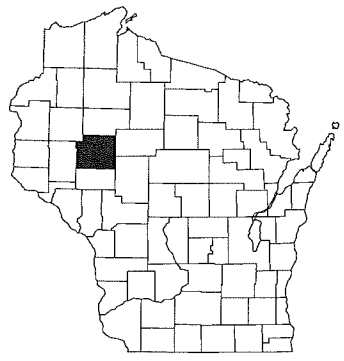


PROJECT ID: 8620-07-73
WITH:

COUNTY: CHIPPEWA

ORDER OF SHEETS	
Section No. 1	Title
Section No. 2	Typical Sections and Details
Section No. 3	Estimate of Quantities
Section No. 3	Miscellaneous Quantities
Section No. 4	Right of Way Plat
Section No. 5	Plan and Profile
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
Section No. 8	Structure Plans
Section No. 9	Computer Earthwork Data
Section No. 9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION	
A.A.D.T. 2014	= 2200
A.A.D.T. 2034	= 2500
D.H.V.	= 9.9
D.D.	= 62/38
T.	= 12.3%
DESIGN SPEED	= 55 MPH
ESALS	= 226,300

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	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

BLOOMER - BRUCE
STH 64/CTH F WEST JCT INTERSECTION
STH 40
CHIPPEWA COUNTY

STATE PROJECT NUMBER
8620-07-73

BEGIN CONSTRUCTION STH 64
STA. 8+37 STH 64

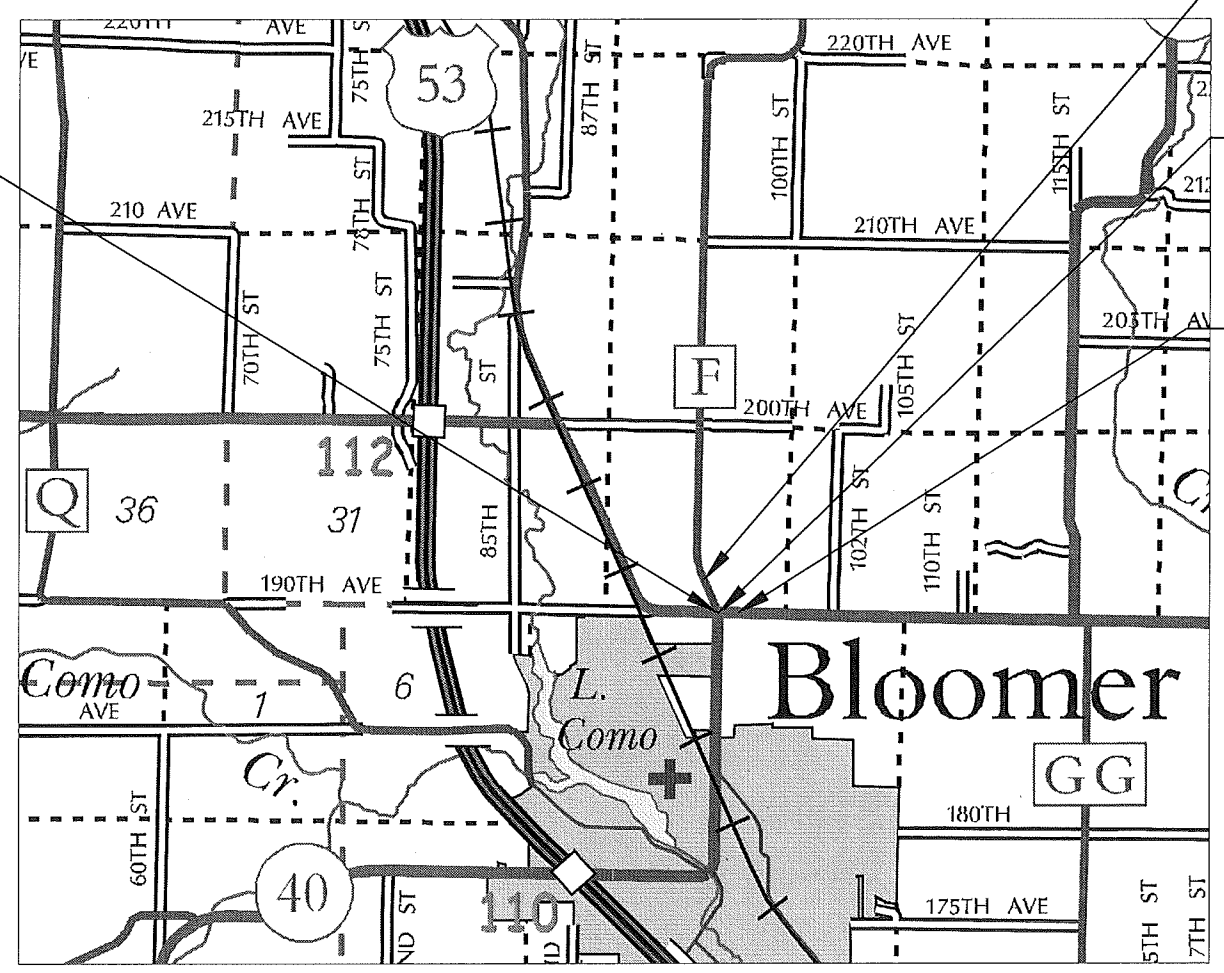
X = 146635.7632
Y = 196664.6378

END PROJECT 8620-07-73
STA. 32+00 CTH F

BEGIN PROJECT 8620-07-73
STA. 20+98.56 CTH F

X = 146798.3596
Y = 196688.3883

END CONSTRUCTION STH 64
STA. 15+37 STH 40/64



LAYOUT
SCALE 0 1/2 MILE

TOTAL NET LENGTH OF CENTERLINE = 0.204 MI. CTH F
0.126 MI. STH 40

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, CHIPPEWA COUNTY, NAD83 (2008), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	NW REGION
Surveyor	MOHAMED A. MOUNIR
Designer	STACIE LAMBELE
Project Manager	DANIEL OJIBWAY
Regional Examiner	TIMOTHY MASON
Regional Supervisor	

APPROVED FOR THE DEPARTMENT
DATE: 8/30/15 *Mark Plaudner*
(Signature)

E

GENERAL NOTES

CROSS SLOPES AS SHOWN ON THE TYPICAL SECTION WILL VARY AT URBAN INTERSECTIONS.

ALL RADII ARE MEASURED TO THE EDGE OF PAVEMENT (FLAG OF CURB) UNLESS OTHERWISE NOTED.

REMOVE ASPHALTIC SURFACE TO THE NEAREST JOINT OR A SAWED EDGE AS DIRECTED BY THE ENGINEER.

WHEN THE QUANTITY OF THE ITEMS OF BASE AGGREGATE OR SUBBASE ARE MEASURED FOR PAYMENT BY THE TON OR CUBIC YARD, THE DEPTH OR THICKNESS OF THE LAYERS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

RESHAPE AND SEED ANY PREVIOUSLY GRASSED AREAS THAT ARE DISTURBED BY OPERATIONS OUTSIDE THE NORMAL CONSTRUCTION LIMITS.

THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.

MULCH ALL SEED AND FERTILIZED AREAS, IN THE PERFORMANCE OF THE WORK UNDER THE ITEM MULCHING AS DIRECTED BY THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON OTHER PLAN SHEETS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT THAT ARE NOT SHOWN.

LOCATIONS OF PAVEMENT MARKINGS AND PERMANENT SIGNING IN THE FIELD ARE DETERMINED BY THE MUTCD & WISCONSIN SUPPLEMENT AND STANDARD DETAIL DRAWINGS. STATION AND OFFSETS PROVIDED IN THE MISCELLANEOUS QUANTITIES OR PLAN SHEETS ARE ONLY PROVIDED FOR APPROXIMATE LOCATING AND CONTRACT ADMINISTRATION. INSTALL W14-3 SIGNS AFTER LOCATING NO-PASSING ZONES IS COMPLETE.

DESIGN CONTACT

8620-07-03,73 ROADWAY DESIGN

WISCONSIN DEPT. OF TRANSPORTATION
NW REGION - EAU CLAIRE OFFICE
718 W. CLAIREMONT AVENUE
EAU CLAIRE, WI 54701
715-836-2891

COUNTY CONTACTS

CHIPPEWA COUNTY

HIGHWAY COMMISSIONER
BRUCE STELZNER
801 EAST GRAND AVENUE
CHIPPEWA FALLS, WI 54729
715-726-7914
bstelzner@co.chippewa.wi.us

ENVIRONMENTAL CONTACTS

DEPT. OF NATURAL RESOURCES

WISCONSIN DNR WEST CENTRAL REGION
CHRIS WILLGER
ENVIRONMENTAL ANALYSIS AND REVIEW SPECIALIST
1300 W. CLAIREMONT AVENUE
PO BOX 4001
EAU CLAIRE, WI 54702-4001
715-839-1609
christopher.j.willger@wisconsin.gov

24 HOUR SPILLS HOTLINE
800-943-0003

UTILITY CONTACTS

WE ENERGIES -
GAS/PETROLEUM
EMERGENCY CONTACT
1-800-261-5325
SEND ALL CORRESPONDENCE TO:
LATROY BRUMFIELD
333 WEST EVERETT ST
MILWAUKEE, WI 53203
(414) 221-5617
LaTroy.Brumfield@we-energies.com
CONSTRUCTION FIELD CONTACT:
LEWIS KNAPP
1921 8TH ST SOUTH
WISCONSIN RAPIDS, WI 54494
715-421-7259

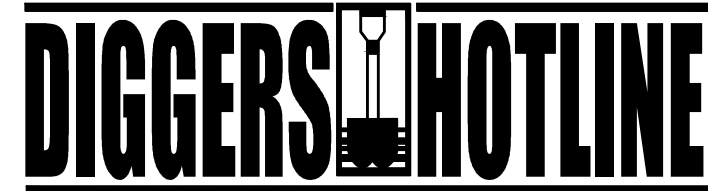
XCEL ENERGY
SEND ALL CORRESPONDENCE TO:
DAWN SCHULTZ
1414 W HAMILTON AVE
PO BOX 8
EAU CLAIRE, WI 54702-0008
715-737-2482
dawn.schultz@xcelenergy.com

ELECTRICITY - DISTRIBUTION
STACY HAUGEN
2911 S PIONEER AVE
RICE LAKE, WI 54868
OFFICE 715-236-5721
MOBILE 715-579-9710

BLOOMER TELEPHONE COMPANY -
COMMUNICATION LINE
STEVE HEBERT
1120 15TH AVENUE
BLOOMER, WI 54724
715-568-4830
blmr@telc@bloomer.net

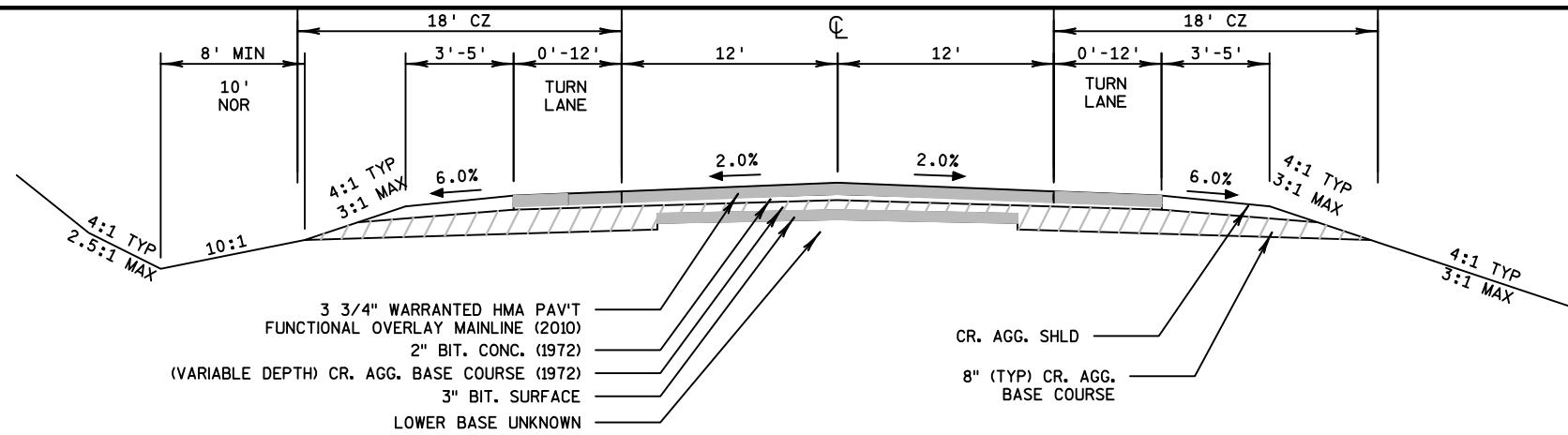
LIST OF STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AH	AHEAD
ASPH	ASPHALTIC
AADT	ANNUAL AVERAGE DAILY TRAFFIC
BK.	BACK
BM	BENCH MARK
BR	BRANCH
CONC	CONCRETE
CACP	CORRUGATED ALUMINUM CULVERT PIPE
CSCP	CORRUGATED STEEL CULVERT PIPE
CTH	COUNTY TRUNK HIGHWAY
CR	CREEK
CR	CRUSHED
CY or CUYD	CUBIC YARD
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DD	DIRECTIONAL DISTRIBUTION
DL	DITCH LINE / TOE OF SLOPE
EB	EASTBOUND
EL or ELEV	ELEVATION
EMB	EMBANKMENT
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
EXP	EXPANSION
FE	FIELD ENTRANCE
HES	HIGH EARLY STRENGTH
CWT	HUNDRED WEIGHT
LT	LEFT
LHF	LEFT HAND FORWARD
LF	LINEAR FOOT
LS	LUMP SUM
MH	MANHOLE
NC	NORMAL CROWN
PAVT	PAVEMENT
PLE	PERMANENT LIMITED EASEMENT
PT	POINT
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENCY
POC	POINT ON CURVE
POT	POINT ON TANGENT
PE	PRIVATE ENTRANCE
PL	PROPERTY LINE
R	RADIUS
RP	RADIUS POINT
R	RANGE
REBAR	REINFORCEMENT BAR
REQD	REQUIRED
RT	RIGHT
RHF	RIGHT-HAND-FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RD	ROAD
SALV	SALVAGED
SEC	SECTION
SF	SQUARE FEET
SI	SLOPE INTERCEPT
SY	SQUARE YARD
SS	SLOPED SECTION
STH	STATE TRUNK HIGHWAY
STA	STATION
SE	SUPERELEVATION
T	TANGENT
TEL	TELEPHONE
TEMP	TEMPORARY
TC	TOP OF CURB
T or TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
UG	UNDERGROUND
USH	UNITED STATES HIGHWAY
VAR	VARIABLE
V	VELOCITY or DESIGN SPEED
VERT	VERTICAL
VC	VERTICAL CURVE
VPC	VERTICAL POINT OF CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENCY
VAR	VARIABLE
WB	WESTBOUND

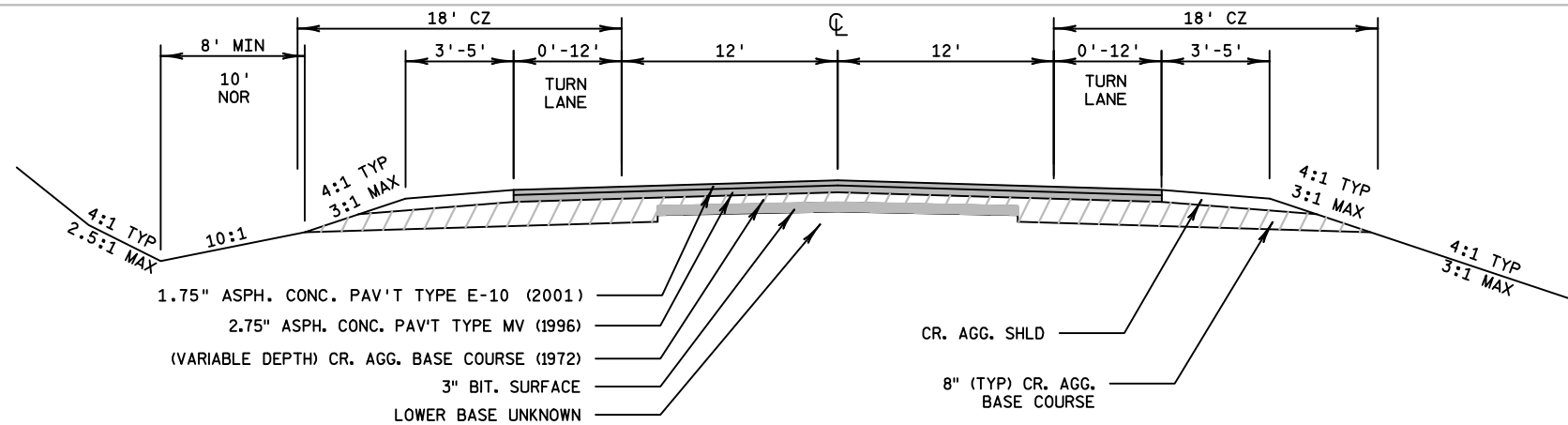


Dial 811 or (800)242-8511

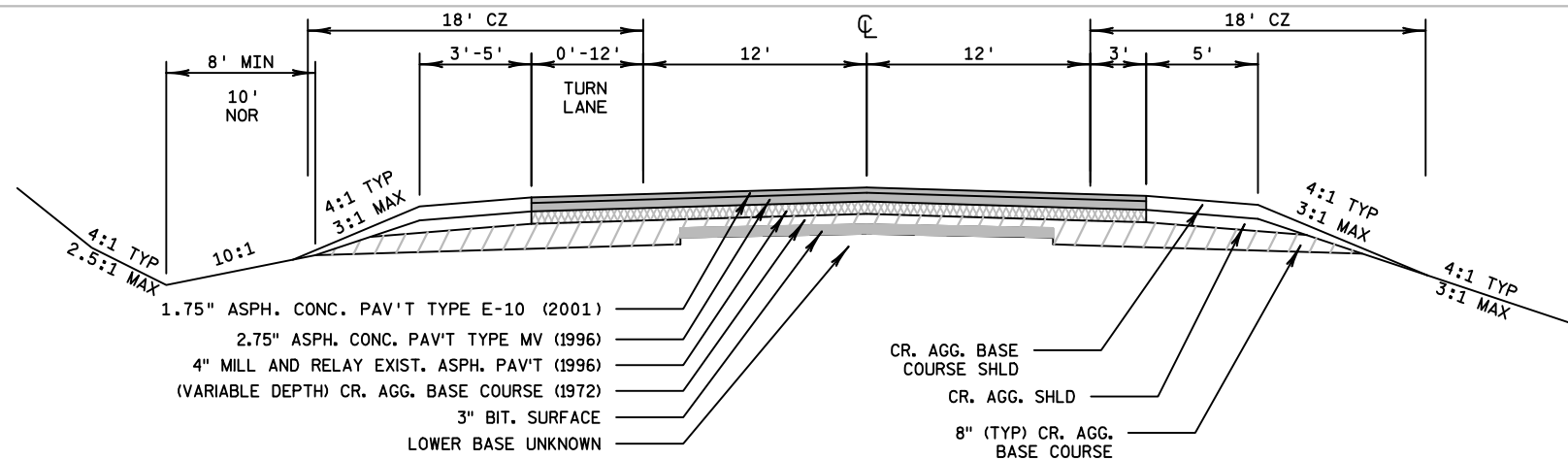
www.DiggersHotline.com



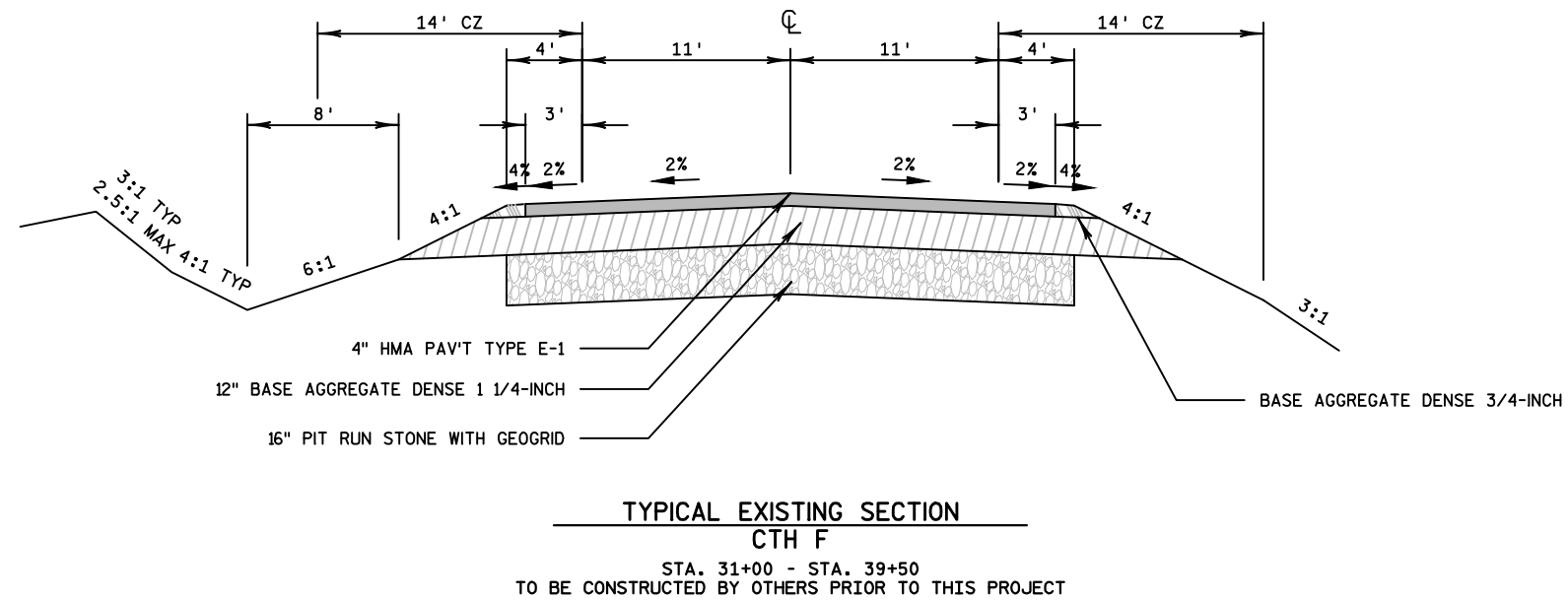
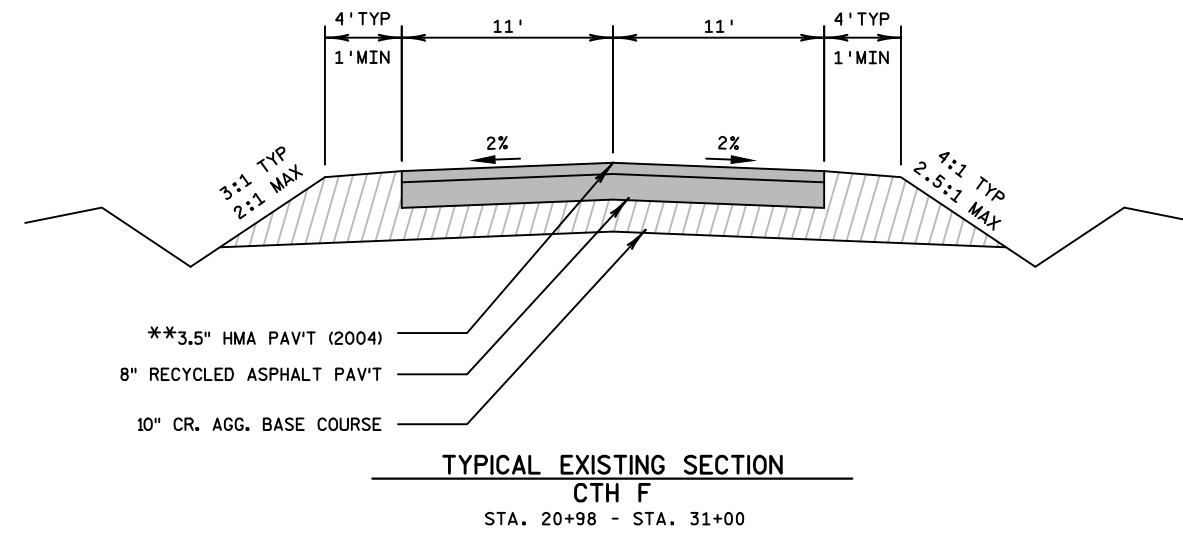
TYPICAL EXISTING SECTION
STH 64
STA. 4+06'STH 64' - STA. 8+37.44'STH 64'

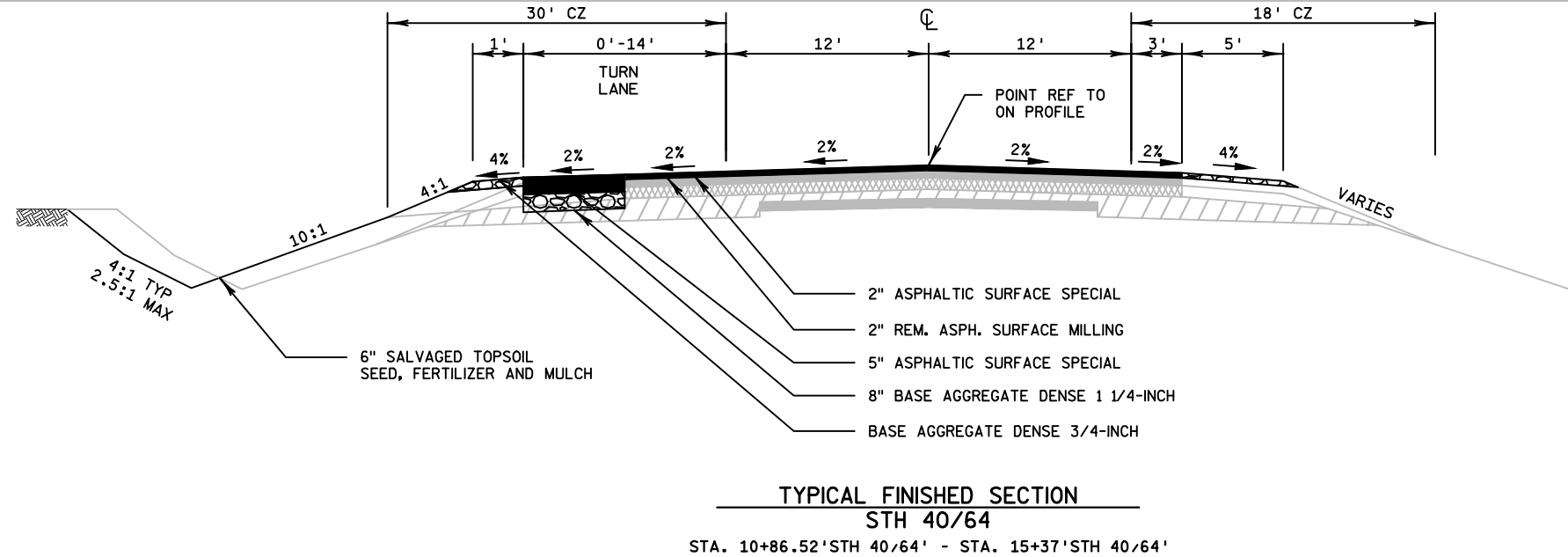


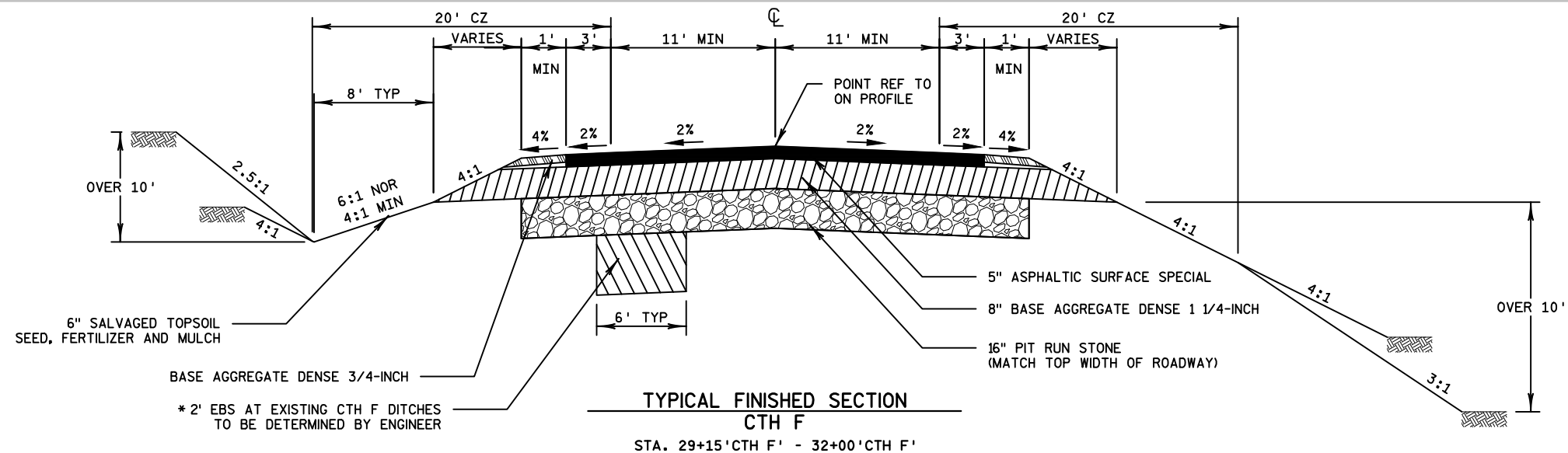
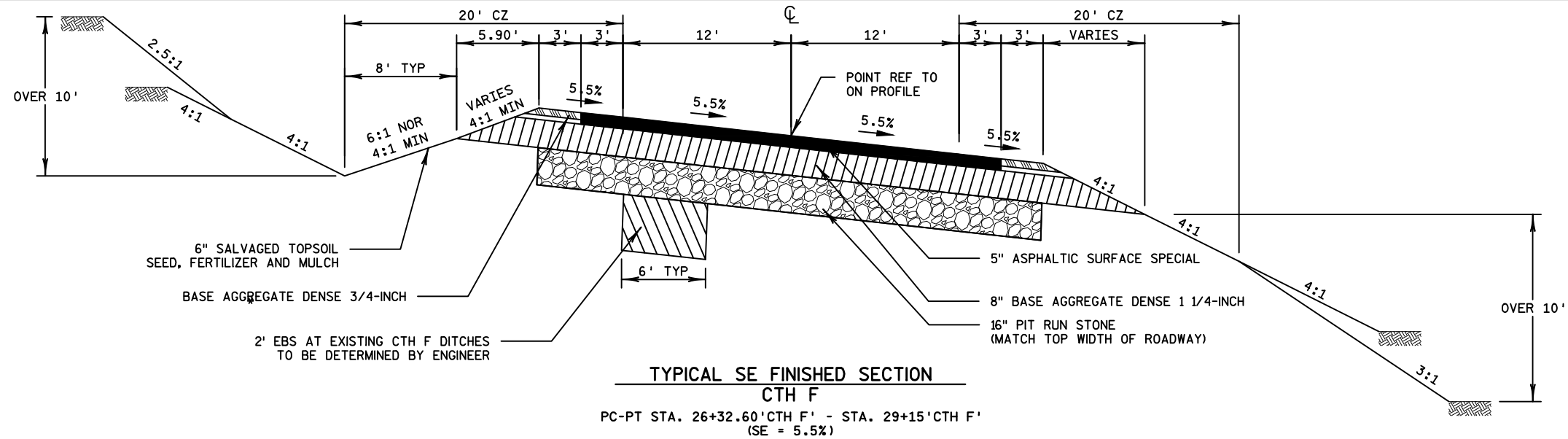
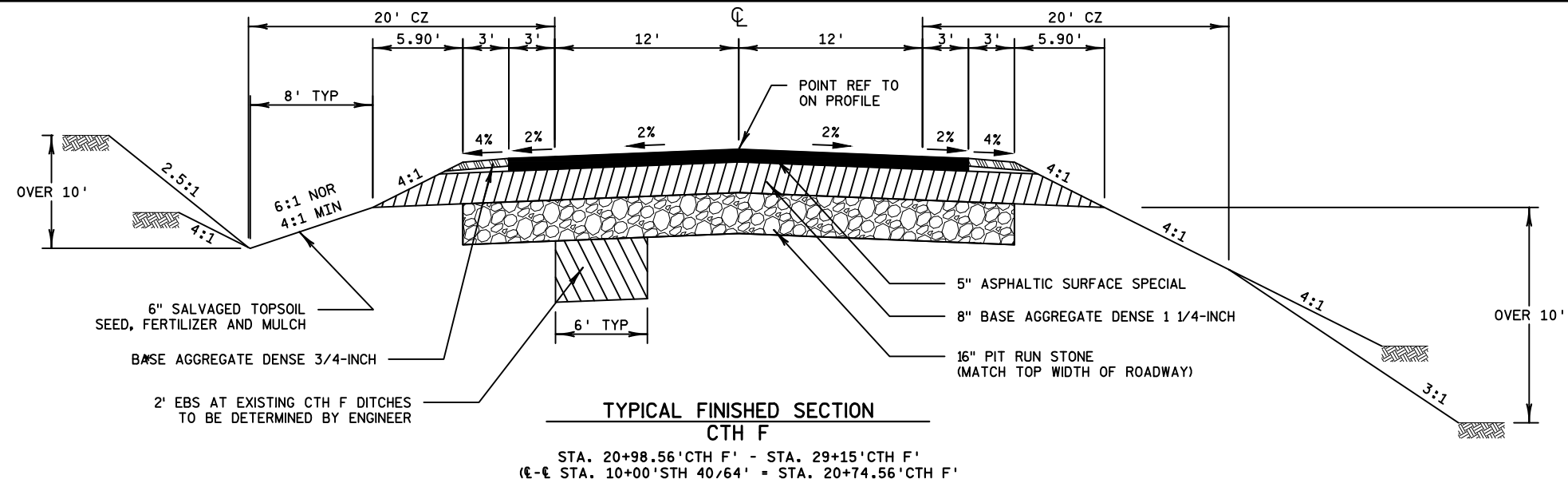
TYPICAL EXISTING SECTION
STH 40/64
STA. 8+37.44'STH 40/64' - STA. 12+00.00'STH 40/64'

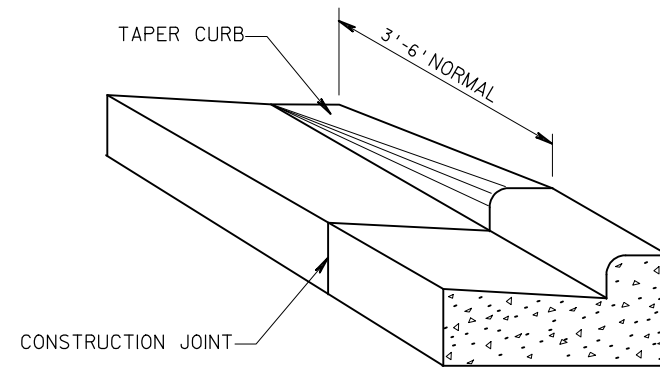


TYPICAL EXISTING SECTION
STH 40/64
STA. 12+00'STH 40/64' - STA. 16+00.00'STH 40/64'

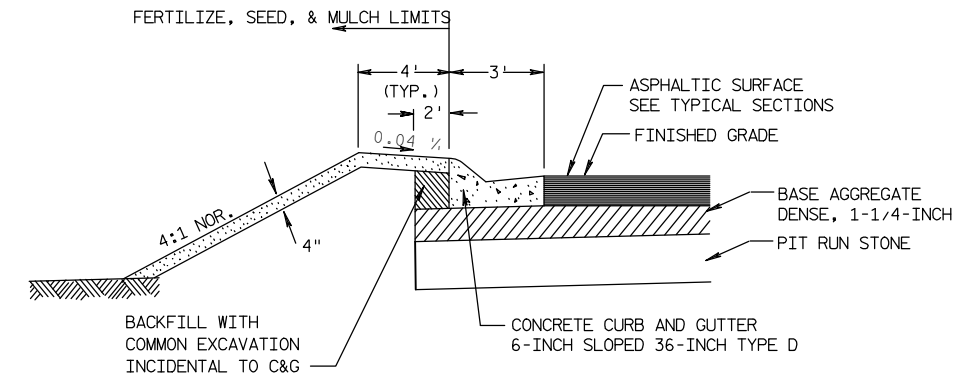




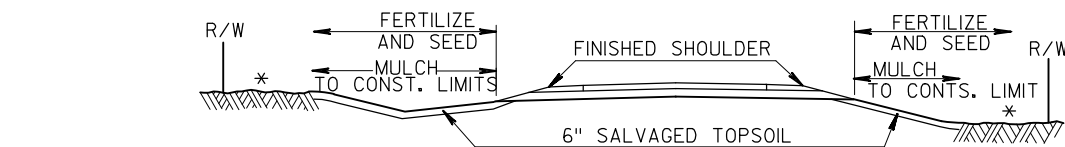




DETAIL OF CURB & GUTTER TERMINI

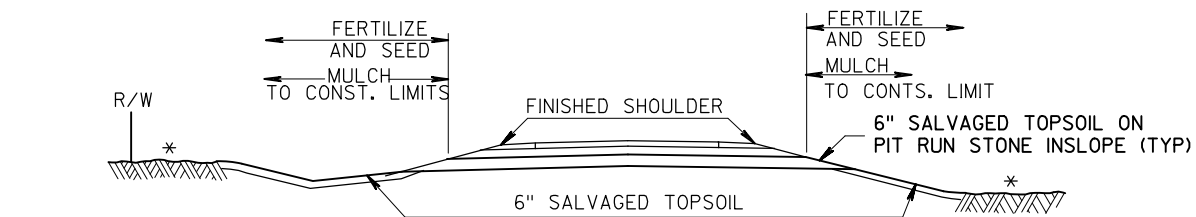


BERM DETAIL BEHIND 36-INCH SLOPED CURB & GUTTER



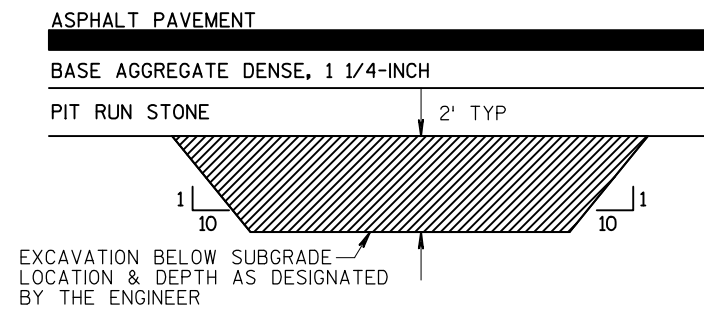
* DISTURBED AREAS TO BE
FERTILIZED, SEEDED, & MULCHED

ROADWAYS WITHOUT SUBGRADE TREATMENT
DETAIL FOR FINISHING ITEMS

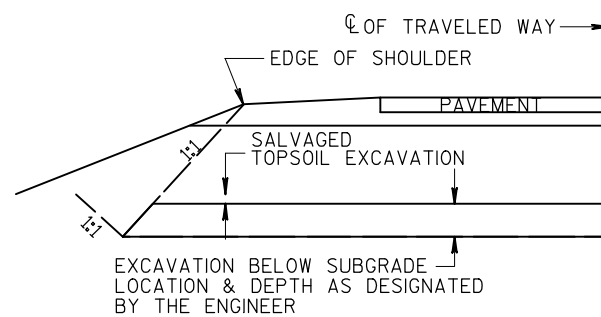


* DISTURBED AREAS TO BE
FERTILIZED, SEEDED, & MULCHED

ROADWAYS WITH SUBGRADE TREATMENT
DETAIL FOR FINISHING ITEMS

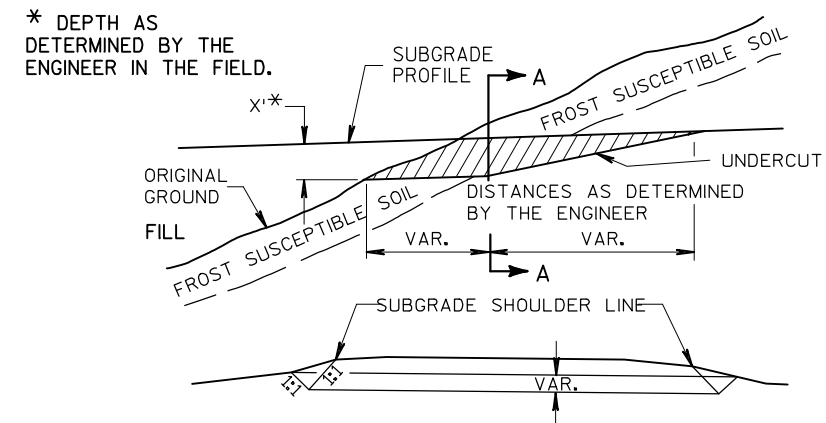


PROFILE VIEW



CROSS SECTION VIEW

DETAIL FOR EXCAVATION BELOW SUBGRADE

SECTION A-A
CROSS SECTION SHOWING UNDERCUT

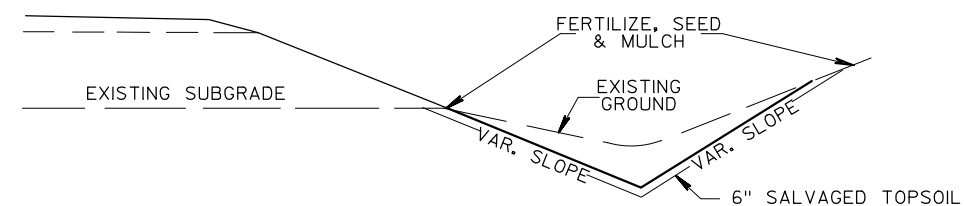
NOTE: EXACT LOCATIONS AND EXTENT OF E.B.S. SECTIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

E.B.S. AREA TO BE BACKFILLED WITH MATERIAL ACCEPTABLE TO THE ENGINEER

BACKFILL MUST BE HOMOGENEOUS WITH ADJOINING FILL MATERIAL.

THE FILL SECTION WITHIN 100' OF THE MOUTH OF THE CUT MUST BE KEPT 2' BELOW SUBGRADE UNTIL E.B.S. IS COMPLETED.

DETAIL FOR EXCAVATION BELOW SUBGRADE



GRADING & SHAPING EXISTING DITCH

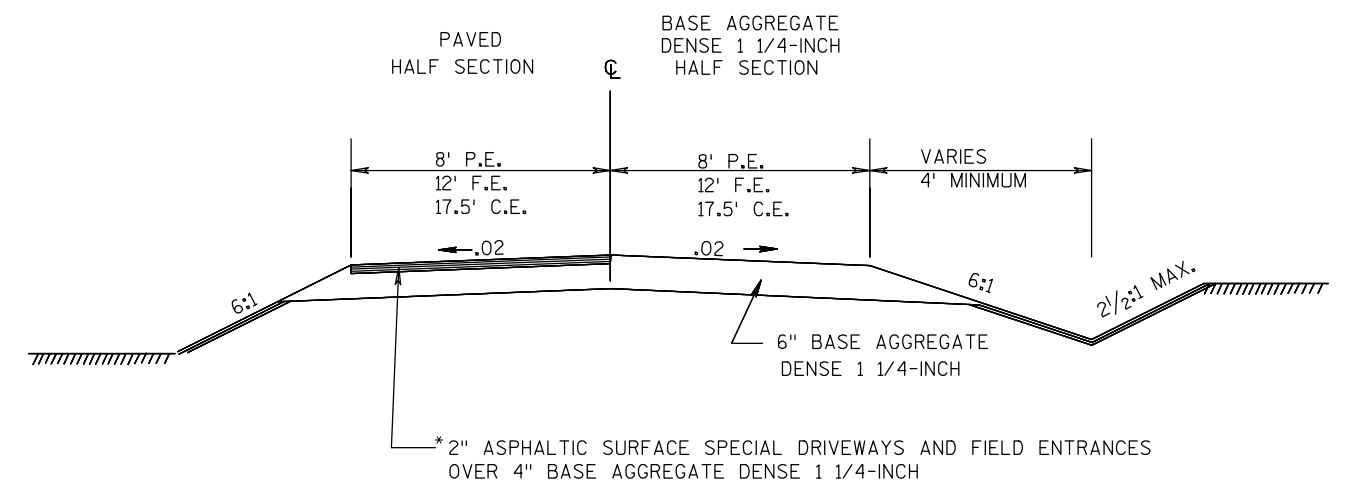
TYPICAL DRIVEWAY DETAIL
(NON-COMMERCIAL RURAL)

TYPICAL DRIVEWAY DETAIL
(COMMERCIAL RURAL)

RURAL DRIVEWAY DETAIL - BASE AGGREGATE

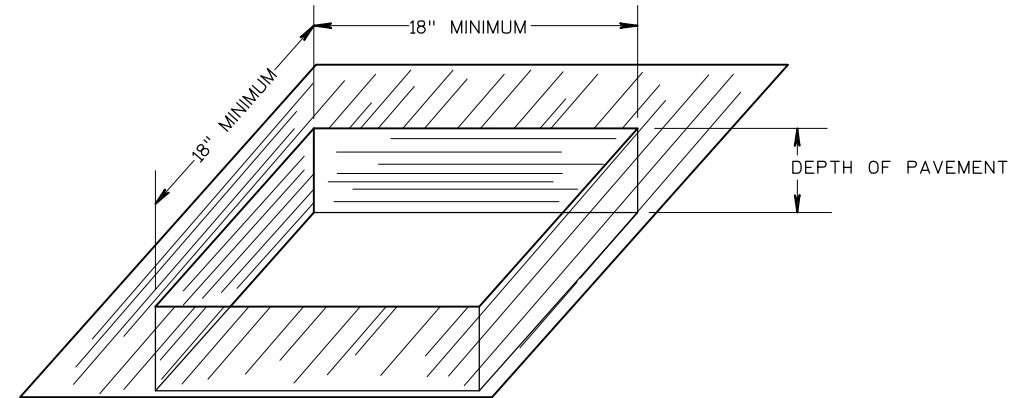
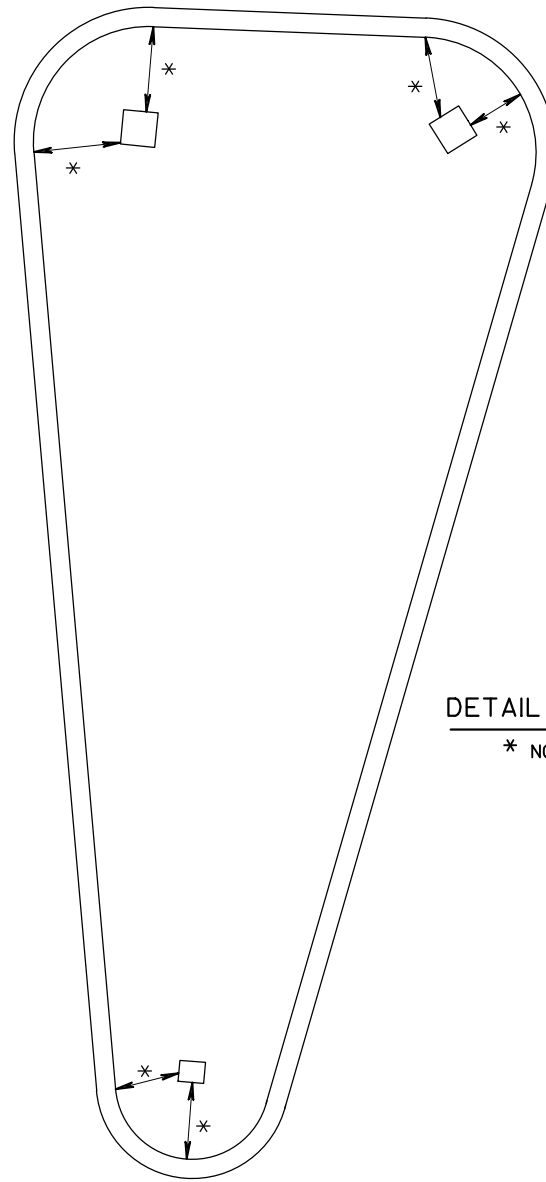
LIMITS AS
DIRECTED BY
ENGINEER

— PAID UNDER ITEM - "BASE AGGREGATE DENSE, 1 1/4-INCH"
WHICH SHALL INCLUDE ANY REMOVAL AND SHAPING NECESSARY
TO COMPLETE THIS AREA.
ANY ADDITIONAL AGGREGATE REQUIRED SHALL BE PAID UNDER ITEM
"BASE AGGREGATE DENSE, 1 1/4-INCH."



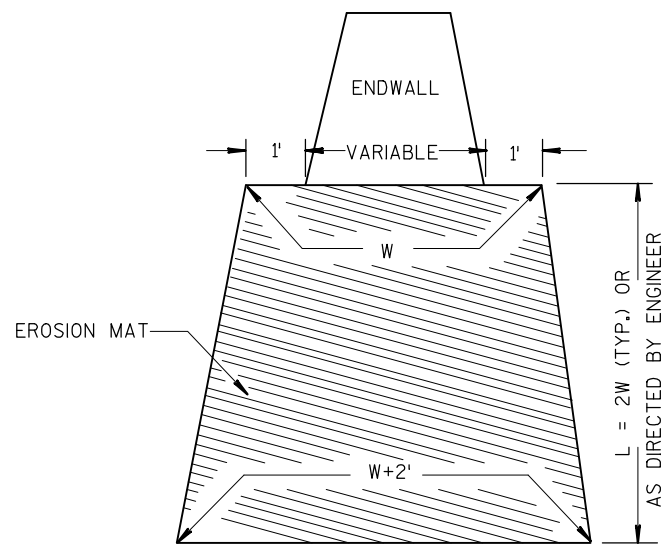
* OR MATCH EXISTING
ASPHALT DEPTH

NOTE:
DRIVEWAY PROFILES NOT EXPECTED TO EXCEED
10%. PLACE LOW POINT OF DRIVEWAY PROFILE
OVER DITCH FLOW LINE.

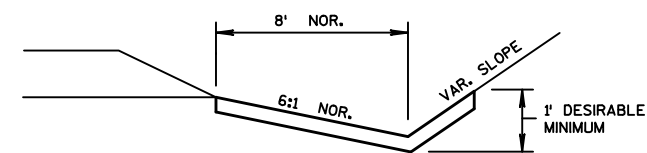


DETAIL OF OPENINGS IN ISLAND FOR SIGN PLACEMENT

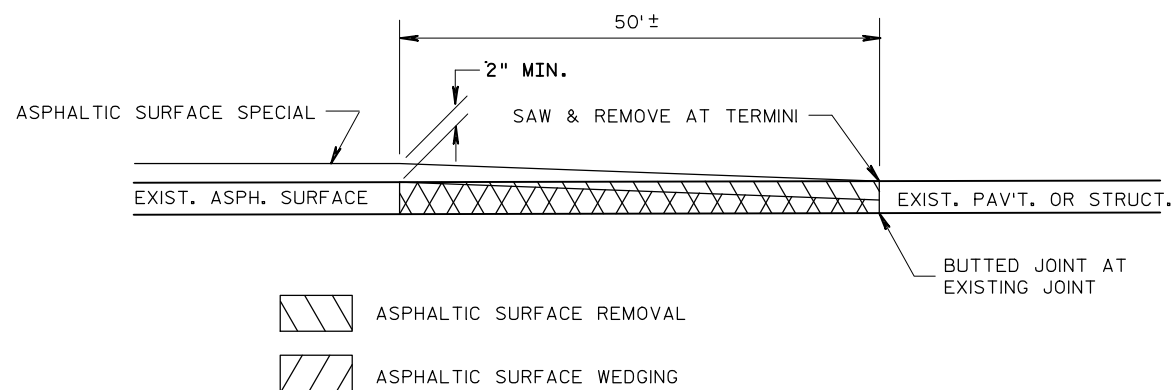
* NOTE: ALL SQUARED OPENINGS IN ISLAND FOR SIGN PLACEMENTS SHALL BE DETERMINED BY SIGN SIZE AND NUMBER. A 2" MINIMUM FROM BACK OF CURB IS REQUIRED.



EROSION MAT TREATMENT AT CULVERTS



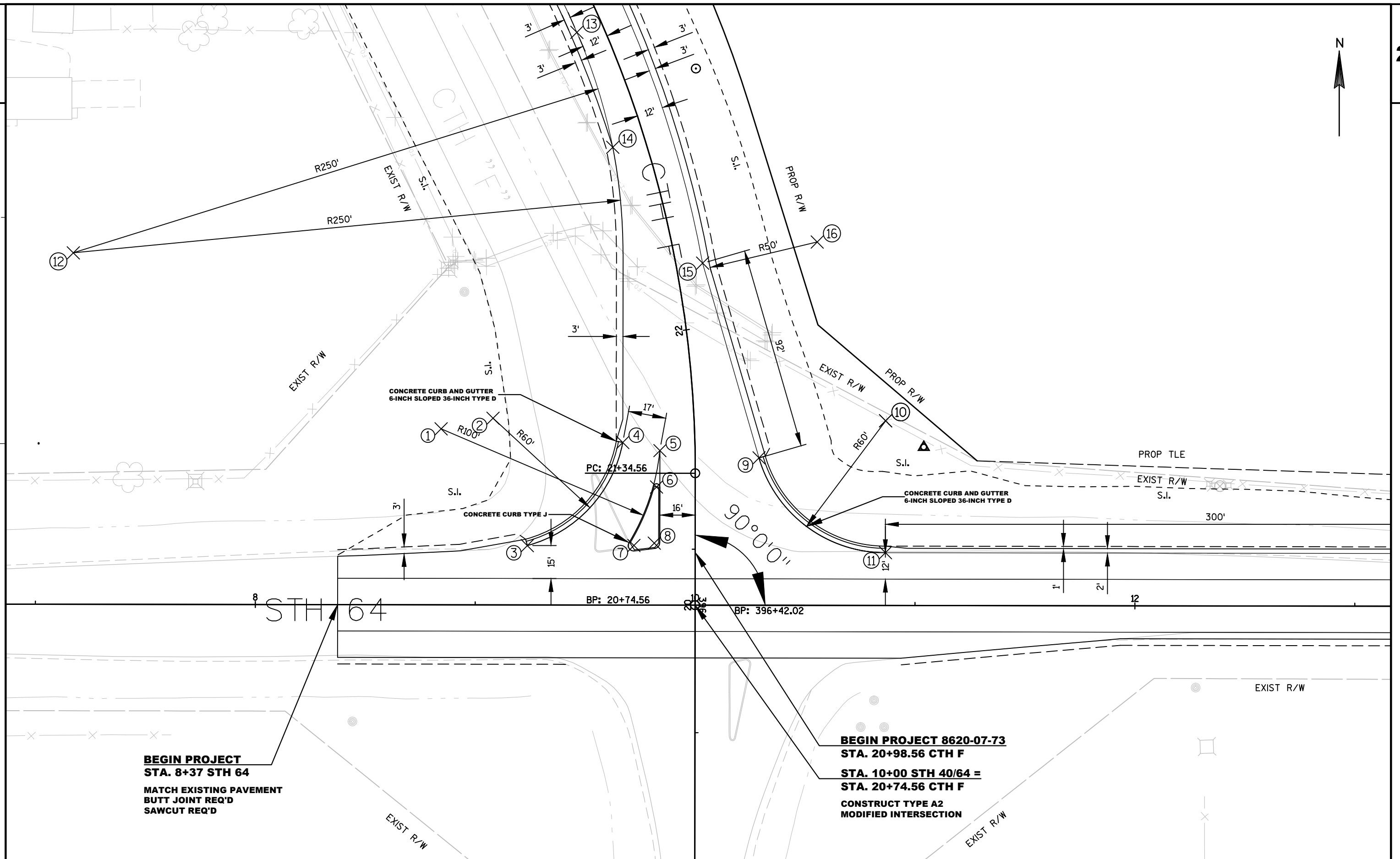
EROSION MAT DETAIL FOR DITCHES



OVERLAP JOINT, BUTTED DETAIL

2

2



BEGIN PROJECT
STA. 8+37 STH 64
MATCH EXISTING PAVEMENT
BUTT JOINT REQ'D
SAWCUT REQ'D

BEGIN PROJECT 8620-07-73
STA. 20+98.56 CTH F
STA. 10+00 STH 40/64 =
STA. 20+74.56 CTH F
CONSTRUCT TYPE A2
MODIFIED INTERSECTION

PROJECT NO: 8620-07-73

HWY: STH 40

COUNTY: CHIPPEWA

INTERSECTION DETAILS: CTH F

SHEET

E

FILE NAME : N:\PDS\C3D\86200703\SHEETS\PLAN\021101_ID-CTHF.DWG
LAYOUT NAME - 021101_ID-CTHF

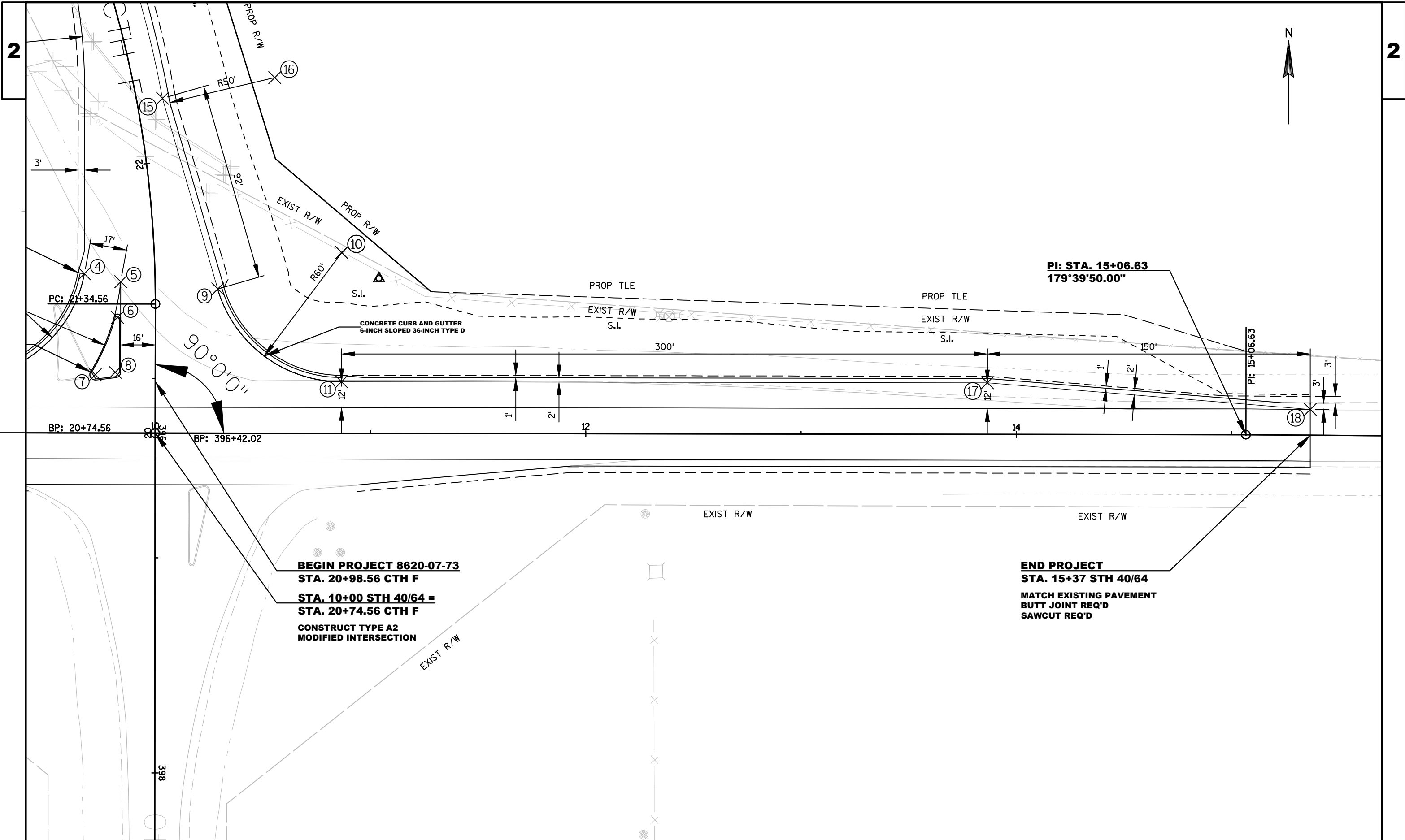
PLOT DATE : 2/26/2015 2:31 PM

PLOT BY : MOUNIR, MOHAMED A

PLOT NAME :

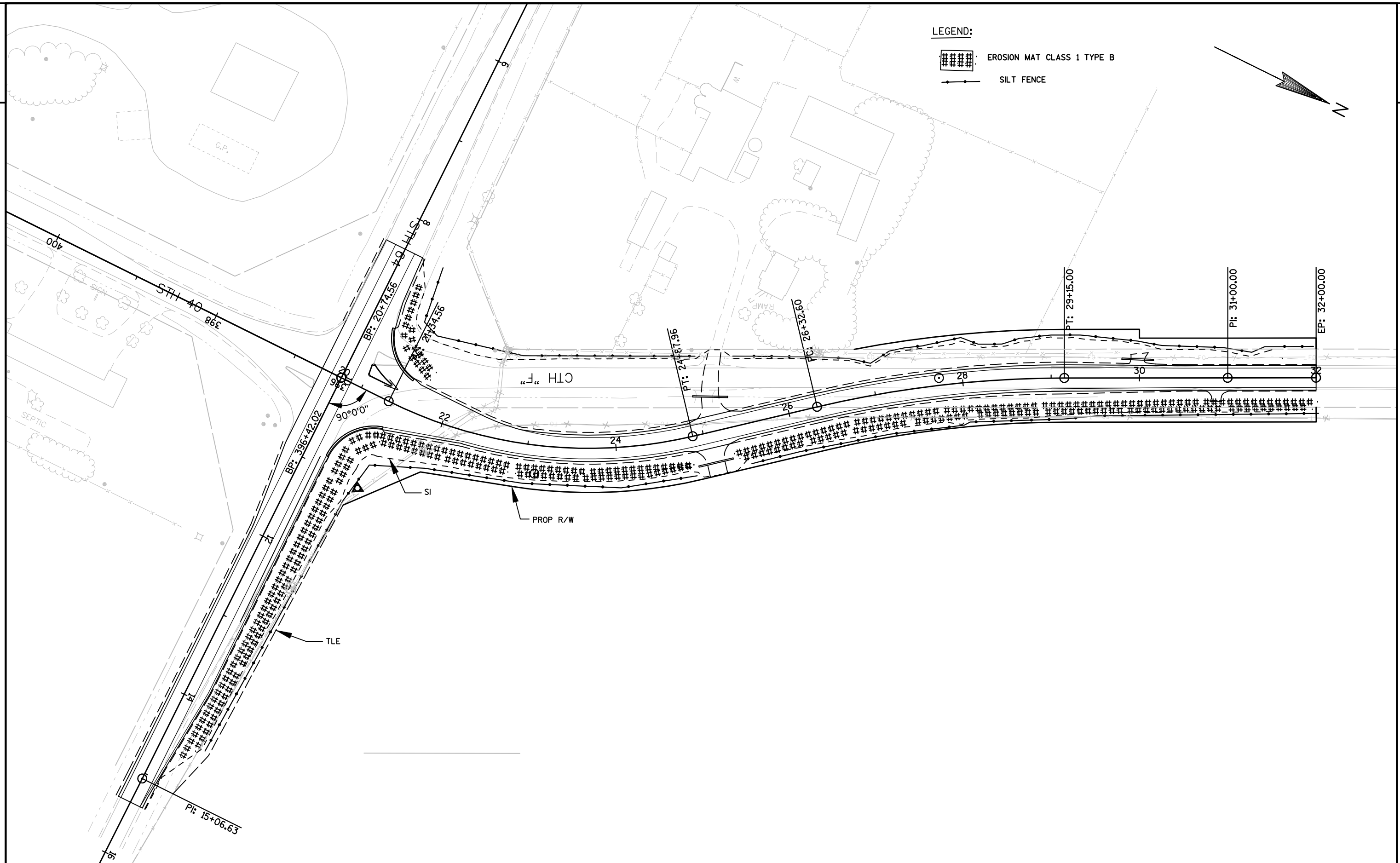
PLOT SCALE : 1 IN:40 FT

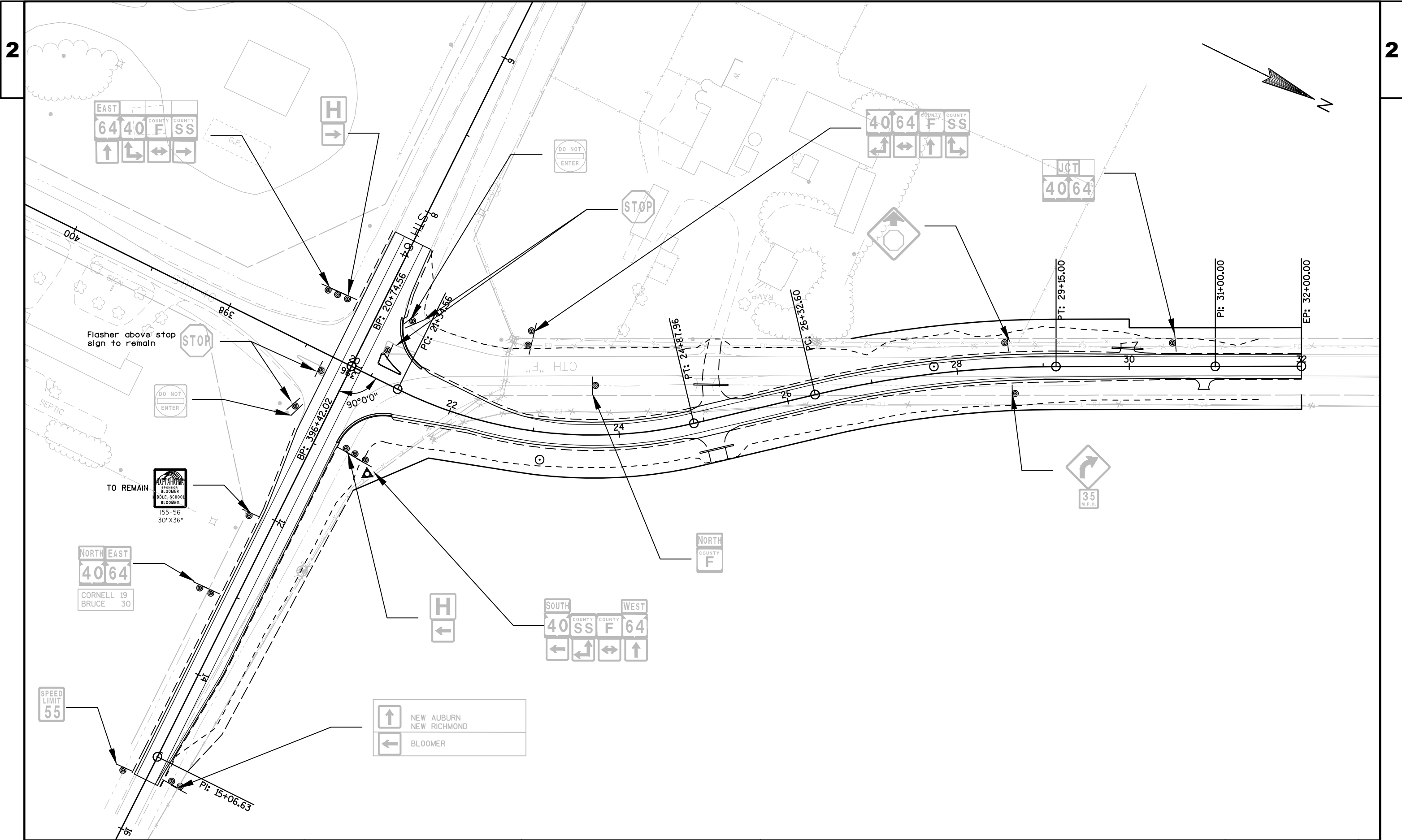
WISDOT/CADDs SHEET 42



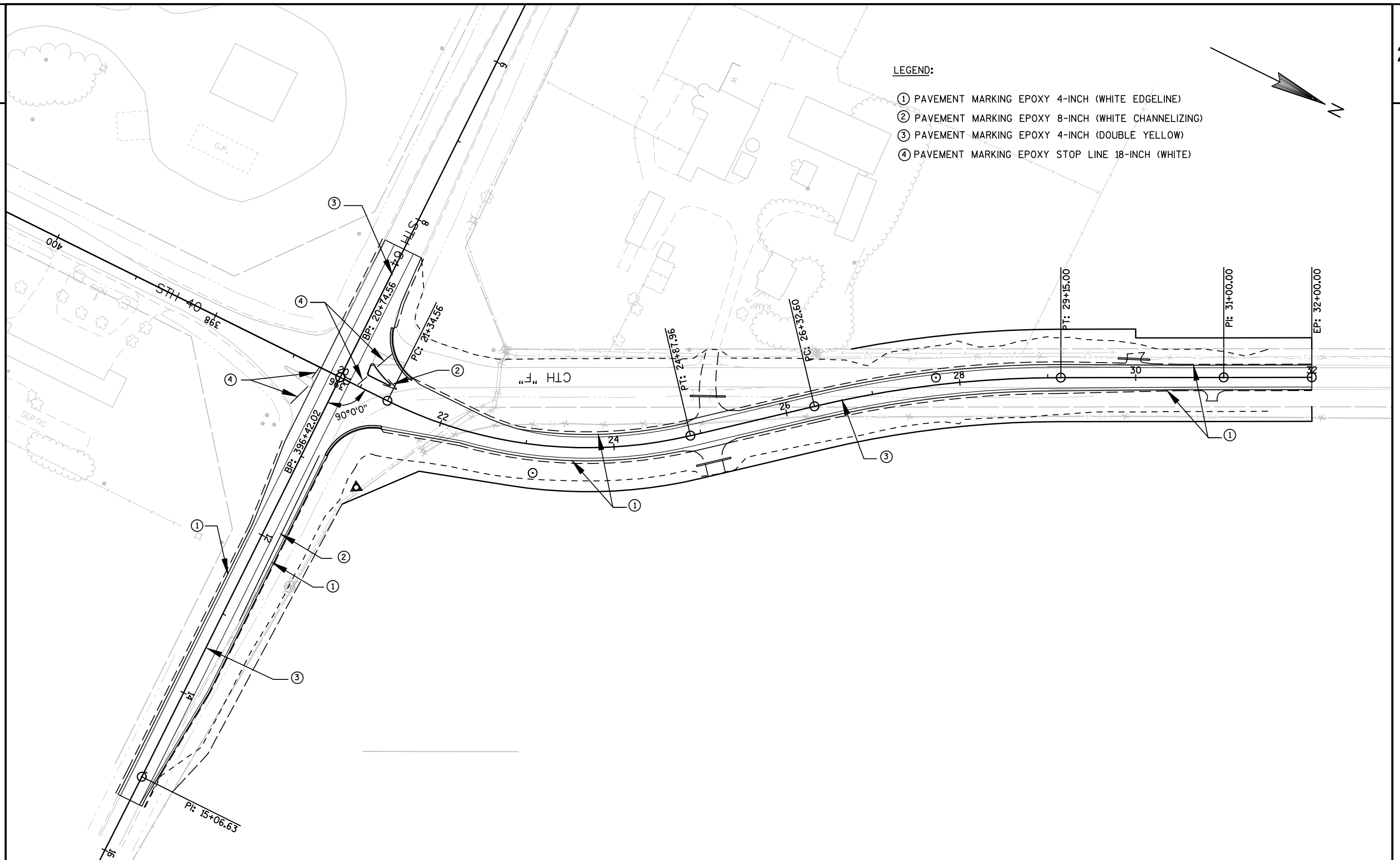
PROJECT NO:8620-07-73	HWY:STH 40	COUNTY:CHIPPEWA	INTERSECTION DETAILS: CTH F	SHEET	E
-----------------------	------------	-----------------	-----------------------------	-------	---

POINT	CTH F STATION	OFFSET (FT)	LT/RT	STH 64 STATION	OFFSET (FT)	LT/RT	NORTHING	EASTING	RADIUS
1	21+60.50	115.12	LT	8+84.37	80.08	LT	196744.640	146682.817	100.0'
2	21+64.92	91.26	LT	9+08.00	84.92	LT	196749.444	146706.456	60.0'
3	21+01.56	76.32	LT	9+23.68	27.00	LT	196691.506	146722.047	
4	21+49.52	32.79	LT	9+67.00	74.00	LT	196738.439	146765.438	
5	21+45.19	16.00	LT	9+83.89	70.30	LT	196734.713	146782.323	
6	21+28.29	17.61	LT	9+82.39	53.73	LT	196718.144	146780.798	1.5'
7	21+01.67	27.87	LT	9+72.13	27.11	LT	196691.542	146770.492	2.5'
8	21+02.78	18.61	LT	9+81.39	28.22	LT	196692.636	146779.759	2.5'
9	21+41.23	29.01	RT	10+28.96	67.05	LT	196731.394	146827.387	
10	21+55.07	87.00	RT	10+86.52	84.00	LT	196748.256	146884.969	60.0'
11	20+98.56	86.52	RT	10+86.52	24.00	LT	196688.256	146884.877	
12	23+45.94	262.00	LT	7+17.00	159.87	LT	196824.695	146515.570	250.0'
13	23+45.94	12.00	LT	9+45.83	260.55	LT	196925.021	146744.556	
14	22+89.71	15.00	LT	9+62.27	208.27	LT	196872.720	146760.914	
15	22+28.50	12.00	RT	10+03.17	155.61	LT	196819.994	146801.731	
16	22+28.50	65.00	RT	10+55.27	165.32	LT	196829.621	146853.849	50.0'
17	20+98.56	386.52	RT	13+86.52	24.00	LT	196687.795	147184.877	
18	20+86.38	536.52	RT	15+36.45	12.00	LT	196675.390	147334.858	









WORK ZONE TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL DRUM
- ▨ WORK ZONE
- ➔ DIRECTION OF TRAFFIC
- ⊥ BARRICADE TYPE III

TRAFFIC CONTROL

CONTROL TRAFFIC WITH FLAGGERS SEE SDD FOR TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

SEE SDD FOR TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC FOR PLACEMENT OF ADVANCED WORK ZONE SIGNING

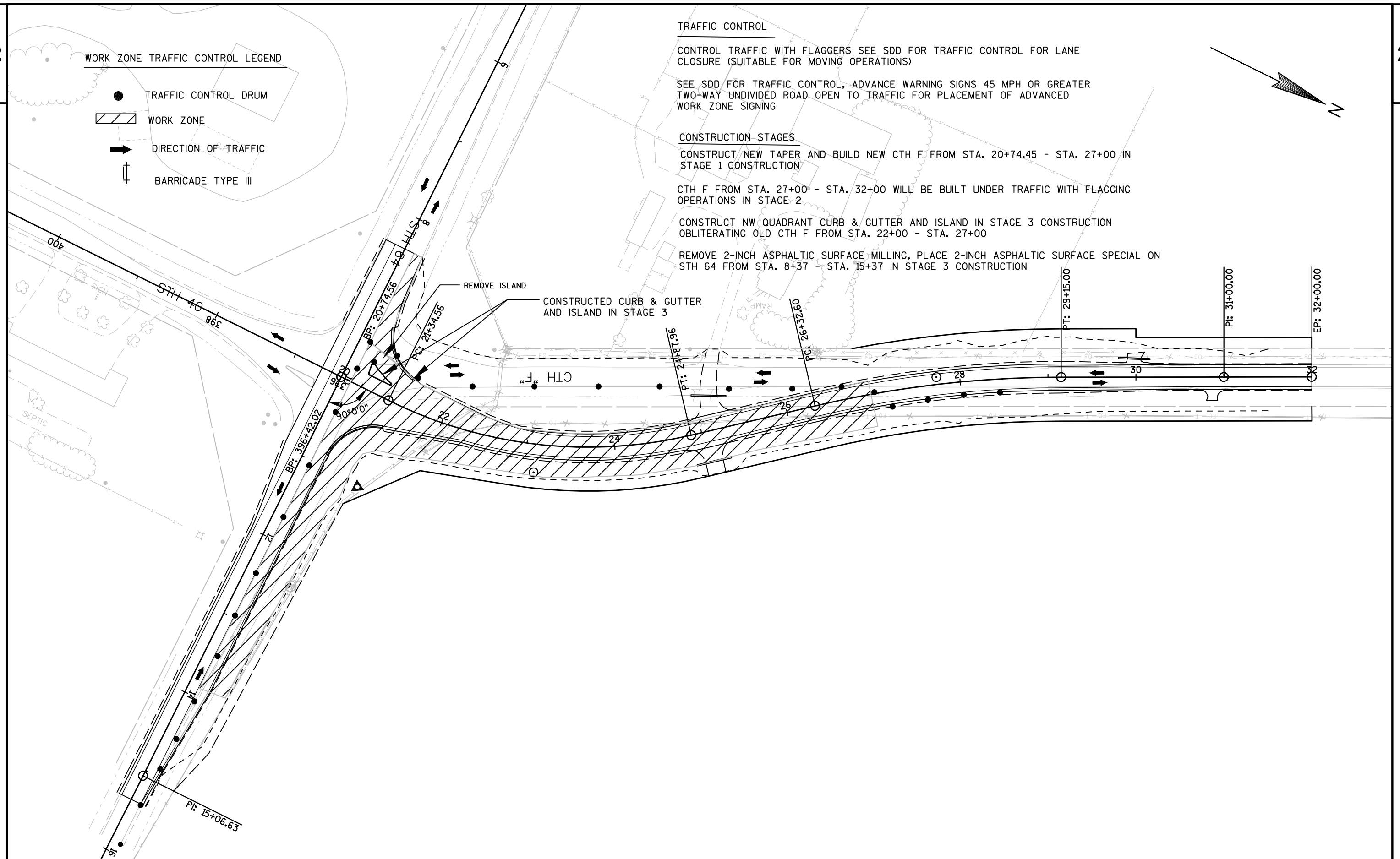
CONSTRUCTION STAGES

CONSTRUCT NEW TAPER AND BUILD NEW CTH F FROM STA. 20+74.45 - STA. 27+00 IN STAGE 1 CONSTRUCTION

CTH F FROM STA. 27+00 - STA. 32+00 WILL BE BUILT UNDER TRAFFIC WITH FLAGGING OPERATIONS IN STAGE 2

CONSTRUCT NW QUADRANT CURB & GUTTER AND ISLAND IN STAGE 3 CONSTRUCTION OBLITERATING OLD CTH F FROM STA. 22+00 - STA. 27+00

REMOVE 2-INCH ASPHALTIC SURFACE MILLING, PLACE 2-INCH ASPHALTIC SURFACE SPECIAL ON STH 64 FROM STA. 8+37 - STA. 15+37 IN STAGE 3 CONSTRUCTION



WORK ZONE TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL DRUM
- ▨ WORK ZONE
- ➔ DIRECTION OF TRAFFIC
- || BARRICADE TYPE III

TRAFFIC CONTROL

CONTROL TRAFFIC WITH FLAGGERS SEE SDD FOR TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

SEE SDD FOR TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC FOR PLACEMENT OF ADVANCED WORK ZONE SIGNING

CONSTRUCTION STAGES

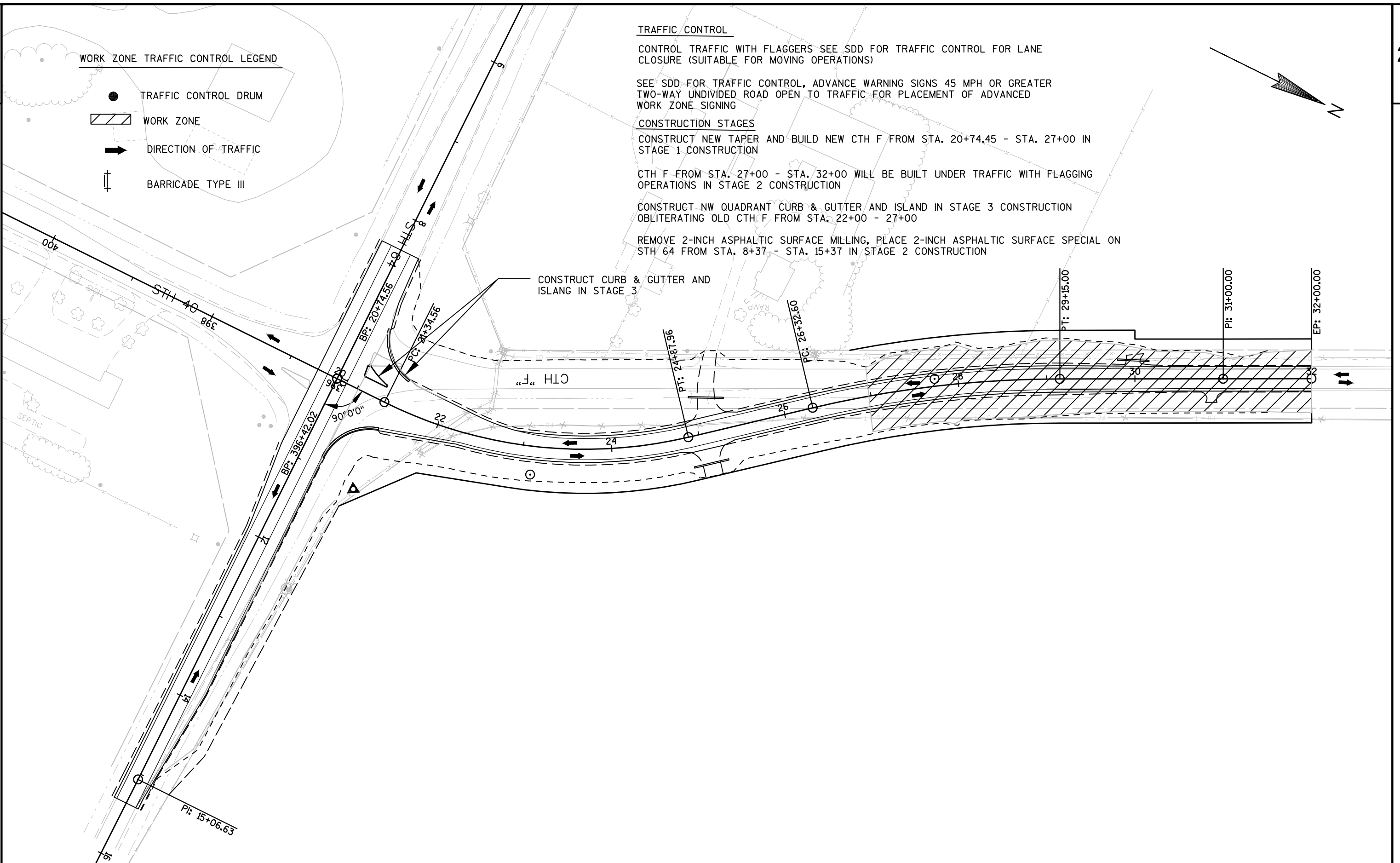
CONSTRUCT NEW TAPER AND BUILD NEW CTH F FROM STA. 20+74.45 - STA. 27+00 IN STAGE 1 CONSTRUCTION

CTH F FROM STA. 27+00 - STA. 32+00 WILL BE BUILT UNDER TRAFFIC WITH FLAGGING OPERATIONS IN STAGE 2 CONSTRUCTION

CONSTRUCT NW QUADRANT CURB & GUTTER AND ISLAND IN STAGE 3 CONSTRUCTION OBLITERATING OLD CTH F FROM STA. 22+00 - 27+00

REMOVE 2-INCH ASPHALTIC SURFACE MILLING, PLACE 2-INCH ASPHALTIC SURFACE SPECIAL ON STH 64 FROM STA. 8+37 - STA. 15+37 IN STAGE 2 CONSTRUCTION

CONSTRUCT CURB & GUTTER AND ISLAND IN STAGE 3



WORK ZONE TRAFFIC CONTROL LEGEND

- TRAFFIC CONTROL DRUM
- ▨ WORK ZONE
- ➔ DIRECTION OF TRAFFIC
- || BARRICADE TYPE III

TRAFFIC CONTROL

CONTROL TRAFFIC WITH FLAGGERS SEE SDD FOR TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

SEE SDD FOR TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC FOR PLACEMENT OF ADVANCED WORK ZONE SIGNING

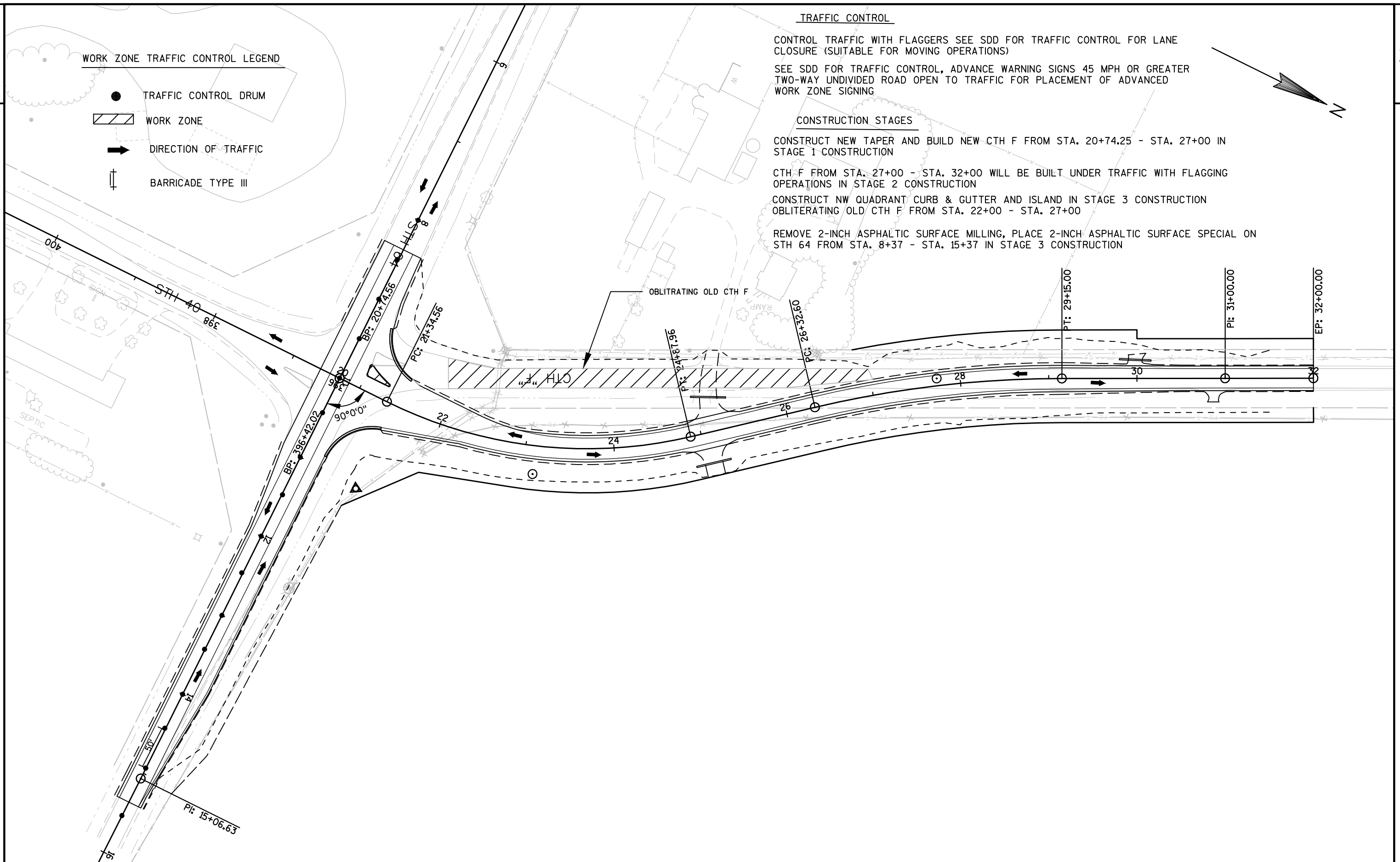
CONSTRUCTION STAGES

CONSTRUCT NEW TAPER AND BUILD NEW CTH F FROM STA. 20+74.25 - STA. 27+00 IN STAGE 1 CONSTRUCTION

CTH F FROM STA. 27+00 - STA. 32+00 WILL BE BUILT UNDER TRAFFIC WITH FLAGGING OPERATIONS IN STAGE 2 CONSTRUCTION

CONSTRUCT NW QUADRANT CURB & GUTTER AND ISLAND IN STAGE 3 CONSTRUCTION OBLITERATING OLD CTH F FROM STA. 22+00 - STA. 27+00

REMOVE 2-INCH ASPHALTIC SURFACE MILLING, PLACE 2-INCH ASPHALTIC SURFACE SPECIAL ON STH 64 FROM STA. 8+37 - STA. 15+37 IN STAGE 3 CONSTRUCTION



Alignment: CTH F				Alignment: CTH F Continued			
Tangent Data				Curve Point Data			
Description	PT Station	Northing	Easting	Description	Station	Northing	Easting
Start:	20+74.558	196664.388	146798.323	PC:	26+32.602	197161.784	146589.065
End:	21+34.558	196724.388	146798.415	RP:		197939.687	147528.888
Tangent Data				PT:	29+15.000	197398.138	146435.67
Parameter	Value	Parameter	Value	Circular Curve Data			
Length:	60	Course:	N 00° 05' 16.5553" E	Parameter	Value	Parameter	Value
				Delta:	13° 15' 44.9542"	Type:	RIGHT
Curve Point Data				Radius:	1220		
Description	Station	Northing	Easting	Length:	282.398	Tangent:	141.833
PC:	21+34.558	196724.388	146798.415	Mid-Ord:	8.162	External:	8.217
RP:		196725.171	146288.415	Chord:	281.768	Course:	N 32° 59' 01.5106" W
PT:	24+87.960	197050.36	146681.292	Tangent Data			
Circular Curve Data				Description	PT Station	Northing	Easting
Parameter	Value	Parameter	Value	Start:	29+15.000	197398.138	146435.67
Delta:	39° 42' 10.5430"	Type:	LEFT	End:	31+00.000	197563.913	146353.55
Radius:	510			Tangent Data			
Length:	353.403	Tangent:	184.129	Parameter	Value	Parameter	Value
Mid-Ord:	30.306	External:	32.221	Length:	185	Course:	N 26° 21' 09.0335" W
Chord:	346.375	Course:	N 19° 45' 48.7162" W				
				Tangent Data			
Tangent Data				Description	PT Station	Northing	Easting
Description	PT Station	Northing	Easting	Start:	31+00.000	197563.913	146353.55
Start:	24+87.960	197050.36	146681.292	End:	32+00.000	197653.521	146309.161
End:	26+32.602	197161.784	146589.065	Tangent Data			
Tangent Data				Parameter	Value	Parameter	Value
Parameter	Value	Parameter	Value	Length:	100	Course:	N 26° 21' 09.0335" W
Length:	144.641	Course:	N 39° 36' 53.9876" W				

Superelevation Data: CTH F Curve 2					
Station	Description	Left Outside Shoulder	Left Outside Lane	Right Outside Lane	Right Outside Shoulder
20+74.56	Begin Alignment	-4.00%	-2.00%	-2.00%	-4.00%
24+50.00	End Normal Shoulder	-4.00%	-2.00%	-2.00%	-4.00%
24+96.60	End Normal Crown	-4.00%	-2.00%	-2.00%	-4.00%
25+44.60	Level Crown	0.00%	0.00%	-2.00%	-4.00%
25+92.60	Reverse Crown	2.00%	2.00%	-2.00%	-4.00%
26+40.60	Low Shoulder Match	4.00%	4.00%	-4.00%	-4.00%
26+76.60	Begin Full Super	5.50%	5.50%	-5.50%	-5.50%
28+71.00	End Full Super	5.50%	5.50%	-5.50%	-5.50%
29+07.00	Low Shoulder Match	4.00%	4.00%	-4.00%	-4.00%
29+55.00	Reverse Crown	2.00%	2.00%	-2.00%	-4.00%
30+03.00	Level Crown	0.00%	0.00%	-2.00%	-4.00%
30+51.00	Begin Normal Crown	-4.00%	-2.00%	-2.00%	-4.00%
31+00.00	Begin Normal Shoulder	-4.00%	-2.00%	-2.00%	-4.00%
32+00.00	End Alignment	-4.00%	-2.00%	-2.00%	-4.00%

Alignment: STH 40				Alignment: STH 64			
Tangent Data				Tangent Data			
Description	PT Station	Northing	Easting	Description	PT Station	Northing	Easting
Start:	396+42.020	196664.388	146798.323	Start:	0+000.000	196665.923	145798.324
End:	404+61.190	195845.219	146797.304	End:	15+06.630	196663.611	147304.952
Tangent Data				Tangent Data			
Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value
Length:	819.17	Course:	S 00° 04' 16.5553" W	Length:	1506.63	Course:	S 89° 54' 43.4447" E
Tangent Data				Tangent Data			
Description	PT Station	Northing	Easting	Description	PT Station	Northing	Easting
Start:	404+61.190	195845.219	146797.304	Start:	15+06.630	196663.611	147304.952
End:	409+00.000	195406.409	146796.758	End:	23+00.000	196657.739	148098.3
Tangent Data				Tangent Data			
Parameter	Value	Parameter	Value	Parameter	Value	Parameter	Value
Length:	438.81	Course:	S 00° 04' 16.5553" W	Length:	793.37	Course:	S 89° 34' 33.4447" E

Alignment: flag-ne									
Description:									
Layer: P_ALI-Base									
Arc									
	PC N	196688.3 E	146884.9		Station	00+00			
	CC N	196748.3 E	146885						
	PI N	196688.3 E	146840		Station	00+44.88			
		TAN	44.878'						
		DB	N 89° 54' 43.45 W'''						
		DA	N 16° 19' 17.01 W'''						
		LChord Di	71.875'	Bearing	N 53° 7' 0.23 W"				
		External D	14.927'						
		Middle Or	11.953'						
		Radius	60.000'						
		DEG	95° 29' 34.68'''						
		DELTA	73° 35' 26.44'''						
		LENGTH	77.064'						
	PT N	196731.4 E	146827.4		Station	00+77.06			
End	N	196731.4 E	146827.4 Z		Station	00+77.06			
Alignment Length = 77.06'									

Alignment: flag-nw									
Description:									
Layer: P_ALI-Base									
Arc									
	PC N	196691.5 E	146722		Station	00+00			
	CC N	196749.4 E	146706.5						
	PI N	196701.3 E	146758.5		Station	00+37.76			
		TAN	37.761'						
		DB	N 74° 56' 18.09 E'''						
		DA	N 10° 34' 9.01 E'''						
		LChord Di	63.918'	Bearing	N 42° 45' 13.55 E"				
		External D	10.894'						
		Middle Or	9.220'						
		Radius	60.000'						
		DEG	95° 29' 34.68'''						
		DELTA	64° 22' 9.08'''						
		LENGTH	67.407'						
	PT N	196738.4 E	146765.4		Station	00+67.41			
End	N	196738.4 E	146765.4 Z		Station	00+67.41			
Alignment Length = 67.41'									

REMOVING SMALL PIPE CULVERTS

CATEGORY	STATION	LOCATION	203.0100 EACH	REMARKS
0010	25+12	CTH F	1	DRIVEWAY
0010	30+00	CTH F	2	FE
TOTAL 0010			3	

REMOVING FENCE

CATEGORY	STATION TO STATION	LOCATION	204.0170 LF	REMARKS
0010	10+25	STH 64	388	RT
TOTAL 0010			388	

REMOVING ASPHALTIC SURFACE BUTT JOINTS

CATEGORY	STATION TO STATION	LOCATION	204.0115 SY	REMARKS
0010	8+37 - 8+87	STH 64	133	MAINLINE
0010	14+87 - 15+37	STH 64	133	MAINLINE
TOTAL 0010			266	

EXCAVATION COMMON

CATEGORY	STATION TO STATION	LOCATION	205.0100 CY	REMARKS
0010	20+98 - 32+00	CTH F	1246	SEE EARTHWORK SPREADSHEET
0010	11+00 - 14+00	STH 64	2073	SEE EARTHWORK SPREADSHEET
		CTH F	400	UNDISTRIBUTED
TOTAL 0010			3719	

REMOVING ASPHALTIC SURFACE MILLING

CATEGORY	STATION TO STATION	LOCATION	204.0120 SY	REMARKS
0010	8+37 - 12+00	STH 64	242	TAPER
0010	8+37 - 12+00	STH 64	968	MAINLINE
0010	12+00 - 15+37	STH 64	225	TAPER
0010	12+00 - 15+37	STH 64	1011	MAINLINE
TOTAL 0010			2446	

SELECT BORROW

CATEGORY	STATION TO STATION	LOCATION	208.1100 CY	REMARKS
0010	20+98 - 32+00	CTH F	2899	SEE EARTHWORK SPREADSHEET
TOTAL 0010			2899	

REMOVING CURB

CATEGORY	STATION	LOCATION	204.0130 LF	REMARKS
0010	21+00	CTH F	88	LT
TOTAL 0010			88	

FINISHING ROADWAY (01. 8620-07-73)

CATEGORY	LOCATION	213.0100 EACH	REMARKS
0010	CTH F\STH 64	1	PROJECT
TOTAL 0010		1	

3

OBLITERATING OLD ROAD				
CATEGORY	STATION TO STATION	LOCATION	214.0100 STA	REMARKS
0010	22+00 - 27+00	CTH F	5	OLD CTH F
TOTAL 0010			5	
BASE AGGREGATE DENSE 3/4-INCH				

CATEGORY	STATION TO STATION	LOCATION	305.0110 TON	REMARKS
0010	8+37 - 15+37	STH 64	87	SHOULDER
0010	20+98 - 32+00	CTH F	272	SHOULDER
TOTAL 0010			359	
BASE AGGREGATE DENSE 1 1/4-INCH				

CATEGORY	STATION TO STATION	LOCATION	305.0120 TON	REMARKS
0010	20+98 - 32+00	CTH F	2601	MAINLINE
0010	10+86 - 15+37	STH 64	250	TAPER
TOTAL 0010			2851	
SHAPING SHOULDERS				

CATEGORY	STATION TO STATION	LOCATION	305.0500 STA	REMARKS
0010	8+37 - 15+37	STH 64	14	LT, RT
TOTAL 0010			14	
PIT RUN				

CATEGORY	STATION TO STATION	LOCATION	313.0110 TON	REMARKS
0010	20+98 - 32+00	CTH F	3085	MAINLINE
TOTAL 0010			3085	

TACK COAT				
CATEGORY	STATION TO STATION	LOCATION	455.0605 GAL	REMARKS
0010	8+37 - 15+37	STH 64	212	MAINLINE (RATE .07)
0010	20+98 - 32+00	CTH F	257	MAINLINE (RATE .07)
TOTAL 0010			469	

ASPHALTIC SURFACE SAFETY ISLANDS				
CATEGORY	STATION	LOCATION	465.0305 TON	REMARKS
0010	21+00	CTH F	3	ISLAND
TOTAL 0010			3	

ASPHALTIC FLUMES				
CATEGORY	LOCATION	465.0315 SY	REMARKS	
0010	CTH F	21	DIRECT BY ENGINEER	
TOTAL 0010		21		

APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 18-INCH 6 TO 1				
CATEGORY	STATION	LOCATION	521.1518 EACH	REMARKS
0010	25+12	CTH F	4	DRIVEWAY AND FE
0010	30+00	CTH F	2	FE
TOTAL 0010			6	

3

CULVERT PIPE CORRUGATED STEEL POLYMER COATED 18-INCH

CATEGORY	STATION	LOCATION	THICKNESS	528.0118 LF	REMARKS
0010	25+12	CTH F	.064	80	DRIVEWAY AND FE
0010	30+00	CTH F	.064	40	FE
TOTAL 0010				120	

CONCRETE CURB TYPE J

CATEGORY	STATION	LOCATION	601.0120 LF	REMARKS
0010	21+01	CTH F	78	ISLAND
TOTAL 0010			78	

CONCRETE CURB AND GUTTER 6-INCH SLOPED 36-INCH TYPE D

CATEGORY	STATION TO STATION	LOCATION	601.0557 LF	REMARKS
0010	0+00 - 0+77	CTH F - NE FLAG	77	RT
0010	0+00 - 0+67	CTH F - NW FLAG	67	LT
TOTAL 0010			144	

MAINTENANCE AND REPAIR OF HAUL ROADS (01. 8620-07-73)

CATEGORY	LOCATION	618.0100 EACH	REMARKS
0010	CTH F\STH 64	1	PROJECT
TOTAL 0010		1	

MOBILIZATION

CATEGORY	STATION TO STATION	LOCATION	619.1000 EACH	REMARKS
0010	20+98 - 32+00	CTH F\STH 64	1	PROJECT
TOTAL 0010			1	

SALVAGED TOPSOIL

CATEGORY	TO STATION	LOCATION	625.0500 SY	REMARKS
0010	- 32+00	CTH F	6900	LT, RT
0010	- 15+37	STH 64	1400	LT
TOTAL 0010			8300	

MULCHING

CATEGORY	STATION TO STATION	LOCATION	627.0200 SY	REMARKS
0010	20+98 - 32+00	CTH F	4940	DIRECT BY ENGINEER
0010	10+86 - 15+37	STH 64	600	DIRECT BY ENGINEER
TOTAL 0010			5540	

SILT FENCE

CATEGORY	STATION TO STATION	LOCATION	628.1504 LF	REMARKS
0010	21+50 - 32+00	CTH F	2294	DIRECT BY ENGINEER
0010	10+86 - 15+37	STH 64	451	DIRECT BY ENGINEER
TOTAL 0010			2745	

SILT FENCE MAINTENANCE

CATEGORY	STATION TO STATION	LOCATION	628.1520 LF	REMARKS
0010	21+50 - 32+00	CTH F	2294	DIRECT BY ENGINEER
0010	10+86 - 15+37	STH 64	451	DIRECT BY ENGINEER
TOTAL 0010			2745	

MOBILIZATIONS EROSION CONTROL

CATEGORY	STATION TO STATION	LOCATION	628.1905 EACH	REMARKS
0010	20+98 - 32+00	CTH F\STH 64	2	PROJECT
TOTAL 0010			2	

MOBILIZATIONS EMERGENCY EROSION CONTROL

CATEGORY	STATION TO STATION	LOCATION	628.1910 EACH	REMARKS
0010	20+98 - 32+00	CTH F\STH 64	4	PROJECT
TOTAL 0010			4	

EROSION MAT CLASS I TYPE B

CATEGORY	STATION TO STATION	LOCATION	628.2004 SY	REMARKS
0010	20+98 - 32+00	CTH F	1960	DITCH. DIRECT BY ENGINEER
0010	10+86 - 15+37	STH 64	800	DITCH. DIRECT BY ENGINEER
TOTAL 0010			2760	

TEMPORARY DITCH CHECKS

CATEGORY	STATION TO STATION	LOCATION	628.7504 LF	REMARKS
0010	21+00 - 32+00	CTH F	132	DITCH, DIRECT BY ENGINEER
0010	11+00 - 15+37	STH 64	52	DITCH, DIRECT BY ENGINEER
TOTAL 0010			184	

FERTILIZER TYPE B

CATEGORY	STATION TO STATION	LOCATION	629.0210 CWT	REMARKS
0010	20+98 - 32+00	CTH F	5.5	LT, RT
0010	8+37 - 15+37	STH 64	1.5	LT
TOTAL 0010			7.0	

SEEDING MIXTURE NO. 30

CATEGORY	STATION TO STATION	LOCATION	630.0130 LB	REMARKS
0010	20+98 - 32+00	CTH F	600	LT, RT
0010	10+86 - 15+37	STH 64	100	LT
TOTAL 0010			700	

SEEDING TEMPORARY

CATEGORY	STATION TO STATION	LOCATION	630.0200 LB	REMARKS
0010	20+98 - 32+00	CTH F	300	LT, RT
0010	10+86 - 15+37	STH 64	100	LT
TOTAL 0010			400	

SIGNS REFLECIVE TYPE II AND SUPPORTS
REMOVING SIGNS TYPE II AND SMALL SIGNS SUPPORTS

						637.2210	634.0616	638.2602	638.3000
STATION	LOCATION	Code	Code Description	Size Width	Size Height	SIGNS REFLECTIVE TYPE II (SF)	POSTS WOOD 4X6X16-FT (EACH)	REMOVING SIGNS TYPE II (EACH)	REMOVING SMALL SIGNS SUPPORTS (EACH)
15+17	STH 64, LT	D1-3	Triple Destination/Arrow, NEW AUBURN, NEW RICHMOND, BLOOMER	96 in	36 in	24.00	2	1	2
11+00	STH 64, LT	D9-2	HOSPITAL	24 in	24 in	4.00	1	1	1
11+00	STH 64, LT	M6-1	Arrow - RIGHT, LEFT, OR AHEAD	21	21	3.06		1	
11+00	STH 64, LT	J3-4	Directional Assembly (4 Headed Route Panel), WEST 64, F, SS, SOUTH 40	96	57	38.00	2	10	2
	CROSSROAD, LT	R1-1	STOP	36	36	9.00	1	1	1
	CROSSROAD, LT	R1-1	STOP	36	36	9.00	1	1	1
	CROSSROAD, RT	R1-1	STOP	36	36	9.00	1	1	1
	CROSSROAD, RT	R1-1	STOP	36	36	9.00			
	CROSSROAD, LT	R5-1	Do Not Enter	30	30	6.25	1	1	1
	CROSSROAD, RT	R5-1	Do Not Enter	30	30	6.25	1	1	1
15+17	STH 64, RT	R2-1	SPEED LIMIT 55 MPH	24	30	5.00	1	1	1
13+00	STH 64, RT	D2-2	CORNELL 19, BRUCE 30	66	24	11.00	2	1	2
13+00	STH 64, RT	J4-2	NORTH 40, EAST 64	48	36	12.00		4	
6+60	STH 64, RT	J3-4	Directional Assembly (4 Headed Route Panel), SS, F,40,EAST 64	96	57	38.00	2	9	2
6+60	STH 64, RT	D9-2	HOSPITAL	24	24	4.00	1	1	1
6+60	STH 64, RT	M6-1	Arrow - RIGHT, LEFT, OR AHEAD	21	21	3.06		1	
23+75	CTH F, RT	J4-1	NORTH, CTH F	24	36	6.00	1	1	1
28+70	CTH F, RT	W13-1	35 MPH	18	18	2.25	1	1	1
28+70	CTH F, RT	W1-2R	ARROW CURVE	30	30	6.25		1	
22+50	CTH F, LT	J13-4	Directional Assembly (4 Headed Route Panel),40, 64, F, SS	96	45	30.00	2	8	2
28+50	CTH F, LT	W3-1	STOP AHEAD	36	36	9.00	1	1	1
30+50	CTH F, LT	J1-2	JCT 40, 64	48	39	13.00	1	3	1
				PROJECT TOTAL		257.12	22.00	50.00	22.00

FIELD OFFICE TYPE C

CATEGORY	STATION TO STATION	LOCATION	642.5201 EACH	REMARKS
0010	20+98 - 32+00	CTH F/STH 64	1	PROJECT
TOTAL 0010			1	

TRAFFIC CONTROL (01. 8620-07-73)

CATEGORY	STATION TO STATION	LOCATION	643.0100 EACH	REMARKS
0010	20+98 - 32+00	CTH F/STH 64	1	PROJECT
TOTAL 0010			1	

TRAFFIC CONTROL DRUMS

CATEGORY	LOCATION	643.0300 DAY	REMARKS
0010	PROJECT	3060	45 DRUMS X 68 DAYS
TOTAL 0010		3060	

TRAFFIC CONTROL BARRICADES TYPE III

CATEGORY	LOCATION	643.0420 DAY	REMARKS
0010	CTH F/STH 64	272	4 BARRICADE X 68 DAYS
TOTAL 0010		272	

TRAFFIC CONTROL WARNING LIGHTS TYPE A

CATEGORY	LOCATION	643.0705 DAY	REMARKS
0010	CTH F/STH 64	680	10 LIGHTS X 68 DAYS
TOTAL 0010		680	

TRAFFIC CONTROL WARNING LIGHTS TYPE C

CATEGORY	LOCATION	643.0715 DAY	REMARKS
0010	CTH F/STH 64	1088	16 LIGHT X 68 DAYS
TOTAL 0010		1088	

TRAFFIC CONTROL SIGNS

CATEGORY	LOCATION	643.0900 DAY	REMARKS
0010	CTH F/STH 64	1564	23 SIGNS X 68 DAYS
TOTAL 0010		1564	

PAVEMENT MARKING EPOXY 4-INCH

CATEGORY	STATION TO STATION	LOCATION	646.0106 LF	REMARKS
0010	8+37 - 15+37	STH 64	1400	WHITE EDGELINE LT, RT
0010	20+98 - 32+00	CTH F	2204	WHITE EDGELINE LT, RT
0010	20+98 32+00	CTH F	2204	DOUBLE YELLOW C/L
TOTAL 0010			5808	

PAVEMENT MARKING EPOXY 8-INCH

CATEGORY	LOCATION	646.0126 LF	REMARKS
0010	STH 64	250	TURN LANE, RT
0010	CTH F	30	ISLAND GORE
TOTAL 0010		280	

PAVEMENT MARKING SAM DAY EPOXY 4-INCH

CATEGORY	STATION TO STATION	LOCATION	646.0406 LF	REMARKS
0010	8+37 - 15+37	STH 64	1400	DOUBLE YELLOW C/L
TOTAL 0010			1400	

PAVEMENT MARKING STOP LINE EPOXY 18-INCH

CATEGORY	STATION	LOCATION	647.0566 LF	REMARKS
0010	21+01	CTH F	42	LT
0010	396+70	STH 40	43	RT
TOTAL 0010			85	

LOCATING NO-PASSING ZONES

CATEGORY	STATION TO STATION	LOCATION	648.0100 MI	REMARKS
0010		CTH F/STH 64	0.33	PROJECT
TOTAL 0010			0.33	

CONSTRUCTION STAKING SUBGRADE

CATEGORY	STATION TO STATION	LOCATION	650.4500 LF	REMARKS
0010	20+98 - 32+00	CTH F	1102	PROJECT
TOTAL 0010			1102	

CONSTRUCTION STAKING BASE

CATEGORY	STATION TO STATION	LOCATION	650.5000 LF	REMARKS
0010	20+98 - 32+00	CTH F	1102	PROJECT
TOTAL 0010			1102	

CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER

CATEGORY	STATION TO STATION	LOCATION	650.5500 LF	REMARKS
0010	0+00 - 0+77	CTH F	77	NE, RT
0010	0+00 - 0+67	CTH F	67	NW, LT
TOTAL 0010			144	

CONSTRUCTION STAKING PIPE CULVERTS

CATEGORY	STATION TO STATION	LOCATION	650.6000 EACH	REMARKS
0010	25+12	CTH F	2	DRIVEWAY AND FE
0010	30+00	CTH F	1	FE
TOTAL 0010			3	

CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (01. 8620-07-73)

CATEGORY	LOCATION	650.9910 LS	REMARKS
0010	CTH F/STH 64	1	PROJECT
TOTAL 0010		1	

SPECIAL (01. ASPHALTIC SURFACE SPECIAL)

CATEGORY	STATION TO STATION	LOCATION	SPV.0195.01 TON	REMARKS
0010	20+98 - 32+00	CTH F	1100	MAINLINE
0010	8+37 - 15+37	STH 64	350	MAINLINE
0010		CTH F	20	DRIVEWAY
TOTAL 0010			1470	

CONSTRUCTION STAKING SLOPE STAKES

CATEGORY	STATION TO STATION	LOCATION	650.9920 LF	REMARKS
0010	20+98 - 32+00	CTH F/STH 64	1102	MAINLINE
TOTAL 0010			1102	

SAWING ASPHALT

CATEGORY	STATION	LOCATION	690.0150 LF	REMARKS
0010	32+00	CTH F	22	END PROJECT
0010	10+86	STH 64	300	TURN LANE, LT
0010	8+37	STH 64	24	MAINLINE
0010	15+37	STH 64	24	MAINLINE
TOTAL 0010			370	

CURE AND SEAL TREATMENT CONCRETE CURB AN GUTTER

CATEGORY	STATION TO STATION	LOCATION	SPV.0090.01 LF	REMARKS
0010	0+00 - 0+77	CTH F	77	NE, RT
0010	0+00 - 0+67	CTH F	67	NW, LT
TOTAL 0010			144	

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09 AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

UTILITY EASEMENT INFORMATION		
PARCEL #	COMPANY NAME	RECORDING DATA
1	BLOOMER TELEPHONE COMPANY	V. 210, PG. 578
1	BLOOMER TELEPHONE COMPANY	V. 508, PG. 9-10

CONVENTIONAL UTILITY SYMBOLS

WATER	_____W_____
GAS	_____G_____
TELEPHONE	_____T_____
OVERHEAD	_____OH_____
TRANSMISSION LINES	
ELECTRIC	_____E_____
CABLE TELEVISION	_____TV_____
FIBER OPTIC	_____FO_____
SANITARY SEWER	_____SAN_____
STORM SEWER	_____SS_____

COMPENSABLE COMPENSABLE

SCALE, FEET

0 100 200

A horizontal scale bar with alternating black and white segments. It is marked with '0' at the left end, '100' at the midpoint, and '200' at the right end.

CONVENTIONAL ABBREVIATIONS

ACCESS POINT/ DRIVEWAY CONNECTION	AP	REFERENCE LINE	R/L
ACCESS RIGHTS	AR	RELEASE OF RIGHTS	ROR
ACRES	AC.	REMAINING	REM.
AND OTHERS	ET. AL.	RIGHT-OF-WAY	R/W
CENTERLINE	C/L	SECTION	SEC.
CERTIFIED SURVEY MAP	CSM	STATION	STA.
CORNER	CCR.	TEMPORARY LIMITED EASEMENT	TLE
DOCUMENT	DOC.	VOLUME	V.
EASEMENT	EASE.		
FOUND	FND	<u>CURVE DATA</u>	
HIGHWAY EASEMENT	H.E.	LONG CHORD	LCH
LAND CONTRACT	LC	LONG CHORD BEARING	LCB
MONUMENT	MON.	RADIUS	R
PAGE	P.	DEGREE OF CURVE	D
PERMANENT LIMITED EASEMENT	PLE	CENTRAL ANGLE OR DELTA	DELTA
PROPERTY LINE	PL	LENGTH OF CURVE	L
RECORDED AS	(100')	TANGENT	TAN

CONVENTIONAL SYMBOLS

FOUND IRON PIPE/PIN	(T' UNLESS NOTED)	BUILDING	
R/W MONUMENT SET	(1"=10', 2"=4" IRON PIPE SET)	PROPOSED R/W LINE	_____
FOUND R/W GUARD POST		EXISTING H.E. LINE	_____
SIGN	ISIN	PROPERTY LINE	_____
SECTION CORNER MONUMENT		LOT & TIE LINES	-----
SECTION CORNER SYMBOL		SLOPE INTERCEPTS	-----
		CORPORATE LIMITS	=====
FEE (HATCH VARIES)		NO ACCESS	●●●●●●●●
TEMPORARY LIMITED EASEMENT		(BY PREVIOUS ACQUISITION/CONTROL)	●●●●●●●●
PERMANENT LIMITED EASEMENT		ACCESS RESTRICTED (BY ACQUISITION)	
		NO ACCESS	●●●●●●●●
EXISTING MONUMENT NUMBER	PROP ***	(BY STATUTORY AUTHORITY)	●●●●●●●●
R/W BOUNDARY POINT NUMBER	00	SECTION LINE	_____
PARCEL NUMBER	01	QUARTER LINE	_____
UTILITY INTEREST	40	SIXTEENTH LINE	_____
SIGN NUMBER (OFF PREMISE)	41	EXISTING CENTERLINE	_____
		PROPOSED REFERENCE LINE	_____
		PARALLEL OFFSET	_____
			

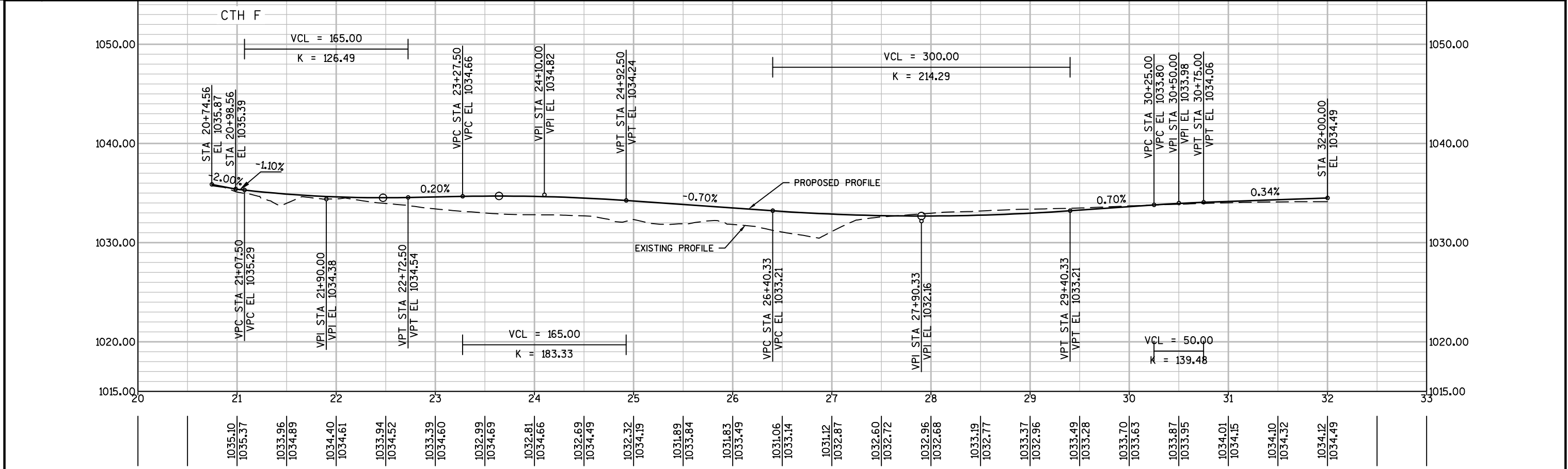
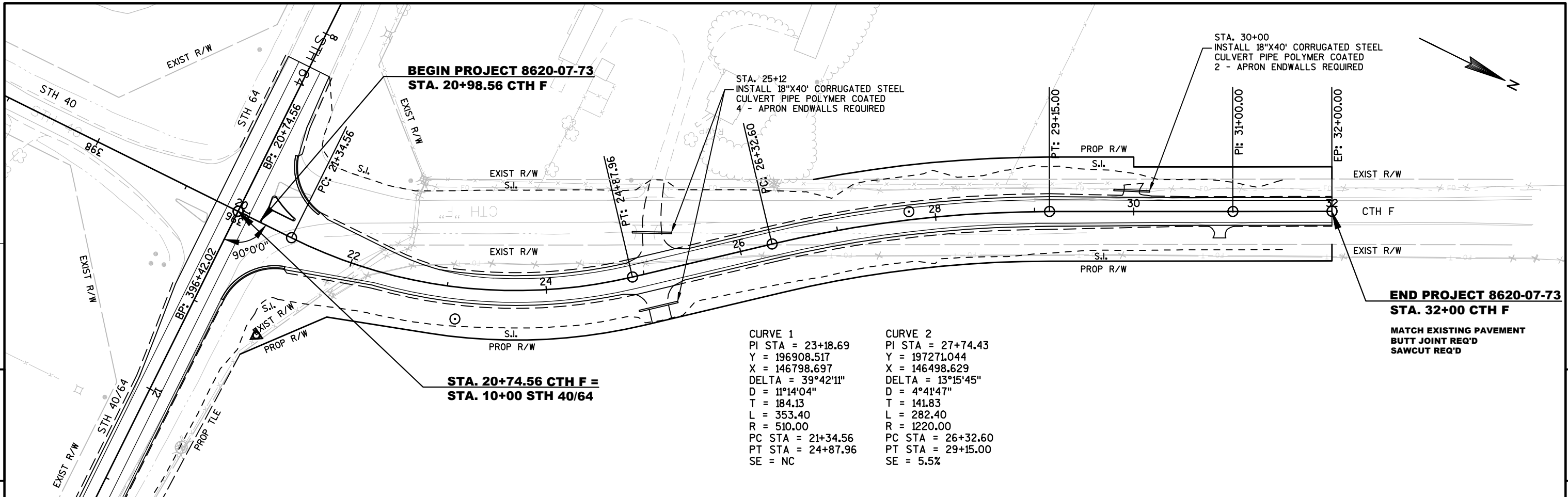
2811 8th Street South, Suite 8
Wisconsin Rapids, WI 54494
Office: 715-423-3526
Fax: 715-423-3597

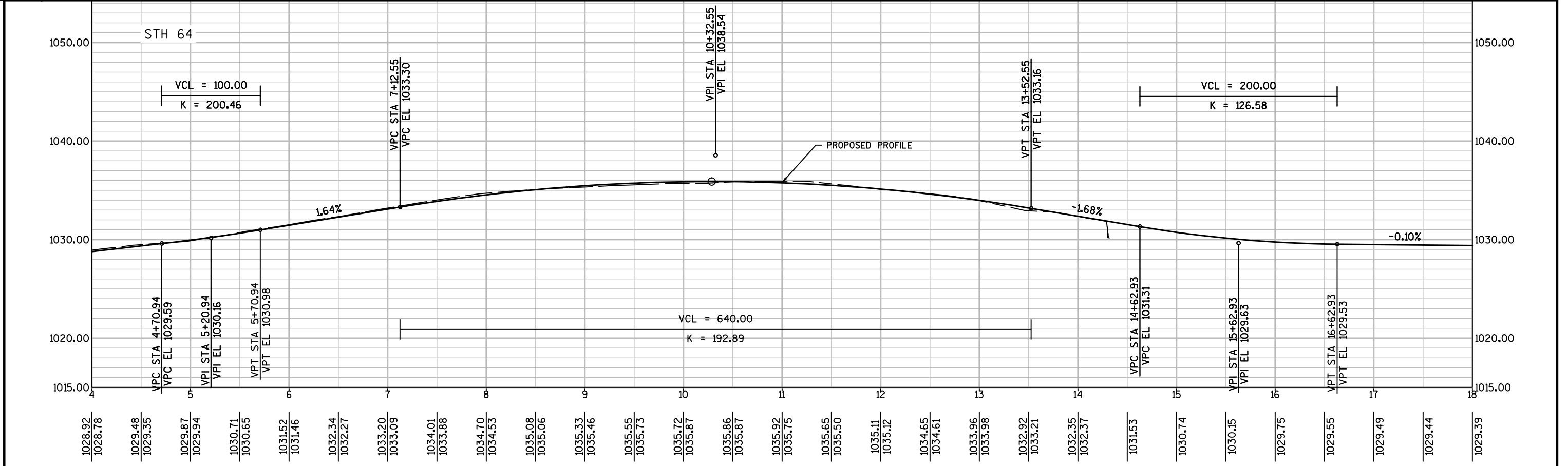
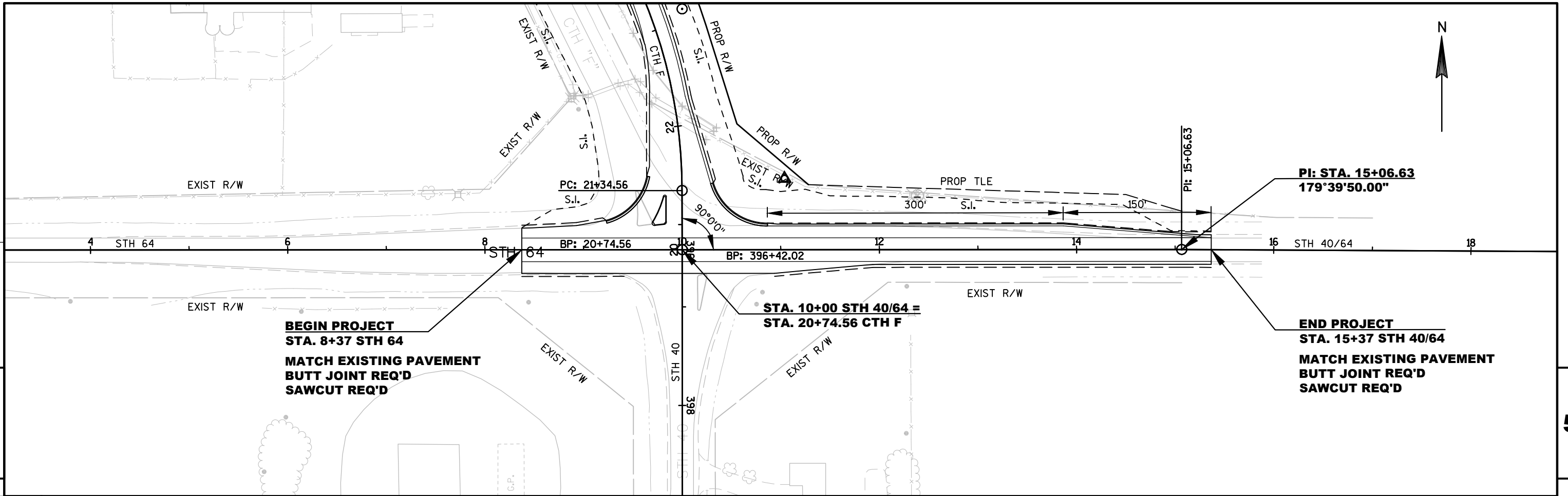
I HEREBY CERTIFY THAT THIS PLAT MEETS ALL REQUIREMENTS OF SECTION 84.095
WISCONSIN STATUTES. THIS PLAT WAS PREPARED BY OR UNDER THE DIRECTION OF

KOLBY SCHERTZ	<i>Kolby Schertz</i>	09/08/2014
PRINTED NAME	SIGNATURE	DATE
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION		
MICHAEL PILLER	<i>Michael Piller</i>	09/08/2014
PRINTED NAME	SIGNATURE	DATE

FILE NAME : S:\SURVEY\LAND SURVEYS\2013 PROJECTS\W0#15 ID8620-07-03,73 STH 40 (STH 64-CTH F WEST JCT INTERSECTION) CHIPPEWA COUNTY TPP\DRAWINGS\TPP 4.01.DWG
APPRAISAL PLAT DATE : -----

PLOT DATE : September 08, 2014 PLOT BY : KOLBY SCHERTZ PLOT NAME : STH 40-CTH F PLOT SCALE : 1" = 200'

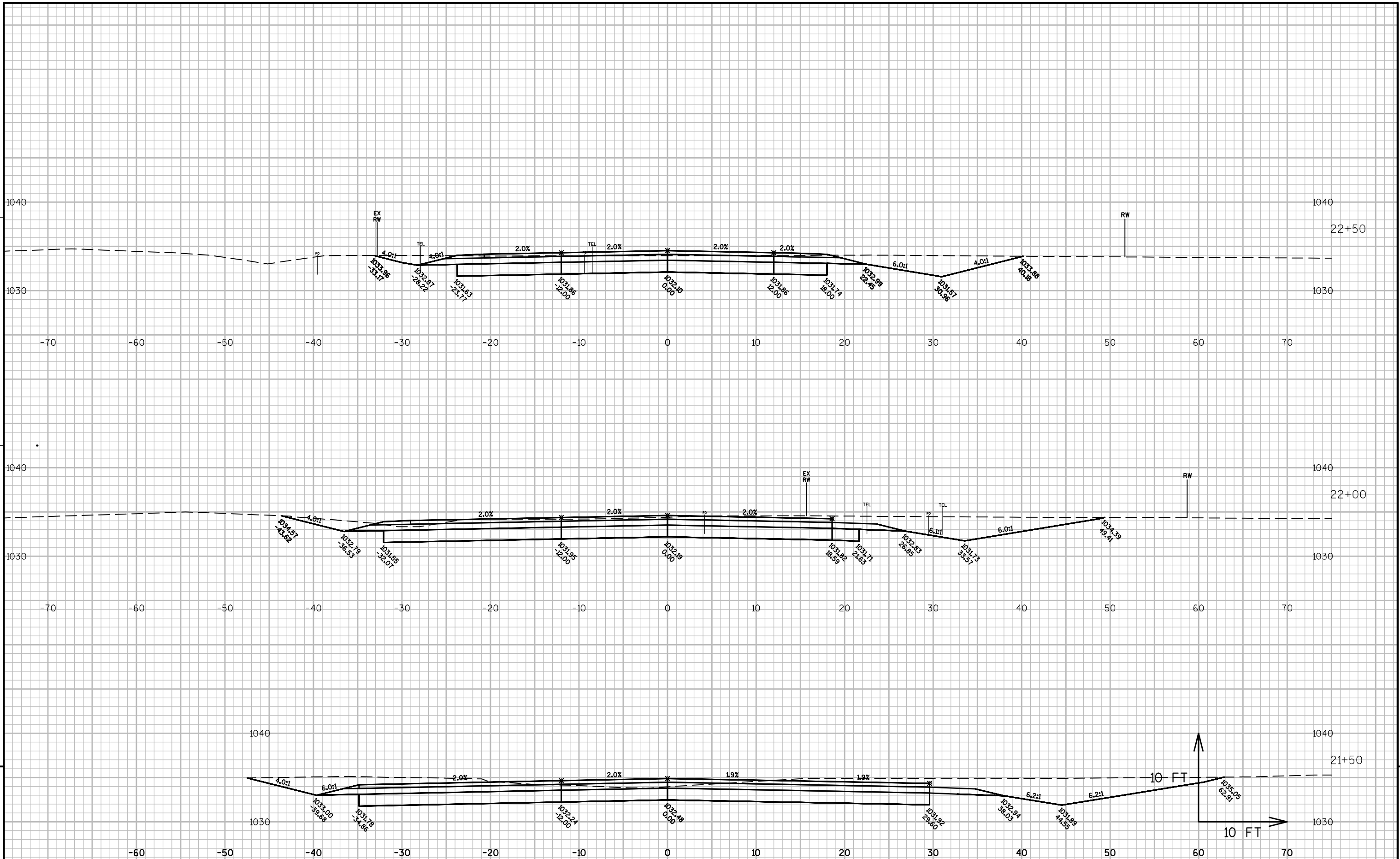


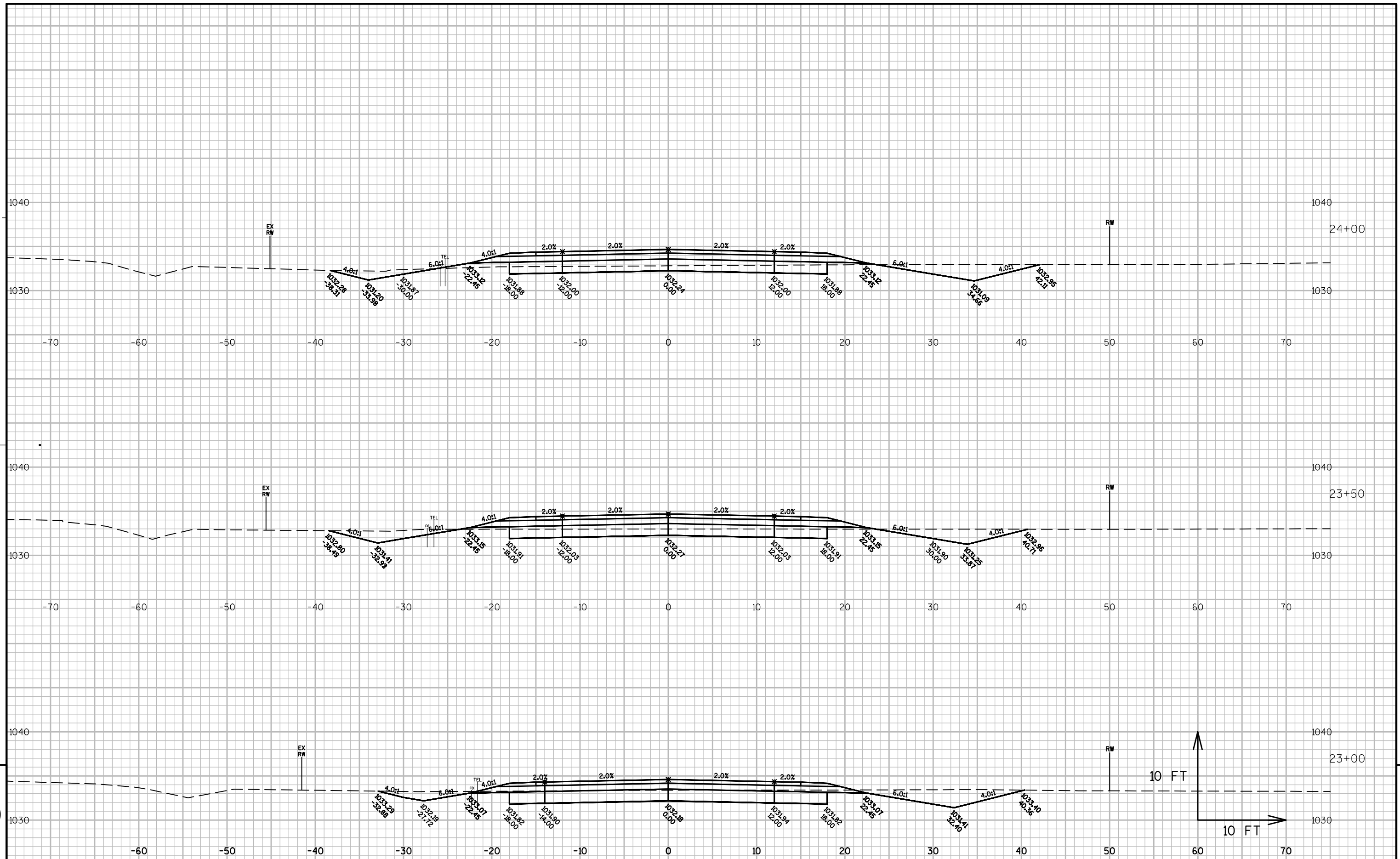


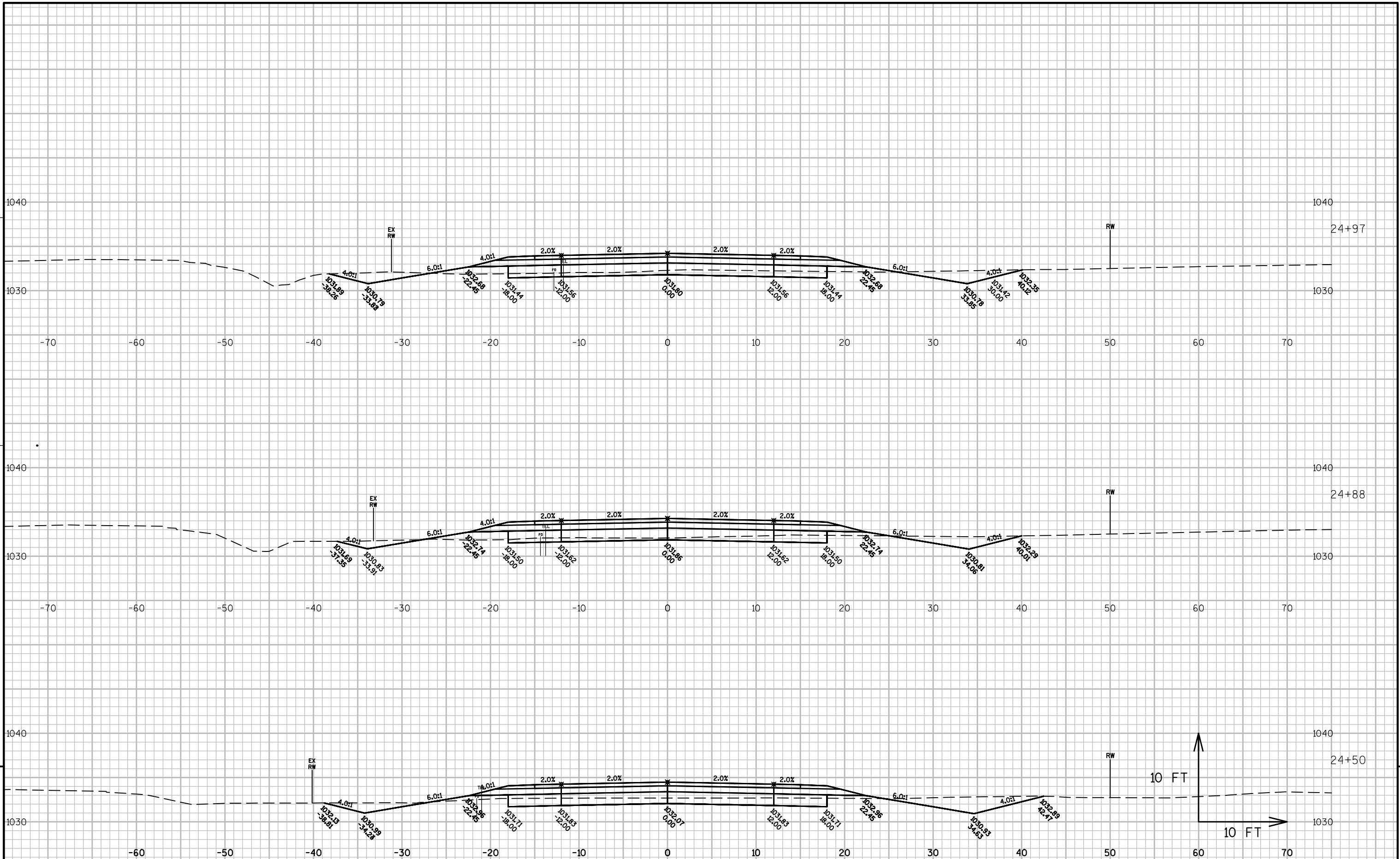
EARTHWORK SUMMARY												
CTH F												
STATION	Distance	AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)				Mass Ordinate
		Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	Expanded Fill	Expanded EBS	
											Backfill	
											1.25	
					Note 1, 3		Note 1, 4	Note 1, 3		Note 8	Note 7	Note 9
20+74.558	0.00	0.00	0	24.00	0	0.00	0	0	0.00	0	0	0
21+00.000	25.44	0.03	1.29	24.00	0.01	0.61	23	0	1	1	28	-29
21+34.558	34.56	48.58	19.43	24.00	31.1	13.26	31	31	14	17	67	-53
21+50.000	15.44	61.70	17.31	24.00	33.42	10.51	14	65	24	30	84	-50
22+00.000	50.00	14.63	8.09	24.00	72.07	23.52	44	137	48	60	139	-63
22+50.000	50.00	13.04	15.07	24.00	25.39	21.44	44	162	69	87	195	-120
23+00.000	50.00	4.20	40.36	24.00	15.5	51.32	44	177	121	151	250	-224
23+50.000	50.00	0.11	61.56	24.00	3.88	94.37	44	181	215	269	306	-393
24+00.000	50.00	0.06	68.49	24.00	0.16	120.42	44	182	335	419	362	-599
24+50.000	50.00	0.00	67.15	24.00	0.06	125.59	44	182	461	576	417	-812
24+87.960	37.96	0.00	81.77	24.00	0	104.69	34	182	566	707	459	-985
24+96.597	8.64	0.00	79.93	24.00	0	25.86	8	182	592	739	469	-1,027
25+00.000	3.40	0.00	79.66	24.00	0	10.06	3	182	602	752	473	-1,043
25+44.597	44.60	0.02	81.48	24.00	0.01	133.08	40	182	735	918	522	-1,259
25+50.000	5.40	0.04	79.51	24.00	0	16.11	5	182	751	939	528	-1,285
25+92.597	42.60	0.55	76.36	24.00	0.46	122.96	38	182	874	1,092	576	-1,486
26+00.000	7.40	0.71	77.24	24.00	0.17	21.06	7	182	895	1,119	584	-1,520
26+32.602	32.60	1.26	73.09	24.00	1.19	90.76	29	183	986	1,232	620	-1,669
26+40.597	8.00	1.50	71.18	24.00	0.41	21.36	7	184	1,007	1,259	629	-1,704
26+50.000	9.40	1.83	68.03	24.00	0.58	24.24	8	184	1,031	1,289	639	-1,744
26+76.597	26.60	2.73	58.45	24.00	2.2	62.30	24	187	1,094	1,367	669	-1,849
27+00.000	23.40	1.63	49	24.00	1.85	46.57	21	188	1,140	1,425	695	-1,932
27+50.000	50.00	0.96	29.29	24.00	2.36	72.49	44	191	1,213	1,516	750	-2,075
28+00.000	50.00	4.96	19.75	24.00	5.45	45.41	44	196	1,258	1,572	806	-2,182
28+50.000	50.00	9.54	25.54	24.00	13.36	41.94	44	210	1,300	1,625	862	-2,277
28+71.004	21.00	10.76	27.76	24.00	7.9	20.73	19	218	1,321	1,651	885	-2,318
29+00.000	29.00	8.86	29.48	24.00	10.47	30.74	26	228	1,351	1,689	917	-2,378
29+07.004	7.00	8.15	29.04	24.00	2.21	7.59	6	230	1,359	1,699	925	-2,393
29+15.000	8.00	7.22	28.43	24.00	2.28	8.51	7	232	1,367	1,709	934	-2,411
29+50.000	35.00	3.11	24.82	24.00	6.7	34.51	31	239	1,402	1,752	973	-2,486
29+55.004	5.00	2.68	24.35	24.00	0.54	4.56	4	240	1,407	1,758	978	-2,497
30+00.000	45.00	2.19	7.08	24.00	4.06	26.19	40	244	1,433	1,791	1,028	-2,575
30+03.004	3.00	1.97	6.91	24.00	0.23	0.78	3	244	1,434	1,792	1,032	-2,579
30+50.000	47.00	0.00	13.2	24.00	1.72	17.50	42	246	1,451	1,814	1,084	-2,652
30+51.004	1.00	0.00	13.17	24.00	0	0.49	1	246	1,452	1,814	1,085	-2,654
31+00.000	49.00	0.06	11.21	24.00	0.05	22.12	44	246	1,474	1,842	1,139	-2,736
31+50.000	50.00	0.00	16.98	24.00	0.05	26.10	44	246	1,500	1,875	1,195	-2,824
32+00.000	50.00	0.00	0	24.00	0	15.72	44	246	1,515	1,894	1,250	-2,899

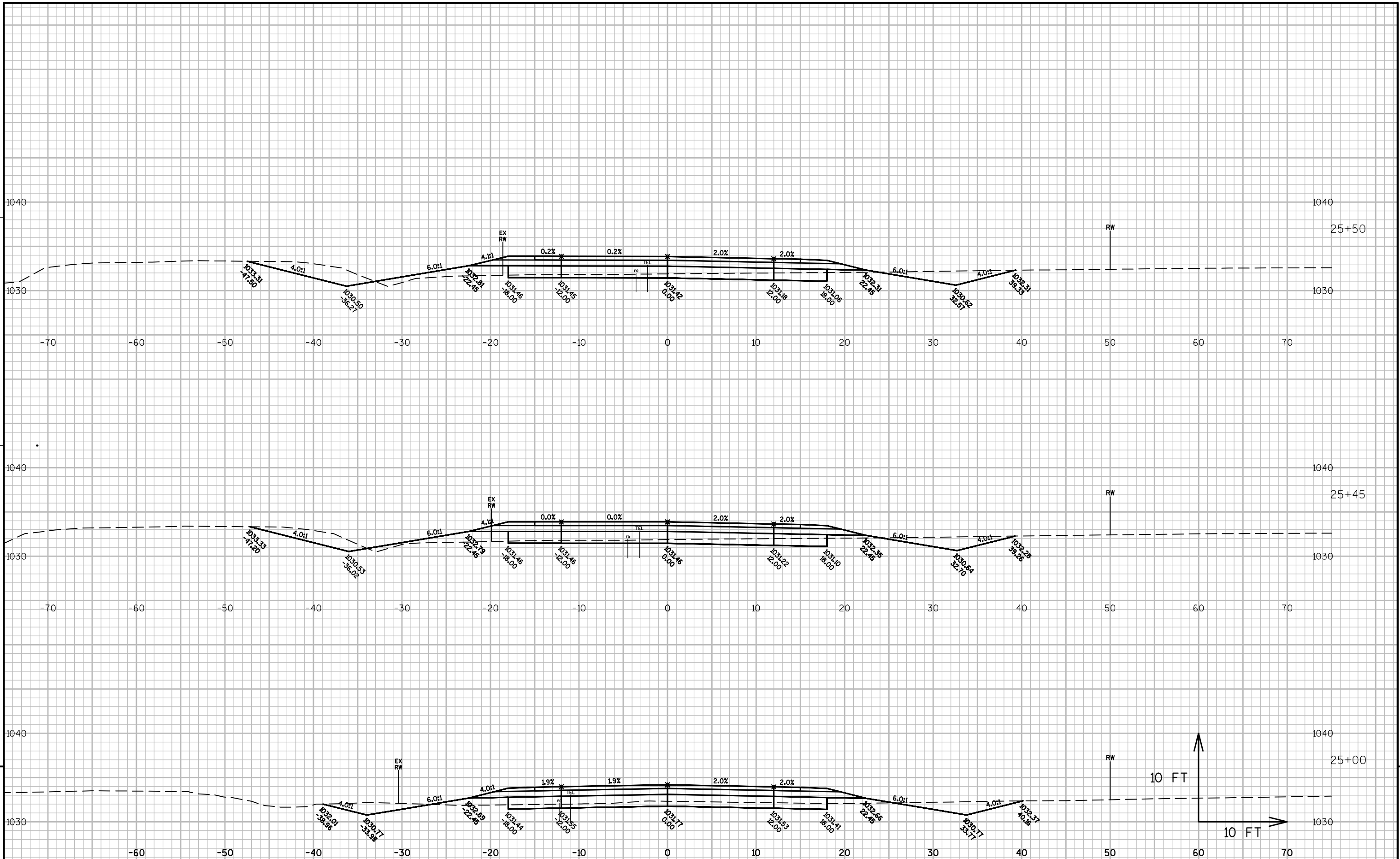
					EARTHWORK SUMMARY							
					STH 40/64							
		AREA (SF)			Incremental Vol (CY) (Unadjusted)			Cumulative Vol (CY)				
										Expanded EBS		
STATION	Distance	Cut	Fill	EBS	Cut	Fill	EBS	Cut	Fill	Expanded Fill	Backfill	Mass Ordinate
								1.00		1.25	1.25	
					Note 1, 3		Note 1, 4	Note 1, 3		Note 8	Note 7	Note 9
11+00.000	0.00	60.53	0.29	0.00	0	0.00	0	0	0.00	0	0	0
11+50.000	50.00	52.46	0.05	0.00	104.62	0.31	0	105	0	0	0	104
12+00.000	50.00	42.61	0	0.00	192.65	0.05	0	297	0	0	0	297
12+50.000	50.00	35.39	0	0.00	264.86	0.00	0	562	0	0	0	562
13+00.000	50.00	28.84	0.18	0.00	324.34	0.17	0	886	1	1	0	886
13+50.000	50.00	21.64	2.48	0.00	371.08	2.46	0	1,258	3	4	0	1,254
13+86.517	36.52	23.82	0.16	0.00	401.83	1.79	0	1,659	5	6	0	1,653
14+00.000	13.48	22.47	0.36	0.00	413.39	0.13	0	2,073	5	6	0	2,067

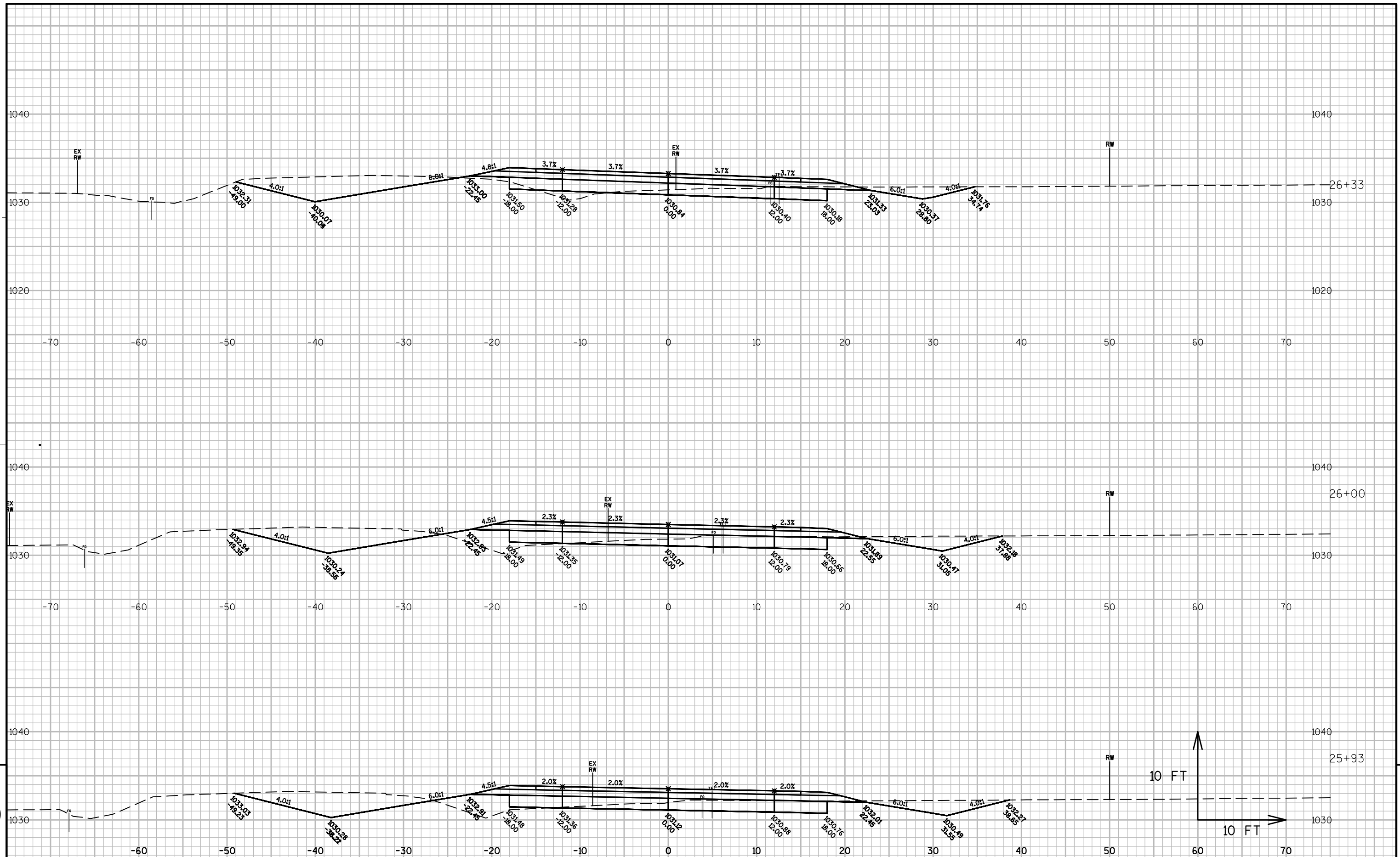
EARTHWORK SUMMARY												
CTH F												
Division	From/To Station	Location	BID ITEM 205.0100 Common Excavation (2)		Salvaged/ Unusable Pavement Material (5)	Available Material (6)	Expanded EBS Backfill (7)	Unexpanded Fill	Expanded Fill (8)	Mass Ordinate +/- (8)	BID ITEM 208.1100 Select Borrow	Comments:
			Cut (3)	EBS Excavation (4)			Factor 1.25		Factor 1.25			
DIVISION 1 - CTH F STAGE 1	20+74.558 - 32+00	CTH F	246	1,000	0	246	1,250	1,515	1,894	-2,899	-2,899	
DIVISON 1 SUBTOTAL			246	1,000	0	246	1,250	1,515	1,894	-2,899	-2,899	
DIVISION 2 - STH 40/64 STAGE 1	8+37 - 15+37	STH 40/64	2,073	0	0	2,073	0	5	6	2,067	0	
DIVISON 2 SUBTOTAL			2,073	0	0	2,073	0	5	6	2,067	0	
GRAND TOTAL			2,319	1,000	0	246	1,250	1,515	1,894	-2,899	-2,899	
TOTAL COMMON EXCAVATION, 205.0100			3,319		TOTAL SELECT BORROW, 208.1100			2,899				
1) Common Excavation, Item Number 205.0100												
2) Common Excavation is the sum of the Cut and EBS Excavation columns. Item Number 205.0100												
3) Salvaged/Unsuable Pavement Material is included in Cut.												
4) EBS Excavation to be backfilled with Select Borrow material. Item Number 208.1100												
5) Salvaged/Unusable Pavement Material												
6) Available Material = Cut - Salvaged/Unusuable Pavement Material												
7) Expanded EBS Backfill - This is to be filled with Select Borrow material. EBS Backfill Factor = 1.25. Item Number 208.1100												
8) Expanded Fill. Factor = 1.25 Expanded Fill = Unexpanded Fill * Fill Factor												
9) The Mass Ordinate + or - Qty calculated for the Division. Plus quantity indicates an excess of material within the Division. Minus indicates a shortage of material within the Division.												

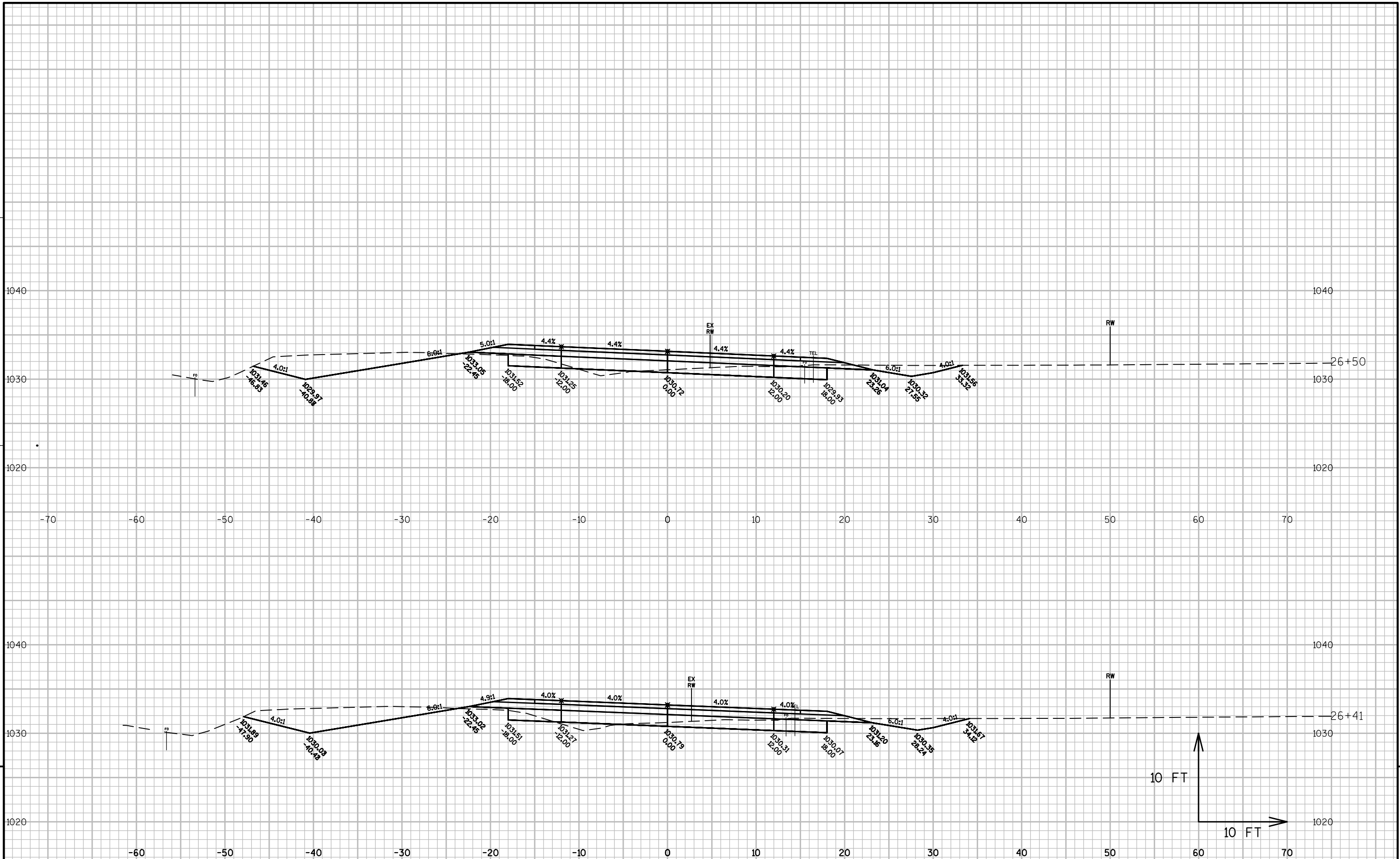


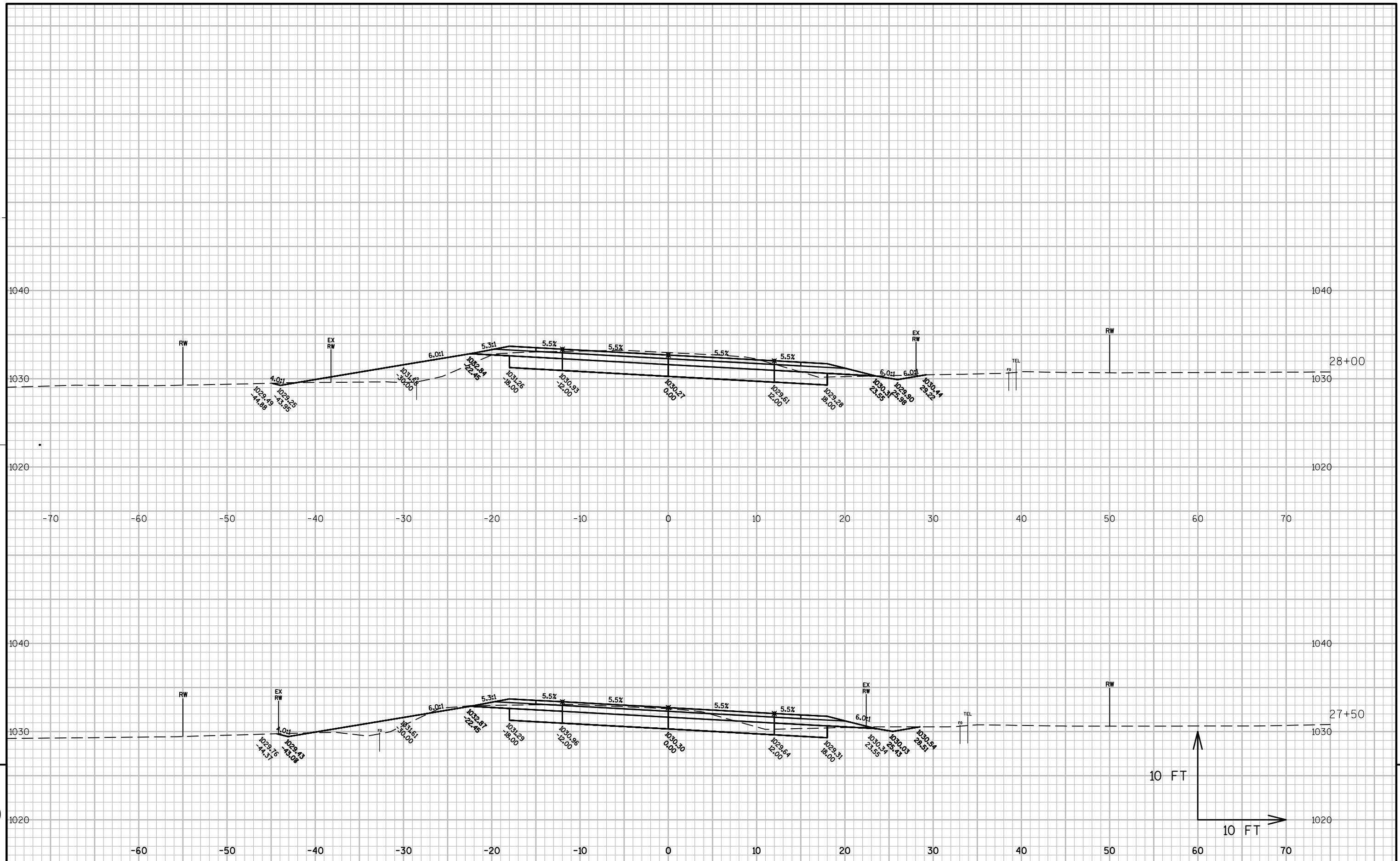


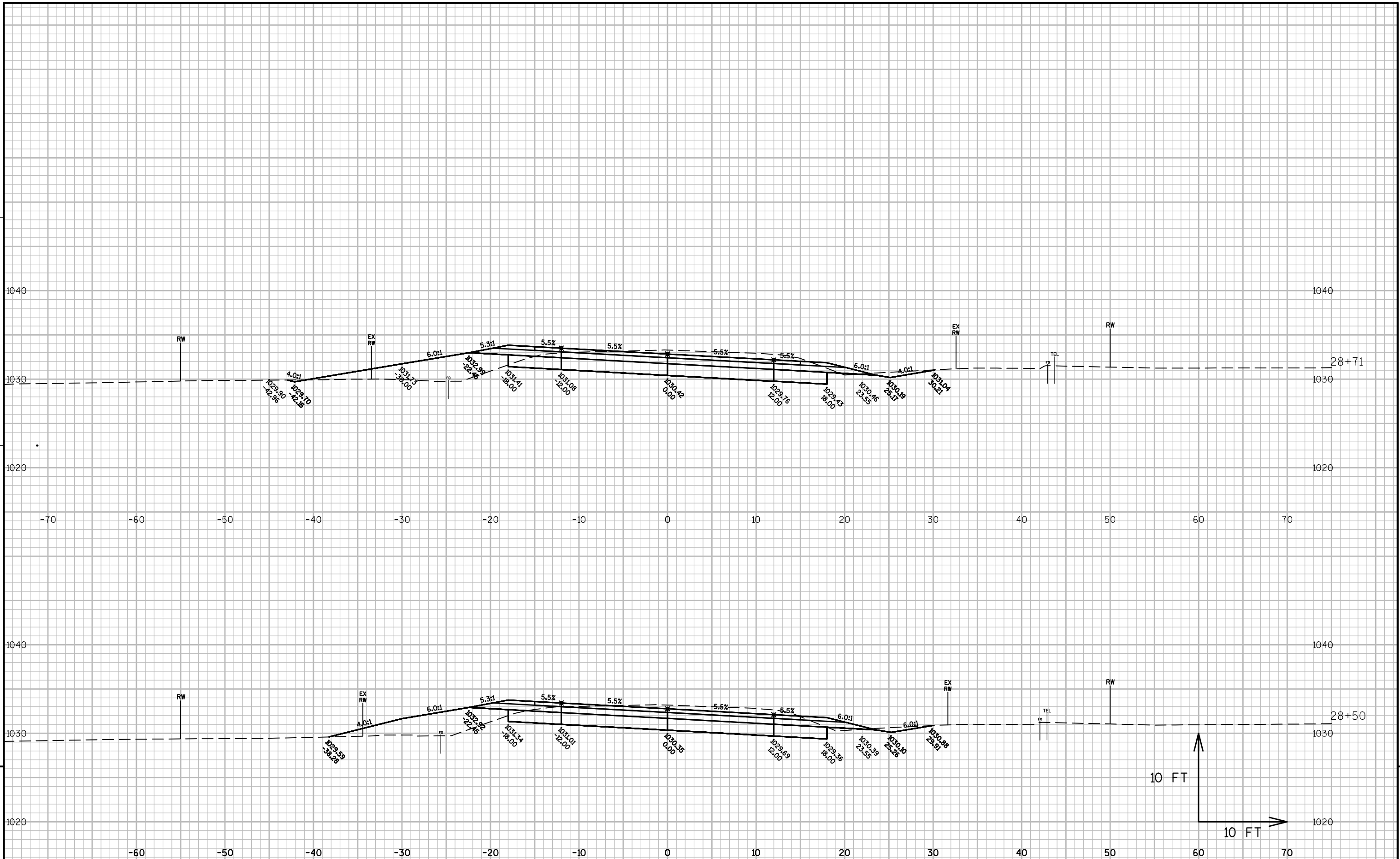


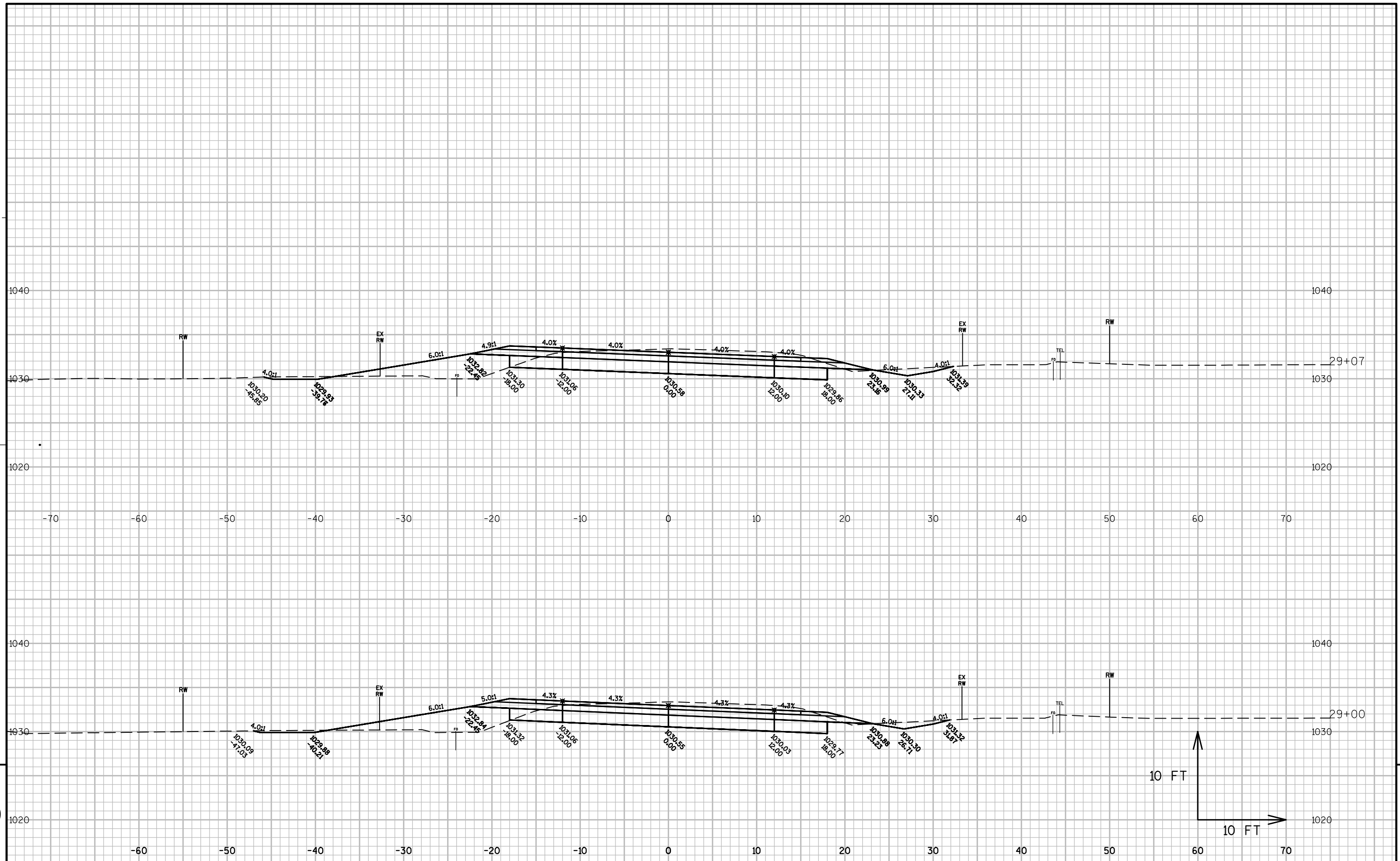


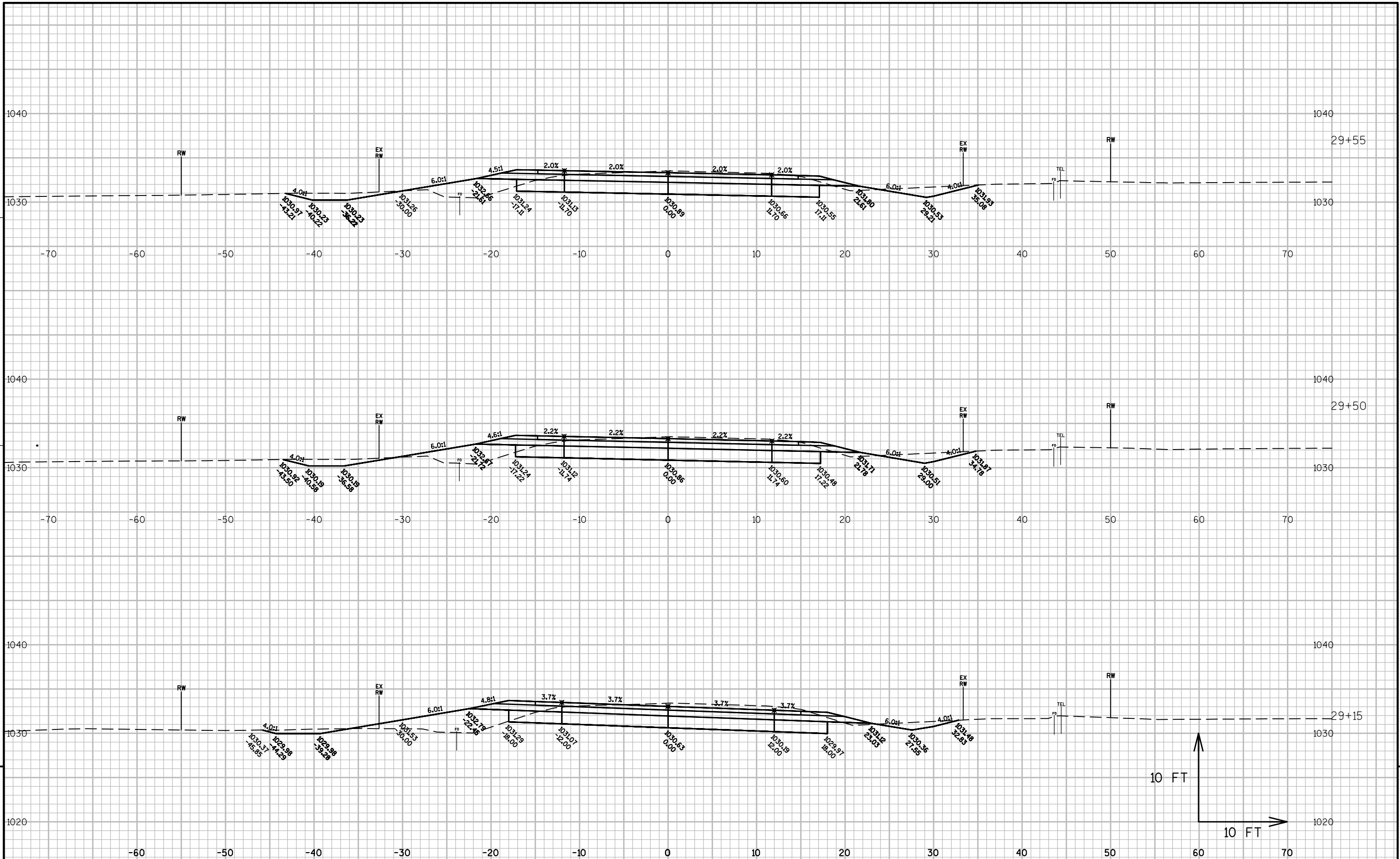


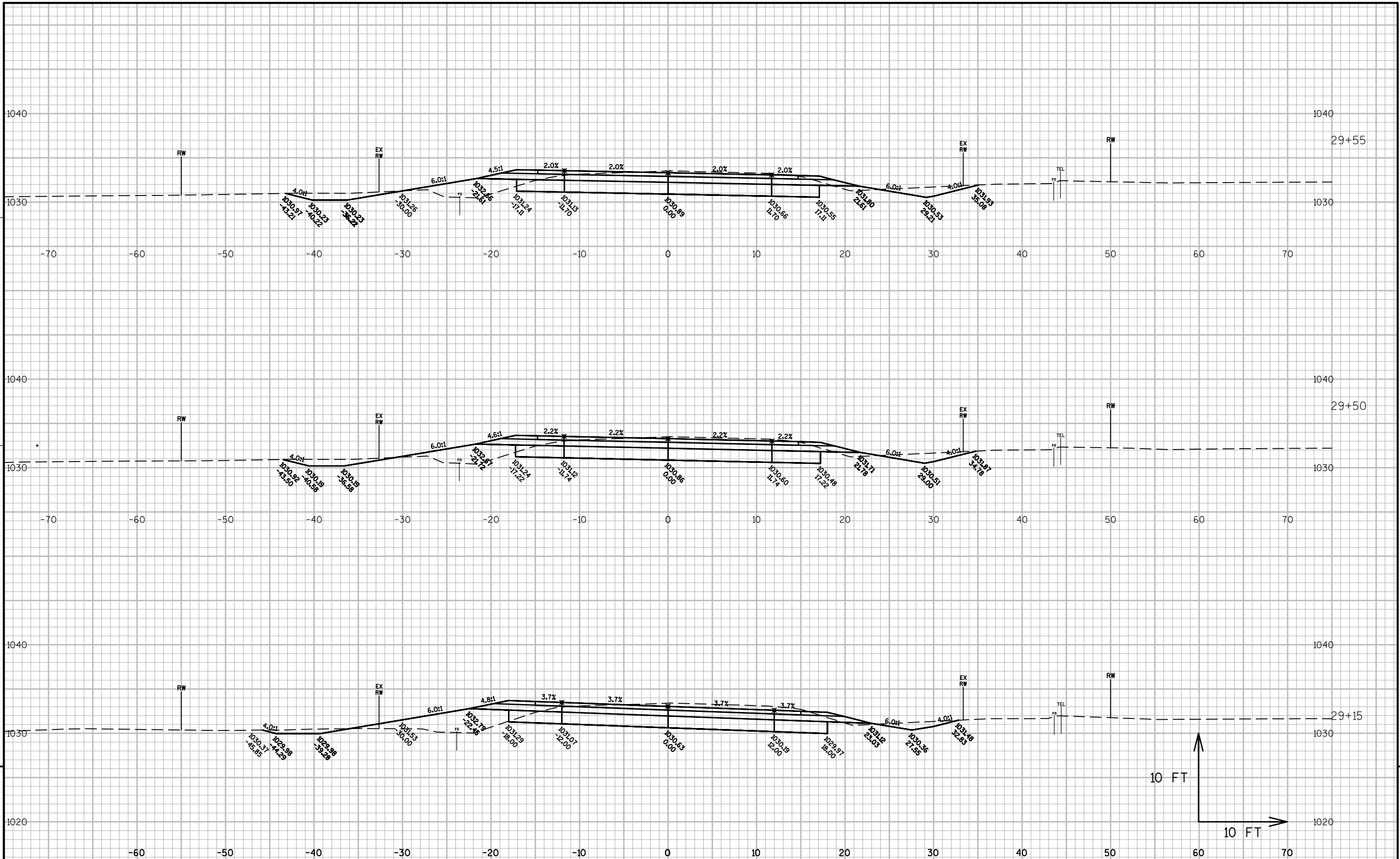


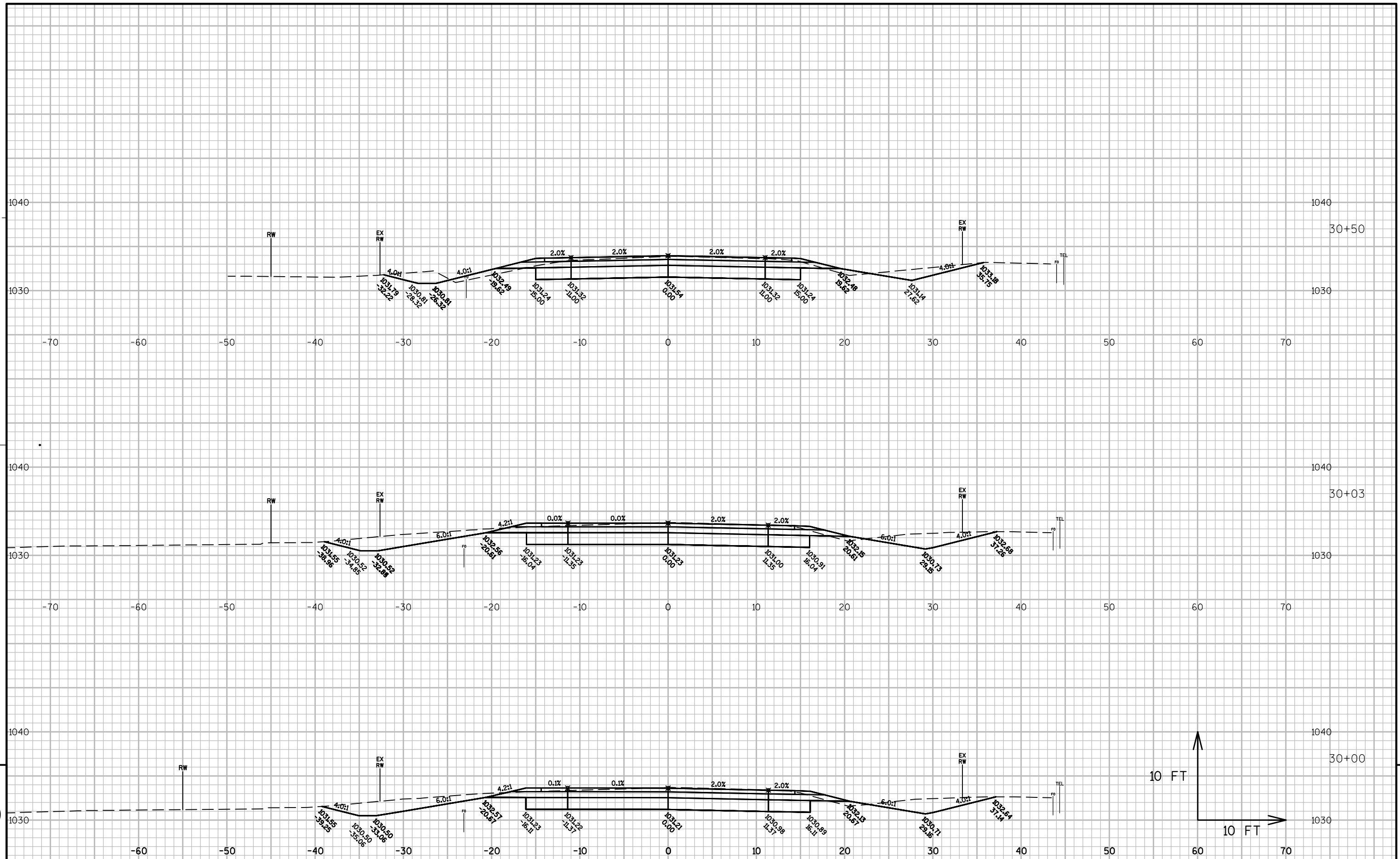


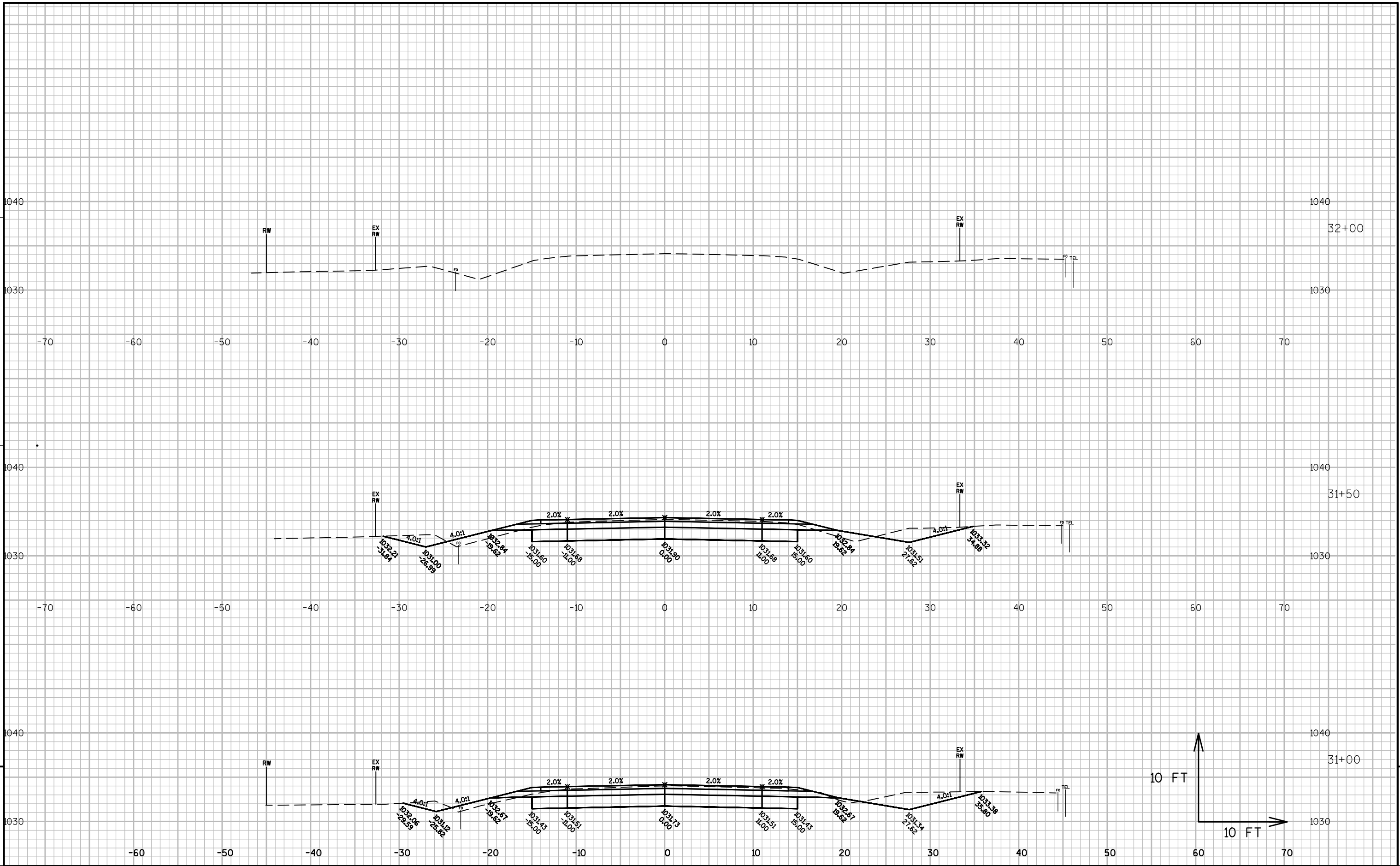




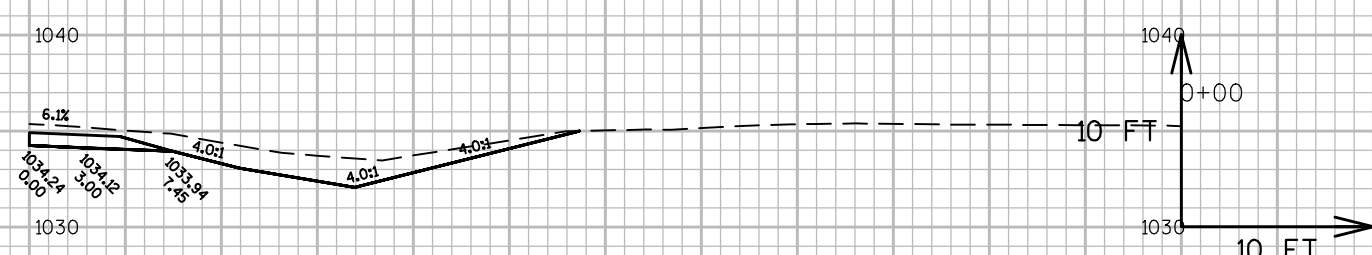
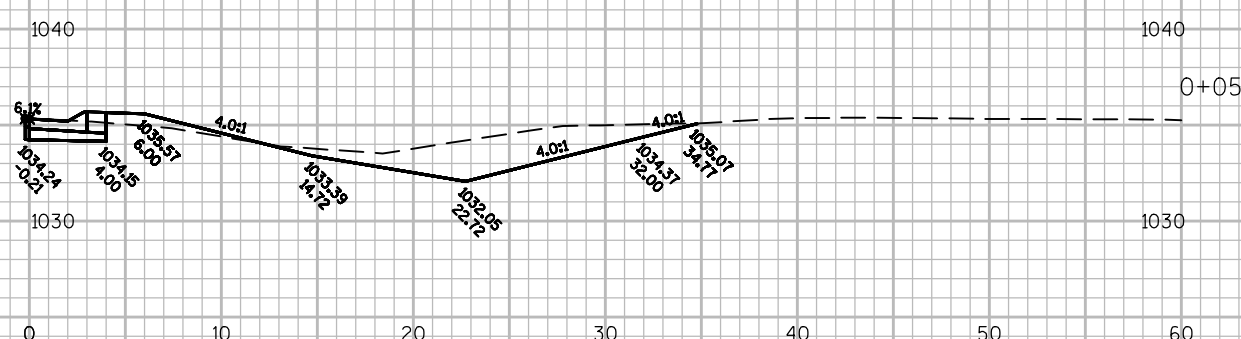






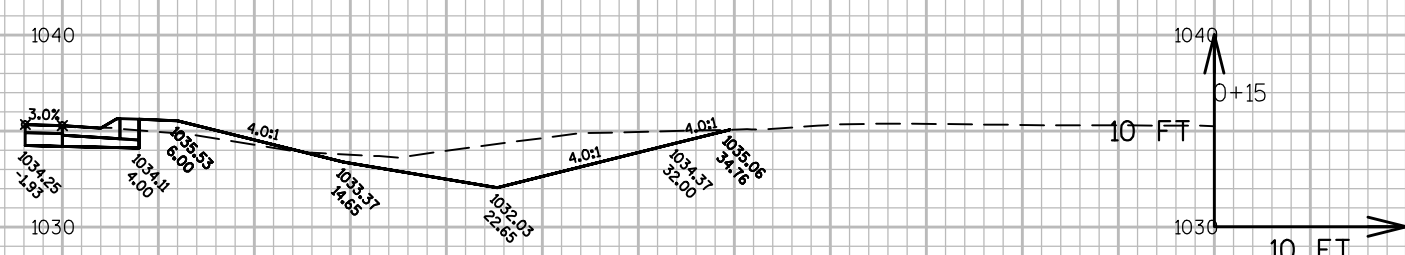
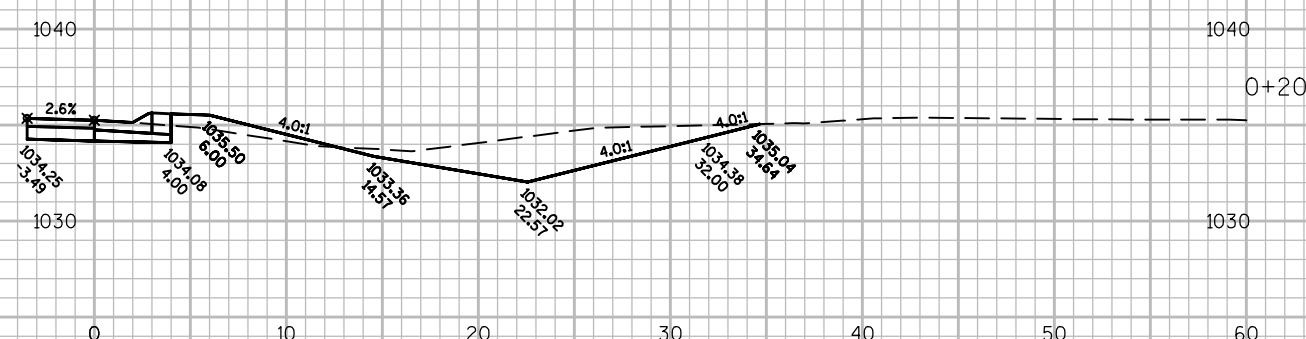
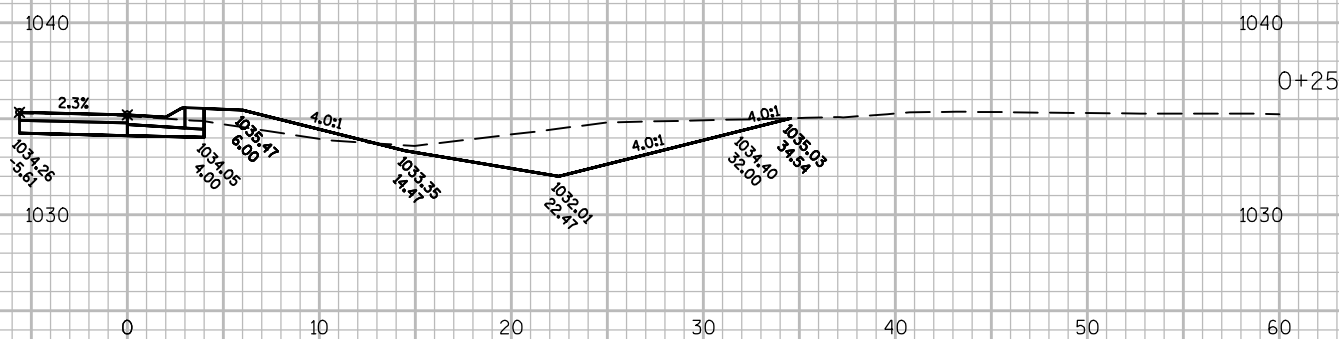


9



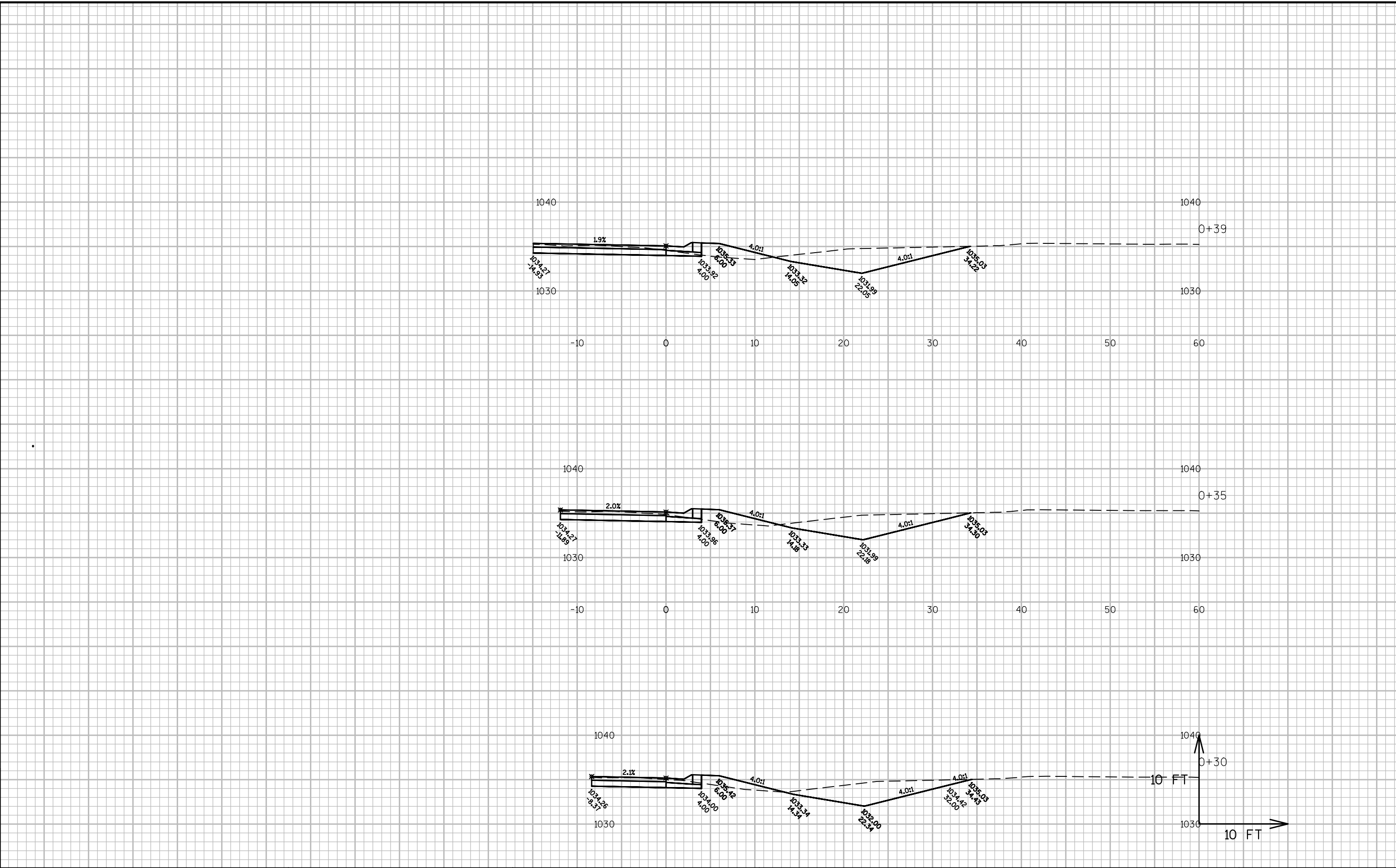
9

9



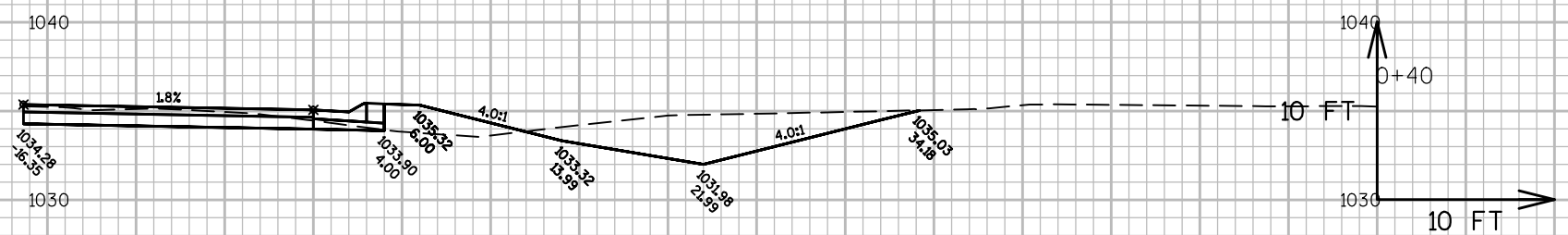
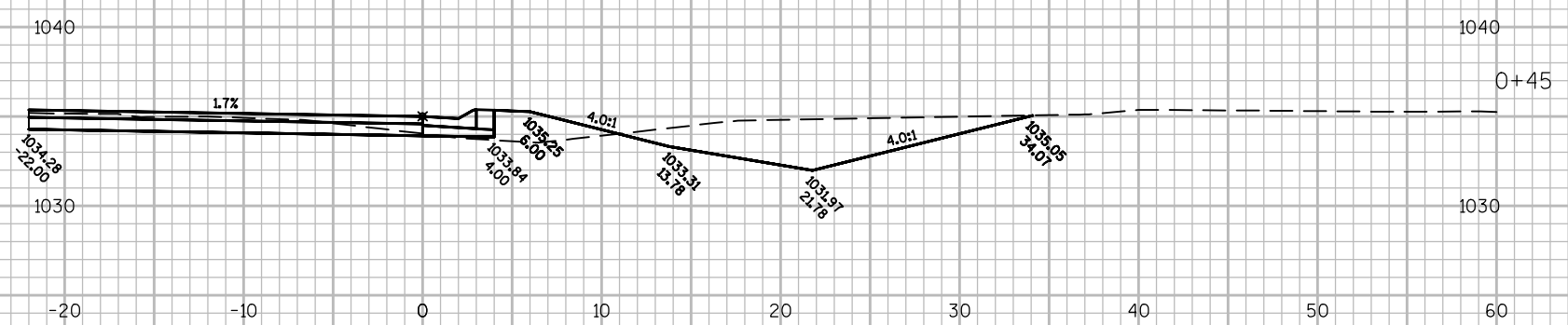
9

9

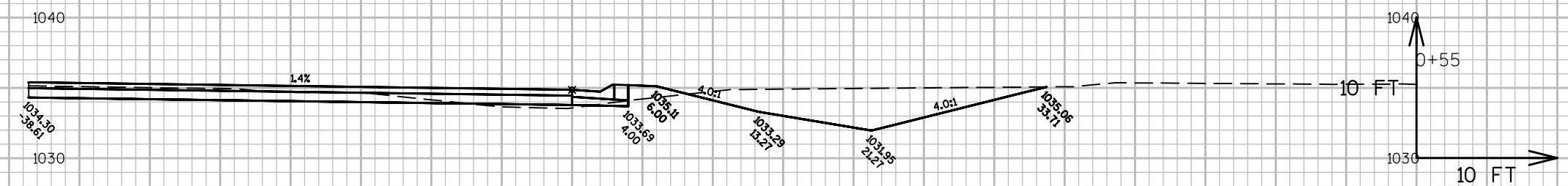
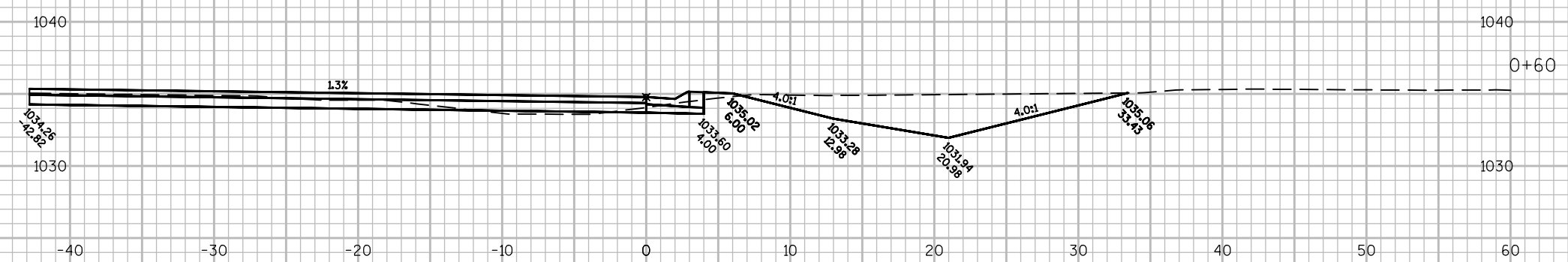


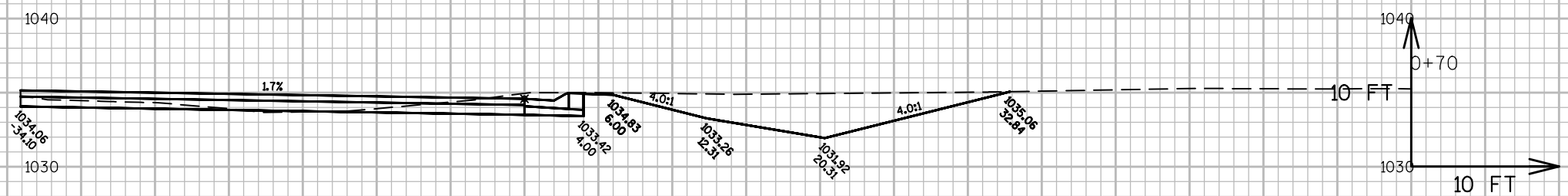
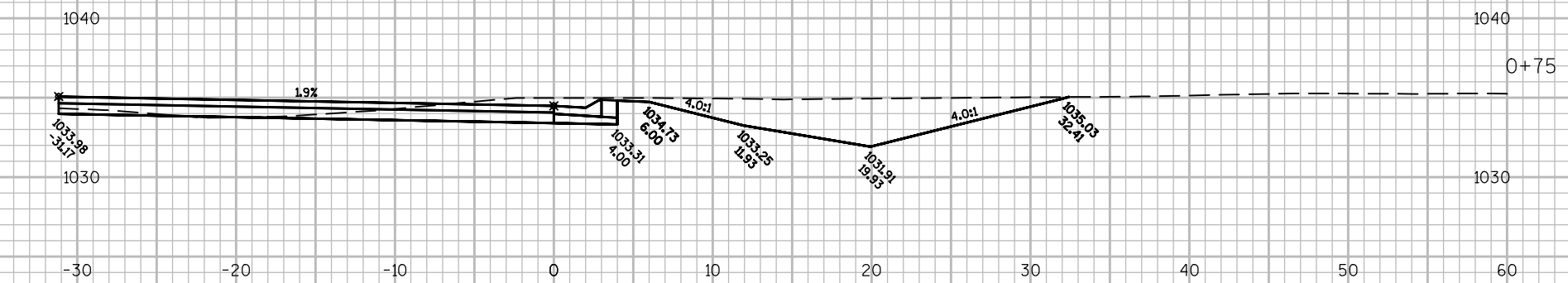
9

9



9





PROJECT NO: 8620-07-73

HWY: STH 40

COUNTY: CHIPPEWA

CROSS SECTIONS: NE CTH F

SHEET

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
70	
71	
72	
73	
74	
75	
76	
77	
78	
79	
80	
81	
82	
83	
84	
85	
86	
87	
88	
89	
90	
91	
92	
93	
94	
95	
96	
97	
98	
99	
100	

FILE NAME : N:\PDS\C3D\86200703\SHEETSP\PLAN\090200_XS.DWG
LAYOUT NAME - NE-6

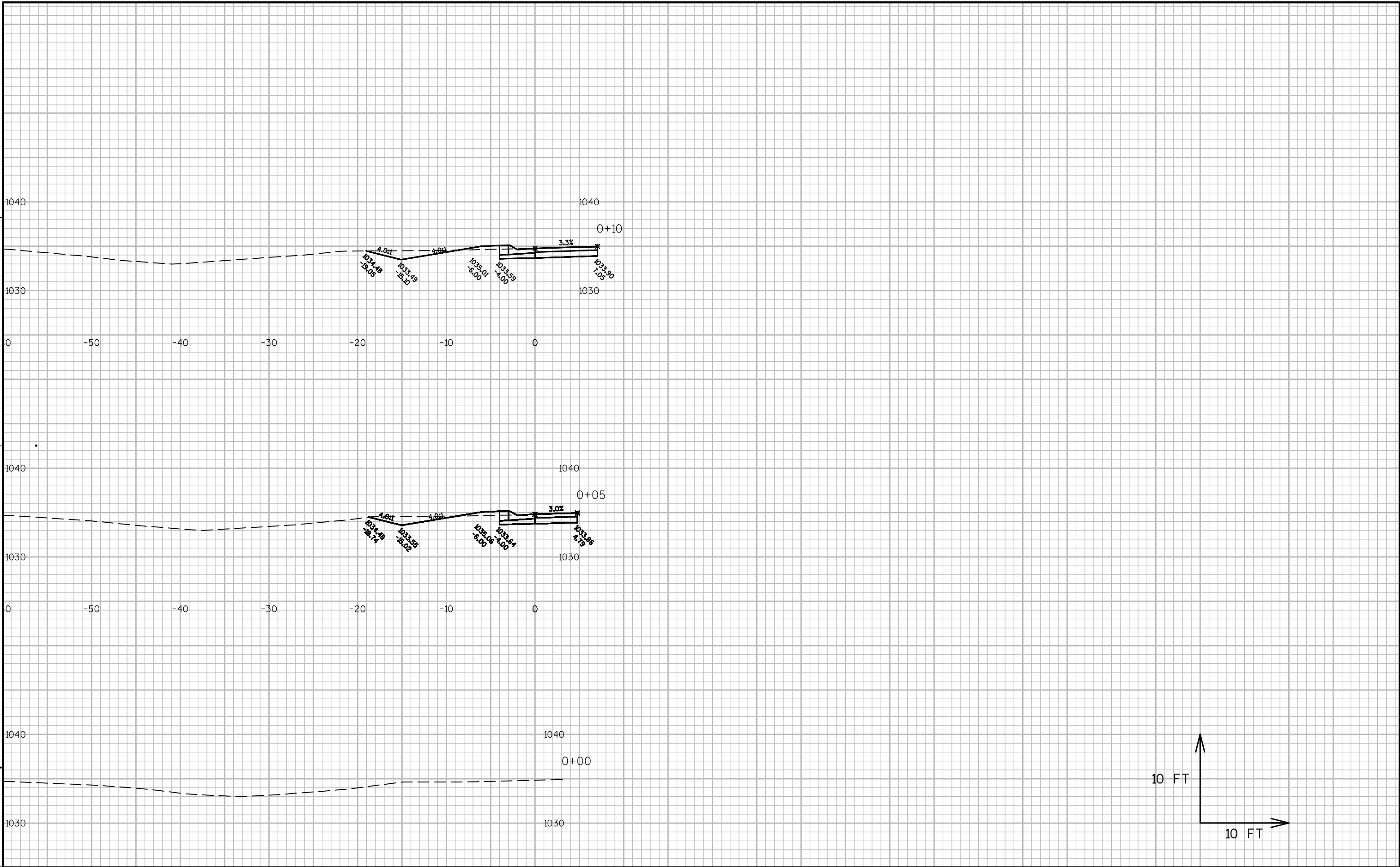
PLOT DATE : 2/26/2015 2:36 PM

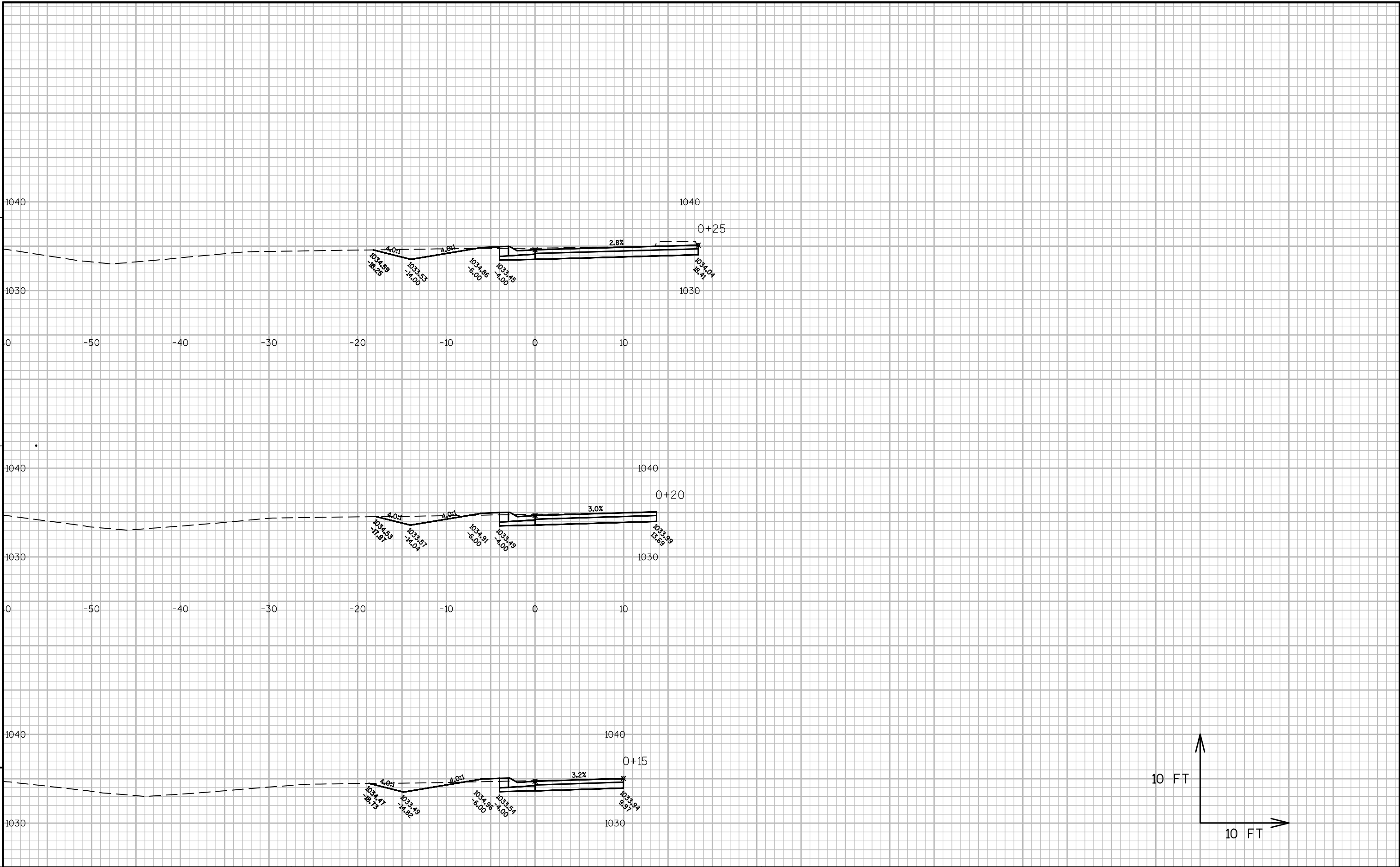
PLOT BY : MOUNIR, MOHAMED A

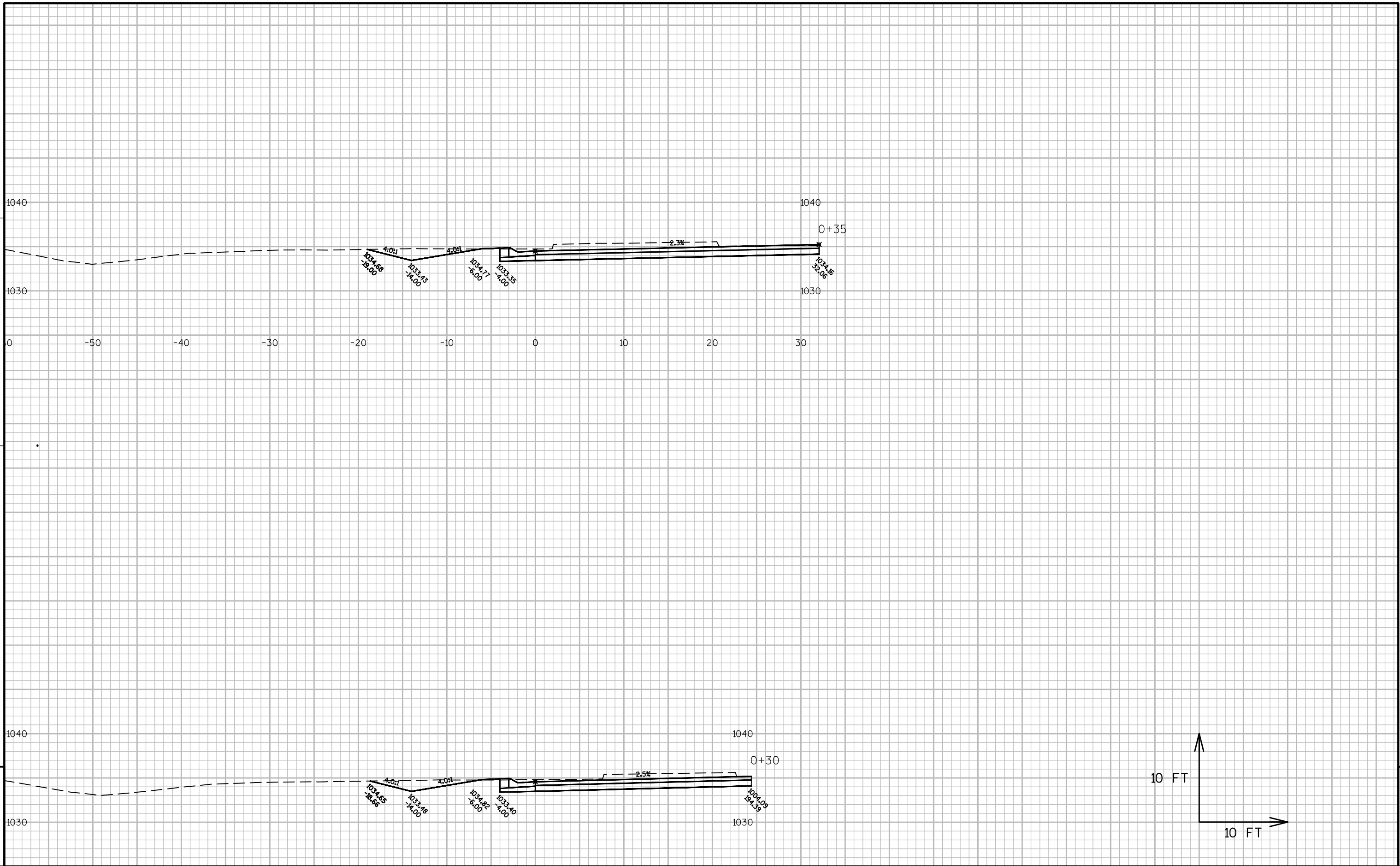
PLOT NAME :

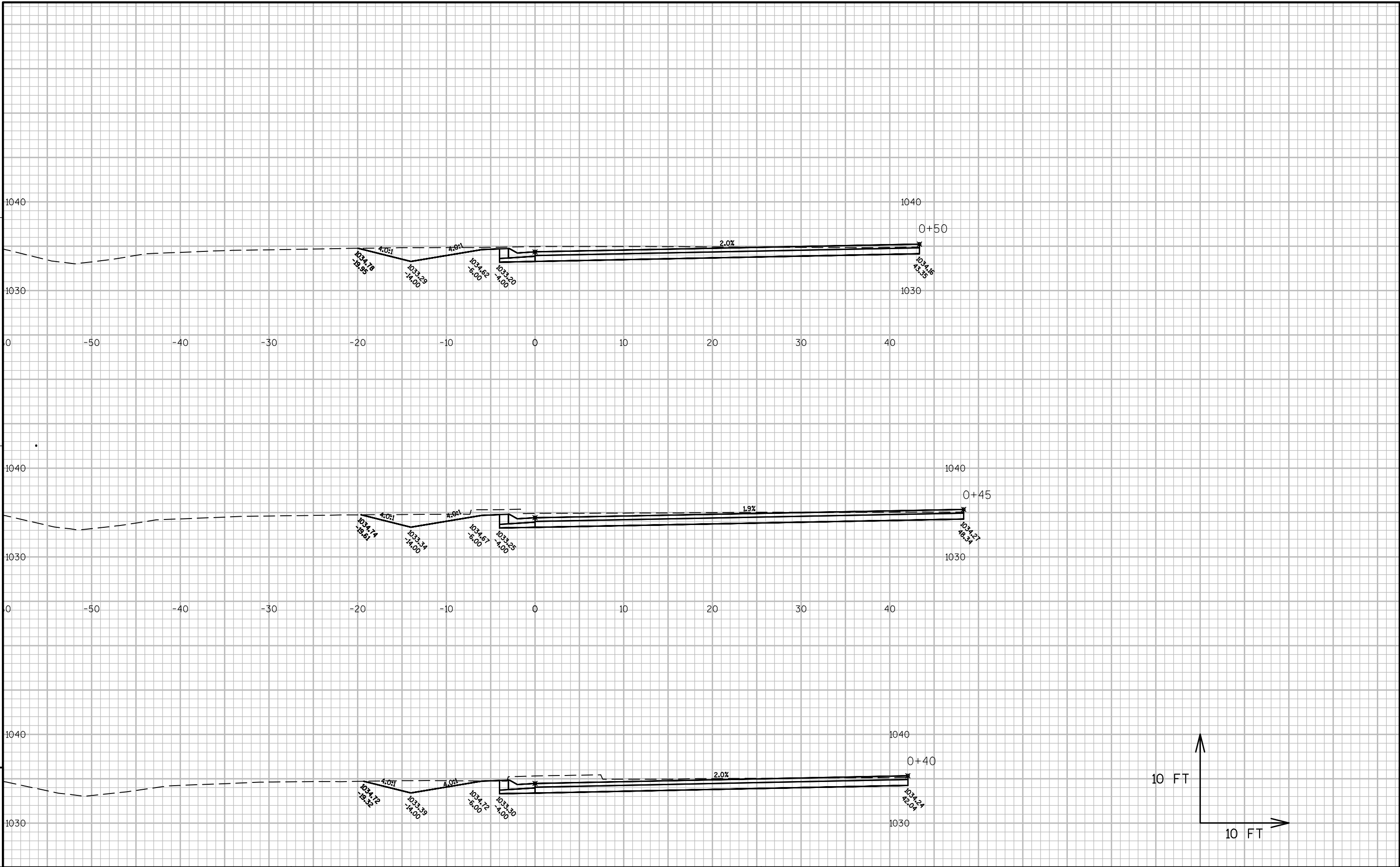
PLOT SCALE : 1 IN:10 FT

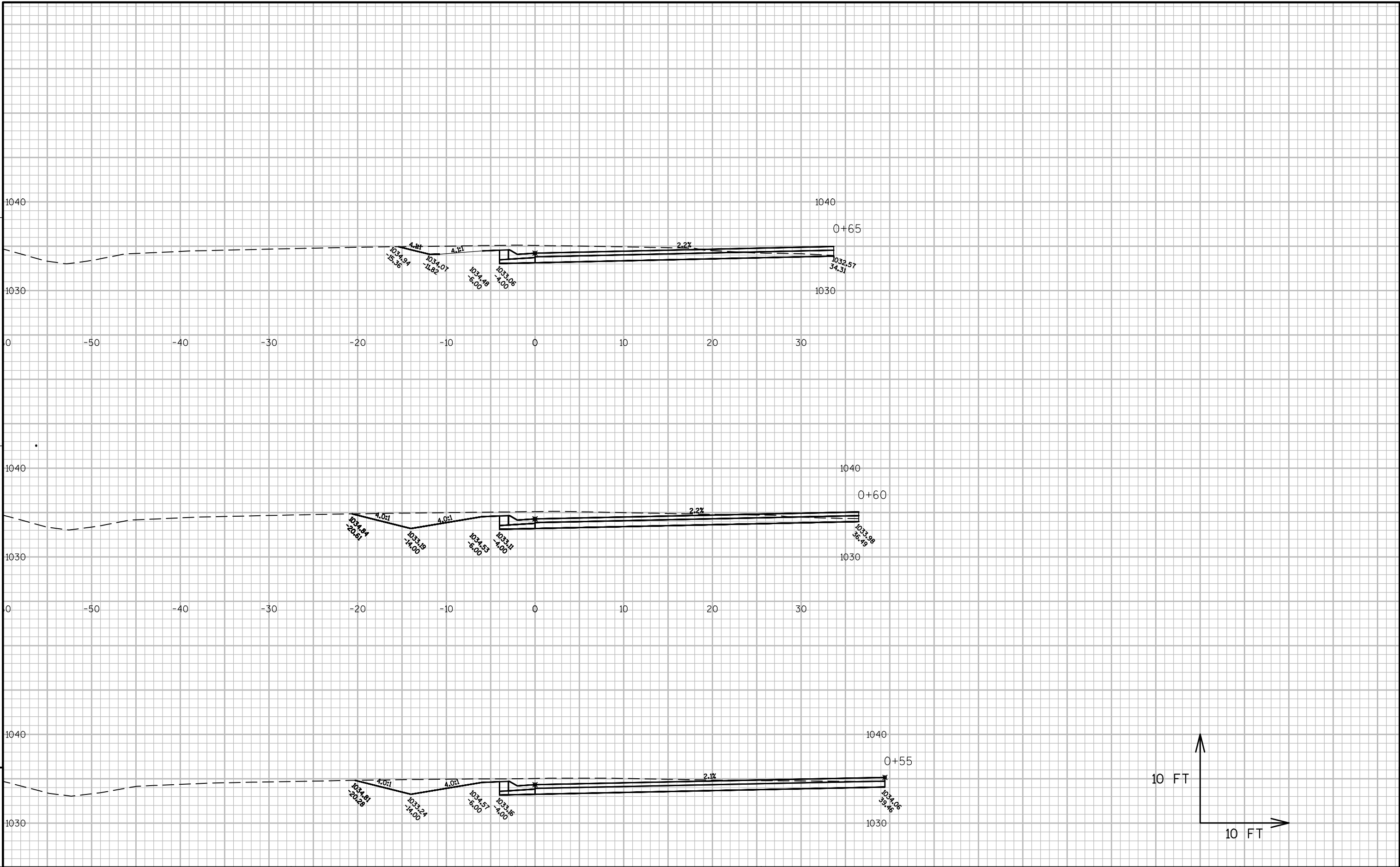
WISDOT/CADDS SHEET 49

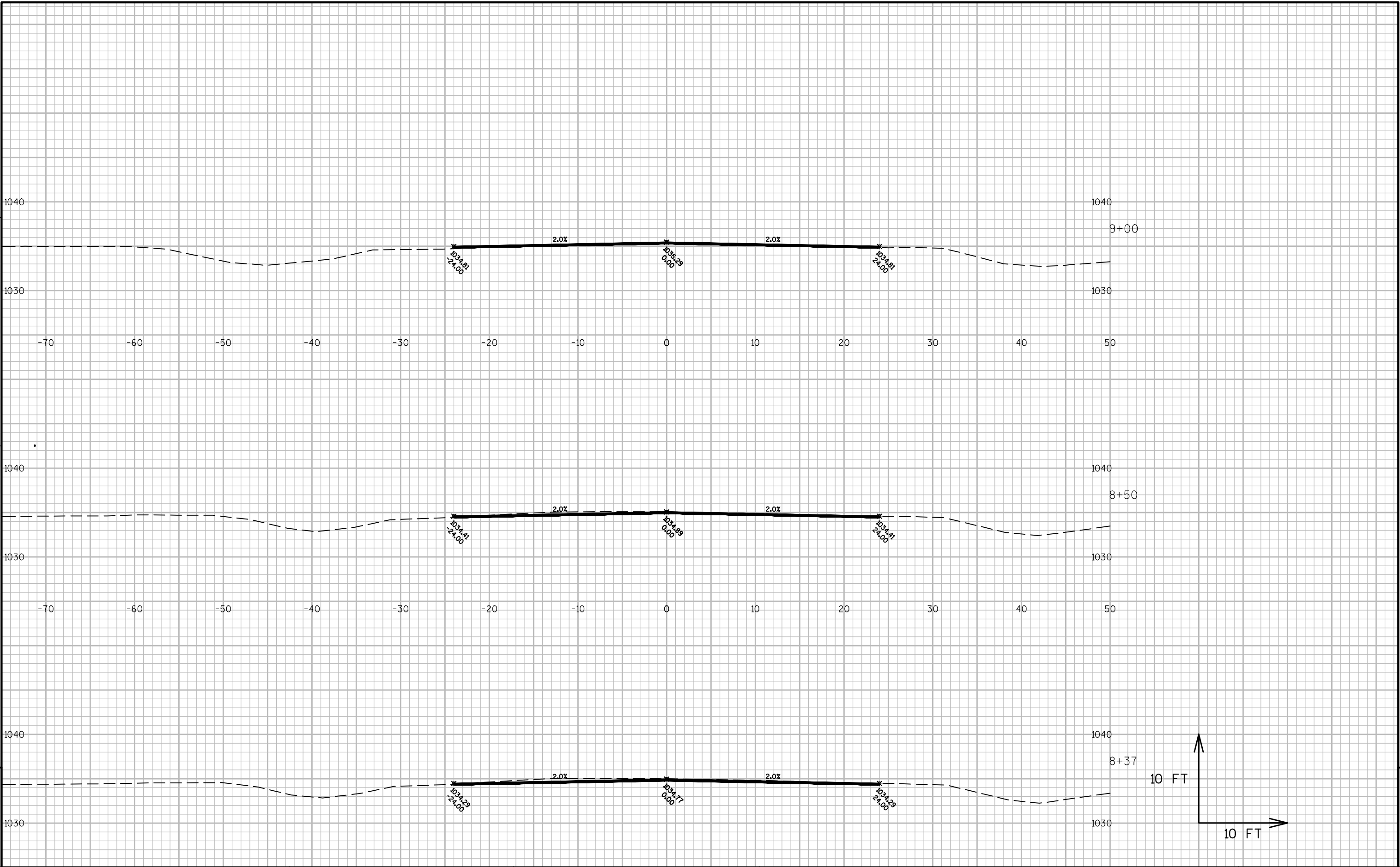


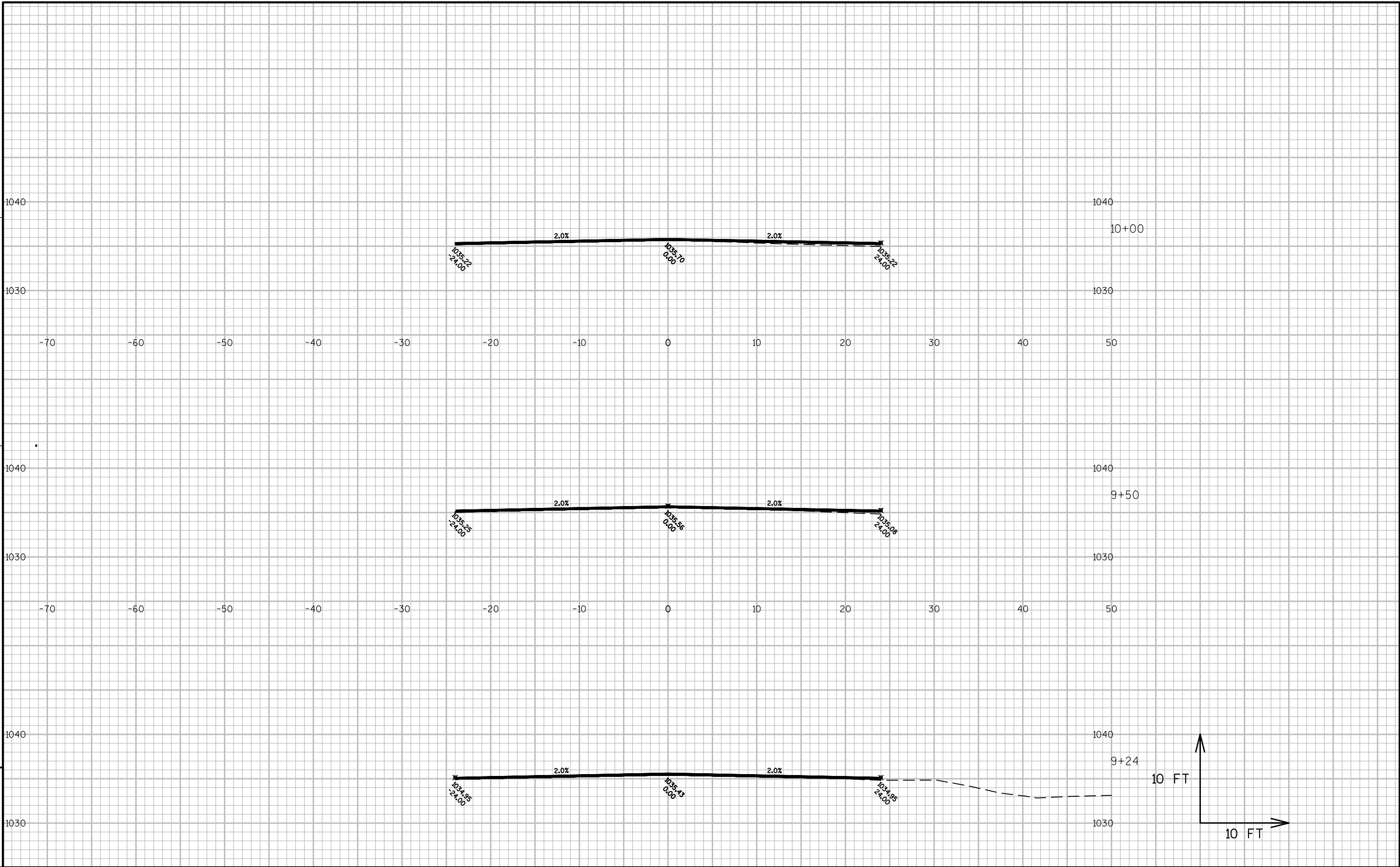


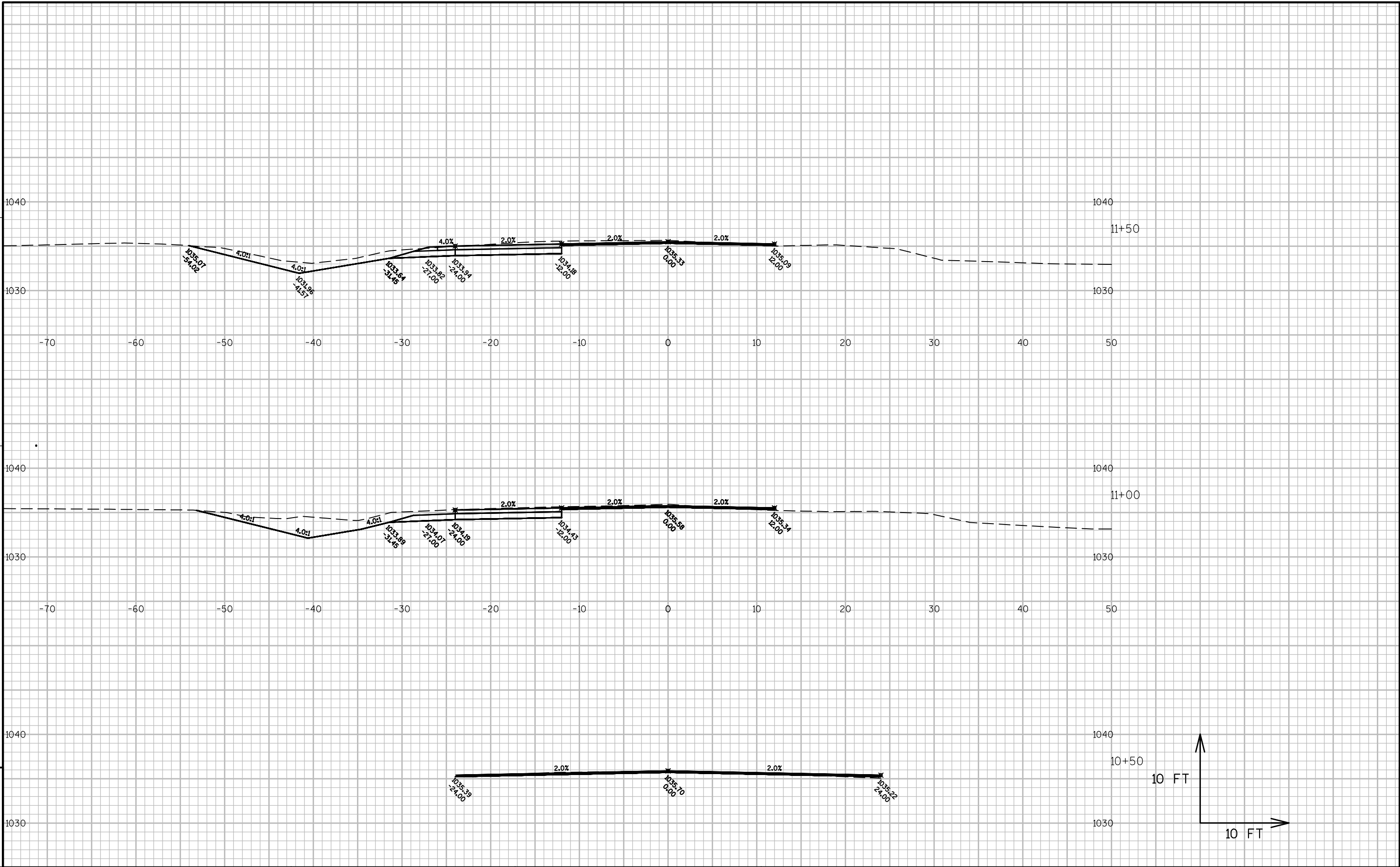


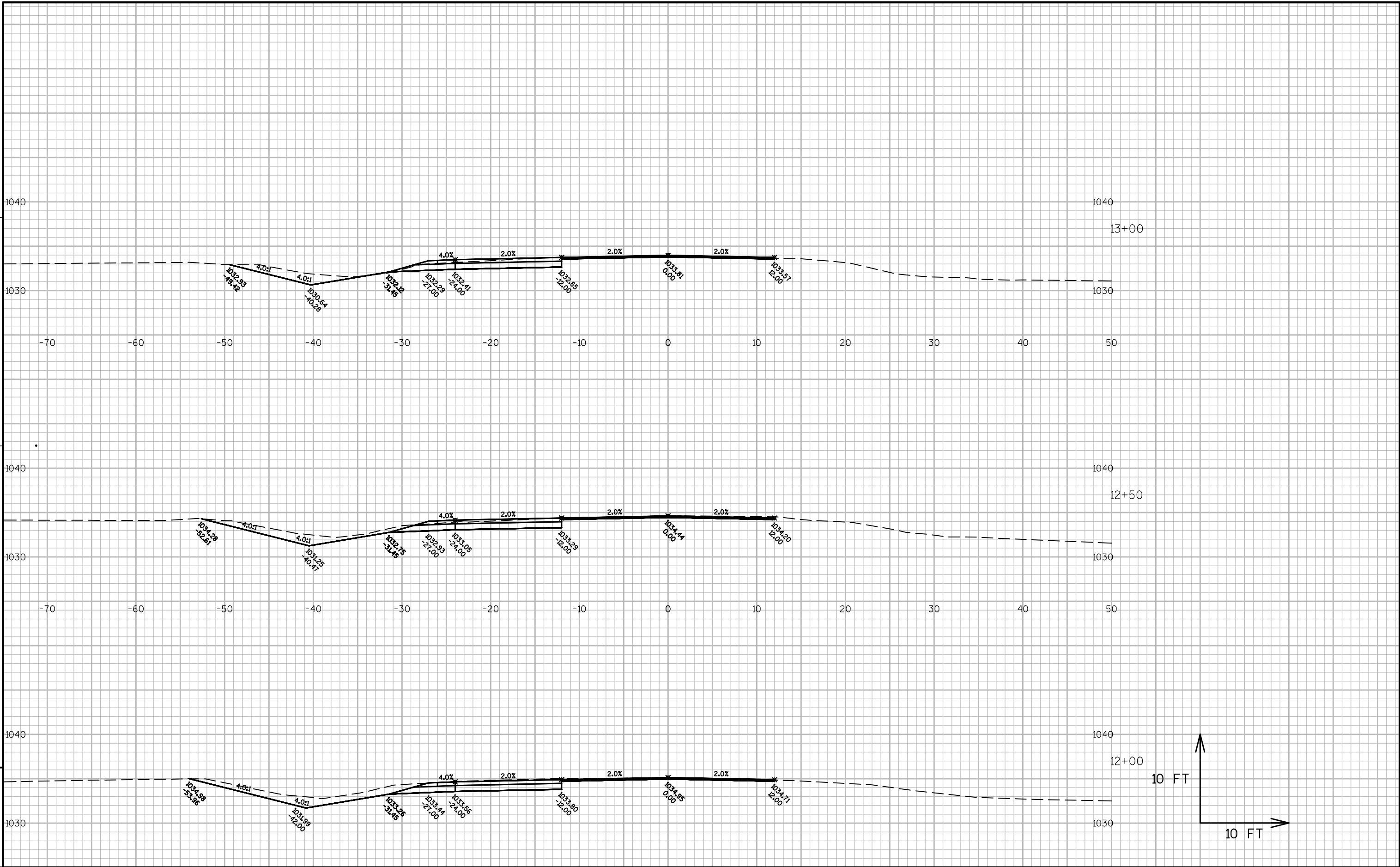


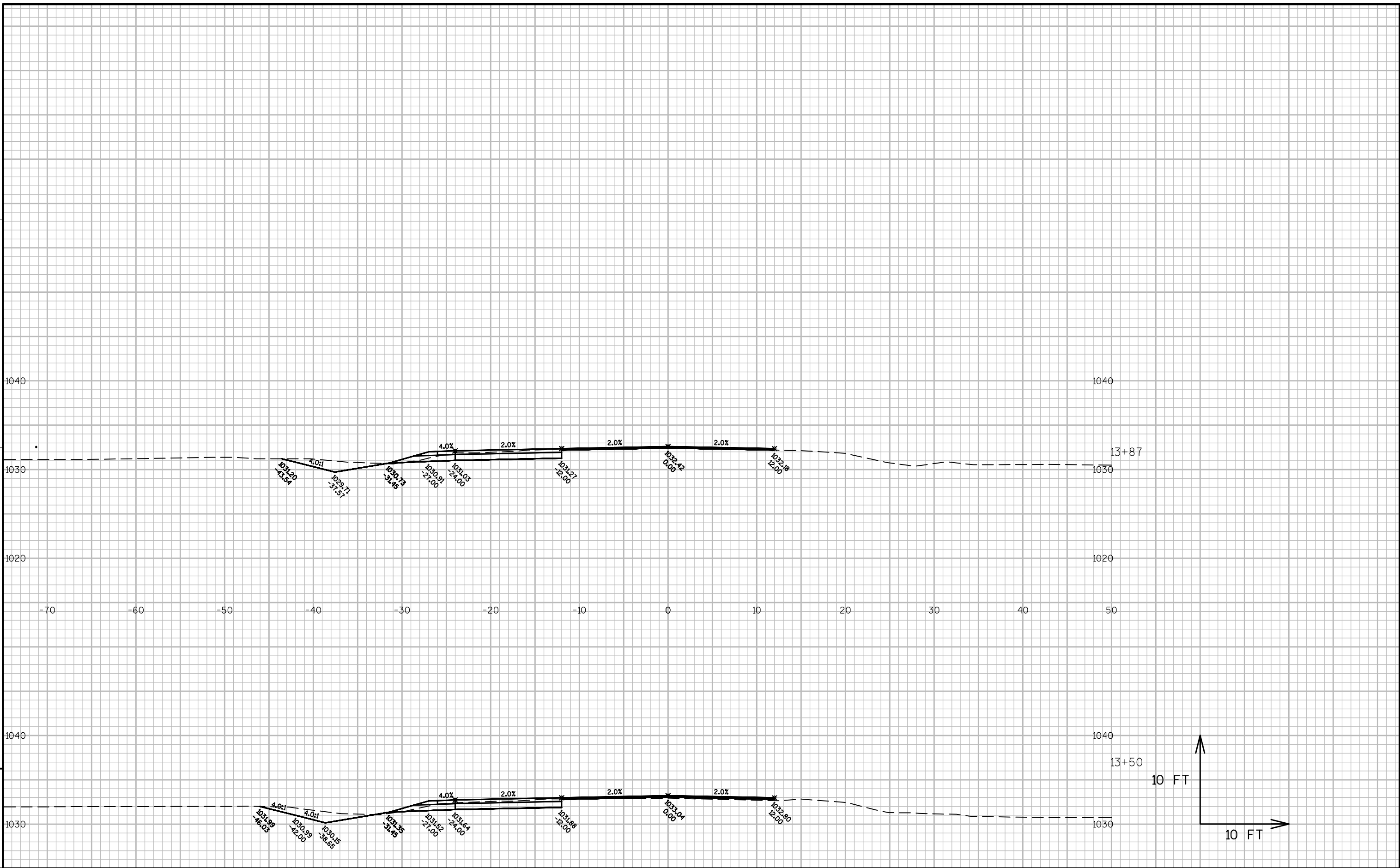


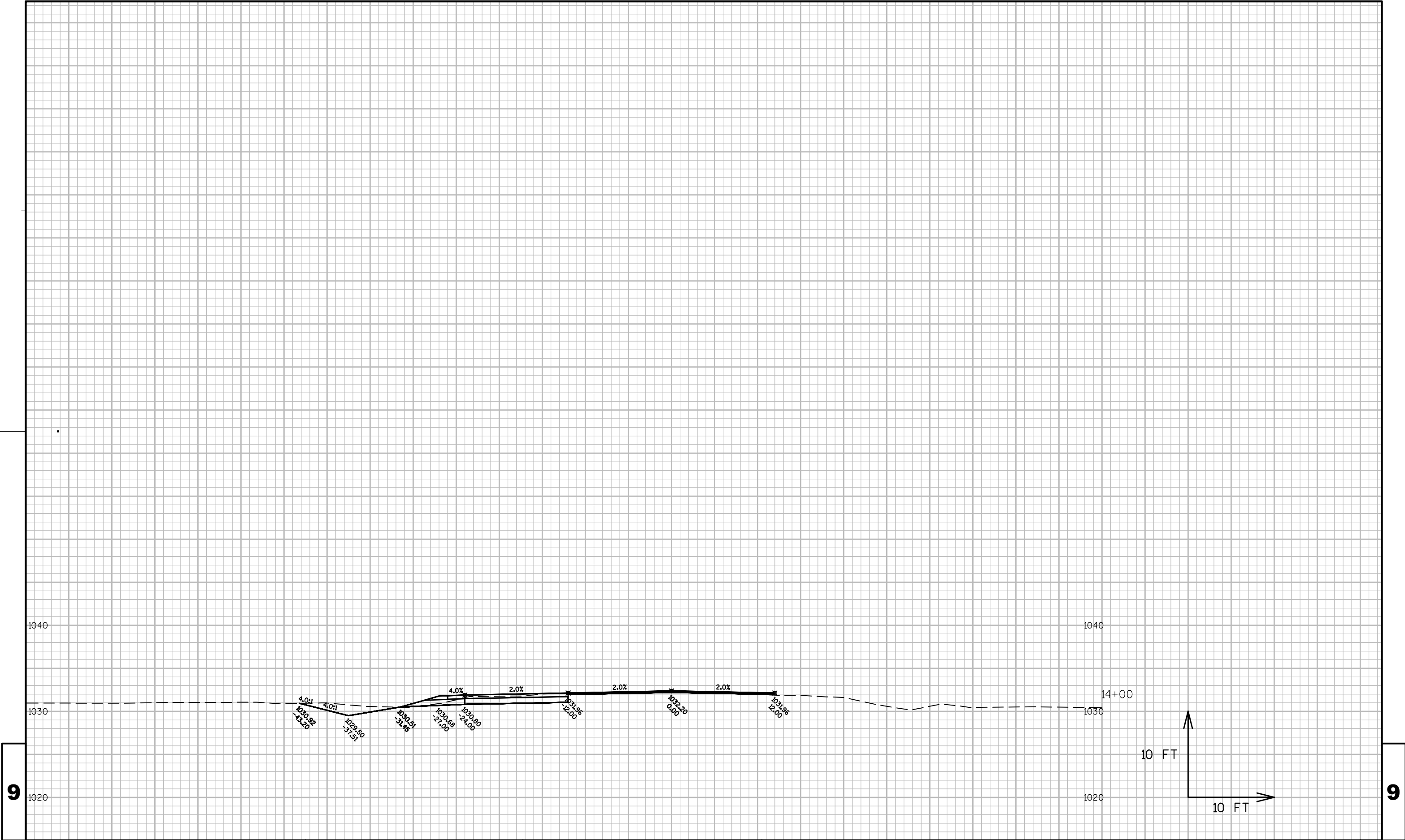












PROJECT NO:8620-07-73

HWY:STH 40

COUNTY:CHIPPEWA

CROSS SECTIONS: CTH F

SHEET

E

FILE NAME : N:\PDS\C3D\86200703\SHEETSP\AN\090200_XS.DWG
LAYOUT NAME - STH 64 - (6)

PLOT DATE : 2/26/2015 2:37 PM

PLOT BY : MOUNIR, MOHAMED A PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDs SHEET 49