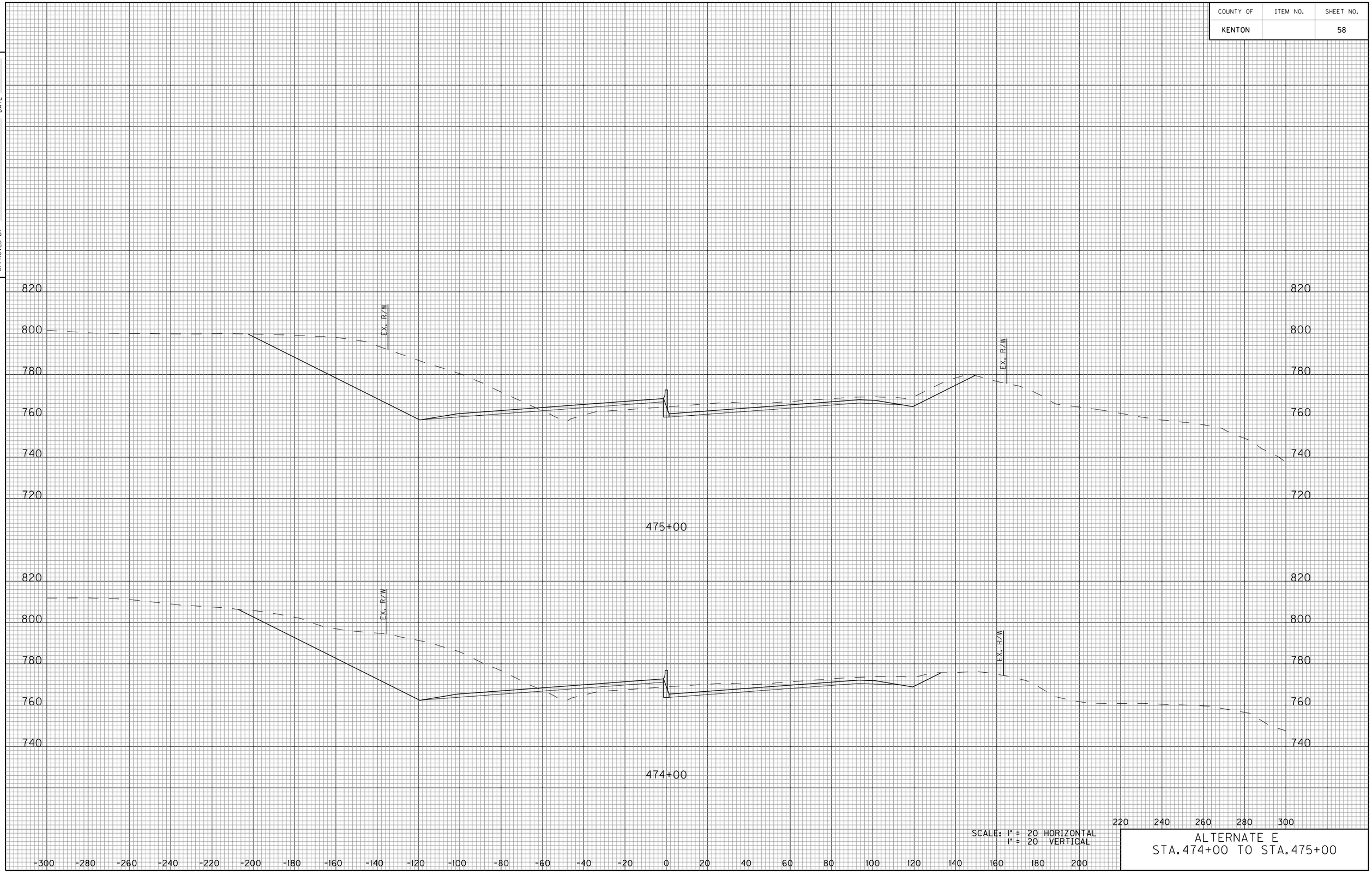
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.472+00 TO STA.473+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		58

DATE
DATE
CHECKED BY
APPROVED BY



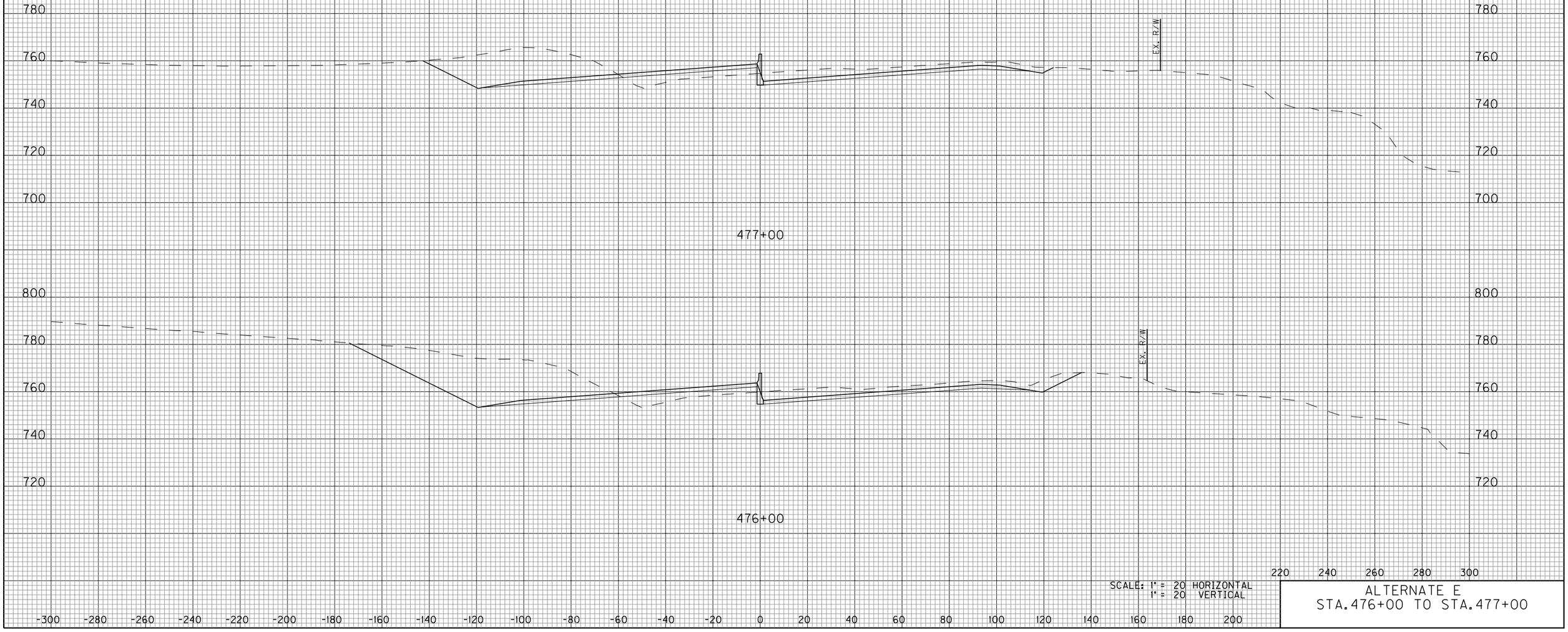
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.474+00 TO STA.475+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		59

DATE
DATE
CHECKED BY
APPROVED BY



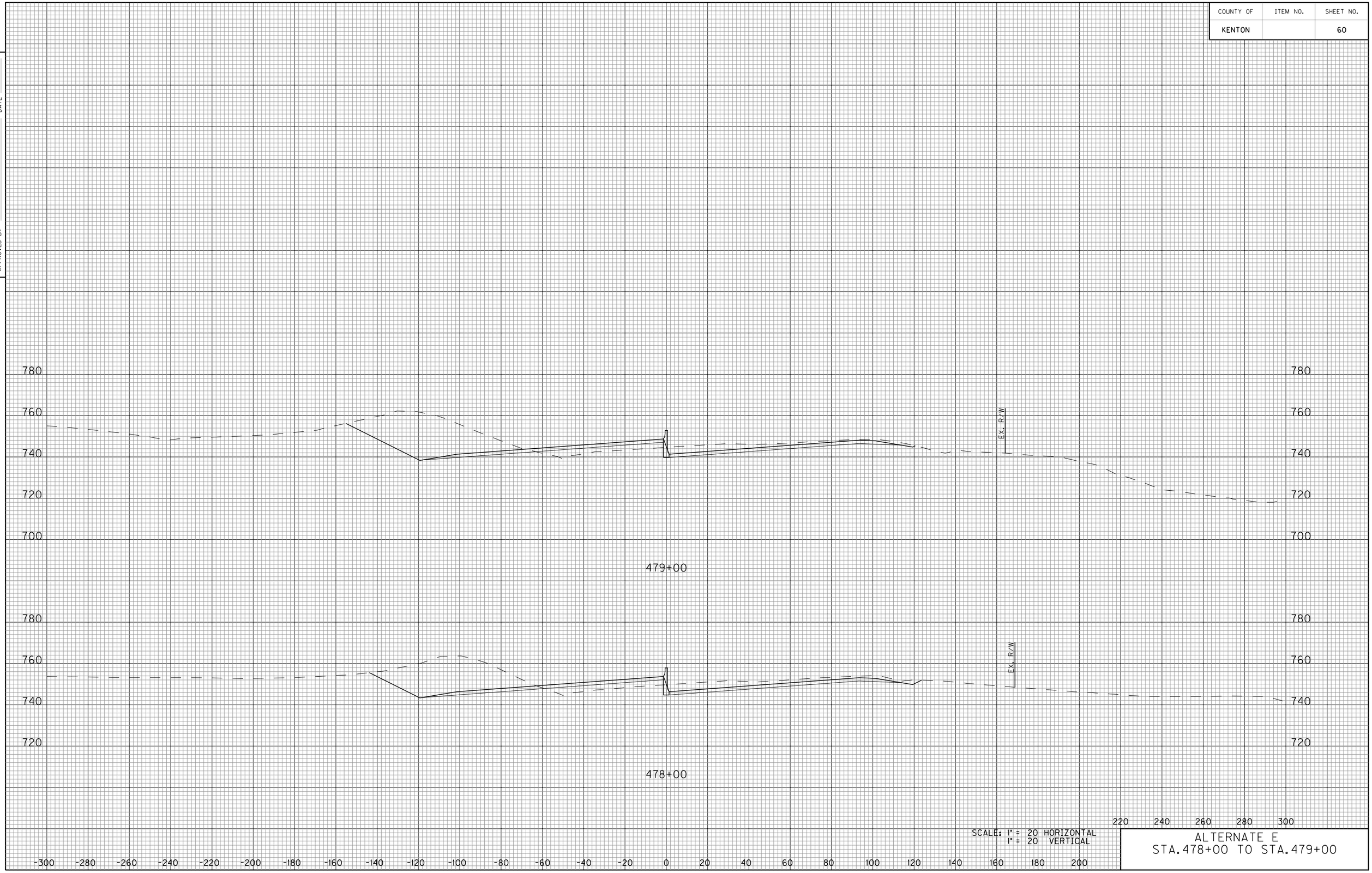
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.476+00 TO STA.477+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		60

DATE
DATE
CHECKED BY
APPROVED BY



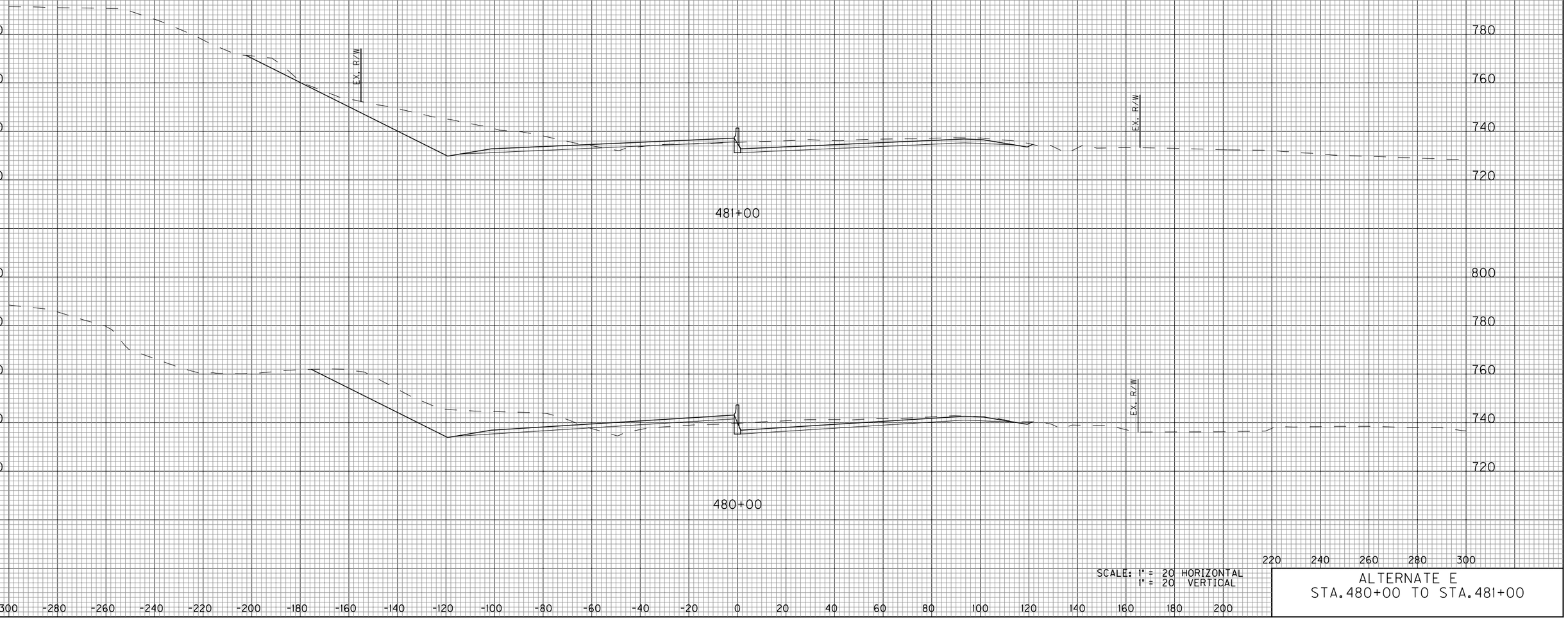
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.478+00 TO STA.479+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		61

DATE
DATE
CHECKED BY
APPROVED BY



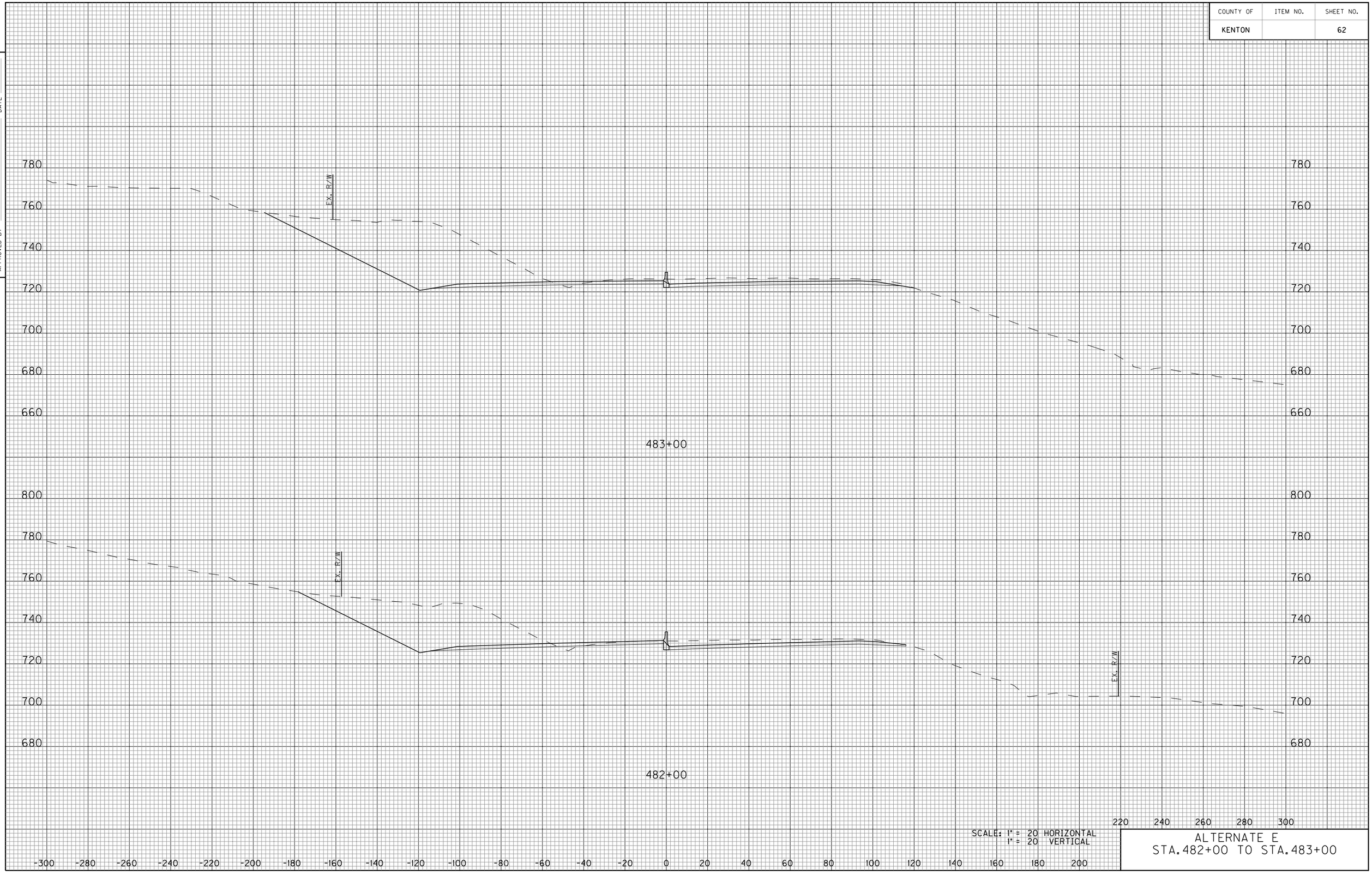
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 480+00 TO STA. 481+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		62

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 482+00 TO STA. 483+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		63

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 484+00 TO STA. 484+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		64

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.485+00 TO STA.485+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		65

DATE
DATE
CHECKED BY
APPROVED BY



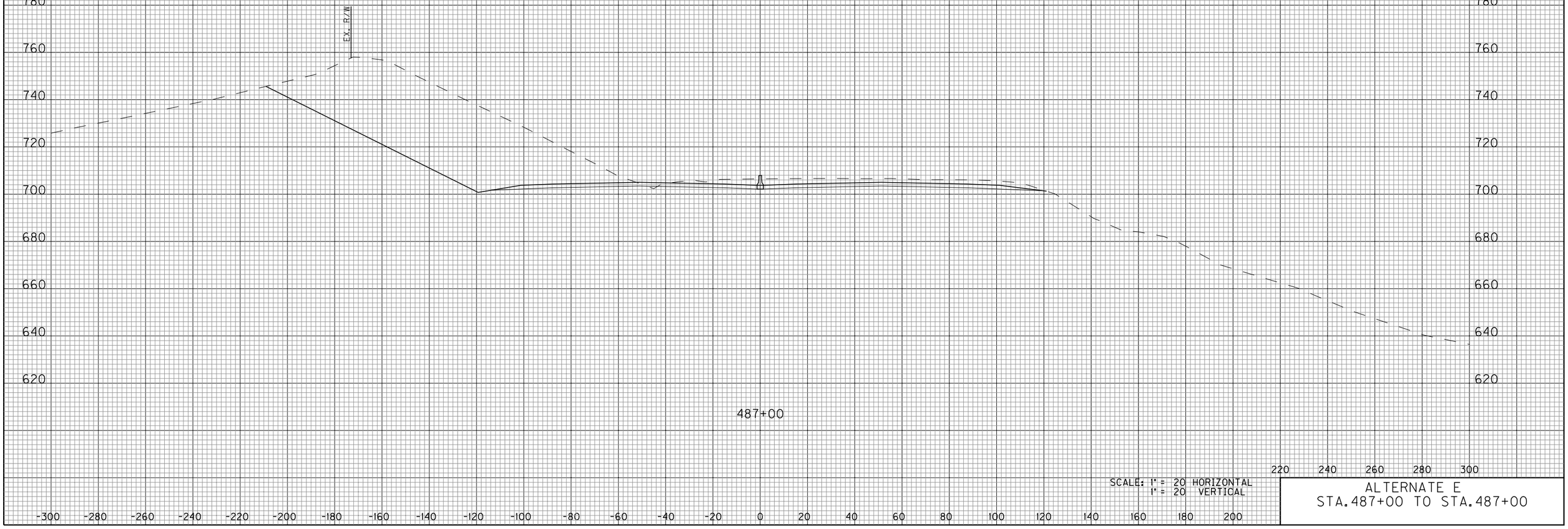
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.486+00 TO STA.486+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		66

DATE
DATE
CHECKED BY
APPROVED BY



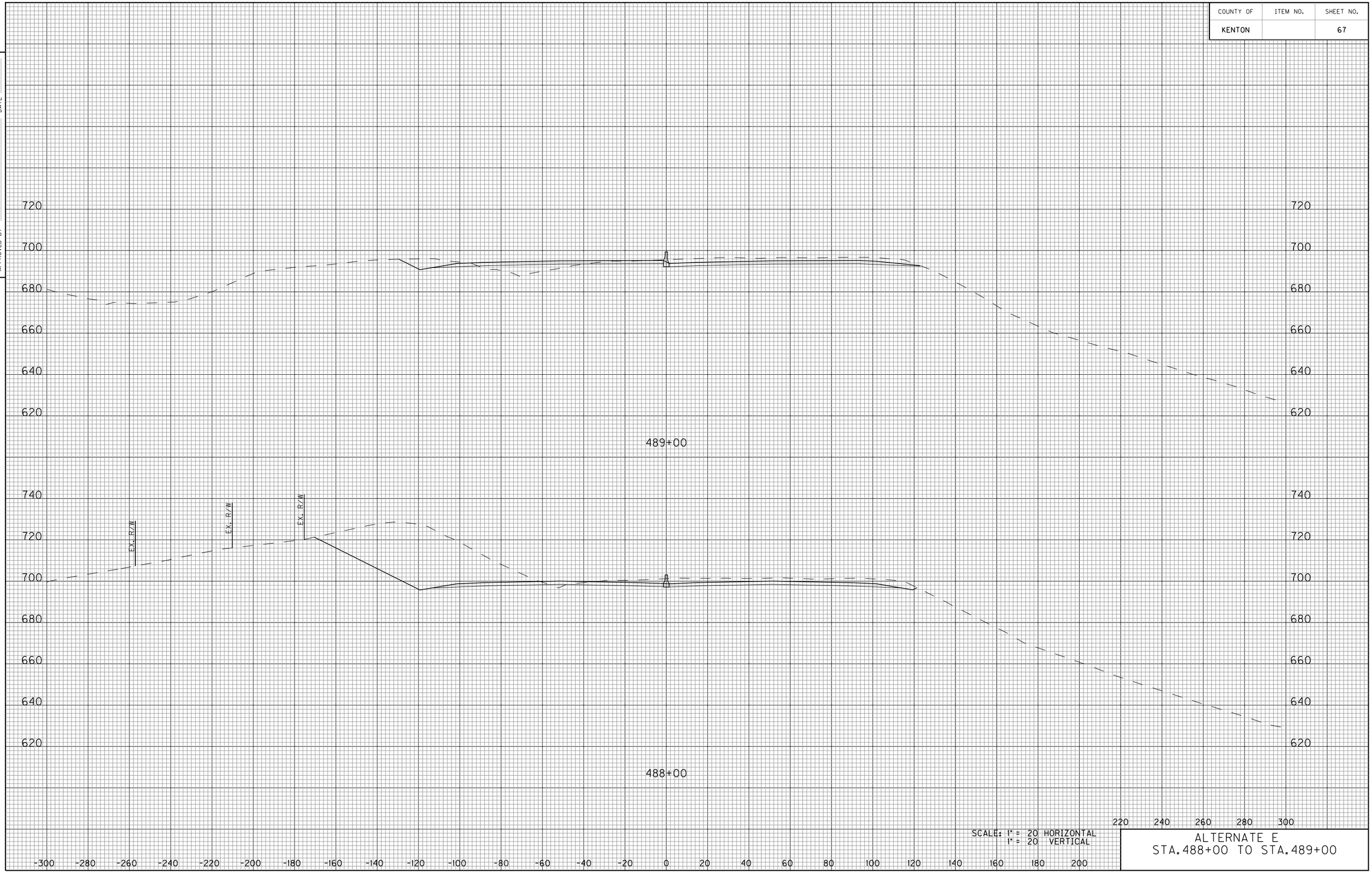
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.487+00 TO STA.487+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		67

DATE
DATE
CHECKED BY
APPROVED BY



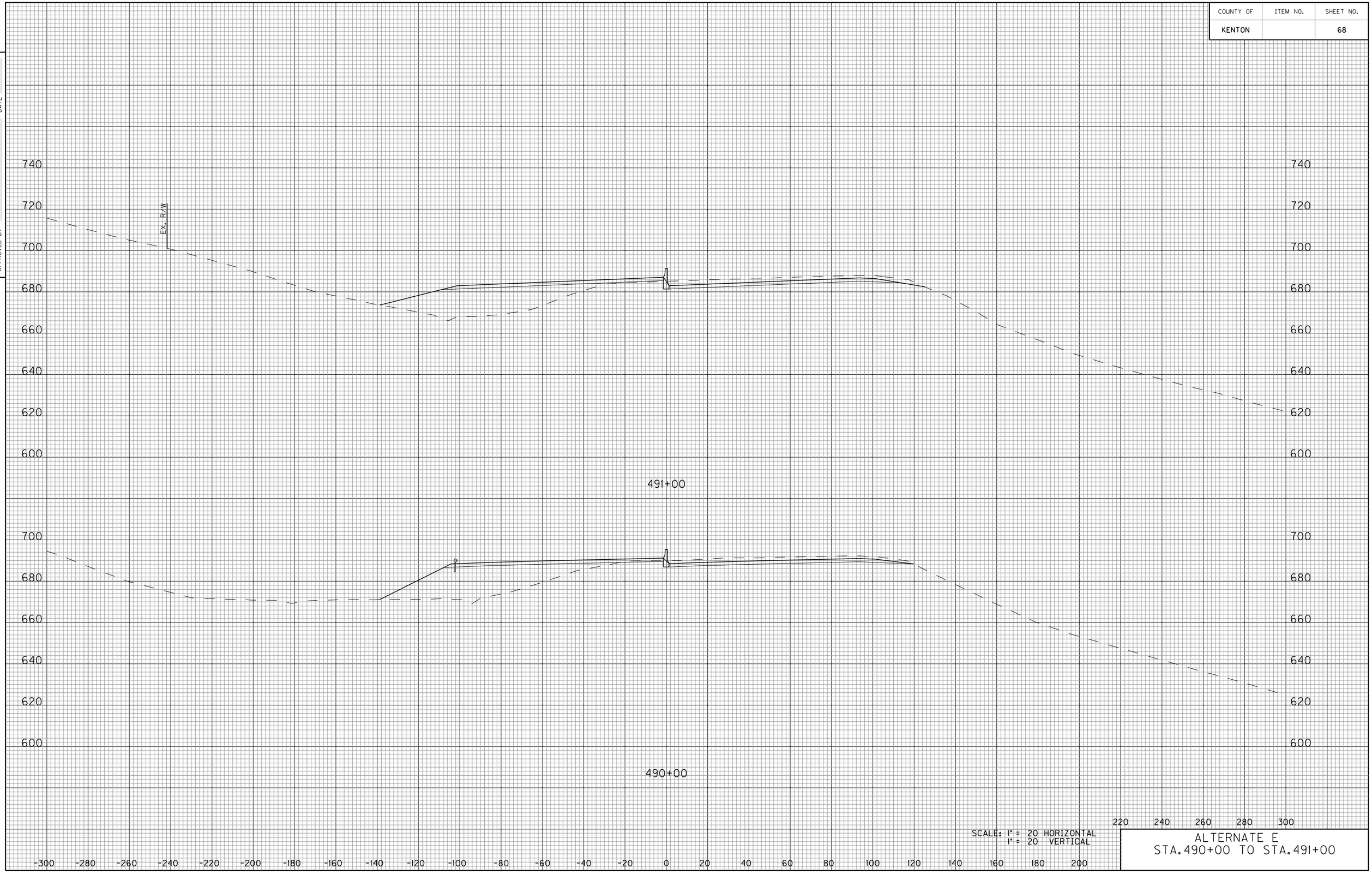
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 488+00 TO STA. 489+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		68

DATE
DATE
CHECKED BY
APPROVED BY



E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA. 490+00 TO STA. 491+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		69

DATE
DATE
CHECKED BY
APPROVED BY

760
740
720
700
680
660
640
620
600

℄ EX. R/W

492+00

-300 -280 -260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.492+00 TO STA.492+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		70

DATE
DATE
CHECKED BY
APPROVED BY



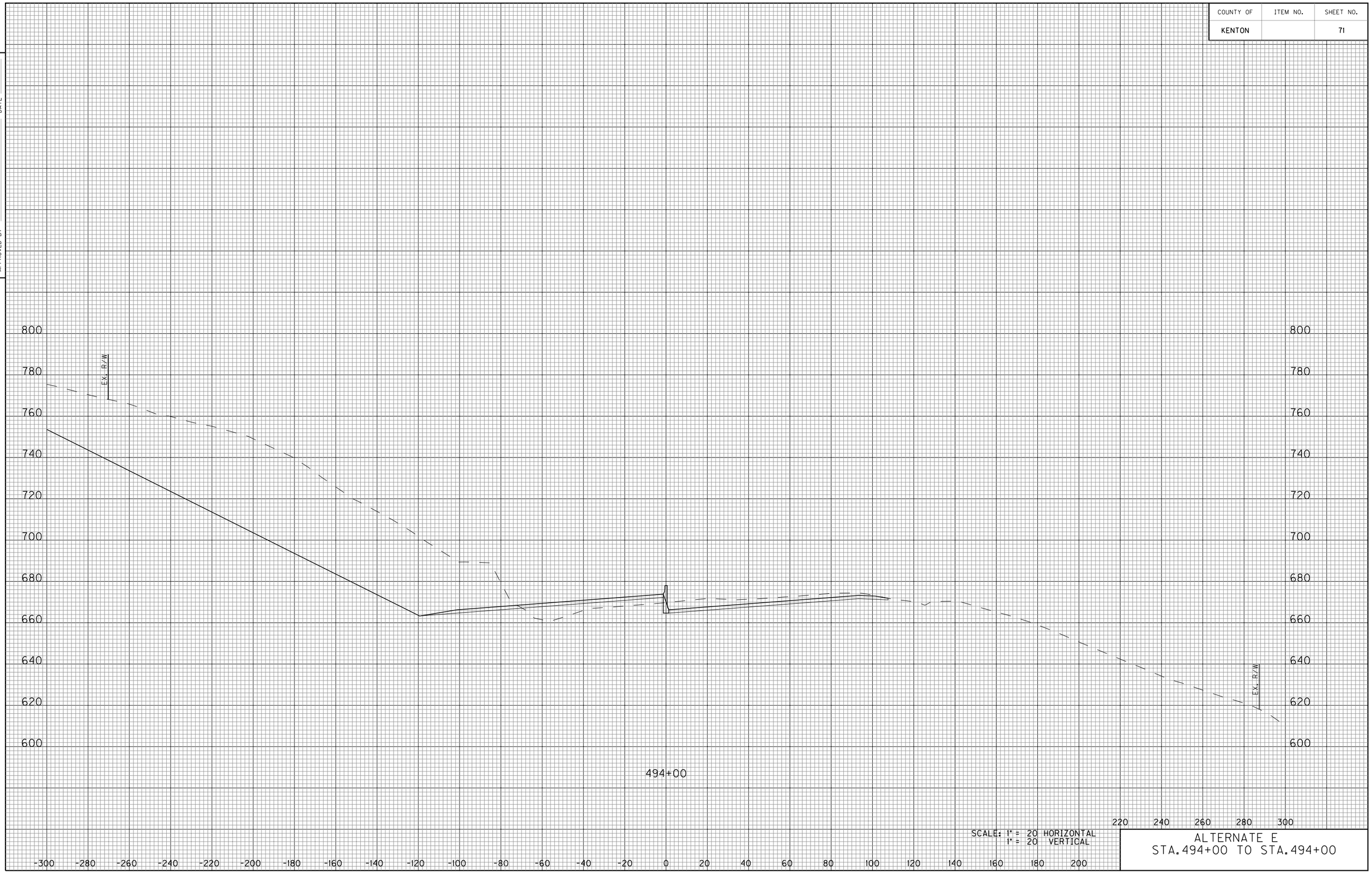
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.493+00 TO STA.493+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		71

DATE
DATE
CHECKED BY
APPROVED BY



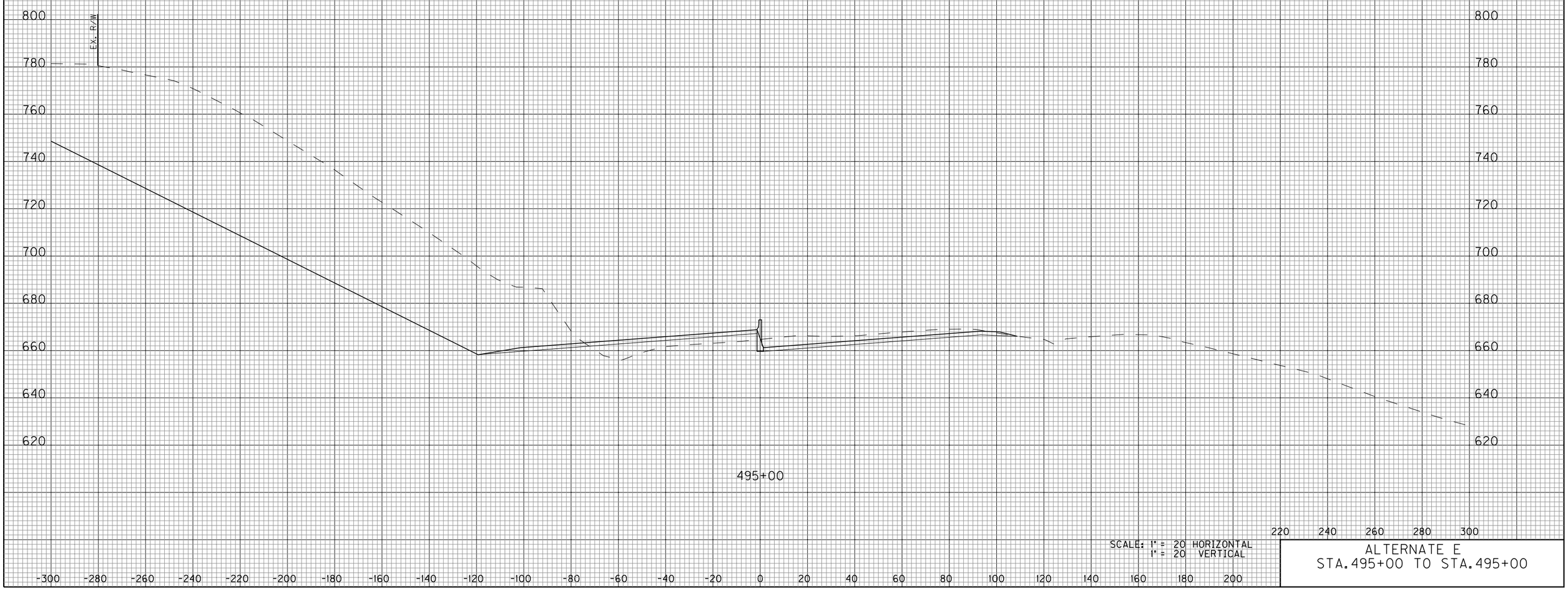
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.494+00 TO STA.494+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		72

DATE
DATE
CHECKED BY
APPROVED BY



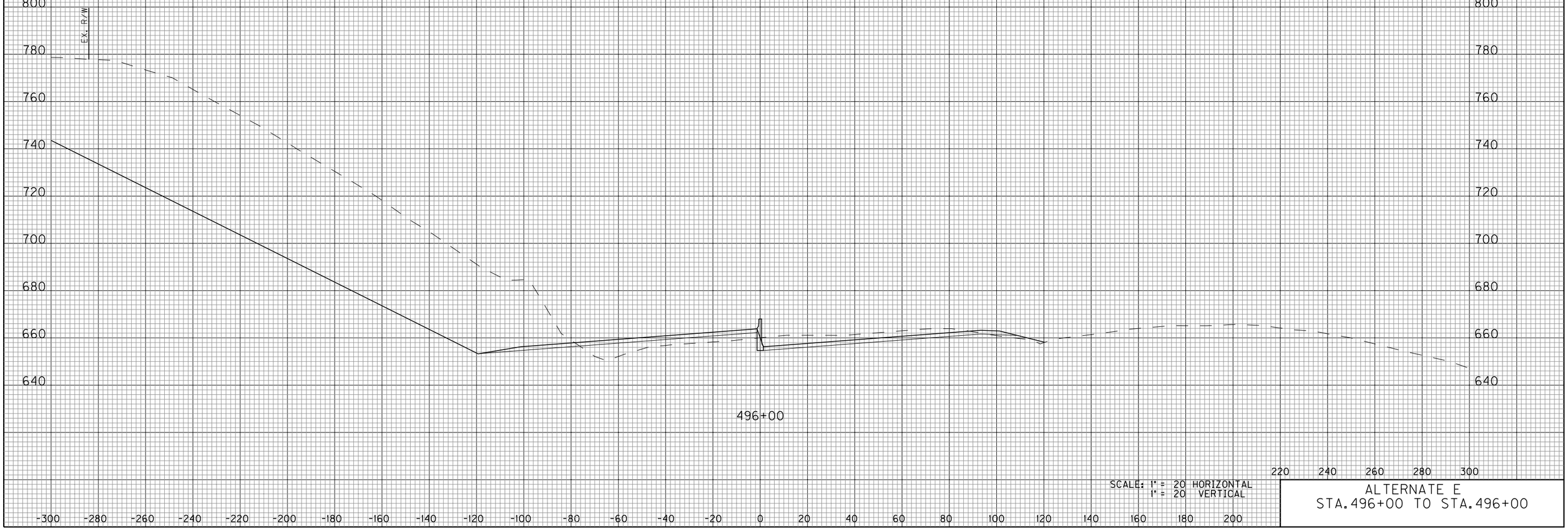
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.495+00 TO STA.495+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		73

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.496+00 TO STA.496+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		74

DATE
DATE
CHECKED BY
APPROVED BY



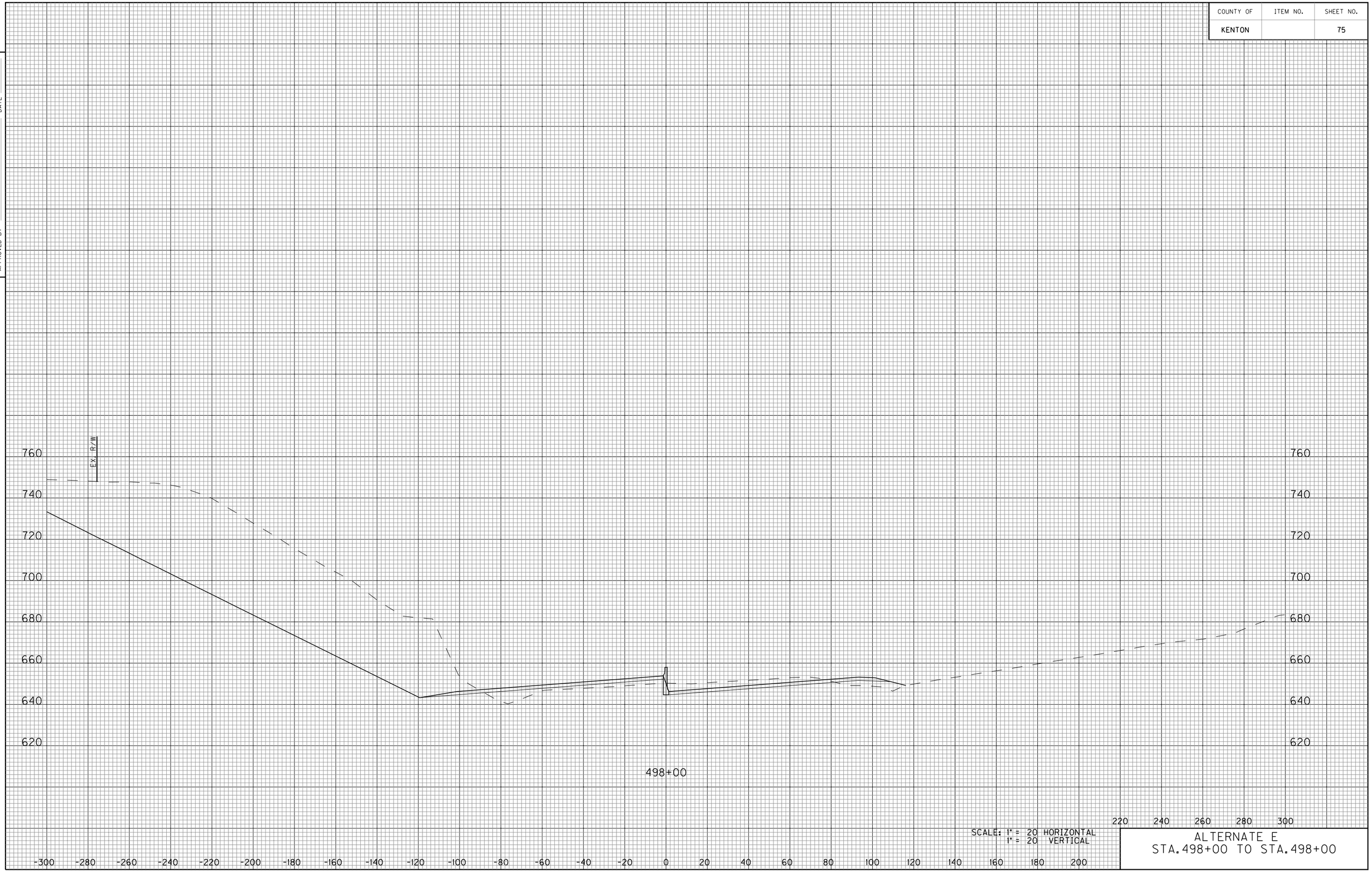
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.497+00 TO STA.497+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		75

DATE
DATE
CHECKED BY
APPROVED BY



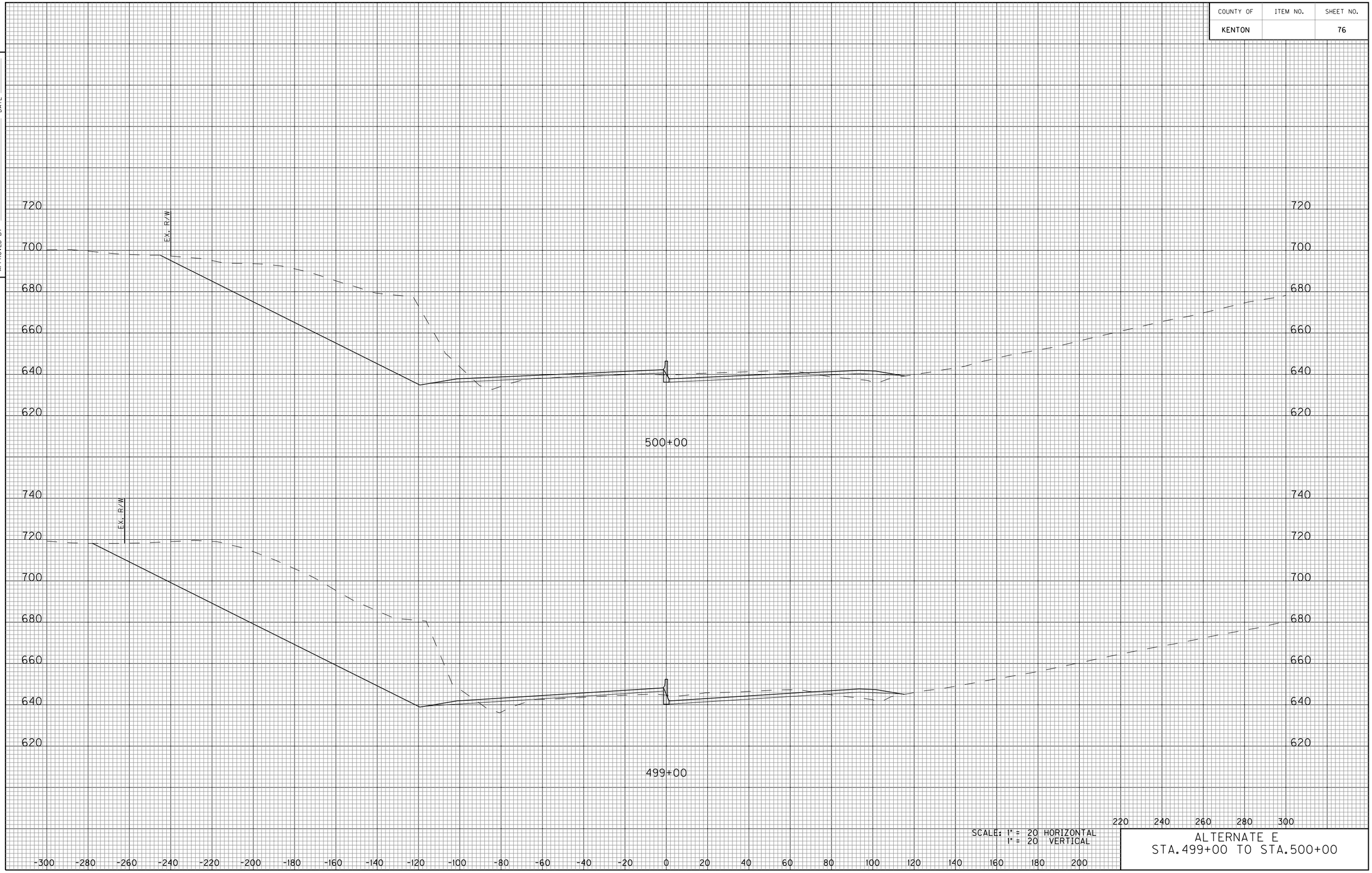
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.498+00 TO STA.498+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		76

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.499+00 TO STA.500+00

E-SHEET NAME:

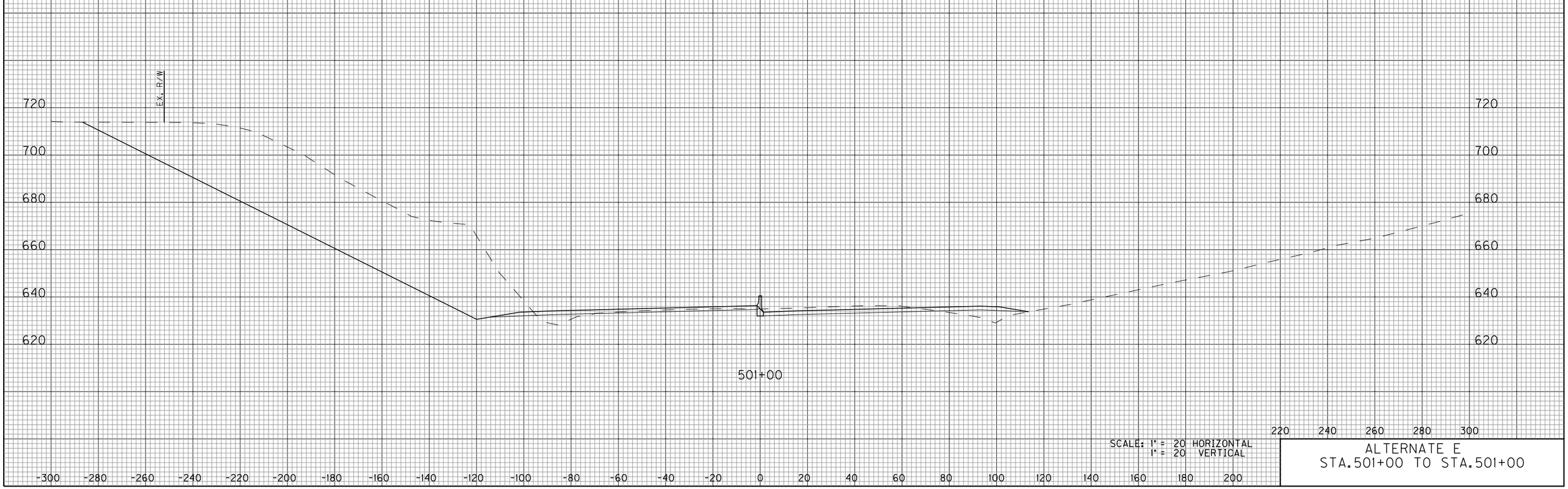
COUNTY OF	ITEM NO.	SHEET NO.
KENTON		77

DATE

DATE

CHECKED BY

APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.501+00 TO STA.501+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		78

DATE
DATE
CHECKED BY
APPROVED BY

760
740
720
700
680
660
640
620
600

EX. R/W

502+00

-300 -280 -260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.502+00 TO STA.502+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		79

DATE
DATE
CHECKED BY
APPROVED BY



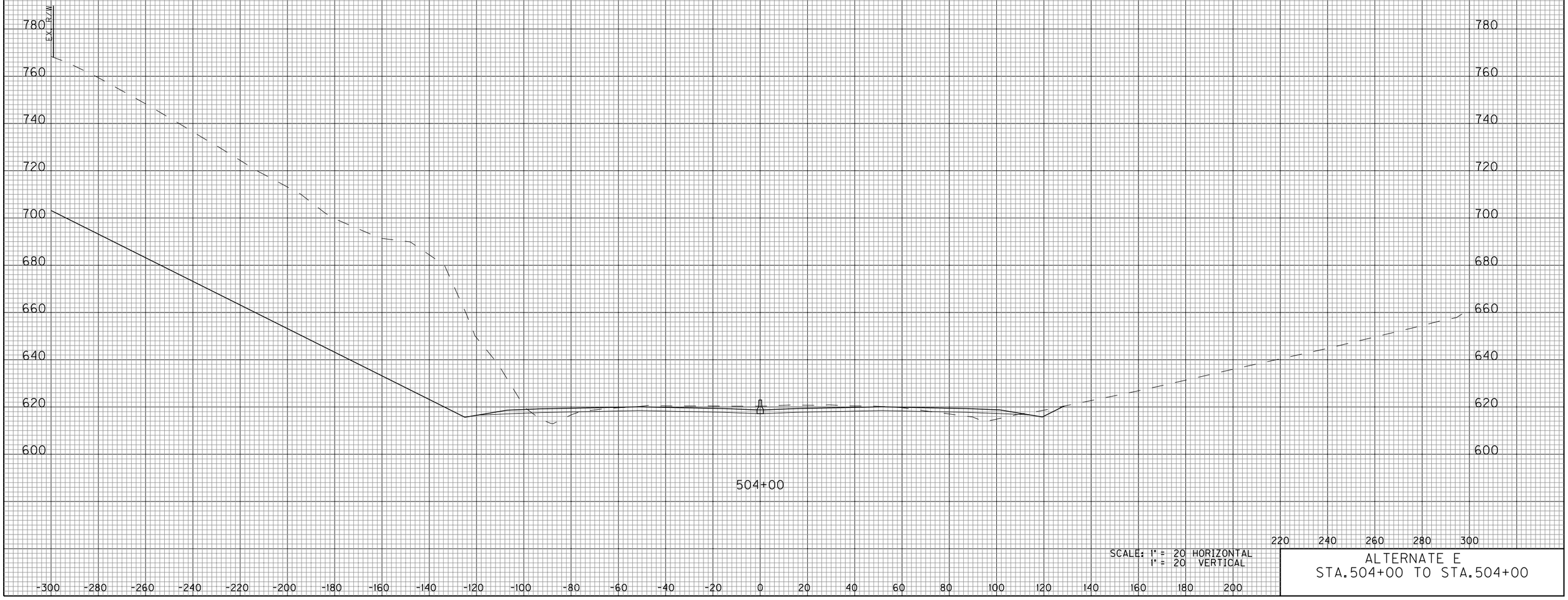
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.503+00 TO STA.503+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		80

DATE
DATE
CHECKED BY
APPROVED BY



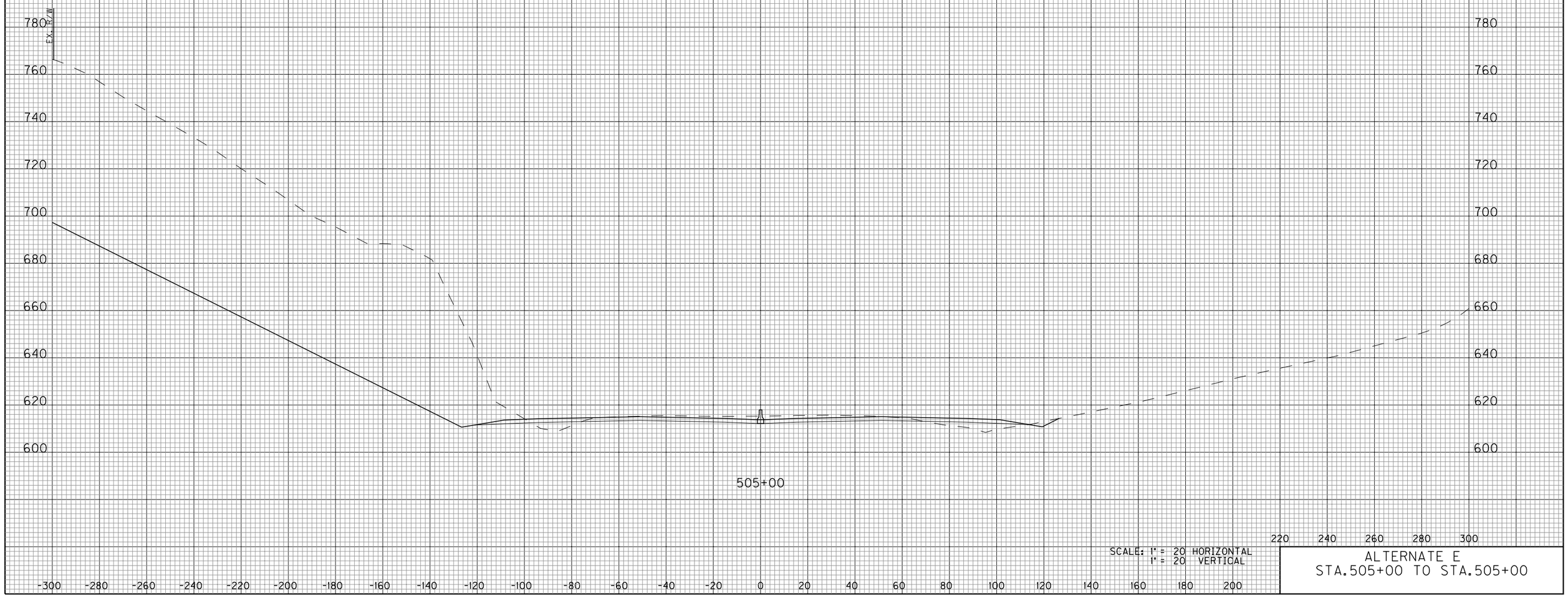
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.504+00 TO STA.504+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		81

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.505+00 TO STA.505+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		82

DATE
DATE
CHECKED BY
APPROVED BY



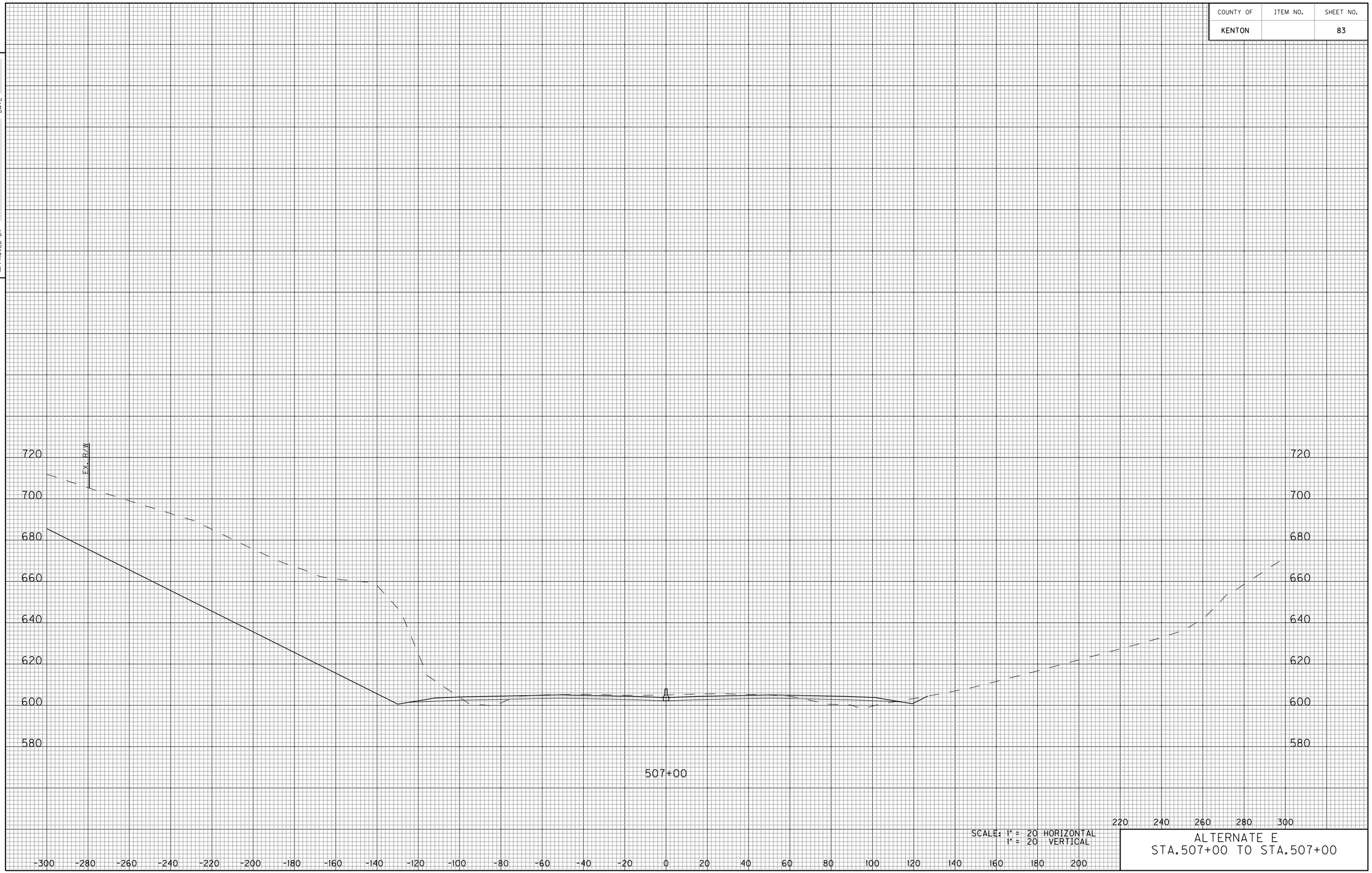
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.506+00 TO STA.506+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		83

DATE
DATE
CHECKED BY
APPROVED BY



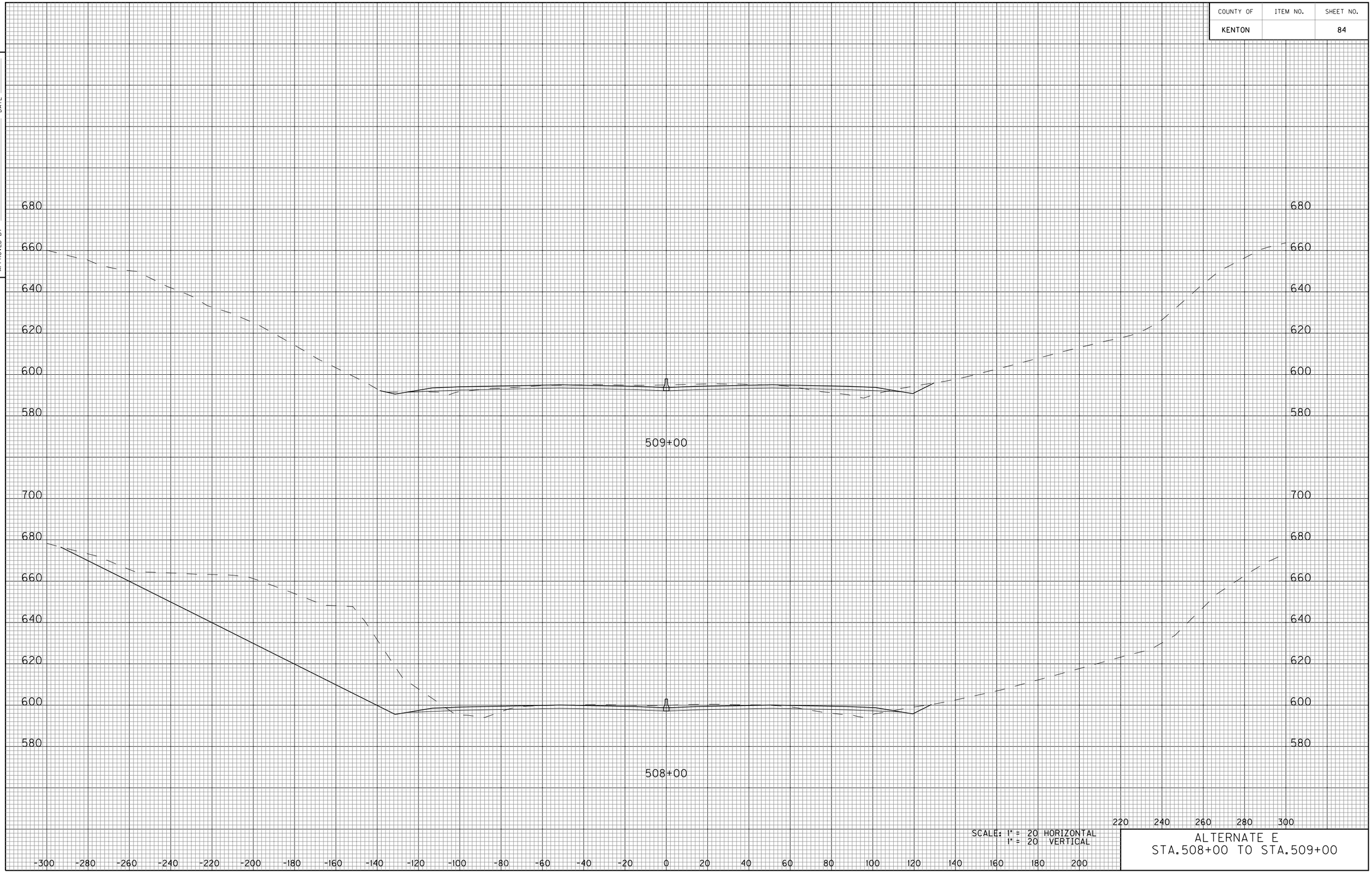
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.507+00 TO STA.507+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		84

DATE
DATE
CHECKED BY
APPROVED BY



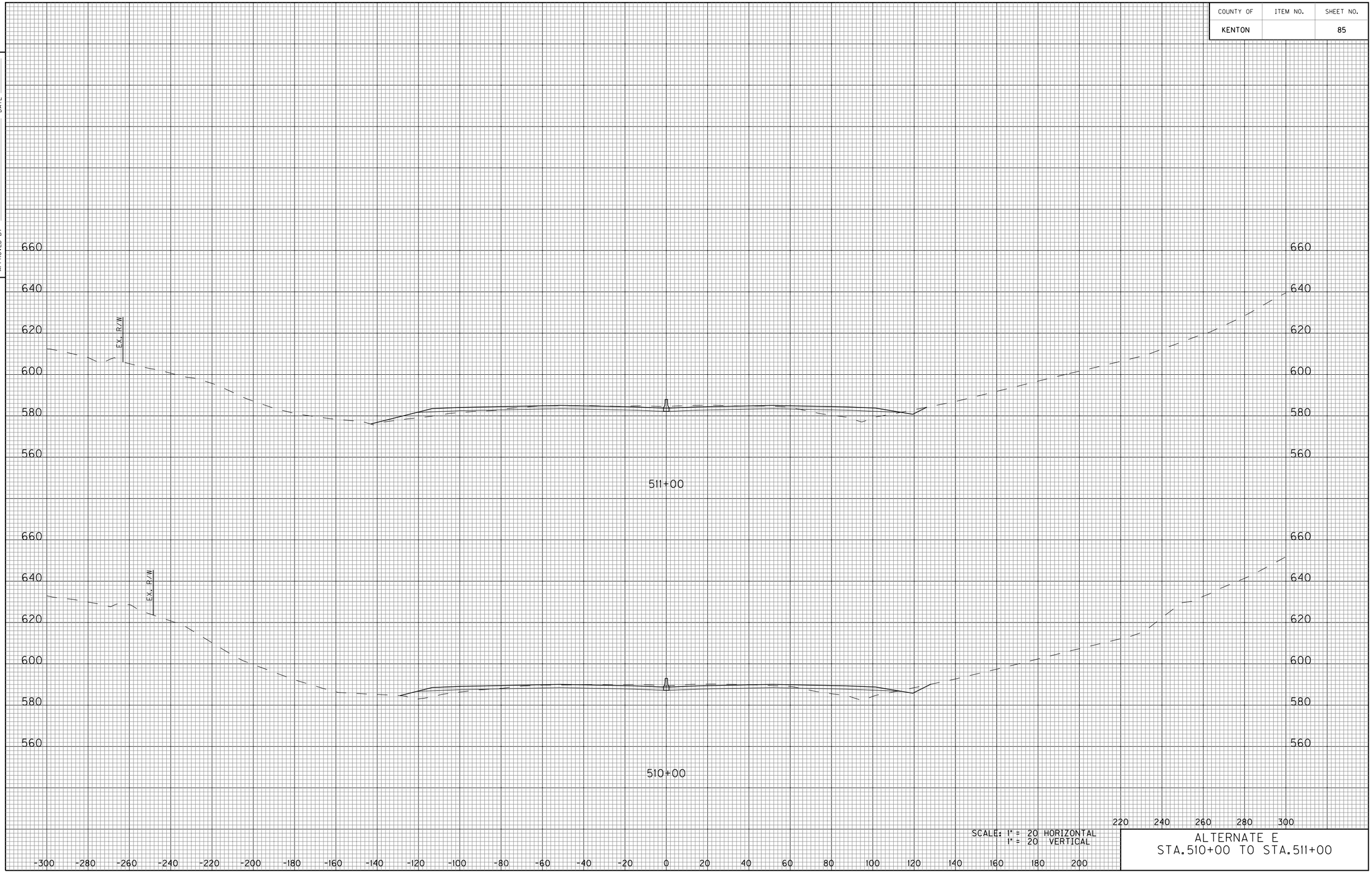
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.508+00 TO STA.509+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		85

DATE
DATE
CHECKED BY
APPROVED BY



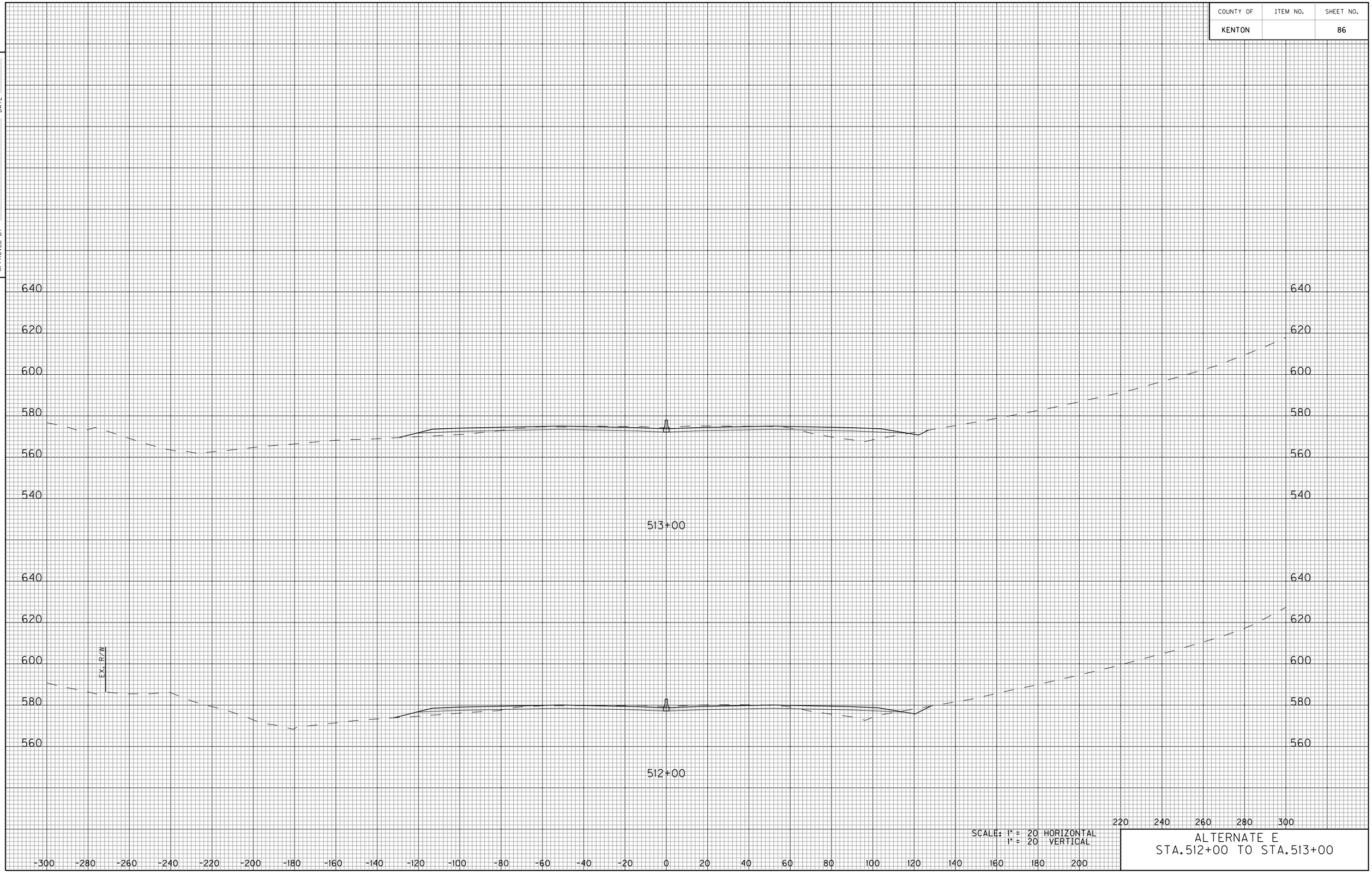
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.510+00 TO STA.511+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		86

DATE
DATE
CHECKED BY
APPROVED BY



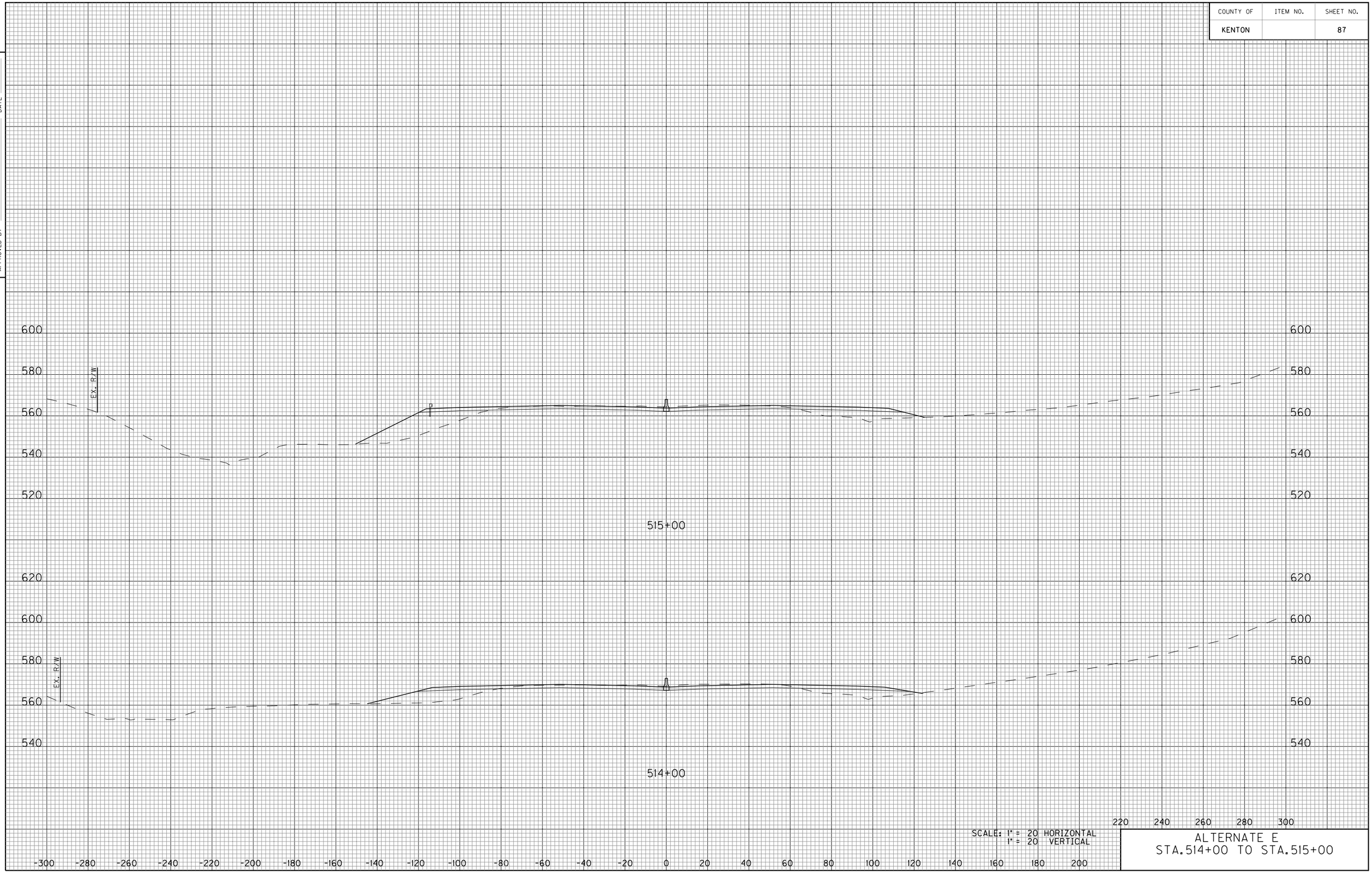
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.512+00 TO STA.513+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		87

DATE
DATE
CHECKED BY
APPROVED BY



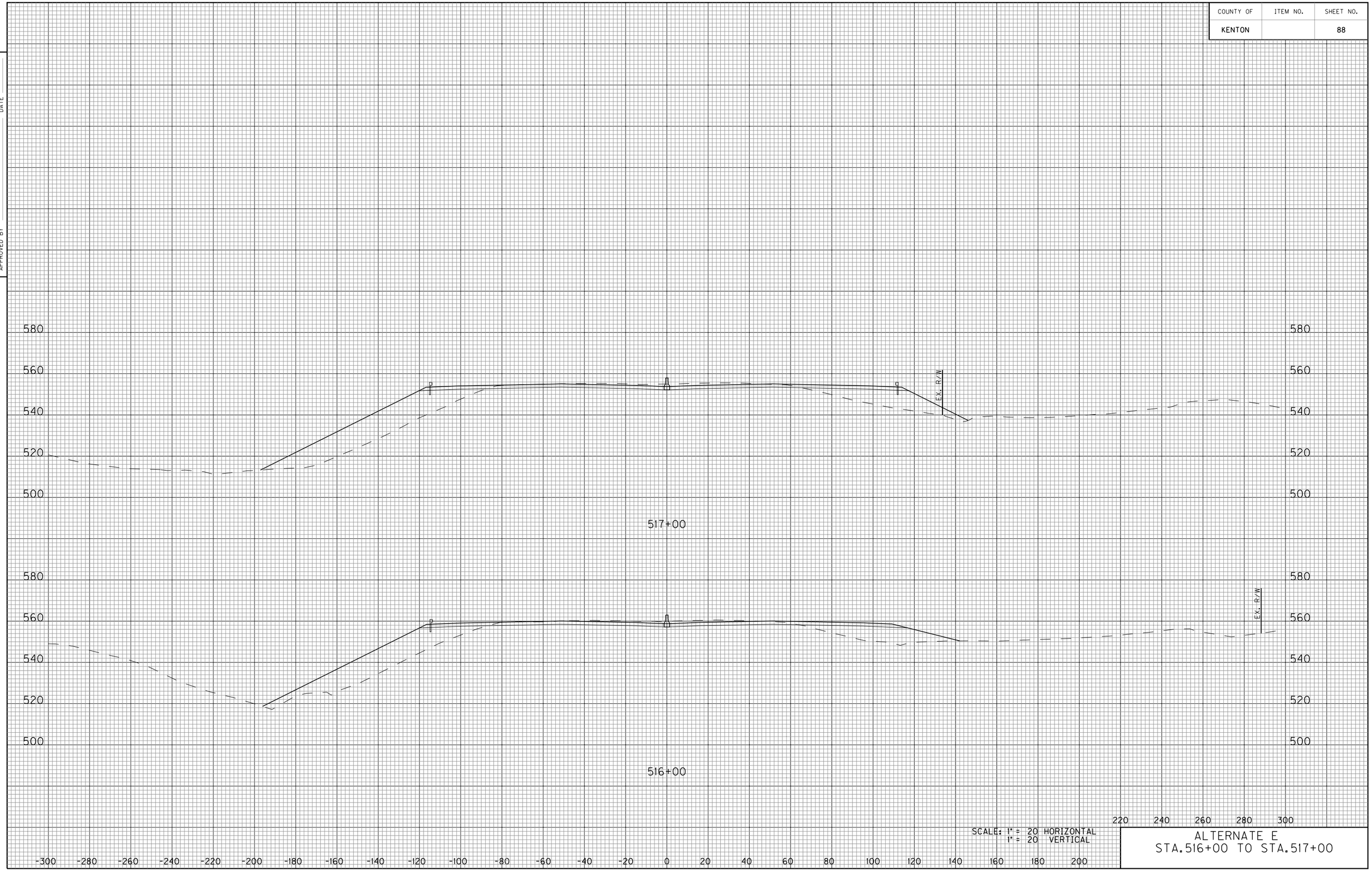
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.514+00 TO STA.515+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		88

DATE
DATE
CHECKED BY
APPROVED BY



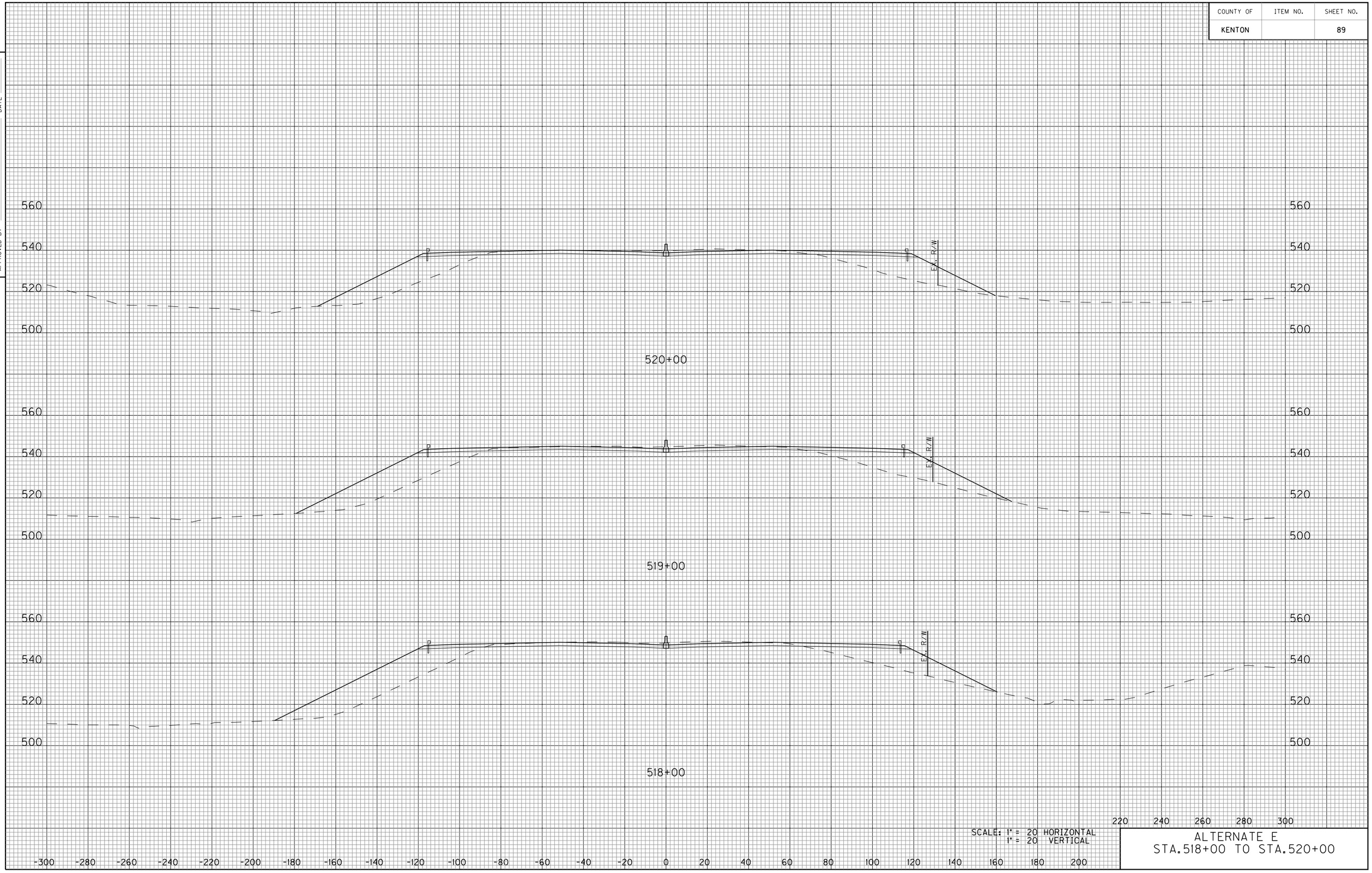
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.516+00 TO STA.517+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		89

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.518+00 TO STA.520+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		90

DATE
DATE
CHECKED BY
APPROVED BY

560
540
520
500

523+00

EX. R/W

522+00

EX. R/W

521+00

EX. R/W

-300 -280 -260 -240 -220 -200 -180 -160 -140 -120 -100 -80 -60 -40 -20 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300

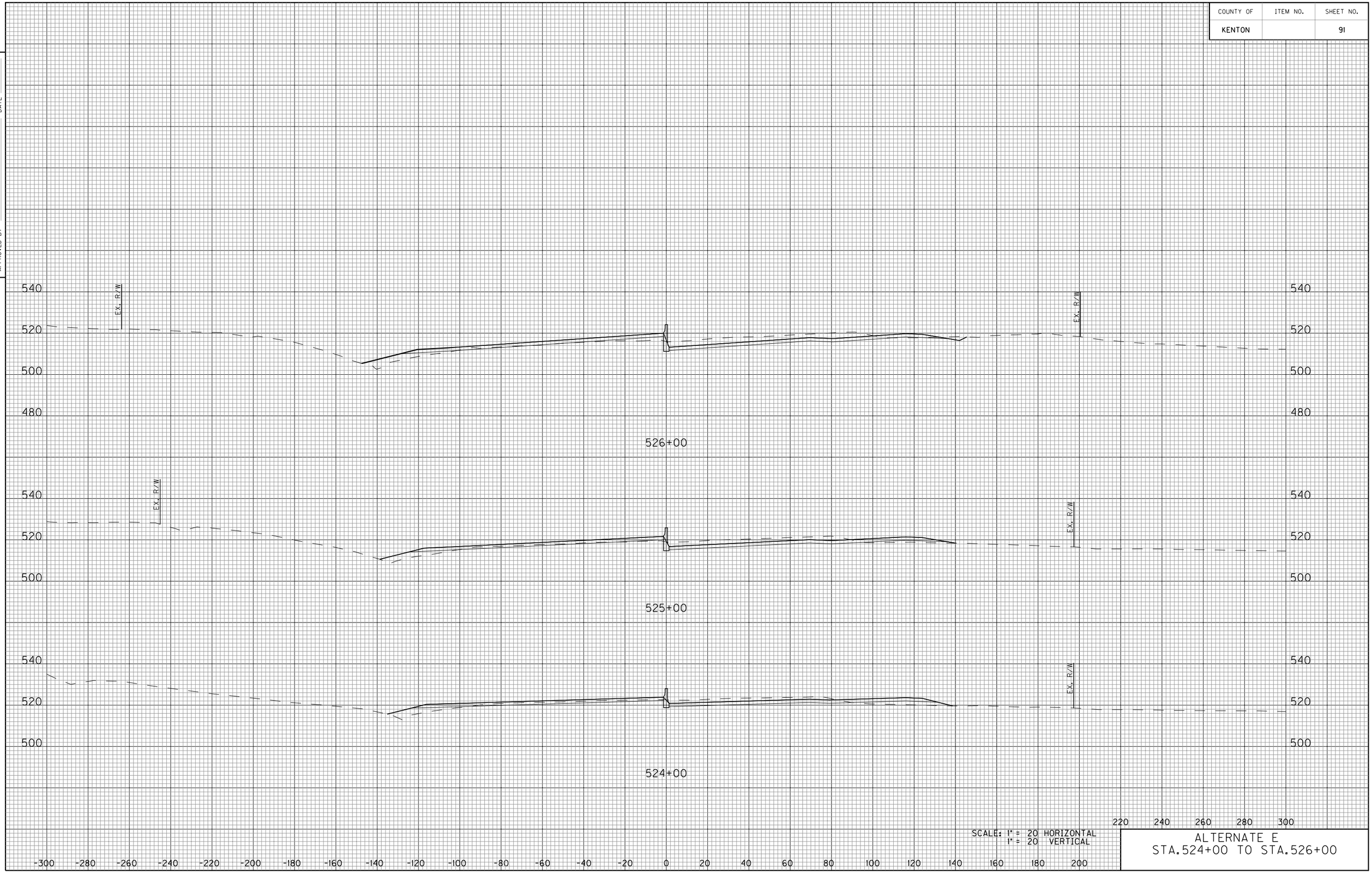
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.521+00 TO STA.523+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		91

DATE
DATE
CHECKED BY
APPROVED BY



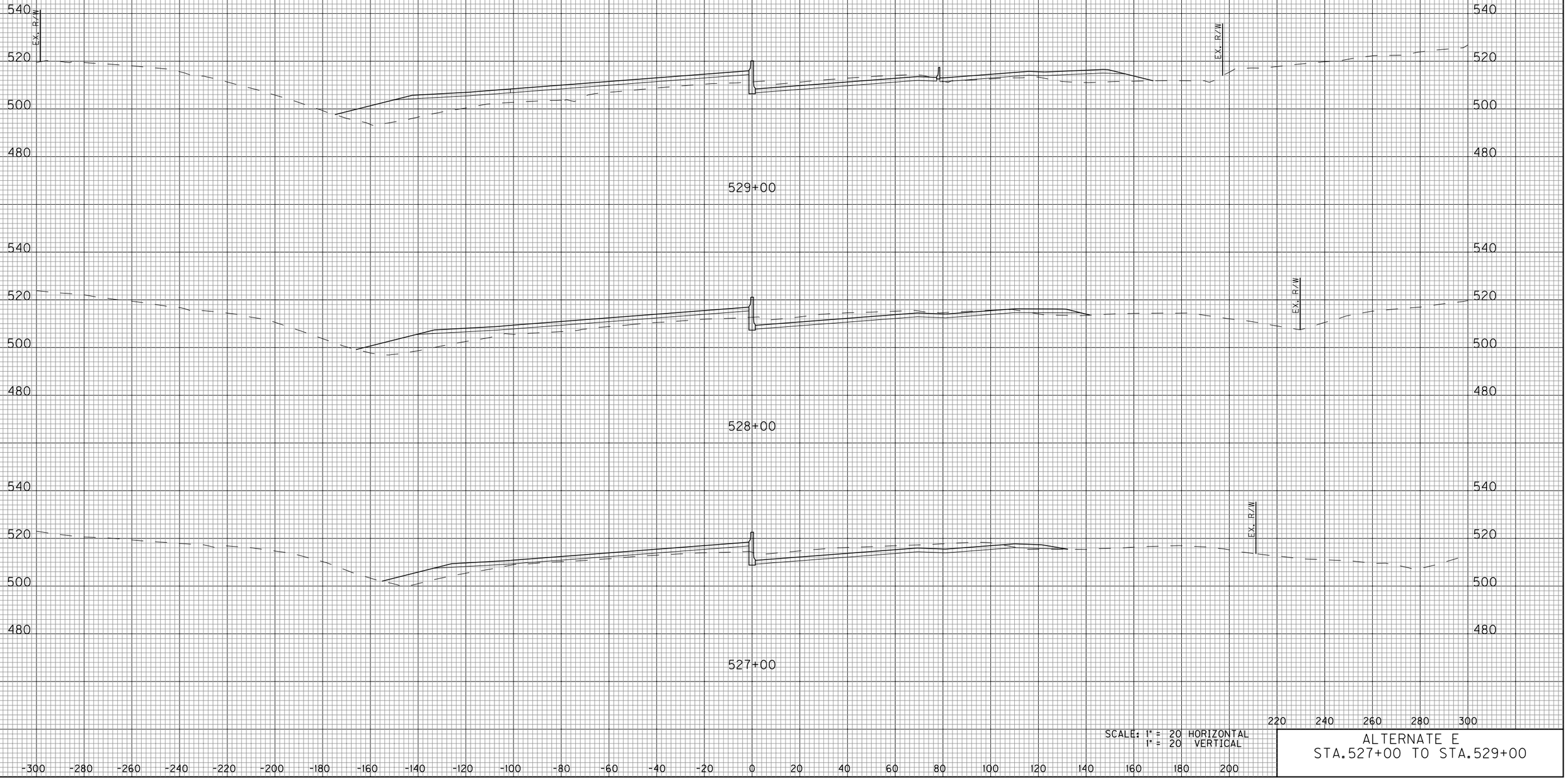
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.524+00 TO STA.526+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		92

DATE
DATE
CHECKED BY
APPROVED BY



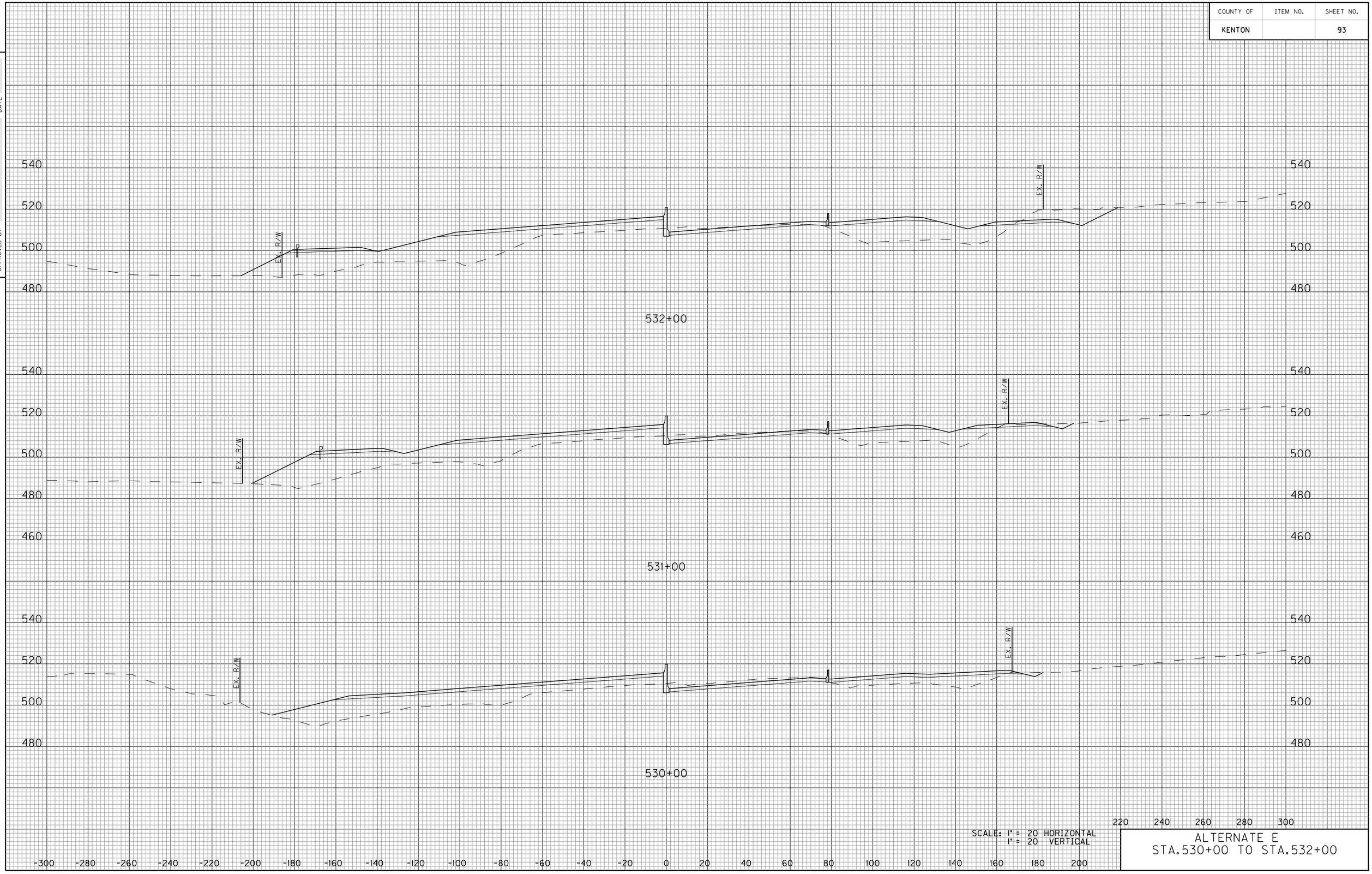
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.527+00 TO STA.529+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		93

DATE
DATE
CHECKED BY
APPROVED BY



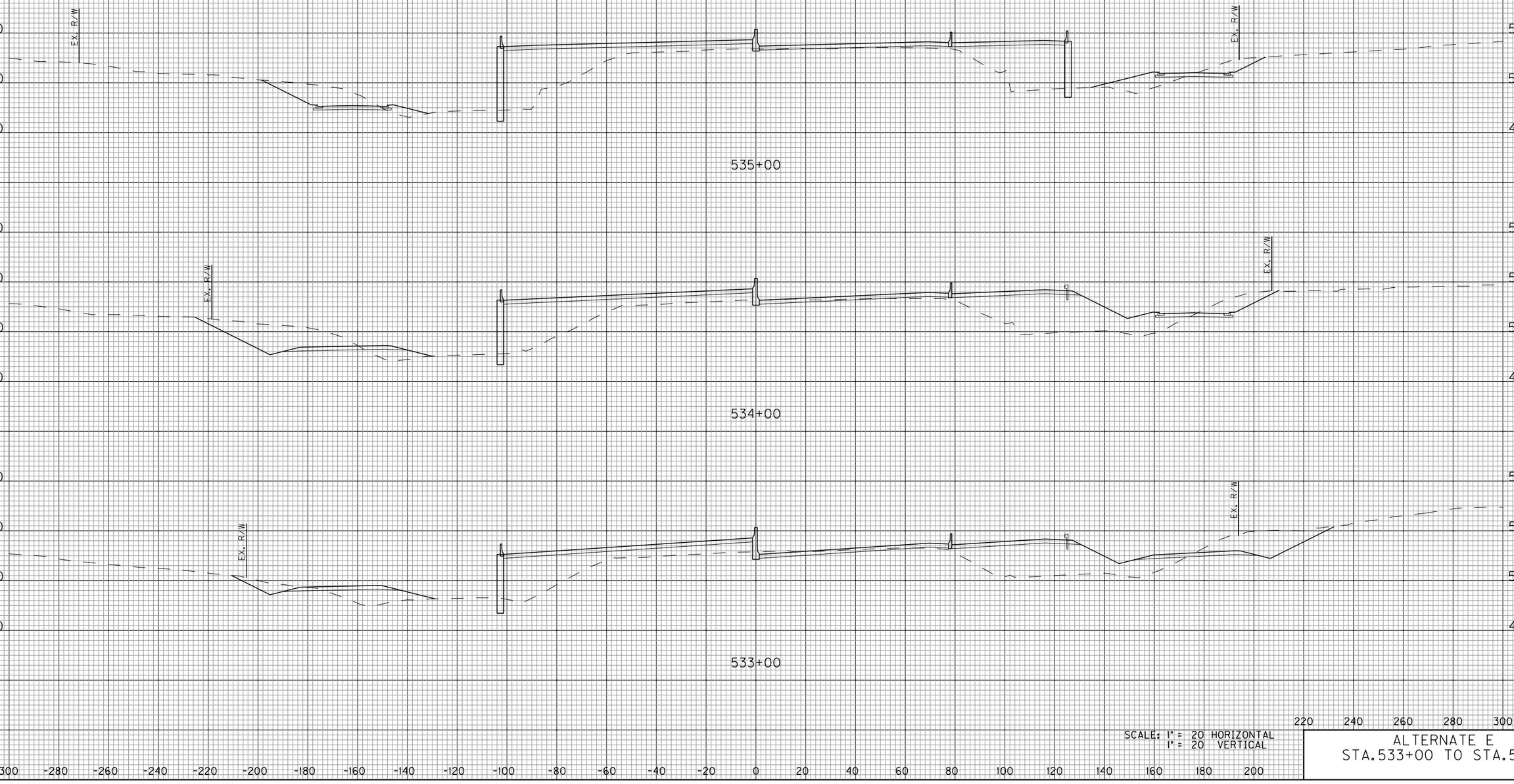
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.530+00 TO STA.532+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		94

DATE
DATE
CHECKED BY
APPROVED BY



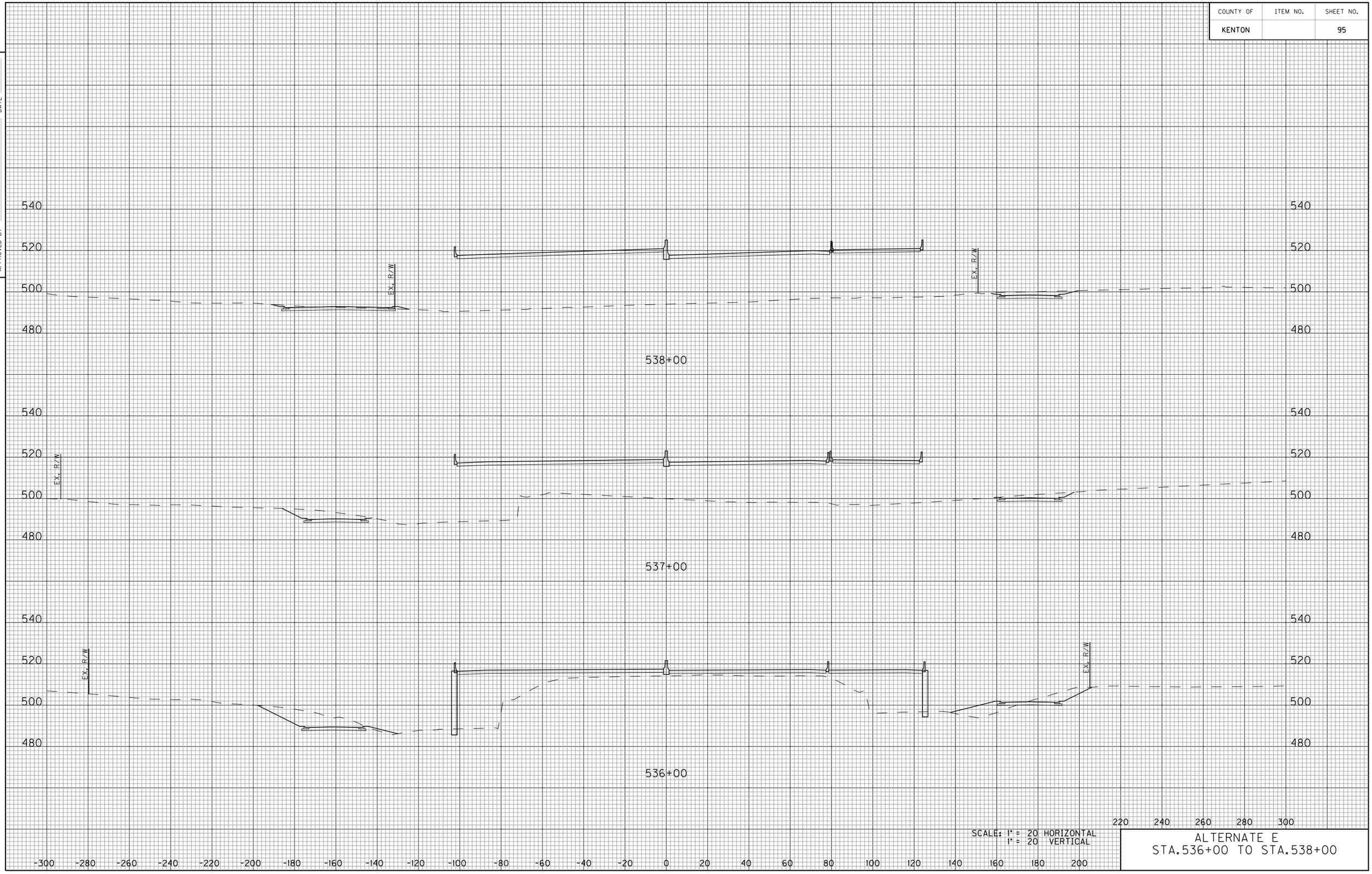
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.533+00 TO STA.535+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		95

DATE
DATE
CHECKED BY
APPROVED BY



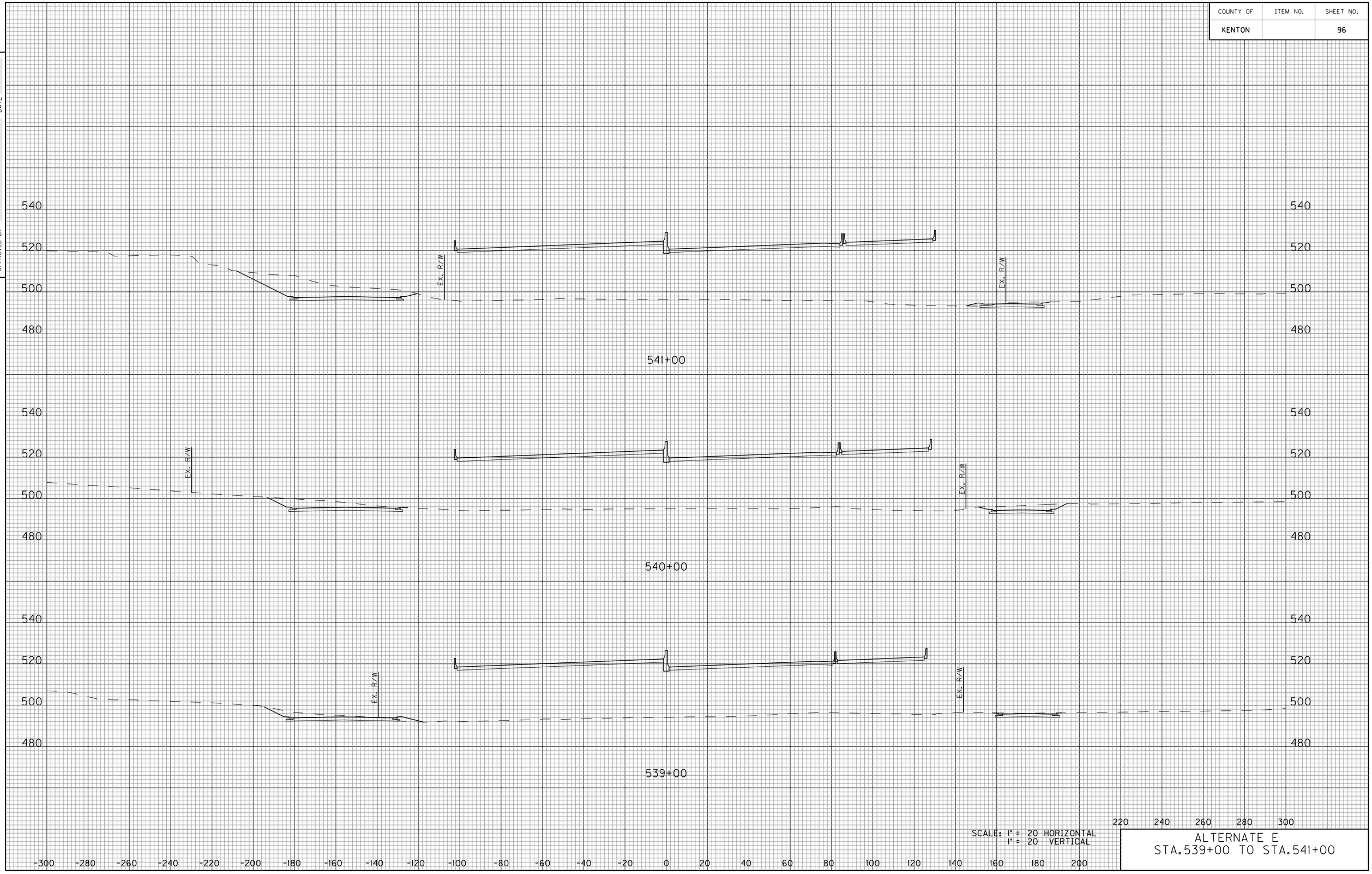
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.536+00 TO STA.538+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		96

DATE
DATE
CHECKED BY
APPROVED BY



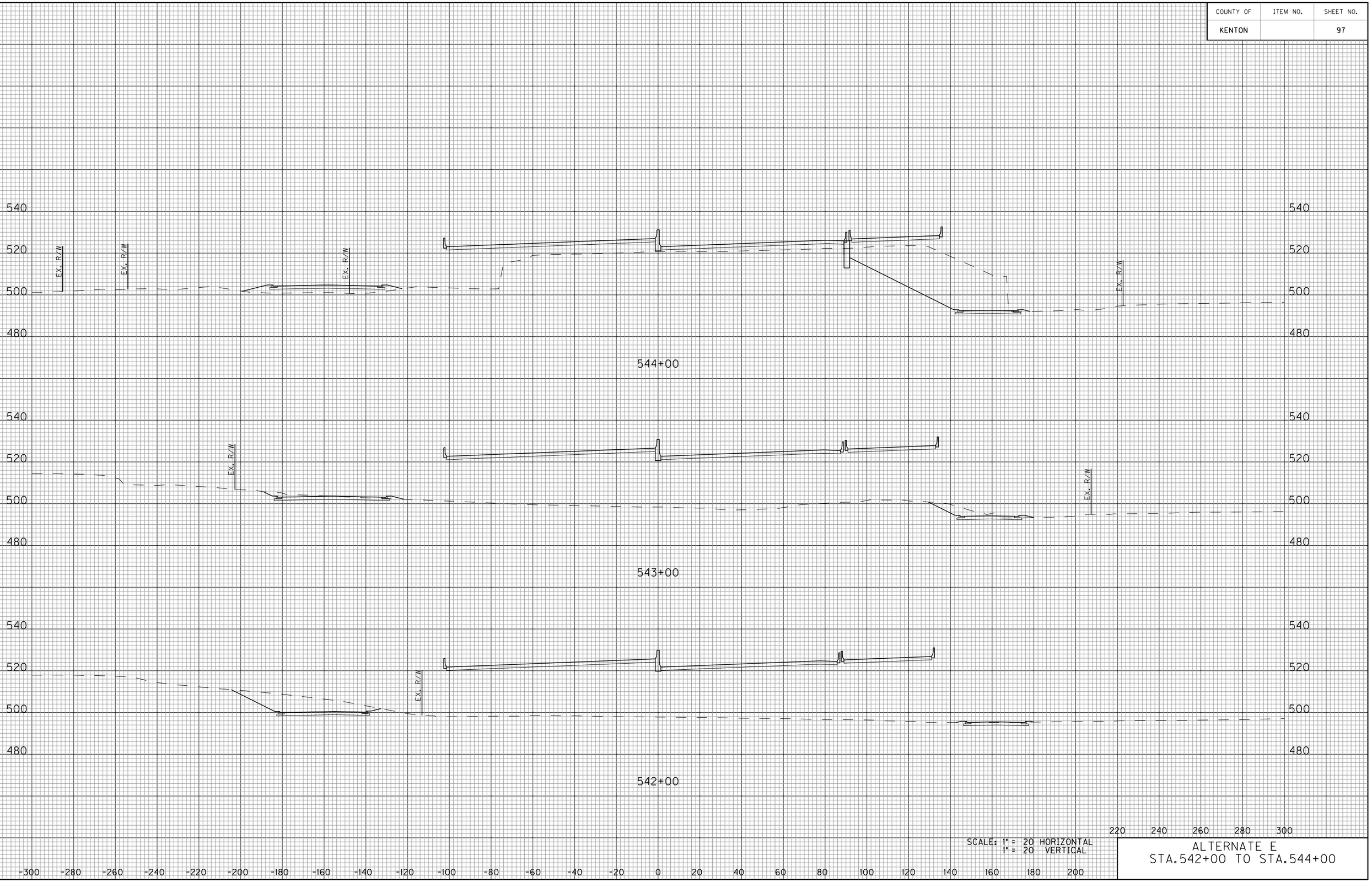
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.539+00 TO STA.541+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		97

DATE
DATE
CHECKED BY
APPROVED BY



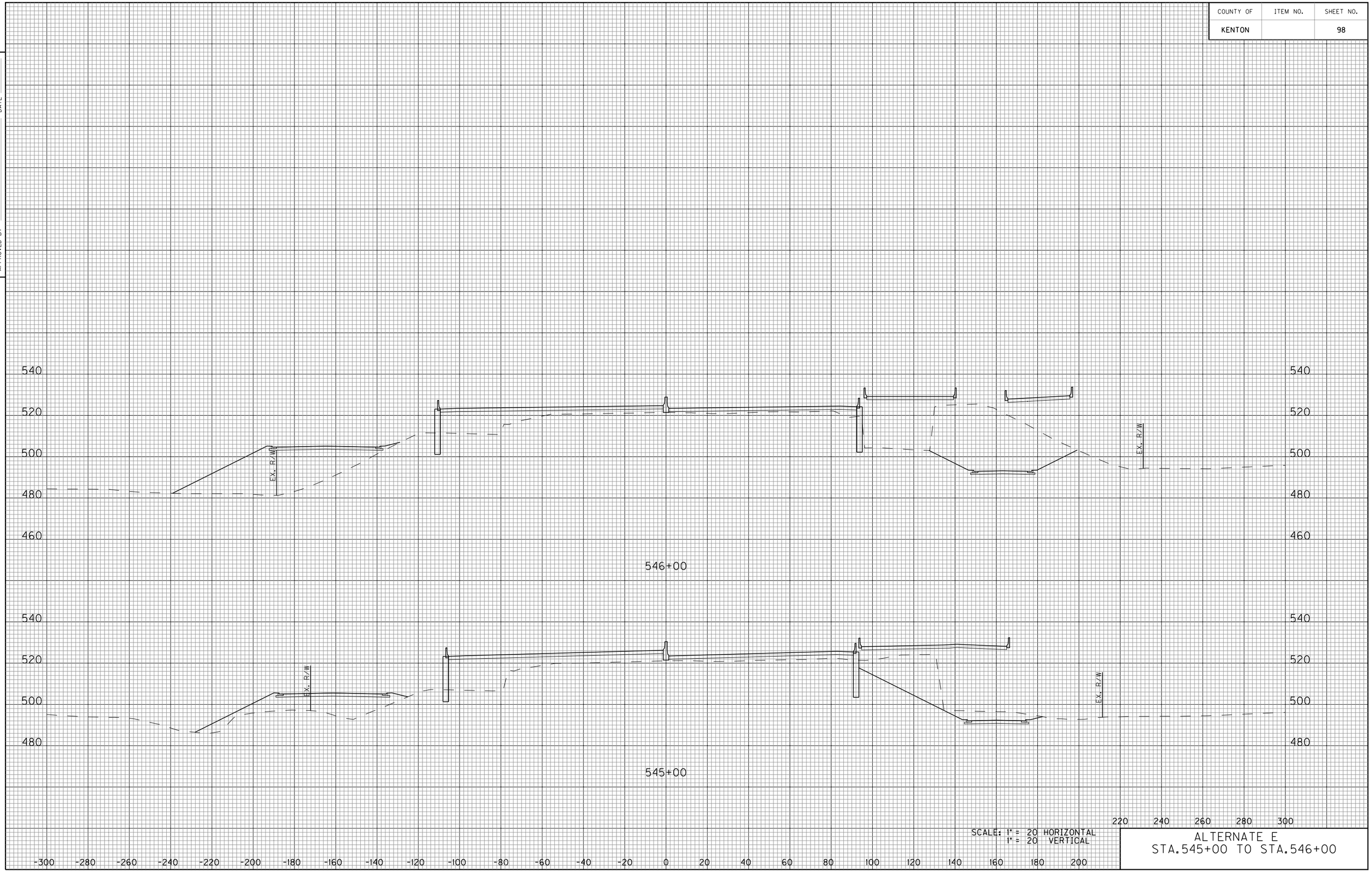
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.542+00 TO STA.544+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		98

DATE
DATE
CHECKED BY
APPROVED BY



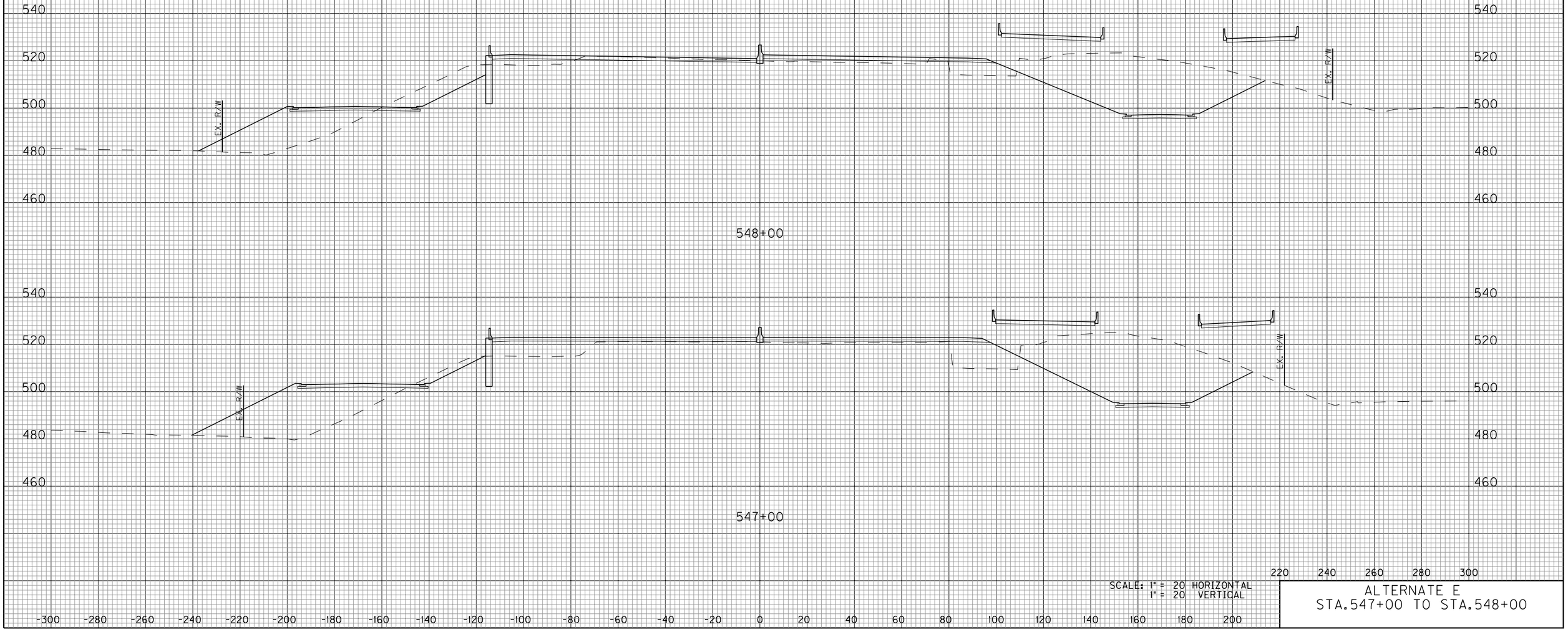
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.545+00 TO STA.546+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		99

DATE
DATE
CHECKED BY
APPROVED BY



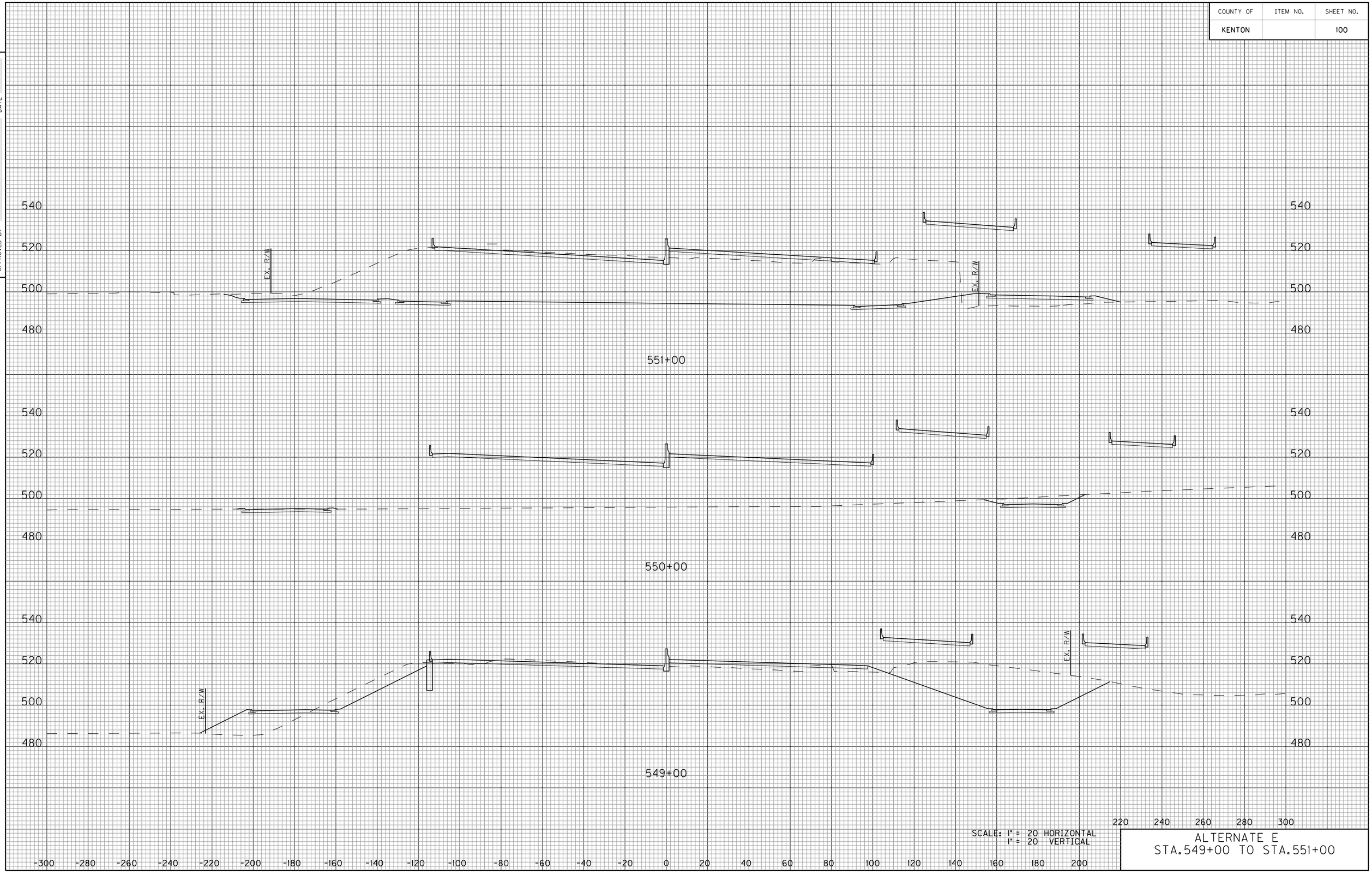
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.547+00 TO STA.548+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		100

DATE
DATE
CHECKED BY
APPROVED BY



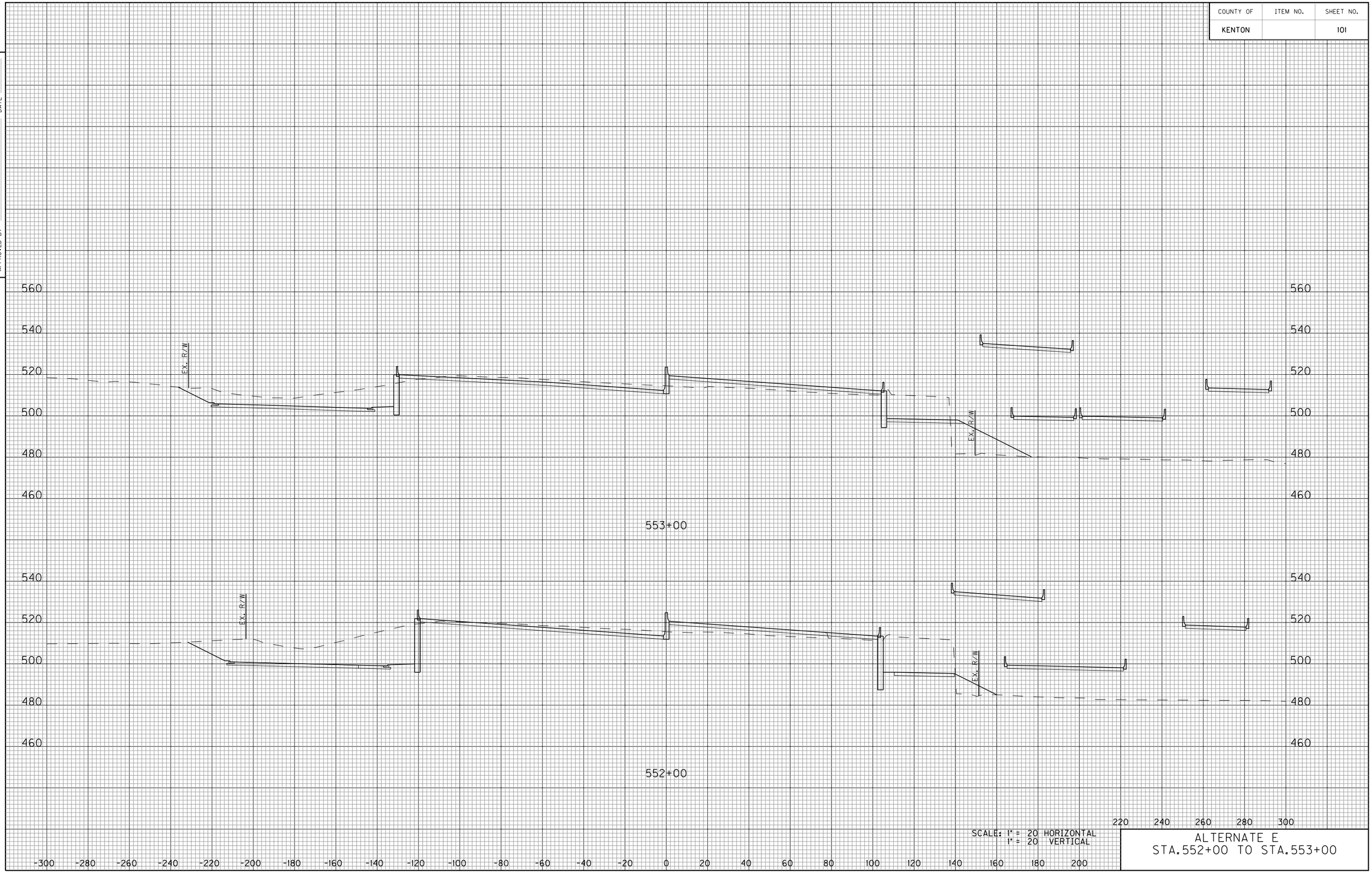
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.549+00 TO STA.551+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		101

DATE
DATE
CHECKED BY
APPROVED BY



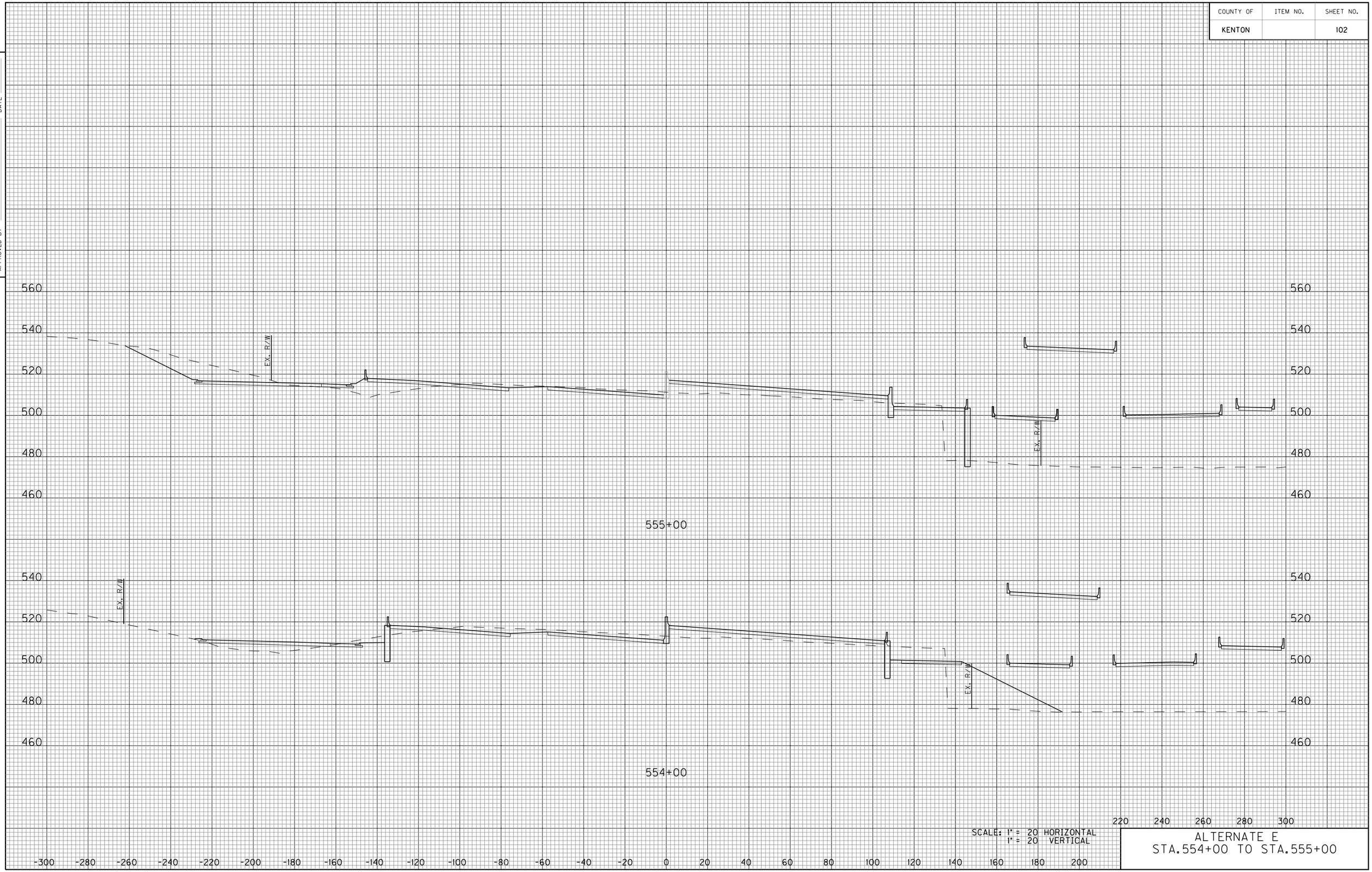
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.552+00 TO STA.553+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		102

DATE
DATE
CHECKED BY
APPROVED BY



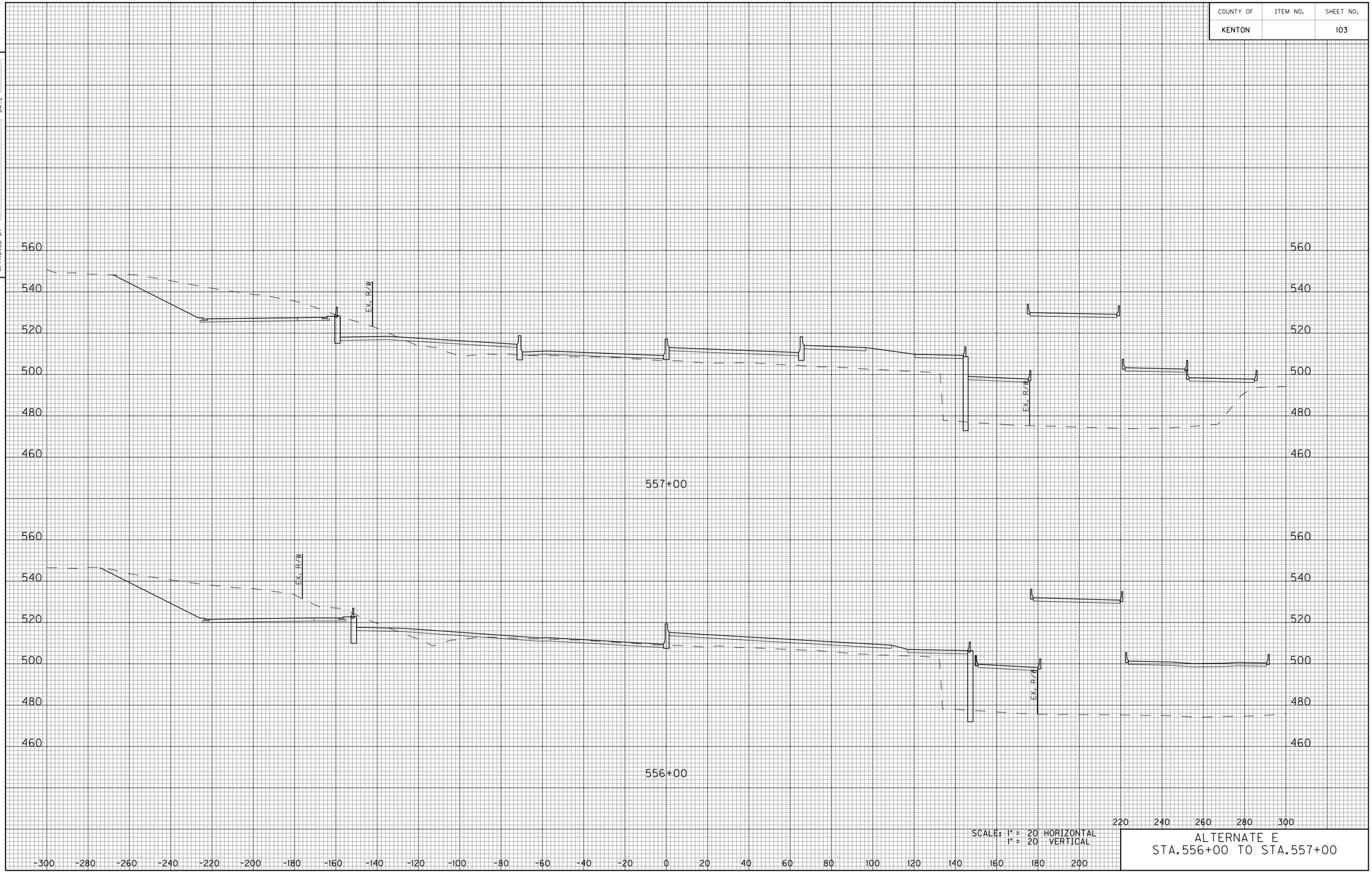
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.554+00 TO STA.555+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		103

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.556+00 TO STA.557+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		104

DATE
DATE
CHECKED BY
APPROVED BY



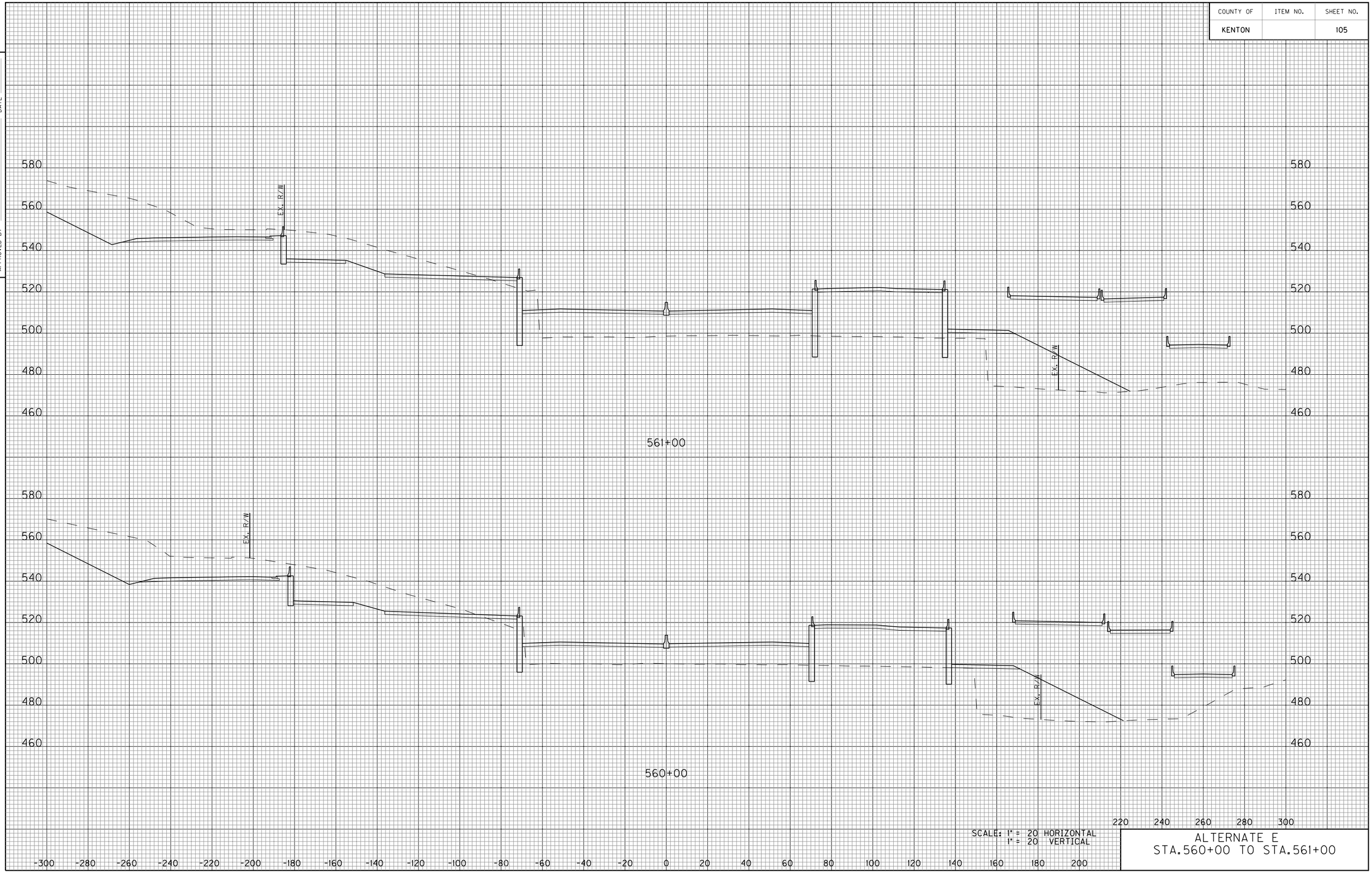
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.558+00 TO STA.559+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		105

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.560+00 TO STA.561+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		106

DATE
DATE
CHECKED BY
APPROVED BY



E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.562+00 TO STA.562+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		107

DATE
DATE
CHECKED BY
APPROVED BY



E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.563+00 TO STA.563+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		108

DATE
DATE
CHECKED BY
APPROVED BY



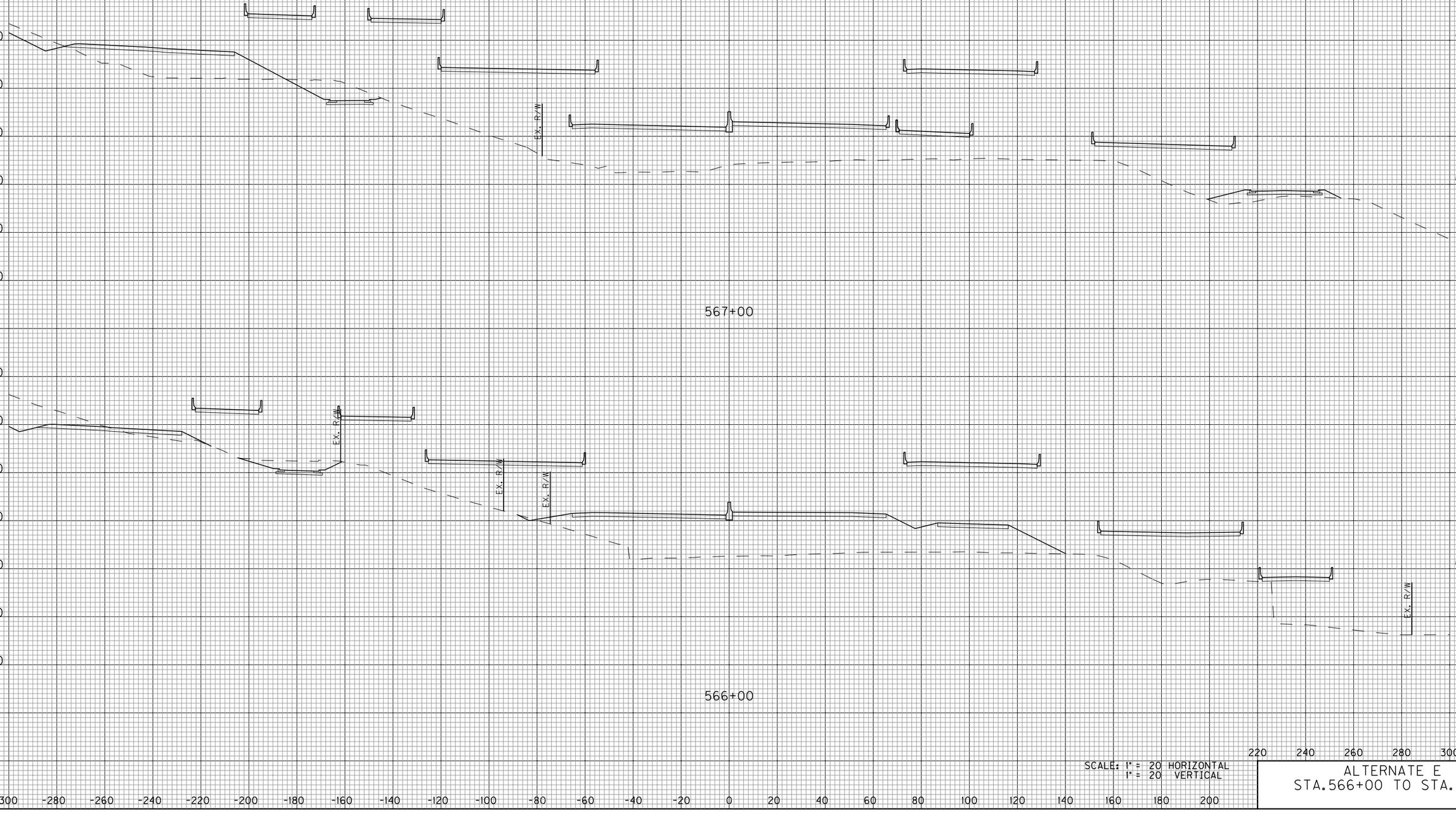
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.564+00 TO STA.565+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		109

DATE
DATE
CHECKED BY
APPROVED BY



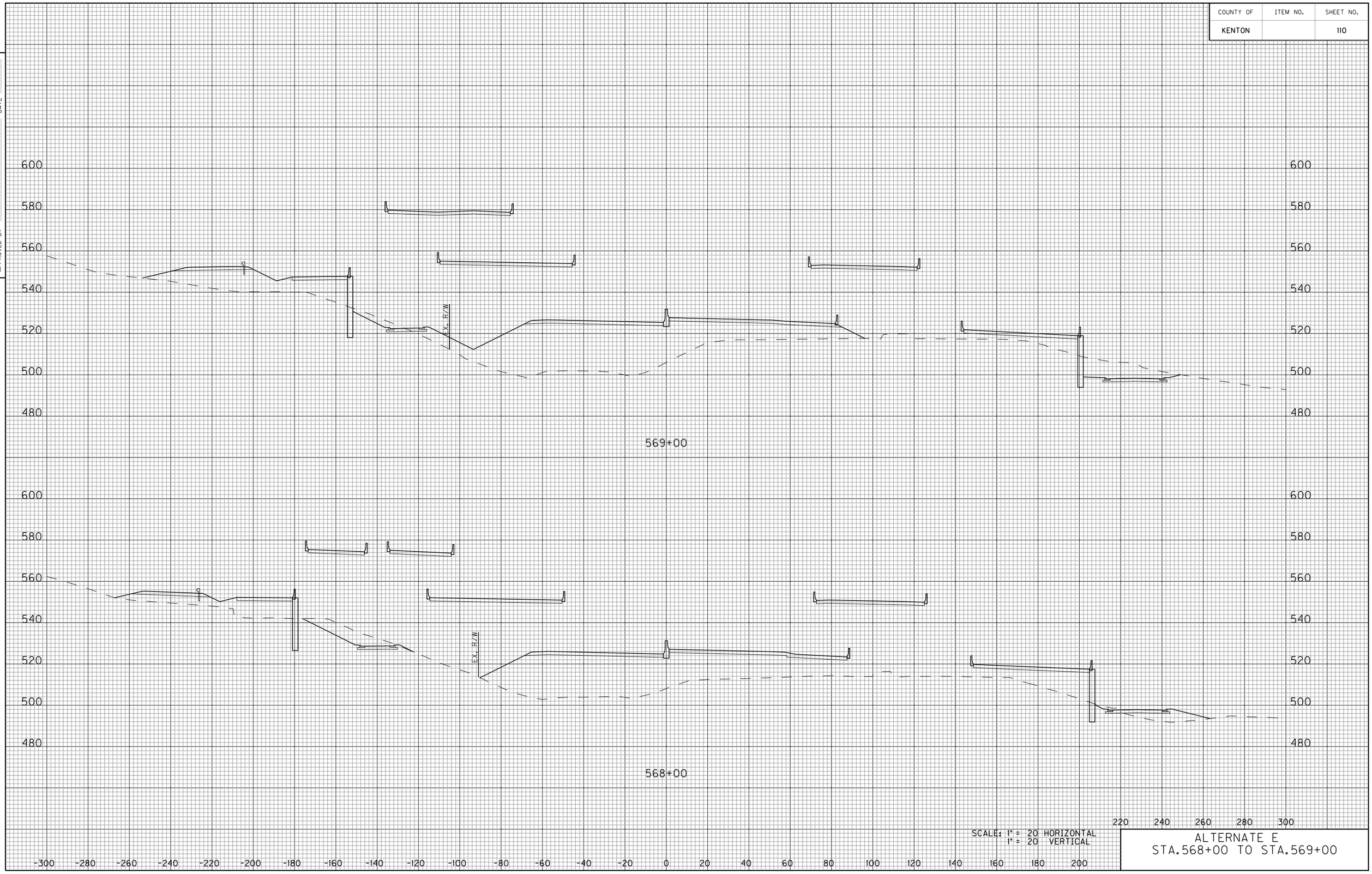
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.566+00 TO STA.567+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		110

DATE
DATE
CHECKED BY
APPROVED BY



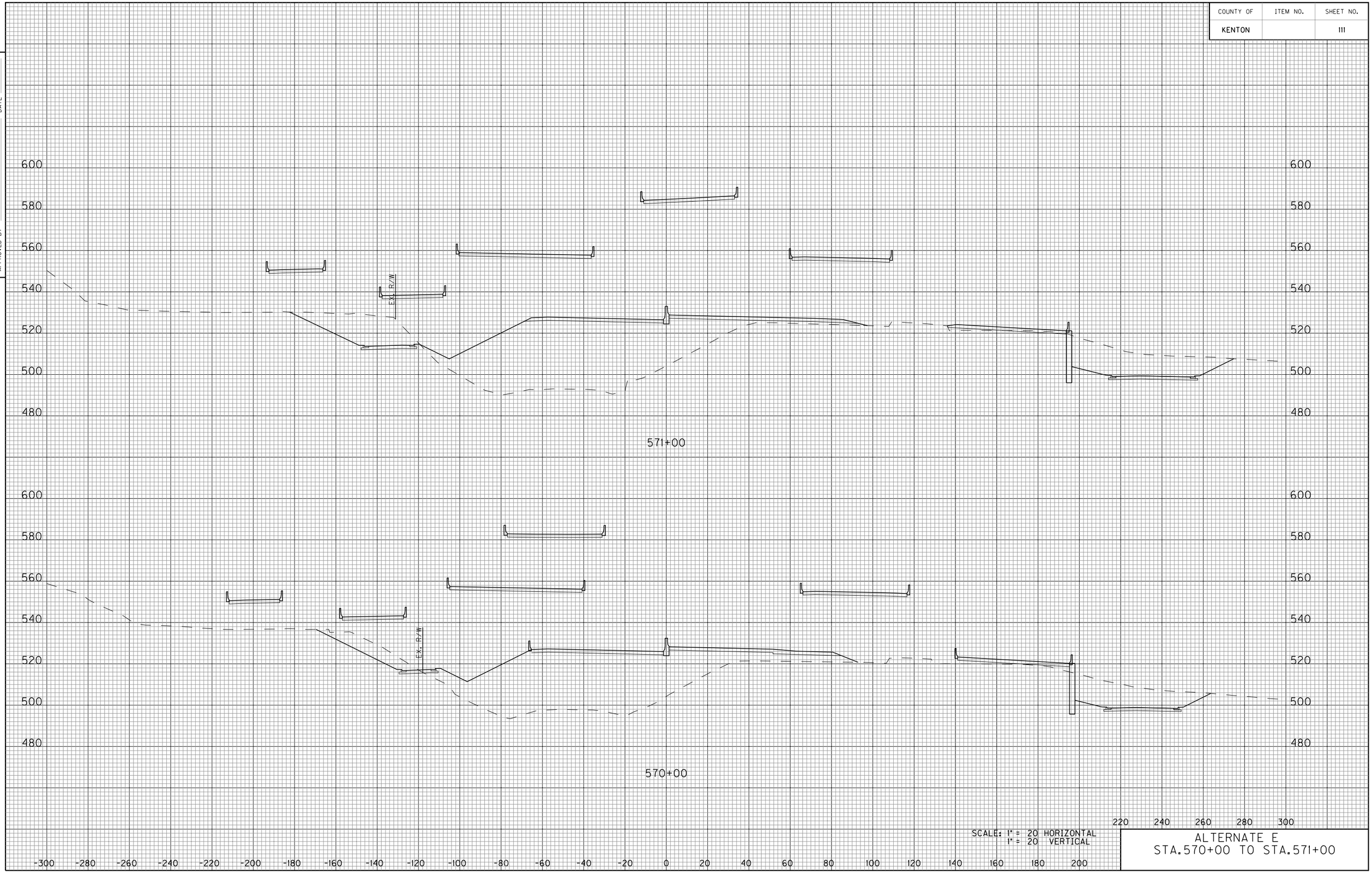
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.568+00 TO STA.569+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		111

DATE
DATE
CHECKED BY
APPROVED BY



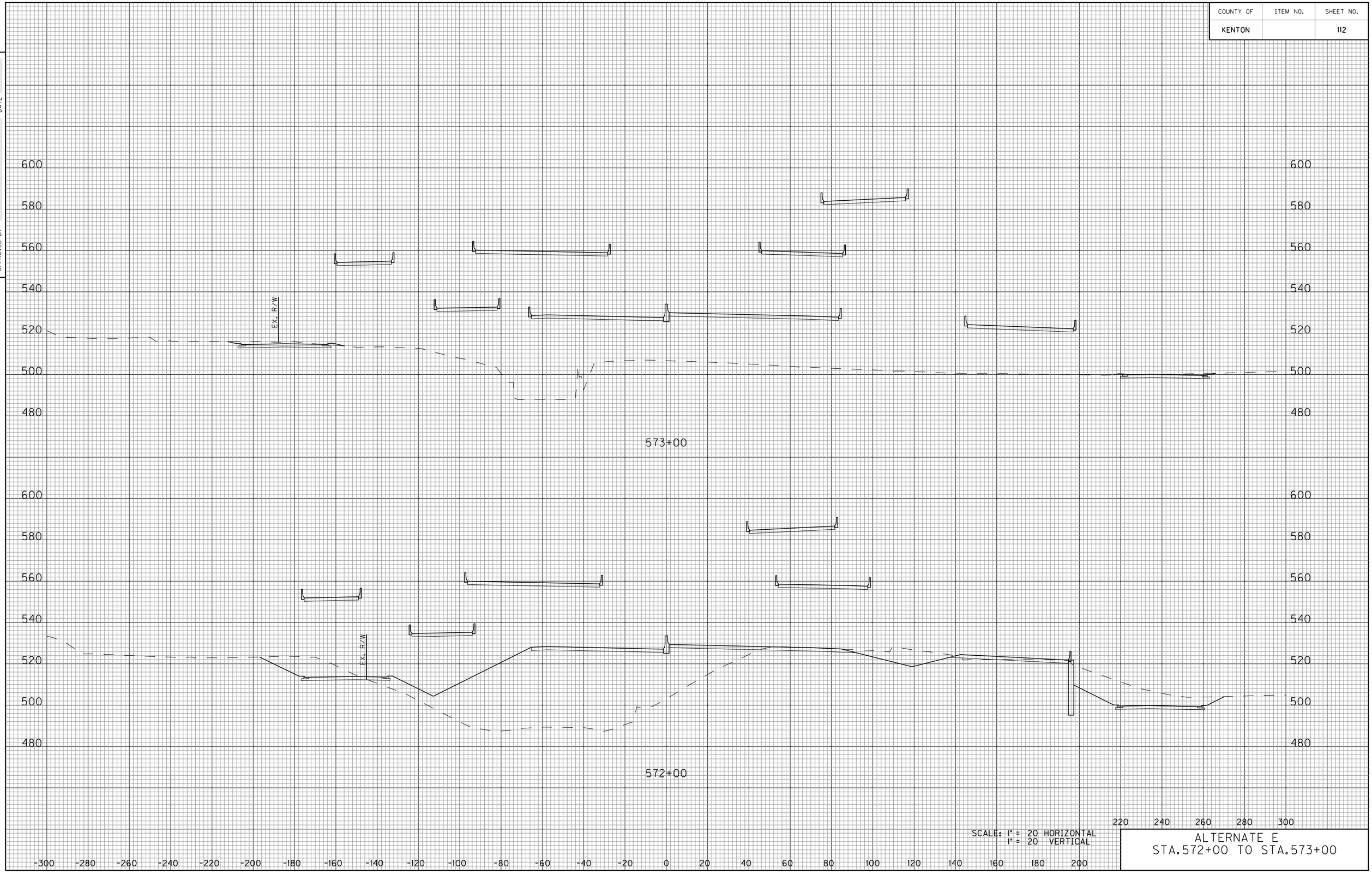
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.570+00 TO STA.571+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		112

DATE
DATE
CHECKED BY
APPROVED BY



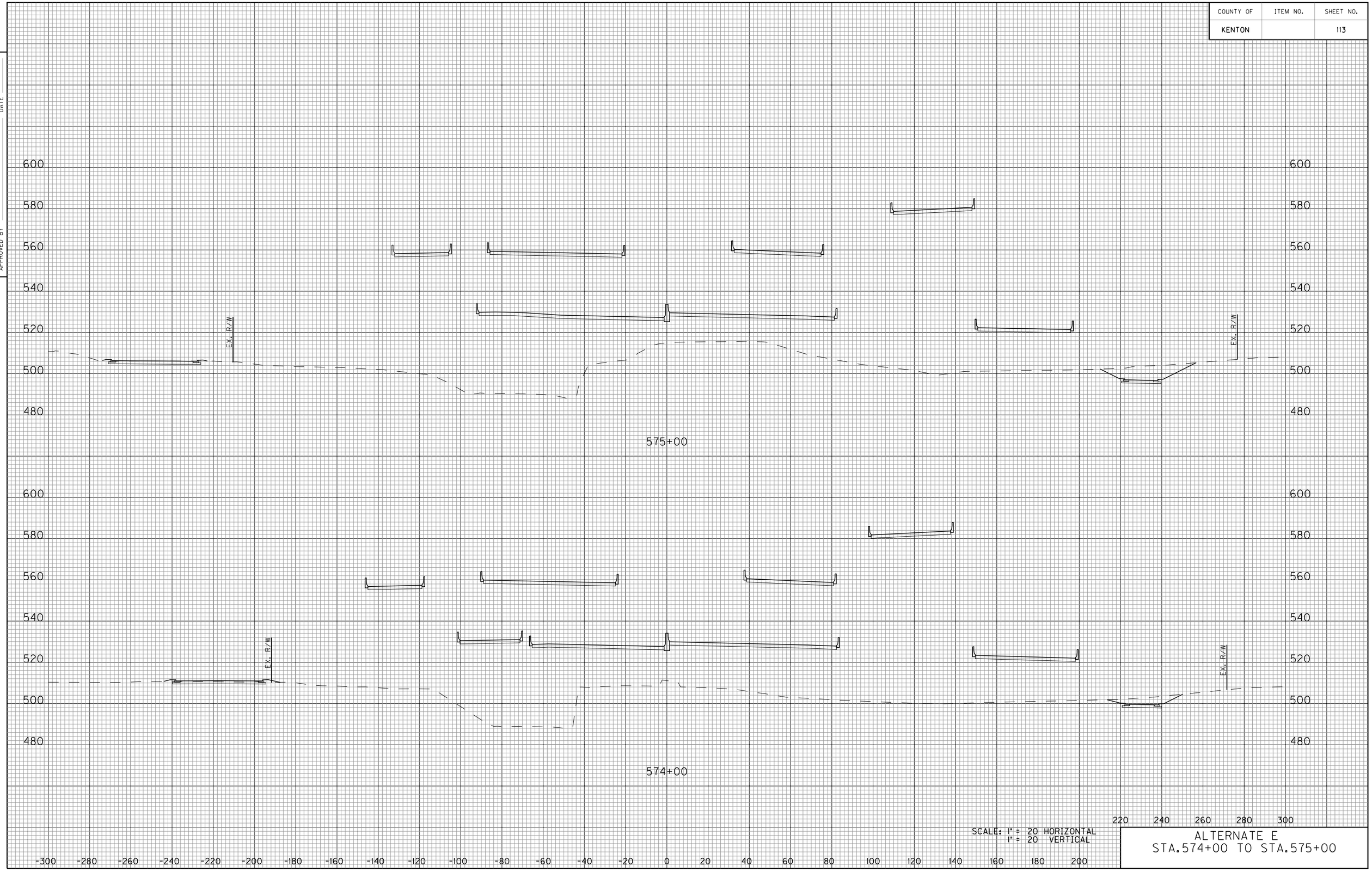
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.572+00 TO STA.573+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		113

DATE
DATE
CHECKED BY
APPROVED BY



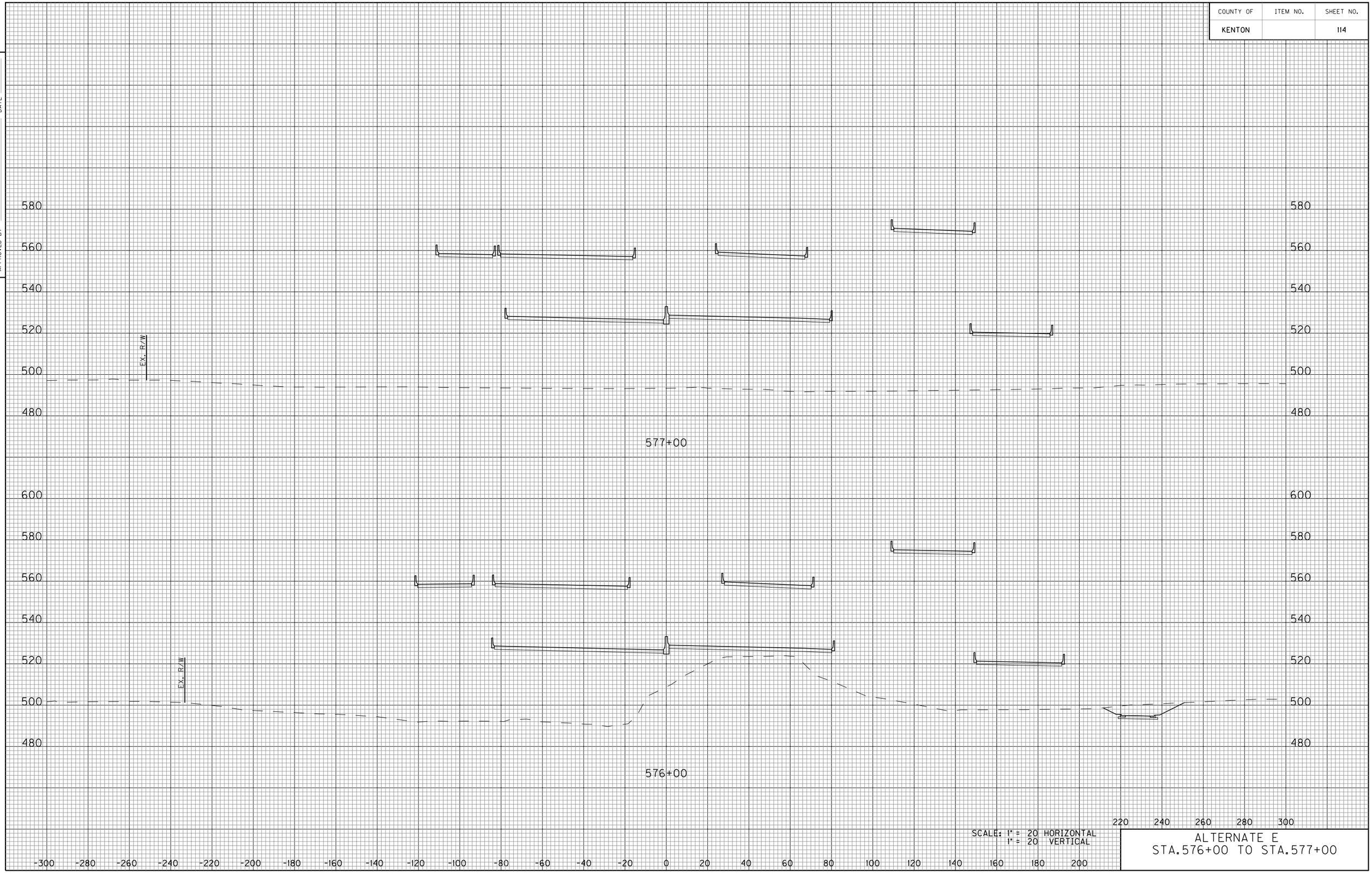
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.574+00 TO STA.575+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		114

DATE
DATE
CHECKED BY
APPROVED BY



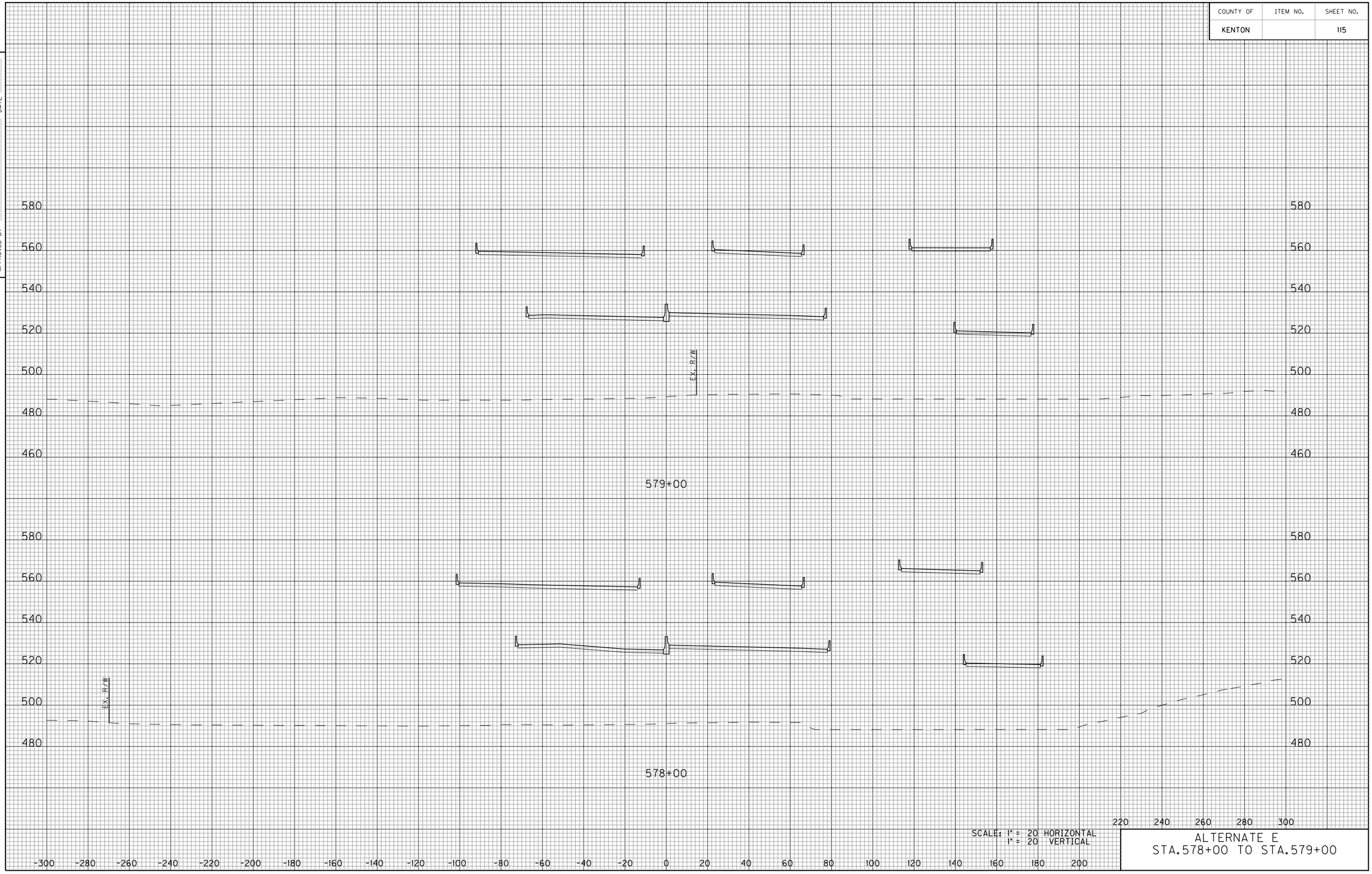
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.576+00 TO STA.577+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		115

DATE
DATE
CHECKED BY
APPROVED BY



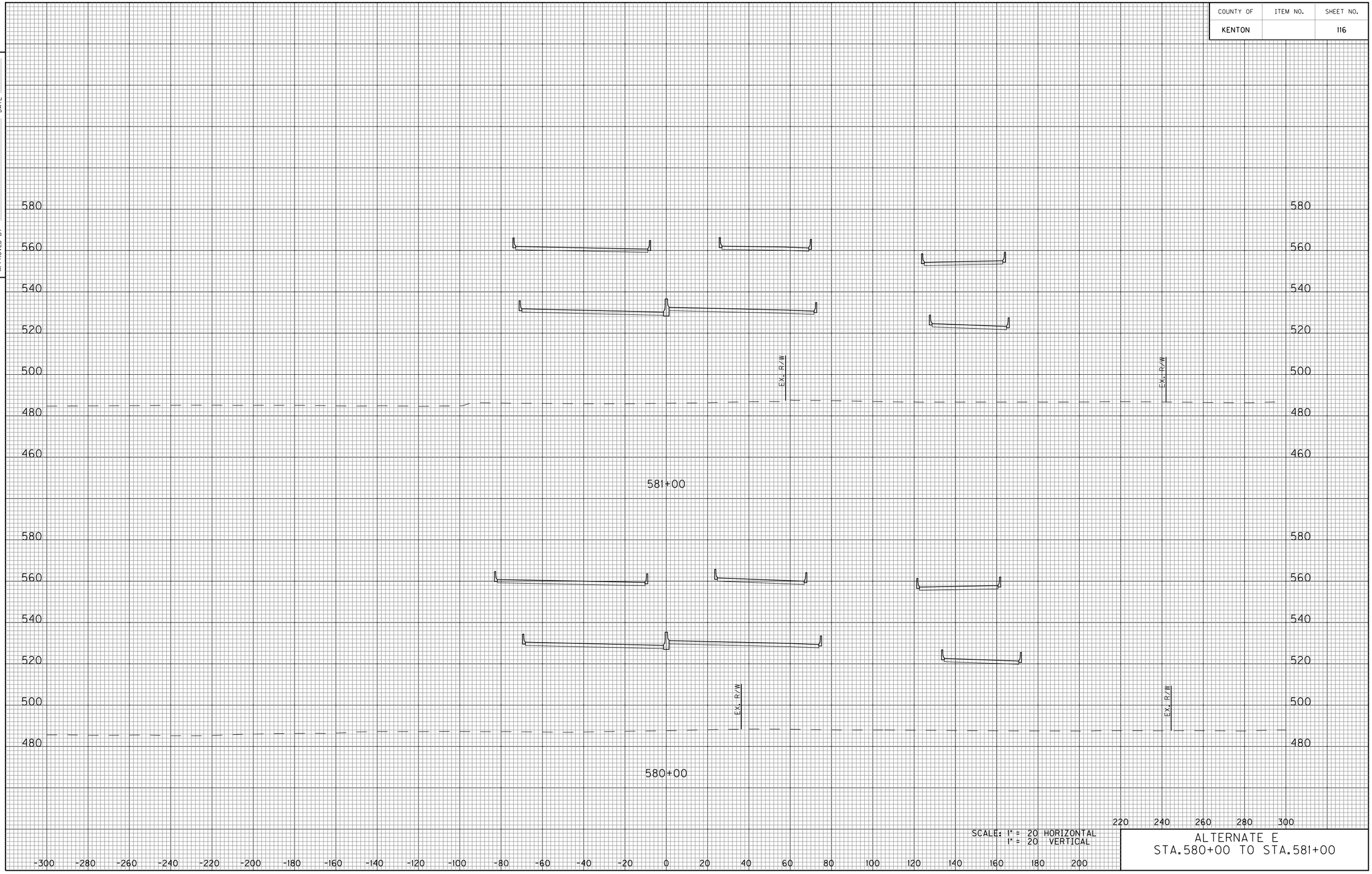
SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.578+00 TO STA.579+00

E-SHEET NAME:

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		116

DATE
DATE
CHECKED BY
APPROVED BY



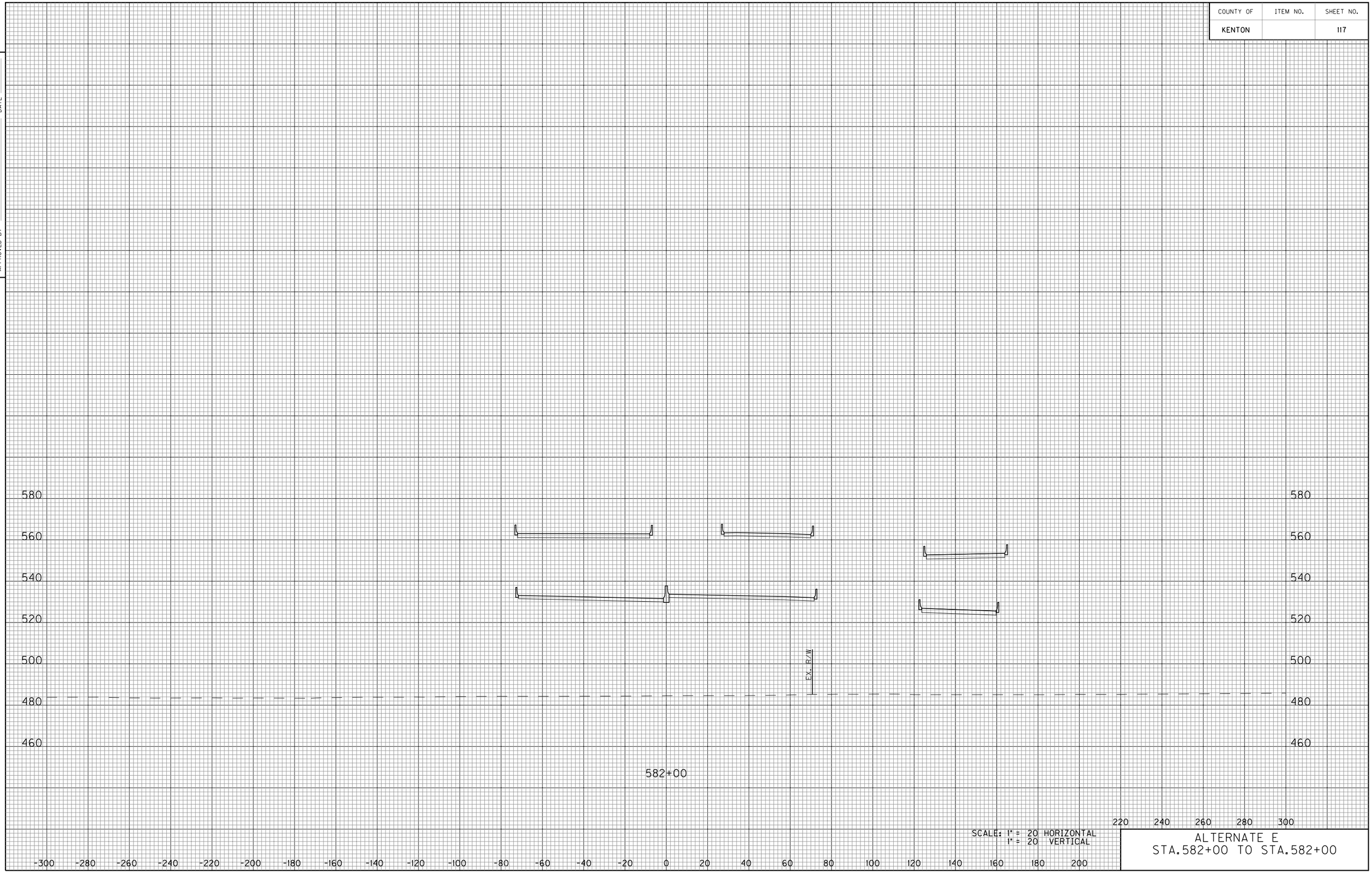
E-SHEET NAME:

SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.580+00 TO STA.581+00

COUNTY OF	ITEM NO.	SHEET NO.
KENTON		117

DATE
DATE
CHECKED BY
APPROVED BY



SCALE: 1" = 20 HORIZONTAL
1" = 20 VERTICAL

ALTERNATE E
STA.582+00 TO STA.582+00

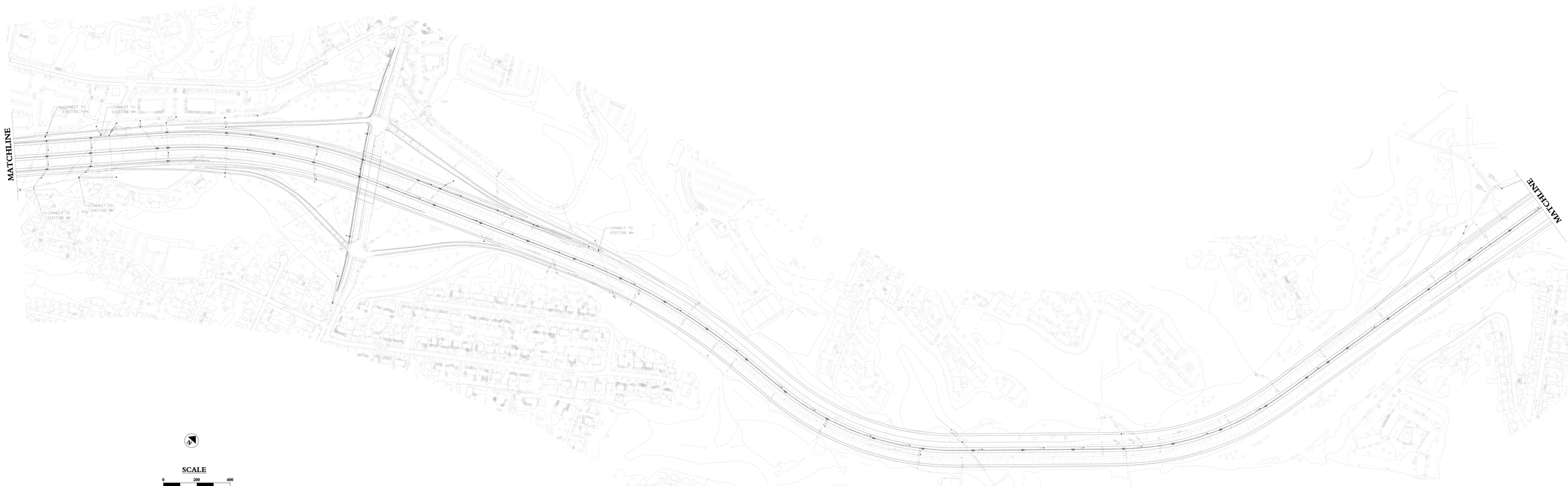
E-SHEET NAME:



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

DRAINAGE PLAN



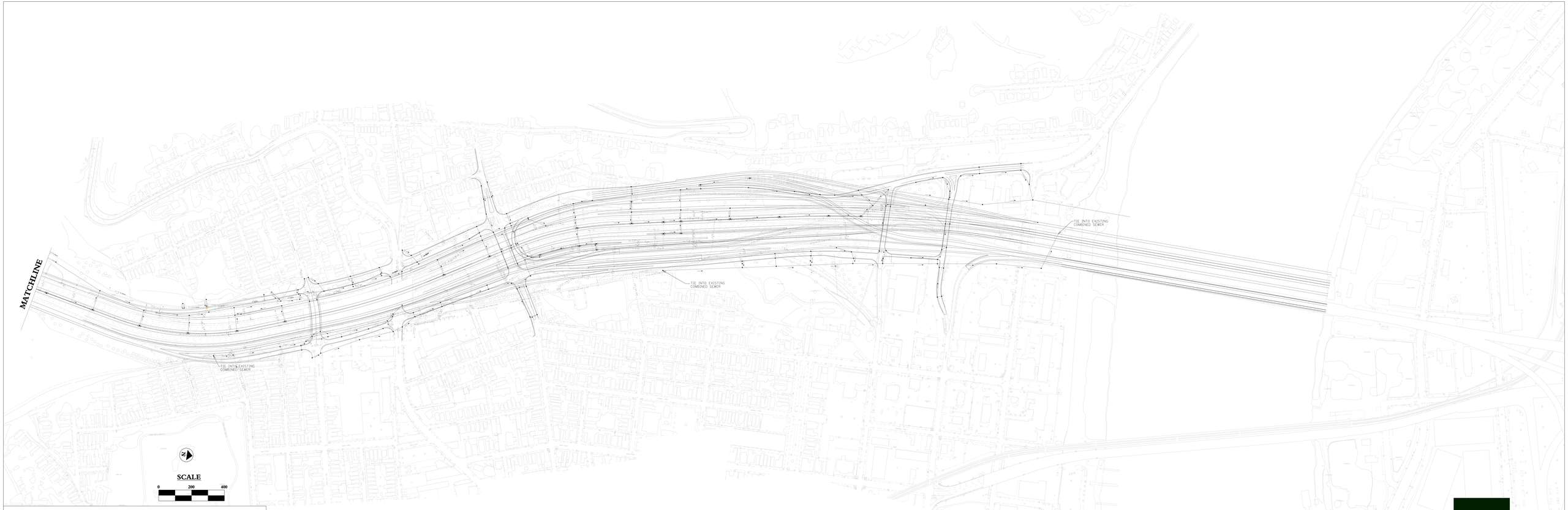
SCALE

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BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

DRAINAGE PLAN



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

DRAINAGE PLAN



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

PAVEMENT MARKING PLAN



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

PAVEMENT MARKING PLAN



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

PAVEMENT MARKING PLAN



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

PAVEMENT MARKING PLAN



BRENT SPENCE BRIDGE REPLACEMENT STUDY

ALTERNATIVE E

PAVEMENT MARKING PLAN