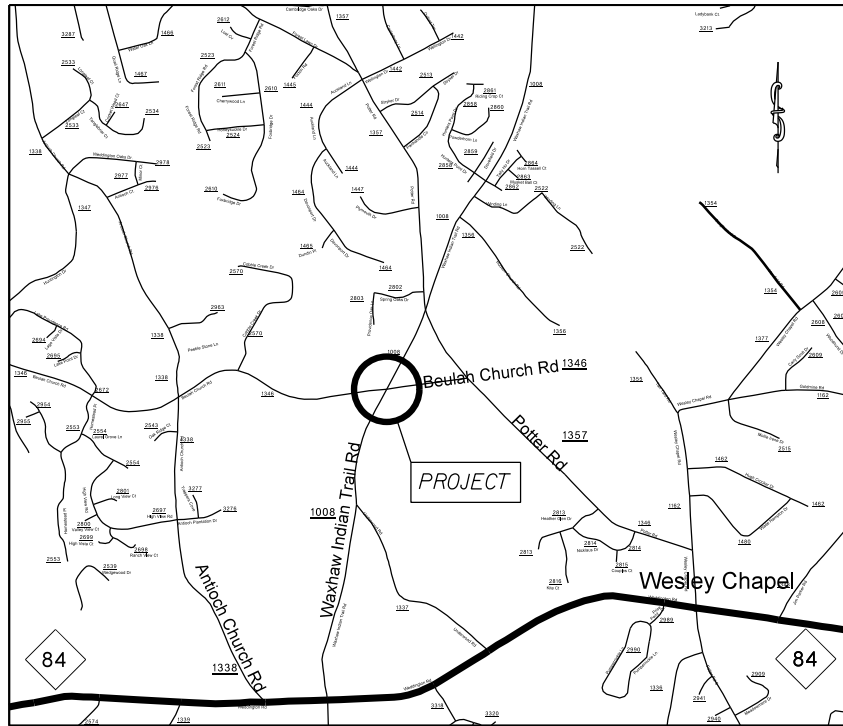


PROJECT: 50138.3.61 TIP:W-5601BH

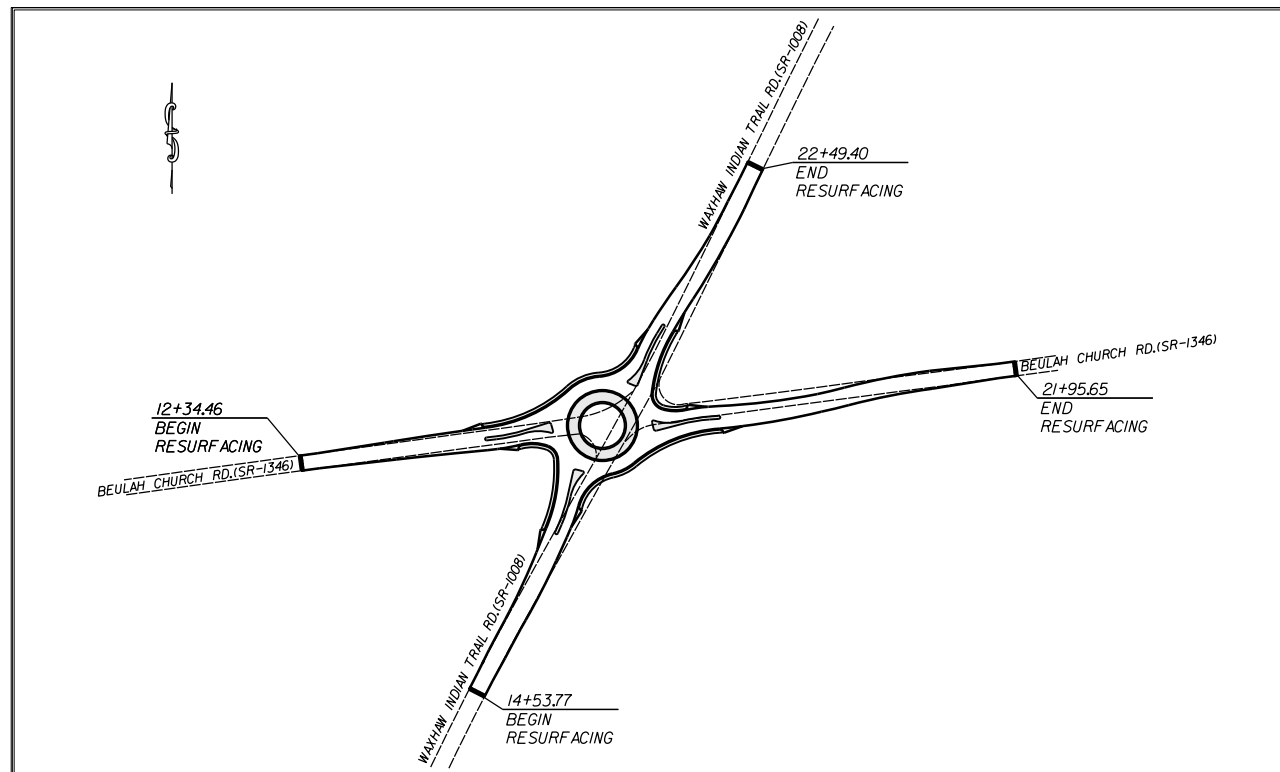


VICINITY MAP NOT TO SCALE

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
UNION COUNTY

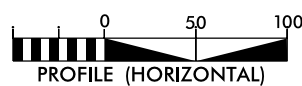
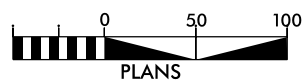
LOCATION: INTERSECTION OF BEULAH CHURCH RD. (SR-1346) AND WAXHAW INDIAN TRAIL RD. (SR-1008)

TYPE OF WORK: GRADING, PAVEMENT REMOVAL, PAVING, COCRETE ISLANDS & THERMOPLASTIC PAVEMENT MARKINGS.



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
50138.1.61	HSIP-1008(24)	P.E.	
50138.2.61	HSIP-1008(24)	RW	
50138.3.61	HSIP-1008(24)	CONST.	

GRAPHIC SCALES



DESIGN DATA

ADT =
ADT =
DHV = %
D = %
T = %
V = MPH

PROJECT LENGTH

LENGTH OF ROADWAY PROJECT 50138.3.61 = 0.33 MILES
TOTAL LENGTH OF STATE PROJECT 50138.3.61 = 0.33 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
DIVISION TEN
DIVISION DESIGN / CONSTRUCT UNIT

RIGHT OF WAY DATE:

LETTING DATE:
May 17, 2017

RANDY BOWERS
PROJECT ENGINEER

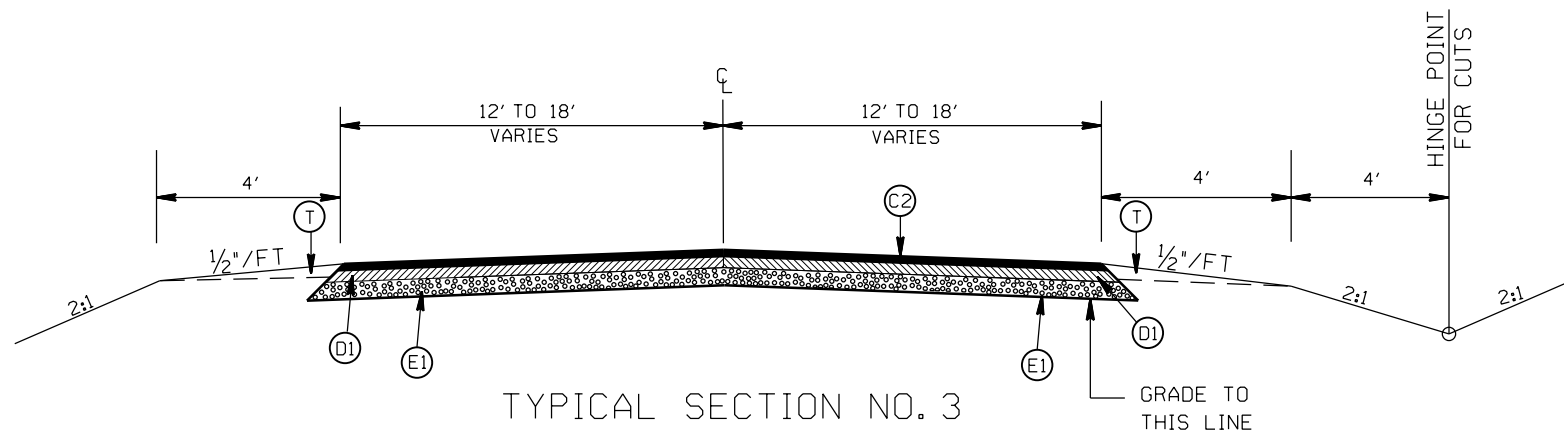
DONALD HARWARD
PROJECT DESIGN ENGINEER



DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

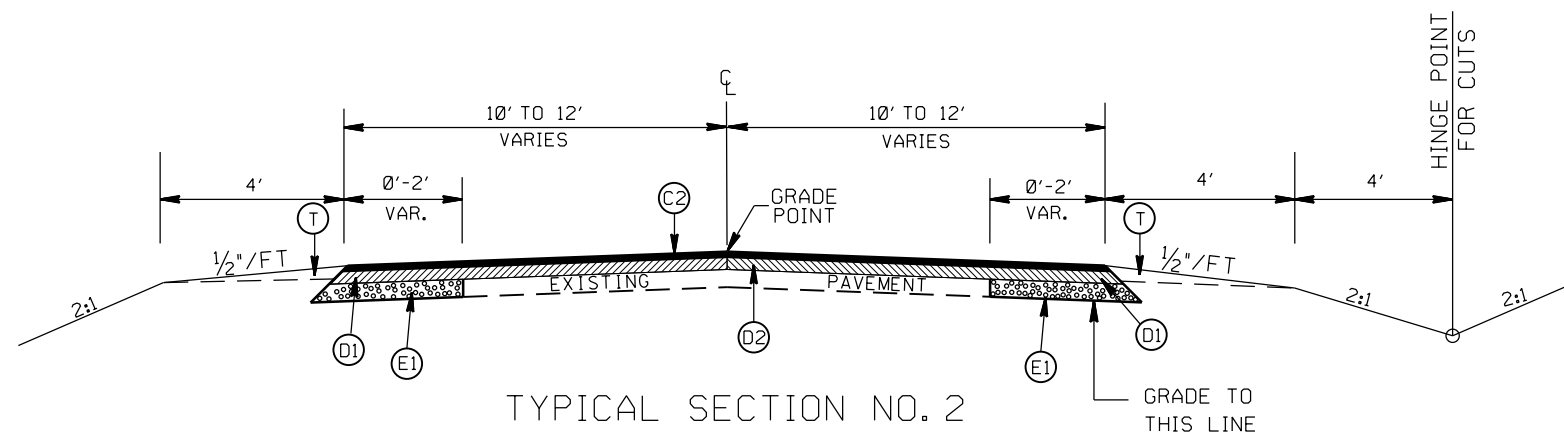
DocuSigned by:
Donall Griffith 3/24/2017
APPROVED BY: 21843E... DATE

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	2	
F.A. PROJECT NO.			



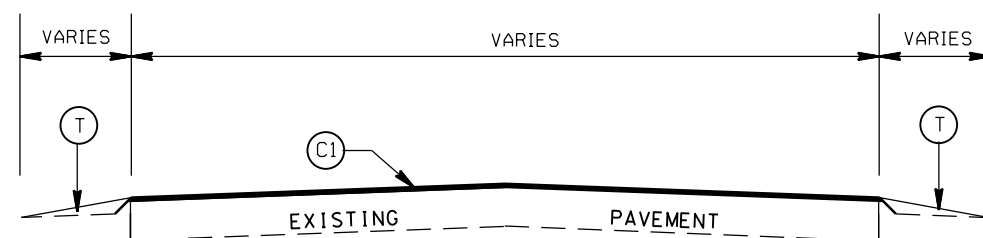
TYPICAL SECTION NO. 3

STA. 13+49 TO 14+82.46 -L-
 STA. 17+96.29 TO 20+80 -L-
 STA. 15+57 TO 16+90.40 -Y-
 STA. 20+04.24 TO 21+00 -Y-



TYPICAL SECTION NO. 2

STA. 12+59.46 TO 13+49 -L-
 STA. 20+80 TO 21+70.65 -L-
 STA. 14+78.77 TO 15+57 -Y-
 STA. 21+00 TO 22+24.40 -Y-



TYPICAL SECTION NO. 1

STA. 12+34.46 TO 12+59.46 -L-
 STA. 21+70.65 TO 21+95.65 -L-
 STA. 14+53.77 TO 14+78.77 -Y-
 STA. 22+24.40 TO 22+49.40 -Y-

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1 1/2" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 3" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
(D1)	PROP. APPROX. 4" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(D2)	PROP. VARIABLE DEPTH ASPHALT CONC. INTERMEDIATE COURSE.
(E1)	PROP. APPROX. 4.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(R1)	PROP. 2'-6" CURB & GUTTER
(R2)	PROP. 1'-6" CURB & GUTTER, CLASS AA CONCRETE
(R3)	PROP. 7" TRUCK MOUNTABLE CONC ISLAND, CLASS AA CONCRETE
(R4)	PROP. 5" MONOLITHIC ISLAND (SURFACE MOUNTED)
(R5)	PROP. 1'-6" CURB & GUTTER W/ BLACK TINT, CLASS AA CONCRETE
(R6)	PROP. 7" TRUCK MOUNTABLE CONC ISLAND W/ BLACK TINT, CLASS AA CONCRETE
(T)	EARTH MATERIAL
(J)	PROP. 4" AGGREGATE.

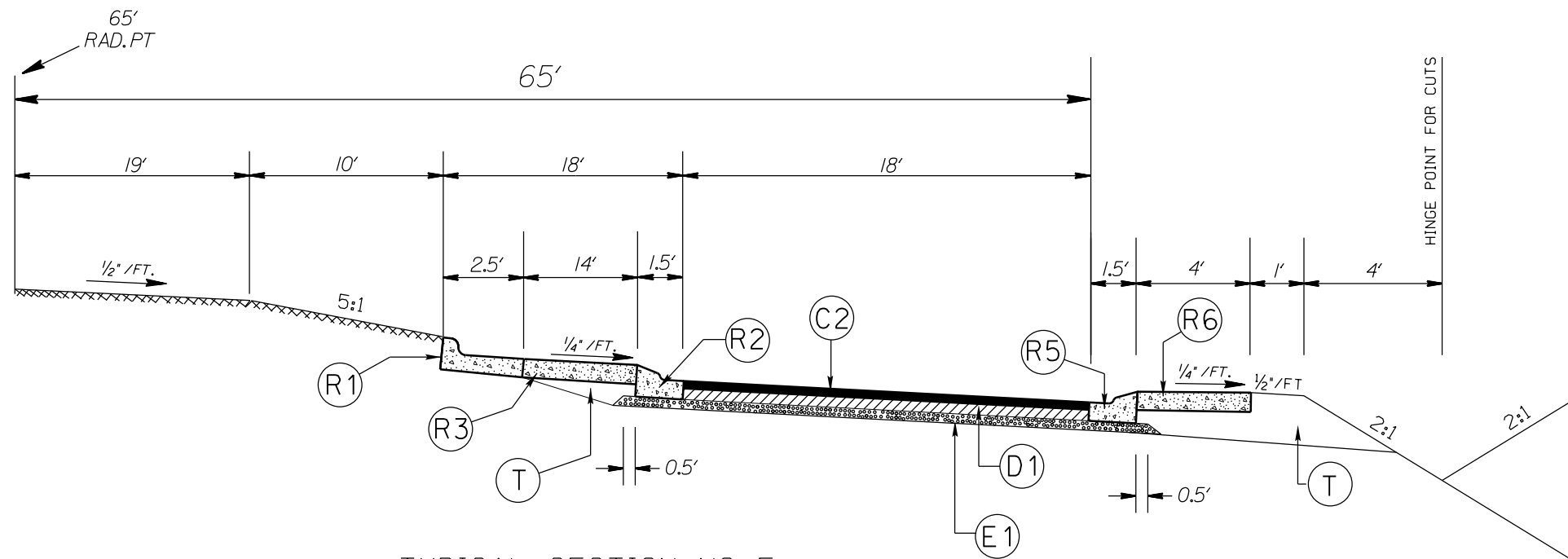
ROUNDABOUT AT
 WAXHAW INDAIN TRAIL RD.(SR-1008)
 AND BEULAH CHURCH RD.(SR-1346)

SCALE	r=50'
DATE	12-2015
DWG. BY	JDH
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

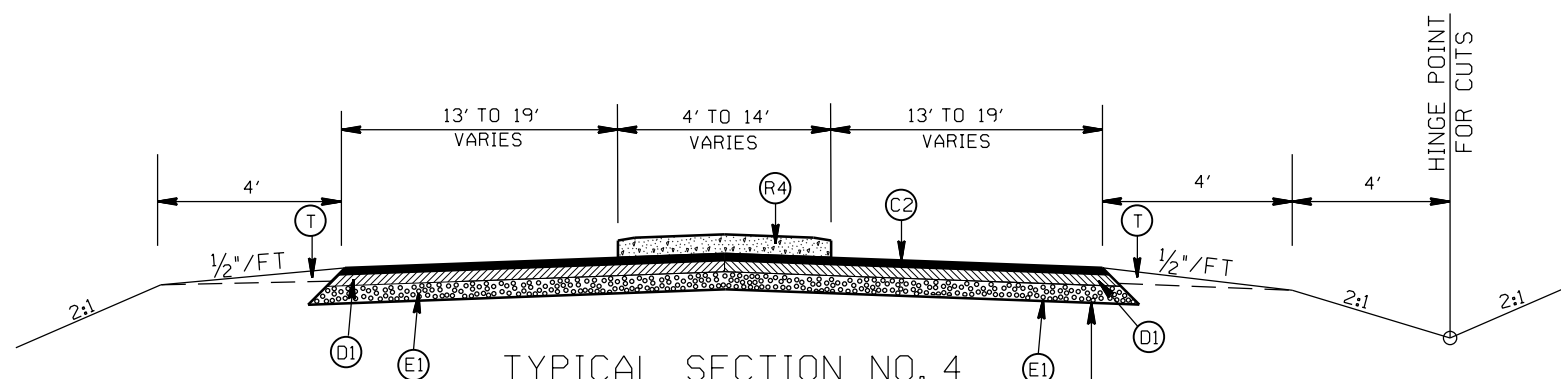
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	2A	
F.A. PROJECT NO.			



TYPICAL SECTION NO. 5
ROUNDBOUT

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1½" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 3" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
(D1)	PROP. APPROX. 4" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(D2)	PROP. VARIABLE DEPTH ASPHALT CONC. INTERMEDIATE COURSE.
(E1)	PROP. APPROX. 4.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(R1)	PROP. 2'-6" CURB & GUTTER
(R2)	PROP. 1'-6" CURB & GUTTER, CLASS AA CONCRETE
(R3)	PROP. 7" TRUCK MOUNTABLE CONC ISLAND, CLASS AA CONCRETE
(R4)	PROP. 5" MONOLITHIC ISLAND (SURFACE MOUNTED)
(R5)	PROP. 1'-6" CURB & GUTTER W/ BLACK TINT, CLASS AA CONCRETE
(R6)	PROP. 7" TRUCK MOUNTABLE CONC ISLAND W/ BLACK TINT, CLASS AA CONCRETE
(T)	EARTH MATERIAL
(J)	PROP. 4" AGGREGATE.



TYPICAL SECTION NO. 4
STA. 14+82.46 TO 15+74.37 -L-
STA. 17+04.37 TO 17+96.29 -L-
STA. 16+90.40 TO 17+82.32 -Y-
STA. 19+12.32 TO 20+04.24 -Y-

GRADE TO THIS LINE

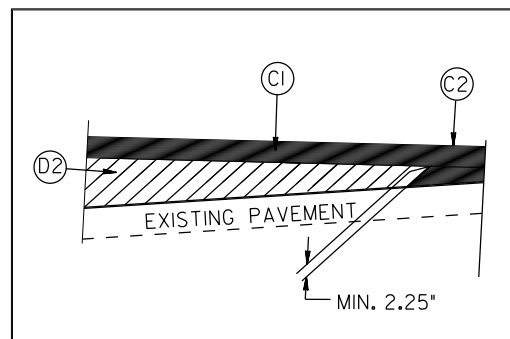
ROUNDBOUT AT
WAXHAW INDAIN TRAIL RD.(SR-1008)
AND BEULAH CHURCH RD.(SR-1346)

SCALE	r=50'
DATE	12-2015
DWG. BY	JDH
DESIGN BY	JDH
APPROVED	RWB

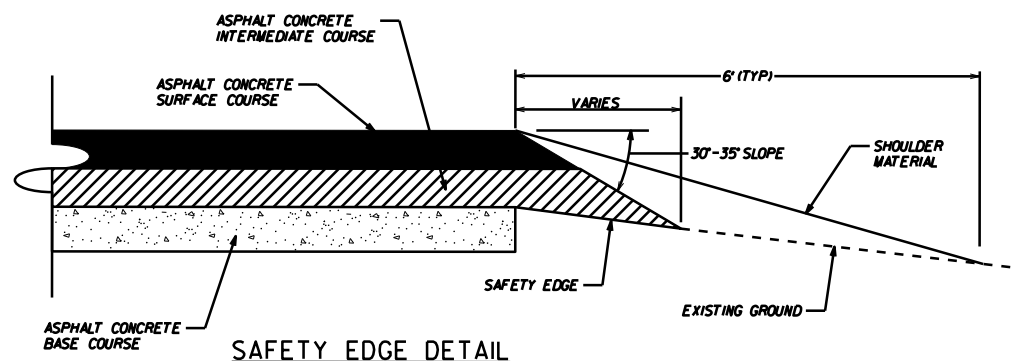


REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	2B	
F.A. PROJECT NO.			



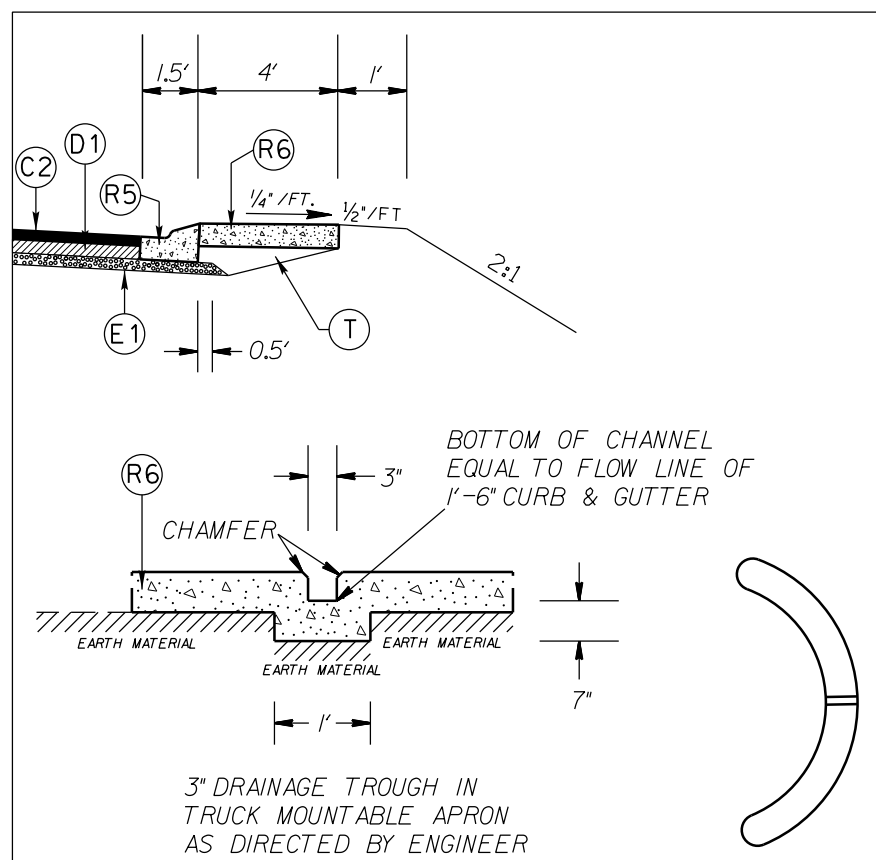
WEDGING DETAIL



SAFETY EDGE DETAIL

PAVEMENT SCHEDULE

(C1)	PROP. APPROX. 1½" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
(C2)	PROP. APPROX. 3" ASPHALT CONC. SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
(D1)	PROP. APPROX. 4" ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(D2)	PROP. VARIABLE DEPTH ASPHALT CONC. INTERMEDIATE COURSE.
(E1)	PROP. APPROX. 4.0" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
(R1)	PROP. 2'-6" CURB & GUTTER
(R2)	PROP. 1'-6" CURB & GUTTER, CLASS AA CONCRETE
(R3)	PROP. 7" TRUCK MOUNTABLE CONC ISLAND, CLASS AA CONCRETE
(R4)	PROP. 5" MONOLITHIC ISLAND (SURFACE MOUNTED)
(R5)	PROP. 1'-6" CURB & GUTTER W/ BLACK TINT, CLASS AA CONCRETE
(R6)	PROP. 7" TRUCK MOUNTABLE CONC ISLAND W/ BLACK TINT, CLASS AA CONCRETE
(T)	EARTH MATERIAL
(J)	PROP. 4" AGGREGATE.



APRON DETAIL

ROUNDABOUT AT
WAXHAW INDAIN TRAIL RD.(SR-1008)
AND BEULAH CHURCH RD.(SR-1346)

SCALE	r=50'
DATE	12-2015
DWG. BY	JDH
DESIGN BY	JDH
APPROVED	RWB



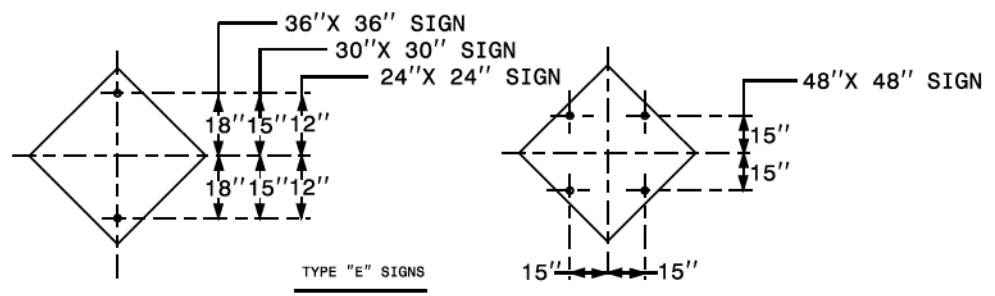
REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	2C	
F.A. PROJECT NO.			

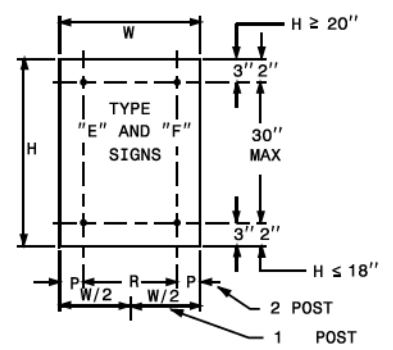
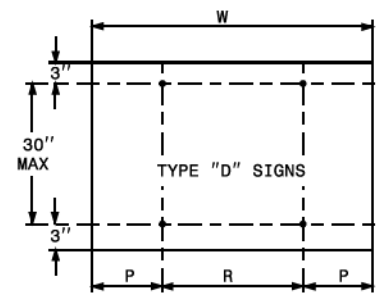
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

1-12

ENGLISH STANDARD DRAWING FOR
MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS
ON 'U' CHANNEL POSTS



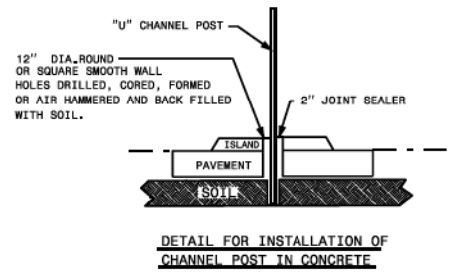
TYPE "E" SIGNS



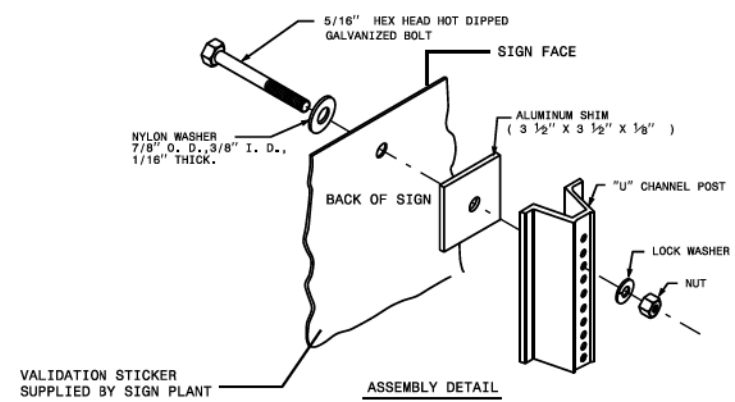
	NO. SUPPORTS		
	2	3 *	4
P	.207W	.145W	.107W
R	.586W	.355W	.262W

UNITS ON ATTACHED SHEET
* MINIMUM 4 FT. BETWEEN CHANNEL POSTS

HOLE PUNCHING DETAIL



DETAIL FOR INSTALLATION OF CHANNEL POST IN CONCRETE



ASSEMBLY DETAIL

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

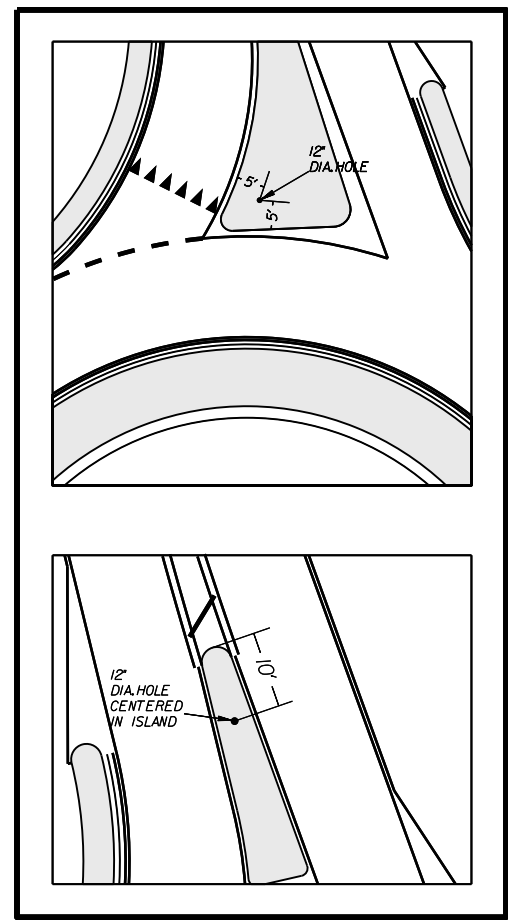
1-12

ENGLISH STANDARD DRAWING FOR
MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS
ON 'U' CHANNEL POSTS

SHEET 2 OF 2

904.50

12" DIA. HOLE LOCATION FOR SIGN U-CHANNEL POST IN SPLITTER ISLANDS



SHEET 2 OF 2

904.50

ROUNDABOUT AT
WAXHAW INDAIN TRAIL RD.(SR-1008)
AND BEULAH CHURCH RD.(SR-1346)

SCALE	r=50'
DATE	12-2015
DWG. BY	JDH
DESIGN BY	JDH
APPROVED	RWB



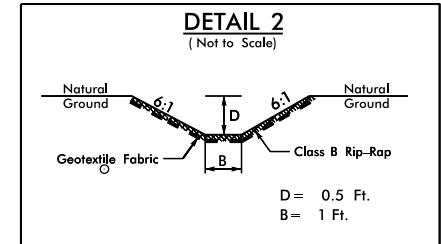
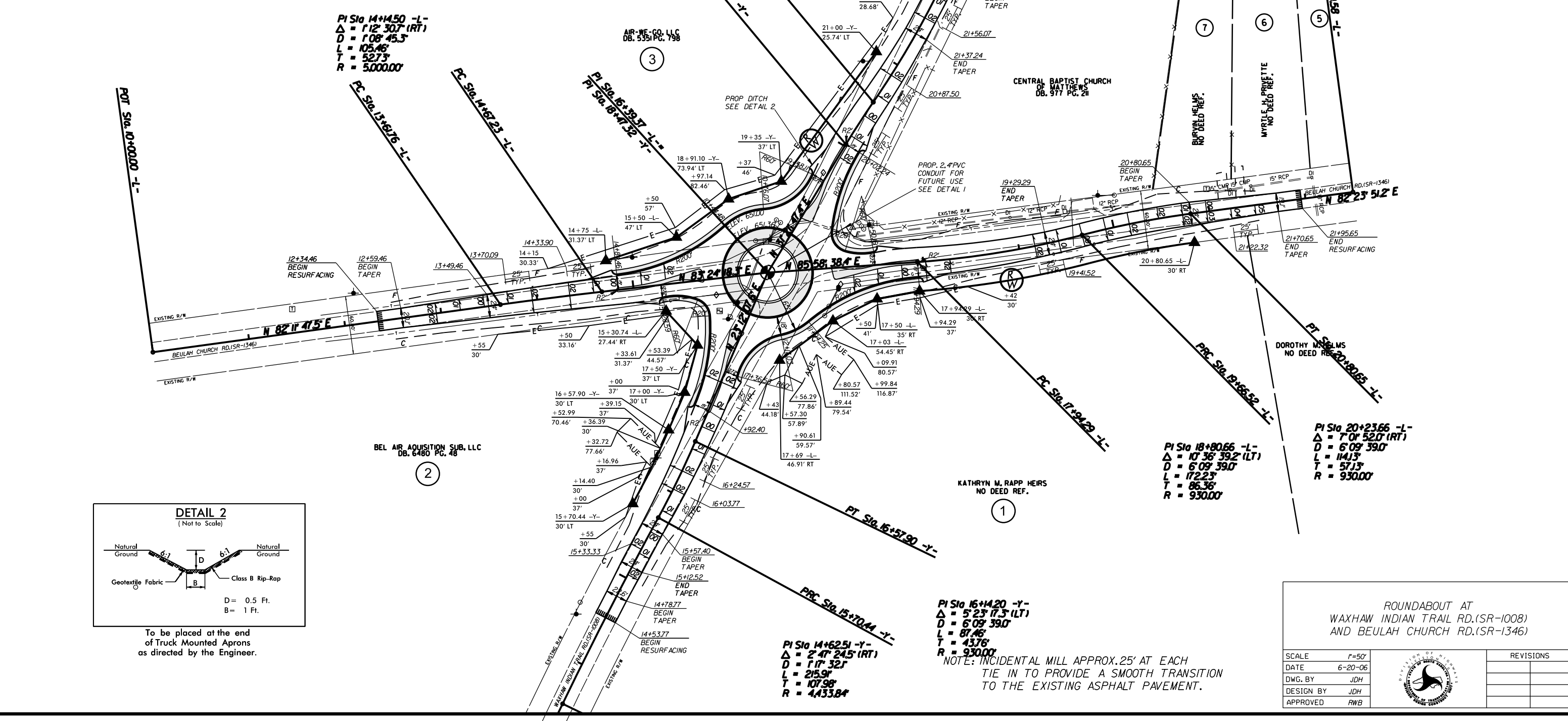
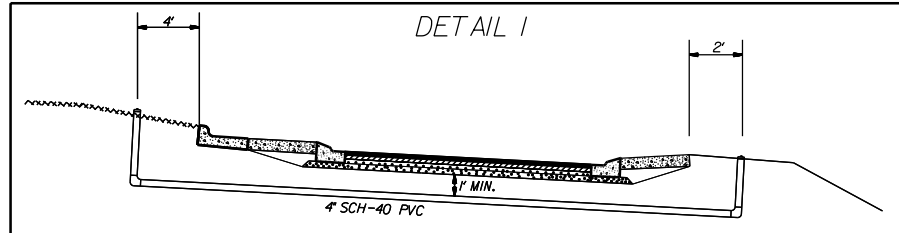
REVISIONS	

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAMES	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING RT.	AREA REMAINING LT.	TEMP. CONST. EASE.	PERM. DRAIN. EASE.	AERIAL UTILITY EASE.
1	KATHRYN M.RAPP HEIRS		0.128 AC			1,249 SF		1,760 SF
2	BEL AIR AQUISITION SUB,LLC.		0.081 AC			1,582 SF		942 SF
3	AIR-WE-GO,LLC.		0.183 AC			3,720 SF		

6/21/00
 I:\FEB-2016 10:52
 S:\DDC\RDY\Union\Beulah.ct\Wexhaw Indian Trail Roundabout\sum\beulah_wexhaw_indian_trail_un6_sum.dgn
 81-D:\M\W\RDY\2016\10-27-16\10-27-16.dwg

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	4	
F.A. PROJECT NO.			



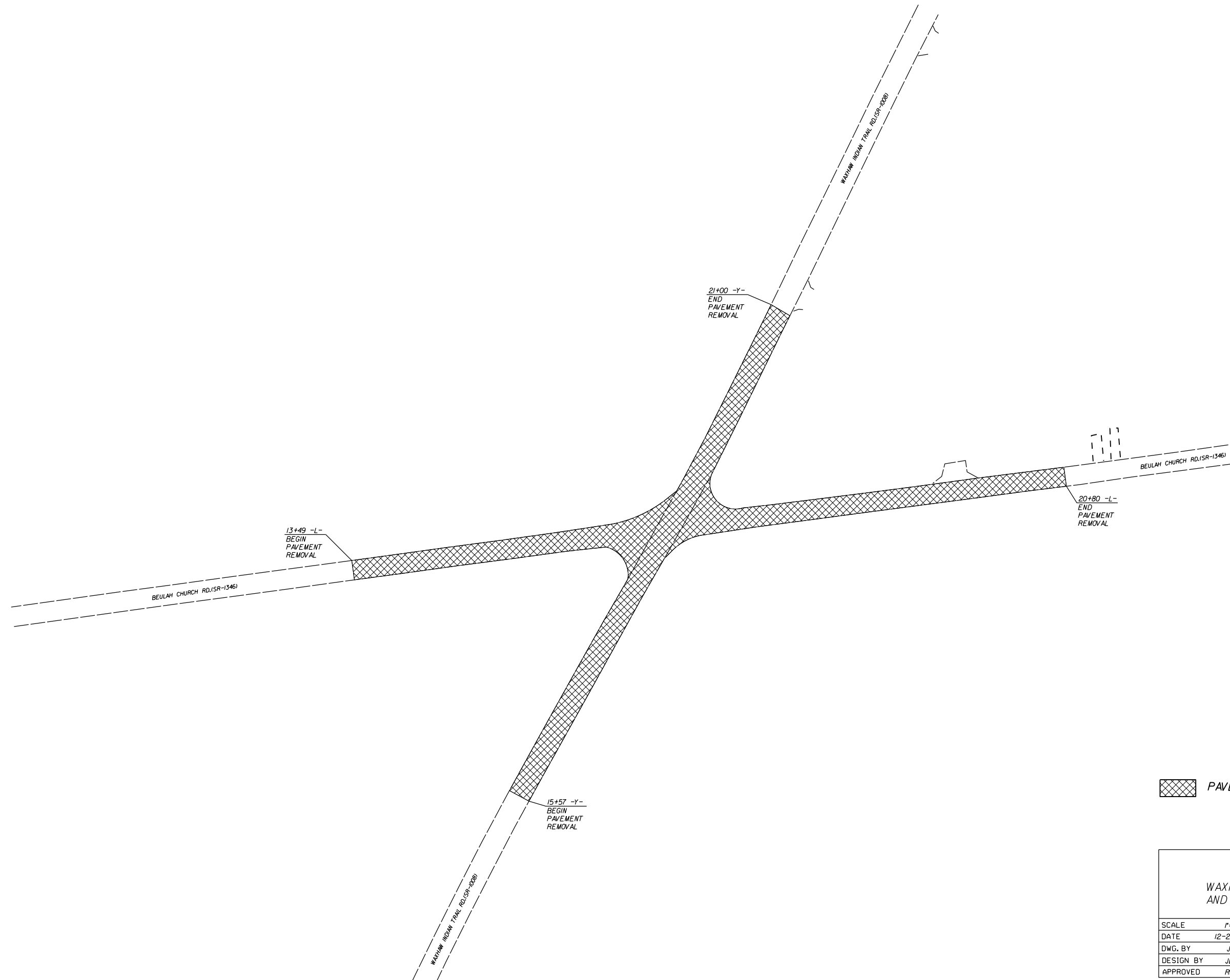
To be placed at the end of Truck Mounted Aprons as directed by the Engineer.

ROUNDABOUT AT
WAXHAW INDIAN TRAIL RD.(SR-1008)
AND BEULAH CHURCH RD.(SR-1346)

SCALE	1"=50'		REVISIONS
DATE	6-20-06		
DWG. BY	JDH		
DESIGN BY	JDH		
APPROVED	RWB		

NOTE: INCIDENTAL MILL APPROX. 25' AT EACH TIE IN TO PROVIDE A SMOOTH TRANSITION TO THE EXISTING ASPHALT PAVEMENT.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	5	
F.A. PROJECT NO.			



 PAVEMENT REMOVAL

ROUNDABOUT AT
WAXHAW INDIAN TRAIL RD.(SR-1008)
AND BEULAH CHURCH RD.(SR-1346)

SCALE	r=50'
DATE	12-2015
DWG. BY	JDH
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

5/14/99

PROJECT REFERENCE NO. SHEET NO.

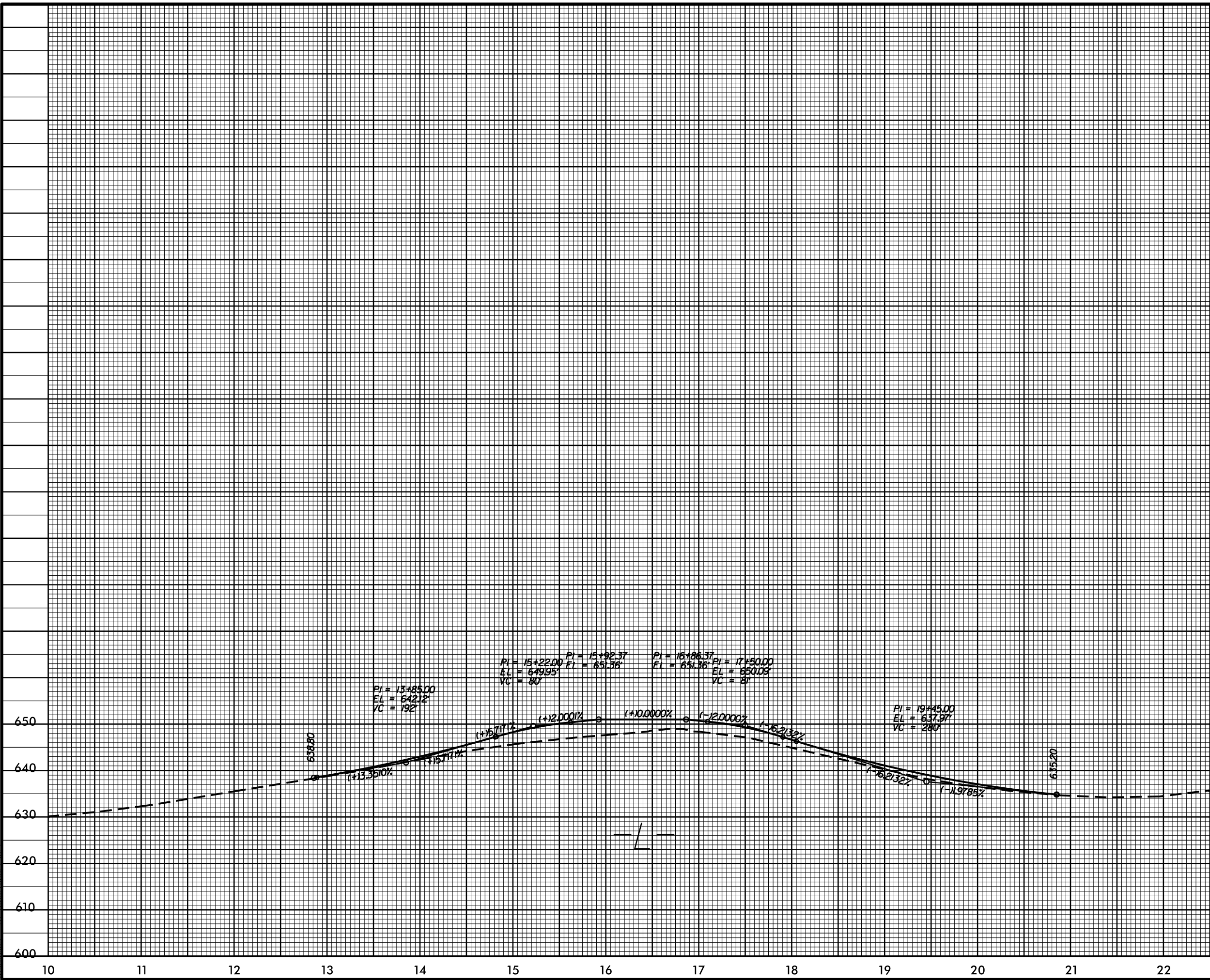
50138.3.61 6

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I:\FEB-2006\Illi... Station\RDY\Union\Beulah.ch\Washaw Indian Trail Roundabout\PROF\Beulah.washaw indian trail.un6.pfl.dgn



5/14/99

PROJECT REFERENCE NO. SHEET NO.

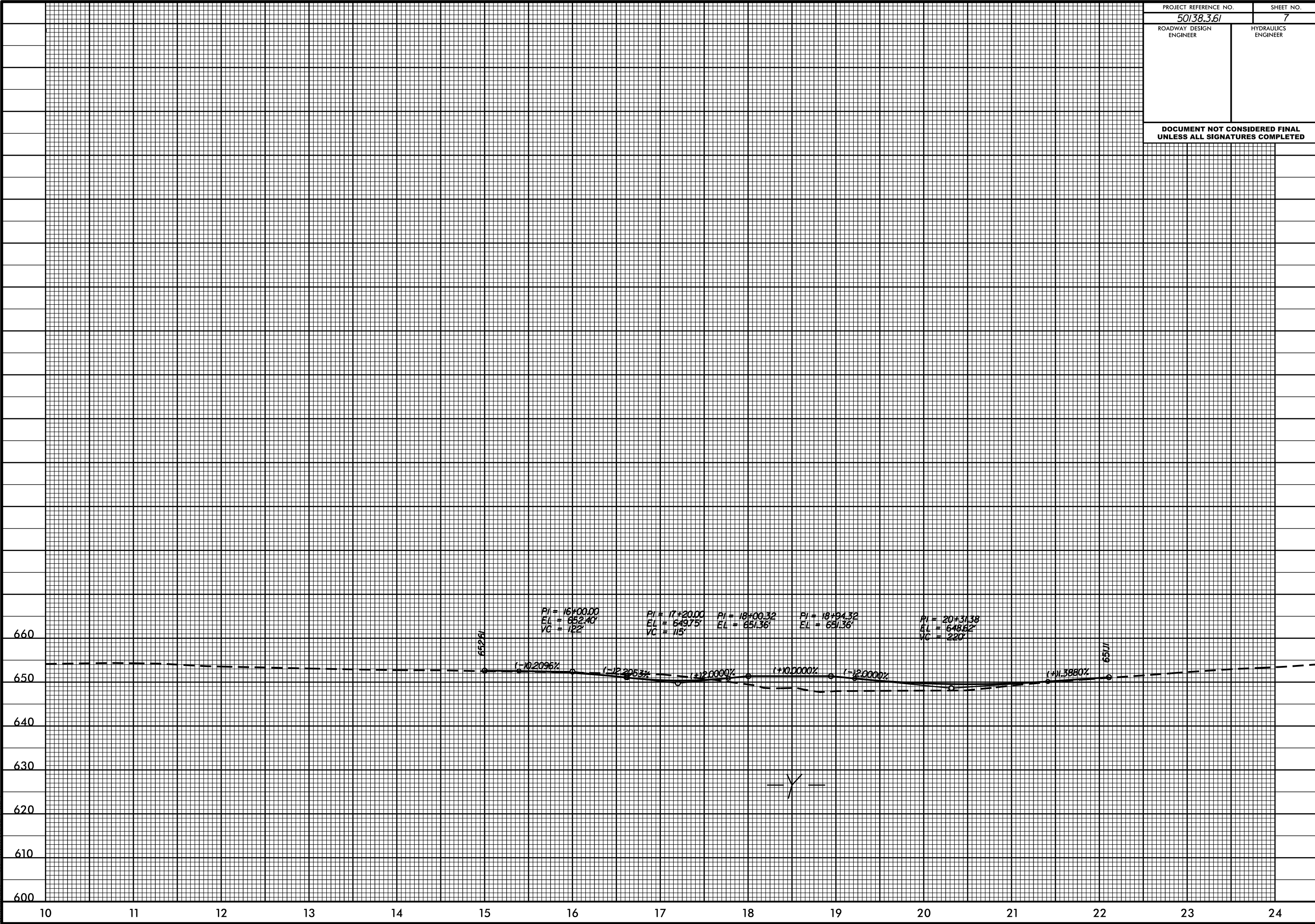
50138.3.61 7

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I:\FEB-2006\1849\St\DDC\RDY\Union\Beulah.ch\Washaw Indian Trail Roundabout\PROF\Beulah.washaw indian trail.un6.pfl.dgn



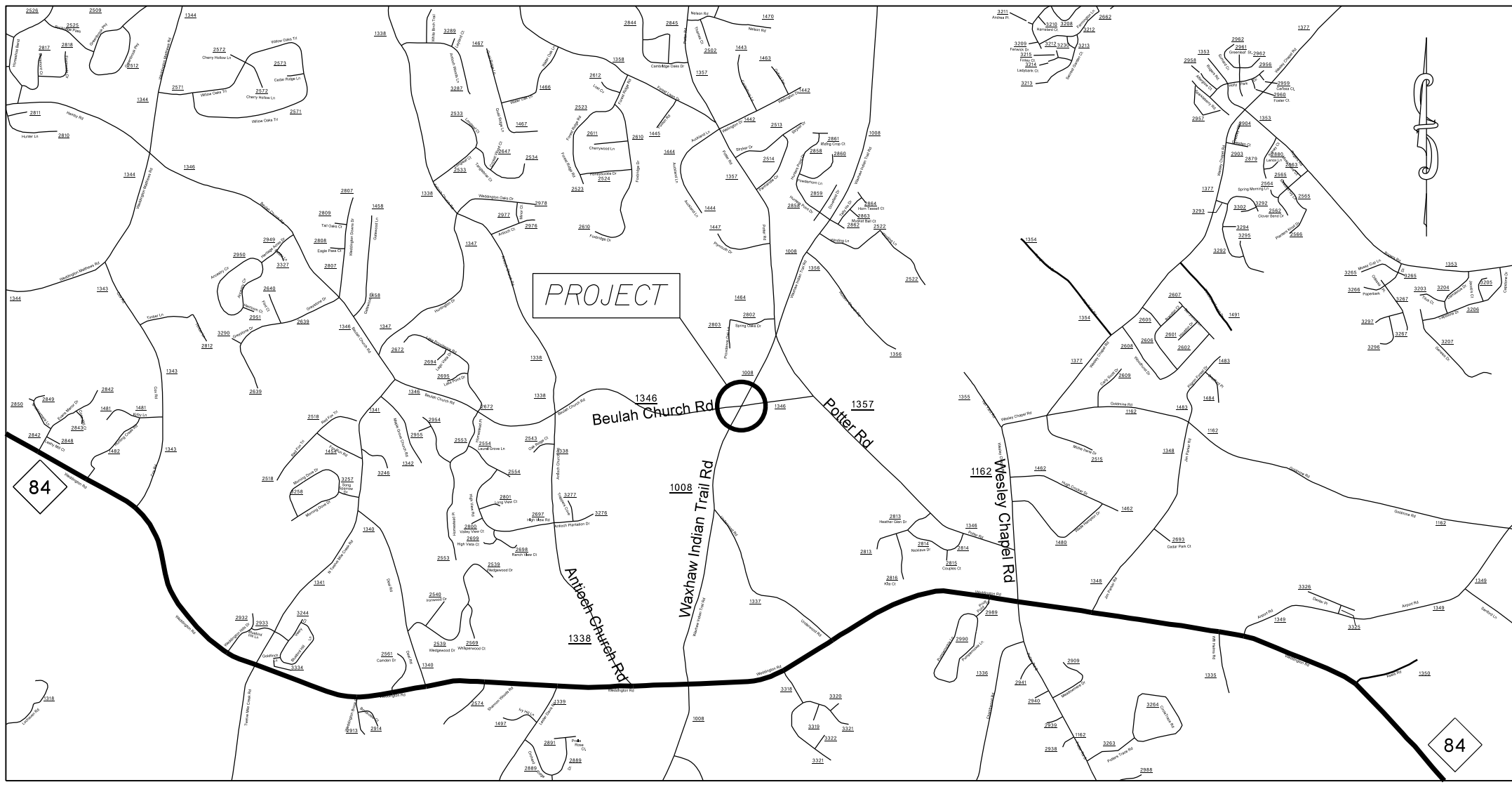
PROJECT: 50138.3.61 TIP: W-5601BH

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

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5601BH	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

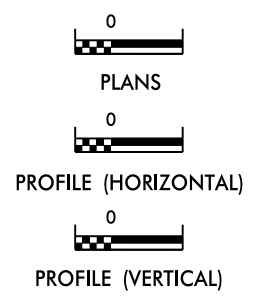
EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
1630.05	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	III III III
1606.01	Special Sediment Control Fence	III III III
1622.01	Temporary Berms and Slope Drains	TBD
1630.02	Silt Basin Type B	Silt Basin Type B
1633.01	Temporary Rock Silt Check Type-A	Rock Silt Check Type-A
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	Rock Silt Check Type-A with PAM
1633.02	Temporary Rock Silt Check Type-B	Rock Silt Check Type-B
	Wattle / Coir Fiber Wattle	Wattle / Coir Fiber Wattle
	Wattle / Coir Fiber Wattle with Polyacrylamide (PAM)	Wattle / Coir Fiber Wattle with PAM
1634.01	Temporary Rock Sediment Dam Type-A	Rock Sediment Dam Type-A
1634.02	Temporary Rock Sediment Dam Type-B	Rock Sediment Dam Type-B
1635.01	Rock Pipe Inlet Sediment Trap Type-A	Rock Pipe Inlet Sediment Trap Type-A
1635.02	Rock Pipe Inlet Sediment Trap Type-B	Rock Pipe Inlet Sediment Trap Type-B
1630.04	Stilling Basin	Stilling Basin
1630.06	Special Stilling Basin	Special Stilling Basin
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	Skimmer Basin
	Tiered Skimmer Basin	Tiered Skimmer Basin
	Infiltration Basin	Infiltration Basin



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

GRAPHIC SCALE



ROADSIDE ENVIRONMENTAL UNIT
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY
WITH THE REGULATIONS SET FORTH BY THE
NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011
ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND
NATURAL RESOURCES DIVISION OF WATER QUALITY.

Prepared in the Office of:
DDC UNIT DIVISION 10
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
2012 STANDARD SPECIFICATIONS

DONALD HARWARD 3028
EROSION CONTROL DESIGNER LEVEL III-A CERTIFICATION #

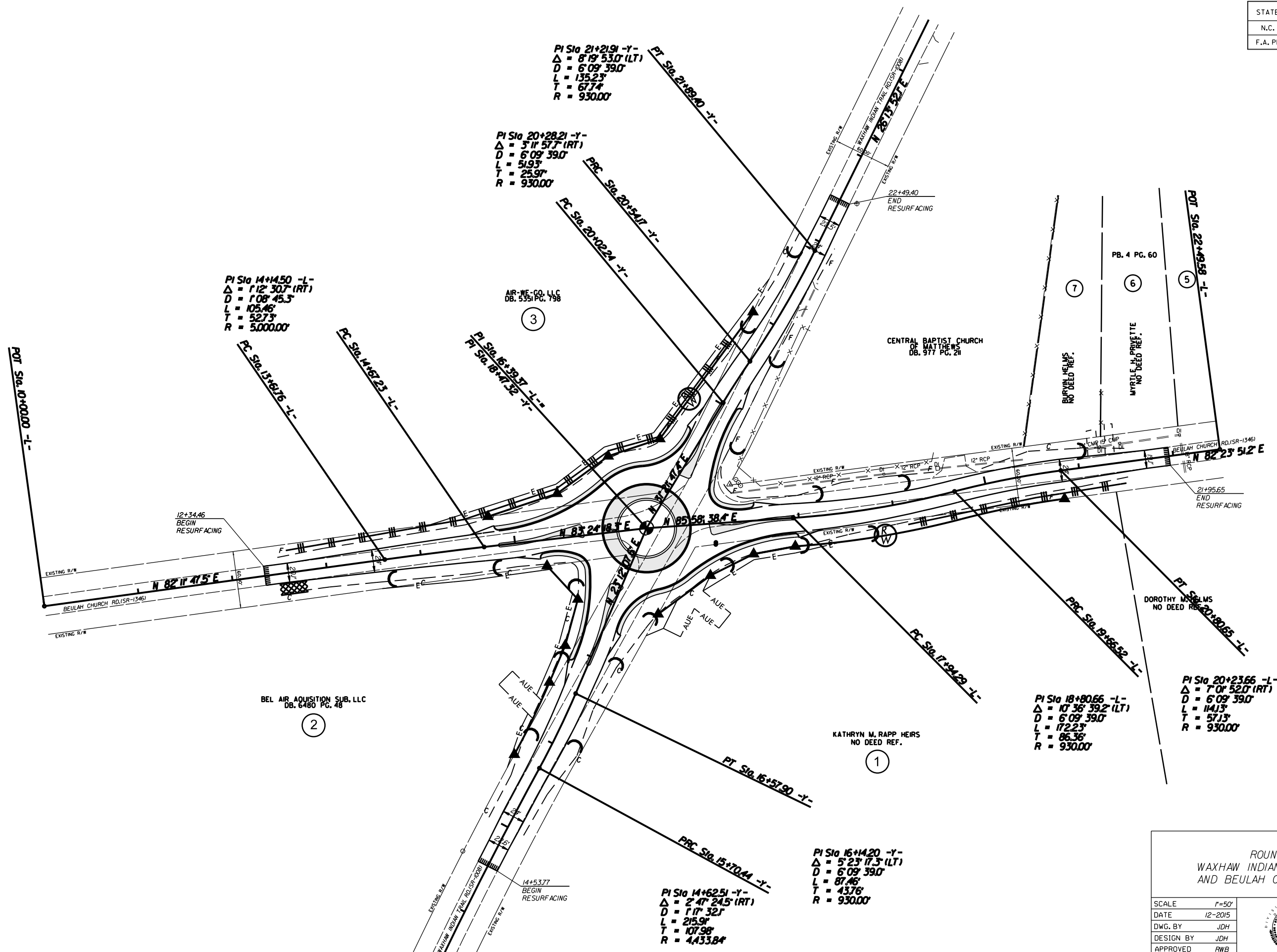
Roadway Standard Drawings

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.

1604.01	Railroad Erosion Control Detail	1632.01	Rock Inlet Sediment Trap Type A
1605.01	Temporary Silt Fence	1632.02	Rock Inlet Sediment Trap Type B
1606.01	Special Sediment Control Fence	1632.03	Rock Inlet Sediment Trap Type C
1607.01	Gravel Construction Entrance	1633.01	Temporary Rock Silt Check Type A
1622.01	Temporary Berms and Slope Drains	1633.02	Temporary Rock Silt Check Type B
1630.01	Riser Basin	1634.01	Temporary Rock Sediment Dam Type A
1630.02	Silt Basin Type B	1634.02	Temporary Rock Sediment Dam Type B
1630.03	Temporary Silt Ditch	1635.01	Rock Pipe Inlet Sediment Trap Type A
1630.04	Stilling Basin	1635.02	Rock Pipe Inlet Sediment Trap Type B
1630.05	Temporary Diversion	1640.01	Coir Fiber Baffle
1630.06	Special Stilling Basin	1645.01	Temporary Stream Crossing
1631.01	Matting Installation		

I:\EFG-5016 W-5601 BH\Roadway\50138.3.61\erogon\beulah_inidian_trail_erosion_titlesheet.dgn

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	EC-2	
F.A. PROJECT NO.			



PI Sta 21+21.91 -Y-
 $\Delta = 8^{\circ}19'53.0\" (LT)$
 $D = 6^{\circ}09'39.0\"$
 $L = 135.23'$
 $T = 67.74'$
 $R = 930.00'$

PI Sta 20+28.21 -Y-
 $\Delta = 5^{\circ}11'57.7\" (RT)$
 $D = 6^{\circ}09'39.0\"$
 $L = 51.93'$
 $T = 25.97'$
 $R = 930.00'$

PI Sta 14+14.50 -L-
 $\Delta = 1^{\circ}12'30.7\" (RT)$
 $D = 1^{\circ}08'45.3\"$
 $L = 105.46'$
 $T = 52.73'$
 $R = 5000.00'$

AIR-WE-GO, LLC
 DB. 5351 PG. 798
 (3)

CENTRAL BAPTIST CHURCH
 OF MATTHEWS
 DB. 977 PG. 21

PB. 4 PG. 60
 (7) (6) (5)

BRYAN HELMS
 NO DEED REF.

MYRLE H. PRIVETTE
 NO DEED REF.

BEULAH CHURCH RD. (SR-1346)
 $N 82^{\circ}23'51.2\" E$

12+34.46
 BEGIN
 RESURFACING

BEULAH CHURCH RD. (SR-1346)

21+95.65
 END
 RESURFACING

DOROTHY M. HELMS
 NO DEED REF.

BEL AIR AQUISITION SUB, LLC
 DB. 6480 PG. 48
 (2)

KATHRYN M. RAPP HEIRS
 NO DEED REF.
 (1)

PI Sta 18+80.66 -L-
 $\Delta = 1^{\circ}36'39.2\" (LT)$
 $D = 6^{\circ}09'39.0\"$
 $L = 114.13'$
 $T = 57.13'$
 $R = 930.00'$

PI Sta 20+23.66 -L-
 $\Delta = 7^{\circ}0'52.0\" (RT)$
 $D = 6^{\circ}09'39.0\"$
 $L = 114.13'$
 $T = 57.13'$
 $R = 930.00'$

PI Sta 16+14.20 -Y-
 $\Delta = 5^{\circ}23'17.3\" (LT)$
 $D = 6^{\circ}09'39.0\"$
 $L = 87.46'$
 $T = 43.76'$
 $R = 930.00'$

PI Sta 14+62.51 -Y-
 $\Delta = 2^{\circ}47'24.5\" (RT)$
 $D = 1^{\circ}17'32.1\"$
 $L = 215.9'$
 $T = 107.98'$
 $R = 4433.84'$

14+53.77
 BEGIN
 RESURFACING

ROUNDABOUT AT
 WAXHAW INDIAN TRAIL RD. (SR-1008)
 AND BEULAH CHURCH RD. (SR-1346)

SCALE	1"=50'
DATE	12-2015
DWG. BY	JDH
DESIGN BY	JDH
APPROVED	RWB



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.	50138.3.61	PMP-1	
F.A. PROJECT NO.			

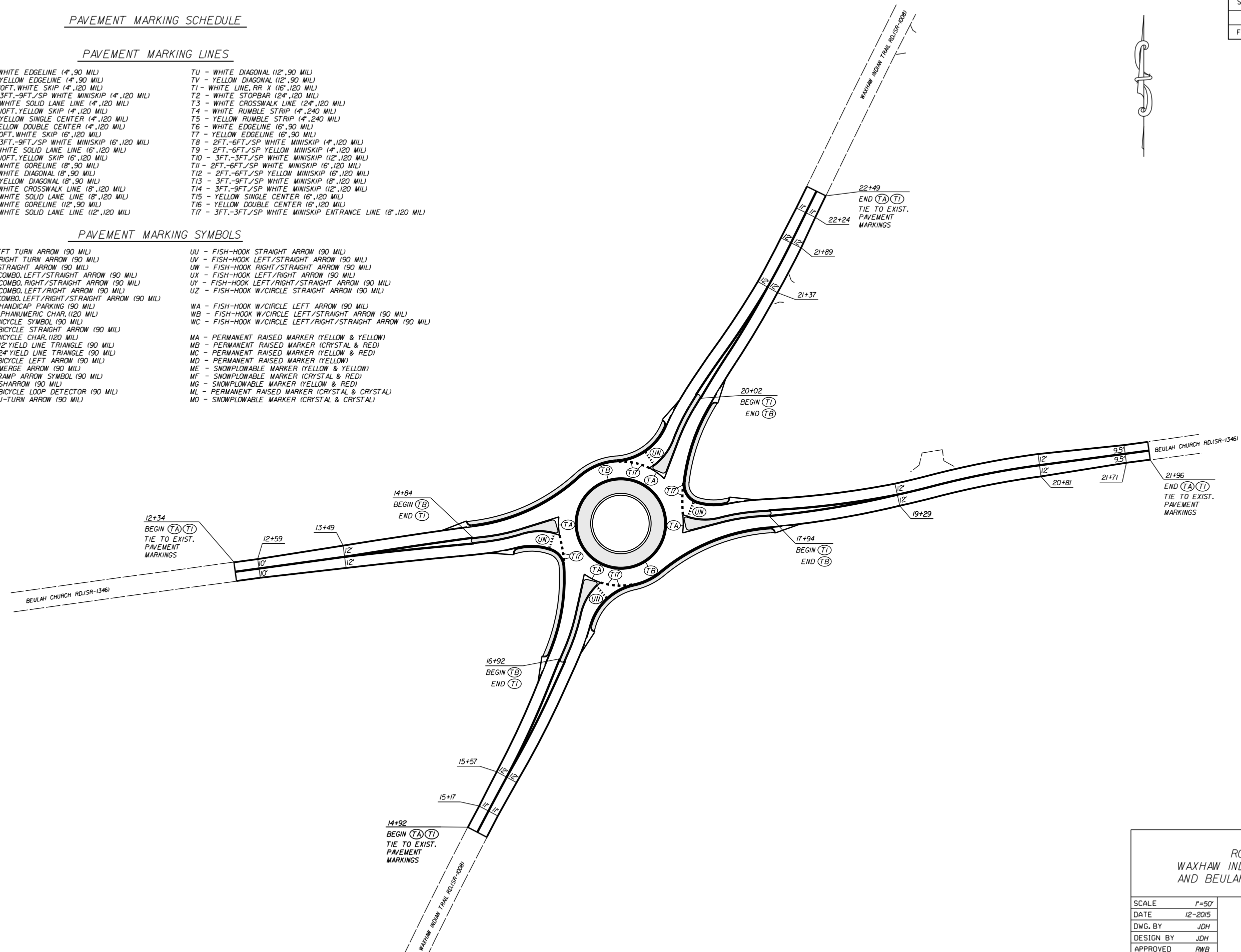
PAVEMENT MARKING SCHEDULE

PAVEMENT MARKING LINES

- | | |
|--|---|
| TA - WHITE EDGELINE (4", 90 MIL) | TU - WHITE DIAGONAL (1/2", 90 MIL) |
| TB - YELLOW EDGELINE (4", 90 MIL) | TV - YELLOW DIAGONAL (1/2", 90 MIL) |
| TC - 10FT. WHITE SKIP (4", 120 MIL) | T1 - WHITE LINE, RR X (16", 120 MIL) |
| TD - 3FT.-9FT./SP WHITE MINISKIP (4", 120 MIL) | T2 - WHITE STOPBAR (24", 120 MIL) |
| TE - WHITE SOLID LANE LINE (4", 120 MIL) | T3 - WHITE CROSSWALK LINE (24", 120 MIL) |
| TF - 10FT. YELLOW SKIP (4", 120 MIL) | T4 - WHITE RUMBLE STRIP (4", 240 MIL) |
| TH - YELLOW SINGLE CENTER (4", 120 MIL) | T5 - YELLOW RUMBLE STRIP (4", 240 MIL) |
| TI - YELLOW DOUBLE CENTER (4", 120 MIL) | T6 - WHITE EDGELINE (6", 90 MIL) |
| TJ - 10FT. WHITE SKIP (6", 120 MIL) | T7 - YELLOW EDGELINE (6", 90 MIL) |
| TK - 3FT.-9FT./SP WHITE MINISKIP (6", 120 MIL) | T8 - 2FT.-6FT./SP WHITE MINISKIP (4", 120 MIL) |
| TL - WHITE SOLID LANE LINE (6", 120 MIL) | T9 - 2FT.-6FT./SP YELLOW MINISKIP (4", 120 MIL) |
| TM - 10FT. YELLOW SKIP (6", 120 MIL) | T10 - 3FT.-3FT./SP WHITE MINISKIP (1/2", 120 MIL) |
| TN - WHITE GORELINE (8", 90 MIL) | T11 - 2FT.-6FT./SP WHITE MINISKIP (6", 120 MIL) |
| TO - WHITE DIAGONAL (8", 90 MIL) | T12 - 2FT.-6FT./SP YELLOW MINISKIP (6", 120 MIL) |
| TP - YELLOW DIAGONAL (8", 90 MIL) | T13 - 3FT.-9FT./SP WHITE MINISKIP (8", 120 MIL) |
| TQ - WHITE CROSSWALK LINE (8", 120 MIL) | T14 - 3FT.-9FT./SP WHITE MINISKIP (1/2", 120 MIL) |
| TR - WHITE SOLID LANE LINE (8", 120 MIL) | T15 - YELLOW SINGLE CENTER (6", 120 MIL) |
| TS - WHITE GORELINE (1/2", 90 MIL) | T16 - YELLOW DOUBLE CENTER (6", 120 MIL) |
| TT - WHITE SOLID LANE LINE (1/2", 120 MIL) | T17 - 3FT.-3FT./SP WHITE MINISKIP ENTRANCE LINE (8", 120 MIL) |

PAVEMENT MARKING SYMBOLS

- | | |
|--|--|
| UA - LEFT TURN ARROW (90 MIL) | UU - FISH-HOOK STRAIGHT ARROW (90 MIL) |
| UB - RIGHT TURN ARROW (90 MIL) | UV - FISH-HOOK LEFT/STRAIGHT ARROW (90 MIL) |
| UC - STRAIGHT ARROW (90 MIL) | UW - FISH-HOOK RIGHT/STRAIGHT ARROW (90 MIL) |
| UD - COMBO. LEFT/STRAIGHT ARROW (90 MIL) | UX - FISH-HOOK LEFT/RIGHT ARROW (90 MIL) |
| UE - COMBO. RIGHT/STRAIGHT ARROW (90 MIL) | UY - FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UF - COMBO. LEFT/RIGHT ARROW (90 MIL) | UZ - FISH-HOOK W/CIRCLE STRAIGHT ARROW (90 MIL) |
| UG - COMBO. LEFT/RIGHT/STRAIGHT ARROW (90 MIL) | WA - FISH-HOOK W/CIRCLE LEFT ARROW (90 MIL) |
| UH - HANDICAP PARKING (90 MIL) | WB - FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW (90 MIL) |
| UI - ALPHANUMERIC CHAR. (120 MIL) | WC - FISH-HOOK W/CIRCLE LEFT/RIGHT/STRAIGHT ARROW (90 MIL) |
| UJ - BICYCLE SYMBOL (90 MIL) | |
| UK - BICYCLE STRAIGHT ARROW (90 MIL) | MA - PERMANENT RAISED MARKER (YELLOW & YELLOW) |
| UL - BICYCLE CHAR. (120 MIL) | MB - PERMANENT RAISED MARKER (CRYSTAL & RED) |
| UM - 12" YIELD LINE TRIANGLE (90 MIL) | MC - PERMANENT RAISED MARKER (YELLOW & RED) |
| UN - 24" YIELD LINE TRIANGLE (90 MIL) | MD - PERMANENT RAISED MARKER (YELLOW) |
| UO - BICYCLE LEFT ARROW (90 MIL) | ME - SNOWFLOWABLE MARKER (YELLOW & YELLOW) |
| UP - MERGE ARROW (90 MIL) | MF - SNOWFLOWABLE MARKER (CRYSTAL & RED) |
| UQ - RAMP ARROW SYMBOL (90 MIL) | MG - SNOWFLOWABLE MARKER (YELLOW & RED) |
| UR - SHARROW (90 MIL) | ML - PERMANENT RAISED MARKER (CRYSTAL & CRYSTAL) |
| US - BICYCLE LOOP DETECTOR (90 MIL) | MO - SNOWFLOWABLE MARKER (CRYSTAL & CRYSTAL) |
| UT - U-TURN ARROW (90 MIL) | |



ROUNDABOUT AT
WAXHAW INDIAN TRAIL RD.(SR-1008)
AND BEULAH CHURCH RD.(SR-1346)

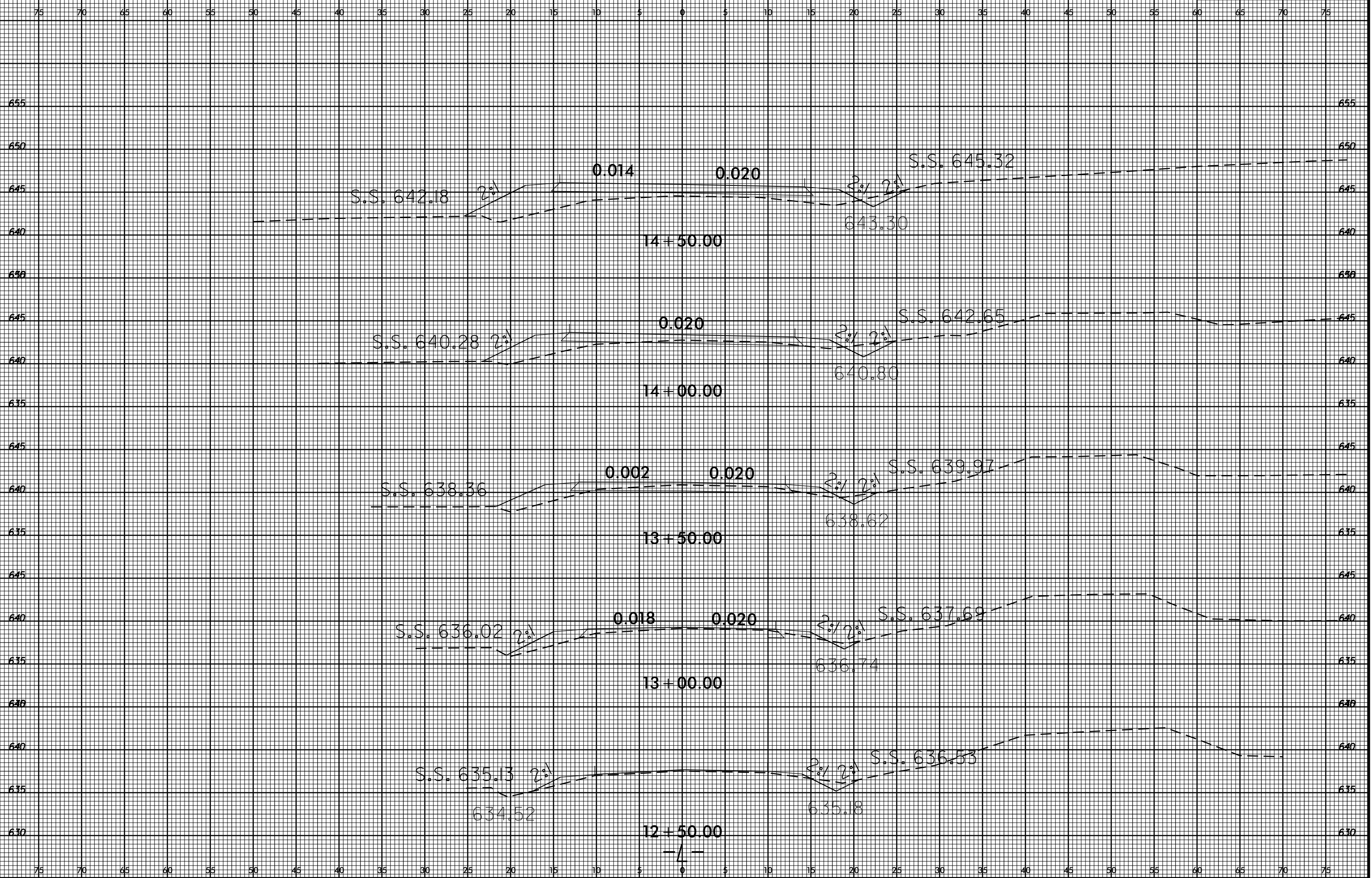
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DATE	12-2015		
DWG. BY	JDH		
DESIGN BY	JDH		
APPROVED	RWB		

8/23/99

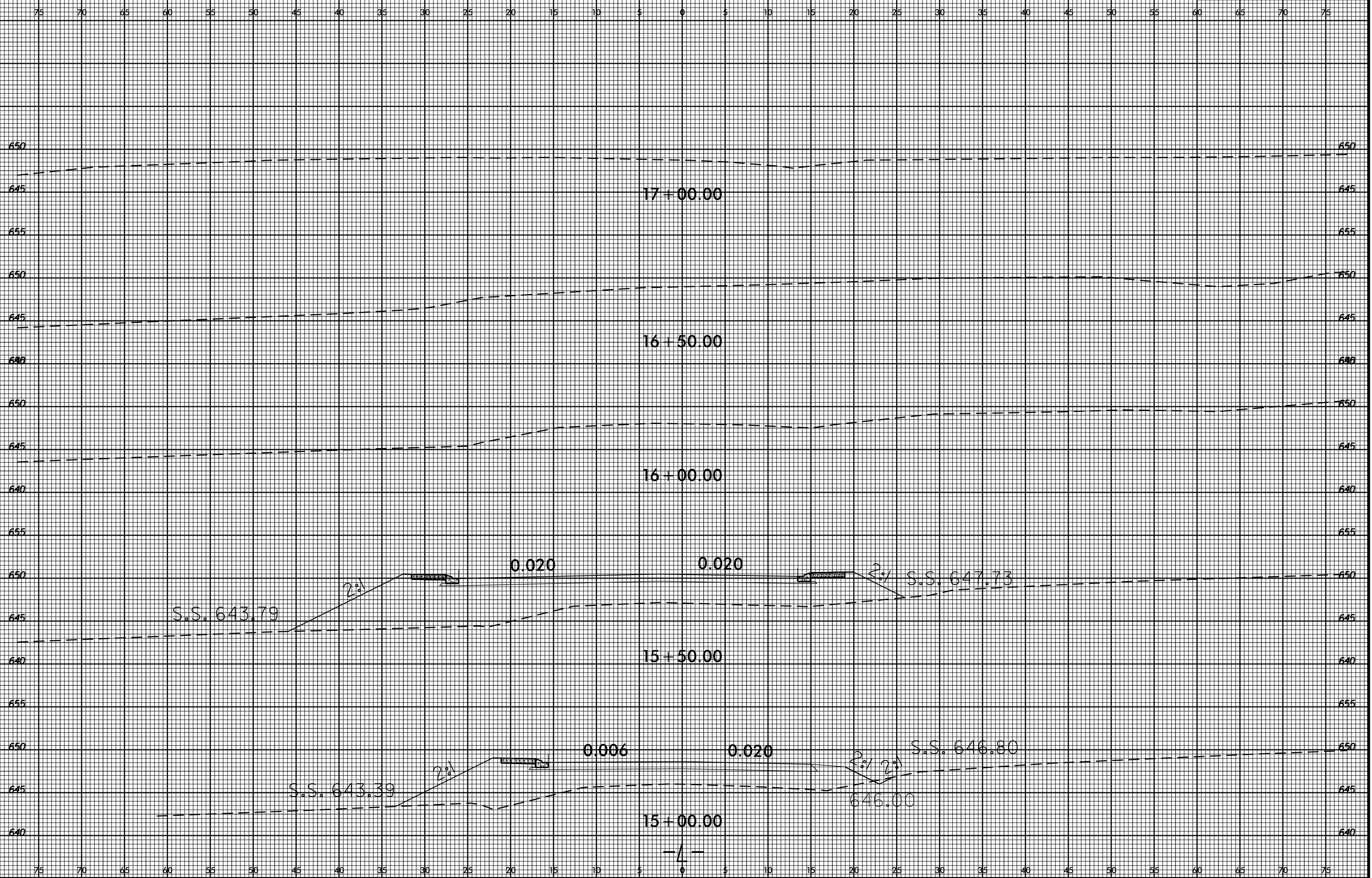


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50138.3.61

SHEET NO.
X-1

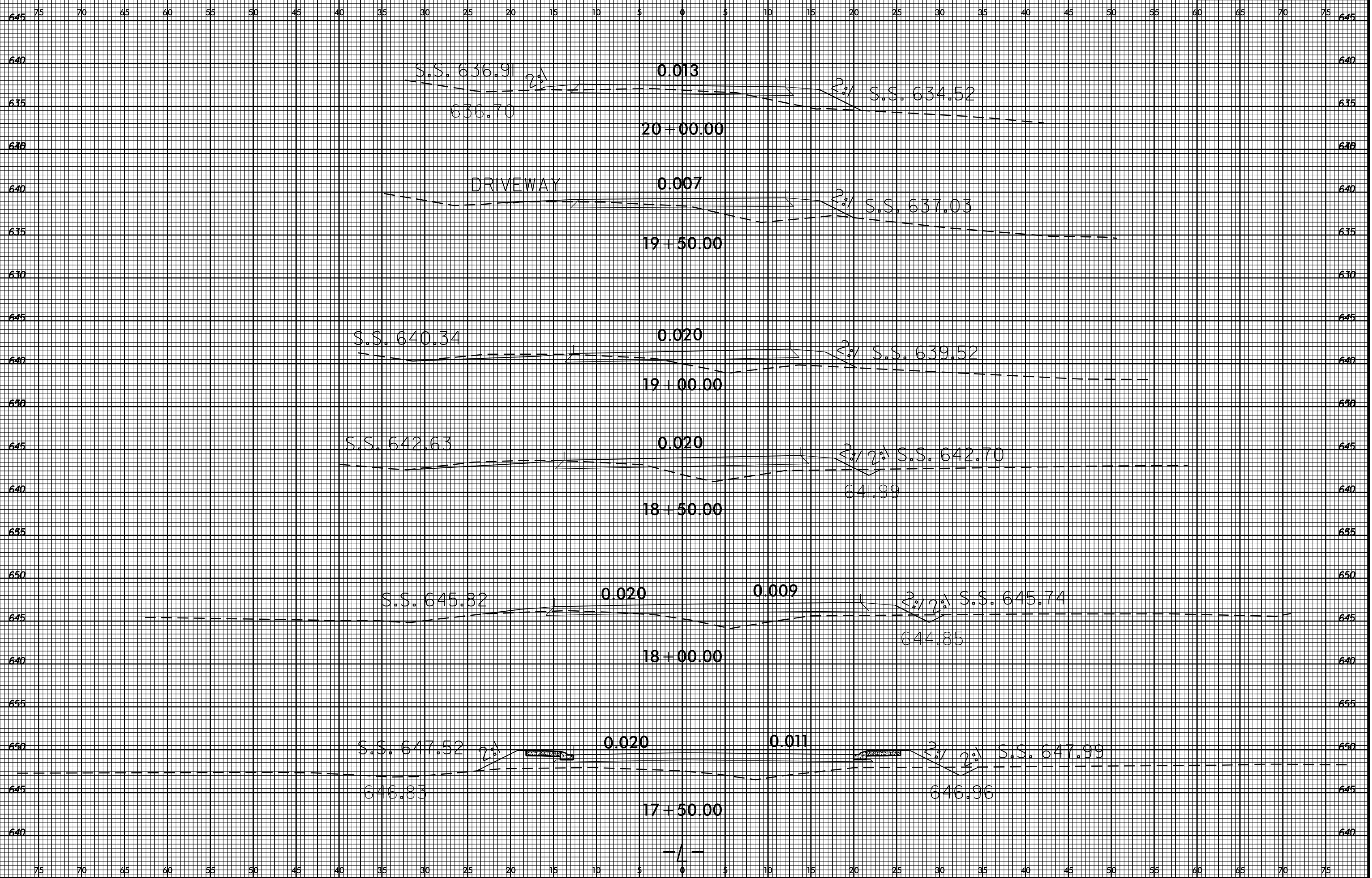


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8/23/99



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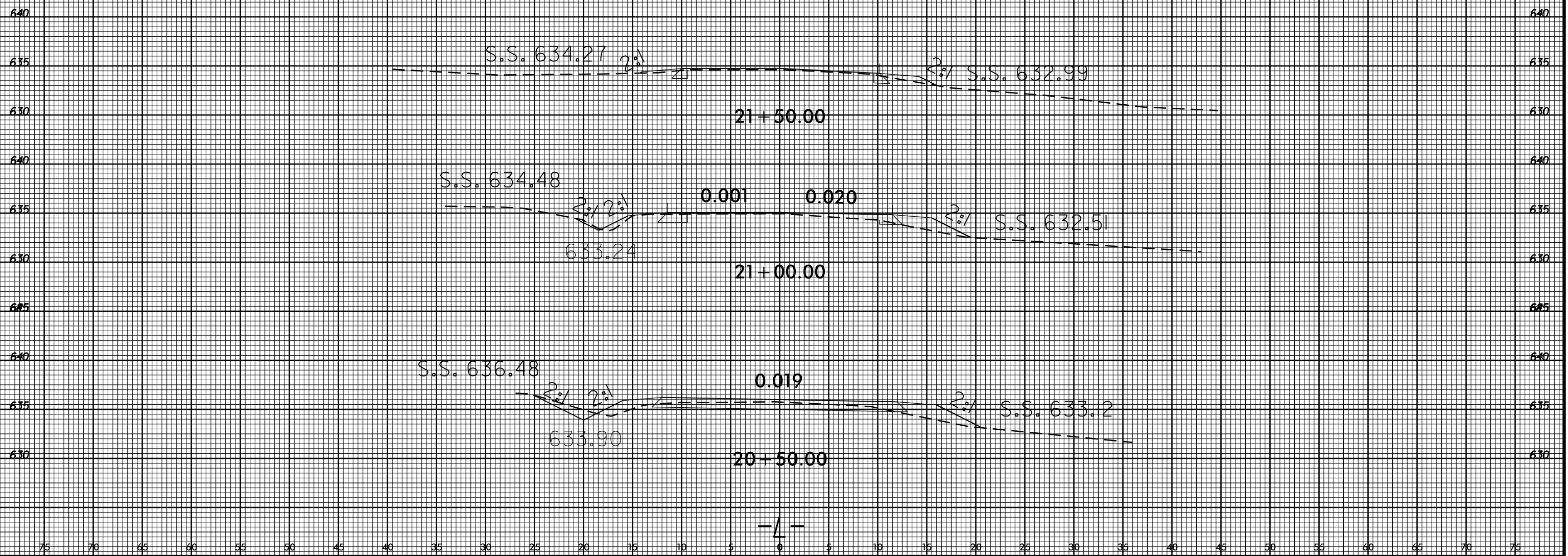
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PROJ. REFERENCE NO.
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SHEET NO.
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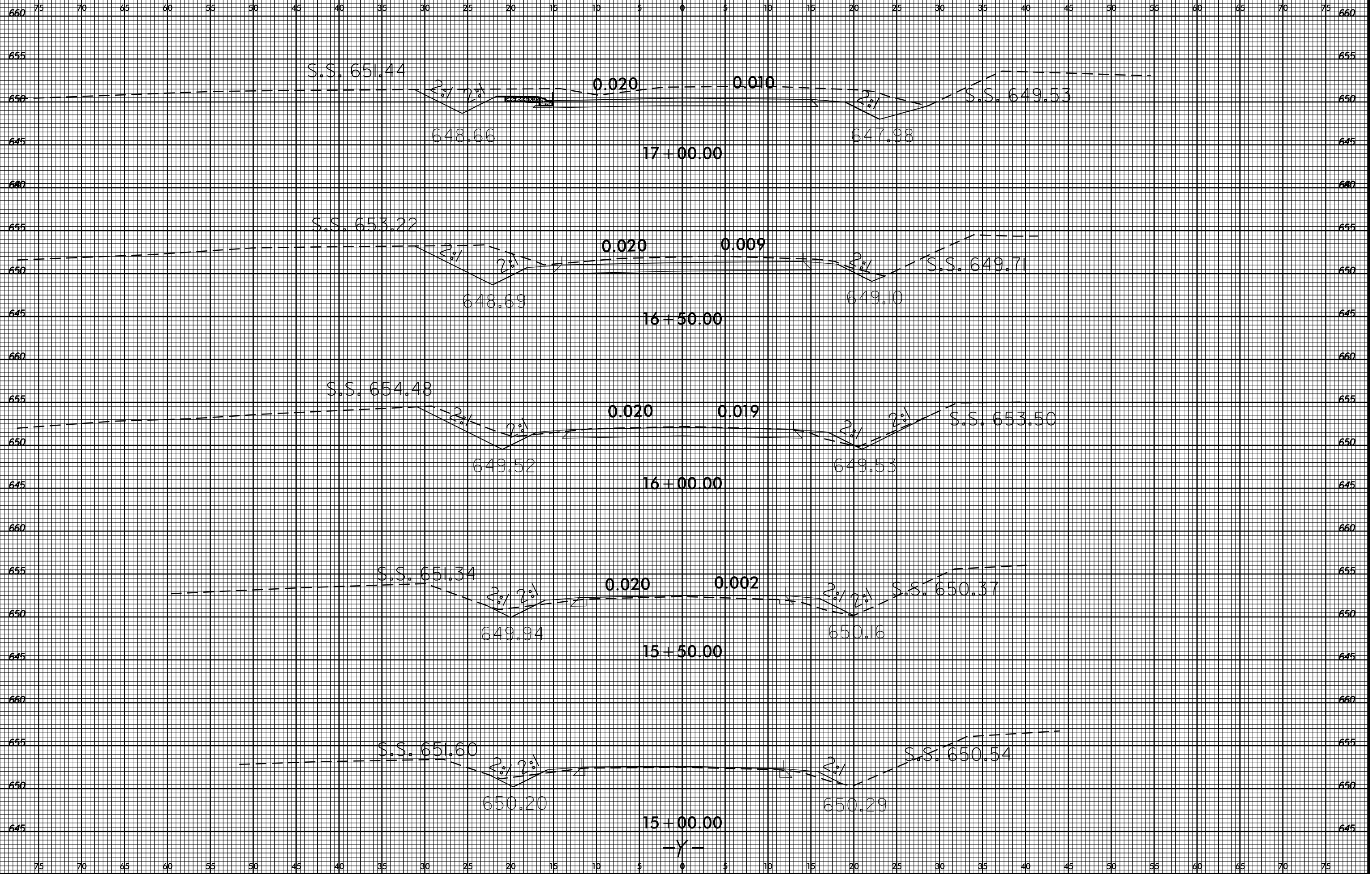
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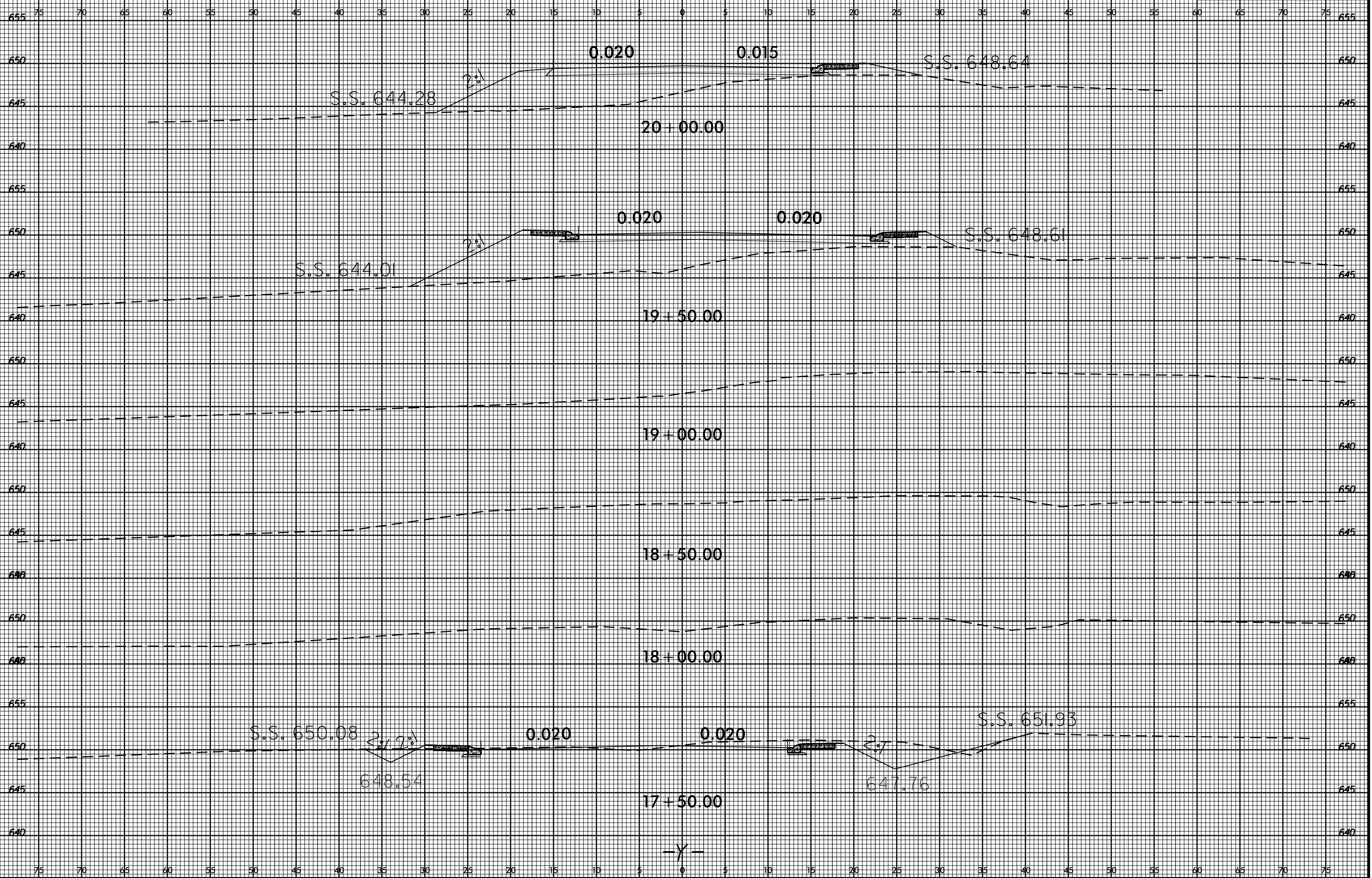
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SHEET NO.
X-5



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8/23/99



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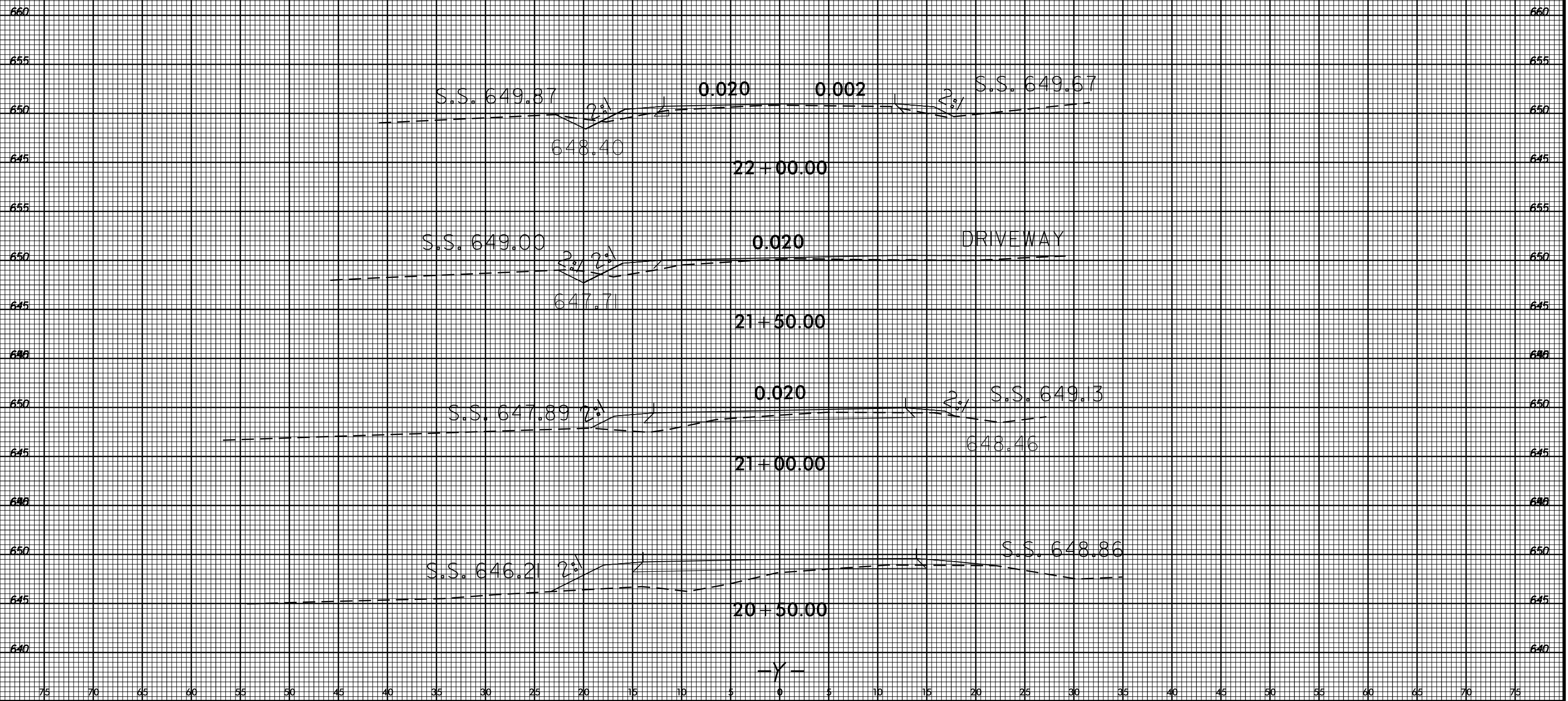
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PROJ. REFERENCE NO.
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SHEET NO.
X-7

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