

05/18/10

TIP PROJECT: W-5115

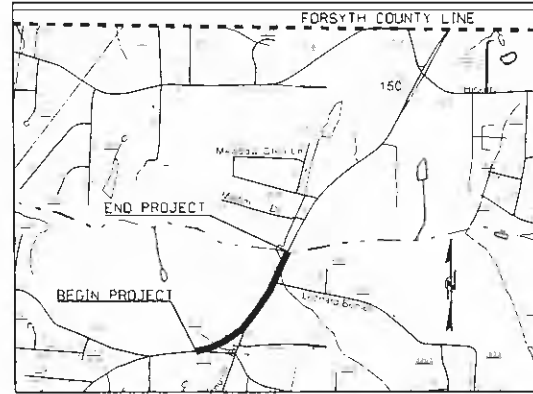
CONTRACT:

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

DAVIDSON COUNTY

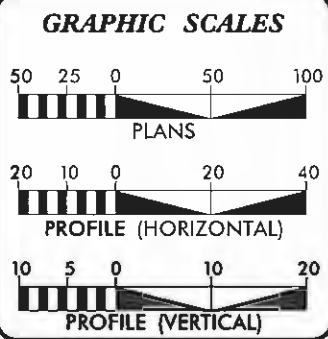
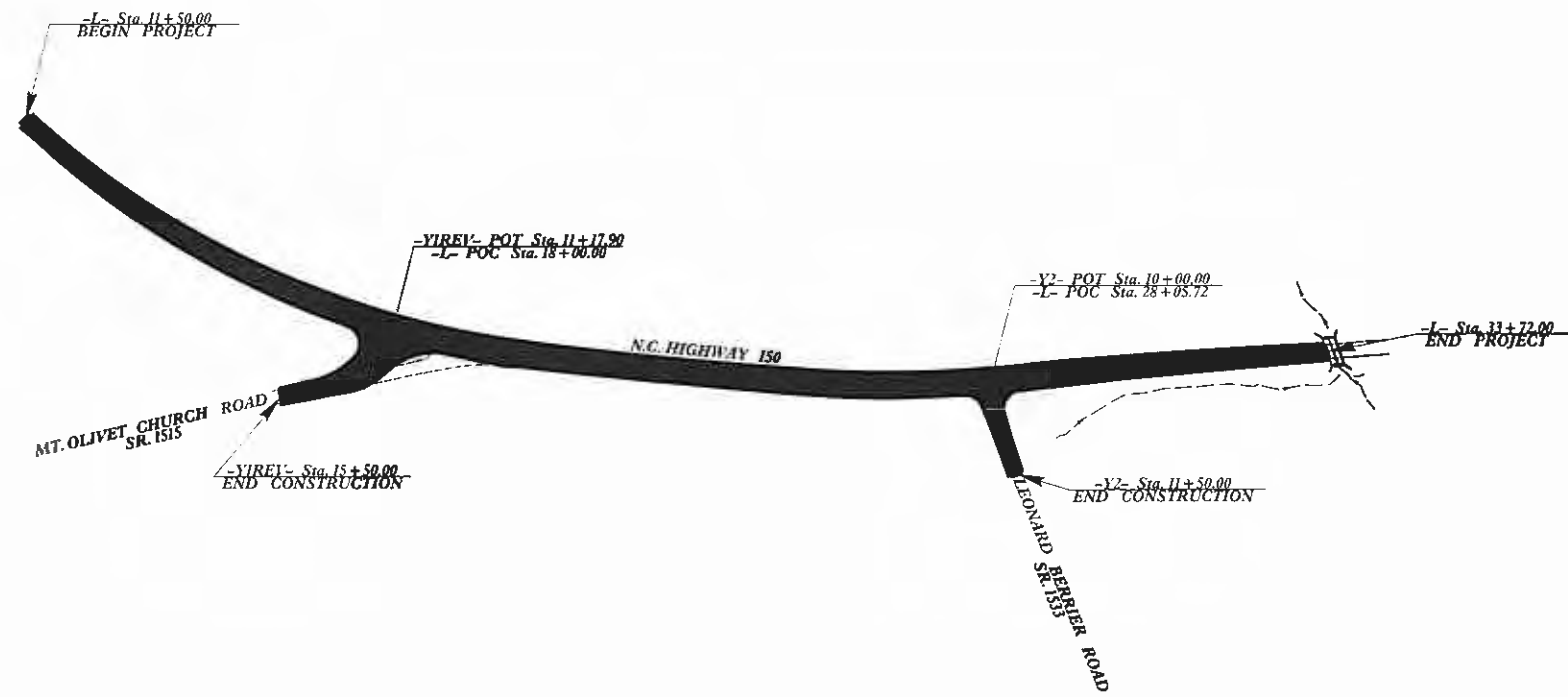
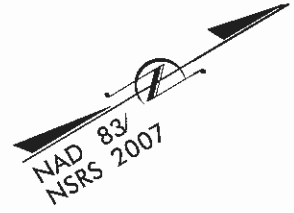
LOCATION: N.C HIGHWAY 150 FROM SR.1512 UNION GROVE ROAD
TO NORTH OF SR.1533 LEONARD BERRIER ROAD

TYPE OF WORK: GRADING, PAVING, WIDENING, REALIGNMENT



VICINITY MAP

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5115	1	46
STATE PROGRAM	F.A. PROGRAM	DESCRIPTION	



DESIGN DATA

ADT 2008 =	15,000
ADT 2030 =	27,100
DHV =	10 %
D =	60 %
T =	3 % *
V =	50 MPH

PROJECT LENGTH

TOTAL LENGTH OF ROADWAY TIP PROJECT W-5115 0.473 MILE

Prepared in the Office of:
DIVISION OF HIGHWAYS
NINTH DIVISION DESIGN / CONSTRUCT UNIT
375 SILAS CREEK PARKWAY WINSTON-SALEM, NC 27127
2006 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JANUARY 4, 2011

LETTING DATE:
JANUARY 17 2012

DIANE K. HAMPTON, P.E.
PROJECT DESIGN ENGINEER

J. Brett Abernathy, P.E., P.L.S.
DIVISION PROJECT MANAGER

ROADWAY DESIGN ENGINEER

Diane K. Hampton, P.E.

P.E.

SIGNATURE: _____



10-JAN-2012 09:00
S:\DDC\2008 NCE\Widening Davidson Co\W-5115_Rdy_tsh.dgn
+information AT DSC AD 5820

05/18/10

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

Table listing symbols for State Line, County Line, Township Line, City Line, Reservation Line, Property Line, Existing Iron Pin, Property Corner, Property Monument, Parcel/Sequence Number, Existing Fence Line, Proposed Woven Wire Fence, Proposed Chain Link Fence, Proposed Barbed Wire Fence, Existing Wetland Boundary, Proposed Wetland Boundary, Existing Endangered Animal Boundary, Existing Endangered Plant Boundary.

BUILDINGS AND OTHER CULTURE:

Table listing symbols for Gas Pump Vent or U/G Tank Cap, Sign, Well, Small Mine, Foundation, Area Outline, Cemetery, Building, School, Church, Dam.

HYDROLOGY:

Table listing symbols for Stream or Body of Water, Hydro, Pool or Reservoir, Jurisdictional Stream, Buffer Zone 1, Buffer Zone 2, Flow Arrow, Disappearing Stream, Spring, Wetland, Proposed Lateral, Tail, Head Ditch, False Sump.

RAILROADS:

Table listing symbols for Standard Gauge, RR Signal Milepost, Switch, RR Abandoned, RR Dismantled.

RIGHT OF WAY:

Table listing symbols for Baseline Control Point, Existing Right of Way Marker, Existing Right of Way Line, Proposed Right of Way Line, Proposed Right of Way Line with Iron Pin and Cap Marker, Proposed Right of Way Line with Concrete or Granite Marker, Existing Control of Access, Proposed Control of Access, Existing Easement Line, Proposed Temporary Construction Easement, Proposed Temporary Drainage Easement, Proposed Permanent Drainage Easement, Proposed Permanent Drainage / Utility Easement, Proposed Permanent Utility Easement, Proposed Temporary Utility Easement, Proposed Permanent Easement with Iron Pin and Cap Marker.

ROADS AND RELATED FEATURES:

Table listing symbols for Existing Edge of Pavement, Existing Curb, Proposed Slope Stakes Cut, Proposed Slope Stakes Fill, Proposed Wheel Chair Ramp, Existing Metal Guardrail, Proposed Guardrail, Existing Cable Guiderail, Proposed Cable Guiderail, Equality Symbol, Pavement Removal.

VEGETATION:

Table listing symbols for Single Tree, Single Shrub, Hedge, Woods Line, Orchard, Vineyard.

EXISTING STRUCTURES:

Table listing symbols for MAJOR: Bridge, Tunnel or Box Culvert, Bridge Wing Wall, Head Wall and End Wall; MINOR: Head and End Wall, Pipe Culvert, Footbridge, Drainage Box: Catch Basin, DI or JB, Paved Ditch Gutter, Storm Sewer Manhole, Storm Sewer.

UTILITIES:

Table listing symbols for POWER: Existing Power Pole, Proposed Power Pole, Existing Joint Use Pole, Proposed Joint Use Pole, Power Manhole, Power Line Tower, Power Transformer, U/G Power Cable Hand Hole, H-Frame Pole, Recorded U/G Power Line, Designated U/G Power Line (S.U.E.*).

TELEPHONE:

Table listing symbols for Existing Telephone Pole, Proposed Telephone Pole, Telephone Manhole, Telephone Booth, Telephone Pedestal, Telephone Cell Tower, U/G Telephone Cable Hand Hole, Recorded U/G Telephone Cable, Designated U/G Telephone Cable (S.U.E.*), Recorded U/G Telephone Conduit, Designated U/G Telephone Conduit (S.U.E.*), Recorded U/G Fiber Optics Cable, Designated U/G Fiber Optics Cable (S.U.E.*).

WATER:

Table listing symbols for Water Manhole, Water Meter, Water Valve, Water Hydrant, Recorded U/G Water Line, Designated U/G Water Line (S.U.E.*), Above Ground Water Line.

TV:

Table listing symbols for TV Satellite Dish, TV Pedestal, TV Tower, U/G TV Cable Hand Hole, Recorded U/G TV Cable, Designated U/G TV Cable (S.U.E.*), Recorded U/G Fiber Optic Cable, Designated U/G Fiber Optic Cable (S.U.E.*).

GAS:

Table listing symbols for Gas Valve, Gas Meter, Recorded U/G Gas Line, Designated U/G Gas Line (S.U.E.*), Above Ground Gas Line.

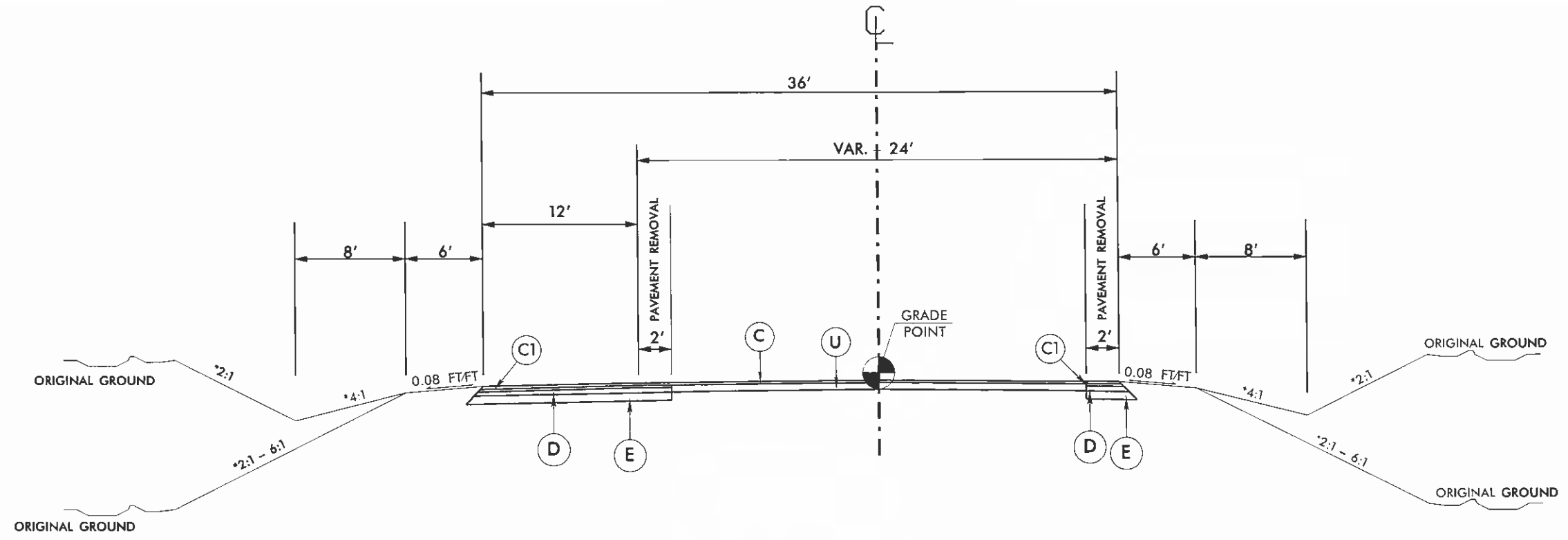
SANITARY SEWER:

Table listing symbols for Sanitary Sewer Manhole, Sanitary Sewer Cleanout, U/G Sanitary Sewer Line, Above Ground Sanitary Sewer, Recorded SS Forced Main Line, Designated SS Forced Main Line (S.U.E.*).

MISCELLANEOUS:

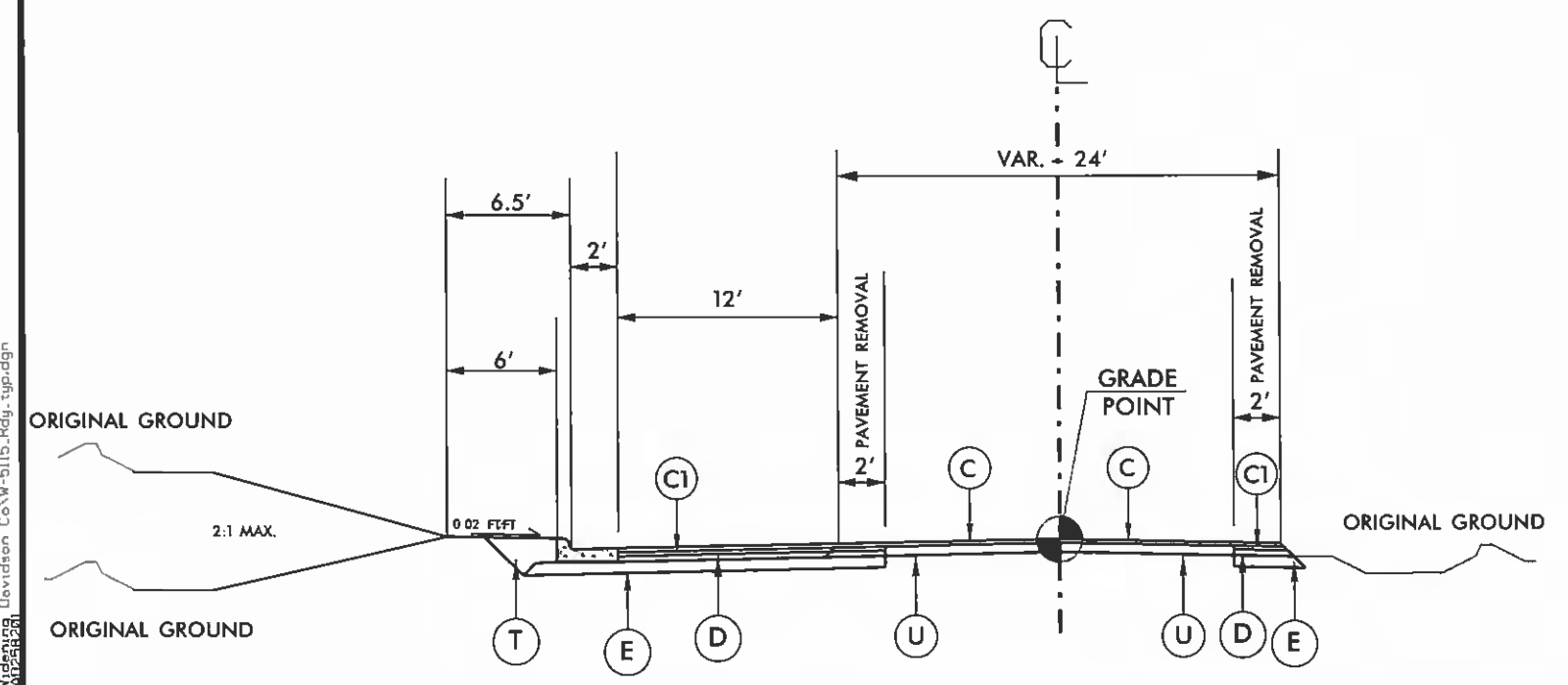
Table listing symbols for Utility Pole, Utility Pole with Base, Utility Located Object, Utility Traffic Signal Box, Utility Unknown U/G Line, U/G Tank; Water, Gas, Oil, A/G Tank; Water, Gas, Oil, U/G Test Hole (S.U.E.*), Abandoned According to Utility Records, End of Information.

TYPICAL SECTION NO. 1



USE TYPICAL SECTION NO. 1
 -L- STATION 11+00 TO 27+50
 -L- STATION 28+50 TO 33+72
 * SEE CROSS SECTIONS

TYPICAL SECTION NO. 2



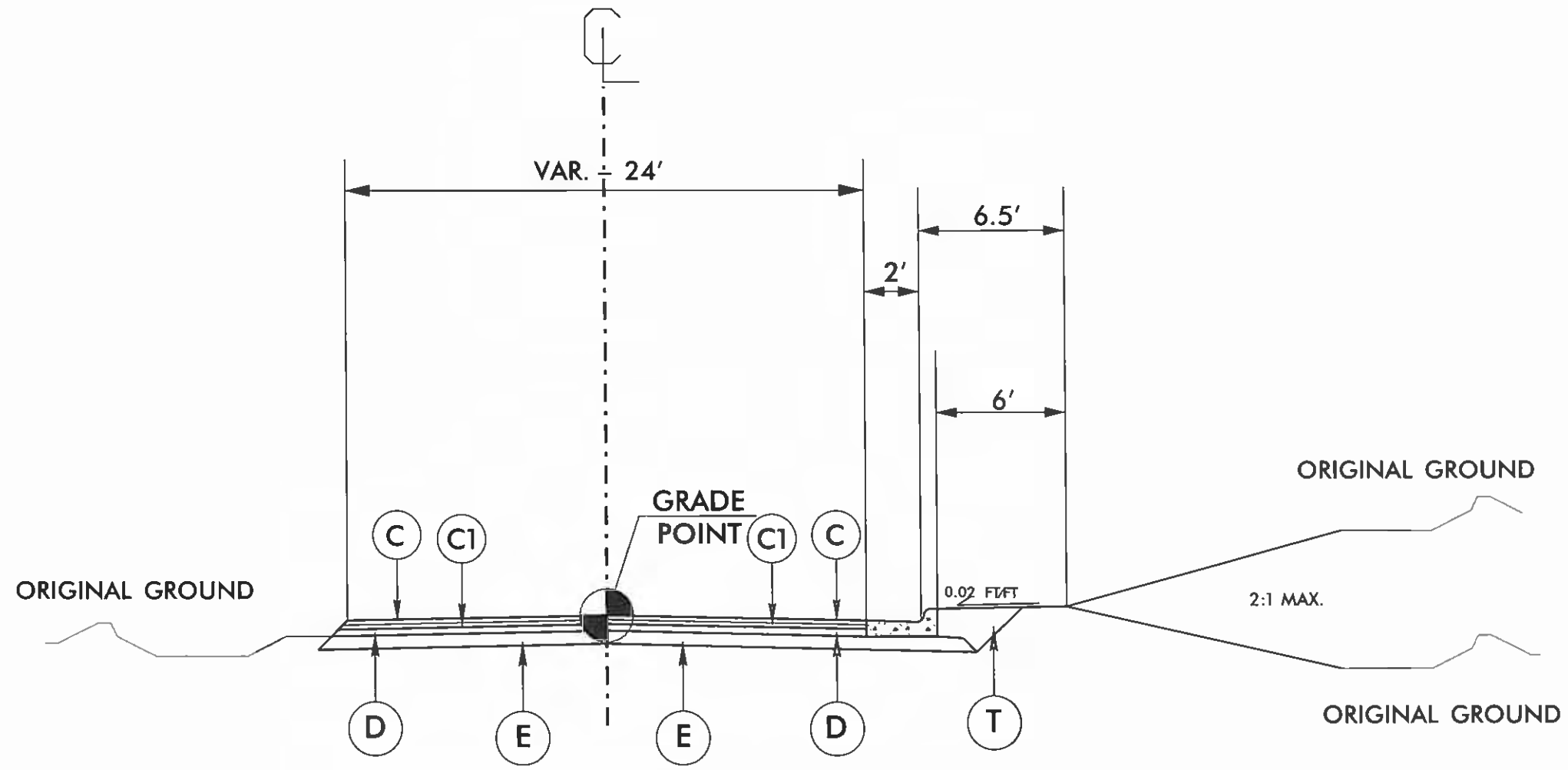
USE TYPICAL SECTION NO. 2
 -L- STATION 27+50 TO 28+50

C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D	PROP. APPROX. 4" DEPTH BINDER ASPHALT, TYPE I19.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E	PROP. APPROX. 4½" DEPTH BASE ASPHALT, TYPE B25.0B, AT AN AVERAGE RATE OF 513 LBS. PER SQ. YD.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.

03-JAN-2012 09:41:50 W:\5115.Rd\1-tp.dgn
 STATION 27+50 TO 28+50
 7/23/10

PROJECT REFERENCE NO.	SHEET NO.
W-5115	2A
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

TYPICAL SECTION NO. 3



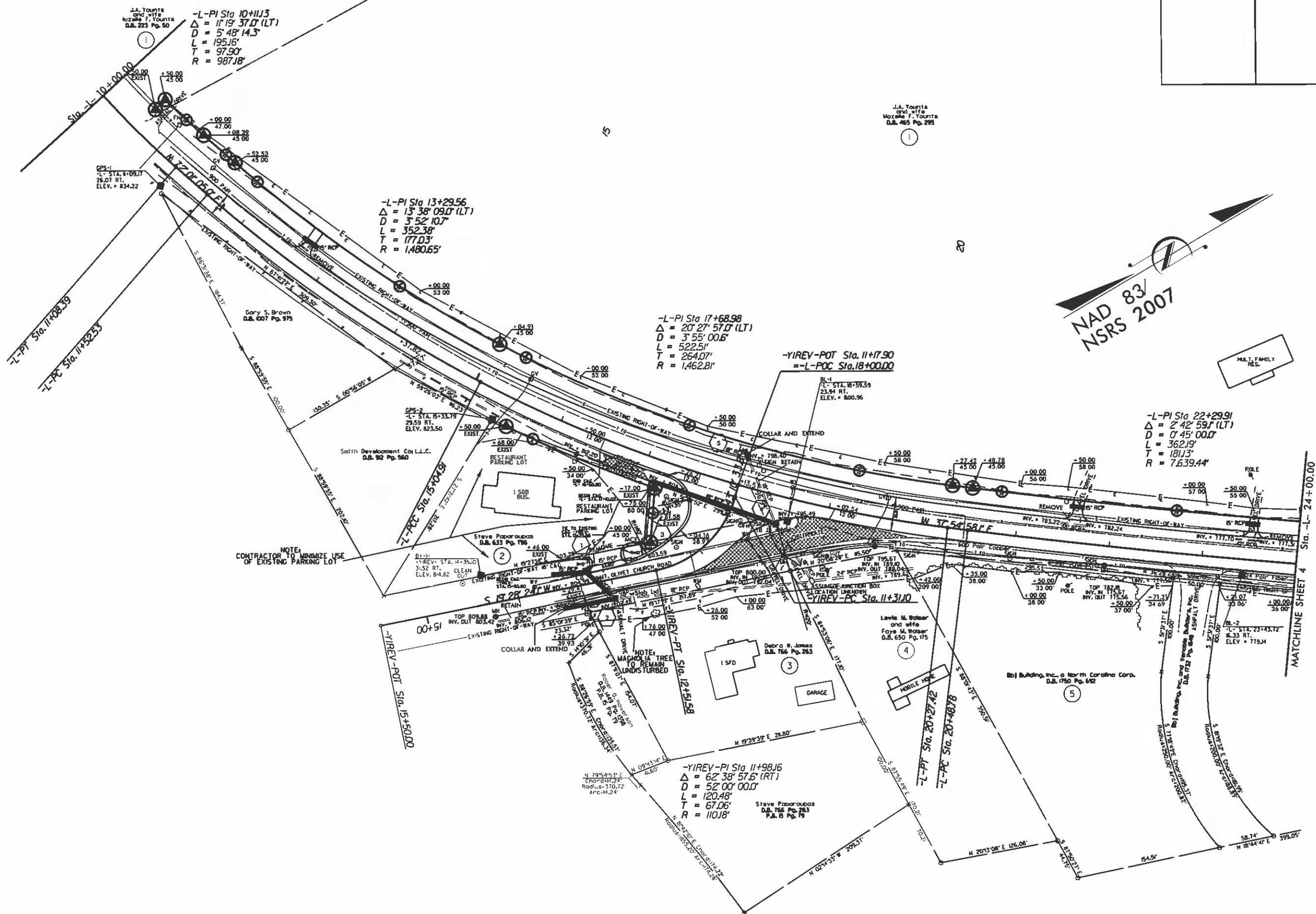
USE TYPICAL SECTION NO. 3
 -YREV- STATION 11+00 TO 13+50

C	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C1	PROP. APPROX. 1½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D	PROP. APPROX. 4" DEPTH BINDER ASPHALT, TYPE I19.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E	PROP. APPROX. 4½" DEPTH BASE ASPHALT, TYPE B25.0B, AT AN AVERAGE RATE OF 513 LBS. PER SQ. YD.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.

7/23/18
 09-JAN-2012 09:43
 S:\06\2006\150\150150\150150.dwg Davidson Co\W-5115.Rdy.tup.dgn

PROJECT REFERENCE NO	SHEET NO
W-5115	3
RW SHEET NO	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

6/16/10
 REVISIONS
 J:\JAN 2010\14108\1500\1500.dwg Davidson Co\W-5115 Rdg.psh,3.dgn
 1500 1500
 1500 1500
 1500 1500



NOTE:
CONTRACTOR TO MINIMIZE USE
OF EXISTING PARKING LOT

NOTE:
MAGNOLIA TREE
TO REMAIN
LANDS TURBED

MATCHLINE SHEET 4

NAD 83
NSRS 2007

-L-PI Sta 26+59.23
 $\Delta = 10' 16' 05.0" (LT)$
 $D = 3' 00' 00.0"$
 $L = 342.27'$
 $T = 171.59'$
 $R = 1,909.86'$

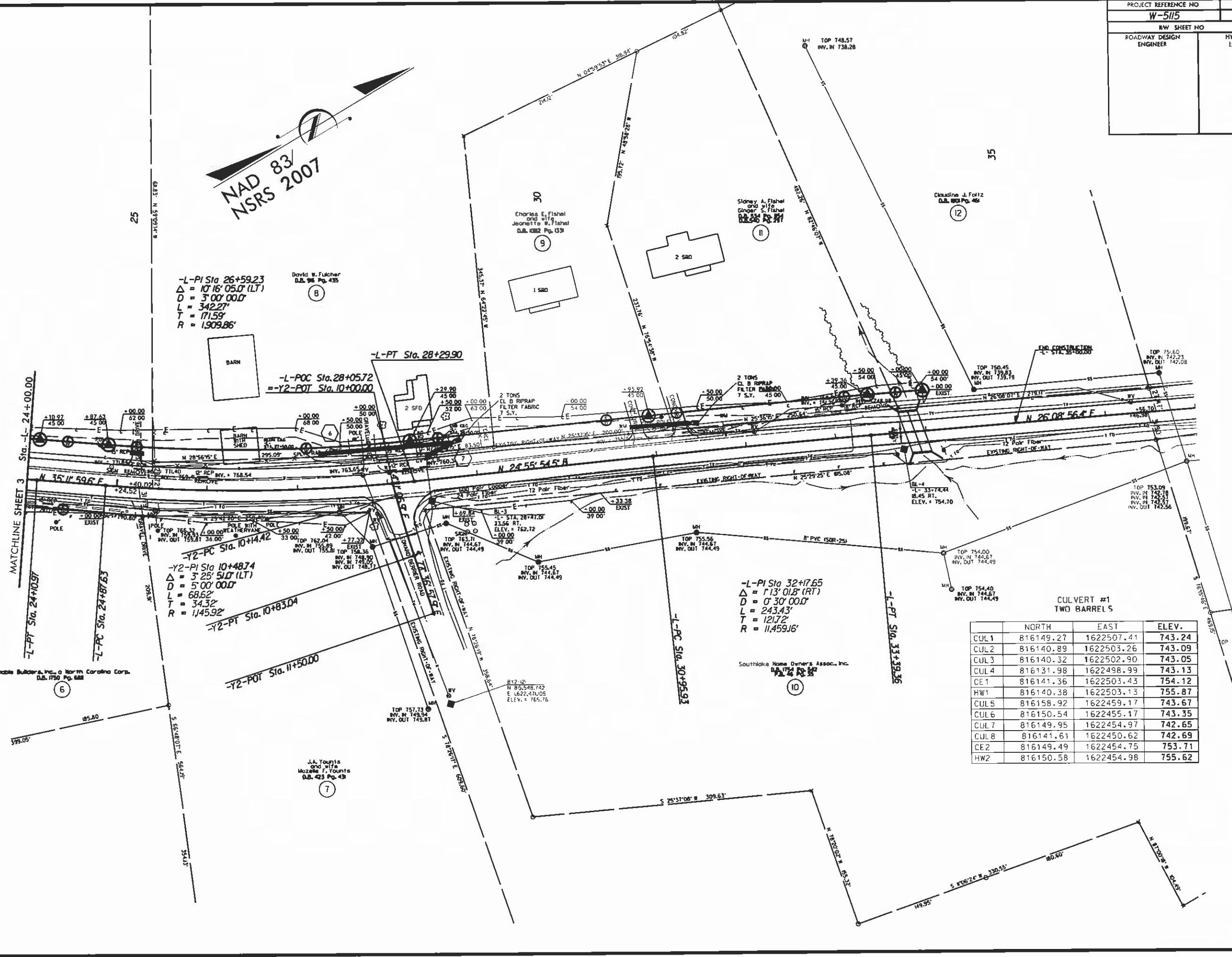
-Y2-PC Sta. 10+14.42
 -Y2-PI Sta 10+48.74
 $\Delta = 3' 25' 51.0" (LT)$
 $D = 5' 00' 00.0"$
 $L = 68.62'$
 $T = 34.32'$
 $R = 1,459.92'$

-L-PI Sta 32+7.65
 $\Delta = 1' 13' 01.8" (RT)$
 $D = 0' 30' 00.0"$
 $L = 243.43'$
 $T = 121.72'$
 $R = 11,459.16'$

CULVERT #1
TWO BARRELS

	NORTH	EAST	ELEV.
CUL 1	816149.27	1622507.41	743.24
CUL 2	816140.89	1622503.26	743.09
CUL 3	816140.32	1622502.90	743.05
CUL 4	816131.98	1622498.99	743.13
CE 1	816141.36	1622503.43	754.12
HW 1	816140.38	1622503.13	755.87
CUL 5	816158.92	1622459.17	743.67
CUL 6	816150.54	1622455.17	743.35
CUL 7	816149.95	1622454.97	742.65
CUL 8	816141.61	1622450.62	742.69
CE 2	816149.49	1622454.75	753.71
HW 2	816150.58	1622454.98	755.62

6/16/10
 REVISIONS
 Davidon Co W-5115 Rd, psh-4.dgn
 09:47
 2008
 Davidon Co W-5115 Rd, psh-4.dgn
 09:47
 2008



Venable Builders, Inc. a North Carolina Corp.
D.B. 1750 Pg. 688

J.A. Youngs and wife
Mozelle F. Youngs
D.B. 425 Pg. 43

Southlake Home Owners Assoc., Inc.
D.B. 1750 Pg. 688

Claudia J. Foltz
D.B. 808 Pg. 48

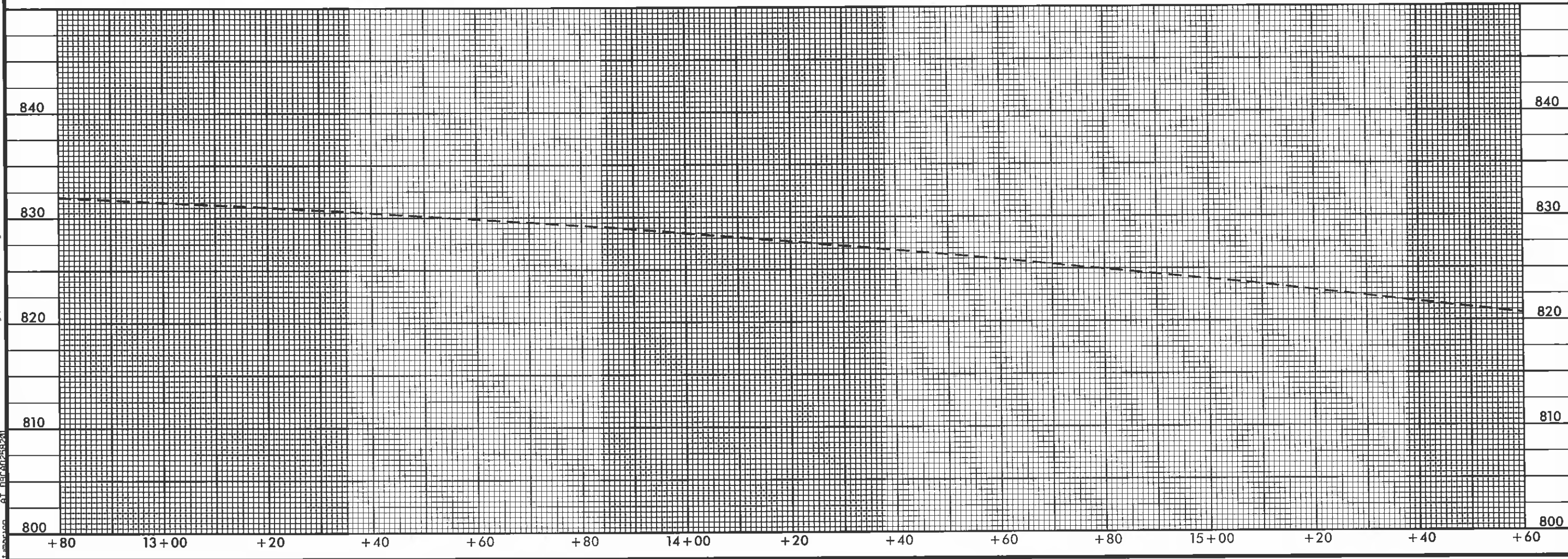
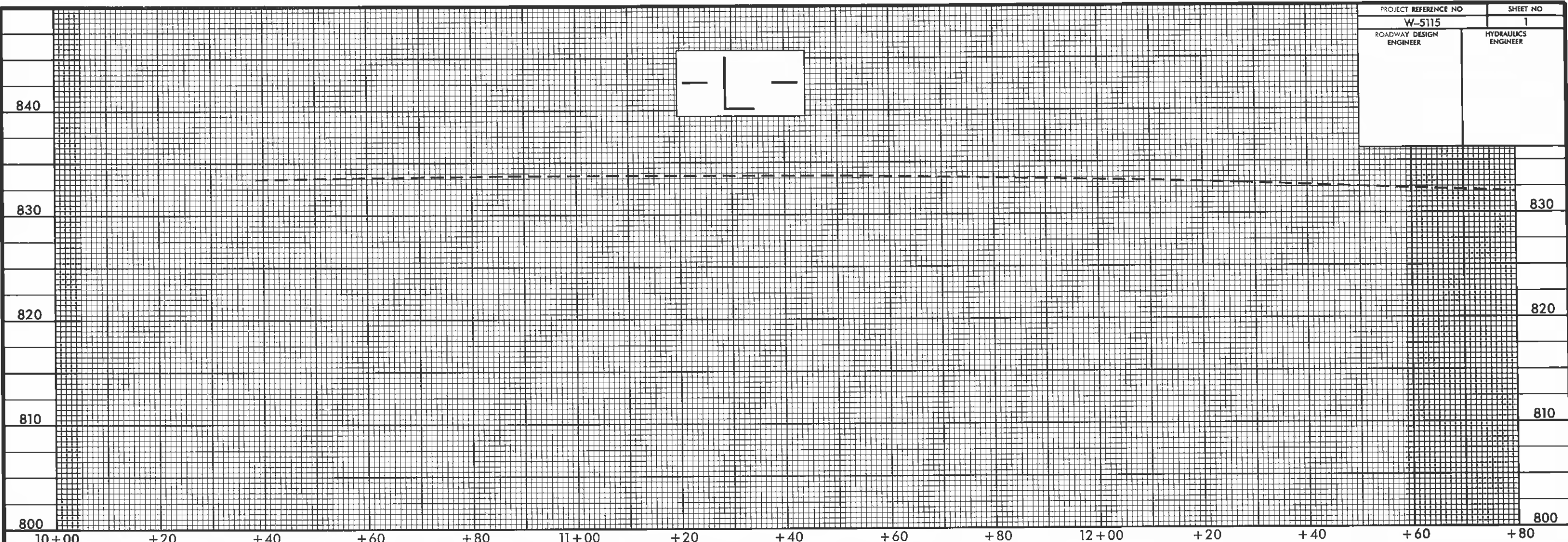
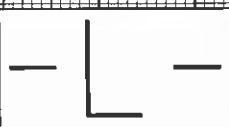
Charles E. Fishel and wife
Jeannette M. Fishel
D.B. 882 Pg. 133

Sidney A. Fishel and wife
Ginger S. Fishel
D.B. 882 Pg. 133

David W. Fulkner
D.B. 96 Pg. 425

5/28/99

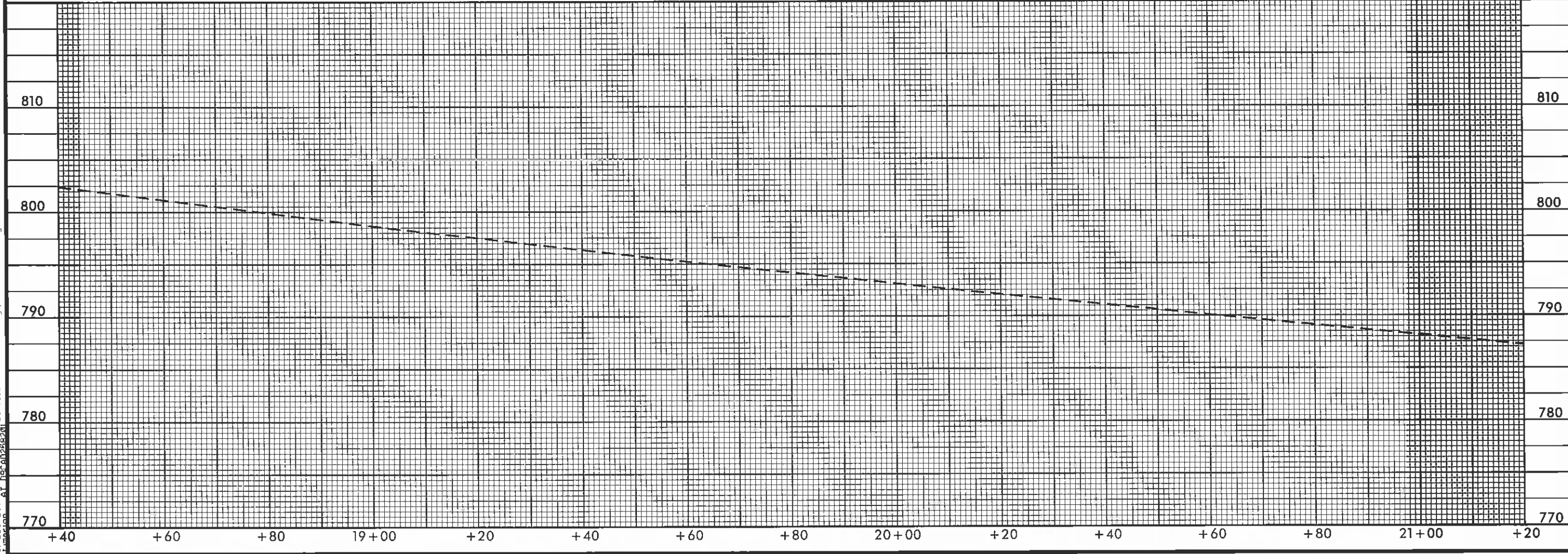
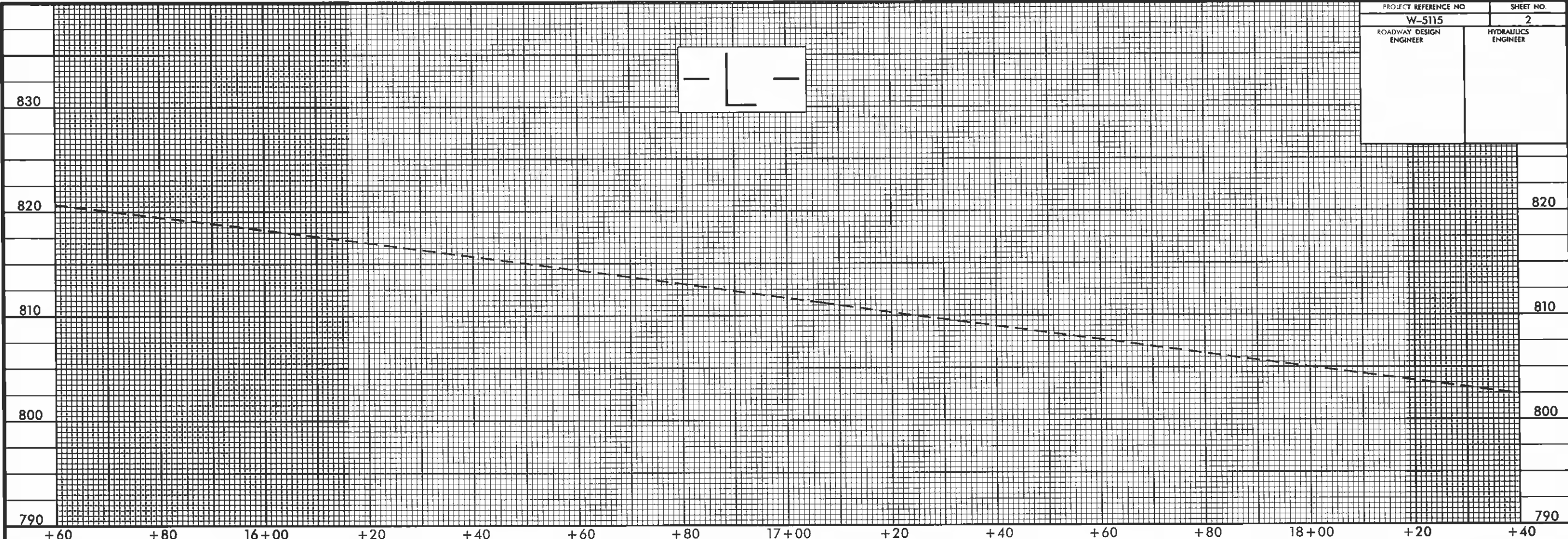
PROJECT REFERENCE NO	SHEET NO
W-5115	1
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



C:\WIN_2006\0314\031401\Davidson Co\W-5115.Rdy.plt_EXL_sheet.dgn

5/28/98

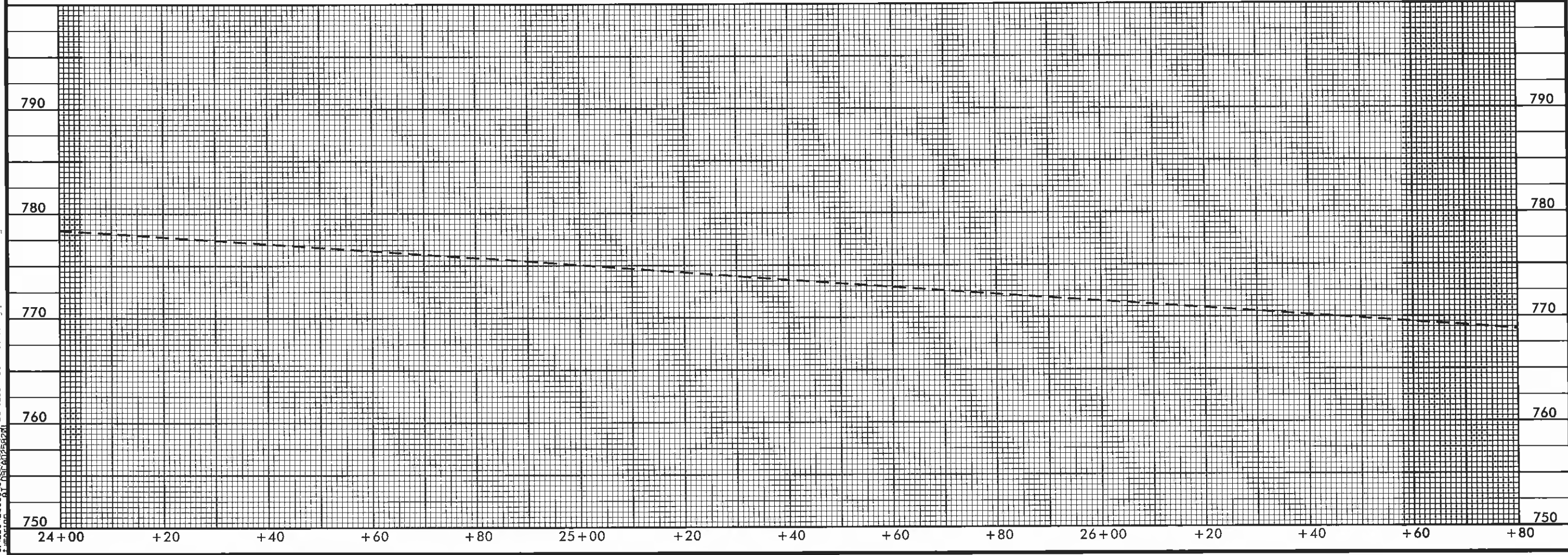
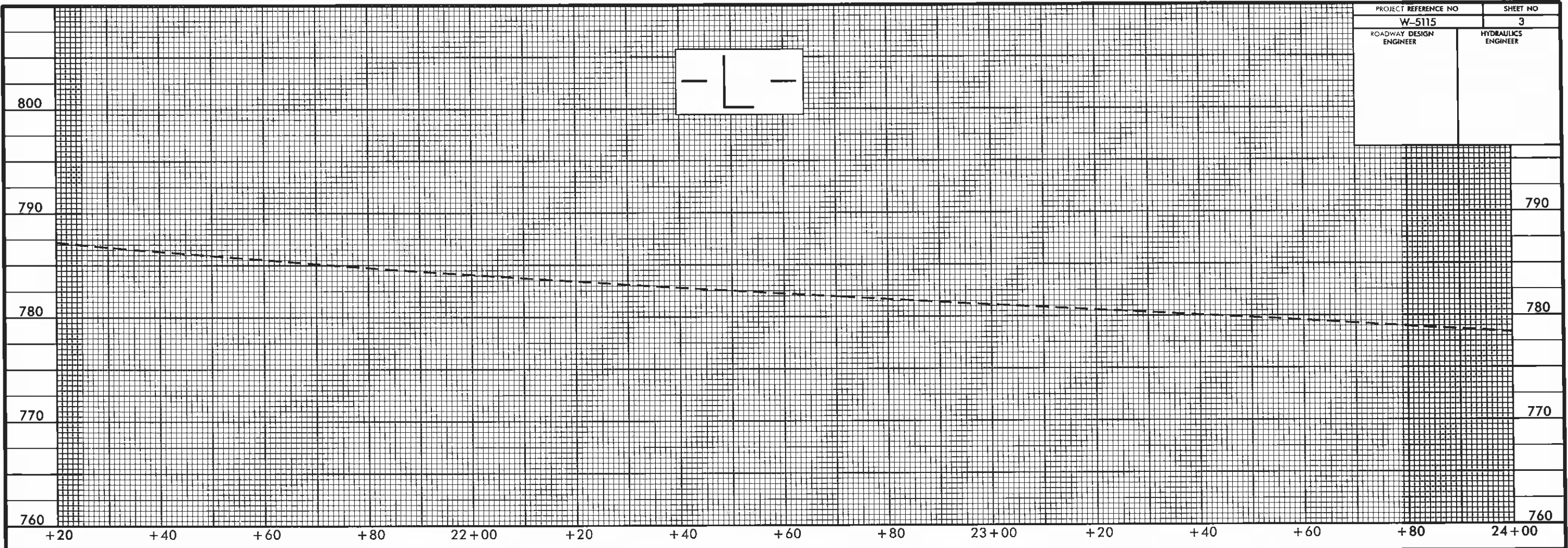
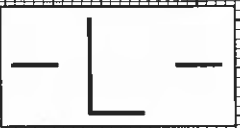
PROJECT REFERENCE NO.	SHEET NO.
W-5115	2
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



GR:MAN:2006:0314:14:01:15:Rdy:pl:EXL:sheet.dgn
5/28/98 10:51:53 AM

5/28/99

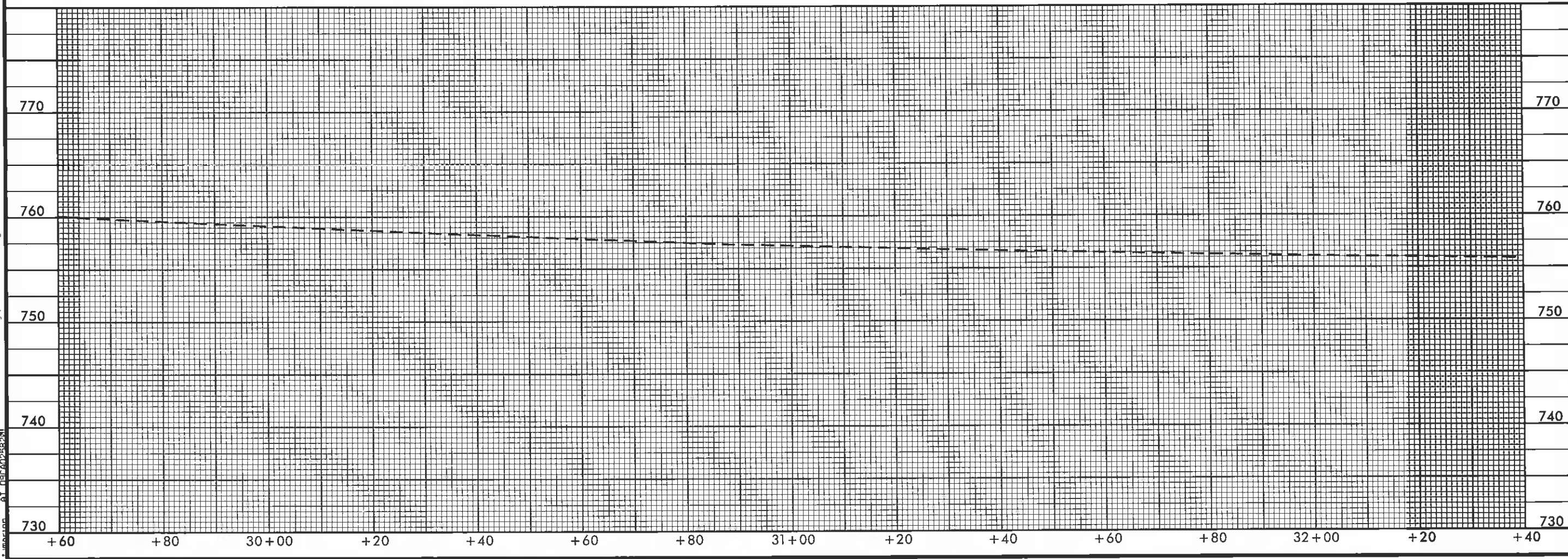
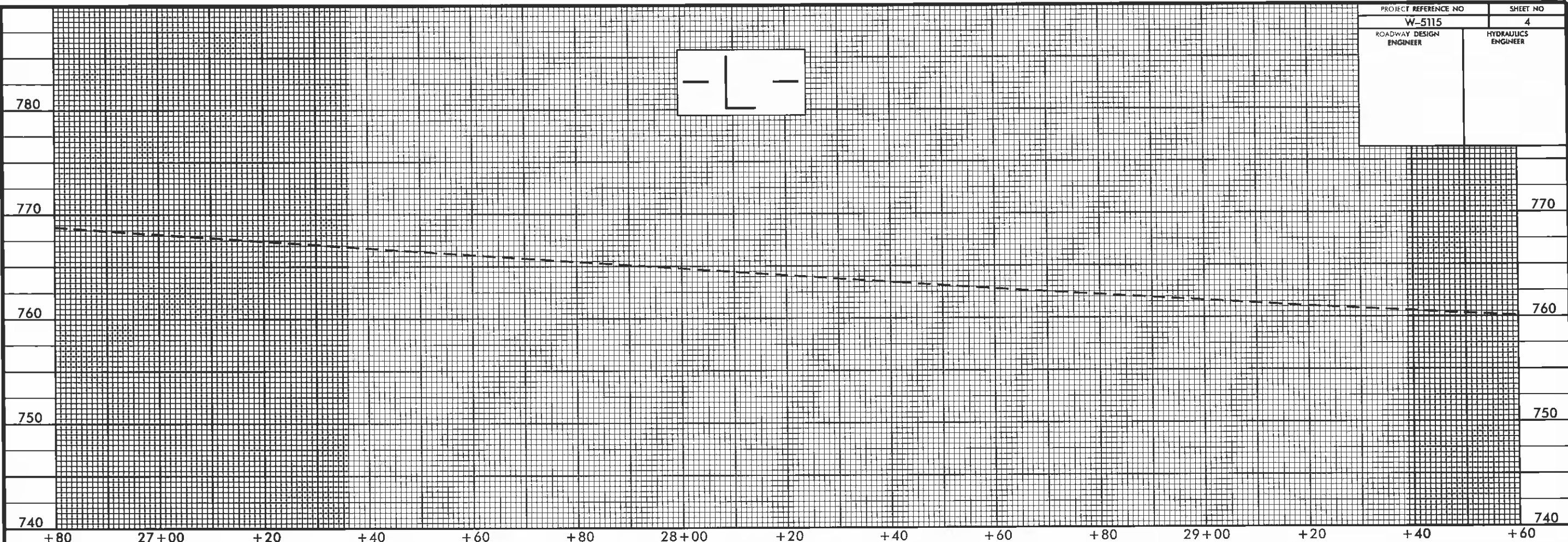
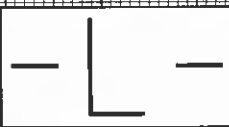
PROJECT REFERENCE NO	SHEET NO
W-5115	3
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



Davidson Co\W-5115.Rdy.pfl.EXL..sheet.dgn

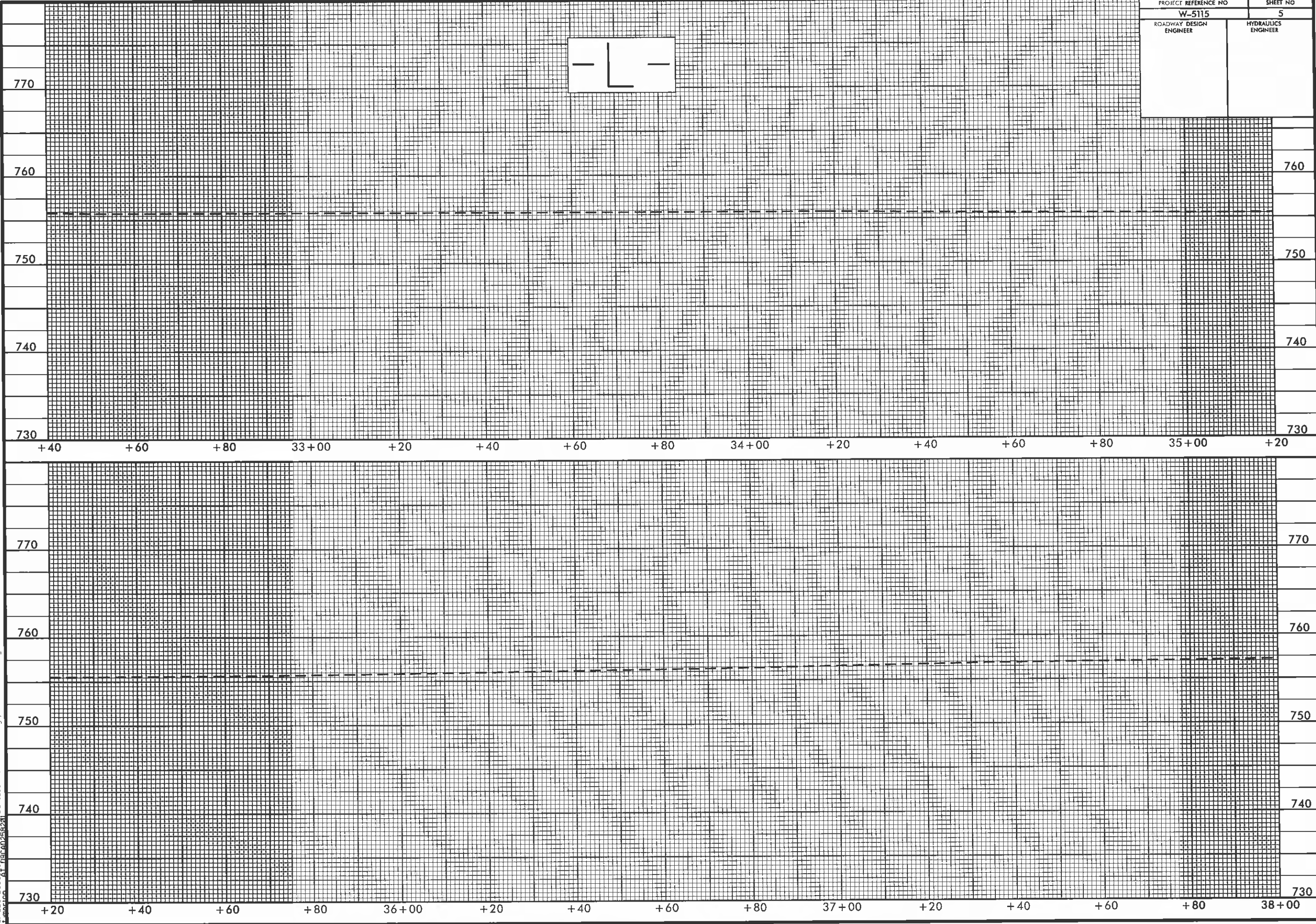
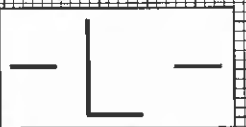
5/28/99

PROJECT REFERENCE NO	SHEET NO
W-5115	4
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



DR:MAN 2/26/99 08:14:04 W:\Drawings\Dev\5115.Rdy.pfl,EXL_sheets.dgn

PROJECT REFERENCE NO	SHEET NO
W-5115	5
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

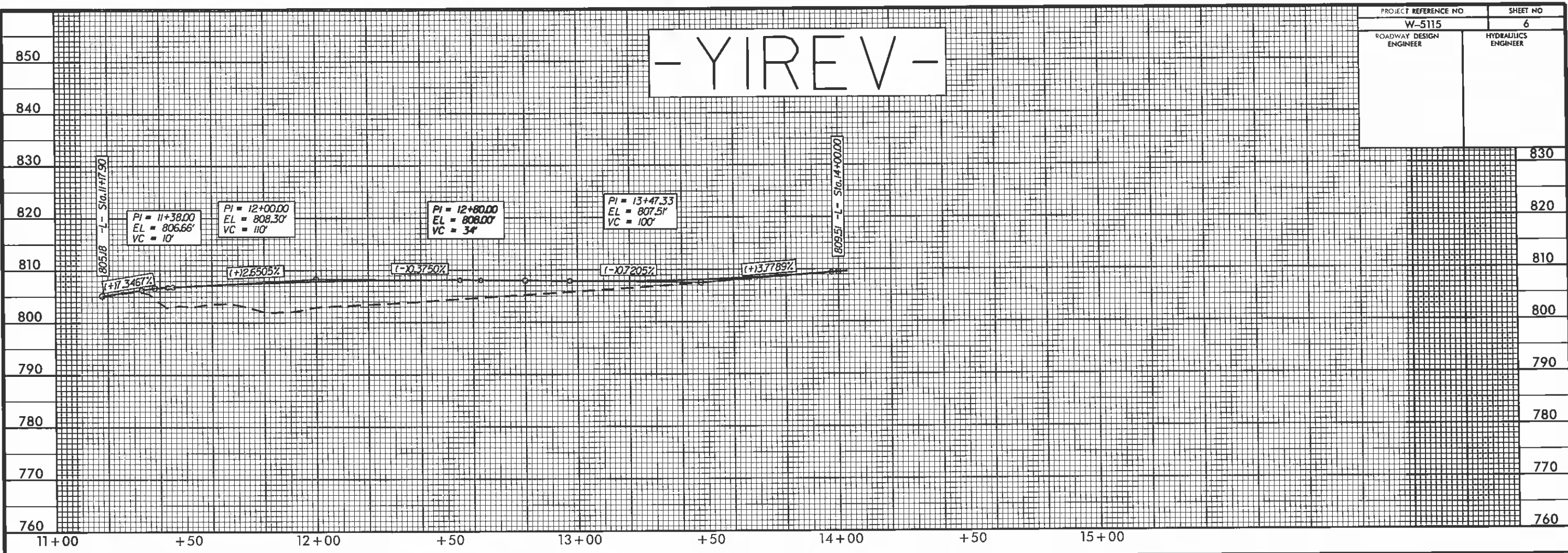


03 JAN 2006 09:15:05 D:\V-5115_Rd.dgn p11.EXL sheet.dgn
 5/28/99
 15:01:58

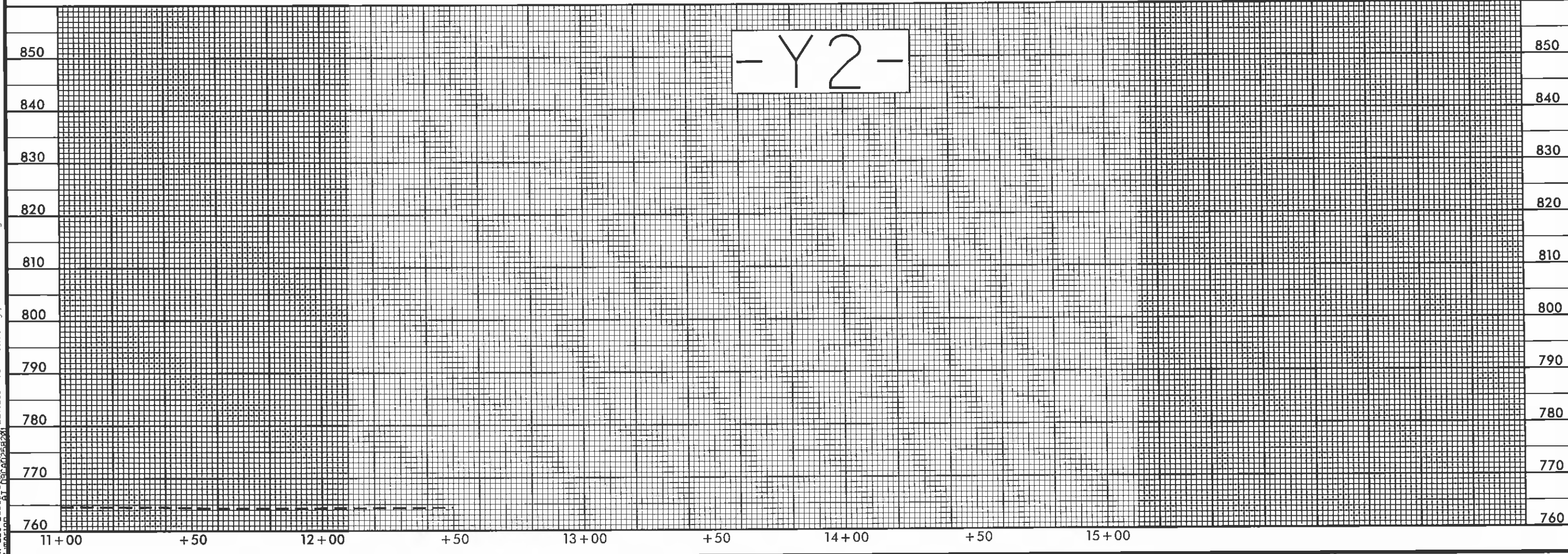
5/28/99

PROJECT REFERENCE NO	SHEET NO
W-5115	6
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-YIREV-



-Y2-

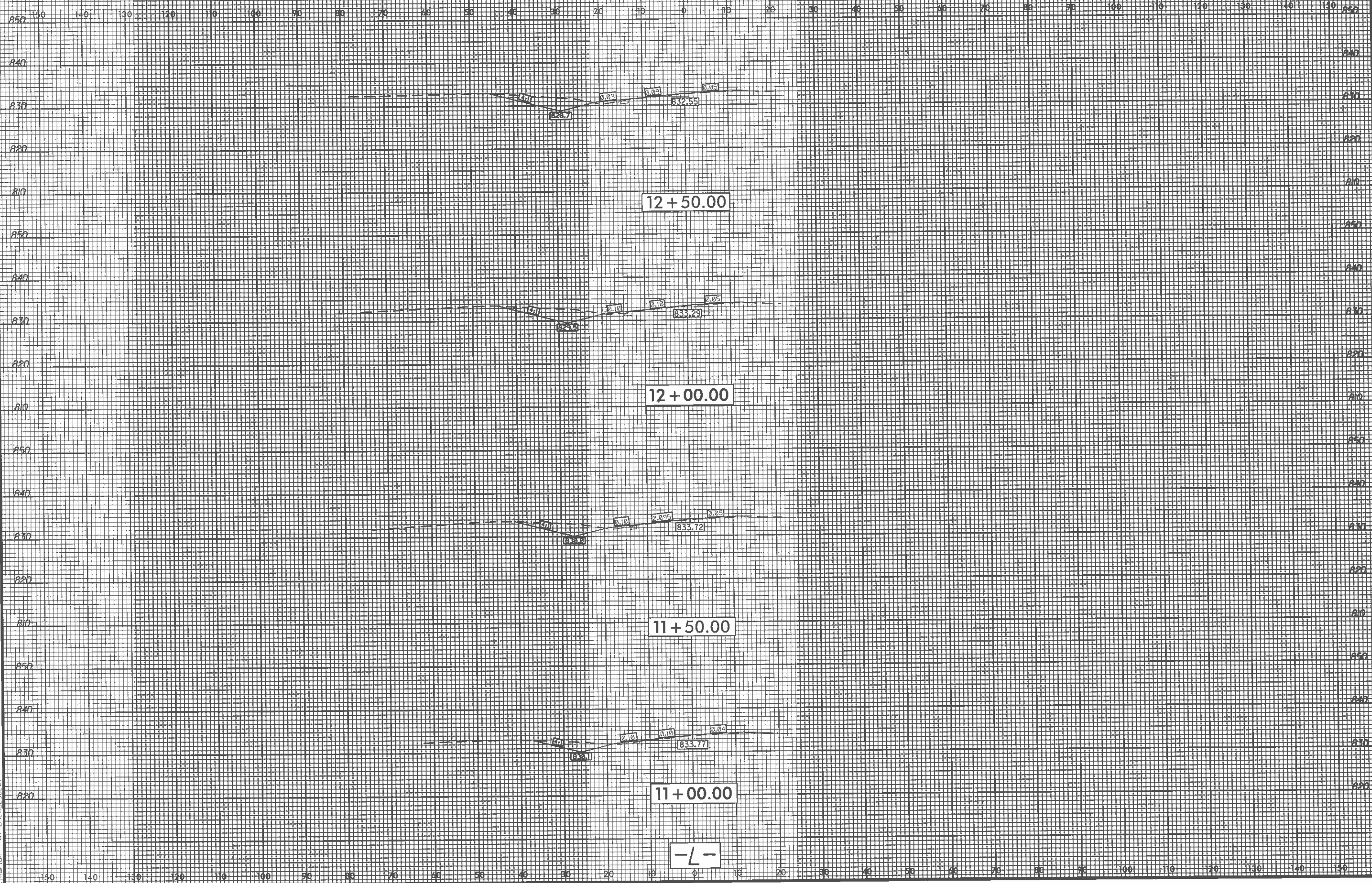


88:JAN:2006:08:15:Davidson Co\W-5115_Pdy.plt.YIREV.sheeta.dgn



B:\23799

08 JAN 2010 14:25
C:\UNC\5008\N\5008\dwg\115.Rdy.rpl.L.dgn
T:\marcon

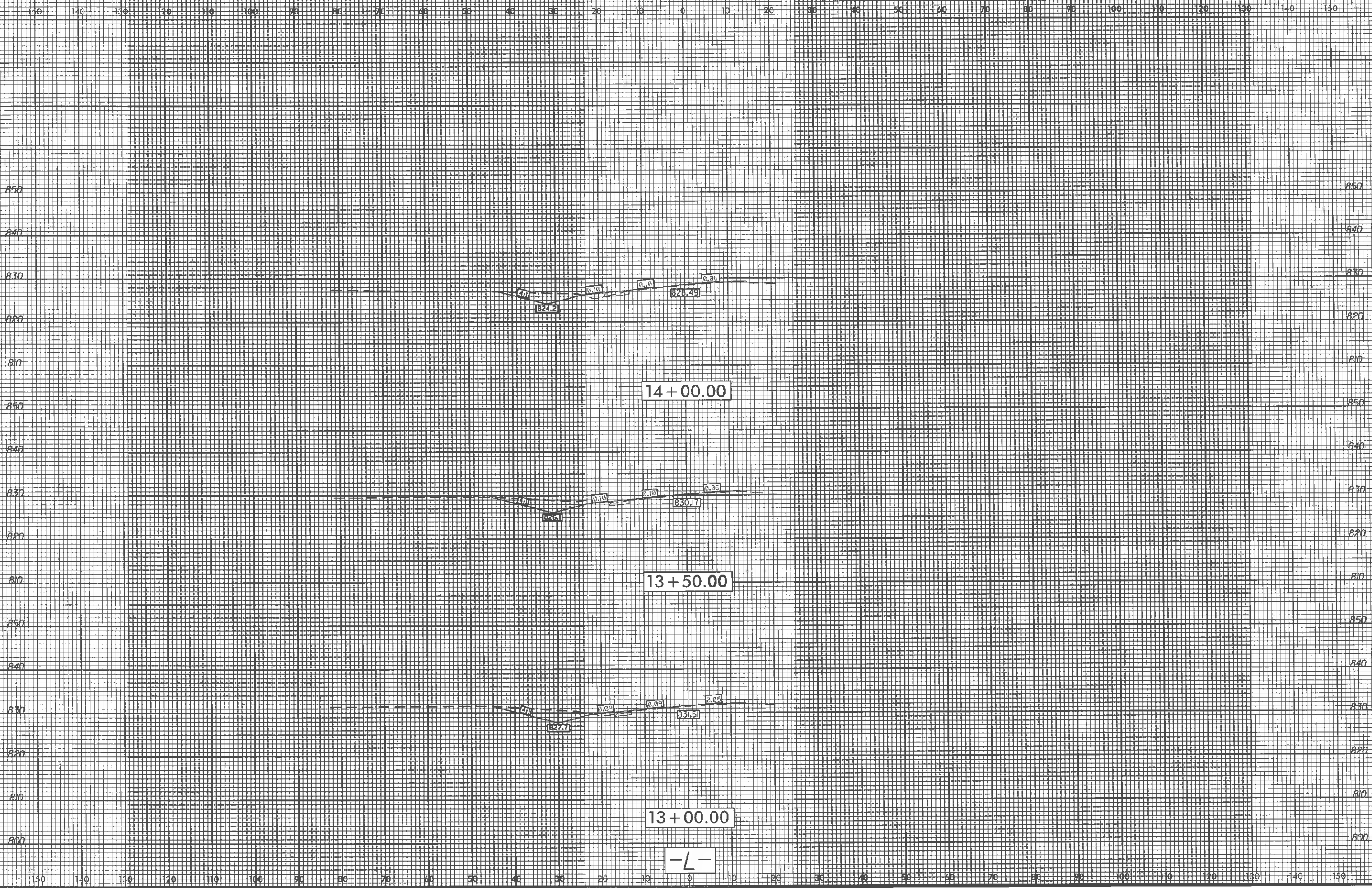


150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

8/23/19



PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-2

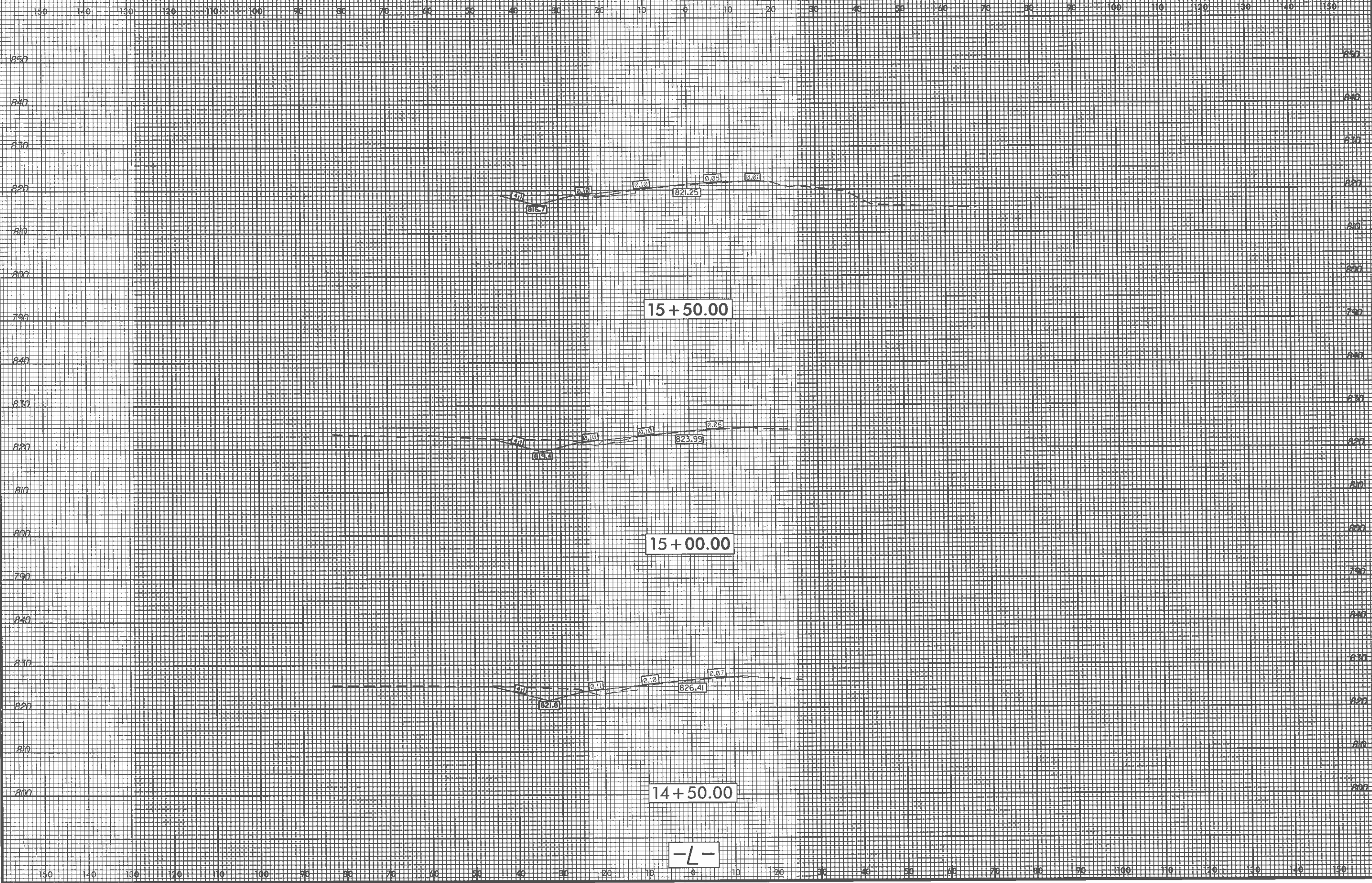


09-JAN-2013 14:26
 5A:\001\2008\NC\108\108.dwg Davidson Co\W-5115.Rdy.rpl.L.dgn
 1:10000 AT D:\A023281

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-3



09-JAN-2012 14:27
 S:\DUC\2008_NC\150W\5115\03 Davidon Co\W-5115_Rdy_xpl_L.dgn
 Timorion AT 05C4028281

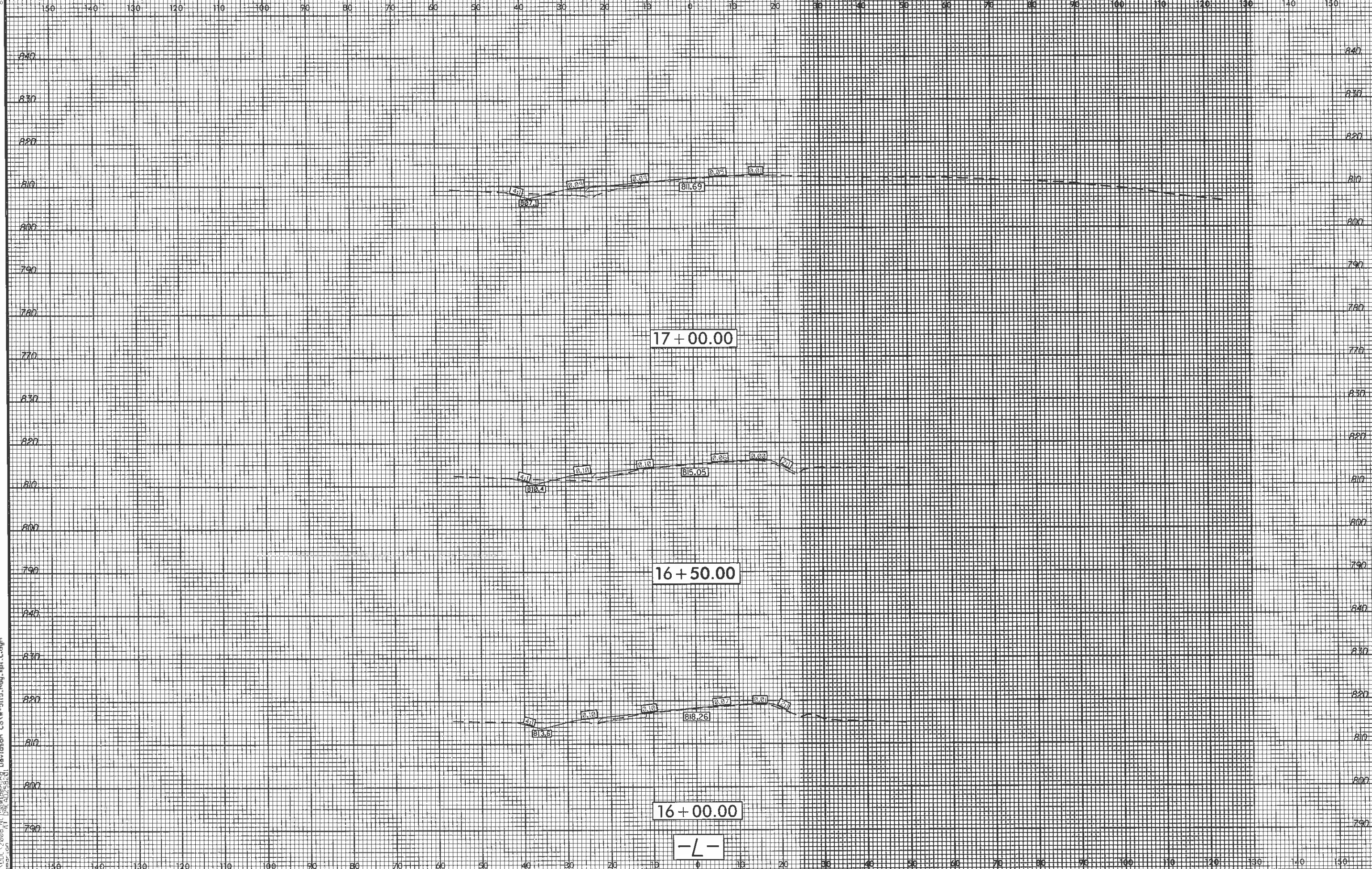
-L-

8/23/94



PROJ. REFERENCE NO.
W-5115

SHEET NO.
X-4



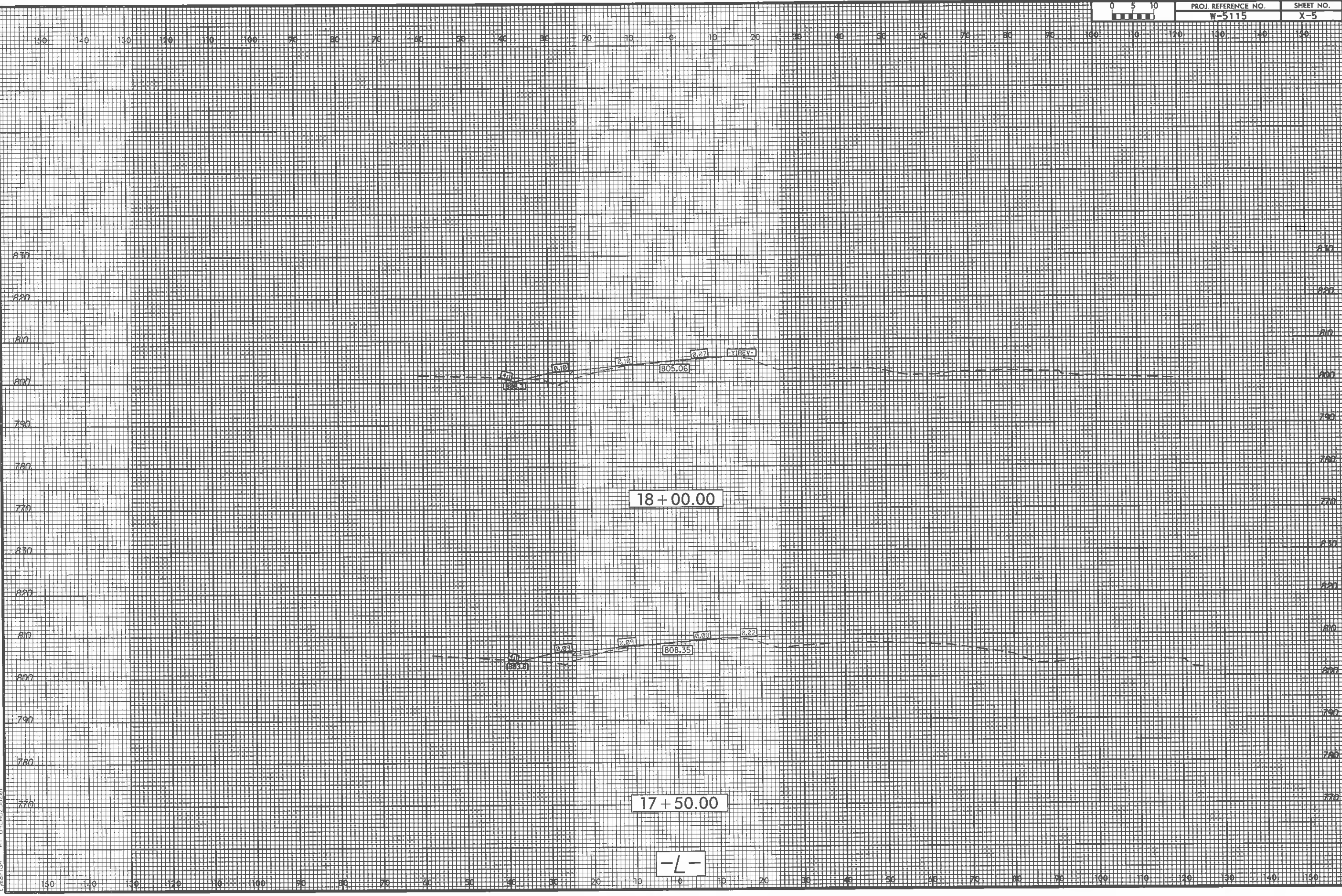
09 JAN 2002 4:29
 C:\G00\2008\N\150\WSP\1508.Dwg
 1508.Dwg
 1508.Dwg
 1508.Dwg

-L-



PROJ. REFERENCE NO. W-5115 SHEET NO. X-5

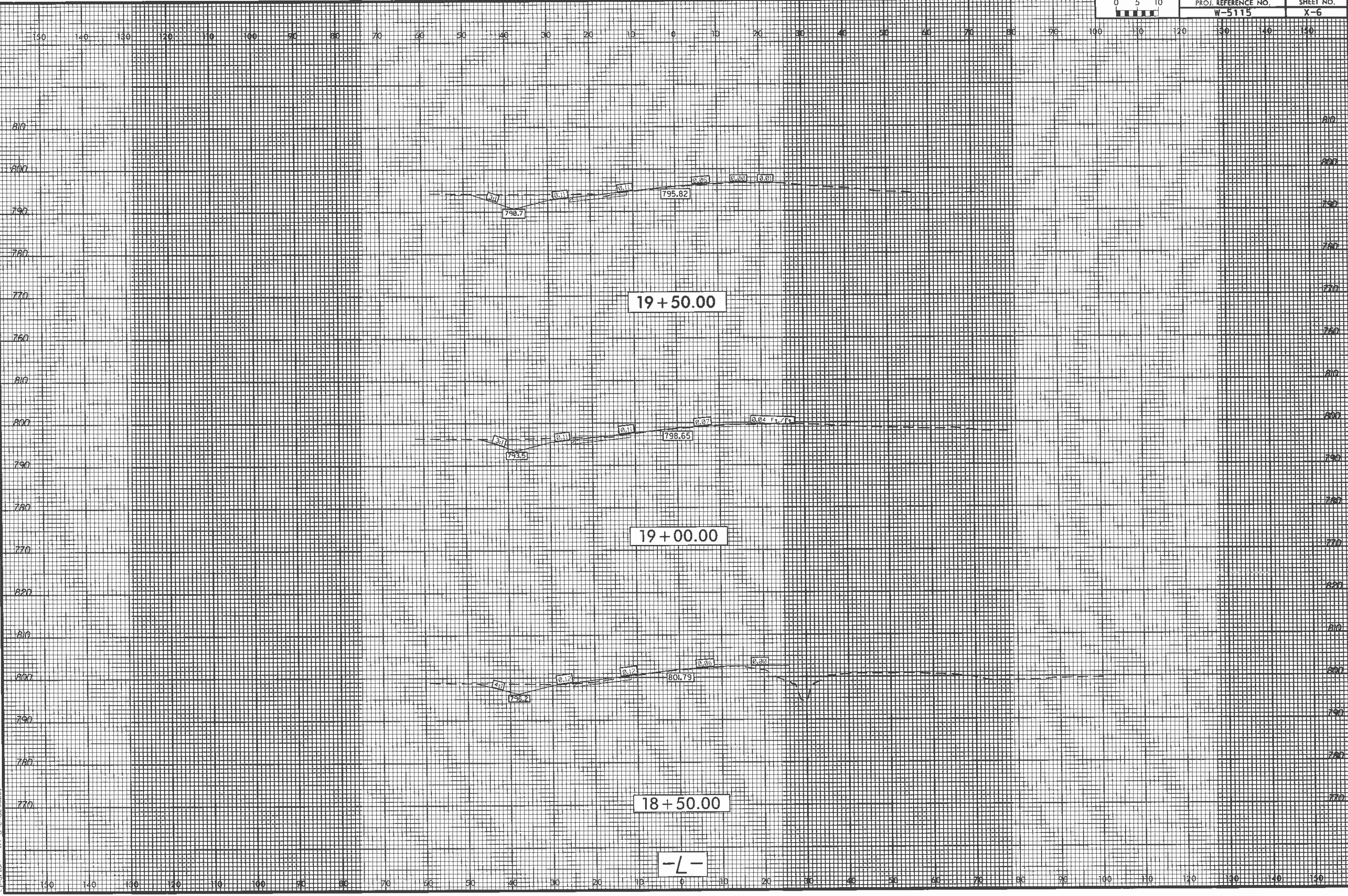
8/23/94
C:\AN\2002\14\F1
3-DRAW\2002\14\150\W5115.dgn
Davidson Co\W-5115.Rdy.rpl.L.dgn
A:\50\AD\53826





2/22/09

D:\AN-2002-14-31
CAD\CAD\2008\NE 50\wades\19 Davidson Co W-5115.Rdy.rpl.L.dgn
15/03/2008 11:51:30 AM



19+50.00

19+00.00

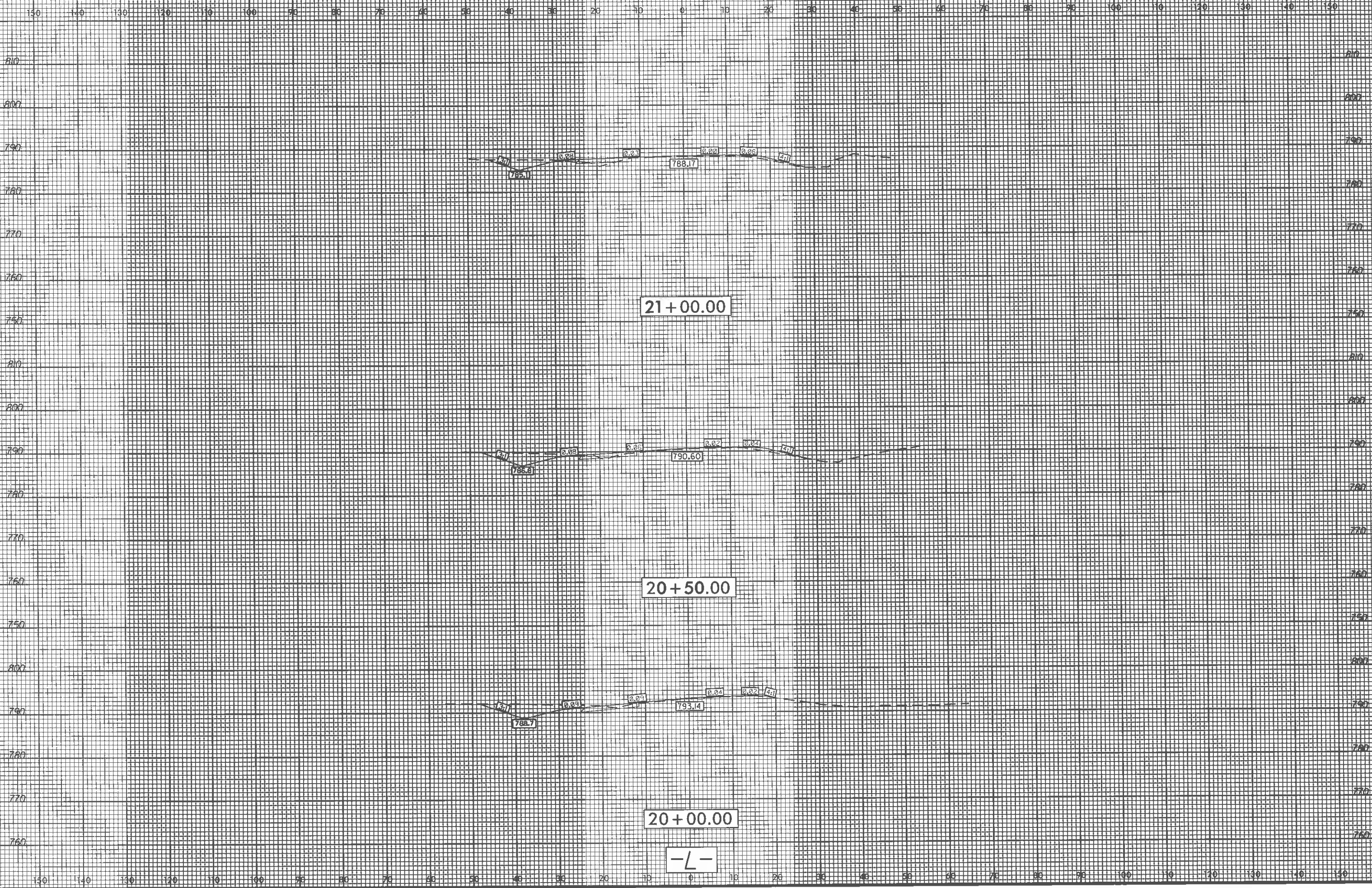
18+50.00

-L-

8/23/09



PROJ. REFERENCE NO. W-5115 SHEET NO. X-7

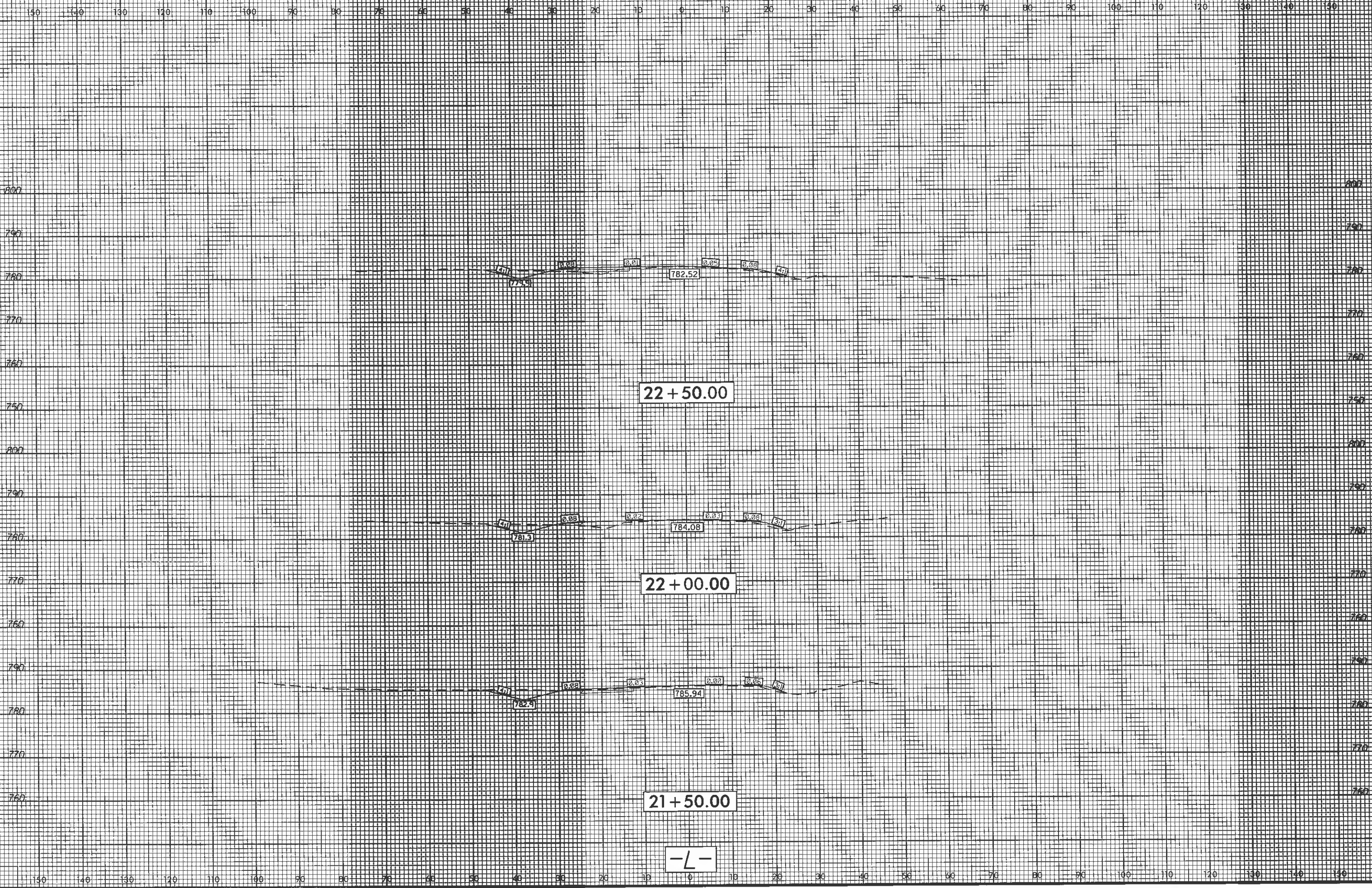


09-ANN-2012 1433
S:\00\2008 NC 150\w\p\09 Davidson Co W-5115_Rdy.-pl. L.dgn
Limerick

3/23/09



PROJ. REFERENCE NO. W-5115 SHEET NO. X-8



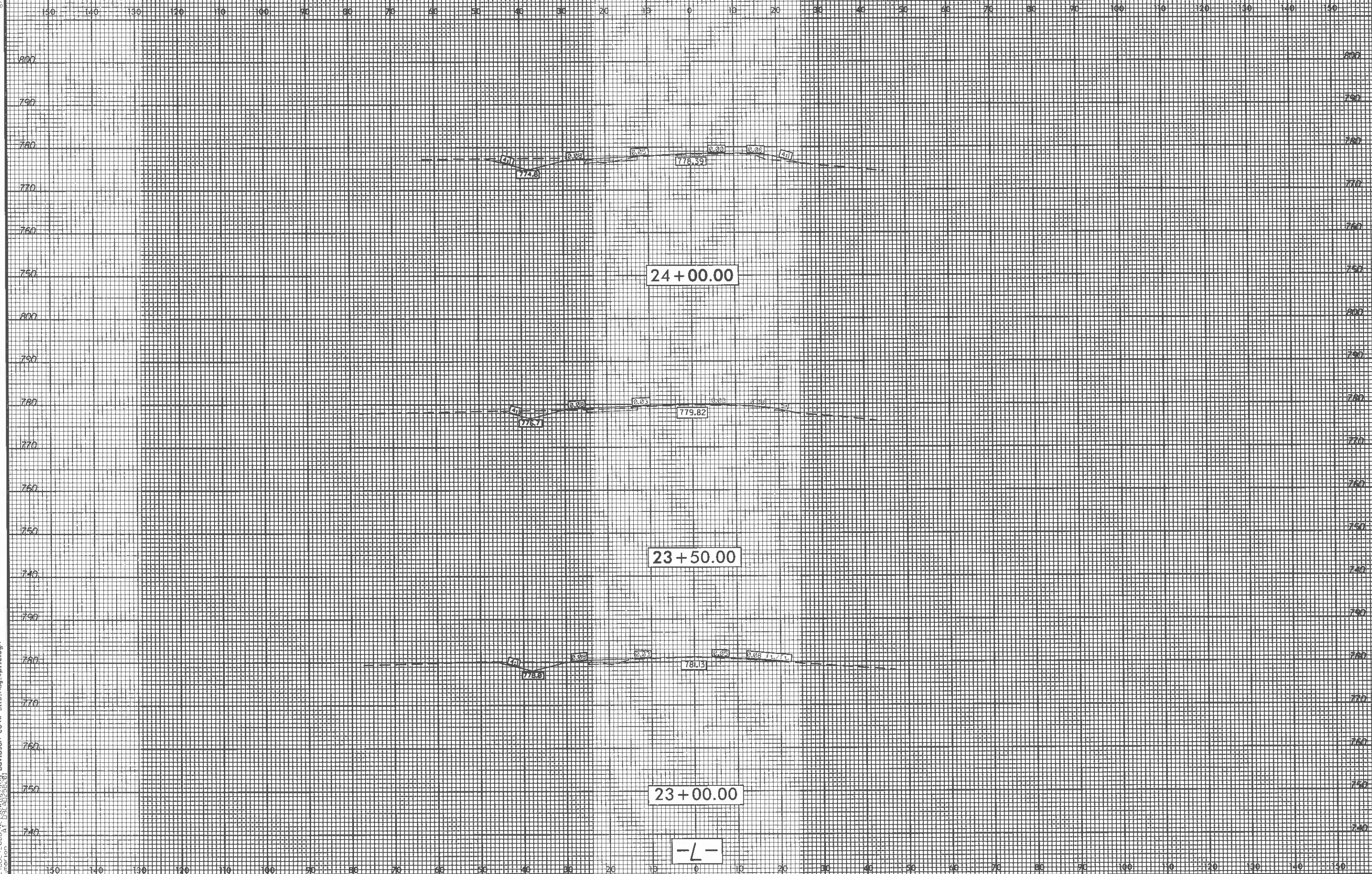
09-JAN-2012 14:34
S:\JDC\2008 NC 150\W-5115.dgn
Davidson Co\W-5115.dwg - pl.L.dgn
L:\morton

8/23/14



PROJ. REFERENCE NO
W-5115

SHEET NO.
X-9



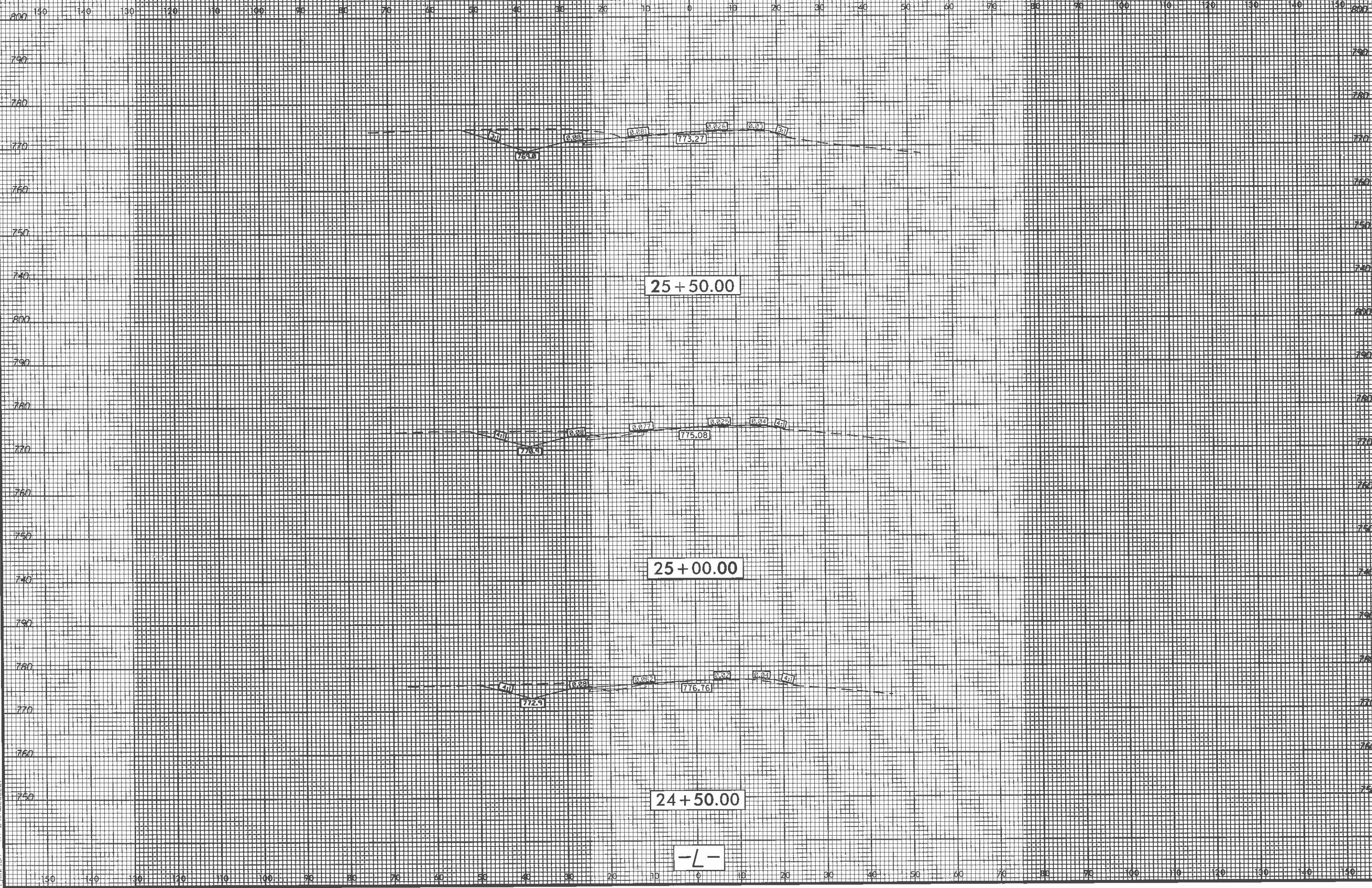
09-JAN-2012 04:36
S:\DDC\2006 NC 150\w5115\03 Davidson Co.W-5115_Rdy.rpl.L.dgn
User: A:\DSCAD\255201

-L-



8/23/99

09-JAN-2002 14:37
S:\JUN_2008\N\150\W\5115_Rdy.rpl.L.dgn
T:\m\ron

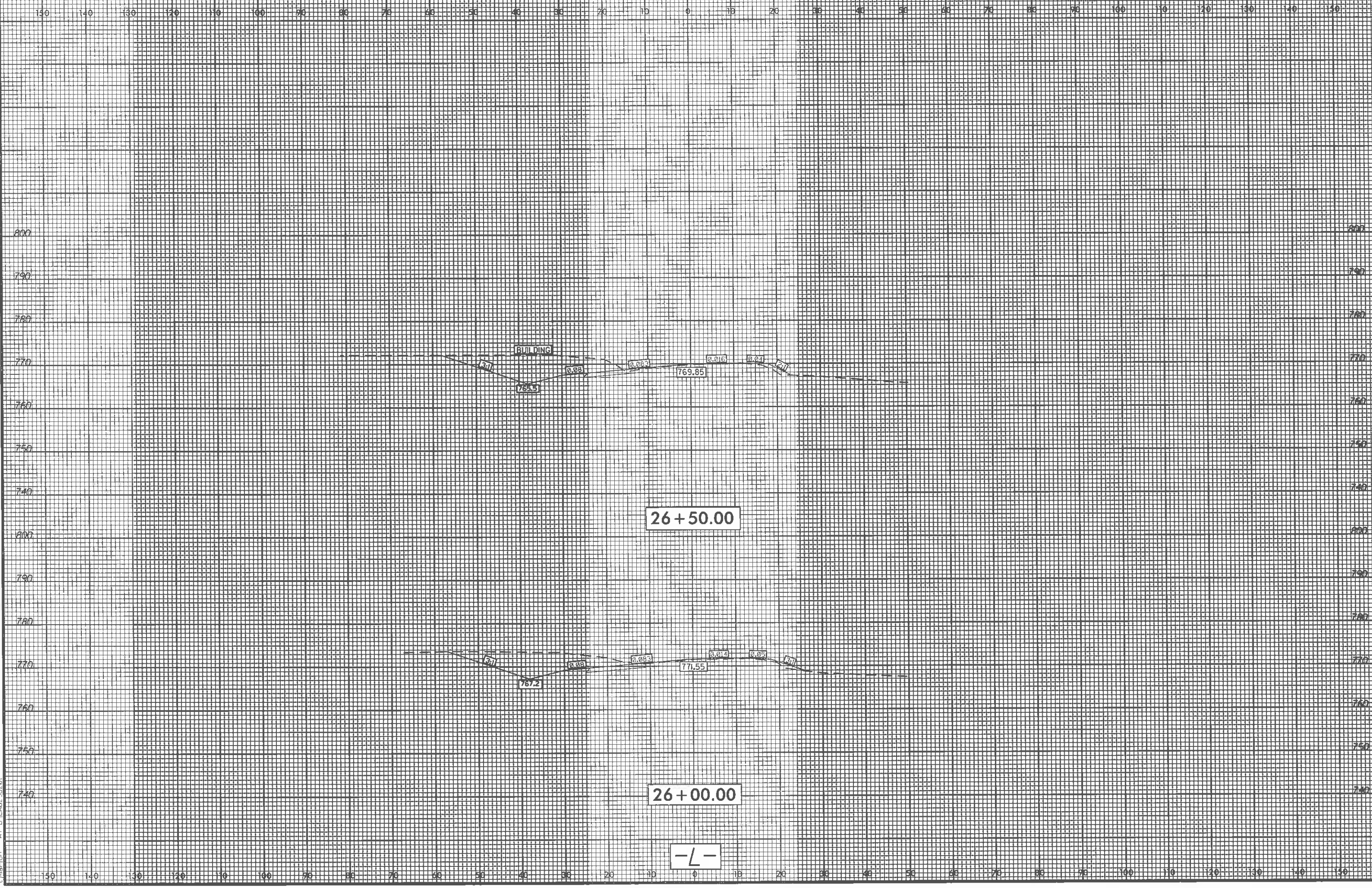


-L-

8/23/99
D:\AN\2002\1475
C:\00\2002\150\W-5115\RDY-PL.L.dgn
A:\50\W-5115\RDY-PL.L.dgn



PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-11



26 + 50.00

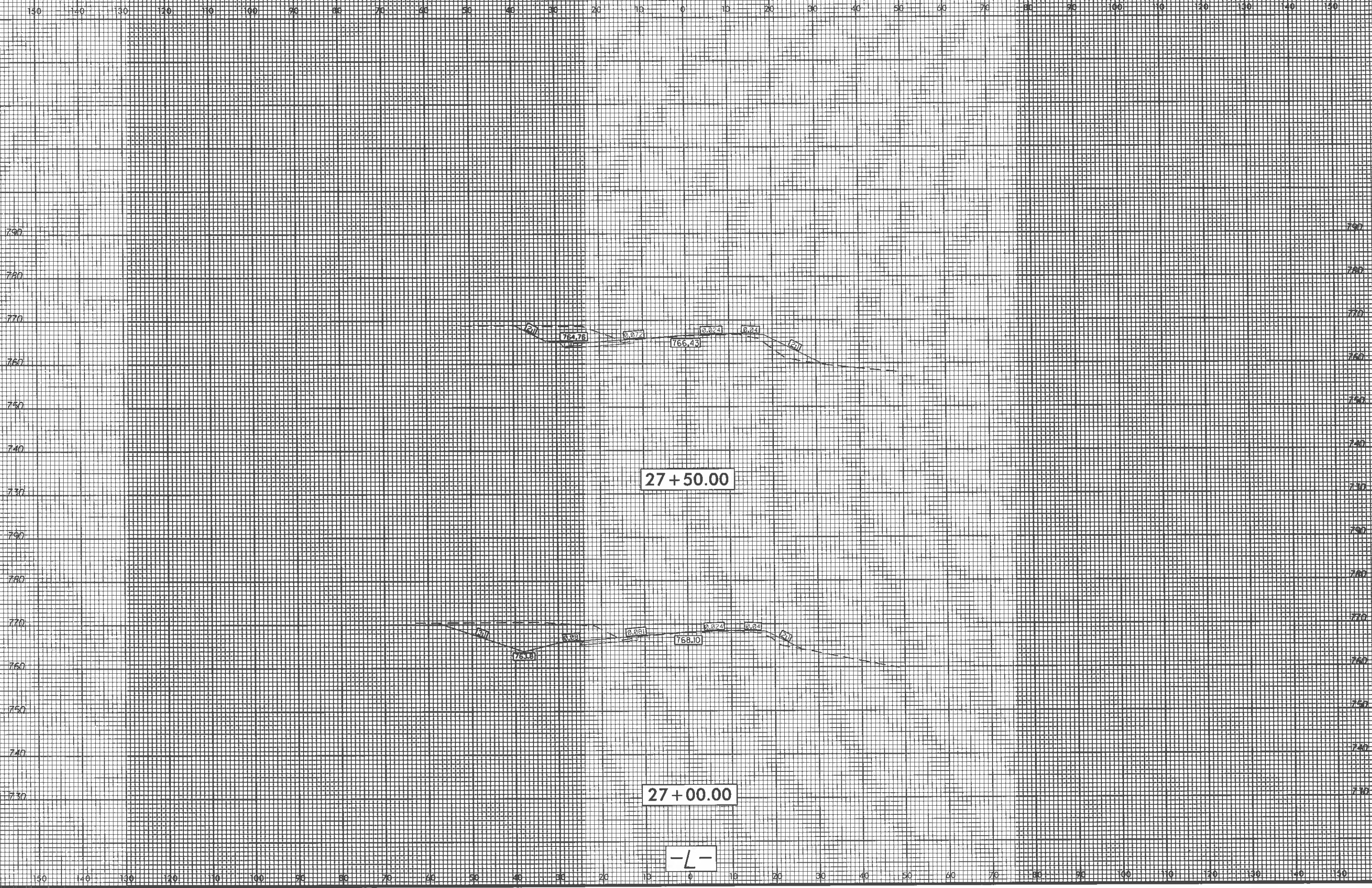
26 + 00.00

-L-

8/23/99



PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-12

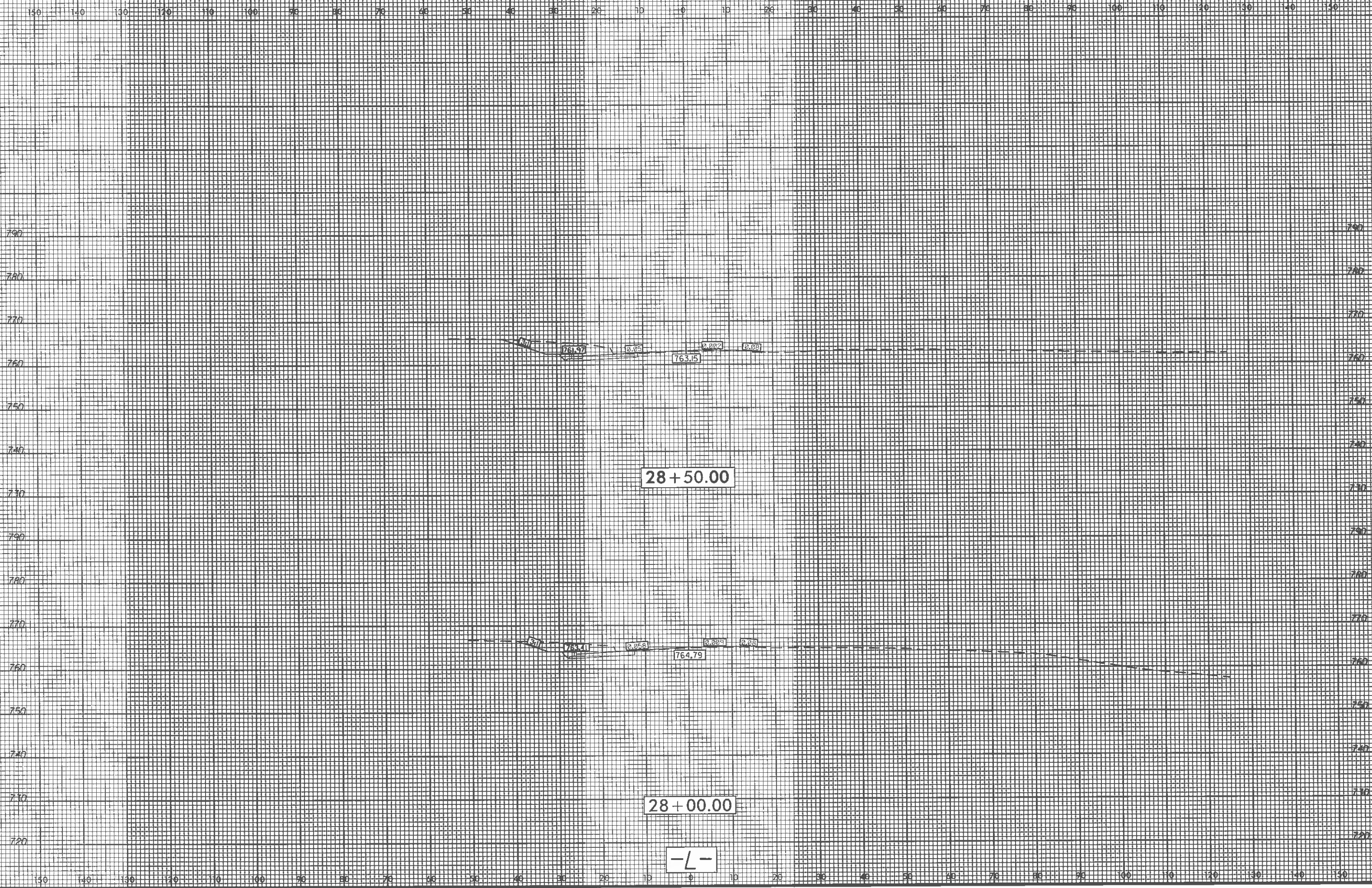


09-JAN-2012 14:41
 S:\DC\3008\NLS\150\dep\109
 Davidon Co\W-5115_Rdy.sp.L.dgn
 timorion AT BSCAD\28231

8/23/94



PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-13

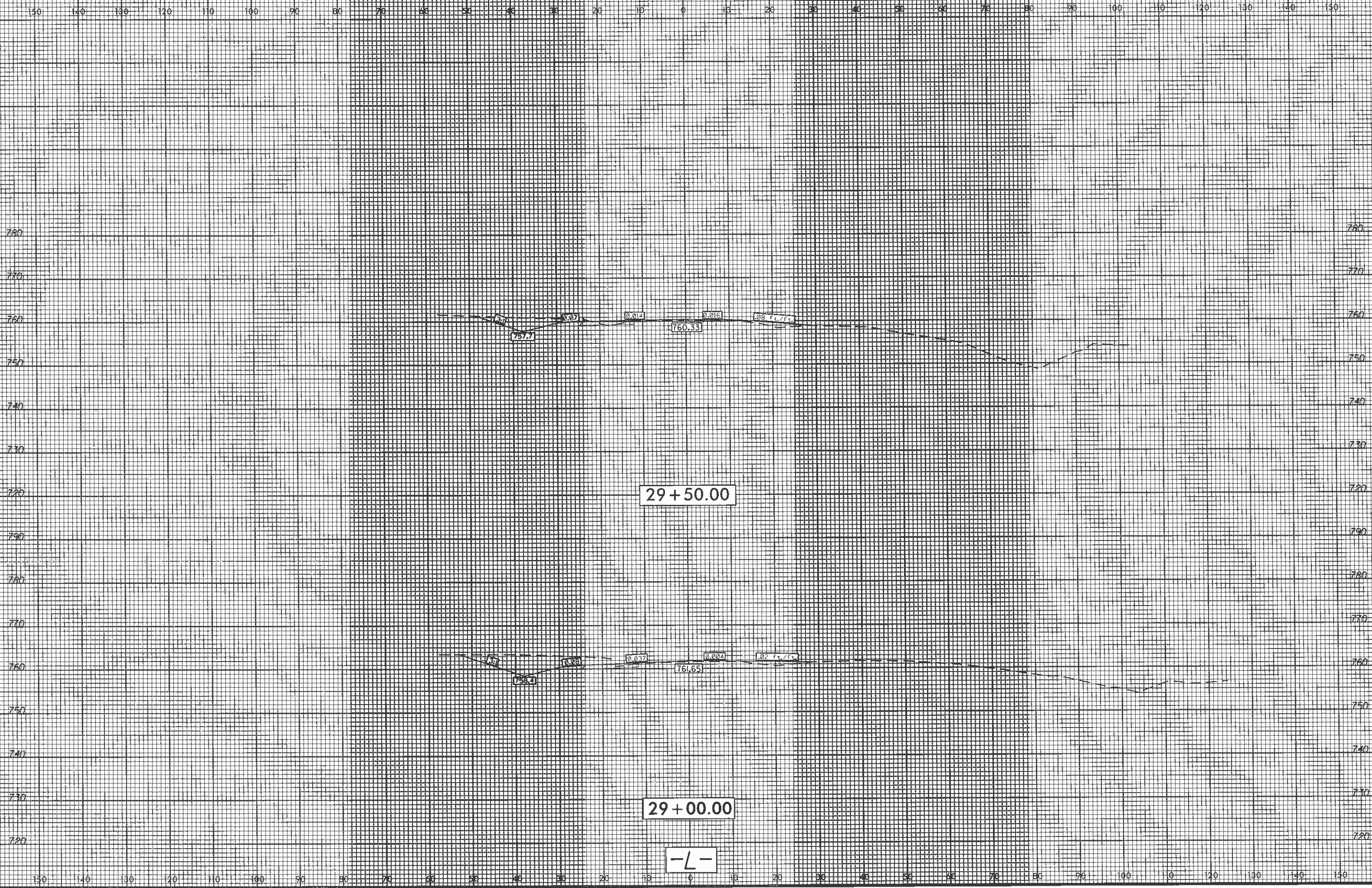


09-MAY-2012 14:47 Davidon Co W-5115 Rdg. -pl. L.dgn
S:\DOT\2008\NC\50Mile\2008\DOT\2008\A\281

8/23/99



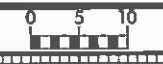
PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-14



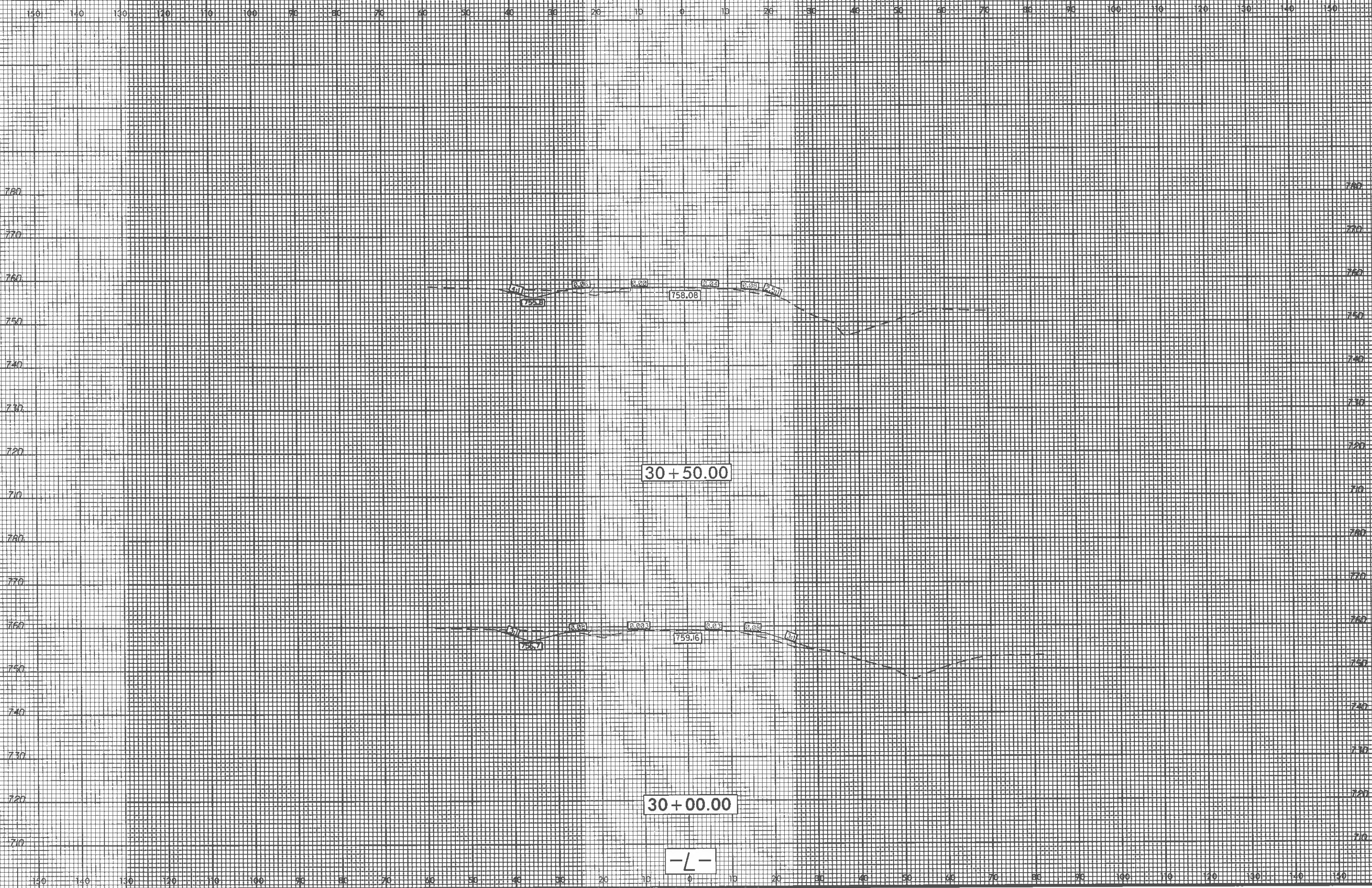
09-JAN-2002 14:43
 C:\01\2008 AC 150M\AC1508\Davidson Co\W-5115_Rdy.mpl.L.dgn
 Timorion AT BSC AD 25828

-L-

8/22/99



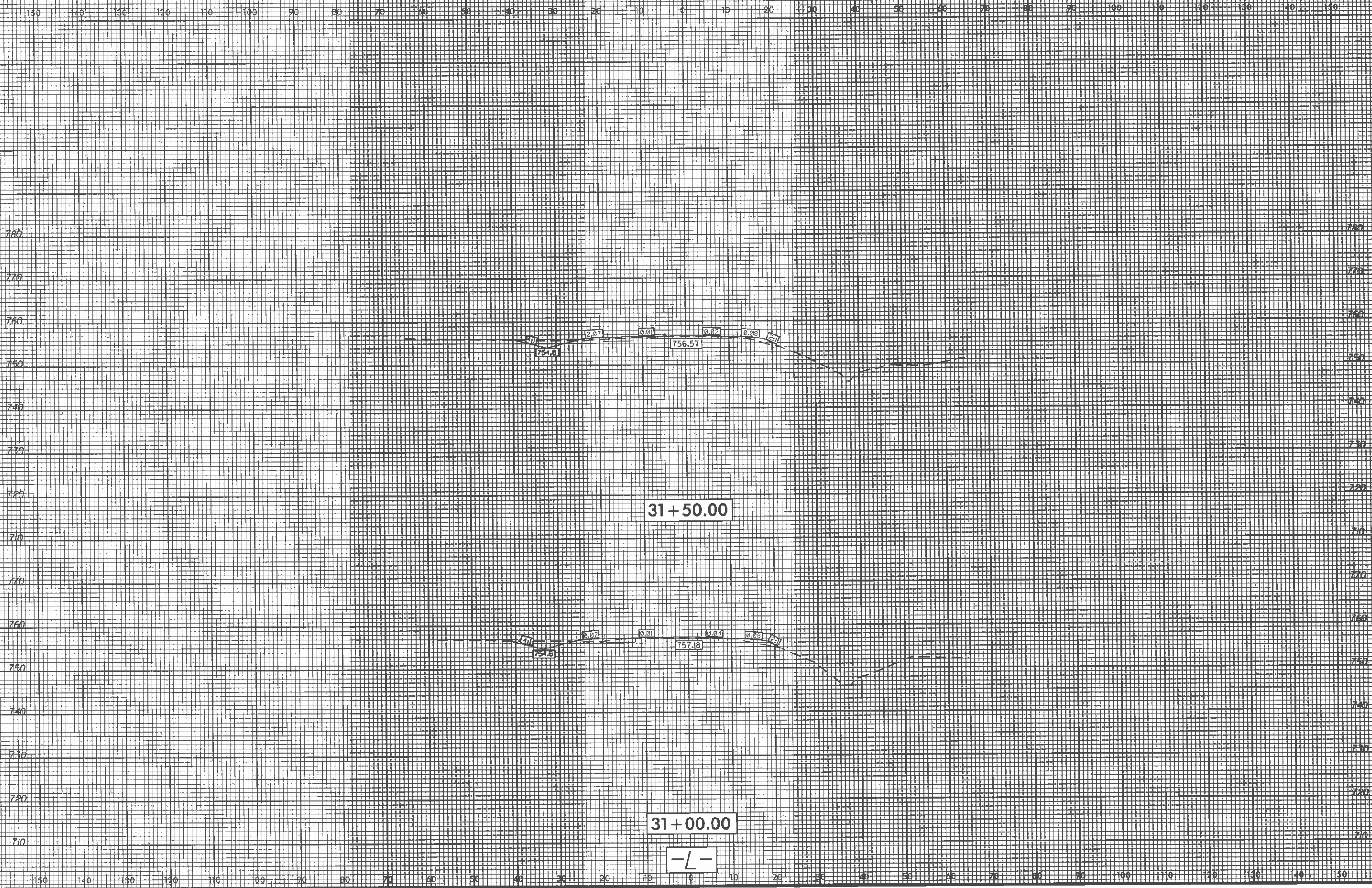
PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-15



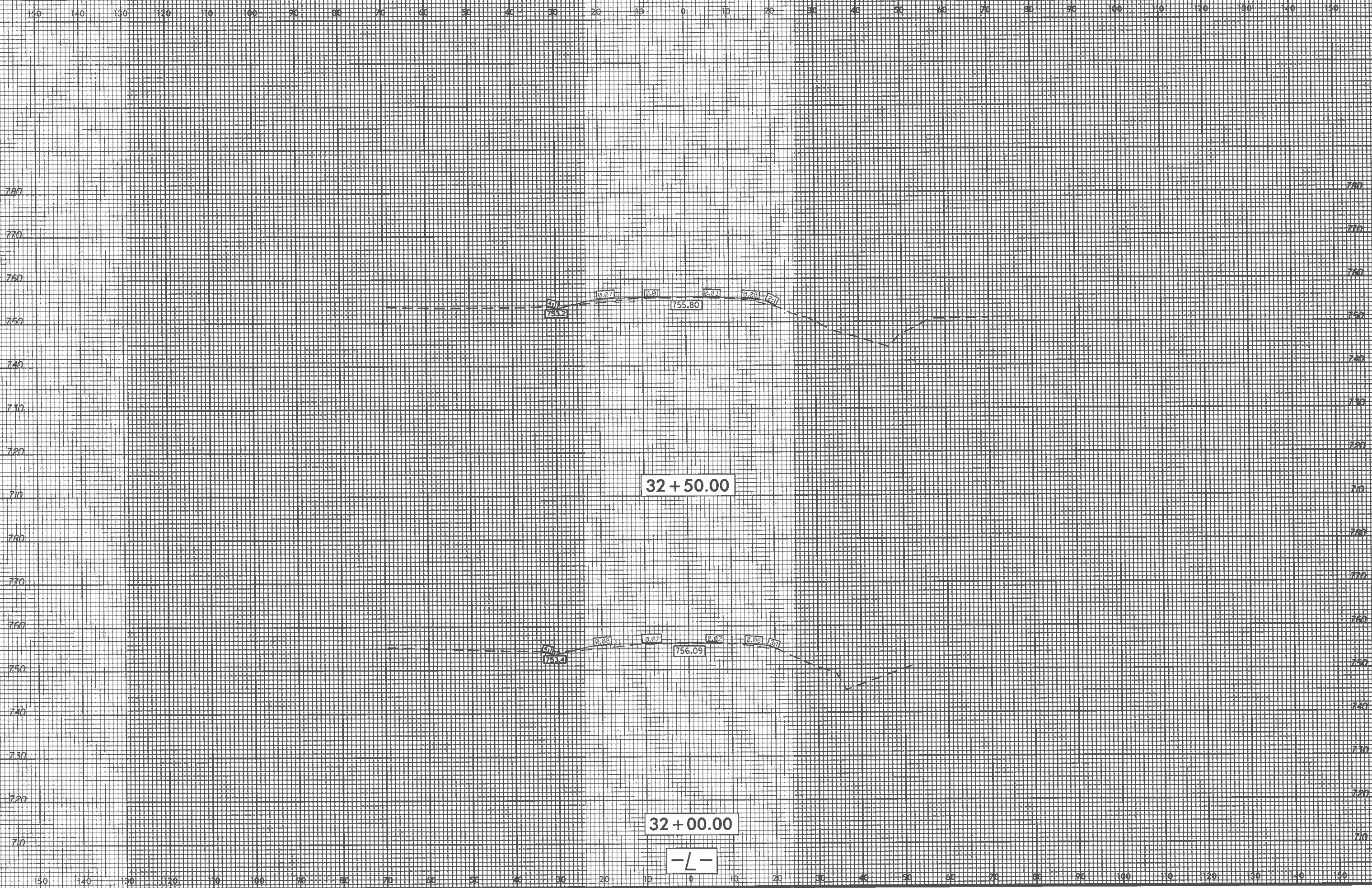
C:\AN\2017 14-45
 S:\DC\2018\N\150\wade\c81\DCAD\258281
 Davidon Co W-5115.Rdy.pl.L.dgn
 11/20/00

-L-

8/23/99



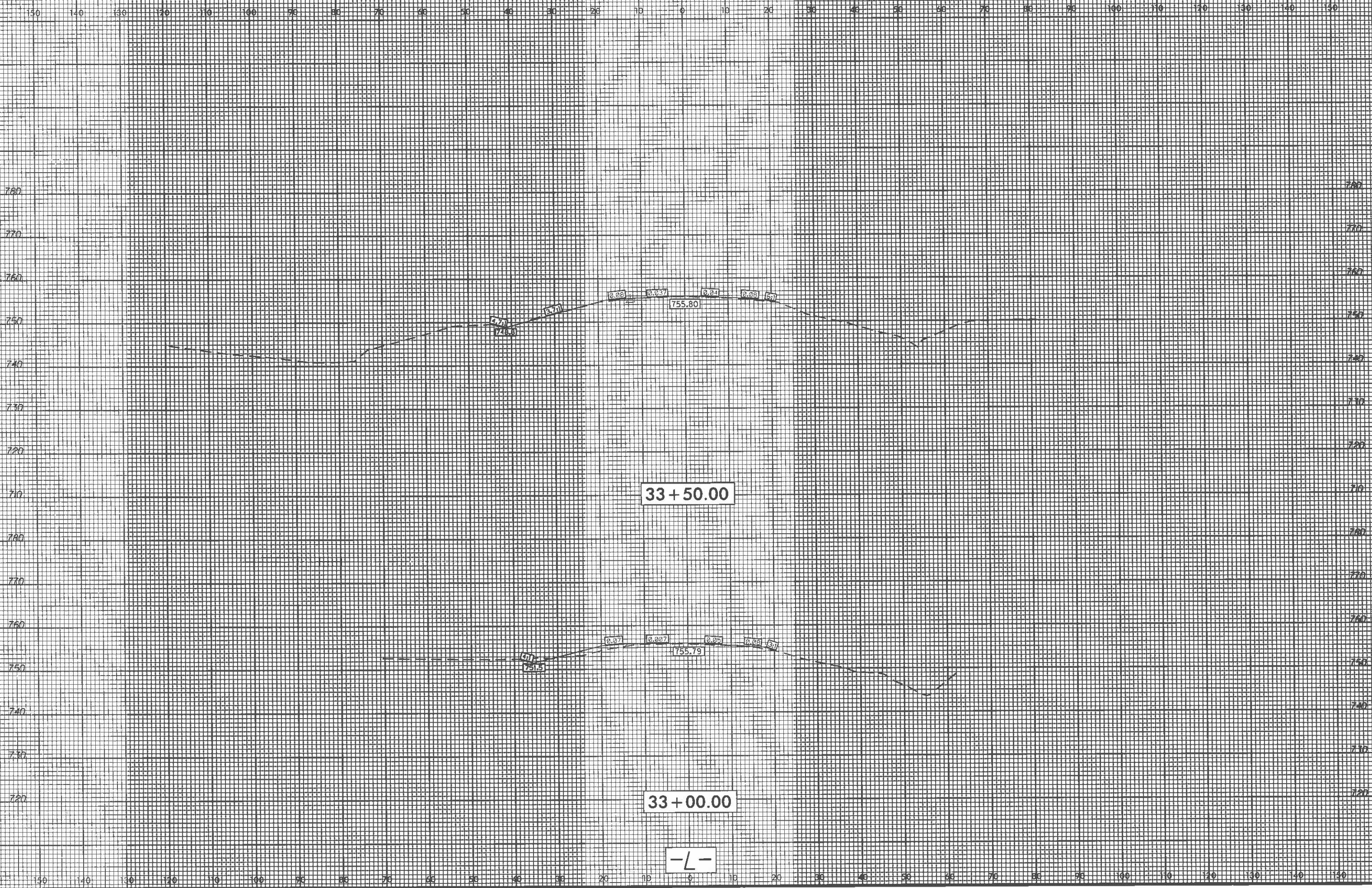
09 - JAN 2017 14:46
 SA:DWG:2006:NC:500:AD:58281
 Davidson Co W-5115.Rdy.vpl.L.dwg



8/22/99



PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-18



09-041-2012 14419
 S:\001\2006 AT 5115\DWG\01-28-01.dwg
 Davidson Co W-5115.Rdy.rpl.L.dwg
 Limorion

33 + 50.00

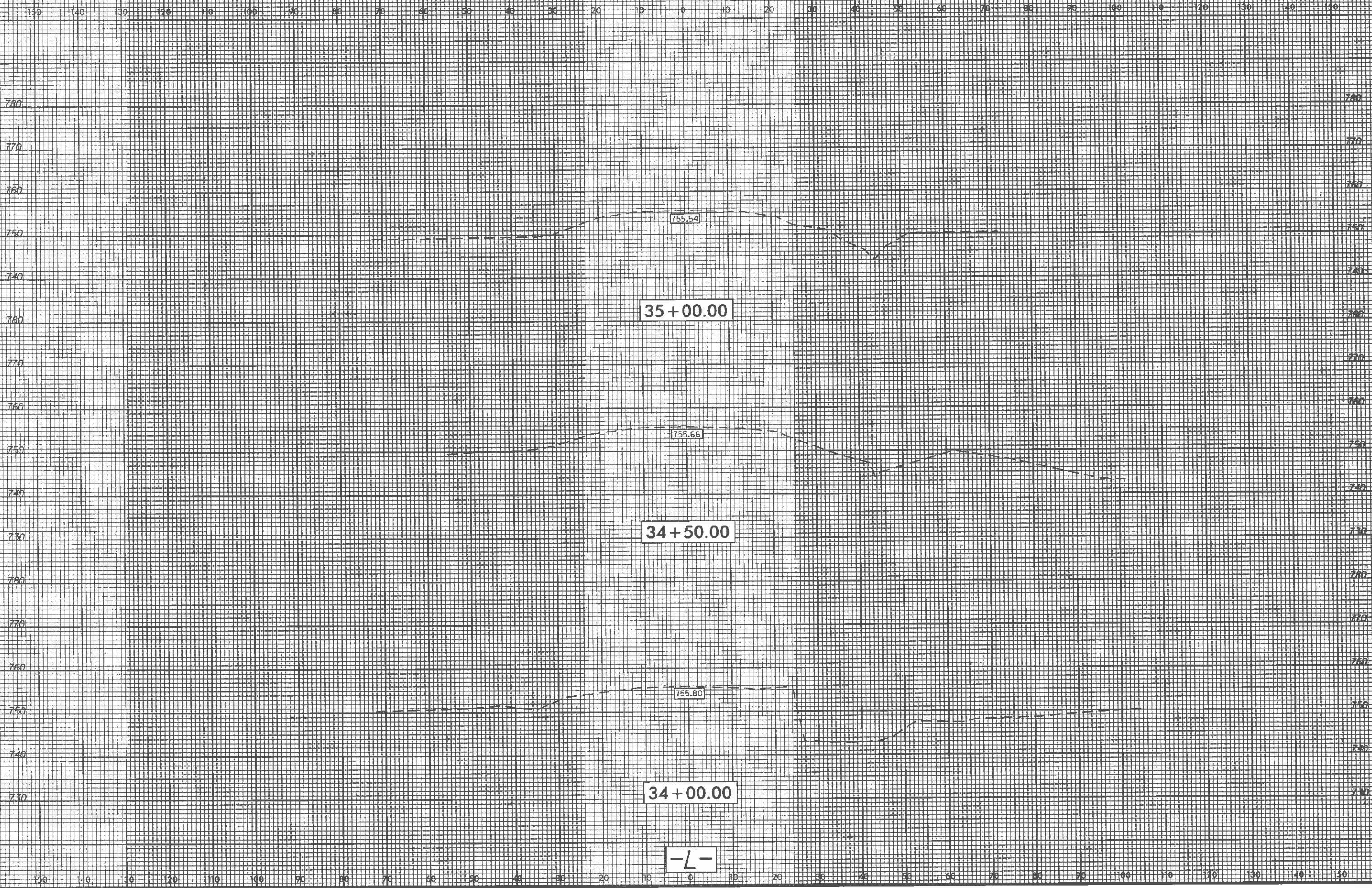
33 + 00.00

-L-

8/23/11

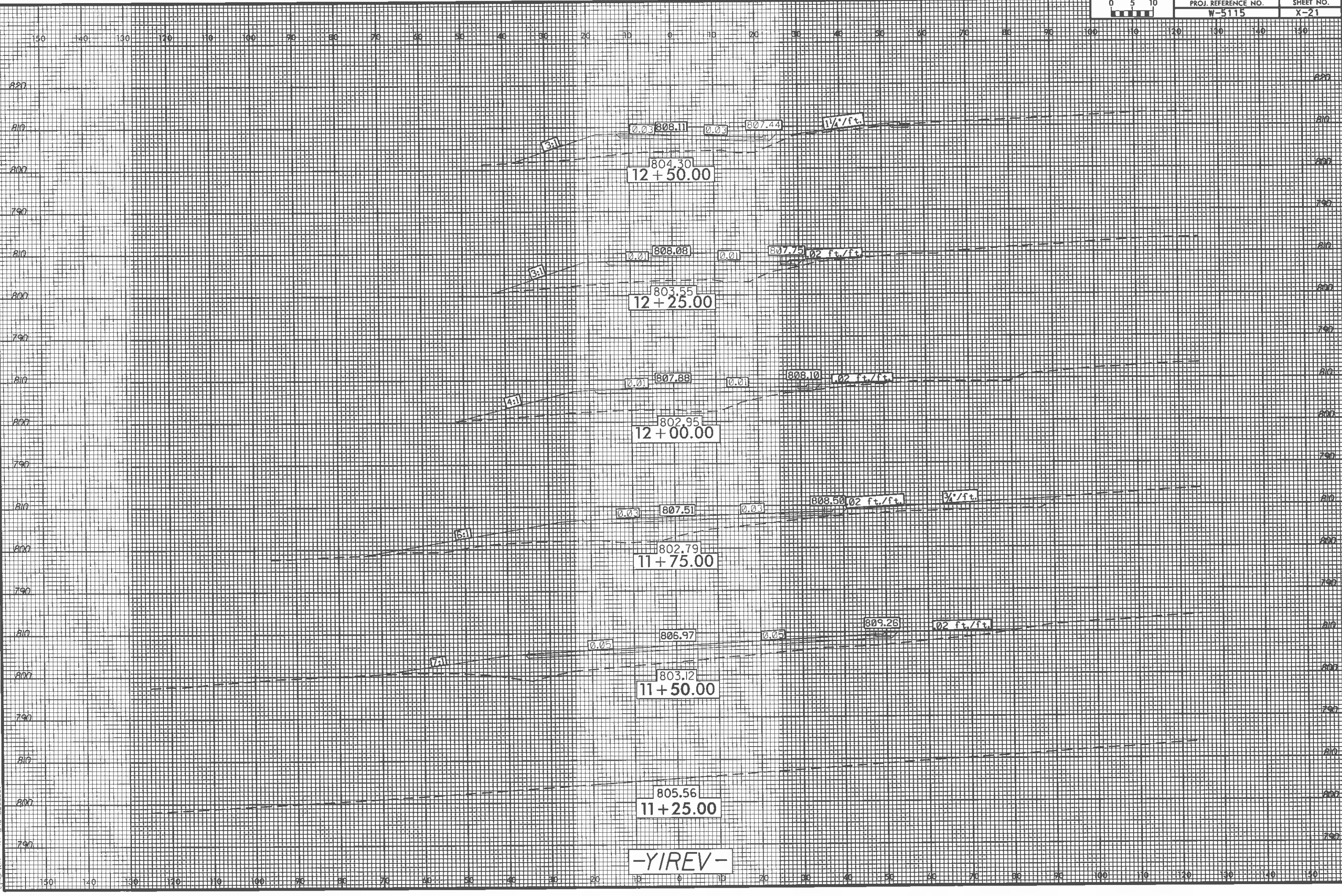


PROJ. REFERENCE NO.	SHEET NO.
W-5115	X-19



09-JAN-2012 14:50
 S:\001\2008 NC 150W\dep108 Davidsoo Co\W-5115_Rdy.sp.L.dgn
 L:\morion AT DISCAD258281

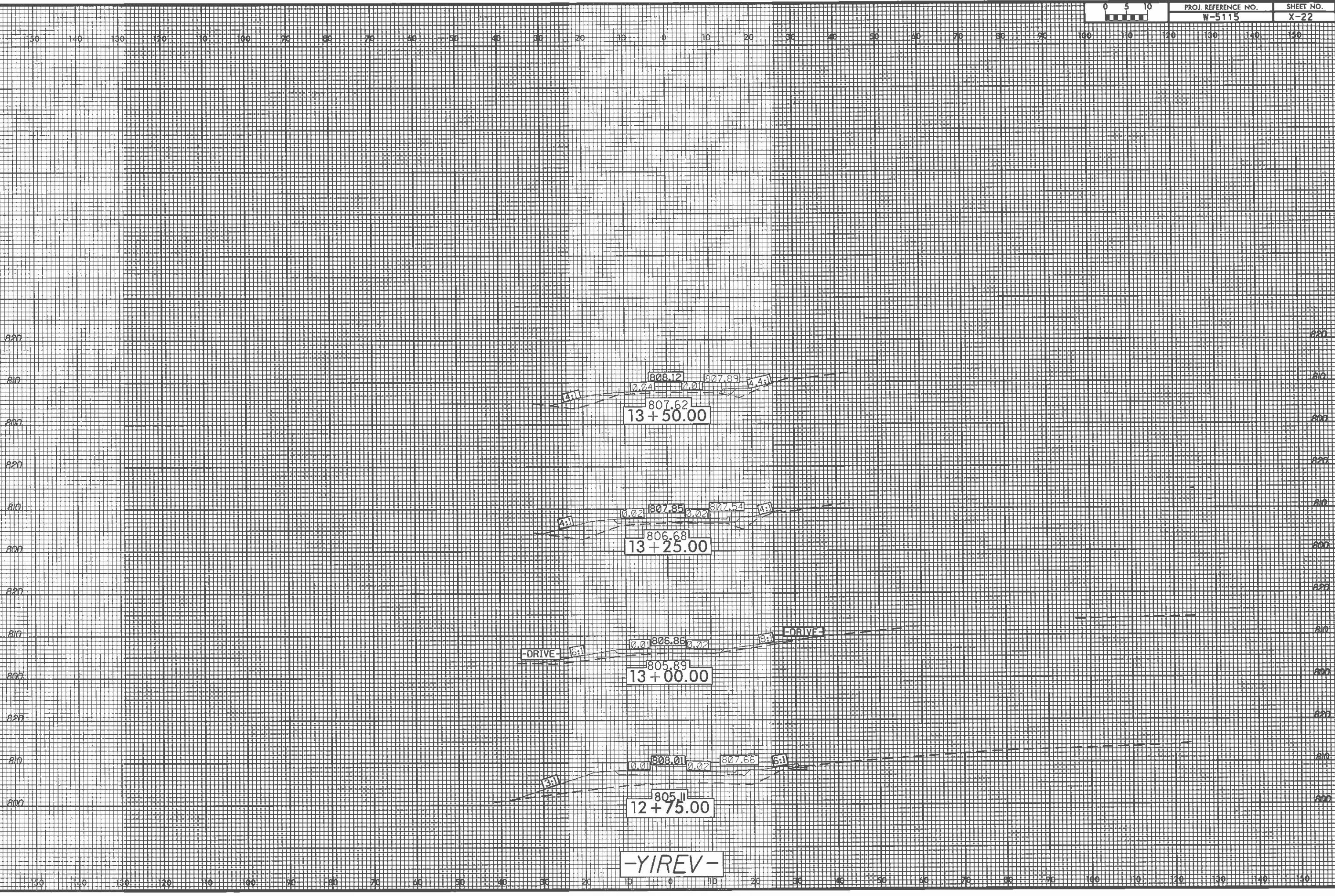
09-MAY-2012 14:21
 S:\01\2008 NC 150\150\150.dwg
 Davidson Co\W-5115_Rev.rpt_YIREV.dgn
 5/1/2012 10:53 AM
 150



-YIREV-



09-JAN-2012 14:22
5:\LOCAL\2009\N\500\1462323\Davidson Co\W-5115_Rdy.rpt_VIREV.dgn
t:\m\loc



807.62
13+50.00

806.68
13+25.00

805.89
13+00.00

805.11
12+75.00

-YIREV-

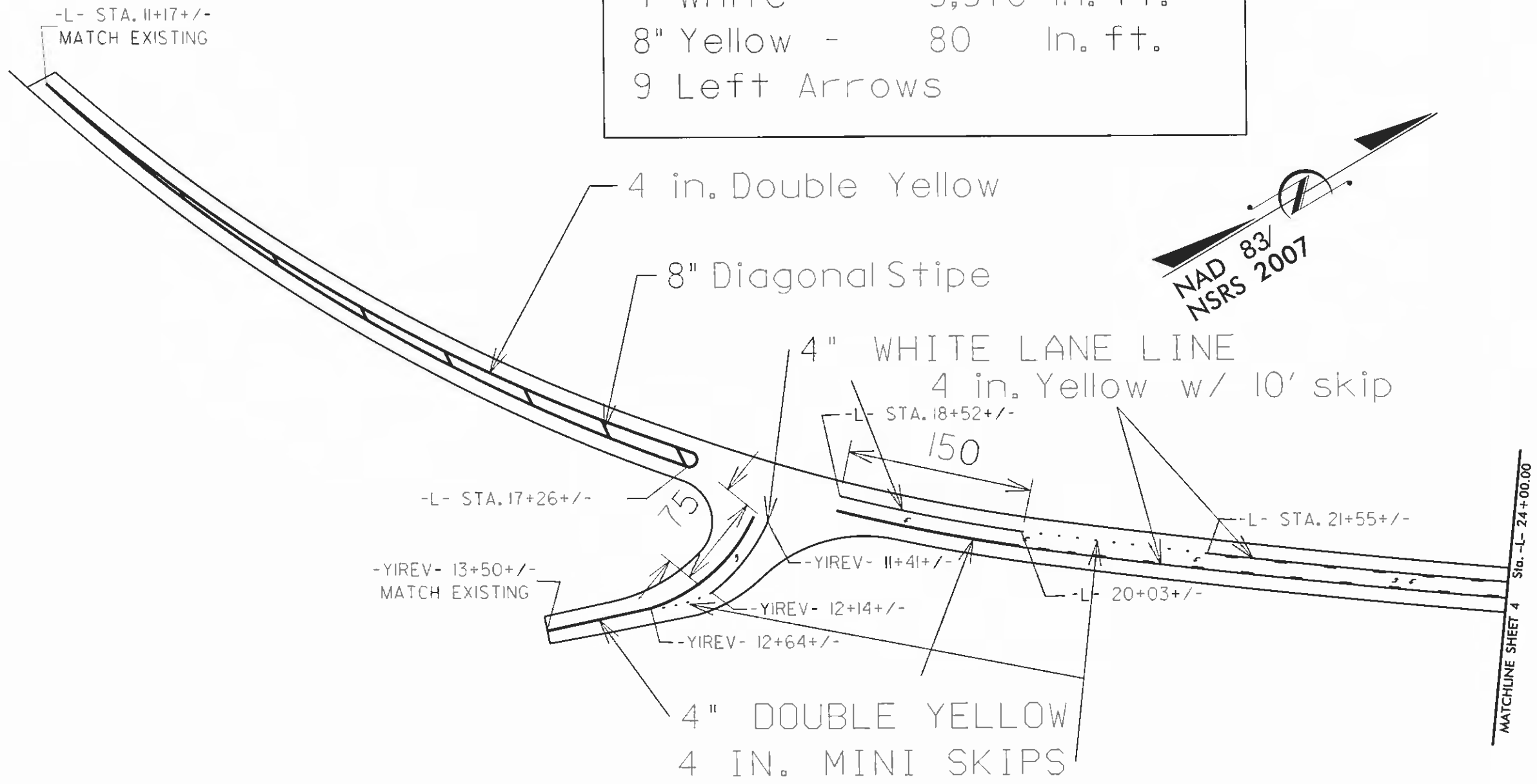
-DRIVE-

-DRIVE-

PROJECT REFERENCE NO	SHEET NO
W-5115	T-1
RAW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Pavement Marking Totals:

4" Yellow - 5,680 In. ft.
 4" White - 5,570 In. ft.
 8" Yellow - 80 In. ft.
 9 Left Arrows



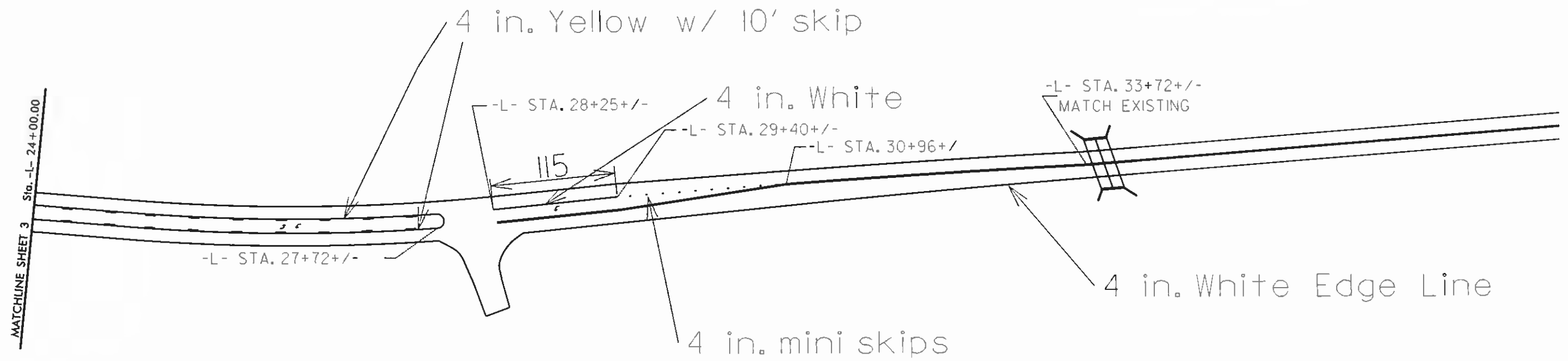
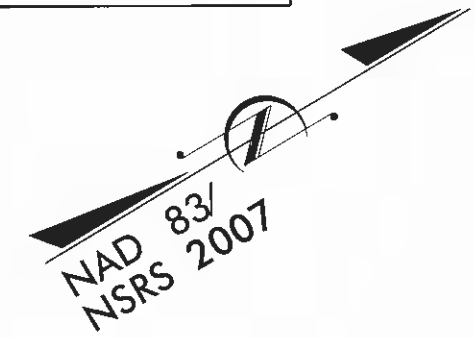
All Pavement Markings are Thermoplastic and should be installed per standard. Snowplowable markers installed per standard spacing.

REVISIONS
 09-JAN-2012 09:45 Davidon Co W-5115 Rdj.psh. 3_Pymt_markings.dgn
 6/16/10

PROJECT REFERENCE NO	SHEET NO
W-5115	T-2
RW SHEET NO	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

Pavement Marking Totals:

4" Yellow - 5,680 In. ft.
 4" White - 5,570 In. ft.
 8" Yellow - 80 In. ft.
 9 Left Arrows



All Pavement Markings are Thermoplastic and should be installed per standard. Snowplowable markers installed per standard spacing.

REVISIONS
 09-JAN-2012 09:45
 S:\06\2006\1015\update108\Davidson Co.W-5115 Rdj.psh.4_Pymt.markings.dgn
 6/16/10

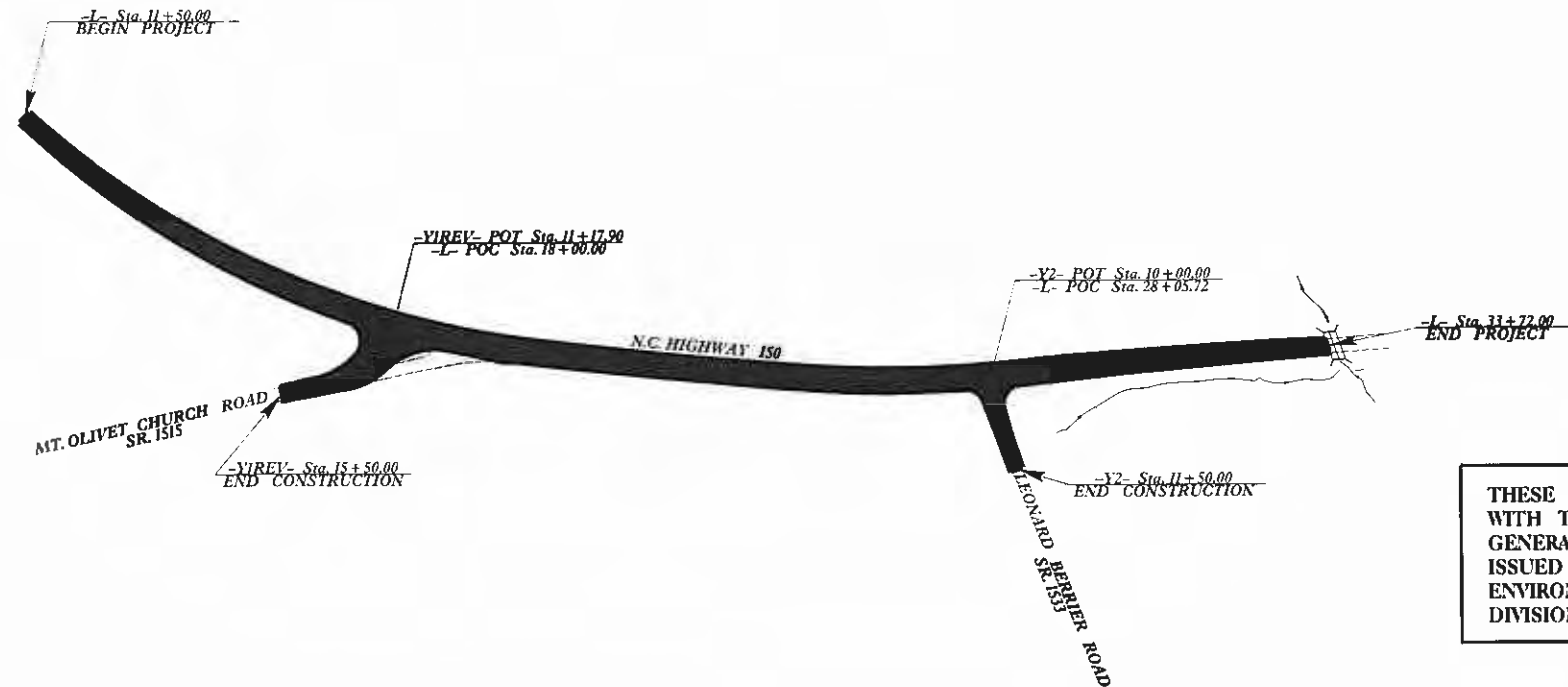
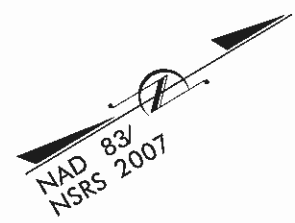
TIP PROJECT: W-5115

STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS
 PLAN FOR PROPOSED
 HIGHWAY EROSION CONTROL
DAVIDSON COUNTY

LOCATION: N.C. HIGHWAY 150 FROM SR. 1512 UNION GROVE ROAD
 TO NORTH OF SR. 1533 LEONARD BERRIER ROAD

TYPE OF WORK: GRADING, PAVING, WIDENING, AND REALIGNMENT

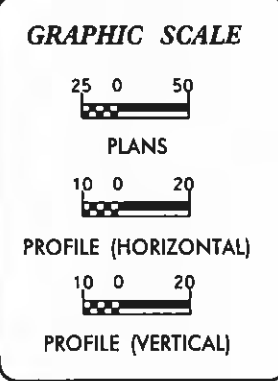
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5115	EC-1	3
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	



Sta. #	Description	Symbol
1630.03	Temporary Silt Ditch	---
1630.06	Temporary Diversion	---
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	---
1630.01	Riser Basin	⊙
	Silt Basin Type B	▨
1633.01	Temporary Rock Silt Check Type-A	▨
	Temporary Rock Silt Check Type-B	▨
	Wattle	---
1634.01	Temporary Rock Sediment Dam Type-A	▨
1634.02	Temporary Rock Sediment Dam Type-B	▨
1635.01	Rock Pipe Inlet Sediment Trap Type-A	⊙
1635.02	Rock Pipe Inlet Sediment Trap Type-B	⊙
1630.04	Stilling Basin	▭
1630.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Infiltration Basin	▭

THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011 ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER QUALITY.



ROADSIDE ENVIRONMENTAL UNIT
 DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA

Prepared in the Office of:
**NINTH DIVISION
 DESIGN/CONSTRUCT UNIT**
 375 SILAS CREEK PARKWAY
 WINSTON-SALAM, NC 27127
2006 STANDARD SPECIFICATIONS

Roadway Standard Drawings

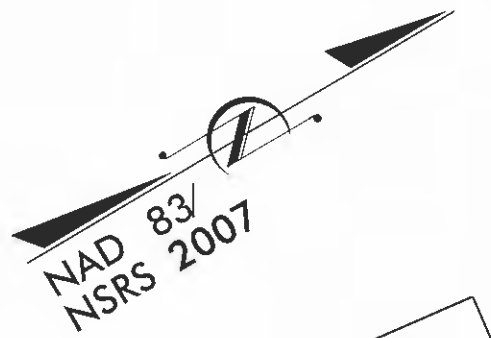
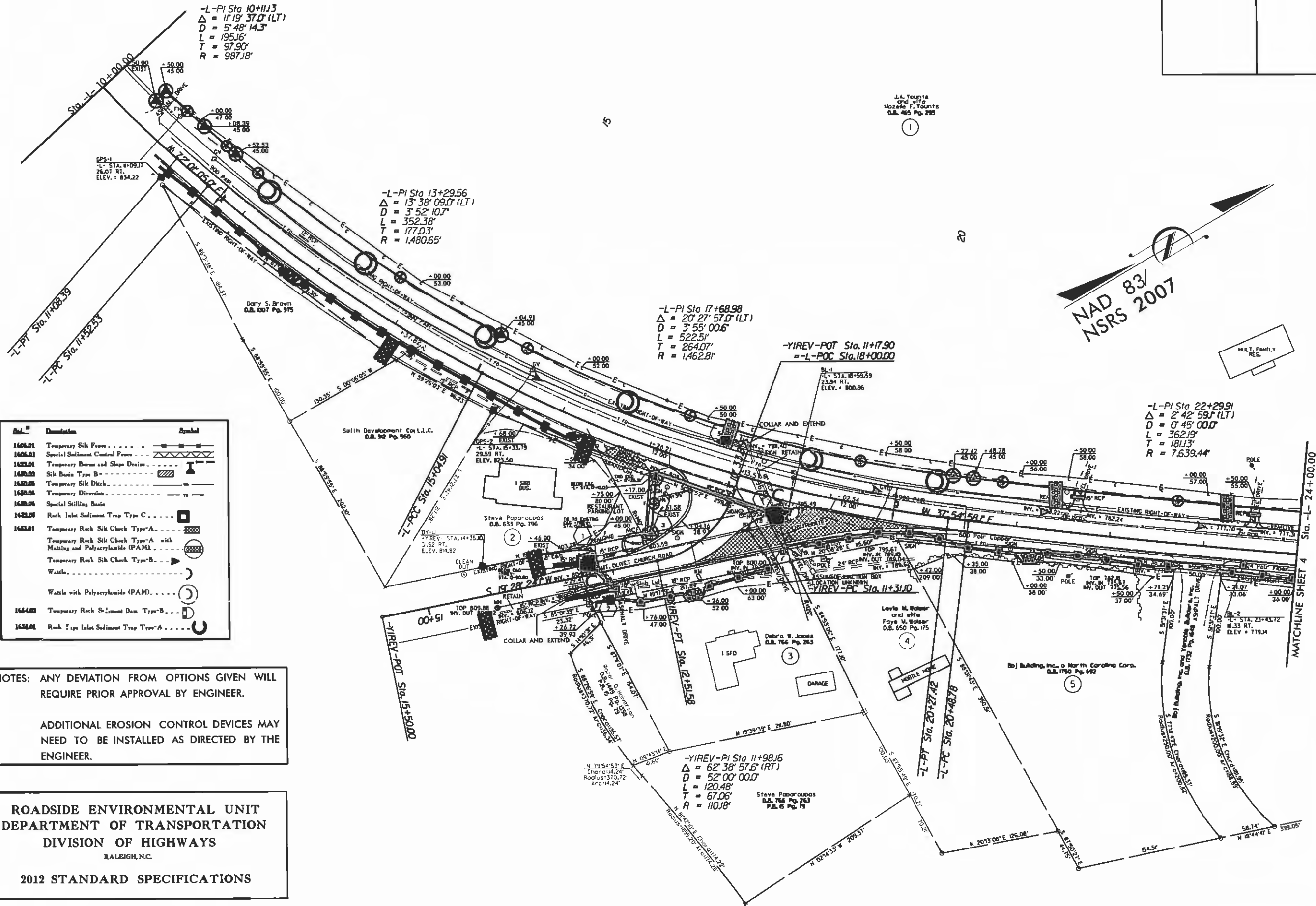
The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1605.01 Temporary Silt Fence	1630.06 Special Stilling Basin
1606.01 Special Sediment Control Fence	1632.01 Rock Inlet Sediment Trap Type A
1607.01 Gravel Construction Entrance	1632.02 Rock Inlet Sediment Trap Type B
1622.01 Temporary Berms and Slope Drains	1632.03 Rock Inlet Sediment Trap Type C
1630.01 Riser Basin	1633.01 Temporary Rock Silt Check Type A
1630.03 Temporary Silt Ditch	1634.01 Temporary Rock Sediment Dam Type A
1630.04 Stilling Basin	1634.02 Temporary Rock Sediment Dam Type B
1630.05 Temporary Diversion	1635.01 Rock Pipe Inlet Sediment Trap Type A
	1635.02 Rock Pipe Inlet Sediment Trap Type B

C:\66923\JAN2012\03122\EnvironControl\W-5115.EC-1.txd

EROSION CONTROL PLAN

PROJECT REFERENCE NO W-5115	SHEET NO EC-2
RAW SHEET NO	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



Item #	Description	Symbol
1606.01	Temporary Silt Fence	[Symbol]
1606.01	Special Sediment Control Fence	[Symbol]
1623.01	Temporary Barrow and Slope Drain	[Symbol]
1630.02	Silt Basin Type B	[Symbol]
1630.03	Temporary Silt Ditch	[Symbol]
1630.04	Temporary Diversion	[Symbol]
1630.05	Special Stilling Basin	[Symbol]
1630.06	Rock Inlet Sediment Trap Type C	[Symbol]
1651.01	Temporary Rock Silt Check Type-A	[Symbol]
1651.01	Temporary Rock Silt Check Type-A with Matting and Polycrylamide (PAM)	[Symbol]
1651.01	Temporary Rock Silt Check Type-B	[Symbol]
1651.01	Wattle	[Symbol]
1651.01	Wattle with Polycrylamide (PAM)	[Symbol]
1651.02	Temporary Rock Sediment Dam Type-B	[Symbol]
1651.01	Rock Type Inlet Sediment Trap Type-A	[Symbol]

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

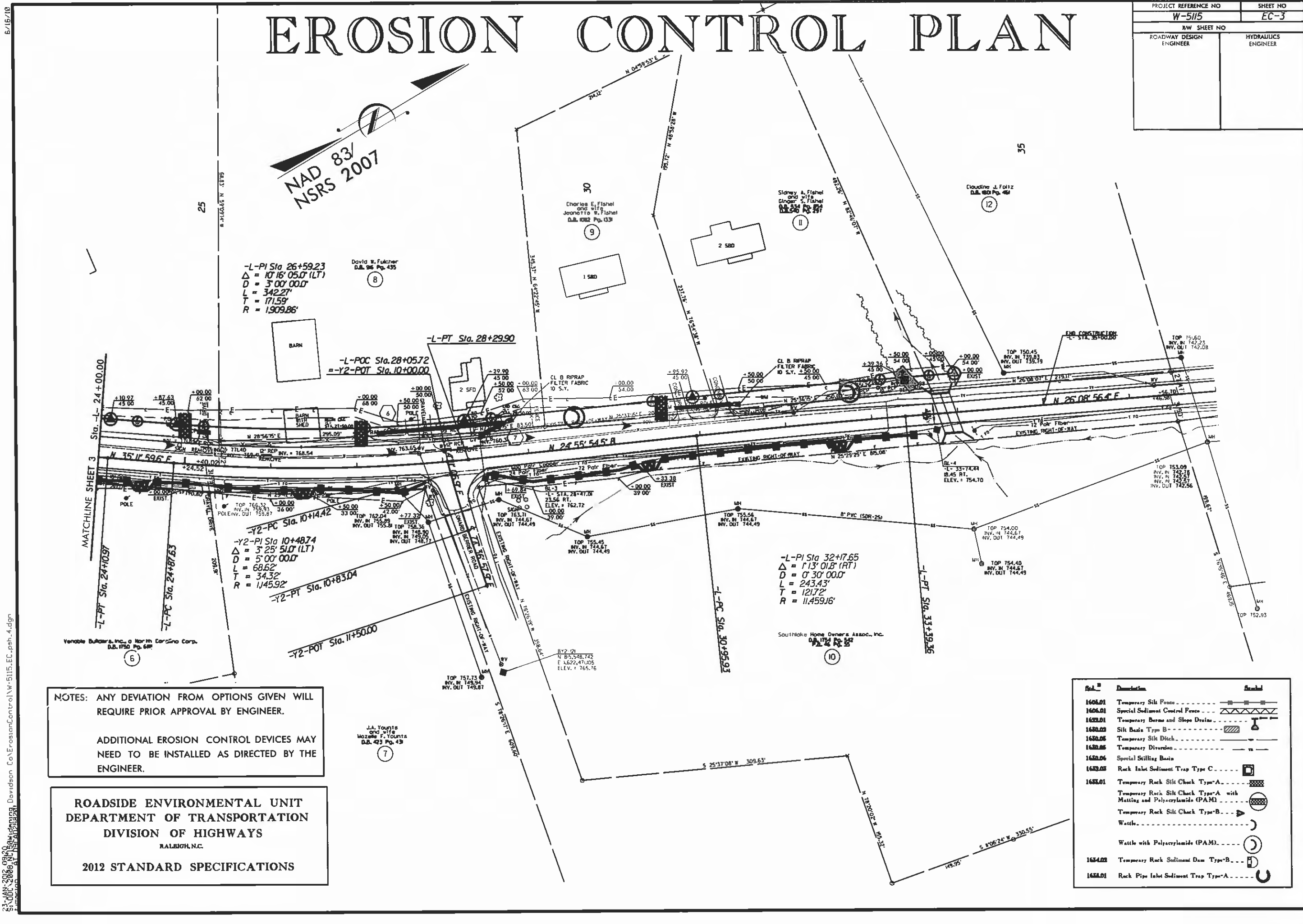
ROADSIDE ENVIRONMENTAL UNIT
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
 RALEIGH, N.C.

2012 STANDARD SPECIFICATIONS

5/16/10
 23-JAN-2012 09:17
 S:\DCC\2008_KC\Bidding\Davidson Co\ErosionControl\W-5115-EC_psh_3.dgn
 AT: davidson

EROSION CONTROL PLAN

PROJECT REFERENCE NO W-5115	SHEET NO EC-3
RAW SHEET NO	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



-L-PI Sta. 26+59.23
 $\Delta = 10' 16" 05.0" (LT)$
 $D = 3' 00' 00.0"$
 $L = 342.27'$
 $T = 171.59'$
 $R = 1909.86'$

-Y2-PI Sta. 10+48.74
 $\Delta = 3' 25' 51.0" (LT)$
 $D = 5' 00' 00.0"$
 $L = 68.62'$
 $T = 34.32'$
 $R = 145.92'$

-L-PI Sta. 32+17.65
 $\Delta = 1' 13' 01.8" (RT)$
 $D = 0' 30' 00.0"$
 $L = 243.43'$
 $T = 121.72'$
 $R = 11,459.16'$

NOTES: ANY DEVIATION FROM OPTIONS GIVEN WILL REQUIRE PRIOR APPROVAL BY ENGINEER.

ADDITIONAL EROSION CONTROL DEVICES MAY NEED TO BE INSTALLED AS DIRECTED BY THE ENGINEER.

ROADSIDE ENVIRONMENTAL UNIT
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

2012 STANDARD SPECIFICATIONS

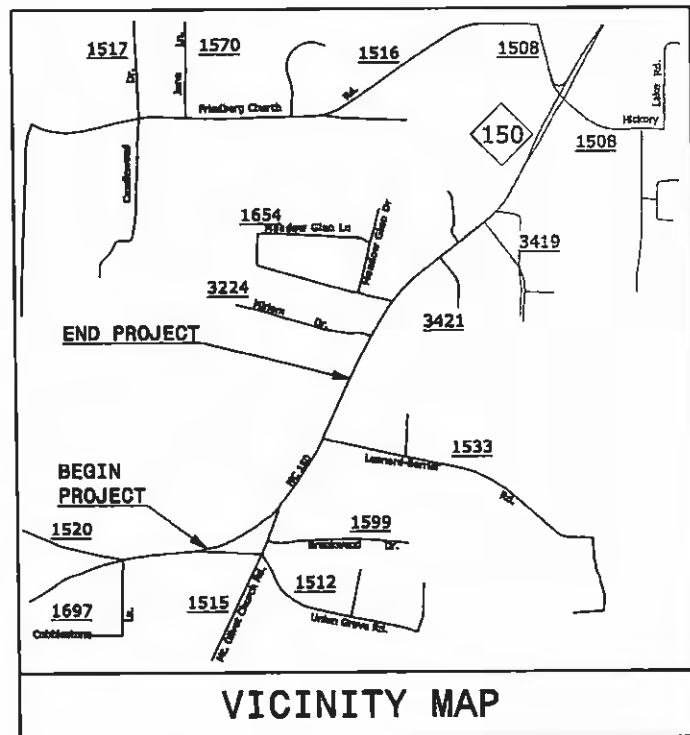
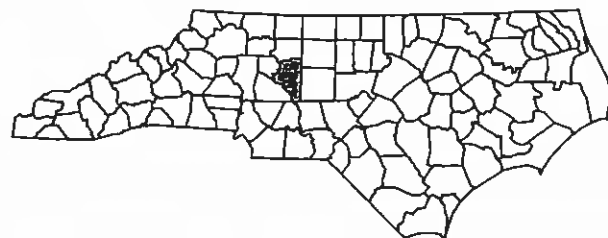
Std. #	Description	Symbol
1606.01	Temporary Silt Fence	---[Symbol]---
1606.01	Special Sediment Control Fence	---[Symbol]---
1602.01	Temporary Berms and Slope Drains	---[Symbol]---
1630.03	Silt Basin Type-B	---[Symbol]---
1630.05	Temporary Silt Ditch	---[Symbol]---
1630.06	Temporary Diversion	---[Symbol]---
1630.06	Special Stilling Basin	---[Symbol]---
1633.05	Rack Inlet Sediment Trap Type-C	---[Symbol]---
1633.01	Temporary Rack Silt Check Type-A	---[Symbol]---
	Temporary Rack Silt Check Type-A with Matting and Polyacrylamide (PAM)	---[Symbol]---
	Temporary Rack Silt Check Type-B	---[Symbol]---
	Wattle	---[Symbol]---
	Wattle with Polyacrylamide (PAM)	---[Symbol]---
1634.03	Temporary Rack Sediment Dam Type-B	---[Symbol]---
1634.01	Rack Pipe Inlet Sediment Trap Type-A	---[Symbol]---

6/16/10
 3-16M-2012-0920
 S:\dpc\2008\New\isp109 Davidon Co\ErosionControl\W-5115-EC_pah_4.dgn
 Plotted at 11:48:52 AM

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

DAVIDSON COUNTY



VICINITY MAP

SHEET NO.

TITLE

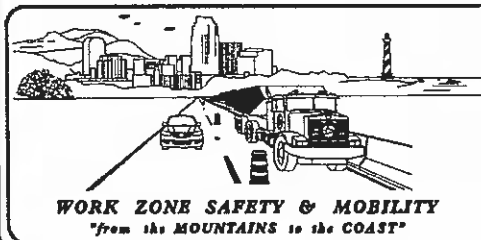
TMP-1	TITLE SHEET AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, AND TEMPORARY PAVEMENT MARKING
TMP-1B	TRANSPORTATION OPERATIONS PLAN: PROJECT NOTES
TMP-2	TEMPORARY TRAFFIC CONTROL PHASING
TMP-3 & TMP-4	TEMPORARY TRAFFIC CONTROL PHASE I DETAILS

SHEET NO.
TMP-1

W-5115

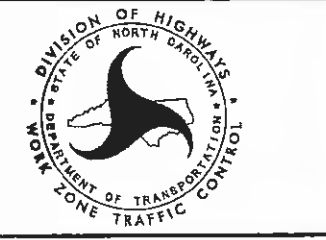
TIP PROJECT:

03-OCT-2011 10:41 \\DOT\DESR001\ON\GROUPS-WZTCCC\TMU\WZTC\Design\Group2\special\projects\DPOC\Projects\W-5115\TrafficControl\TCP\W-5115_TC_TMP_1.dgn off\faulkner AT 12:23:1500



N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 713-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER
J. ISHAK, P.E. TRAFFIC CONTROL PROJECT ENGINEER
P. M. WARD, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER
A. FAULKNER, E.I. TRAFFIC CONTROL DESIGN ENGINEER



APPROVED: *Michelle Ward*
DATE: 10/8/2011

SEAL

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES

03-OCT-2011 10:43
 \\D01\DESIGN\GROUPS-WZTCCC\TMU\WZTC\DesignGroup2\workspace\projects\DPOC Projects\W-5115\TrafficControl\TCP\W-5115_TC_TMP_1A.dgn
 of: fmknerl AT T237500

LEGEND

GENERAL

- DIRECTION OF TRAFFIC FLOW
- DIRECTION OF PEDESTRIAN TRAFFIC FLOW
- EXIST. PVMT.
- NORTH ARROW
- PROPOSED PVMT.



WORK AREA



REMOVAL



RESURFACING



USER DEFINED (IF NEEDED)

TRAFFIC CONTROL DEVICES

- BARRICADE (TYPE III)
- CONE
- DRUM SKINNY DRUM TUBULAR MARKER
- TEMPORARY CRASH CUSHION
- FLASHING ARROW PANEL (TYPE C)
- FLAGGER
- LAW ENFORCEMENT
- TRUCK MOUNTED IMPACT ATTENUATOR (TMIA)
- CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

PAVEMENT MARKERS

- CRYSTAL/CRYSTAL
- CRYSTAL/RED
- YELLOW/YELLOW

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING

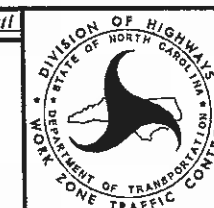
SYMBOL	DESCRIPTION	PAY ITEM
<u>PAVEMENT MARKING LINES</u>		
PA	WHITE EDGELINE	PAINT (4")
PD	2 FT WHITE MINISKIP	
PE	WHITE SOLID LANE LINE	
PI	YELLOW DOUBLE CENTER LINE	

PAVEMENT MARKING SYMBOLS

QA	LEFT TURN ARROW	PAINT SYMBOL
----	-----------------	--------------

NOTE: FOR EACH PAVEMENT MARKING ITEM, REFER TO GENERAL NOTE (W) FOR NUMBER OF APPLICATIONS.

APPROVED: *Michelle Ward* DATE: 10-3-11



ROADWAY STANDARD
DRAWINGS & LEGEND

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRABLE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANES AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
(-L-) NC 150	MONDAY - FRIDAY: 6:00 AM TO 9:00 AM 4:00 PM TO 8:00 PM

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME
(-L-) NC 150
(-Y2-) LEONARD BERRIER ROAD

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR'S, BETWEEN THE HOURS OF 6:00 A.M. DECEMBER 31st TO 6:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 6:00 P.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 6:00 A.M. THURSDAY AND 6:00 P.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

C) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVELWAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.
- DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.
- DO NOT INSTALL MORE THAN 1 MILE OF LANE CLOSURE ON NC 150 MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON NC 150.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

- DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 350 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

- NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 350 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

- WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADIUS, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.
- PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES (DRUMS OR SKINNY DRUMS) PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

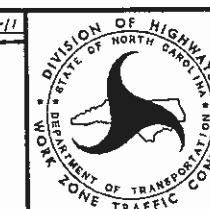
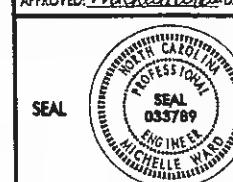
PAVEMENT MARKINGS AND MARKERS

- INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
NC 150	PAINT	NONE

- PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

APPROVED: *Michelle Ward* DATE: 10-8-11



**TRANSPORTATION
OPERATIONS
PLAN**

03-OCT-2011 10:43 AM \\001\OF-SR001\01\GROUPS-WZTCCC-TMUN\WZTC\DesignGroup2\special\projects\UPOC Projects\W-5115\Traffic\TrafficControl\TCP\W-5115-TMP-1B.dgn atfauknerl AT 12:37:50

PHASING

NOTES:
 MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

RESTORE TRAFFIC TO THE EXISTING TRAFFIC PATTERN AT THE END OF THE WORK PERIOD, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

COMPLETE PROPOSED CONSTRUCTION IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.

PHASE I

STEP 1:
 USING RSD 1101.01, SHEET 3 OF 3, INSTALL WORK ZONE ADVANCE WARNING SIGNS.

STEP 2:
 USING RSD 1101.02, SHEET 1 OF 15, AS NECESSARY, BEGIN CONSTRUCTION OF -L- FROM STA. 11+50 +/- TO STA. 37+72 +/-, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. (SHEETS TMP-3 & TMP-4)

NOTE: MAINTAIN DRIVEWAY ON NC 150 (APPROXIMATELY -L- STA. 18+75 +/- RT) UNTIL -Y1REV- IS OPEN TO TRAFFIC IN PHASE I, STEP 3.

STEP 3:
 COMPLETE THE FOLLOWING SEQUENCE OF ACTIVITIES:

- A) USING RSD 1101.03, SHEETS 1 & 2 OF 9 AND SHEET TMP-3, INSTALL DETOUR SIGNS. PLACE TYPE III BARRICADES TO CLOSE SR 1515 (MT. OLIVET CHURCH RD) TO THROUGH TRAFFIC, AND PLACE TRAFFIC ON THE OFFSITE DETOUR.
- B) AWAY FROM TRAFFIC, CONSTRUCT -Y1REV-, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- C) INSTALL TEMPORARY MARKINGS ON -Y1REV- ACCORDING TO THE FINAL PAVEMENT MARKING PLAN AND OPEN -Y1REV- TO TRAFFIC.
- D) REMOVE BARRICADES AND OFFSITE DETOUR SIGNING FOR SR 1515 (MT. OLIVET CHURCH RD).

NOTE: MAINTAIN DRIVEWAY ON NC 150 (APPROXIMATELY -L- STA. 18+75 +/- RT) UNTIL -Y1REV- IS OPEN TO TRAFFIC IN PHASE I, STEP 3.

STEP 4:
 USING RSD 1101.02, SHEET 1 OF 15, AS NECESSARY, COMPLETE CONSTRUCTION OF -L- FROM STA. 11+50 +/- TO STA. 37+72 +/-, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. (SHEETS TMP-3 & TMP-4)

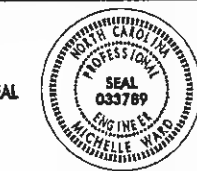
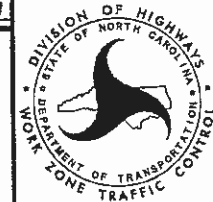
STEP 5:
 USING RSD 1101.02, SHEETS 1 OR 11 OF 15, PLACE THE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS AND MARKERS ON THE FOLLOWING:

-L-
 -Y1REV-
 -Y2-

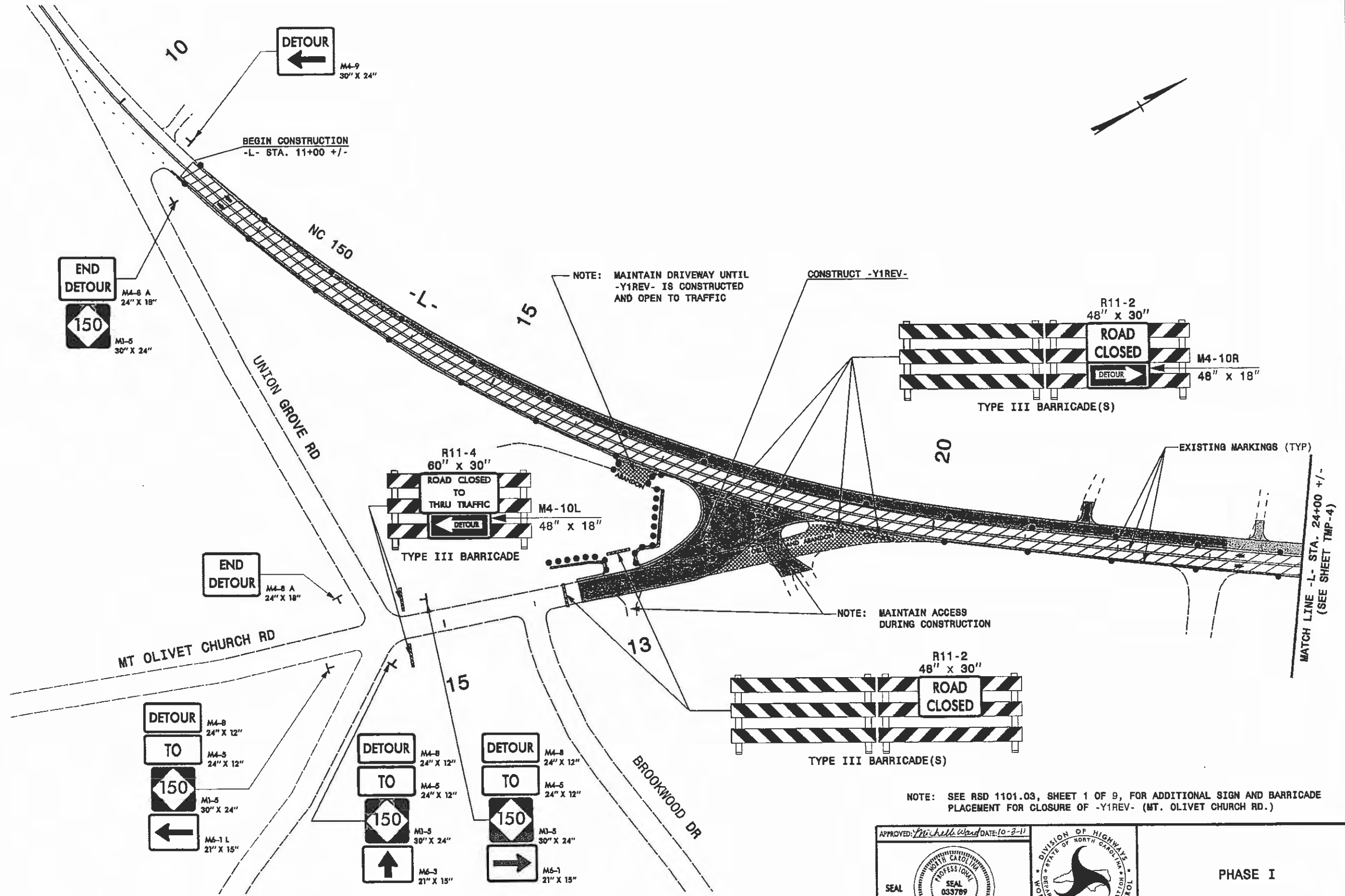
PLACE ALL TRAFFIC IN THE FINAL PATTERN.

STEP 8:
 REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES.

03-OCT-2011 10:46
 \\DOT\OFFSHOOTING\GROUPS-WZTCC\TMU\WZTC\DesignGroup2\Special\Projects\DPCC Projects\W-5115\Traffic\TrafficControl\TCE\W-5115.TC.TMP-2.dgn
 attached AT TE237500

APPROVED: <i>Michelle Ward</i> DATE: 10-3-11 		PHASING
---	---	---------

03-OCT-2010 10:47
 \\DOT\DFSROOT\GROUPS-WZTCC\TMU\WZTC\Design\group2\special\projects\DP0C\Projects\W-5115\TrafficControl\TCP\W-5115.TC.TMP_3.dgn
 atfaukner AT 1E237560

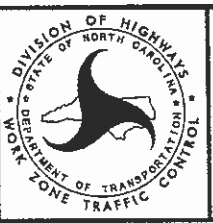


NOTE: SEE RSD 1101.03, SHEET 1 OF 9, FOR ADDITIONAL SIGN AND BARRICADE PLACEMENT FOR CLOSURE OF -Y1REV- (MT. OLIVET CHURCH RD.)

APPROVED: *Michelle Wood* DATE: 10-3-11

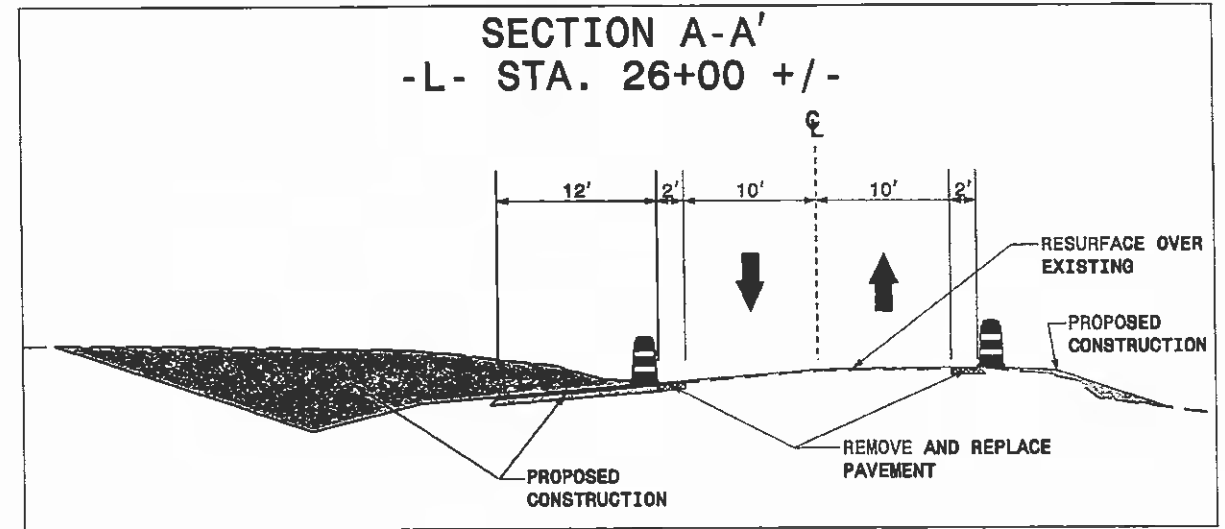
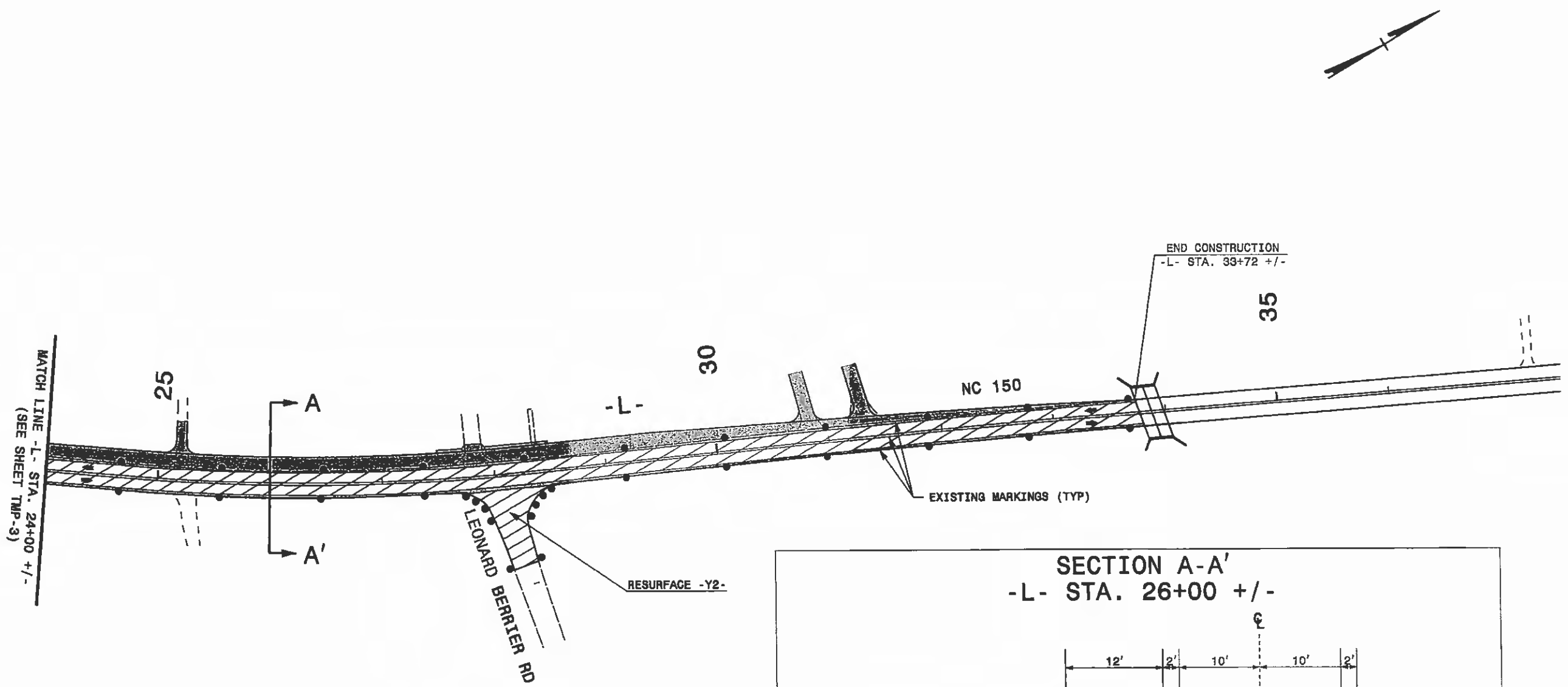
SEAL

PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA
 EXPIRES 12/31/11
 MICHELLE WOOD
 033769

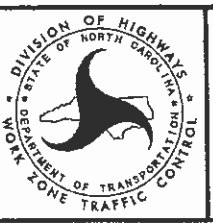


PHASE I

03-OCT-2011 10:48
 \\dot\dfsroot\groups\wztc\TMU\WZTC\DesignGroup2\special projects\0900 Projects\W-5115\Traffic\TrafficControl\TCP\W-5115.TC.TMP-4.dgn
 at\faulkner AT TE237500



APPROVED: *Nickolas* DATE: 10-2-11



PHASE I