NWL

JAN 2016

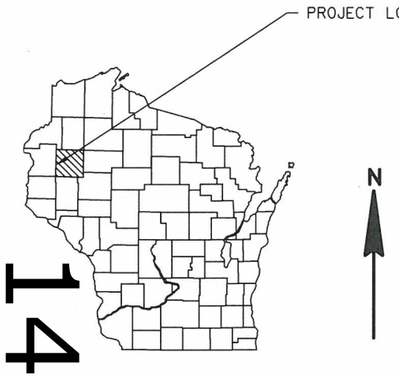
PROJECT ID: 8334-00-70

WITH: N/A

COUNTY: BARRON

ORDER OF SHEETS

TOTAL SHEETS = 48



14

DESIGN DESIGNATION

A.A.D.T.	2016	=	440
A.A.D.T.	2036	=	480
D.H.V.		=	105
D.D.		=	60/40
T.		=	2.9
DESIGN SPEED		=	45
ESALS		=	219,000

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

T TURTLE LAKE, ½ STREET

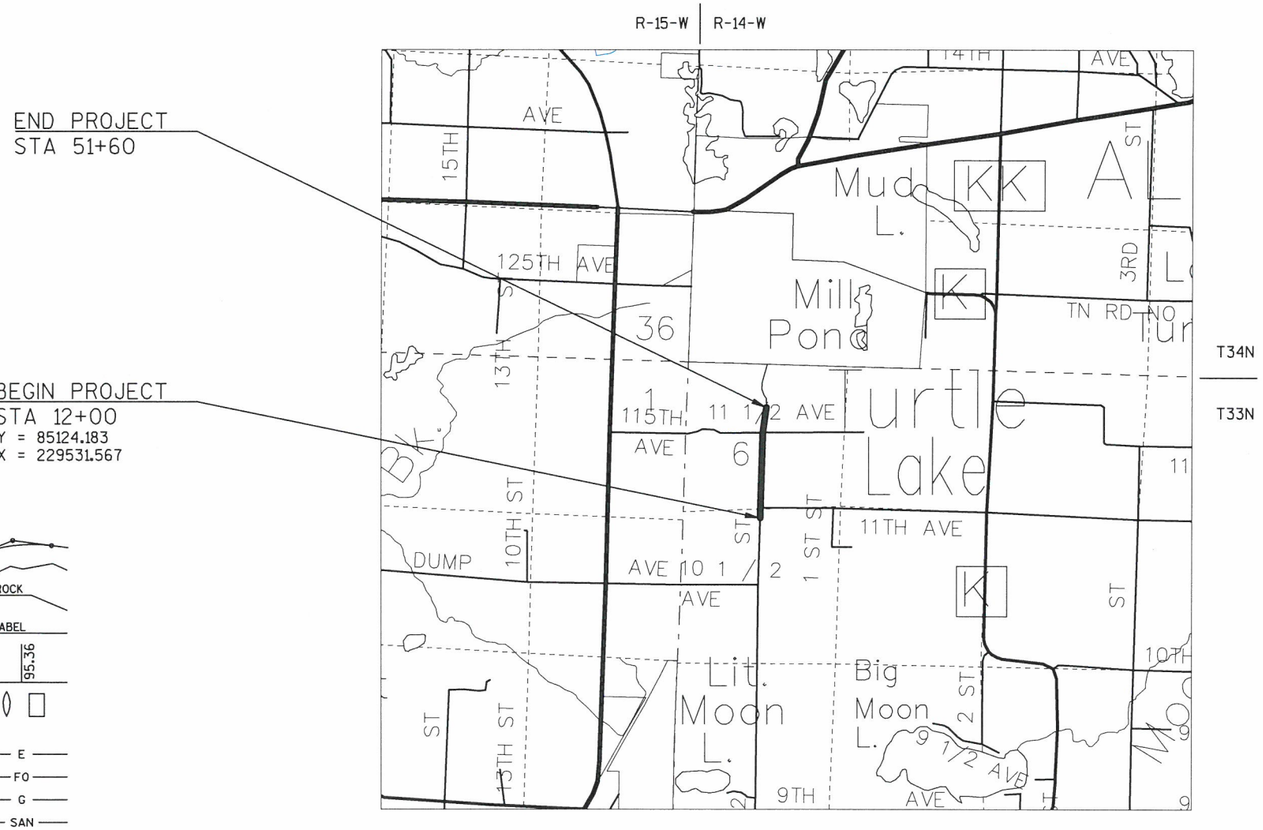
10 ½ AVE TO NORTH TOWN LINE

LOC STR

BARRON COUNTY

STATE PROJECT NUMBER
8334-00-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8334-00-70	WISC 2016011	1



LAYOUT
SCALE 0 0.5 MI

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, BARRON COUNTY

TOTAL NET LENGTH OF CENTERLINE = 0.750 MI

ACCEPTED FOR
TOWN of TURTLE LAKE

6-6-15 Rudolf Blaschka Jr. Chair.
(Date) (Signature & Title of Official)

ORIGINAL PLANS PREPARED BY

SEH WISCONSIN VANCE P. POWERS E-36761 WAUSAU, WI PROFESSIONAL ENGINEER

6 JUNE 15 (Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	SEH
Designer	SEH
Management Consultant	KNIGHT E/A INC.
C.O. Examiner	

APPROVED FOR THE DEPARTMENT

DATE: 7/23/15 Ryan B McKane (Management Consultant Signature)

E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\010101_TI.DWG PLOT DATE : 5/11/2015 12:15 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME :

WISDOT/CADDS SHEET 10

STANDARD ABBREVIATIONS

ABU	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AECPRC	APRON ENDWALL FOR CULVERT PIPE
	REINFORCED CONCRETE
ASPH	ASPHALTIC
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCH MARK
BR	BRIDGE
CE	COMMERCIAL ENTRANCE
CL OR C/L OR ℄	CENTER LINE
	CENTRAL ANGLE OR DELTA
CONC	CONCRETE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CR	CREEK
CY	CUBIC YARD
C&G	CURB AND GUTTER
D	DEGREE OF CURVED
HV	DESIGN HOUR VOLUME
DISCH	DISCHARGE
DG	DITCH GRADE
DWY	DRIVEWAY
XEA	ST GRID COORDINATE
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
EOR	END POINT OF RADIUS
EL	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FC	FACE OF CURB
FF	FACE TO FACE
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FO	FIBER OPTIC
CWT	HUNDREDWEIGHT
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IP	IRON PIPE ON PIN
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MH	MANHOLE
MOR	MID POINT OF RADIUS
NC	NORMAL CROWN
NO	NUMBER
OBLIT	OBLITERATE
PAVT	PAVEMENT
PE	PRIVATE ENTRANCE
PVRC	POINT OF VERTICAL REVERSE CURVE
QOR	QUARTER POINT OF RADIUS
R	RADIUS
REQ'D	REQUIRED
RES	RESIDENCE OR RESIDENTIAL
LRHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RDWY	ROADWAY
R/L OR ℞	REFERENCE LINE
SALV	SALVAGED
SAN	SANITARY SEWER
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SE	SUPERELEVATION RATE
TC	TOP OF CURB
T OR TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
VAR	VARIABLE
VC	VERTICAL CURVE
YNORTH	GRID COORDINATE
YD	YARD

GENERAL NOTES

ELEVATIONS SHOWN ON THE PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

WHEN THE QUANTITY OF BASE AGGREGATE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS IS APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

THE EXACT LOCATION OF THE EROSION CONTROL DEVICES SHALL BE DETERMINED IN THE FIELD.

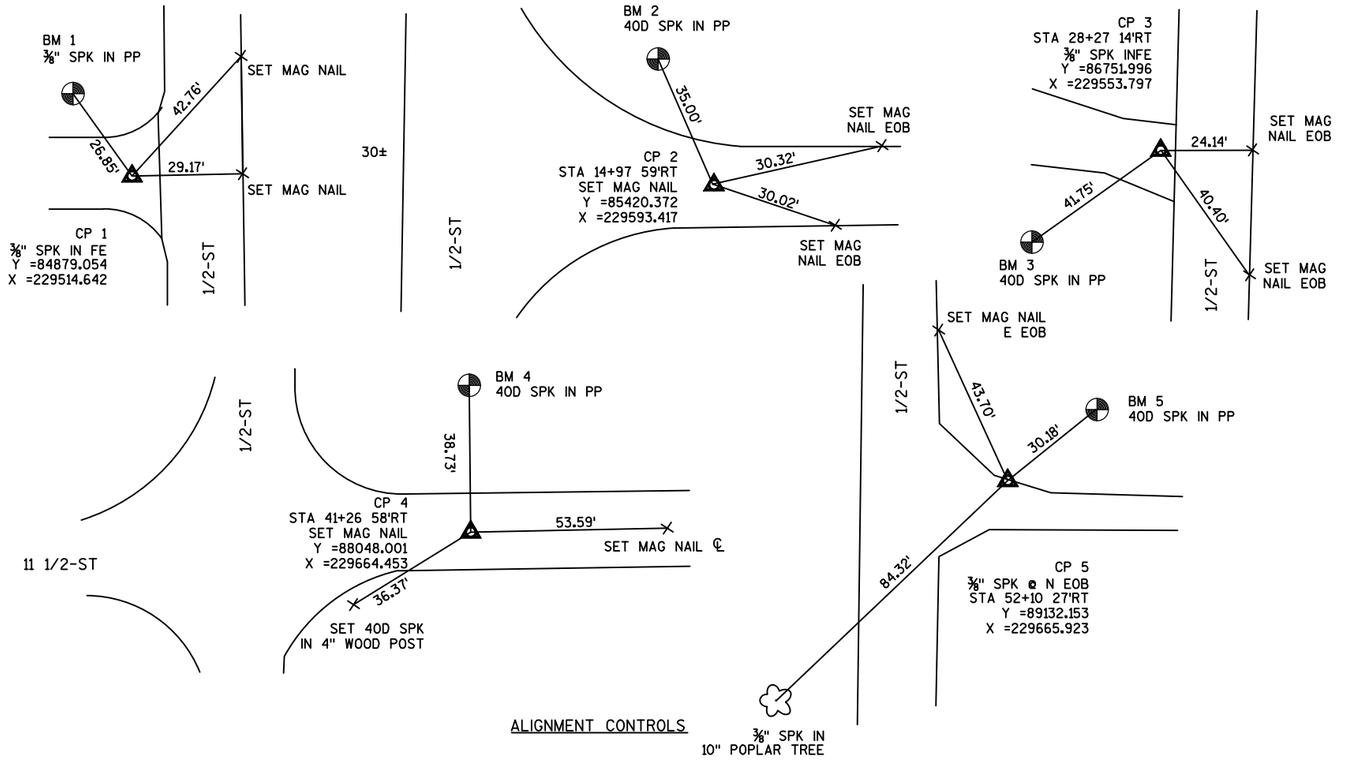
DISTURBED AREAS WITHIN THE RIGHT-OF-WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, ARE TO BE 4-INCH SALVAGED TOPSOILED, FERTILIZED, AND SEEDED, AND MULCHED.

ALL CURB AND GUTTER RADII, PAVEMENT DIMENSIONS AND STATIONS ARE SHOWN TO THE EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.

A VERTICAL SAWCUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS AND PAVEMENTS AT REMOVAL LIMITS.

EXCAVATION BELOW SUBGRADE (EBS) IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS BUT IS MEASURED AND PAID FOR AS COMMON EXCAVATION.

3.5-INCH HMA PAVEMENT CONSTRUCTED IN TWO 1.75-INCH LIFTS WITH 12.5-MM NOMINAL AGGREGATE SIZE AND PG58-28 BINDER.



ALIGNMENT CONTROLS

UTILITY CONTACTS

BARRON ELECTRIC COOPERATIVE
PO BOX 40
BARRON, WI 54812
TELEPHONE: 715.537.3171
ATTENTION: JEFF NELSON
EMAIL: JNELSON@BARRONELECTRIC.COM

CENTURYLINK
2426 75TH AVE
OSCEOLA, WI 54020
TELEPHONE: 715.294.2463
ATTENTION: MICHAEL VANDEN BOS
EMAIL: MIKE.VANDENBOS@CENTURYLINK.COM

NORTHWEST COMMUNICATIONS
116 HARRIMAN AVENUE
AMERY, WI 54001
TELEPHONE: 715.268.3379
ATTENTION: GREG CARDINAL
EMAIL: GREGCARDINAL@AMERYTEL.NET

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

NOTE: WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

**NOT A MEMBER OF DIGGERS HOTLINE

MUNICIPALITY CONTACT

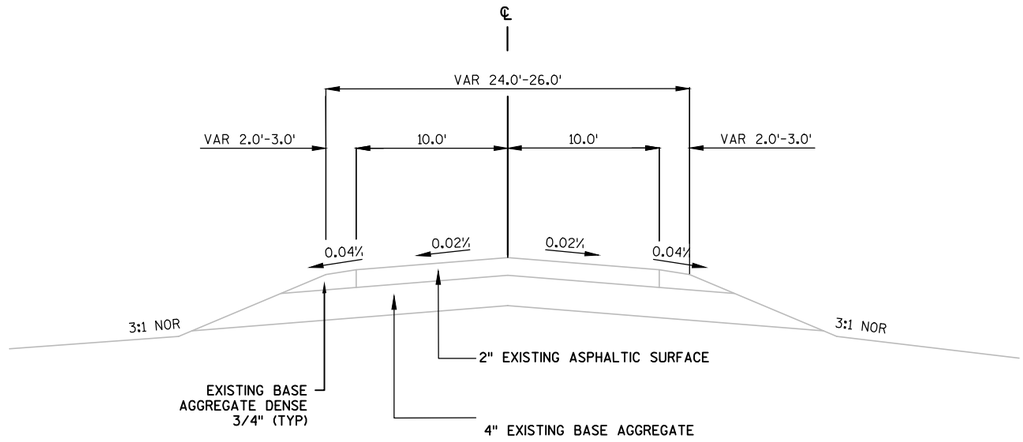
TOWN OF TURTLE LAKE
953 2½ STREET (CTH K)
CLAYTON, WI 54004
TELEPHONE: 715.948.2485
ATTENTION: RICHARD FICK
EMAIL: TURTLELAKETOWNSHIP@YAHOO.COM

DESIGN CONTACT

SEH
10 NORTH BRIDGE STREET
CHIPPEWA FALLS, WI 54729
TELEPHONE: 715.720.6267
ATTENTION: DAN GUSTAFSON
EMAIL: DGUSTAFSON@SEHINC.COM

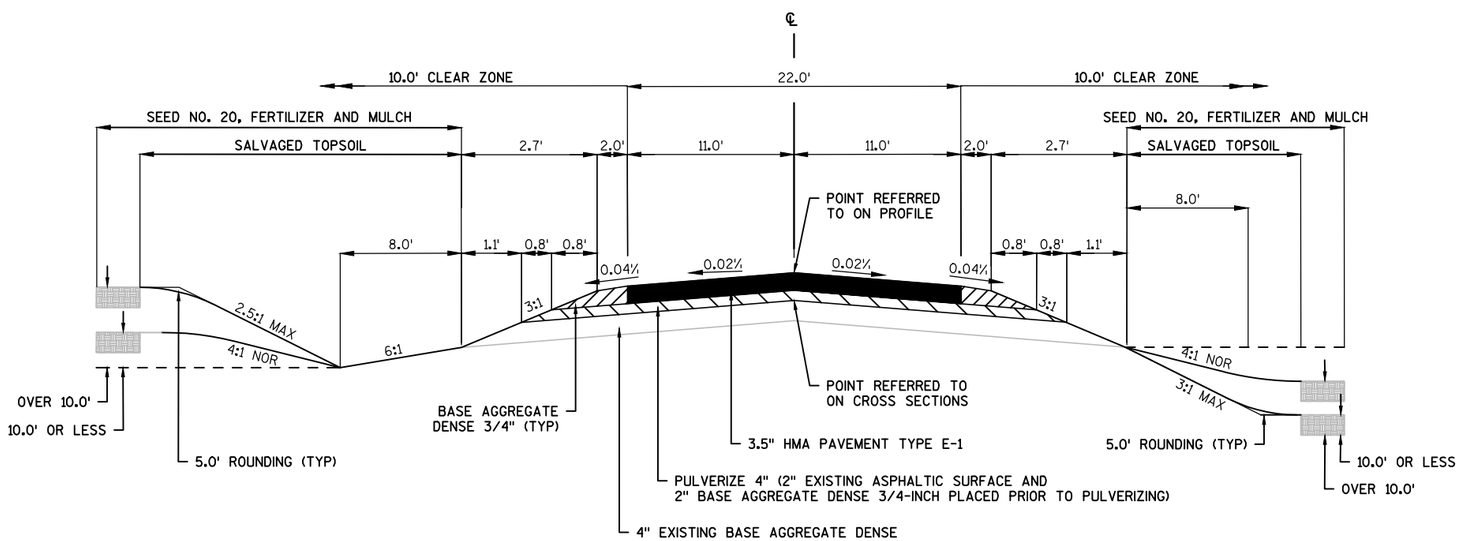
DNR CONTACT

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
810 WEST MAPLE STREET
SPOONER, WI 54801
TELEPHONE: 715.635.4229
ATTENTION: AMY CRONK
EMAIL: AMY.CRONK@WISCONSIN.GOV



TYPICAL EXISTING SECTION

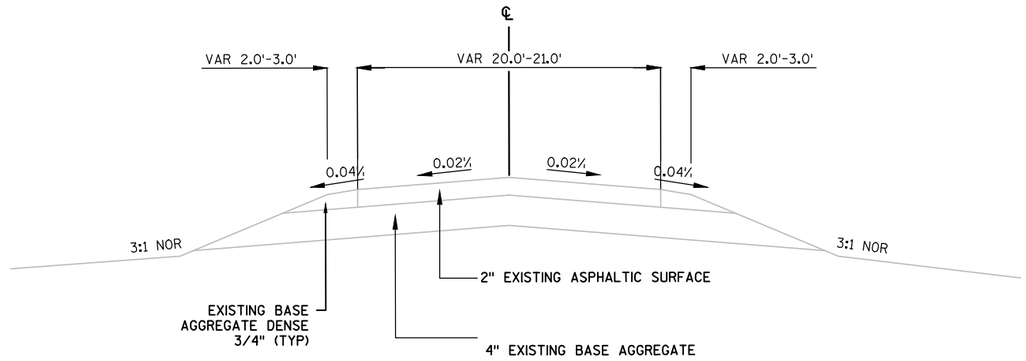
STA 12+00 TO STA 51+60



TYPICAL FINISHED RESURFACING SECTION

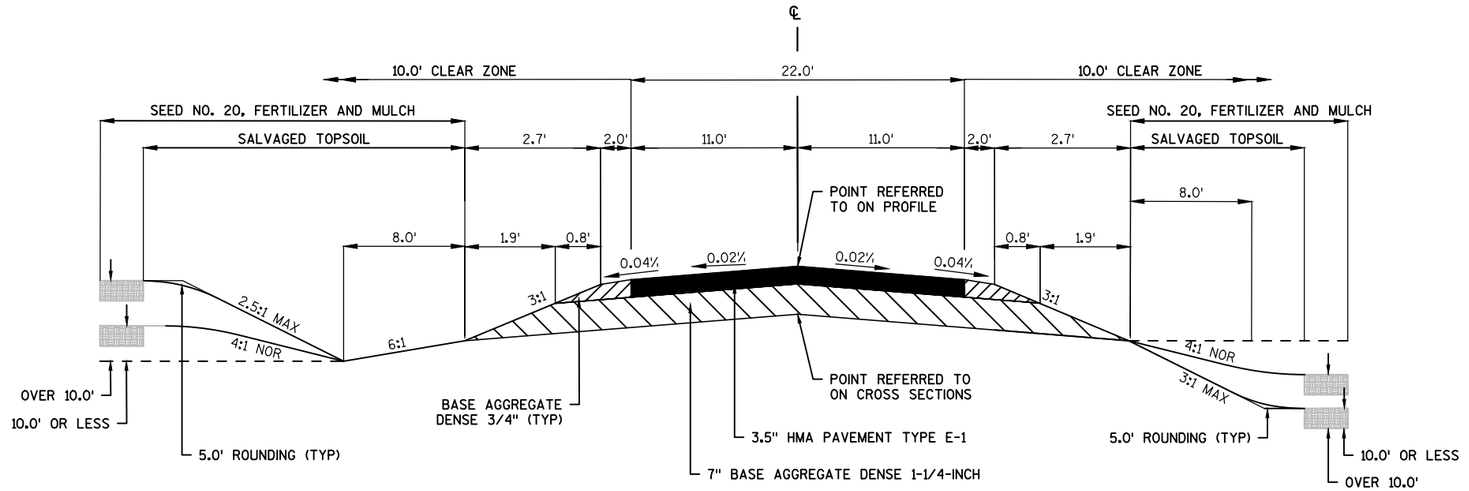
STA 12+00 TO STA 34+00
STA 42+00 TO STA 51+60

PROJECT NO: 8334-00-70	HWY: 1/2-STREET	COUNTY: BARRON	TYPICAL SECTION	SHEET 3	E



TYPICAL EXISTING SIDEROAD SECTION

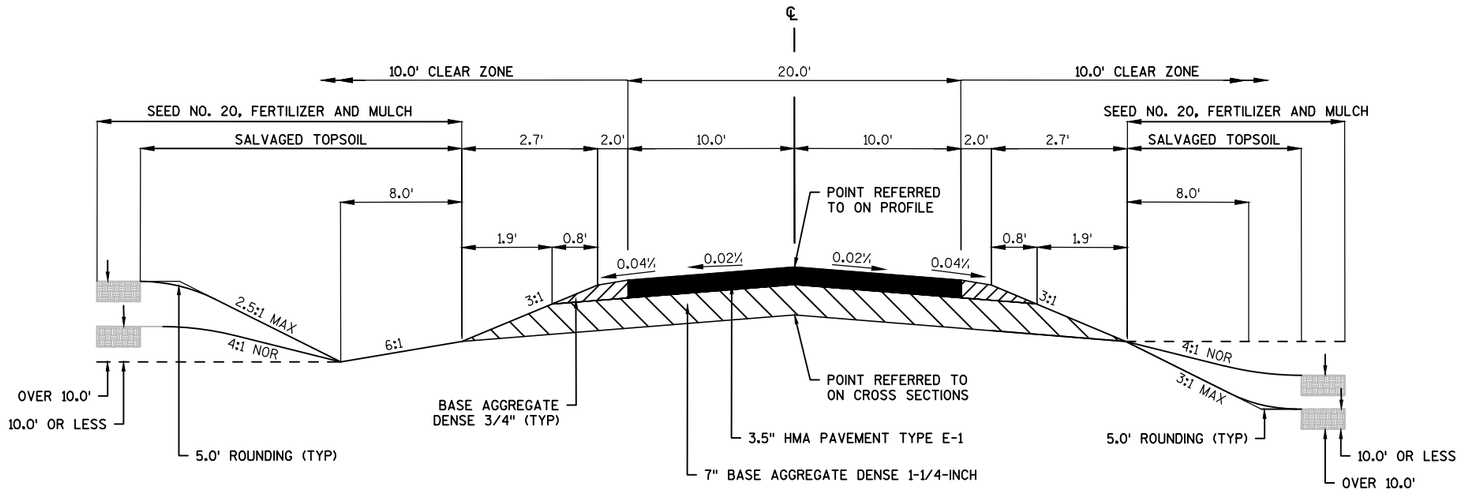
11TH AVE
11 1/2 AVE



TYPICAL FINISHED FULL RECONSTRUCT SECTION

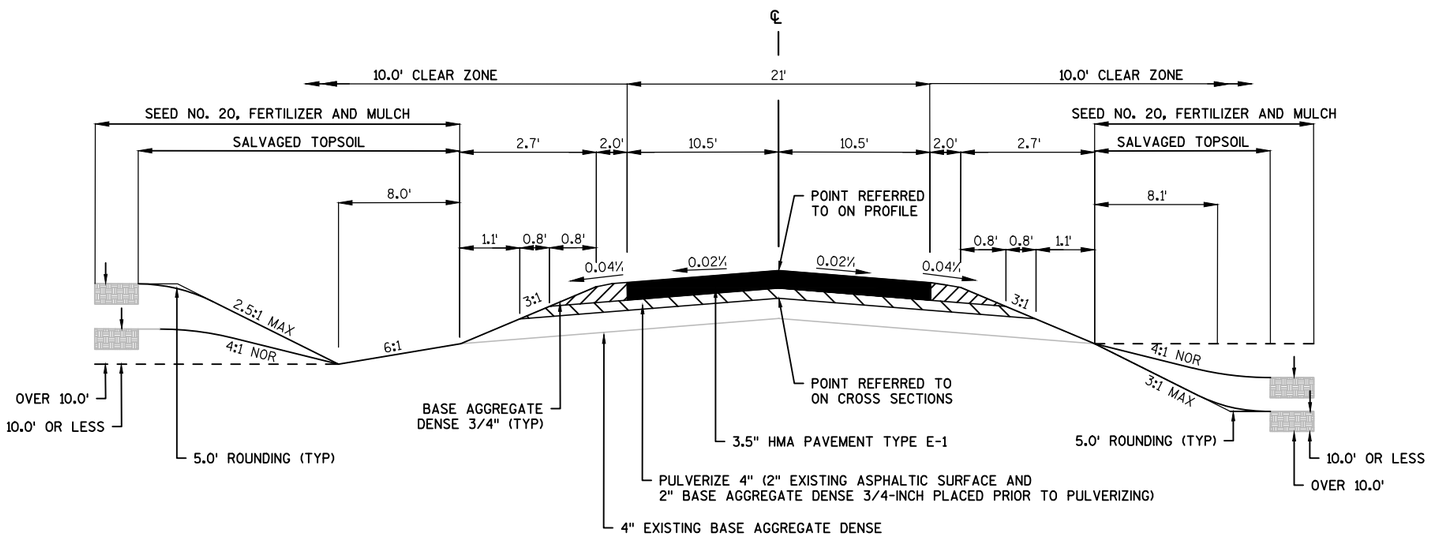
STA 34+00 TO STA 42+00

PROJECT NO: 8334-00-70	HWY: 1/2-STREET	COUNTY: BARRON	TYPICAL SECTION	SHEET 4	E



TYPICAL FINISHED FULL RECONSTRUCT SIDEROAD SECTION

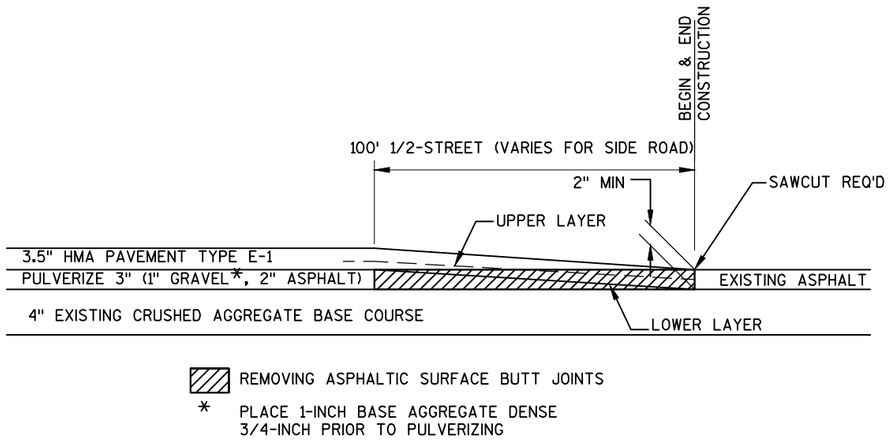
11 1/2 AVE



TYPICAL FINISHED RESURFACING SIDEROAD SECTION

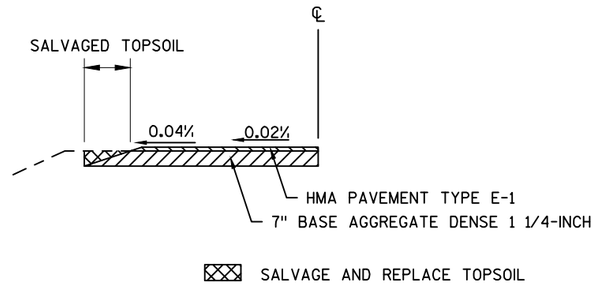
11TH AVE

PROJECT NO: 8334-00-70	HWY: 1/2-STREET	COUNTY: BARRON	TYPICAL SECTION	SHEET 5	E

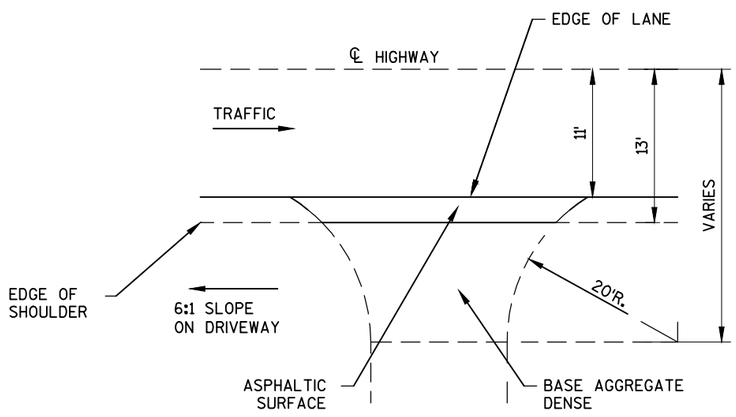


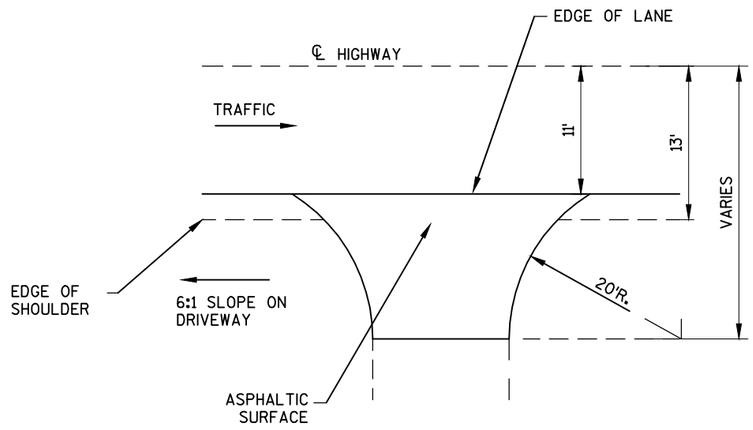
DETAIL OF BUTTED JOINT

STA 12+00
STA 51+60
11TH AVE
11 ½ AVE



SALVAGED TOPSOIL DETAIL





PROPOSED RURAL DRIVEWAY INTERSECTION DETAIL

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	DETAILS	SHEET 6	E

ALIGNMENT DATA 1/2 STREET

Tangent Data

Description	PT Station	Northing	Easting
Start:	10+00.000	84924.19	229533.14
End:	12+11.357	85135.54	229531.48

Tangent Data

Parameter	Value	Parameter	Value
Length:	211.36	Course:	N 00° 27' 06.5304" W

Tangent Data

Description	PT Station	Northing	Easting
Start:	12+11.357	85135.54	229531.48
End:	13+85.740	85309.92	229532.64

Tangent Data

Parameter	Value	Parameter	Value
Length:	174.38	Course:	N 00° 22' 55.7973" E

Curve Point Data

Description	Station	Northing	Easting
PC:	13+85.740	85309.92	229532.64
PI:	15+59.94	85484.11	229533.80
PT:	17+34.126	85658.26	229538.00

Circular Curve Data

Parameter	Value	Parameter	Value
Delta:	00° 59' 52.9786"	Type:	RIGHT
Radius:	20000.00		
Length:	348.39	Tangent:	174.20
Mid-Ord:	0.76	External:	0.76
Chord:	348.38	Course:	N 00° 52' 52.2866" E

Tangent Data

Description	PT Station	Northing	Easting
Start:	17+34.126	85658.26	229538.00
End:	19+12.417	85836.50	229542.29

Tangent Data

Parameter	Value	Parameter	Value
Length:	178.291	Course:	N 01° 22' 48.7758" E

Tangent Data

Description	PT Station	Northing	Easting
Start:	19+12.417	85836.50	229542.29
End:	30+12.416	86936.06	229573.18

Tangent Data

Parameter	Value	Parameter	Value
Length:	1100.00	Course:	N 01° 36' 32.2834" E

Tangent Data

Description	PT Station	Northing	Easting
Start:	30+12.416	86936.06	229573.18
End:	52+07.554	89130.25	229637.93

Tangent Data

Parameter	Value	Parameter	Value
Length:	2195.14	Course:	N 01° 41' 25.3932" E

ALIGNMENT DATA 11TH AVENUE

Tangent Data

Description	PT Station	Northing	Easting
Start:	100+00.000	85419.36	229533.67
End:	101+62.243	85420.41	229695.91

Tangent Data

Parameter	Value	Parameter	Value
Length:	162.24	Course:	N 89° 37' 48.2294" E

ALIGNMENT DATA 11 1/2 AVENUE LEFT

Tangent Data

Description	PT Station	Northing	Easting
Start:	198+56.830	88035.96	229462.80
End:	200+00.000	88042.31	229605.83

Tangent Data

Parameter	Value	Parameter	Value
Length:	143.17	Course:	N 87° 27' 32.1855" E

ALIGNMENT DATA 11 1/2 AVENUE RIGHT

Tangent Data

Description	PT Station	Northing	Easting
Start:	300+00.000	88047.36	229605.97
End:	301+38.784	88049.28	229744.75

Tangent Data

Parameter	Value	Parameter	Value
Length:	138.78	Course:	N 89° 12' 32.5662" E

DATE 03NOV15 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	8334-00-70 QUANTITY
0010	204.0110	Removing Asphaltic Surface	SY	142.000	142.000
0020	204.0115	Removing Asphaltic Surface Butt Joints	SY	703.000	703.000
0030	205.0100	Excavation Common	CY	666.000	666.000
0040	208.1100	Select Borrow	CY	50.000	50.000
0050	211.0100	Prepare Foundation for Asphaltic Paving (project) 01. 8334-00-70	LS	1.000	1.000
0060	213.0100	Finishing Roadway (project) 01. 8334-00-70	EACH	1.000	1.000
0070	305.0110	Base Aggregate Dense 3/4-Inch	TON	2,360.000	2,360.000
0080	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	1,230.000	1,230.000
0090	325.0100	Pulverize and Relay	SY	7,025.000	7,025.000
0100	440.4410	Incentive IRI Ride	DOL	6,000.000	6,000.000
0110	455.0105	Asphaltic Material PG58-28	TON	115.000	115.000
0120	455.0605	Tack Coat	GAL	630.000	630.000
0130	460.1101	HMA Pavement Type E-1	TON	2,060.000	2,060.000
0140	460.2000	Incentive Density HMA Pavement	DOL	1,320.000	1,320.000
0150	619.1000	Mobilization	EACH	1.000	1.000
0160	625.0500	Salvaged Topsoil	SY	5,353.000	5,353.000
0170	627.0200	Mulching	SY	7,552.000	7,552.000
0180	628.1504	Silt Fence	LF	2,100.000	2,100.000
0190	628.1520	Silt Fence Maintenance	LF	2,100.000	2,100.000
0200	628.1905	Mobilizations Erosion Control	EACH	1.000	1.000
0210	628.1910	Mobilizations Emergency Erosion Control	EACH	1.000	1.000
0220	628.2006	Erosion Mat Urban Class I Type A	SY	1,350.000	1,350.000
0230	629.0205	Fertilizer Type A	CWT	4.750	4.750
0240	630.0120	Seeding Mixture No. 20	LB	200.000	200.000
0250	630.0200	Seeding Temporary	LB	200.000	200.000
0260	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	6.000	6.000
0270	637.2210	Signs Type II Reflective H	SF	25.540	25.540
0280	637.2230	Signs Type II Reflective F	SF	6.250	6.250
0290	638.2102	Moving Signs Type II	EACH	4.000	4.000
0300	638.2602	Removing Signs Type II	EACH	6.000	6.000
0310	638.3000	Removing Small Sign Supports	EACH	6.000	6.000
0320	642.5001	Field Office Type B	EACH	1.000	1.000
0330	643.0100	Traffic Control (project) 01. 8334-00-70	EACH	1.000	1.000
0340	643.0300	Traffic Control Drums	DAY	564.000	564.000
0350	643.0420	Traffic Control Barricades Type III	DAY	564.000	564.000
0360	643.0705	Traffic Control Warning Lights Type A	DAY	1,128.000	1,128.000
0370	643.0900	Traffic Control Signs	DAY	711.000	711.000
0380	650.8000	Construction Staking Resurfacing Reference	LF	3,960.000	3,960.000
0390	650.9910	Construction Staking Supplemental Control (project) 01. 8334-00-70	LS	1.000	1.000
0400	650.9920	Construction Staking Slope Stakes	LF	3,960.000	3,960.000
0410	690.0150	Sawing Asphalt	LF	232.000	232.000

3

REMOVING ASPHALTIC SURFACE

STATION	LOCATION	204.0110 SY	204.0115 BUTT JOINTS SY
1/2 STREET			
12+00	LT & RT		223
51+60	LT & RT		223
DRIVEWAYS		142	
11TH AVENUE			
100+67			257
ITEM TOTAL		142	703

BASE AGGREGATE DENSE

STATION - STATION	LOCATION	305.0110 3/4-INCH TON	305.0120 1 1/4-INCH TON	*624.0100 WATER MGAL	REMARKS
1/2 STREET					
12+00 - 34+00	LT & RT	960		10	PLACE PRIOR TO PULVERIZING
12+00 - 34+00	LT & RT	255		3	SHOULDER WEDGING
12+00 - 34+00	LT & RT	305		3	FINISHED SHOULDER, INCLUDES DRIVEWAYS
34+00 - 42+00	LT & RT	210	1180	14	FULL RECONSTRUCT
42+00 - 51+60	LT & RT	385		4	PLACE PRIOR TO PULVERIZING
42+00 - 51+60	LT & RT	125		1	SHOULDER WEDGING
42+00 - 51+60	LT & RT	120		1	FINISHED SHOULDER, INCLUDES DRIVEWAYS
UNDISTRIBUTED			50	1	DRIVEWAY IMPROVEMENTS
ITEM TOTALS		2360	1230	37	

*ITEM LOCATED ELSEWHERE IN PLANS

EXCAVATION

STATION - STATION	LOCATION	205.0100 COMMON CY	AIR FILL CY	EXPAND. FILL CY	WASTE CY	208.1100 SELECT BORROW CY
1/2 STREET						
12+00 - 34+00	LT & RT	0	305	397	-397	0
34+00 - 42+00	LT & RT	616	71	93	523	0
42+00 - 51+60	LT & RT	0	89	115	-115	0
UNDISTRIBUTED	LT & RT	50	38	50	50	50
ITEM TOTALS		666	503	654	62	50

NOTES:
1) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN COMMON EXCAVATION.
2) FILL DOES NOT INCLUDE UNUSABLE PAVEMENT EXCAVATION VOLUME.
3) FILL WILL BE BACKFILLED WITH CUT OR BORROW.
4) POSITIVE BORROW INDICATES A SHORTAGE OF MATERIAL.
5) EXPANSION FACTOR = 1.3

PULVERIZE AND RELAY

STATION - STATION	LOCATION	325.0100 SY	*624.0100 WATER MGAL
1/2 STREET			
12+00 - 34+00	LT & RT	4890	25
42+00 - 51+60	LT & RT	2135	10
ITEM TOTAL		7025	35

*ITEM LOCATED ELSEWHERE IN PLANS

PREPARE FOUNDATION FOR ASPHALTIC PAVING (8334-00-70)

STATION - STATION	LOCATION	211.0100 LS
1/2 STREET		
12+00 - 51+60	LT & RT	1
ITEM TOTAL		1

ASPHALTIC PAVEMENT ITEMS

STATION - STATION	LOCATION	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0605 TACK COAT GAL	460.1101 HMA PAVEMENT TYPE E-1 TON	REMARKS
1/2 STREET					
12+00 - 51+60	LT & RT	115	630	2060	INCLUDES DRIVEWAYS
ITEM TOTALS		115	630	2060	

FINISHING ROADWAY (8334-00-70)

STATION - STATION	213.0100 EACH
1/2 STREET	
12+00 - 51+60	1
ITEM TOTAL	1

MOBILIZATION

STATION - STATION	619.1000 EACH
1/2 STREET	
12+00 - 51+60	1
ITEM TOTAL	1

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.

TOPSOIL, MULCHING AND SEEDING

STATION - STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	629.0205 FERTILIZER TYPE A CWT	630.0120 SEEDING MIXTURE NO. 20 LB	630.0200 SEEDING TEMPORARY LB
1/2 STREET						
12+00 - 51+60	LT & RT	5353	7552	4.75	200	200
ITEM TOTALS		5353	7552	4.75	200	200

FIELD OFFICE TYPE B

STATION - STATION	642.5001 EACH
1/2 STREET	
12+00 - 51+60	1
ITEM TOTAL	1

EROSION CONTROL ITEMS

STATION - STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.2006 EROSION MAT URBAN CLASS I TYPE A SY
1/2 STREET				
16+25 - 17+25	LT & RT	200	200	
35+00 - 37+00	LT & RT	400	400	
45+50 - 47+00	LT & RT	300	300	
UNDISTRIBUTED		1200	1200	1350
ITEM TOTALS		2100	2100	1350

TRAFFIC CONTROL

STATION - STATION	643.0100 PROJECT 8334-00-70 EACH	643.0300 DRUMS DAY	643.0420 BARRICADES TYPE III DAY	643.0705 WARNING LIGHTS TYPE A DAY	643.0900 SIGNS DAY
1/2 STREET					
12+00 - 51+60	1	564	564	1128	711
ITEM TOTAL	1	564	564	1128	711

MOBILIZATIONS EROSION CONTROL

STATION - STATION	628.1905 EROSION CONTROL EACH	628.1910 EMERGENCY EROSION CONTROL EACH
1/2 STREET		
12+00 - 51+60	1	1
ITEM TOTALS	1	1

SAWING ASPHALT

STATION - STATION	LOCATION	690.0150 LF
1/2 STREET		
12+00	LT & RT	20
51+60	LT & RT	20
DRIVEWAYS	LT & RT	131
11TH AVENUE		
100+67	LT & RT	21
11 1/2 AVENUE		
199+45	LT & RT	20
300+53	LT & RT	20
ITEM TOTAL		232

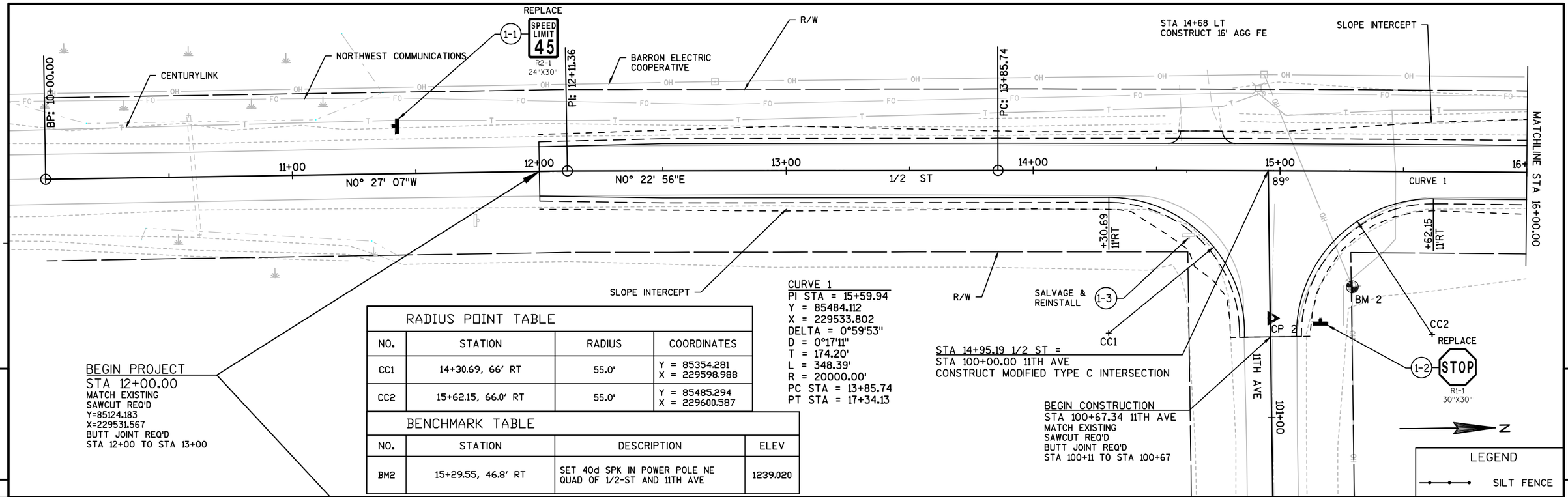
PERMANENT SIGNING

SIGN GROUP CODE	SIGN CODE	MESSAGE	TYPE II SIZE	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	634.0614 POSTS WOOD 4X6-INCH 14-FT EACH	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	REMARKS
1-1	R2-1	SPEED LIMIT 45	24" X 30"	5.00		1		1	1	REPLACE
1-2	R1-1	STOP	30" X 30"	5.18		1		1	1	REPLACE
1-3							1			SALVAGE & REPLACE
2-1	R2-1	SPEED LIMIT 45	24" X 30"	5.00		1		1	1	REPLACE
6-1	R1-1	STOP	30" X 30"	5.18		1		1	1	REPLACE
6-2	R1-1	STOP	30" X 30"	5.18		1		1	1	REPLACE
6-3	R2-1	SPEED LIMIT 45	24" X 30"	5.00		1		1	1	REPLACE
6-4							1			SALVAGE & REPLACE
6-5							1			SALVAGE & REPLACE
7-1	W1-2L	LEFT CURVE	30" X 30"		6.25	1	1	1	1	REPLACE
ITEM TOTALS				25.54	6.25	6	4	6	6	

CONSTRUCTION STAKING

STATION - STATION	LOCATION	650.8000 RESURFACING REFERENCE LF	650.9910 SUPPLEMENTAL CONTROL (8334-00-70) LS	650.9920 SLOPE STAKES LF
1/2 STREET				
12+00 - 51+60	LT & RT	3960	1	3960
ITEM TOTALS		3960	1	3960

NOTE: ALL ITEMS AND QUANTITIES ON THIS SHEET ARE FOR ENGINEER ESTIMATE CATEGORY 0010, UNLESS OTHERWISE NOTED.



BEGIN PROJECT
STA 12+00.00
MATCH EXISTING
SAWCUT REQ'D
Y=85124.183
X=229531.567
BUTT JOINT REQ'D
STA 12+00 TO STA 13+00

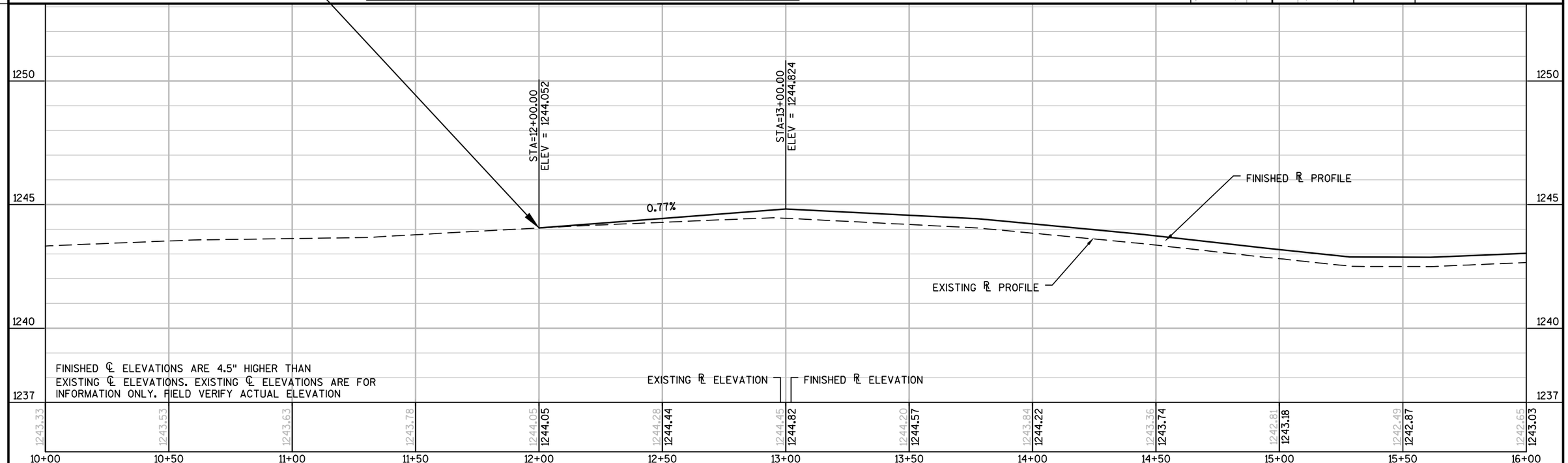
RADIUS POINT TABLE			
NO.	STATION	RADIUS	COORDINATES
CC1	14+30.69, 66' RT	55.0'	Y = 85354.281 X = 229598.988
CC2	15+62.15, 66.0' RT	55.0'	Y = 85485.294 X = 229600.587

BENCHMARK TABLE			
NO.	STATION	DESCRIPTION	ELEV
BM2	15+29.55, 46.8' RT	SET 40d SPK IN POWER POLE NE QUAD OF 1/2-ST AND 11TH AVE	1239.020

CURVE 1
PI STA = 15+59.94
Y = 85484.112
X = 229533.802
DELTA = 0°59'53"
D = 0°17'11"
T = 174.20'
L = 348.39'
R = 20000.00'
PC STA = 13+85.74
PT STA = 17+34.13

STA 14+95.19 1/2 ST =
STA 100+00.00 11TH AVE
CONSTRUCT MODIFIED TYPE C INTERSECTION

BEGIN CONSTRUCTION
STA 100+67.34 11TH AVE
MATCH EXISTING
SAWCUT REQ'D
BUTT JOINT REQ'D
STA 100+11 TO STA 100+67



PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	PLAN AND PROFILE: 1/2 STREET	SHEET 11	E

STA 16+64
EXISTING 18" CMCP TO BE REMOVED (BY OTHERS)
1-18"x54' CMCP REQ'D (BY OTHERS)
2-18" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1238.42
LOWER INVERT ELEVATION: 1236.84

N

NORTHWEST COMMUNICATIONS
CENTURYLINK
BARRON ELECTRIC COOPERATIVE
R/W
SLOPE INTERCEPT
PT: 17+34.13
PI: 19+12.42
MATCHLINE STA 16+00.00
MATCHLINE STA 22+00.00
00
17+00
18+00
19+00
20+00
21+00
22+
N1° 22' 49"E
1/2 ST
SLOPE INTERCEPT
R/W
REPLACE
SPEED LIMIT 45
R2-1
24"X30"
2-1

STA 18+54 RT
CONSTRUCT 13' ASPH PE
EXISTING 15" CMCP TO BE REMOVED (BY OTHERS)
1-15"x26' CMCP REQ'D (BY OTHERS)
2-15" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1244.89
LOWER INVERT ELEVATION: 1243.78

STA 20+80 RT
CONSTRUCT 18' ASPH PE

LEGEND
SILT FENCE

1255
1250
1245
1240

FINISHED ℄ PROFILE
EXISTING ℄ PROFILE

FINISHED ℄ ELEVATIONS ARE 4.5" HIGHER THAN EXISTING ℄ ELEVATIONS. EXISTING ℄ ELEVATIONS ARE FOR INFORMATION ONLY. FIELD VERIFY ACTUAL ELEVATION

EXISTING ℄ ELEVATION
FINISHED ℄ ELEVATION

16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+50	20+00	20+50	21+00	21+50	22+00
1242.65	1243.01	1243.67	1244.48	1245.42	1246.60	1247.70	1248.66	1249.44	1250.20	1250.82	1251.06	1251.07
1243.03	1243.38	1244.04	1244.86	1245.80	1246.98	1248.07	1249.02	1249.81	1250.57	1251.20	1251.44	1251.45

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	PLAN AND PROFILE: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\050101_PP.DWG
PLOT DATE : 7/16/2015 4:25 PM
PLOT BY : JUSTIN SHAVLIK
PLOT NAME :
PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

STA 24+43
EXISTING 18" CMCP TO BE REMOVED (BY OTHERS)
1-18"x46' CMCP REQ'D (BY OTHERS)
2-18" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1244.94
LOWER INVERT ELEVATION: 1244.93

N

STA 22+11 LT
CONSTRUCT 17' AGG PE

NORTHWEST COMMUNICATIONS
CENTURYLINK
BARRON ELECTRIC COOPERATIVE
SLOPE INTERCEPT
R/W

MATCHLINE STA 22+00.00

23+00 24+00 25+00 26+00 27+00 28+

N1° 36' 32"E
1/2 ST

MATCHLINE STA 28+00.00

SLOPE INTERCEPT
R/W

STA 22+07 RT
CONSTRUCT 21' AGG PE

STA 24+09 RT
CONSTRUCT 18' AGG PE

LEGEND
SILT FENCE

FINISHED ℄ PROFILE
EXISTING ℄ PROFILE

FINISHED ℄ ELEVATIONS ARE 4.5" HIGHER THAN EXISTING ℄ ELEVATIONS. EXISTING ℄ ELEVATIONS ARE FOR INFORMATION ONLY. FIELD VERIFY ACTUAL ELEVATION

EXISTING ℄ ELEVATION
FINISHED ℄ ELEVATION

22+00	22+50	23+00	23+50	24+00	24+50	25+00	25+50	26+00	26+50	27+00	27+50	28+00
1251.07	1251.45	1250.71	1251.08	1249.97	1250.35	1249.53	1249.90	1249.18	1249.57	1249.03	1249.40	1249.26	1249.63	1249.57	1249.95	1249.99	1250.37	1250.48	1250.85	1251.00	1251.37	1251.65	1252.03	1252.35	1252.73

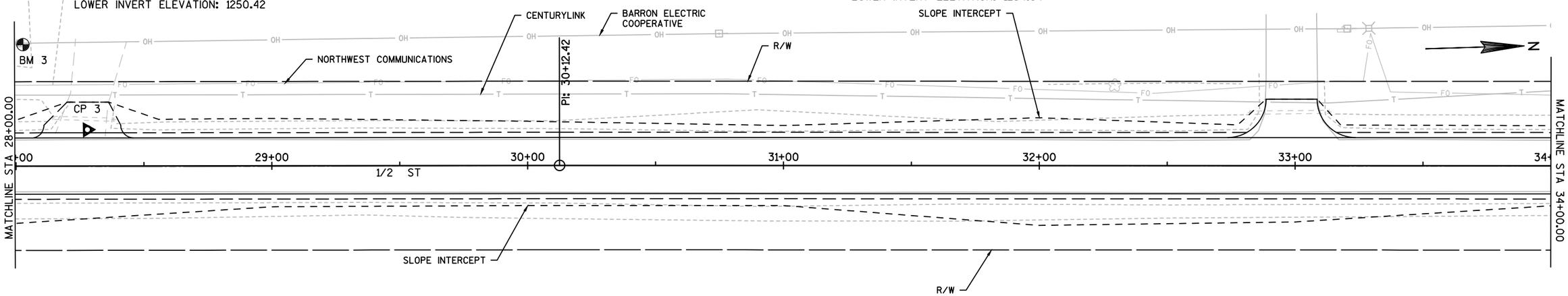
PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	PLAN AND PROFILE: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\050101_PP.DWG PLOT DATE : 7/16/2015 4:25 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

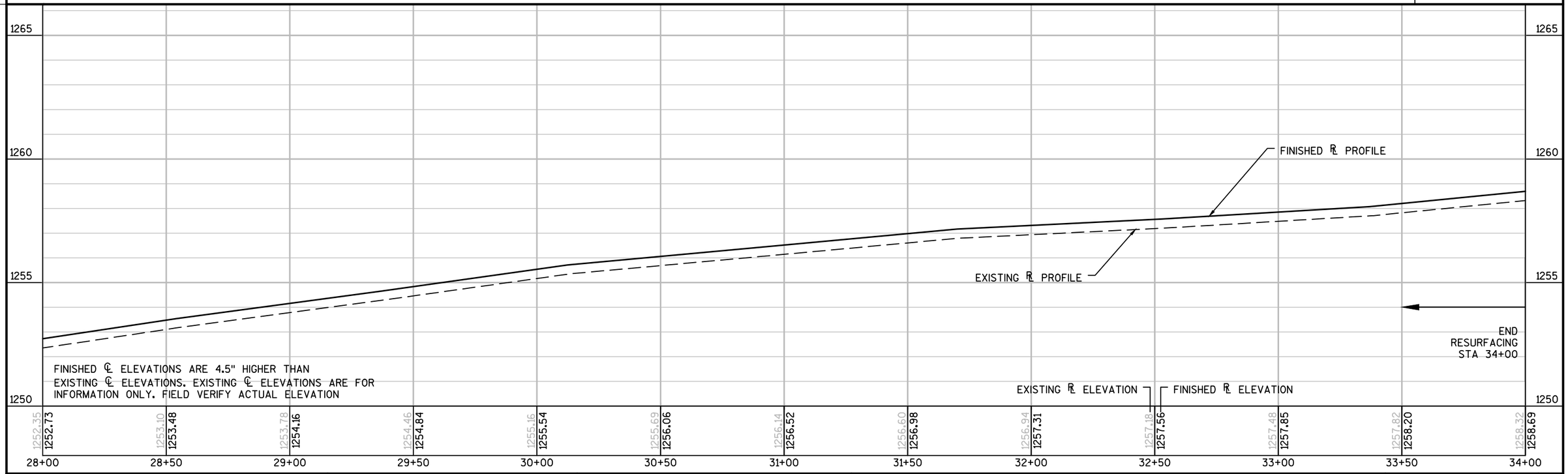
STA 28+26 LT
CONSTRUCT 30' AGG FE
1-15"x30' CMCP REQ'D (BY OTHERS)
2-15" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1250.80
LOWER INVERT ELEVATION: 1250.42

STA 32+99 LT
CONSTRUCT 30' ASPH PE
EXISTING 15" CMCP TO BE REMOVED (BY OTHERS)
1-15"x31' CMCP REQ'D (BY OTHERS)
2-15" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1254.94
LOWER INVERT ELEVATION: 1254.84

BENCHMARK TABLE			
NO.	STATION	DESCRIPTION	ELEV
BM3	28+02.73, 47.5' LT	SET 40d SKP IN POWER POLE ON WEST SIDE OF 1/2-ST	1256.917



LEGEND
SILT FENCE



PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	PLAN AND PROFILE: 1/2 STREET	SHEET 14	E

STA 36+00
EXISTING 18" CMCP TO BE REMOVED (BY OTHERS)
1-18"x46' CMCP REQ'D (BY OTHERS)
2-18" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1255.61
LOWER INVERT ELEVATION: 1255.24

N

BARRON ELECTRIC COOPERATIVE

REPLACE SPEED LIMIT 45 R2-1 24"X30"

5-1

SLOPE INTERCEPT

NORTHWEST COMMUNICATIONS

CENTURYLINK

R/W

MATCHLINE STA 34+00.00

35+00 36+00 37+00 38+00 39+00 40+00

1/2 ST

N1° 41' 25"E

MATCHLINE STA 40+00.00

SLOPE INTERCEPT

R/W

STA 34+40 RT
CONSTRUCT 26' AGG FE

STA 37+85 RT
CONSTRUCT 15' AGG PE

LEGEND
SILT FENCE

5

5

1265
1260
1255
1250

STA 34+00.00
EL 1258.69

0.78%

VPC STA 35+75.00
VPC EL 1260.05

VPI STA 37+50.00
VPI EL 1261.41

VCL = 190.00
K = 126.19

FINISHED ℄ PROFILE

VPT STA 39+25.00
VPT EL 1257.47

-2.25%

EXISTING ℄ PROFILE

VPC STA 39+25.00
VPC EL 1257.47

BEGIN FULL
RECONSTRUCT
STA 34+00

VCL = 350.00
K = 115.72

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

34+00	34+50	35+00	35+50	36+00	36+50	37+00	37+50	38+00	38+50	39+00	39+50	40+00
1258.32	1258.81	1259.31	1259.76	1260.15	1260.43	1260.58	1260.62	1259.93	1259.06	1257.75	1256.53	1255.45
1258.69	1259.08	1259.47	1259.86	1260.22	1260.39	1260.35	1260.08	1259.61	1258.92	1258.01	1256.94	1256.01

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	PLAN AND PROFILE: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\050101_PP.DWG PLOT DATE : 7/16/2015 4:26 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

REPLACE STOP 6-1 R1-1 30"X30"

BEGIN CONSTRUCTION
STA 199+45.16 11 1/2 AVE
MATCH EXISTING
SAWCUT REQ'D

STA 42+48 LT
CONSTRUCT 20' ASPH PE
MATCH EXISTING CONCRETE P.E

STA 41+93
EXISTING 15" CMCP TO BE REMOVED (BY OTHERS)
1-15"x40' CMCP REQ'D (BY OTHERS)
2-15" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1250.62
LOWER INVERT ELEVATION: 1250.56

N

6-5 SALVAGE & REINSTALL

BARRON ELECTRIC COOPERATIVE

SALVAGE & REINSTALL 6-4

+70.15 11' RT

+65.23 11' RT

SLOPE INTERCEPT

NORTHWEST COMMUNICATIONS

R/W

MATCHLINE STA 40+00.00

00 41+00 86° 42+00 43+00 44+00 45+00 46+

1/2 ST

MATCHLINE STA 46+00.00

88°

+76.36 11' RT

+76.46 11' RT

STA 41+19.14 1/2 ST =
STA 200+00 11 1/2 AVE
CONSTRUCT MODIFIED TYPE C INTERSECTION

STA 41+24.20 1/2 ST =
STA 300+00 11 1/2 AVE
CONSTRUCT MODIFIED TYPE C INTERSECTION

SLOPE INTERCEPT

R/W

REPLACE STOP 6-2 R1-1 30"X30"

BM 4

CP 4

REPLACE SPEED LIMIT 45 6-3 R2-1 24"X30"

CENTURYLINK

11 1/2 AVE

301

END CONSTRUCTION
STA 300+53.21 11 1/2 AVE
MATCH EXISTING
SAWCUT REQ'D

SEE FINAL PP SHEET FOR
RADIUS POINT TABLE

LEGEND
SILT FENCE

BENCHMARK TABLE

NO.	STATION	DESCRIPTION	ELEV
BM4	41+65.23, 56.9' RT	SET 40d SKP IN POWER POLE NE QUAD OF 1/2-ST AND 11 1/2-AVE	1252.355

1260 1255 1250 1245

VCL = 190.00
K = 126.19

STA=42+00.00
ELEV = 1253.998

VPI STA 40+20.00
VPI EL 1255.34

VPT STA 39+25.00
VPC EL 1257.47

-0.74%

FINISHED ℄ PROFILE

EXISTING ℄ PROFILE

END FULL RECONSTRUCT STA 42+00

BEGIN RESURFACING STA 42+00

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

FINISHED ℄ ELEVATIONS ARE 4.5" HIGHER THAN EXISTING ℄ ELEVATIONS. EXISTING ℄ ELEVATIONS ARE FOR INFORMATION ONLY. FIELD VERIFY ACTUAL ELEVATION

1255.45	1256.01	1254.77	1255.28	1254.30	1254.75	1253.95	1254.37	1253.62	1254.00	1253.10	1253.48	1252.50	1252.87	1251.87	1252.25	1251.23	1251.60	1250.72	1251.10	1250.24	1250.62	1249.83	1250.21	1249.49	1249.86
40+00		40+50		41+00		41+50		42+00		42+50		43+00		43+50		44+00		44+50		45+00		45+50		46+00	

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	PLAN AND PROFILE: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\050101_PP.DWG
PLOT DATE : 7/16/2015 4:26 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

STA 46+21
EXISTING 15" CMCP TO BE REMOVED (BY OTHERS)
1-15"x43' CMCP REQ'D (BY OTHERS)
2-15" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1246.07
LOWER INVERT ELEVATION: 1245.82

N

NORTHWEST COMMUNICATIONS

R/W

SLOPE INTERCEPT

EP: 52+07.55

MATCHLINE STA 46+00.00

00 47+00 48+00 49+00 50+00 51+00 52+00

1/2 ST

SLOPE INTERCEPT

R/W

REPLACE

W1-2L
30"X30"

7-1

CENTURYLINK

BARRON ELECTRIC
COOPERATIVE

END PROJECT
STA 51+60.00

MATCH EXISTING
SAWCUT REQ'D
Y=89082.754
X=229636.530

LEGEND
SILT FENCE

STA=50+60.00
ELEV = 1247.664

STA=51+60.00
ELEV = 1247.168

FINISHED ℄ PROFILE

-0.5%

EXISTING ℄ PROFILE

FINISHED ℄ ELEVATIONS ARE 4.5" HIGHER THAN
EXISTING ℄ ELEVATIONS. EXISTING ℄ ELEVATIONS ARE FOR
INFORMATION ONLY. FIELD VERIFY ACTUAL ELEVATION

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

1255
1250
1245
1240

1249.49	1249.18	1248.92	1248.66	1248.32	1247.98	1247.65	1247.47	1247.36	1247.30	1247.24	1247.18	1247.10
1249.86	1249.56	1249.30	1249.03	1248.69	1248.36	1248.03	1247.84	1247.73	1247.68	1247.47	1247.22	

46+00 46+50 47+00 47+50 48+00 48+50 49+00 49+50 50+00 50+50 51+00 51+50 52+00

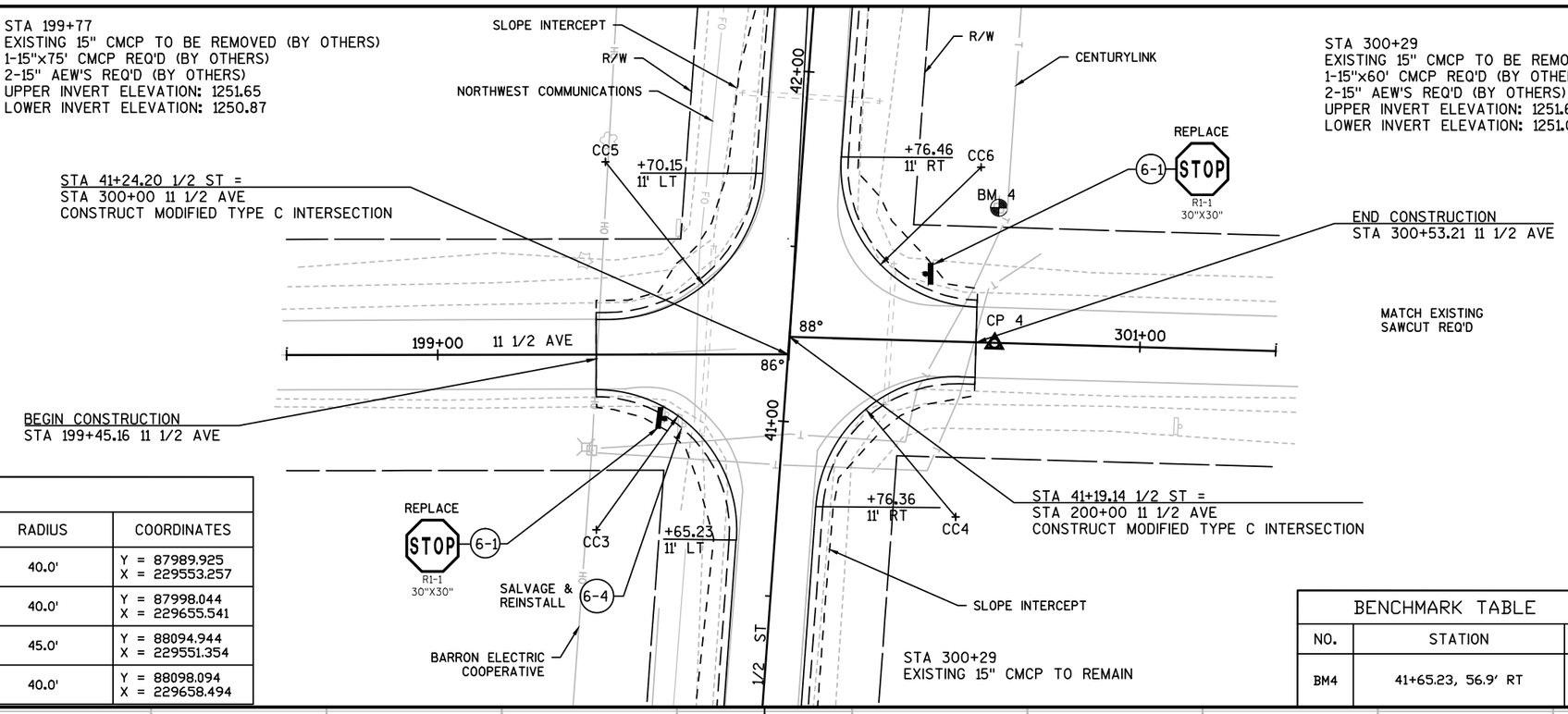
PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	PLAN AND PROFILE: 1/2 STREET	SHEET 17	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\050101_PP.DWG PLOT DATE : 7/16/2015 4:26 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 44

STA 199+77
EXISTING 15" CMCP TO BE REMOVED (BY OTHERS)
1-15"x75' CMCP REQ'D (BY OTHERS)
2-15" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1251.65
LOWER INVERT ELEVATION: 1250.87

STA 300+29
EXISTING 15" CMCP TO BE REMOVED (BY OTHERS)
1-15"x60' CMCP REQ'D (BY OTHERS)
2-15" AEW'S REQ'D (BY OTHERS)
UPPER INVERT ELEVATION: 1251.64
LOWER INVERT ELEVATION: 1251.03



N

LEGEND

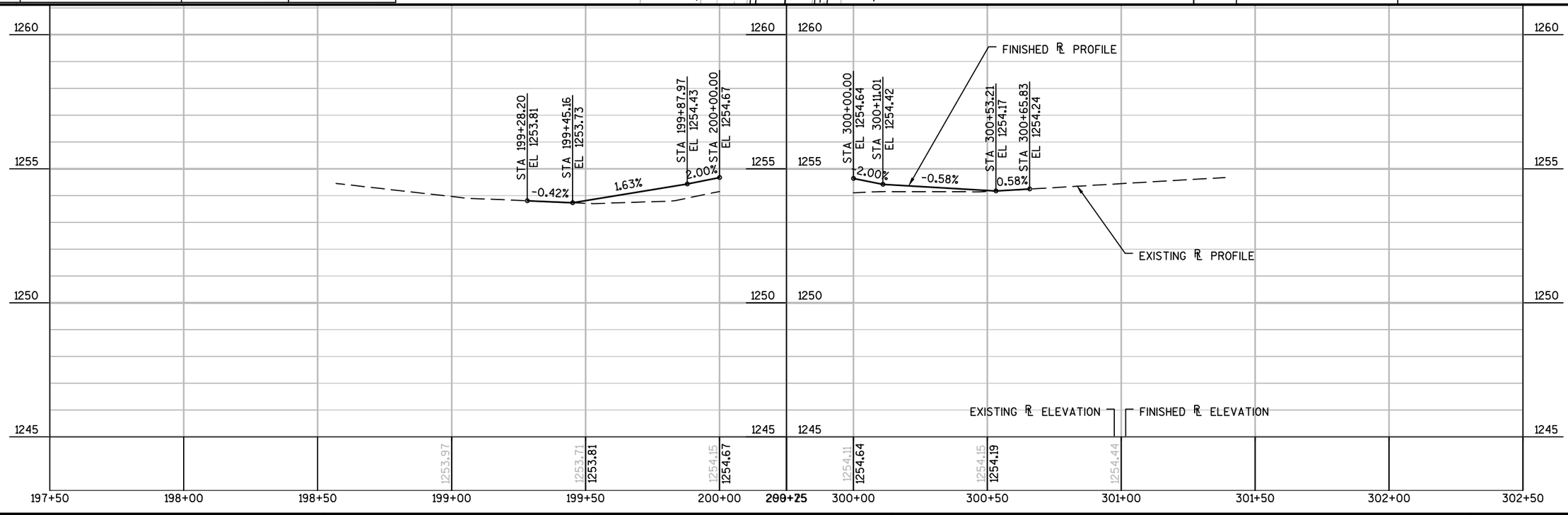
SILT FENCE

RADIUS POINT TABLE

NO.	STATION	RADIUS	COORDINATES
CC3	40+65.23, 51.0' LT	40.0'	Y = 87989.925 X = 229553.257
CC4	40+76.36, 51.0' RT	40.0'	Y = 87998.044 X = 229655.541
CC5	41+70.15, 56' LT	45.0'	Y = 88094.944 X = 229551.354
CC6	41+76.46, 51' RT	40.0'	Y = 88098.094 X = 229658.494

BENCHMARK TABLE

NO.	STATION	DESCRIPTION	ELEV
BM4	41+65.23, 56.9' RT	SET 40d SKP IN POWER POLE NE QUAD OF 1/2-ST AND 11 1/2-AVE	1252.355



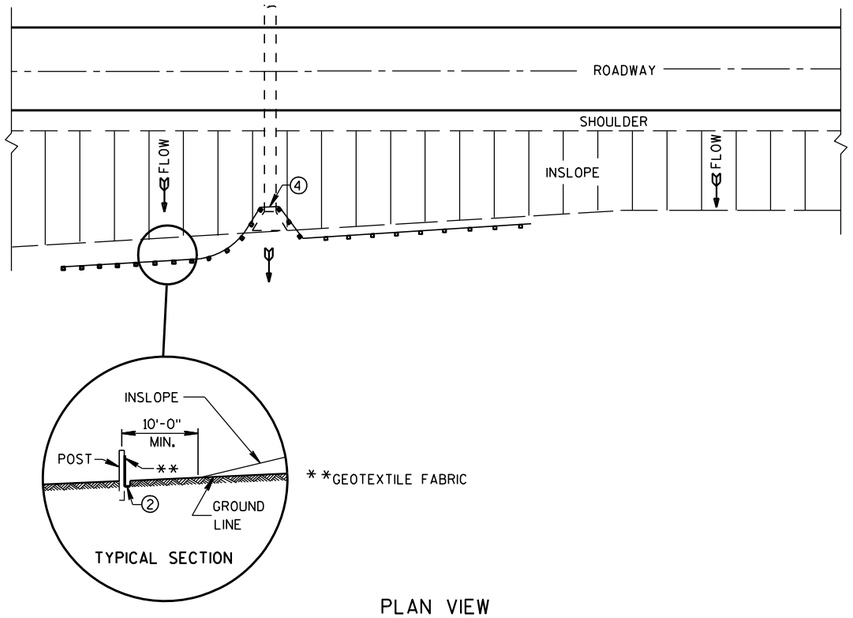
PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	PLAN AND PROFILE: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\050101_PP.DWG
PLOT DATE : 7/16/2015 4:26 PM
PLOT BY : JUSTIN SHAVLIK
PLOT NAME :
PLOT SCALE : 1:40_XREF
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

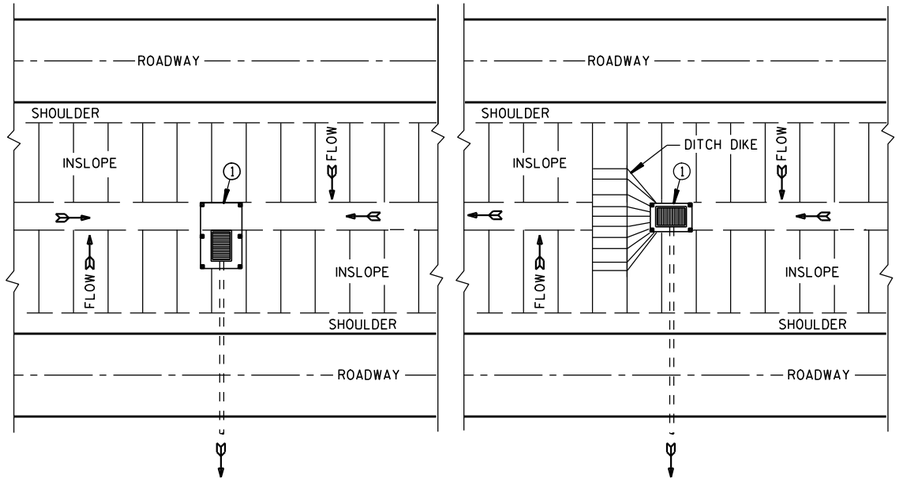
08E09-06	SILT FENCE
09A01-13A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

6



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



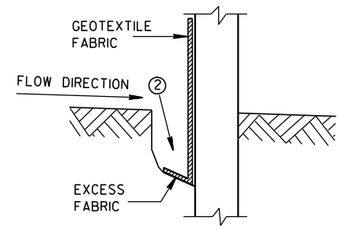
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

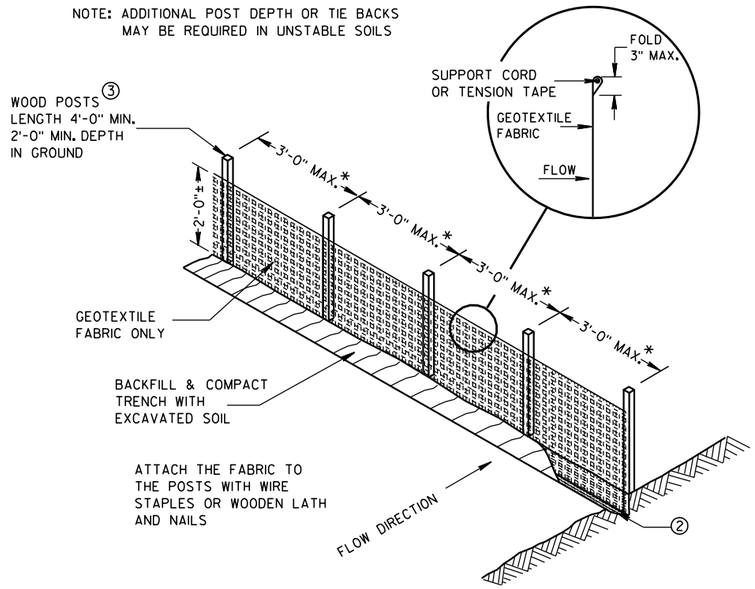
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

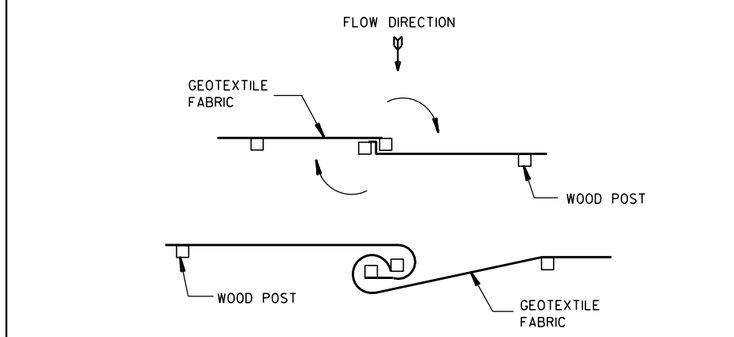
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



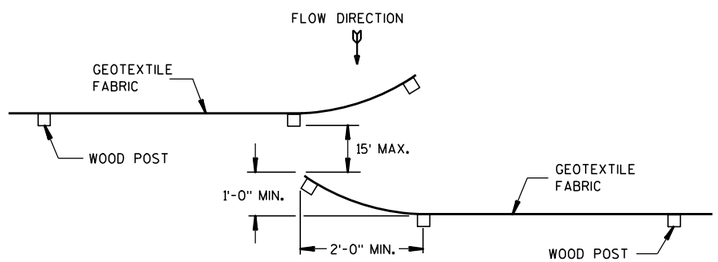
TRENCH DETAIL



SILT FENCE

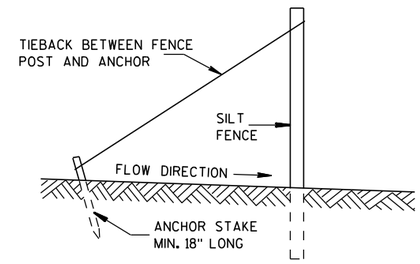


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 9-6

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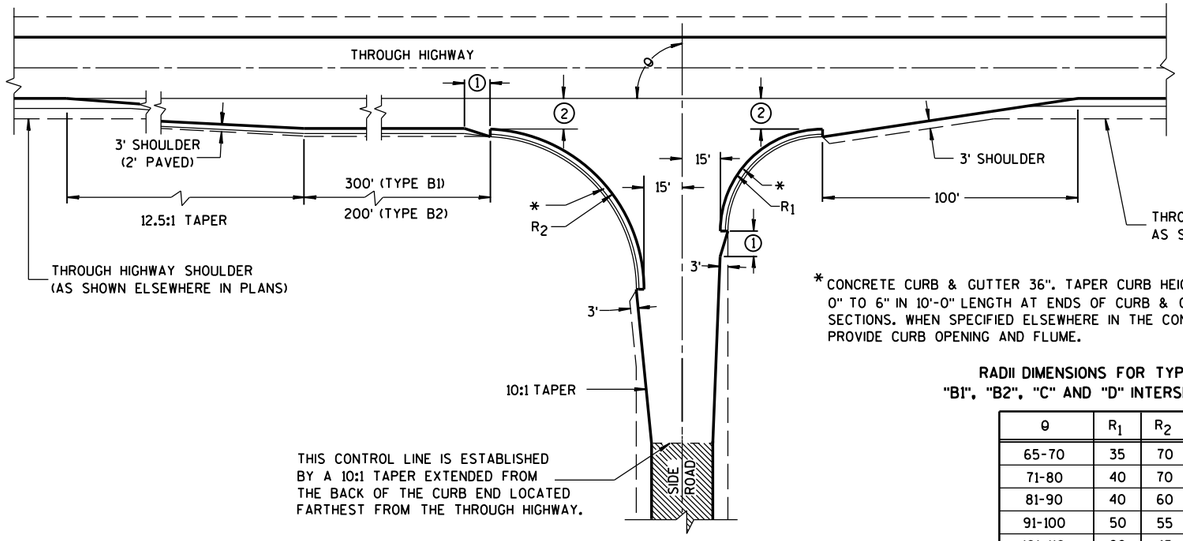
S.D.D. 8 E 9-6

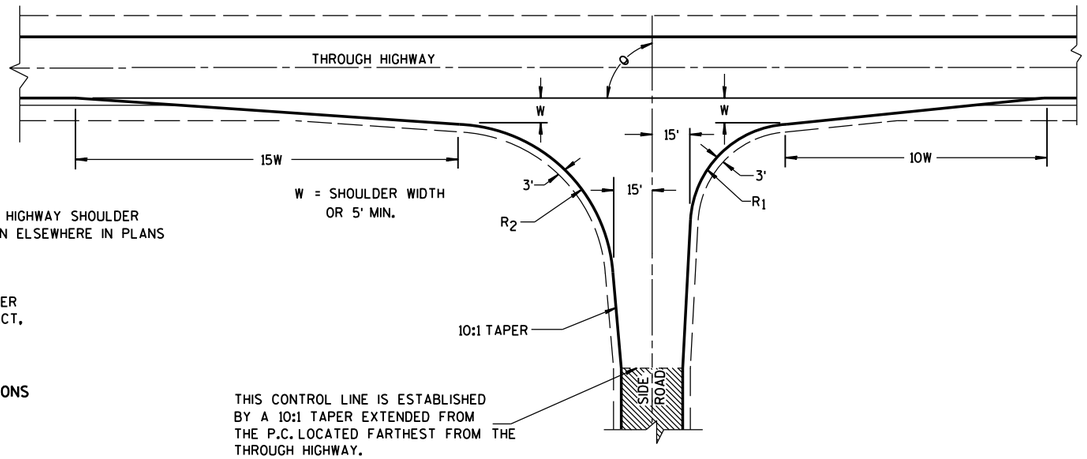


TYPE "B1" AND "B2"

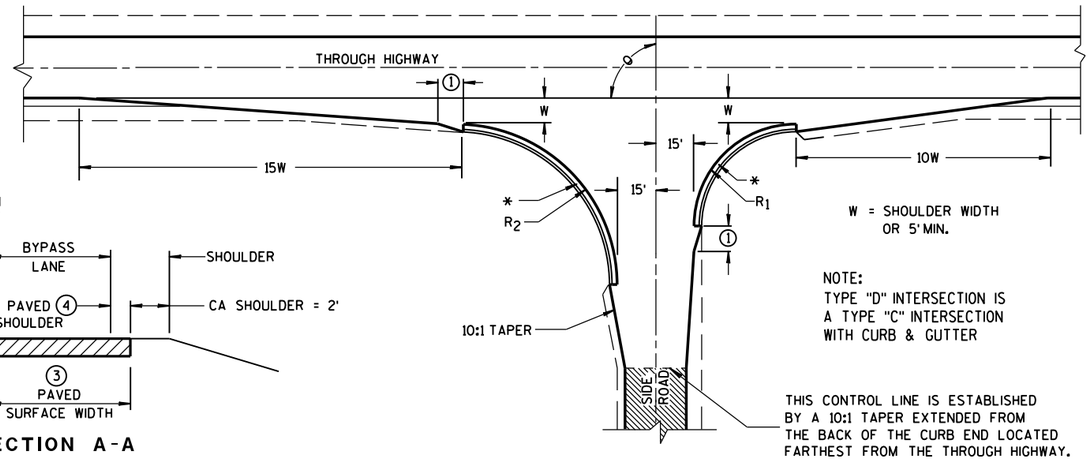
*CONCRETE CURB & GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10'-0" LENGTH AT ENDS OF CURB & GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME.

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65-70	35	70
71-80	40	70
81-90	40	60
91-100	50	55
101-110	60	45



TYPE "C"



TYPE "D"

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

EXISTING PAVED SURFACE

BYPASS LANE

(1) 10-FT TYPICAL.

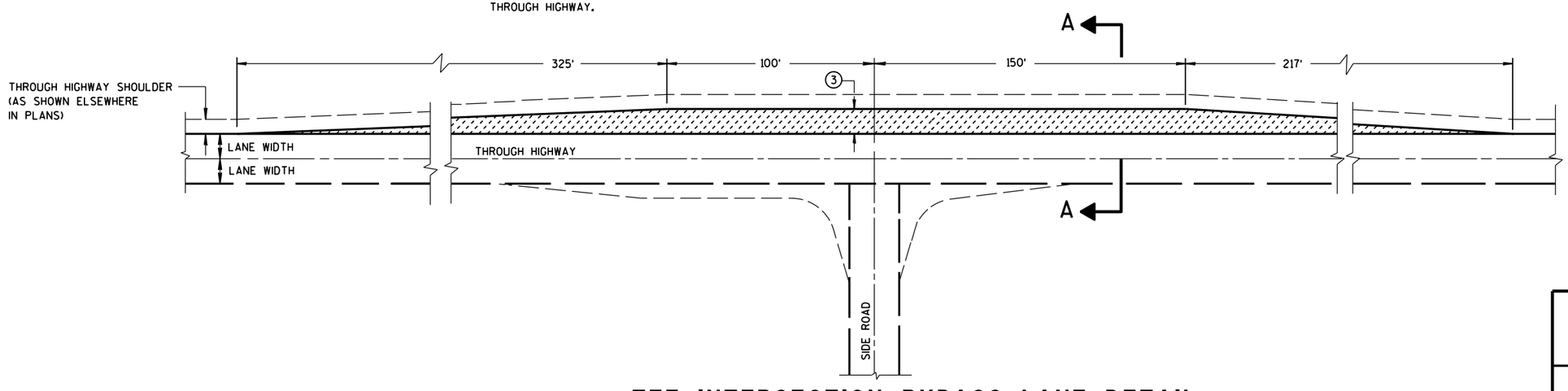
(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
-ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH.
-PC CPNCRETE = 13-FT PLUS PAVED SHOULDER WIDTH.

(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.

SECTION A-A
(SHOWING BYPASS LANE AND SHOULDER)



TEE INTERSECTION BYPASS LANE DETAIL

AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6
S.D.D. 9 A 1-13a

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA

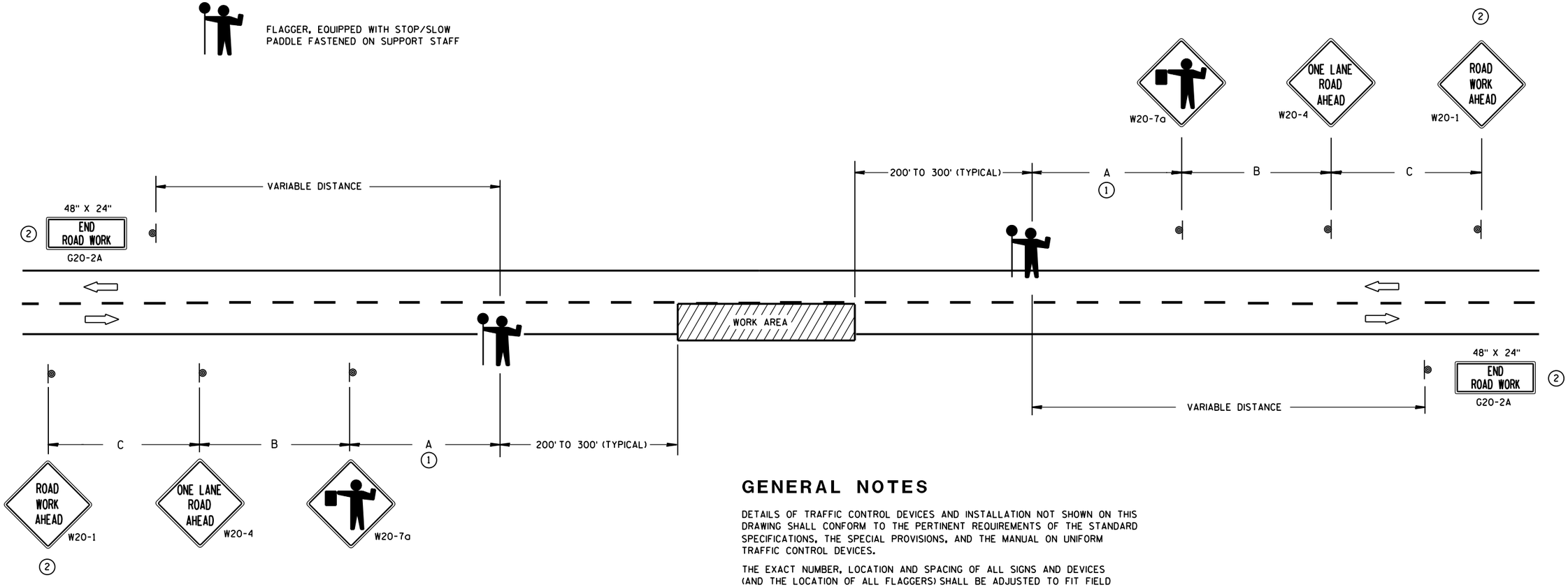
FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

W3-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



(1) FOR A MOVING WORK OPERATION,
SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, COVER OR REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

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S.D.D. 15 C 12-4

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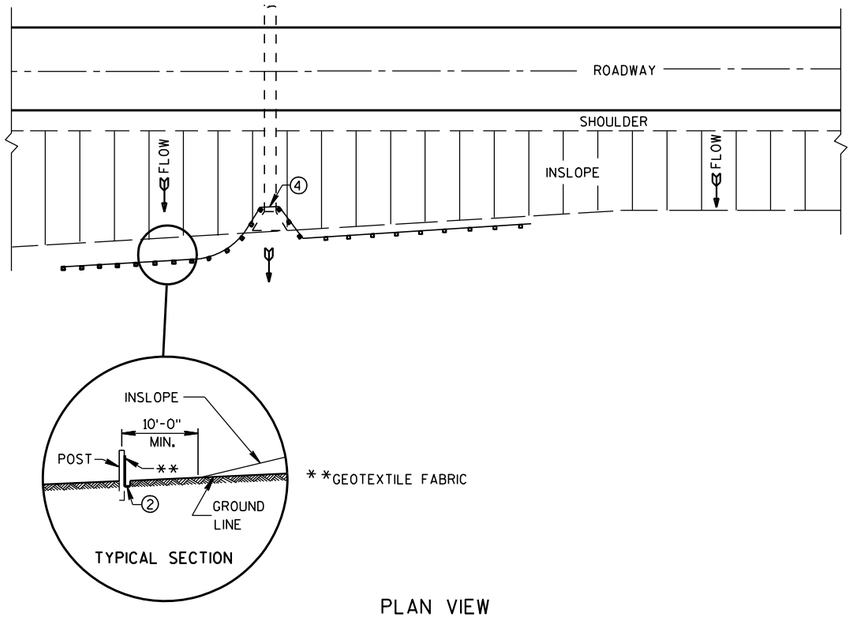
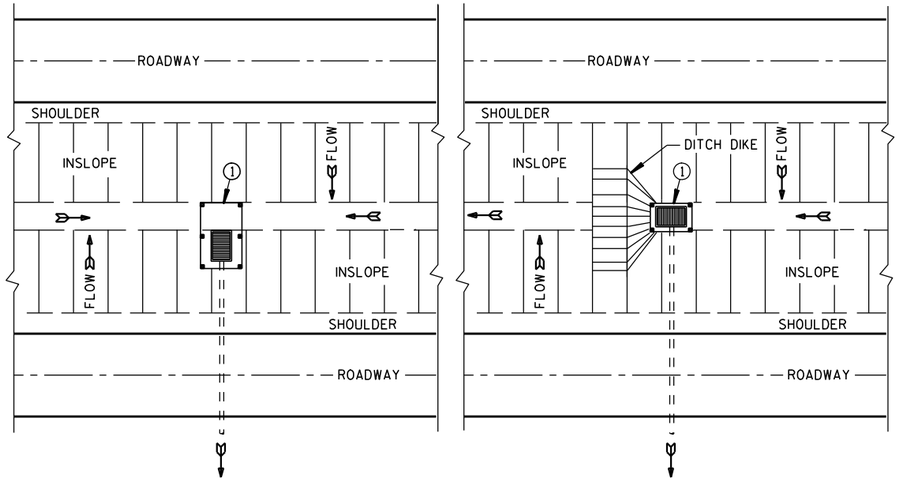
S.D.D. 15 C 12-4

8E9: Silt Fence



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

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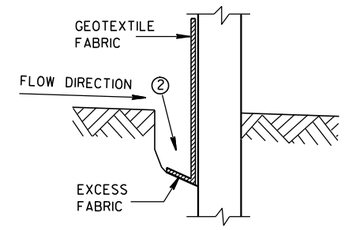
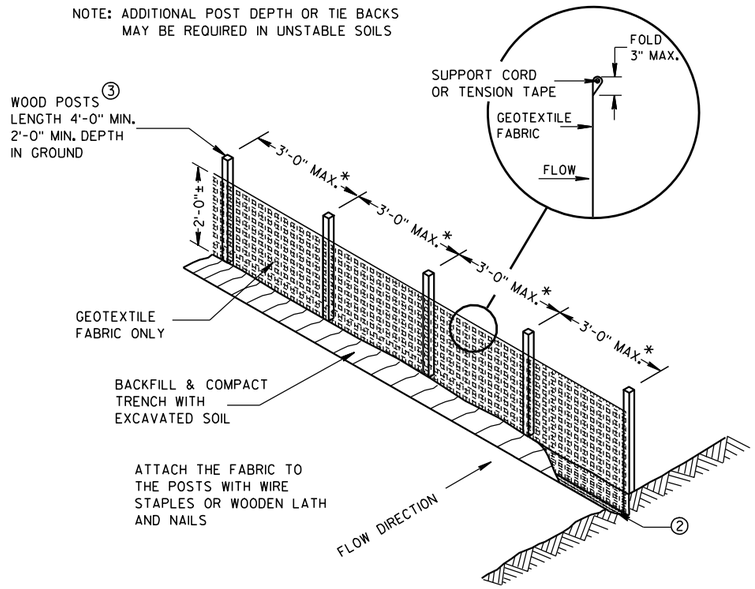
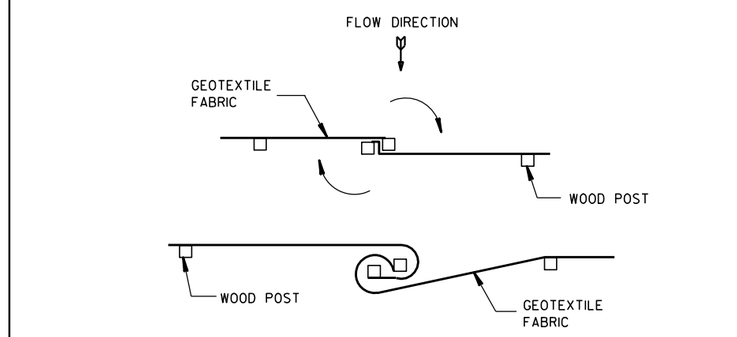


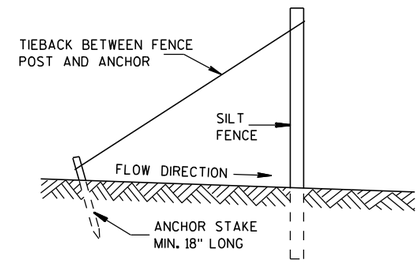
TRENCH DETAIL



SILT FENCE



JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

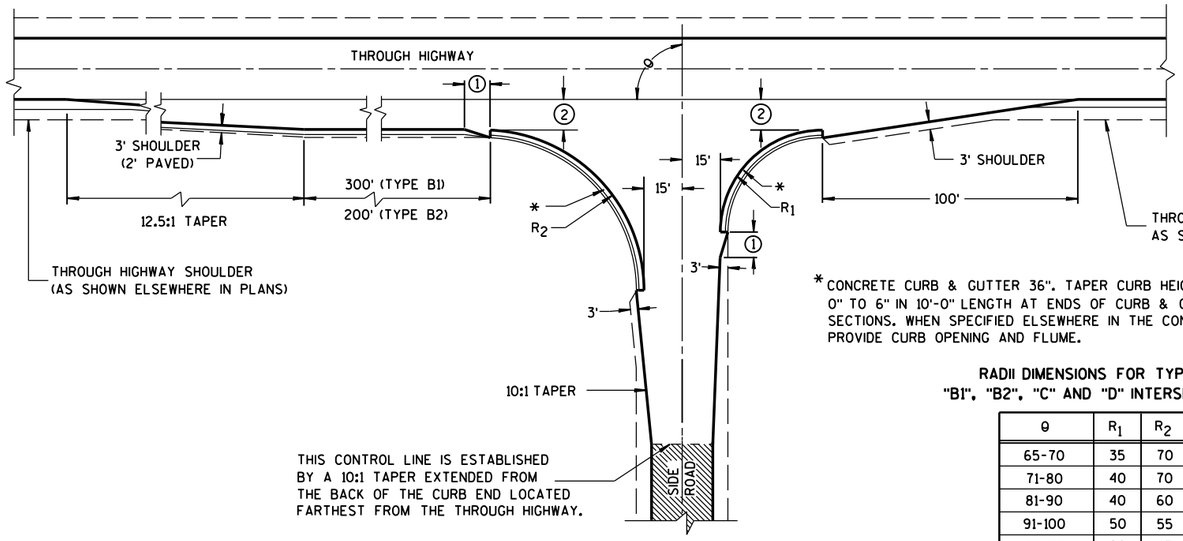
6

S.D.D. 8 E 9-6

6

S.D.D. 8 E 9-6

9A1 sheet a: At-Grade Side Road Intersection, Types 'B1', 'B2', 'C' and 'D' and Tee Intersection Bypass Lane



TYPE "B1" AND "B2"

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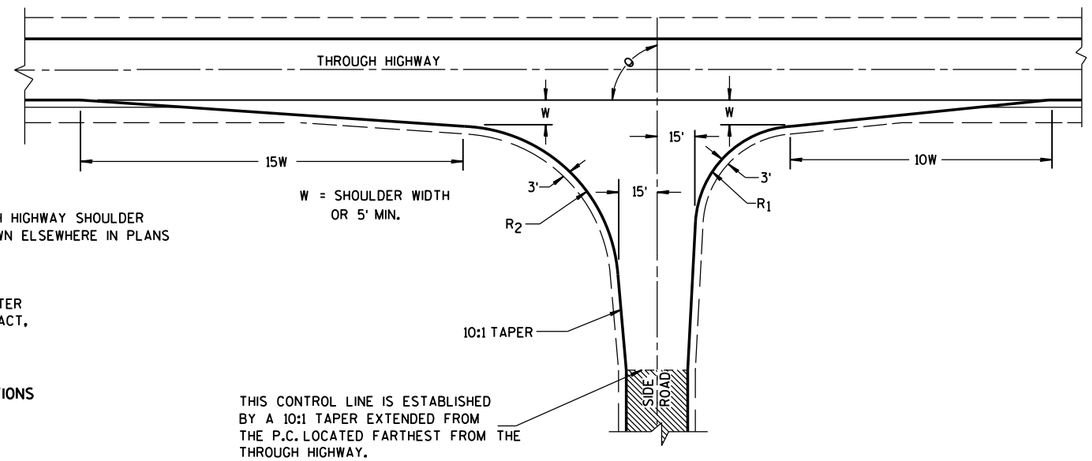
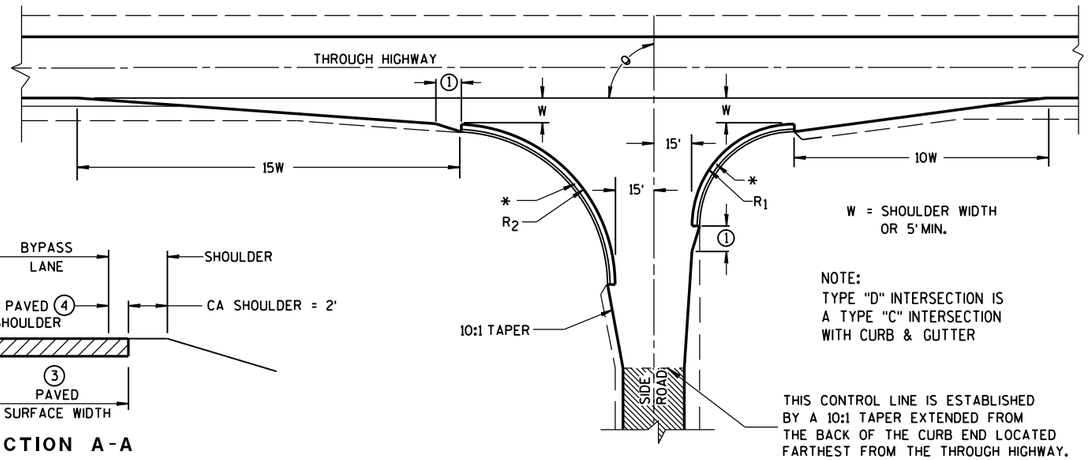


TYPE "C"



TYPE "D"

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

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EXISTING PAVED SURFACE

BYPASS LANE

(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
-ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH.
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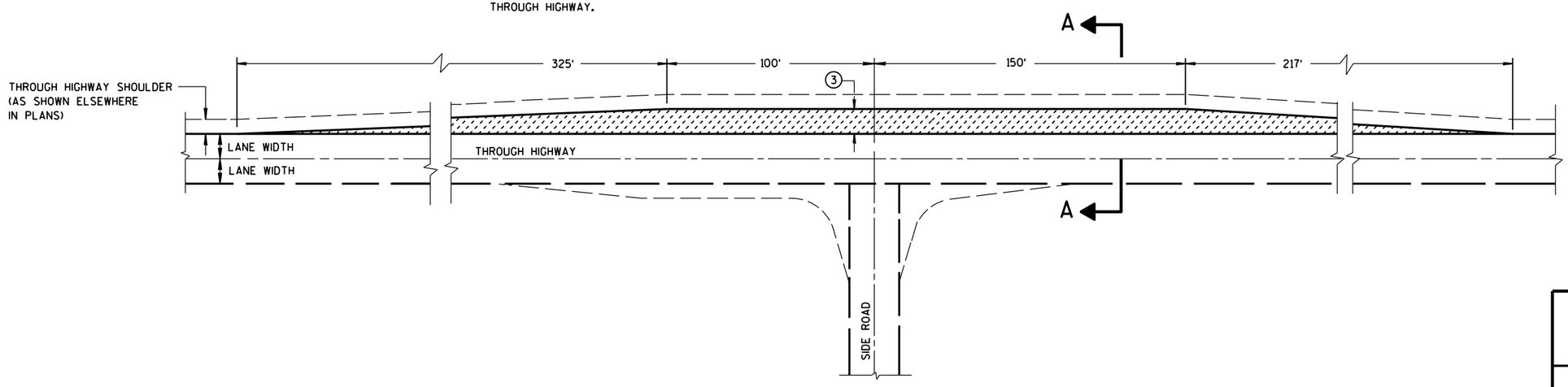
SECTION A-A
(SHOWING BYPASS LANE AND SHOULDER)



TEE INTERSECTION BYPASS LANE DETAIL

AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6
S.D.D. 9 A 1-13a

15C12: Traffic Control for Lane Closure (Suitable for Moving Operations)

LEGEND

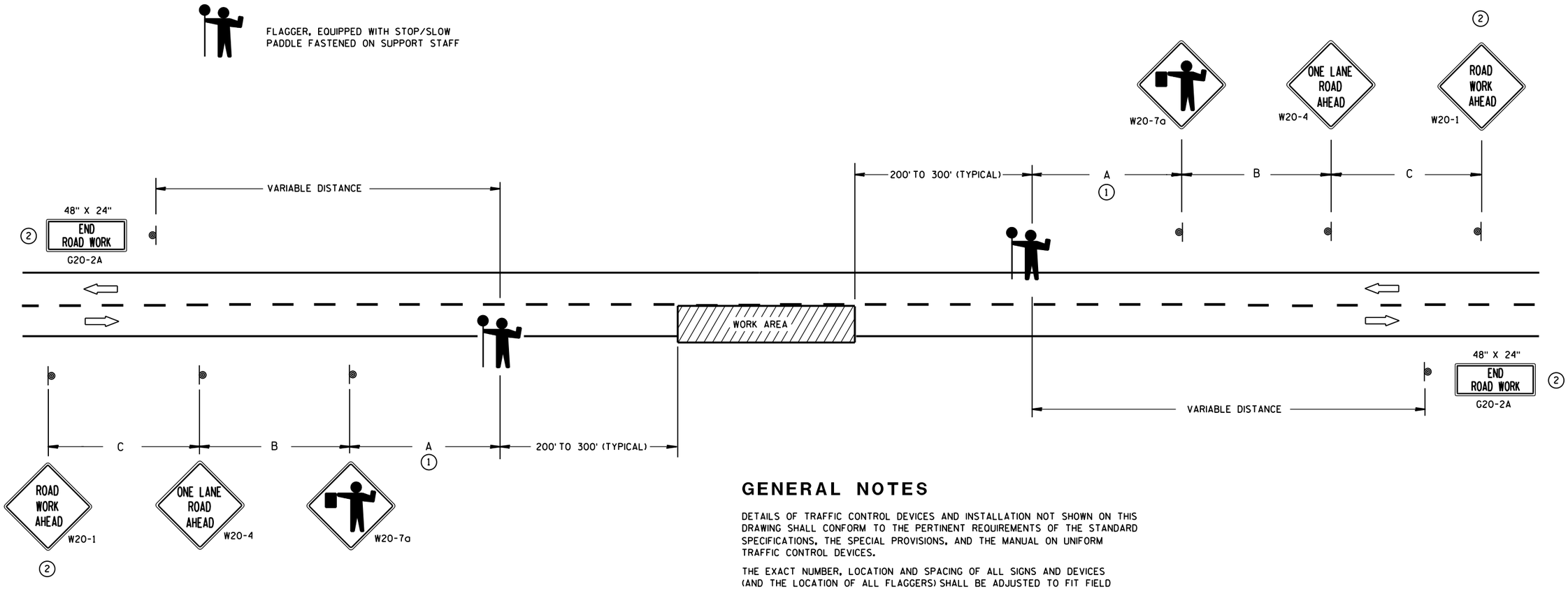
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

SIGN SPACING TABLE

SPEED LIMIT	SIGN SPACING A,B,C
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

BE PREPARED TO STOP
W3-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



(1) FOR A MOVING WORK OPERATION,
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(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

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ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

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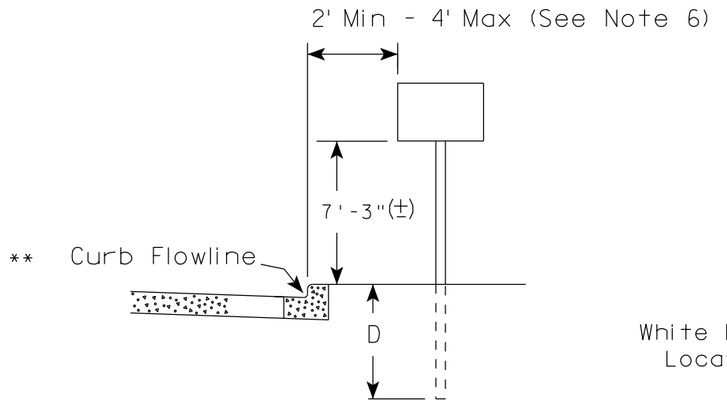
S.D.D. 15 C 12-4

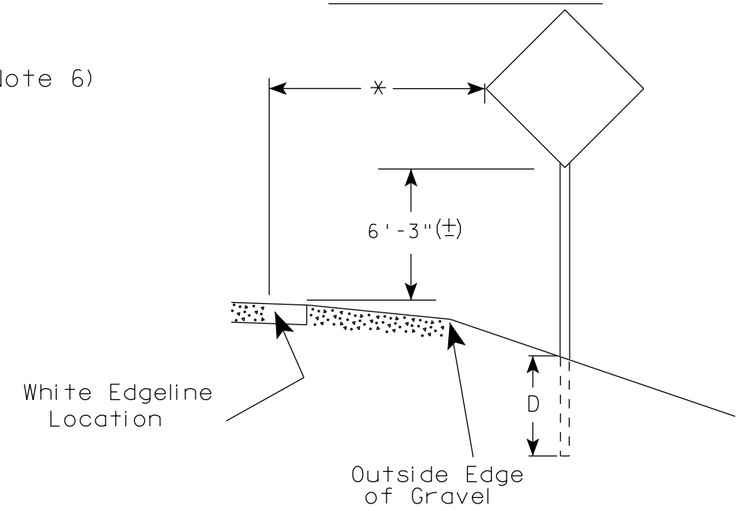
6

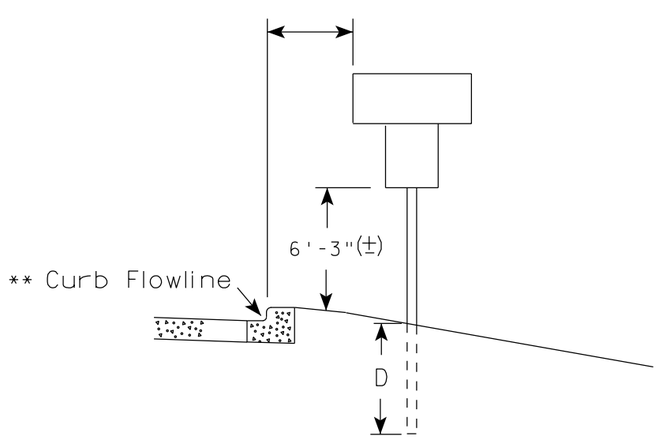
S.D.D. 15 C 12-4

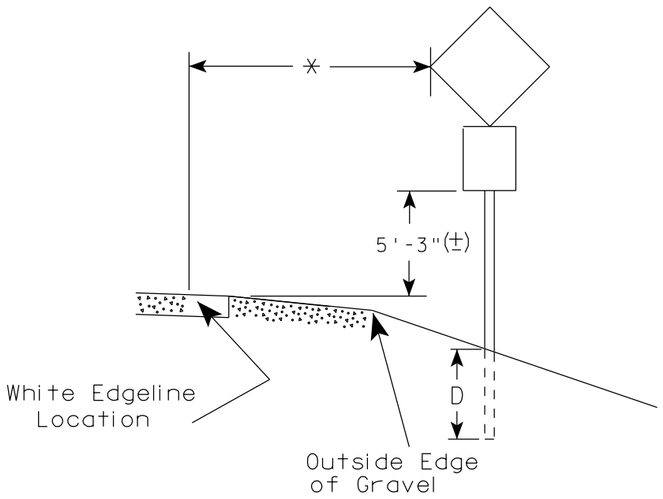
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet, 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

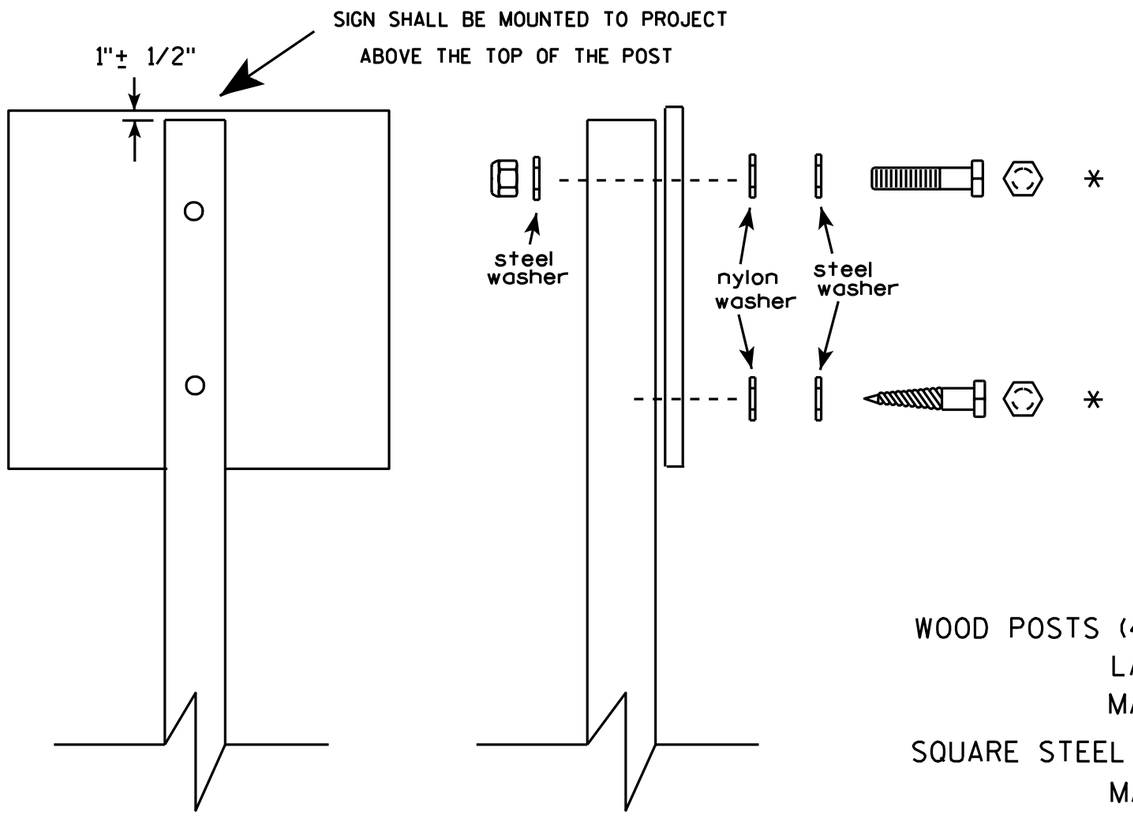
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/14 PLATE NO. A4-3.19

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

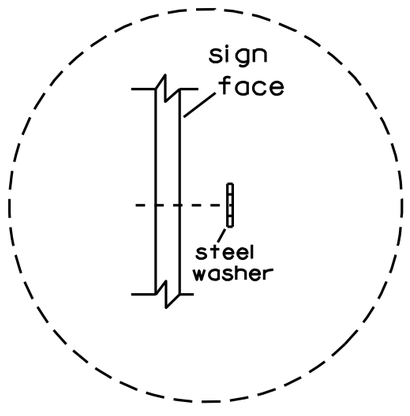
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3"
MACHINE BOLTS - 5/16" X 6-1/2" or 7" Length w/ nuts

SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts
RIVETS - 9/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON for all Type H signs.



Washer Placement when Sign Has Other Than Type H or Type F Face

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

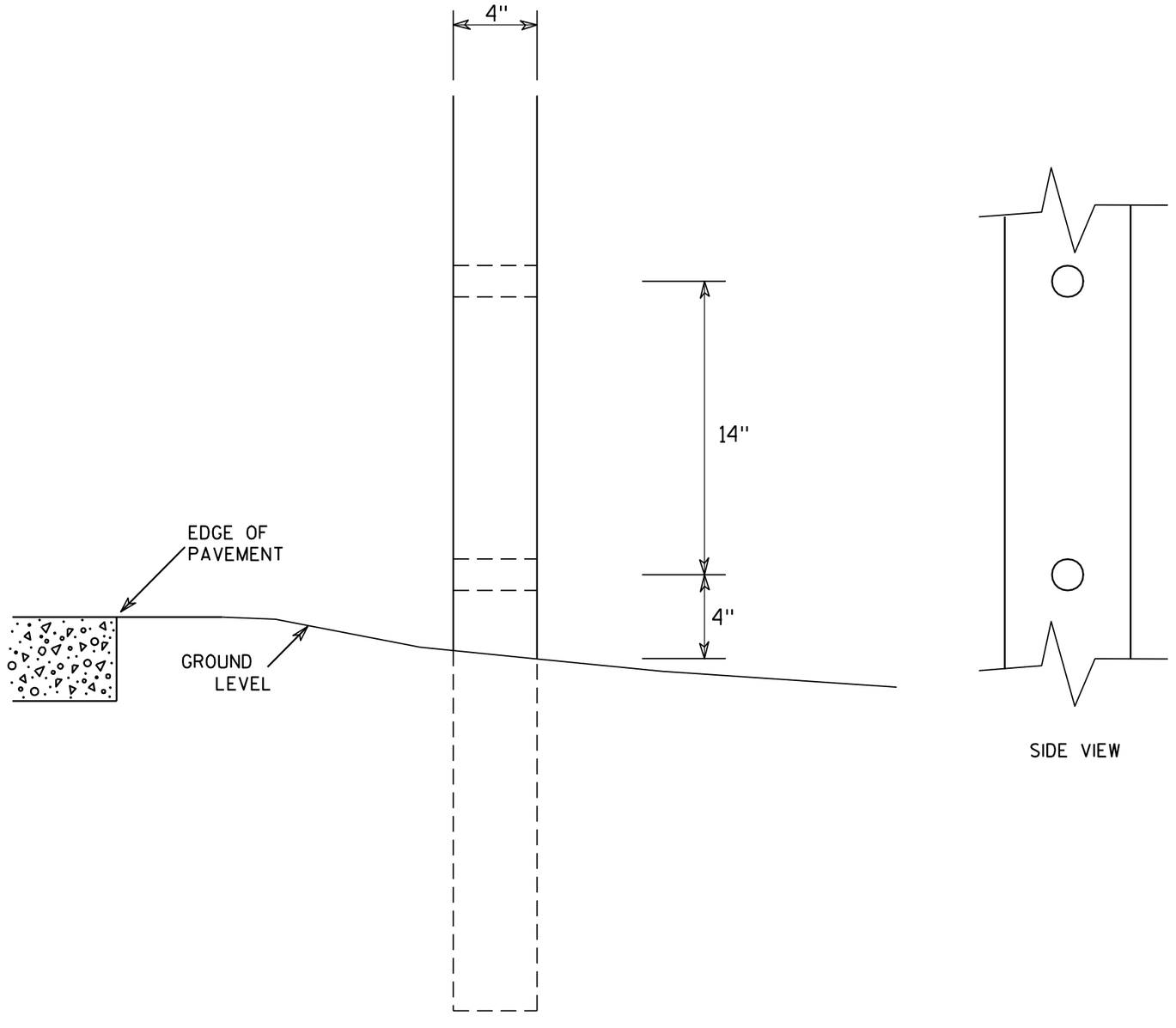
DATE 3/23/10 PLATE NO. A4-8.7

7

7

PROJECT NO:

SHEET NO: 27 E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

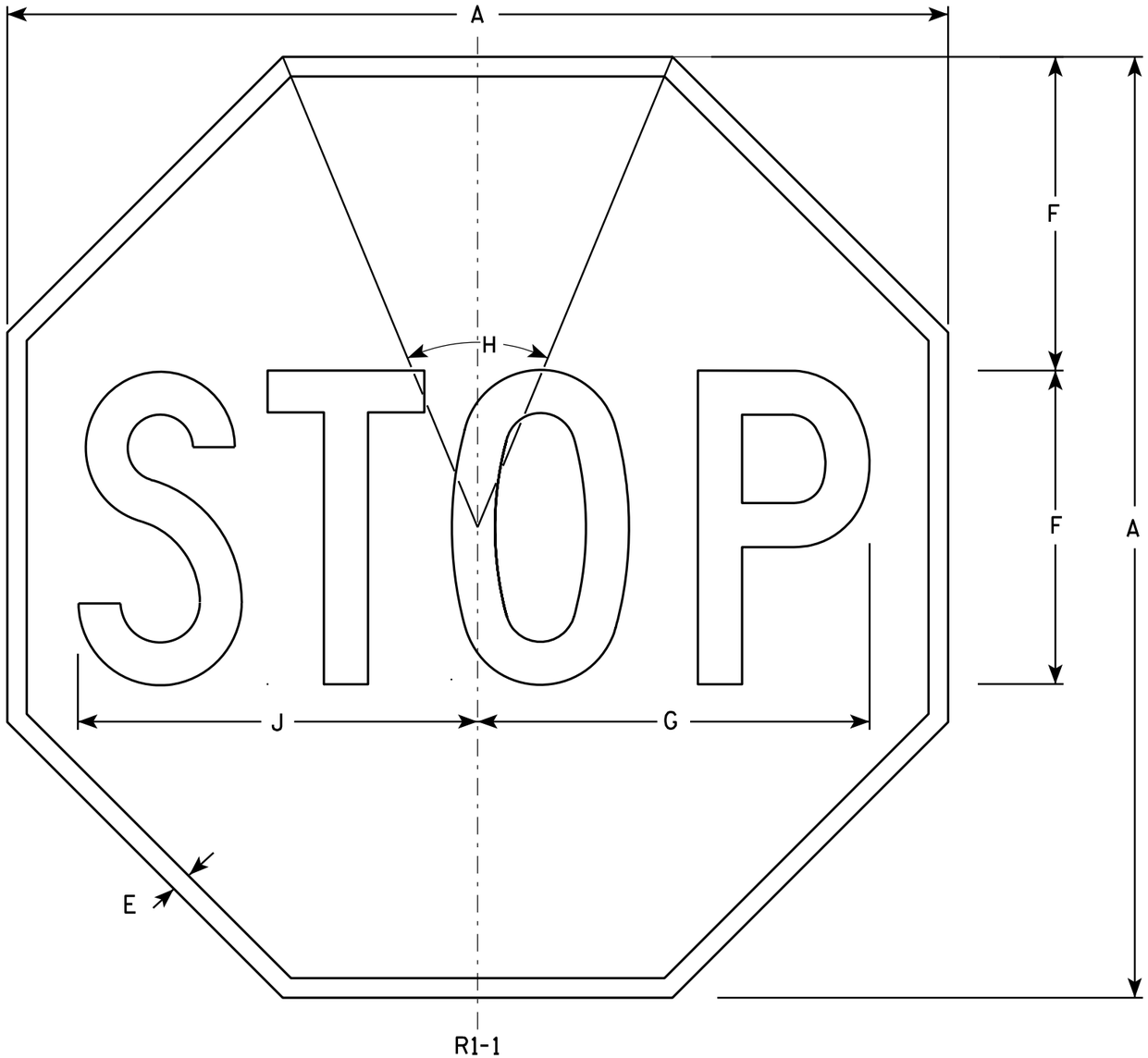
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 28	E



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24				3/8	8	10	45°		10 1/4																	3.31
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

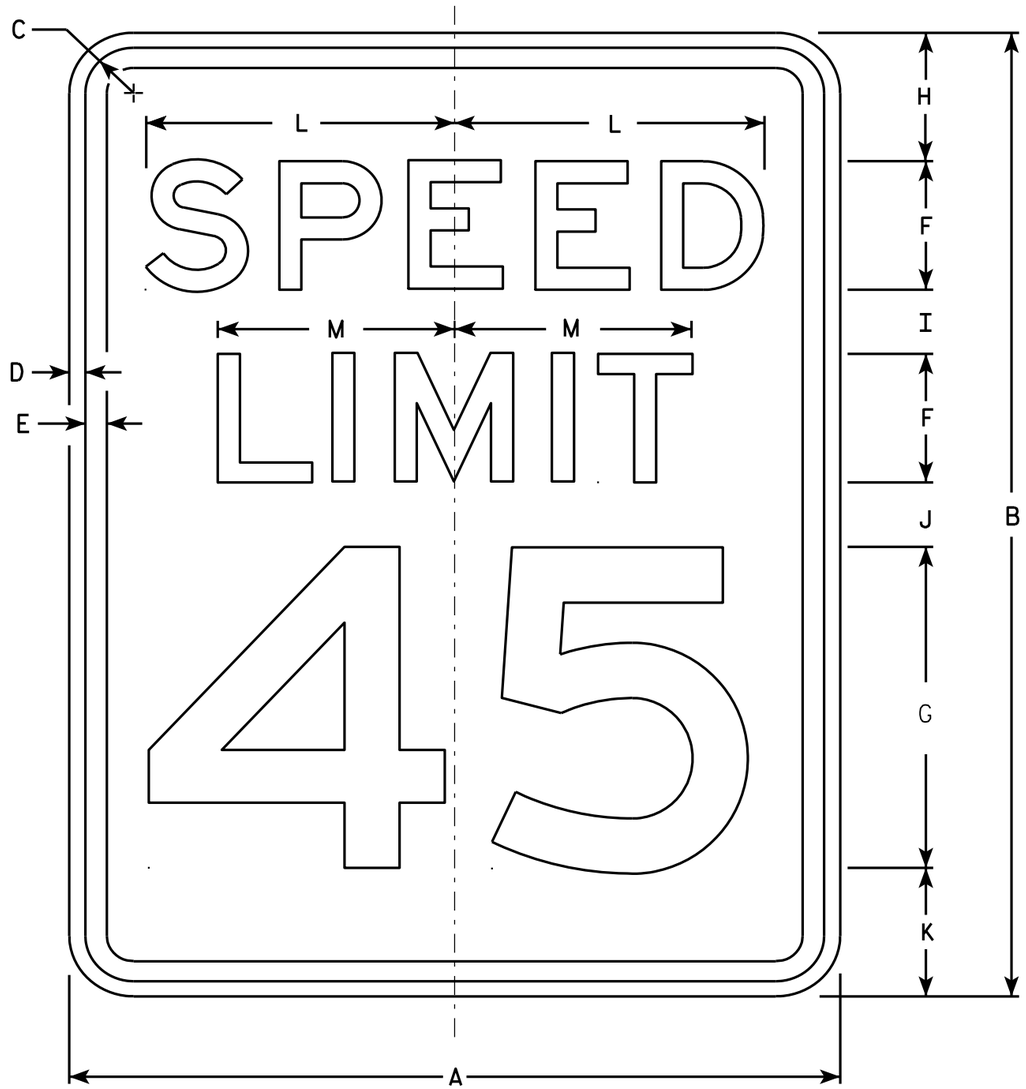
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1.12

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 29	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

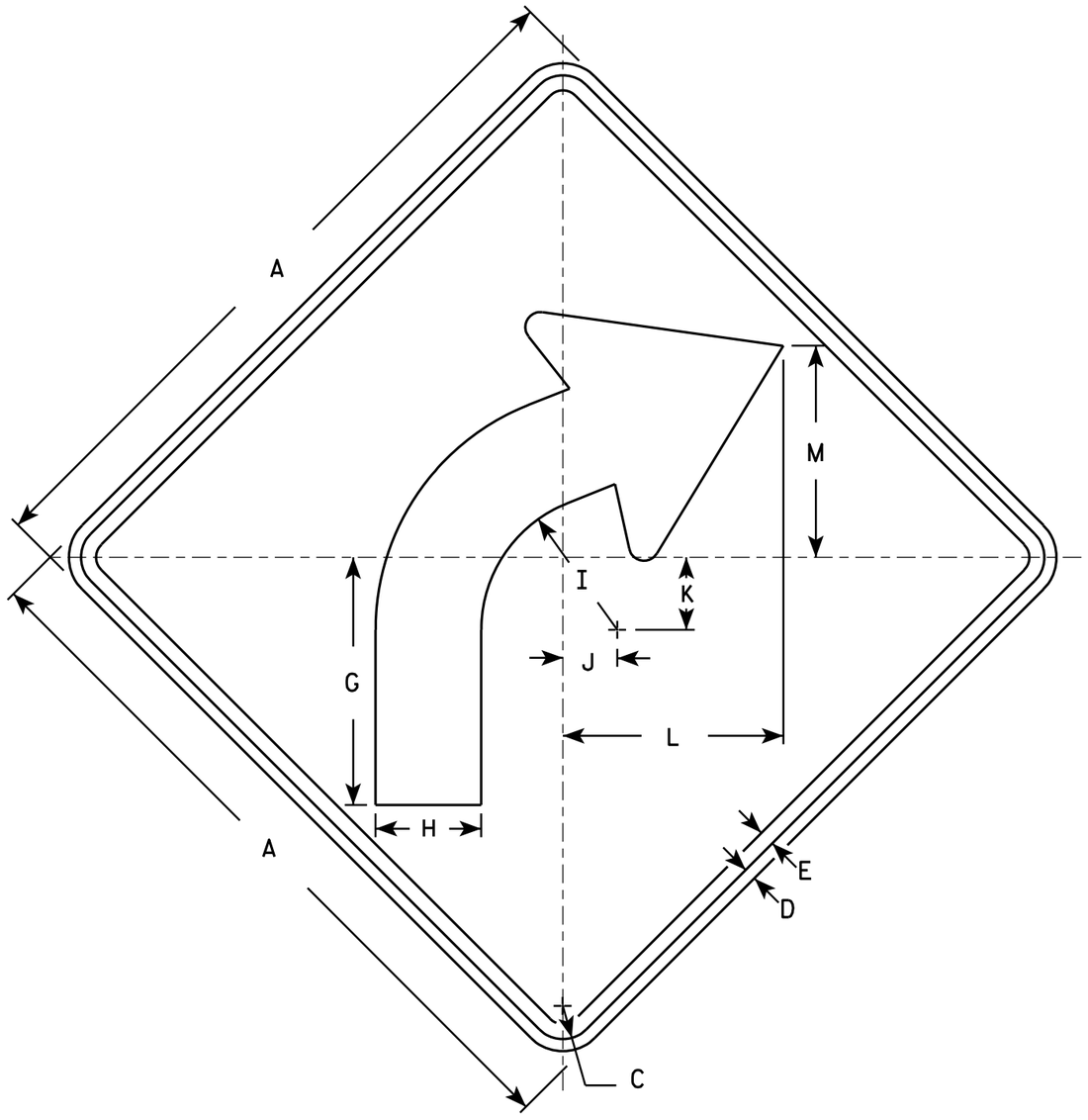
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

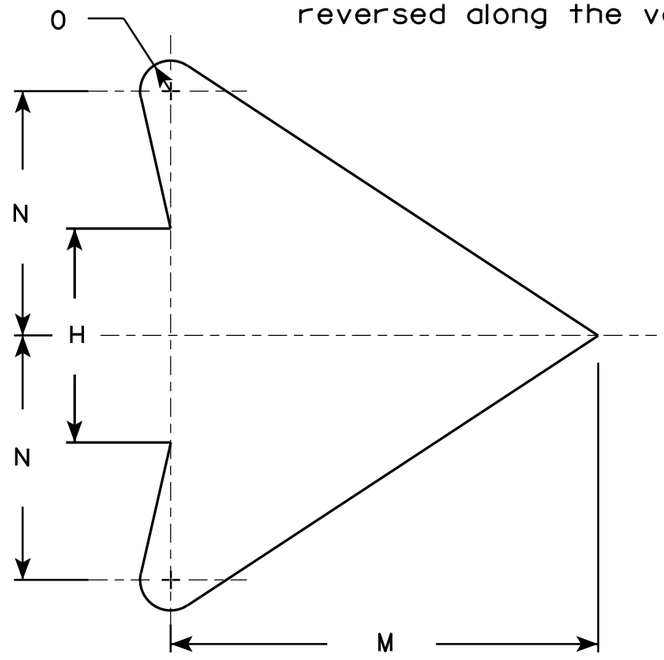
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 30	E

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



W1-2R



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 5/15/12 PLATE NO. W1-2.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 31	E

1/2 Street								
		AREA (SF)		Incremental Vol (CY) (Unadjusted)		Cumulative Vol (CY)		
Station	Distance	Cut	Fill	Cut Note 1	Fill Note 2	Cut 1.00 Note 1	Expanded Fill 1.30 Note 3	Mass Ordinate Note 4
12+00	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0
13+00	100.00	0.0	2.06	0.0	3.8	0.0	5	-5
14+00	100.00	0.0	2.22	0.0	7.9	0.0	15	-15
14+31	30.69	0.0	4.0	0.0	3.5	0.0	20	-20
15+62	131.46	0.0	2.19	0.0	15.1	0.0	39	-39
16+00	37.85	0.0	3.48	0.0	4.0	0.0	45	-45
17+00	100.00	0.0	5.66	0.0	16.9	0.0	67	-67
18+00	100.00	0.0	2.54	0.0	15.2	0.0	86	-86
19+00	100.00	0.0	2.98	0.0	10.2	0.0	100	-100
20+00	100.00	0.0	2.87	0.0	10.8	0.0	114	-114
21+00	100.00	0.0	7.2	0.0	18.6	0.0	138	-138
22+00	100.00	0.0	0	0.0	12.4	0.0	154	-154
23+00	100.00	0.0	5.04	0.0	9.3	0.0	166	-166
24+00	100.00	0.0	6.94	0.0	22.2	0.0	195	-195
25+00	100.00	0.0	3.05	0.0	18.5	0.0	219	-219
26+00	100.00	0.0	3.62	0.0	12.4	0.0	235	-235
27+00	100.00	0.0	10.5	0.0	26.1	0.0	269	-269
28+00	100.00	0.0	5.31	0.0	29.2	0.0	307	-307
29+00	100.00	0.0	3.12	0.0	15.6	0.0	327	-327
30+00	100.00	0.0	2.46	0.0	10.3	0.0	341	-341
31+00	100.00	0.0	1.26	0.0	6.9	0.0	350	-350
32+00	100.00	0.0	6.84	0.0	15.0	0.0	369	-369
33+00	100.00	0.0	4.53	0.0	21.1	0.0	397	-397
34+00	100.00	14.56	0.91	27.0	10.1	27	410	-383
35+00	100.00	22.42	0	68.5	1.7	95	412	-317
36+00	100.00	20.01	4.35	78.6	8.1	174	422	-248
37+00	100.00	34.54	0.85	101.0	9.6	275	435	-160
39+00	200.00	17.12	0.8	191.3	6.1	466	443	23
40+00	100.00	8.52	1.56	47.5	4.4	514	449	65
40+65	65.23	10.99	8.0	23.6	11.5	537	464	74
41+76	111.23	12.28	0.91	47.9	18.4	585	487	98
42+00	23.54	10.96	1.79	10.1	1.2	595	489	107
43+00	100.00	0.0	0.42	20.3	4.1	616	494	121
44+00	100.00	0.0	2.1	0.0	4.7	616	500	115
45+00	100.00	0.0	2.32	0.0	8.2	616	511	105
46+00	100.00	0.0	1.89	0.0	7.8	616	521	95
47+00	100.00	0.0	3.77	0.0	10.5	616	535	81
48+00	100.00	0.0	2.33	0.0	11.3	616	549	66
49+00	100.00	0.0	3.15	0.0	10.1	616	563	53
50+00	100.00	0.0	5.55	0.0	16.1	616	584	32
51+00	100.00	0.0	1.93	0.0	13.9	616	602	14
51+60	60.00	0.0	0	0.0	2.1	616	604	11

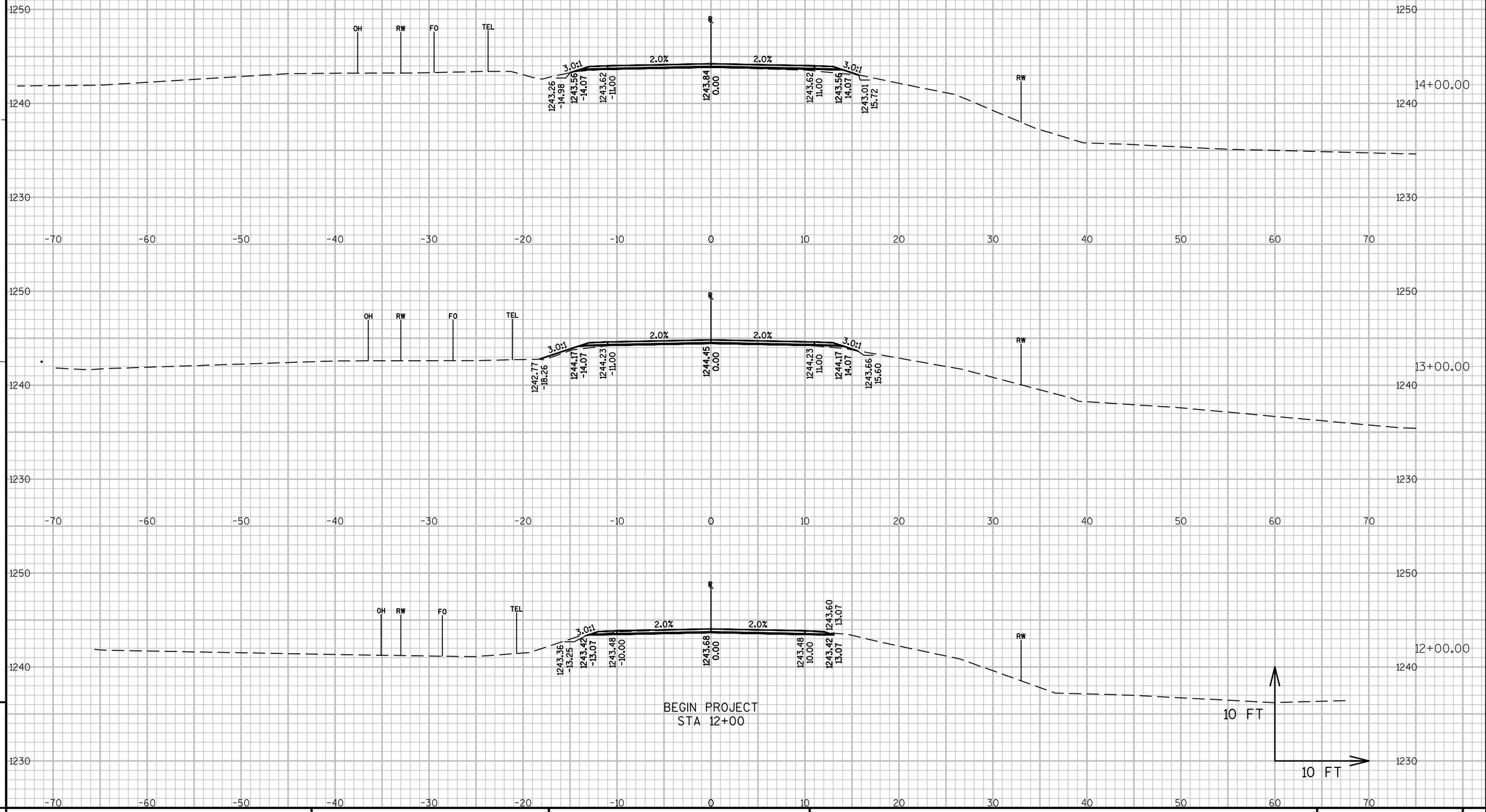
Notes:
1) Salvaged/Unusable Pavement Material is included in Cut.
2) Does not include Unusable Pavement Excavation volume.
3) Will be backfilled with Cut or Borrow.
4) Plus quantity indicates an excess of material. Minus indicates a shortage of material.

9

9

PROJECT NO: 8334-00-70 | HWY: 1/2 STREET | COUNTY: BARRON | EARTHWORK TABULATIONS | SHEET | E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET	E

UTILITY LOCATIONS ARE APPROXIMATE.
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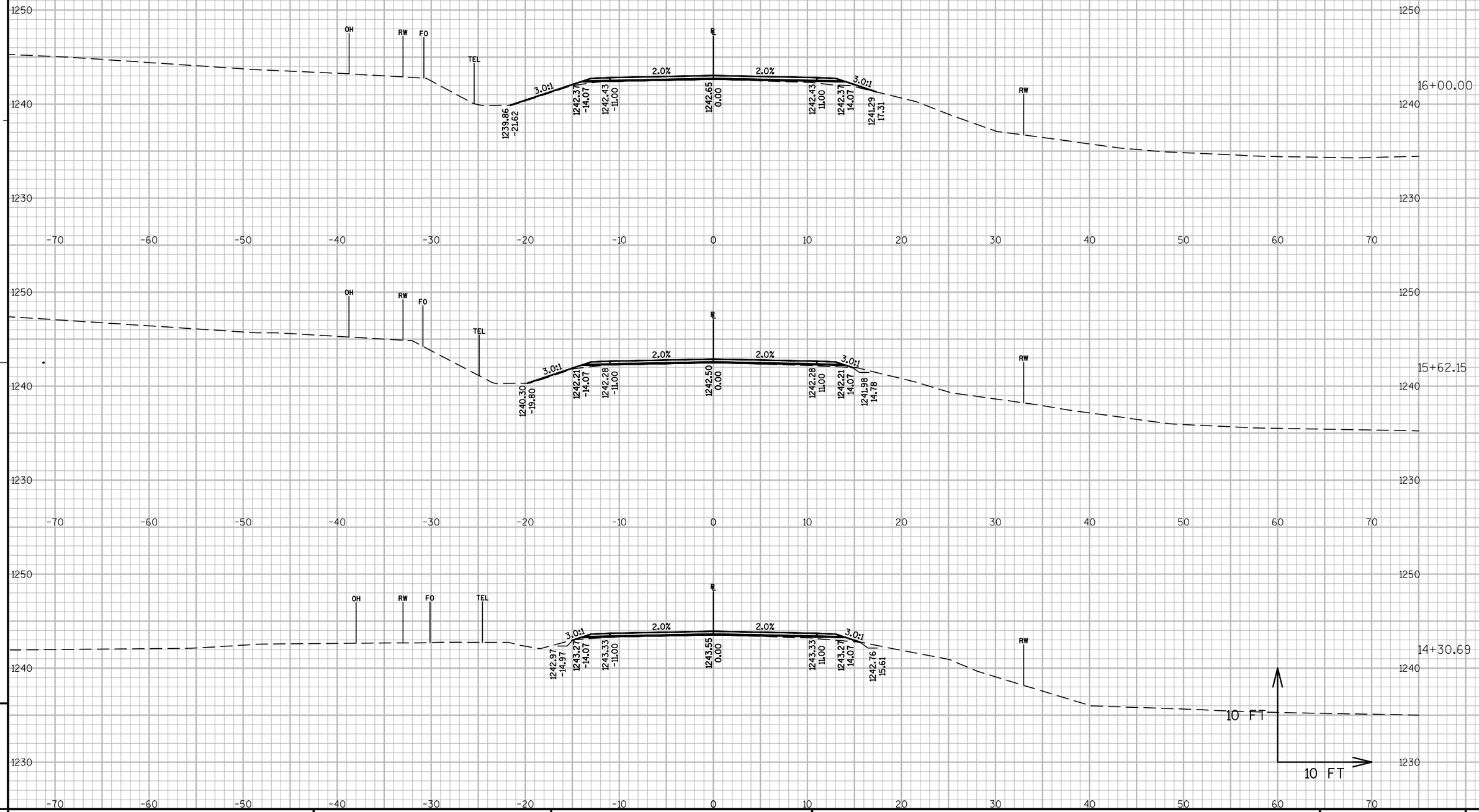
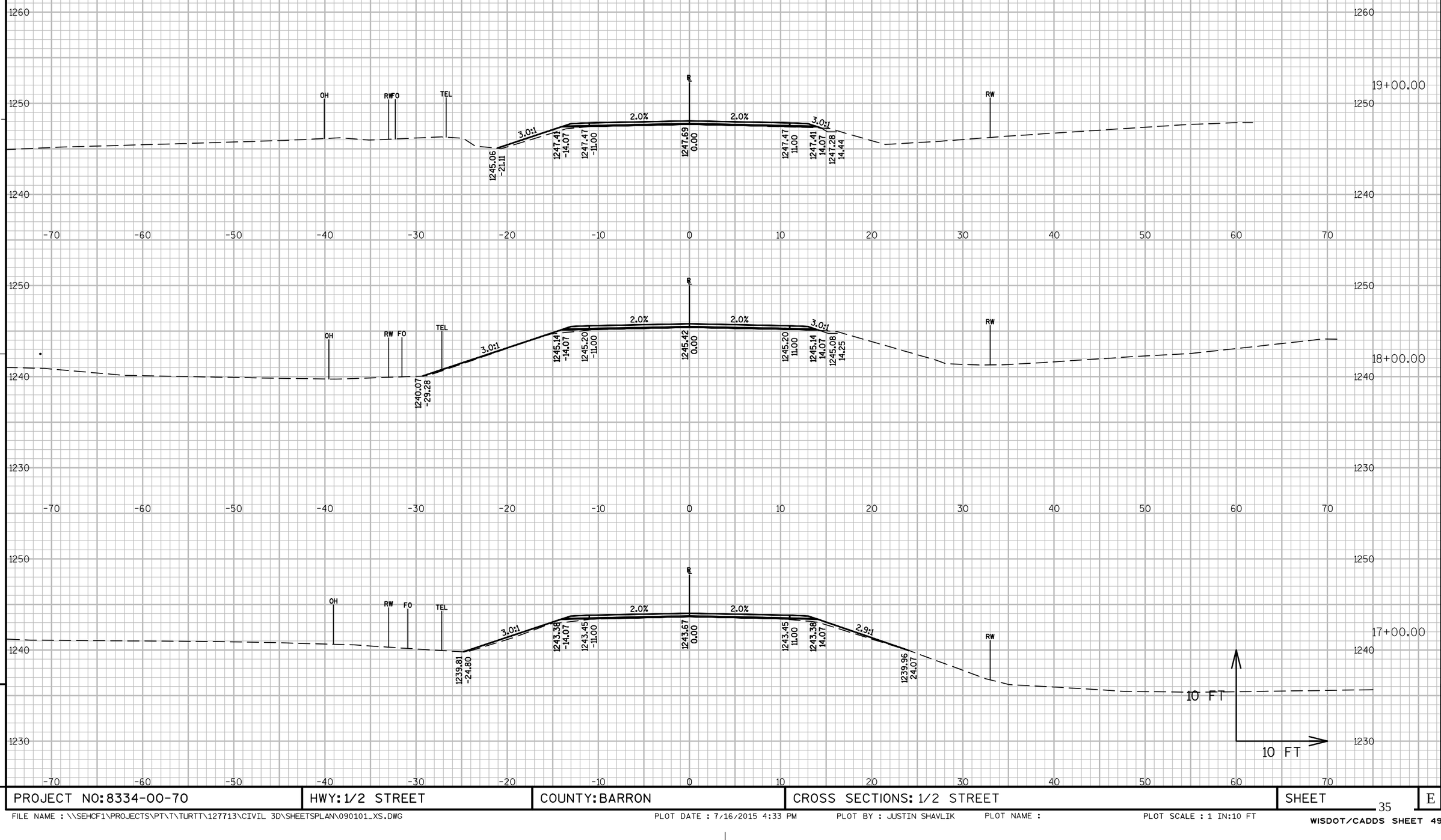


9

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET 34	E

9

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

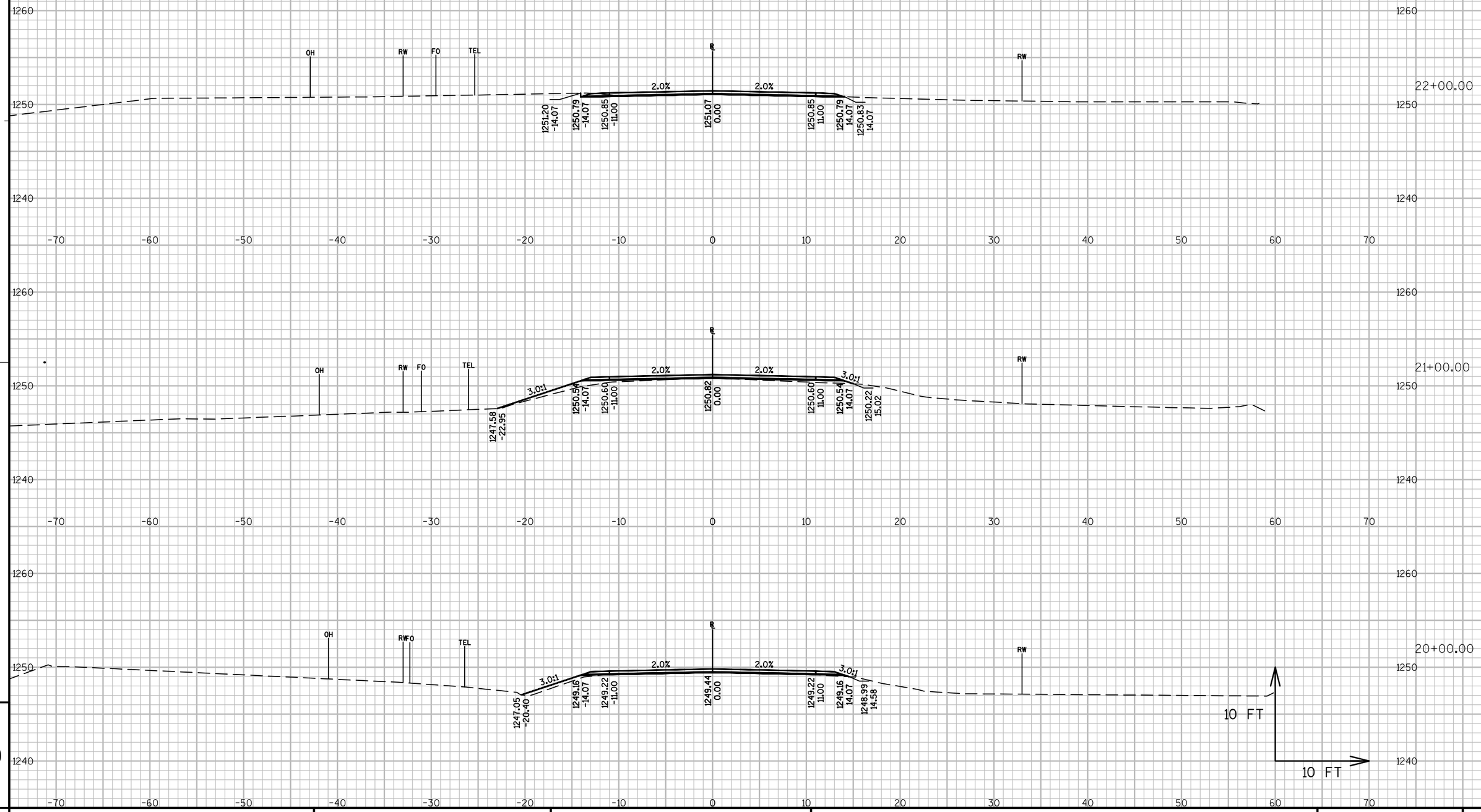


PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET 35	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/16/2015 4:33 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

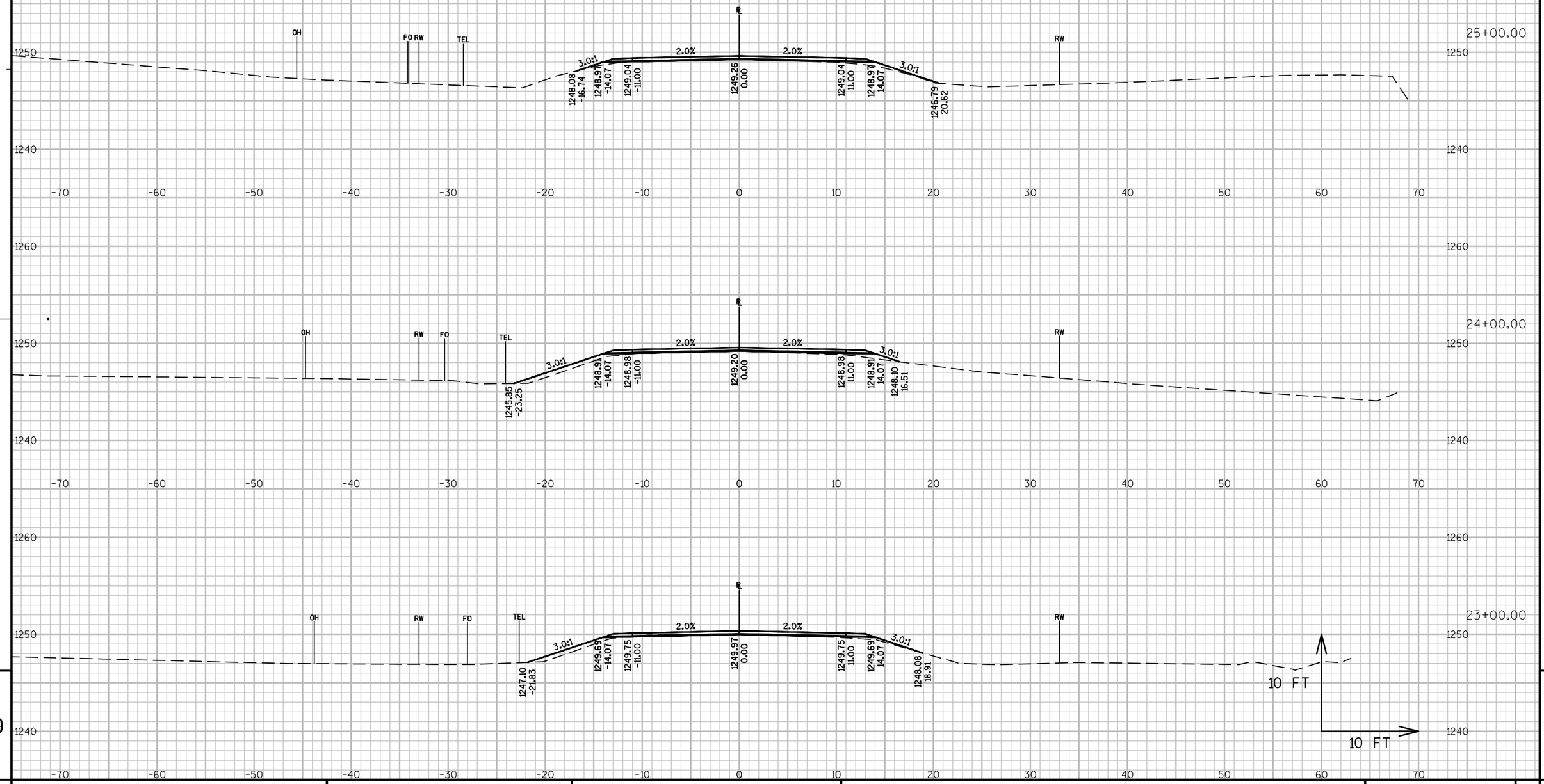


PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/16/2015 4:33 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/16/2015 4:33 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

UTILITY LOCATIONS ARE APPROXIMATE.
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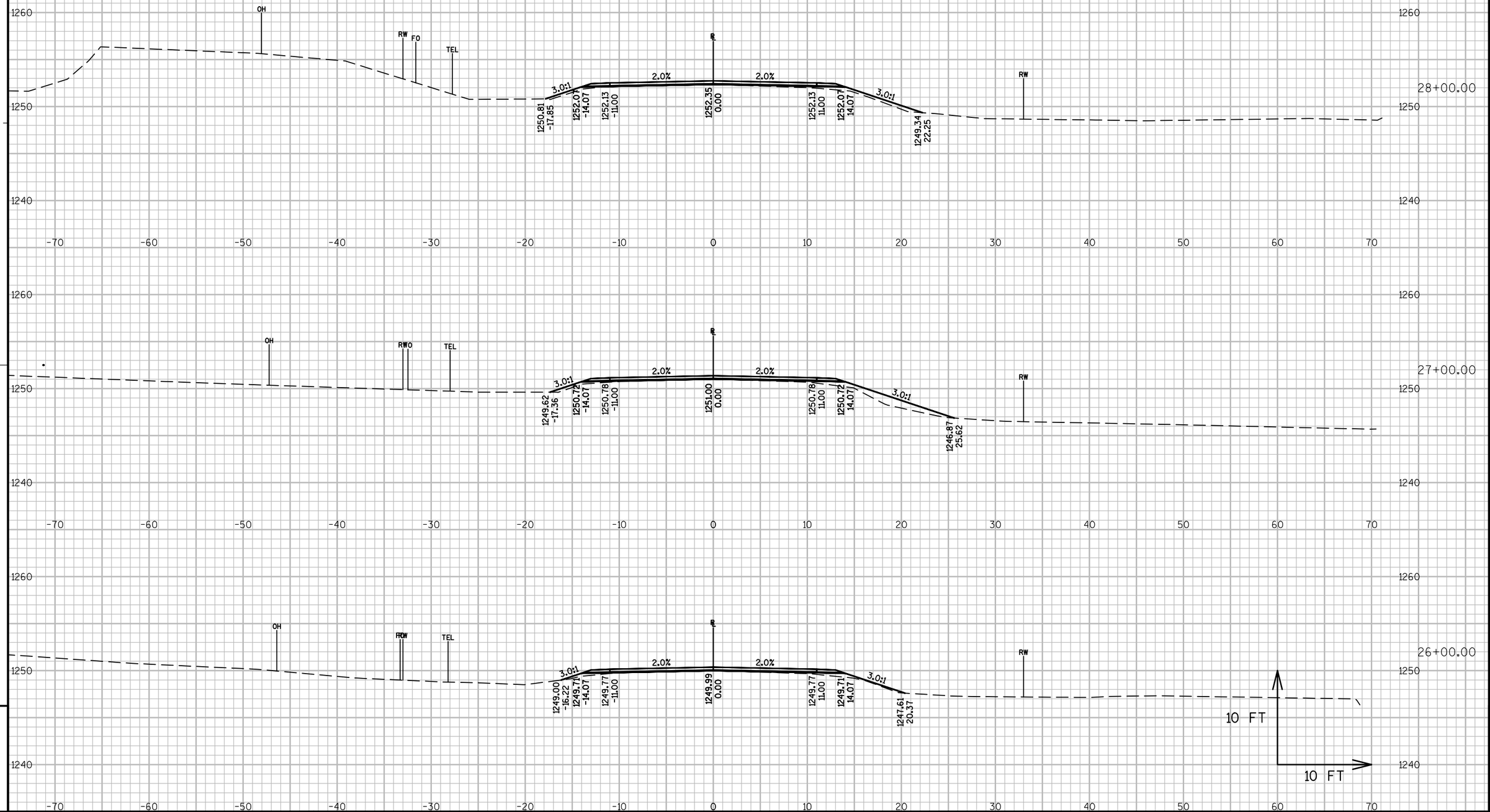
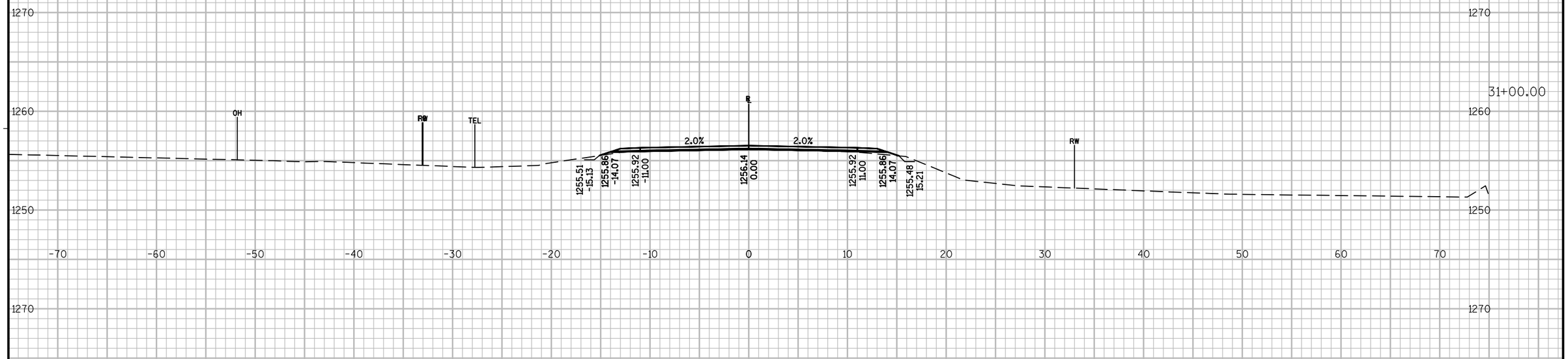
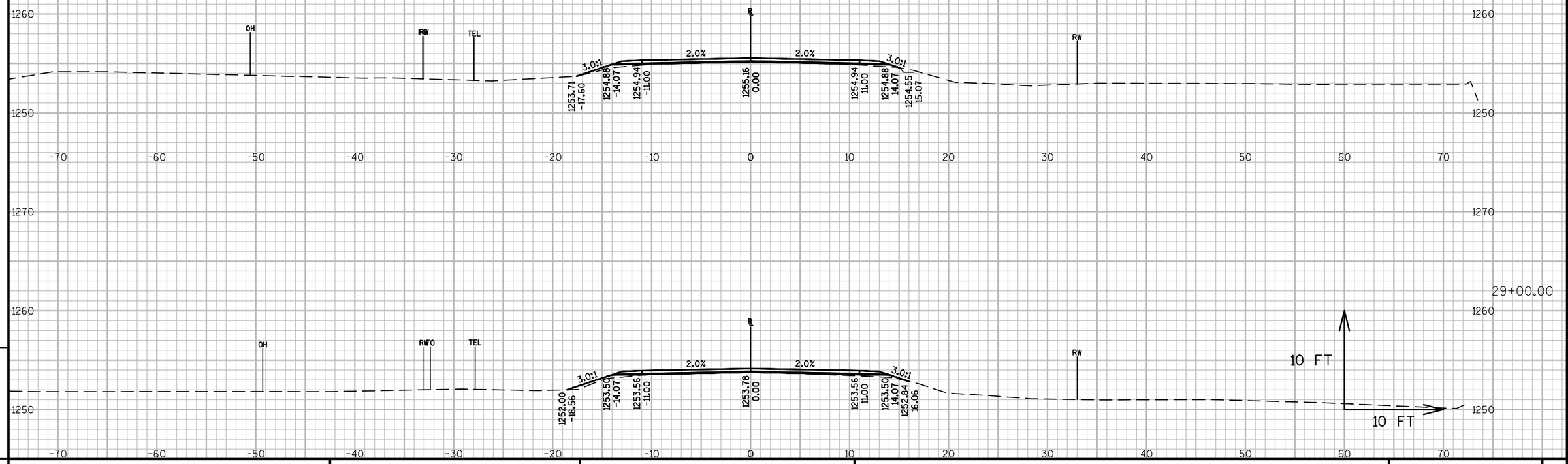


PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET 38	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.





9

9

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\090101_XS.DWG
PLOT DATE : 7/16/2015 4:33 PM
PLOT BY : JUSTIN SHAVLIK
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

UTILITY LOCATIONS ARE APPROXIMATE.
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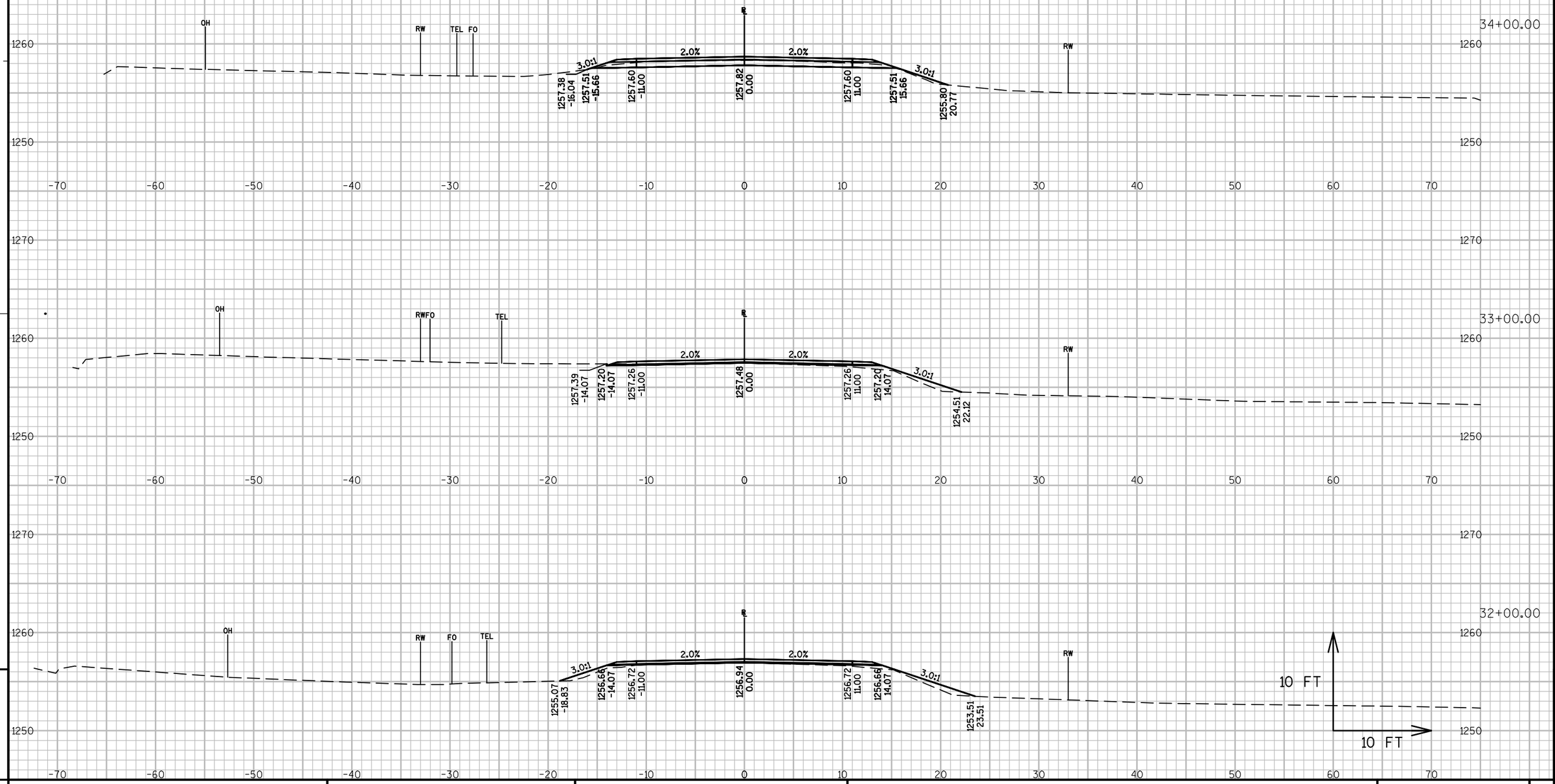
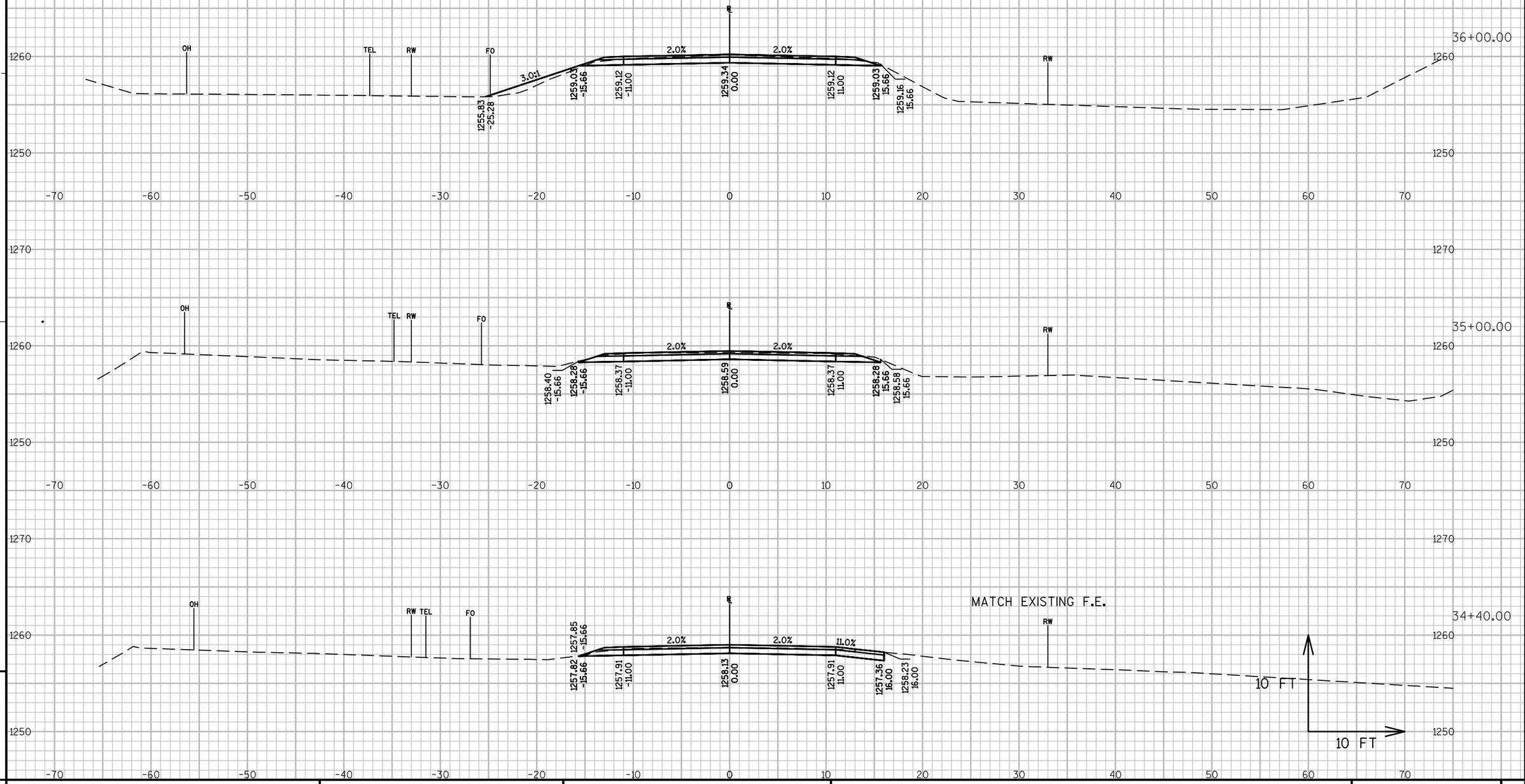


9 9

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET 40	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.



PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\090101_XS.DWG PLOT DATE : 7/16/2015 4:33 PM PLOT BY : JUSTIN SHAVLIK PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 49

UTILITY LOCATIONS ARE APPROXIMATE.
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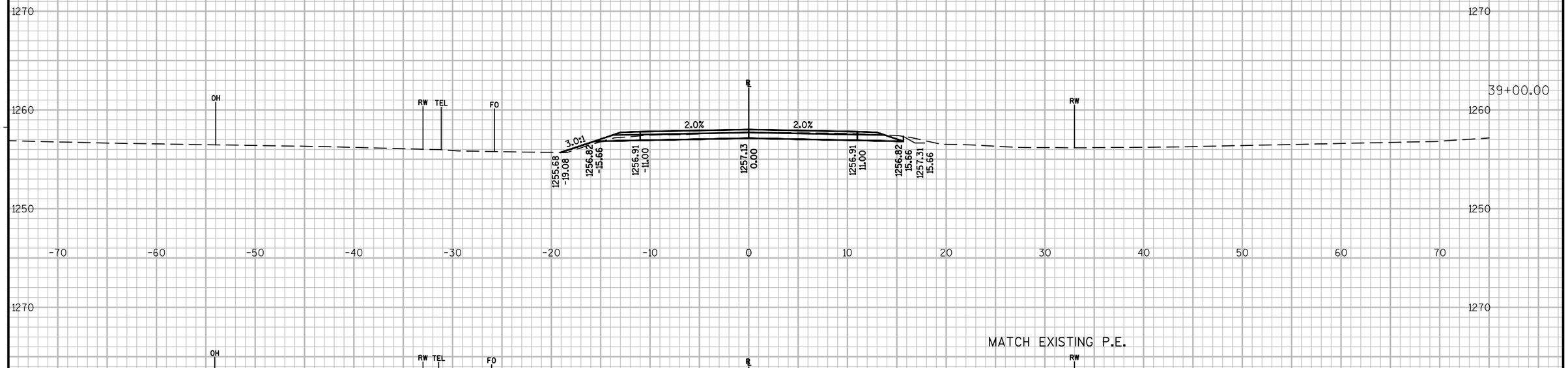
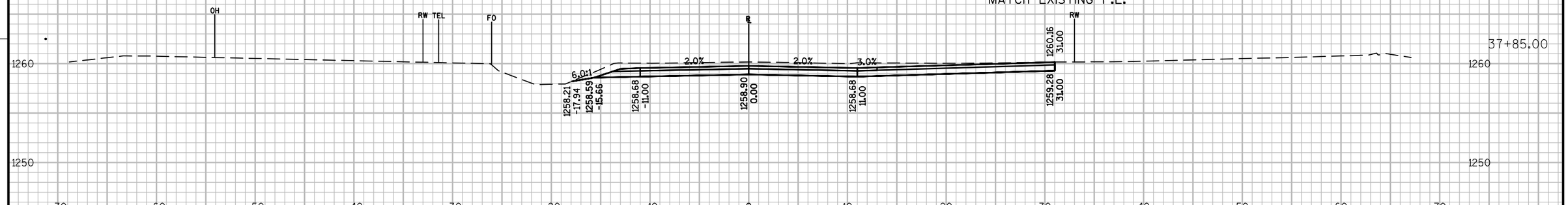
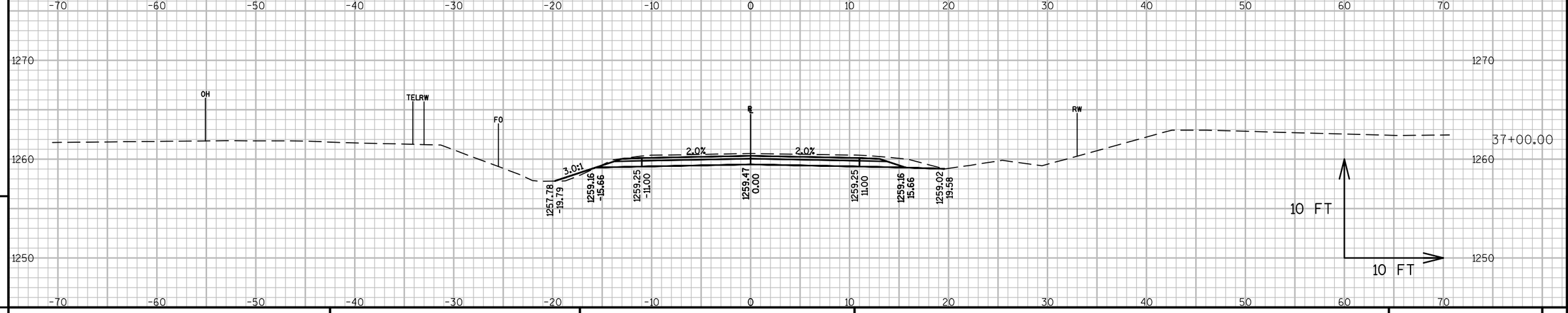


MATCH EXISTING P.E.



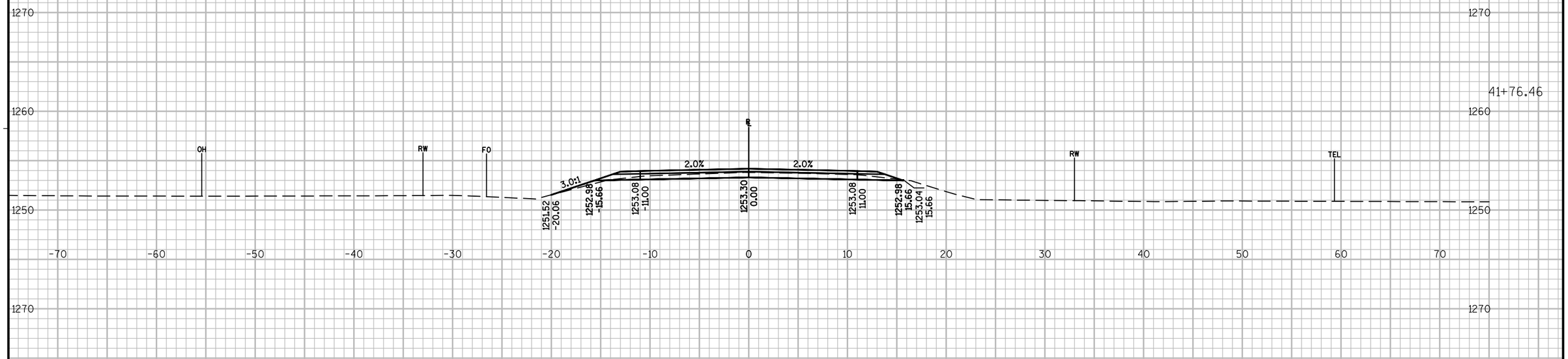


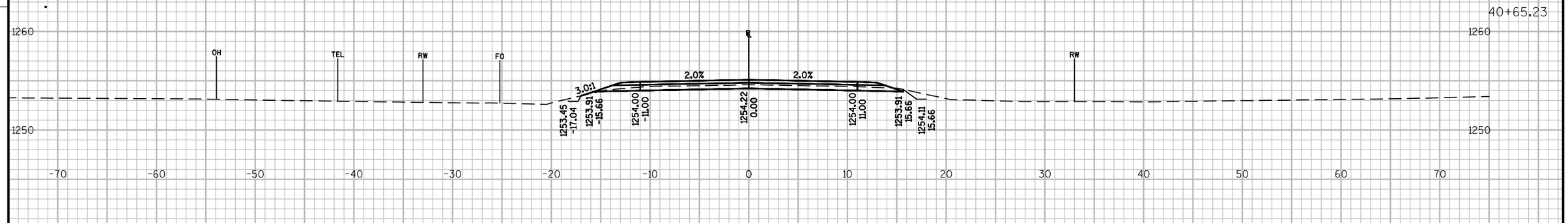
9

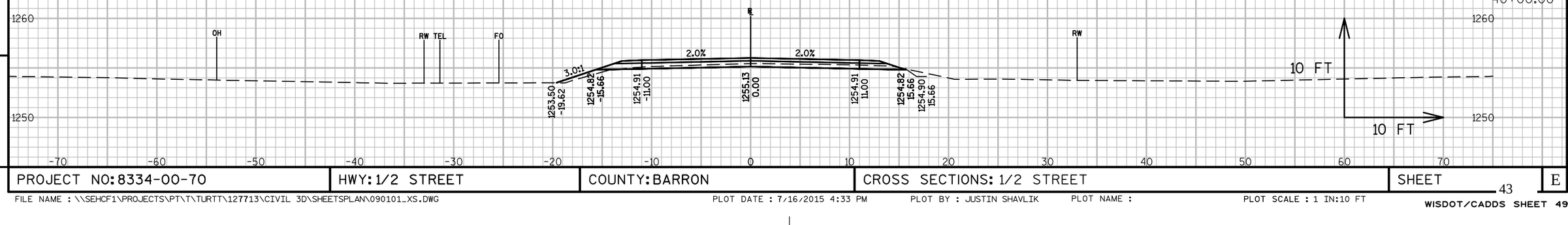
9

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET 42	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

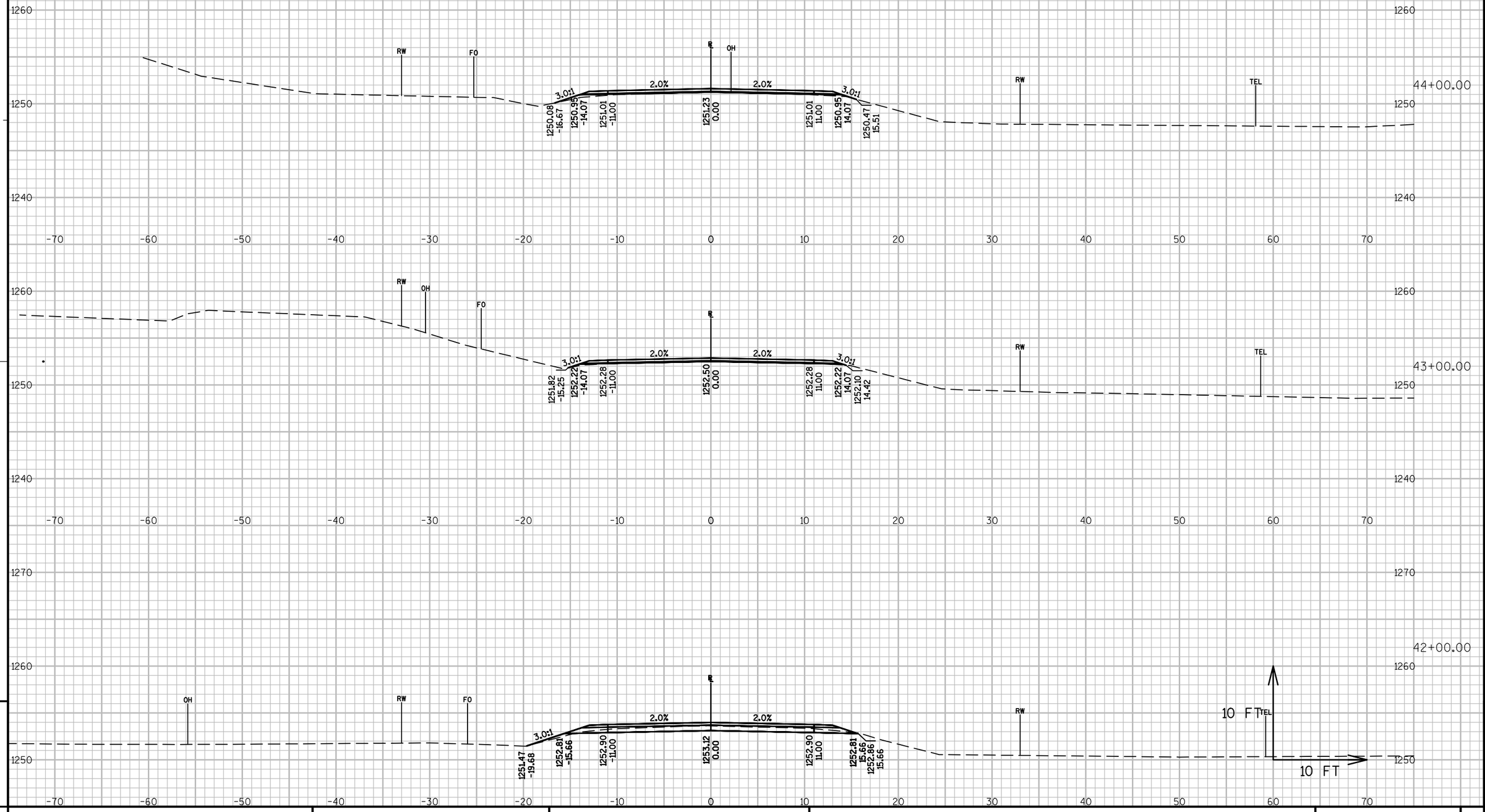






PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET	E

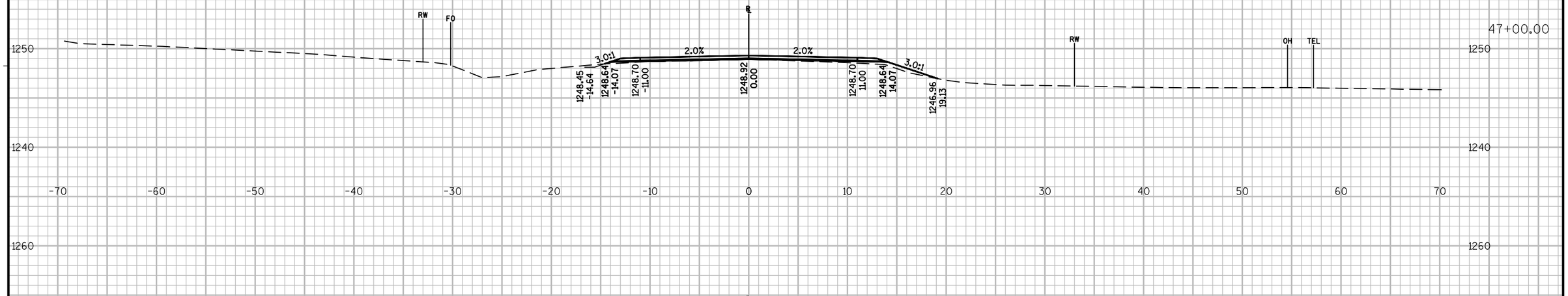
UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

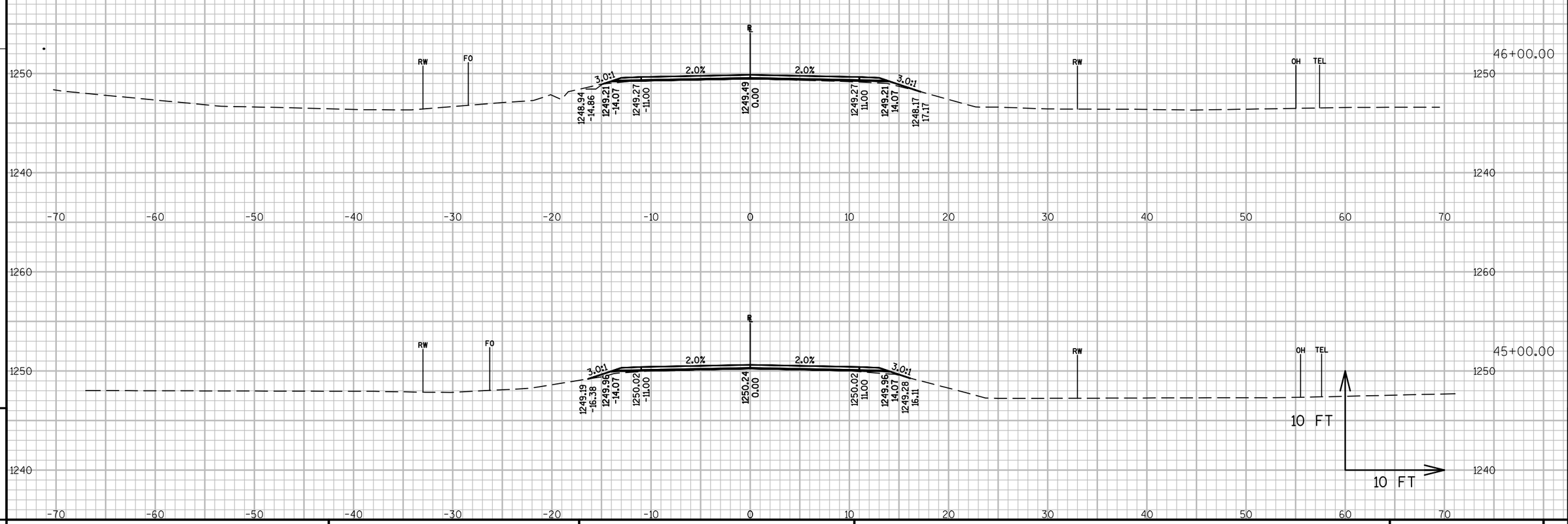


9 9

PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET 44	E

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.





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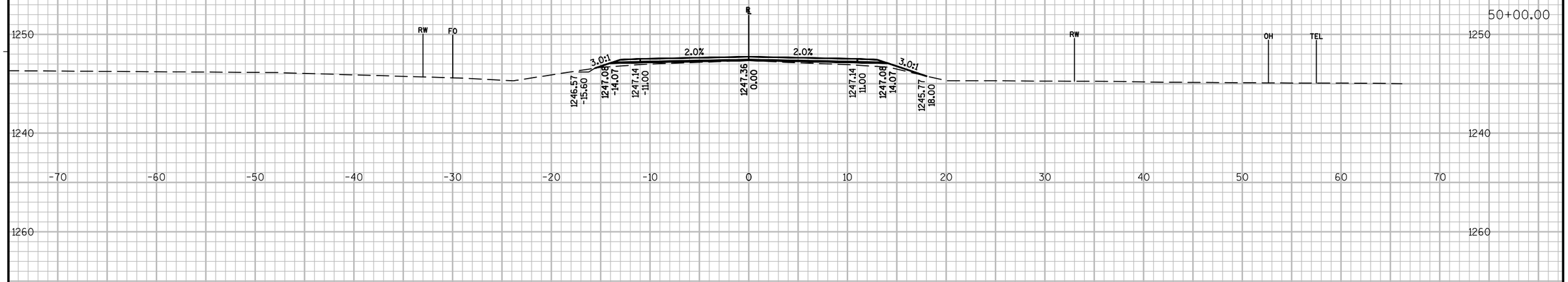
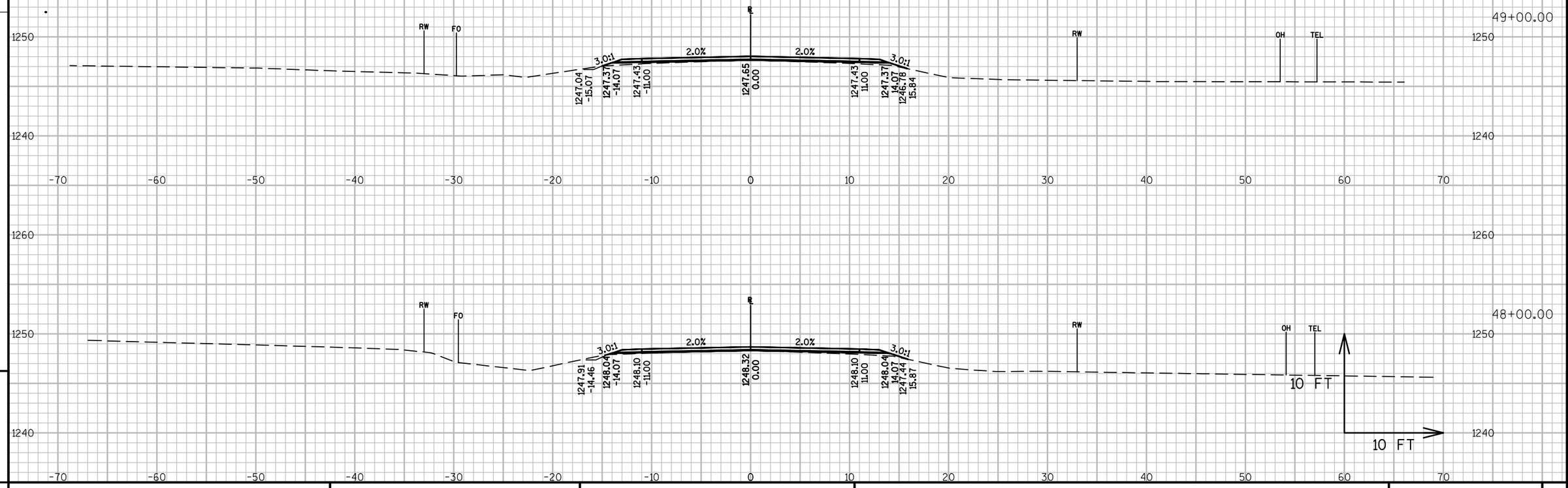
PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET 45	E

9

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.





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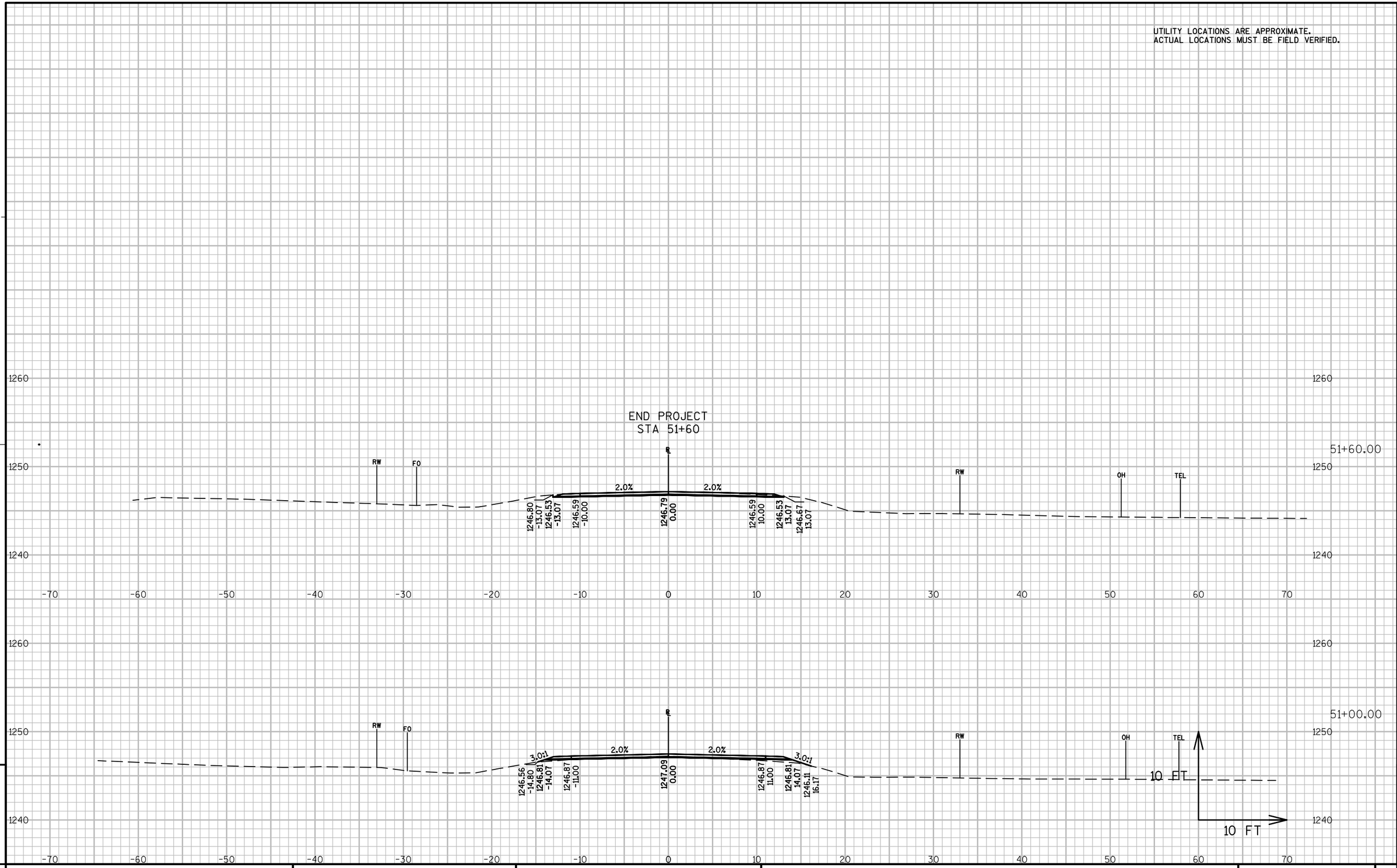
PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET	E

FILE NAME : \\SEHCF1\PROJECTS\PT\T\TURTT\127713\CIVIL 3D\SHEETSPLAN\090101_XS.DWG
PLOT DATE : 7/16/2015 4:34 PM
PLOT BY : JUSTIN SHAVLIK
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 49

UTILITY LOCATIONS ARE APPROXIMATE.
ACTUAL LOCATIONS MUST BE FIELD VERIFIED.

END PROJECT
STA 51+60



PROJECT NO: 8334-00-70	HWY: 1/2 STREET	COUNTY: BARRON	CROSS SECTIONS: 1/2 STREET	SHEET 47	E

Wisconsin Department of Transportation

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