PROJECT ID: 2711-06-70

WITH: N/A

COUNTY: WASHINGTON

ORDER OF SHEETS

TOTAL SHEETS =

N

DESIGN DESIGNATION

A.A.D.T.	2024	=	4,500
A.A.D.T.	2044	=	7,400
D.H.V.		=	455
D.D.		=	50/50
T		=	13.6%
DESIGN SPEED		=	50 MPH
ESALS		=	1,500,000 HMA

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE	300 EB	ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
		UTILITY PEDESTAL	
		POWER POLE	
WOODED OR SHRUB AREA		TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

POLK - JACKSON

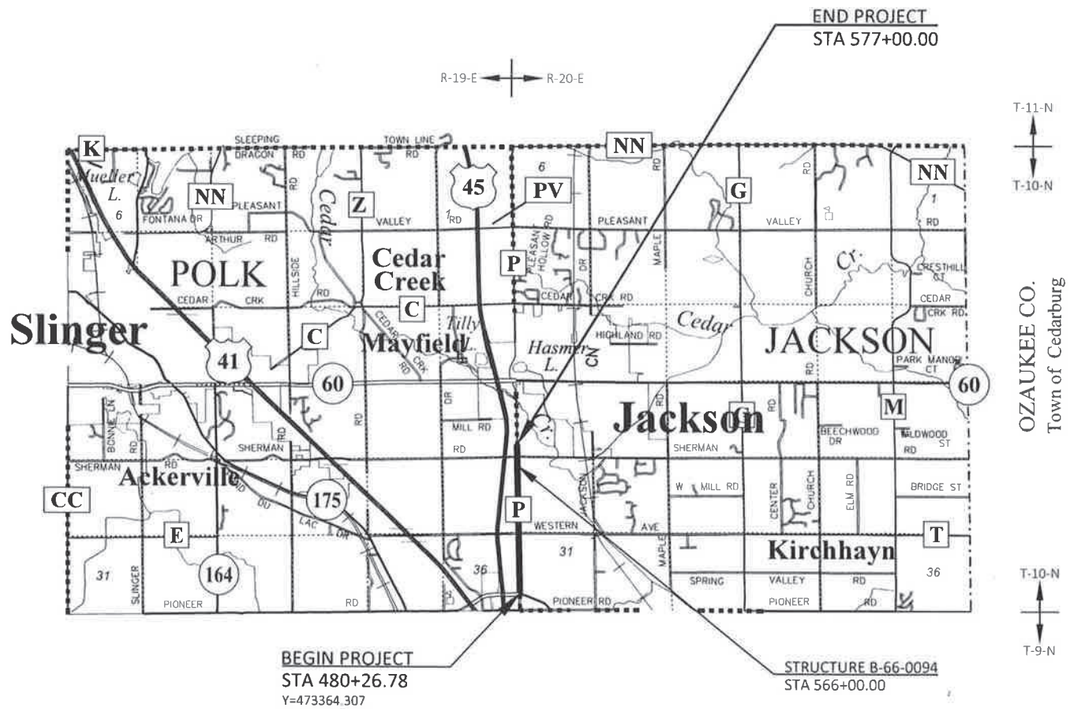
STH 145 TO SHERMAN ROAD

CTH P

WASHINGTON COUNTY

STATE PROJECT NUMBER
2711-06-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2711-06-70		



LAYOUT SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 1.832

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM (WSPCS), SOUTH ZONE.

ELEVATIONS ON THIS PLAN ARE REFERENCED TO NAVD88 (2012).

ACCEPTED FOR

WASHINGTON COUNTY

Date 10/24/23 SCOTT SCHMIDT
CHIEF PUBLIC WORKS OFFICER

ORIGINAL PLANS PREPARED BY

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac
93 South Pioneer Road, Suite 300
Fond du Lac, WI 54935
(920) 924-5720

WISCONSIN JEFFREY A. CHVOSTA E-39047 SLINGER, WI PROFESSIONAL ENGINEER

DATE 10/24/23 JEFFREY A. CHVOSTA, PE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	GREMMER & ASSOCIATES, INC.
Designer	GREMMER & ASSOCIATES, INC.
Project Manager	JOSEPH JELACIC
Regional Examiner	SOUTHEAST REGION
Regional Supervisor	BRIAN BOOTHBY

APPROVED FOR THE DEPARTMENT

Joseph Jelacic Digitally signed by Joseph Jelacic DN: CN=P, E=joseph.jelacic@dot.wi.gov, OU=, CN=Joseph Jelacic Date: 2023.10.25 15:50:44 -05'00'

DATE: 10/25/23 [Signature]

E

GENERAL NOTES

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

THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.

A VERTICAL SAW CUT SHALL BE MADE THROUGH EXISTING DRIVEWAYS, SIDEWALKS AND PAVEMENTS AT THE REMOVAL LIMITS.

SAWCUT LOCATIONS SHOWN ON THE PLANS ARE SUBJECT TO ADJUSTMENT BY THE ENGINEER IN THE FIELD.

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

THE EXACT LOCATION AND LAYOUT OF PRIVATE ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

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

SALVAGED TOPSOIL, FERTILIZER, SEED AND MULCH OR EROSION MAT AS SHOWN IN PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE PLACED ON ALL DISTURBED AREAS, EXCLUSIVE OF THE AREA OCCUPIED BY THE NEW PAVEMENTS, SIDEWALKS, ENTRANCES, AND RELATED STRUCTURES.

SECTIONS AS SHOWN ON THE CROSS-SECTIONS INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED.

CURB AND GUTTER RADII ARE SHOWN TO THE FLANGE OF CURB.

ROTATE MANHOLE COVERS TO MATCH LANE LINES OR CENTER OF LANE AS DIRECTED BY THE ENGINEER IN THE FIELD.

REMOVAL OF ASPHALTIC PAVEMENT SHALL BE MEASURED AND PAID FOR AS EXCAVATION COMMON.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING, OR PARKING LANE.

THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER AND SCOTT SCHMIDT, WASHINGTON COUNTY CHIEF PUBLIC WORKS OFFICER, AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

ORDER OF SECTION 2 SHEETS

ABBREVIATIONS

AEW	APRON ENDWALL
AGG	AGGREGATE
AH	AHEAD
ASP	ASPHALT
BK	BACK
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
CC	CENTER OF CURVATURE
CE	COMMERCIAL ENTRANCE
C&G	CURB AND GUTTER
C/L	CENTER OR CONSTRUCTION LINE
CONC	CONCRETE
CPCM	CULVERT PIPE CORRUGATED METAL
CPCS	CULVERT PIPE CORRUGATED STEEL
CPRC	CULVERT PIPE REINFORCED CONCRETE
CSD	CONCRETE SURFACE DRAIN
CY	CUBIC YARD
D	DEGREE OF CURVE
Δ	DELTA
DISCH	DISCHARGE
E	EXTERNAL DISTANCE FROM MIDPOINT OF CIRCULAR CURVE FROM ANGLE INTERSECTION
ELEV	ELEVATION
FE	FIELD ENTRANCE
HMA	HOT MIX ASPHALT
HP	HIGH POINT
HT	HEIGHT
INV	INVERT
L	LENGTH OF CURVE
LHF	LEFT HAND FORWARD
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
M/L	MATCHLINE
NC	NORMAL CROWN
NOM	NOMINAL
NORM	NORMAL
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	PRIVATE ENTRANCE
PI	POINT OF INTERSECTION
PLE	PERMANENT LIMITED EASEMENT
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
RCAEW	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RHF	RIGHT HAND FORWARD
RO	RUN OFF LENGTH
RT	RIGHT
SALV	SALVAGED
SDD	STANDARD DETAIL DRAWING
SE	SUPER ELEVATION
SEG	SEGMENT
SF	SQUARE FOOT
SS	STORM SEWER
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH
TLE	TEMPORARY LIMITED EASEMENT
TYP	TYPICAL
V	VELOCITY OR DESIGN SPEED
VC	VERTICAL CURVE
VCL	VERTICAL CURVE LENGTH
VPC	POINT OF VERTICAL CURVE
VPI	POINT OF VERTICAL INTERSECTION
VPRC	POINT OF VERTICAL REVERSE CURVE
VPT	POINT OF VERTICAL TANGENT

UTILITIES

COMMUNICATIONS
AT&T - WISCONSIN
435 SOUTH 95TH STREET
MILWAUKEE, WI 53214-1226
ATTN: DEAN HERRO
MOBILE: (262) 226-9639
EMAIL: dh2572@att.com

GAS
FLINT HILLS RESOURCES LP
N4240 STH 26
WAUPUN, WI 53963
ATTN: TIM KAROW
PHONE: (920) 296-8899
EMAIL: tim.karow@fhr.com

COMMUNICATIONS
MIDWEST FIBER NETWORKS
6070 NORTH FLINT ROAD
GLENDALE, WI 53209
ATTN: CORY SCHMUKI
PHONE: (414) 459-3561
MOBILE: (414) 349-2764
EMAIL: cschmuki@midwestfibernetworks.com

COMMUNICATIONS
SPECTRUM
1515 WEST WASHINGTON STREET
WEST BEND, WI 53095
ATTN: NICK FRASE
PHONE: (262) 429-9897
MOBILE: (920) 304-6797
EMAIL: nick.frase@charter.com

SANITARY SEWER
VILLAGE OF JACKSON
W194 N16660 EAGLE DRIVE
JACKSON, WI 53037
ATTN: BRIAN KOBER
PHONE: (262) 677-0707
EMAIL: brian.kober@villageofjackson.com

WATER MAIN
VILLAGE OF JACKSON
W194 N16660 EAGLE DRIVE
JACKSON, WI 53037
ATTN: BRIAN KOBER
PHONE: (262) 677-0707
EMAIL: brian.kober@villageofjackson.com

ELECTRIC
WE ENERGIES
500 SOUTH 116TH STREET
WEST ALLIS, WI 53214
ATTN: GREG BOERNER
PHONE: (618) 409-5861
EMAIL: gregory.boerner@we-energies.com

GAS
WE ENERGIES
500 SOUTH 116TH STREET
WEST ALLIS, WI 53214
ATTN: ROBERT SWEIGART
PHONE: (414) 935-4438
EMAIL: robert.sweigart@we-energies.com

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

DNR AREA LIAISON
WISCONSIN DEPT. OF NATURAL RESOURCES
141 NW BARSTOW STREET #180
WAUKESHA, WI 53188
ATTN: BENTON STELZEL
PHONE: (262) 623-0194
EMAIL: benton.stelzel@wisconsin.gov

WISDOT CONTACT
WISCONSIN DEPARTMENT OF TRANSPORTATION
141 NW BARSTOW STREET
WAUKESHA, WI 53188
ATTN: JOSEPH JELACIC
PHONE: (262) 548-6762
EMAIL: joseph.jelacic@dot.wi.gov

DESIGN CONTACT
GREMMER & ASSOCIATES, INC.
93 SOUTH PIONEER ROAD, SUITE 300
FOND DU LAC, WI 54935
ATTN: JEFFREY A. CHVOSTA, PE
PHONE: (920) 924-5720
EMAIL: j.chvosta@gremmerassociates.com

WASHINGTON COUNTY CONTACT
SCOTT SCHMIDT
CHIEF PUBLIC WORKS OFFICER
900 LANG STREET
WEST BEND, WI 53090
PHONE: (262) 335-4435
EMAIL: scott.schmidt@washcowisco.gov

TOWN OF JACKSON CONTACT
ROBERT HARTWIG
TOWN CHAIRPERSON
3146 DIVISION ROAD
JACKSON, WI 53037
PHONE: (262) 677-4048
EMAIL: bobh@townofjacksonwi.gov

TOWN OF POLK CONTACT
ALBERT SCHULTEIS
TOWN CHAIRPERSON
3680 STATE HWY 60
SLINGER, WI 53086
PHONE: (262) 677-2123
EMAIL: albert.schulteis@townofpolk-wi.gov

RUNOFF COEFFICIENT TABLE

	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.25 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

TOTAL PROJECT AREA = 28.088 ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 23.554 ACRES

2

2

BENCH MARK TABLE

BM	DESCRIPTION	ELEVATION
L	MAG NAIL IN POWER POLE #WE-20-15899, WEST SIDE OF CTH P, 100' SOUTH OF DRIVEWAY TO #3084	896.72
M	MAG NAIL IN POWER POLE #WE-20-15896, WEST SIDE OF CTH P, 200' SOUTH OF DRIVEWAY TO #3000	881.63
N	MAG NAIL IN POWER POLE #93-03339 45-2, SOUTHEAST CORNER OF CTH P AND WESTERN AVENUE	913.52
O	TOP OF SOUTHEAST BOLT ON LIGHT POLE BASE, WEST SIDE OF CTH P, NEAR SOUTHEAST CORNER OF KOEPKE TRUCKING PARKING LOT	934.94
P	RAILROAD SPIKE IN 12" TREE STUMP, WEST SIDE OF CTH P, NORTH SIDE OF GATED ROAD	941.13
Q	MAG NAIL IN POWER POLE #WE-20-05025, WEST SIDE OF CTH P, NORTH SIDE OF DRIVEWAY TO #2723	947.11
R	MAG NAIL IN POWER POLE #WE-20-15473, WEST SIDE OF CTH P, SOUTH SIDE OF DRIVEWAY TO DAACO	954.21
S	MAG NAIL IN POWER POLE #WE-20-15468, WEST SIDE OF CTH P, 200' SOUTH OF DRIVEWAY TO #2660	946.73
T	MAG NAIL IN POWER POLE #WE-20-15465, NORTHWEST CORNER OF CTH P AND STH 145	941.67

SURVEY CONTROL TABLE

POINT #	POINT NAME	Y	X	ELEVATION
23019	1" IP WITH RED CAP	479872.339	2484072.391	868.66
23020	1" IP WITH RED CAP	479898.840	2484148.708	867.11
23375	60D SPIKE	473595.192	2484207.303	943.09
23376	60D SPIKE	473285.322	2484287.713	935.56

N

USH 45

STH 145

WESTERN AVENUE

MATCH LINE 553+00

BM T

CP 23375

BM S

BM R

BM Q

BM P

BM O

BM N

BM M

BM L

CP 23019

CP 23020

BM K

CP 23376

WETLAND LIMITS

BEGIN PROJECT
STA 480+26.78
Y=473364.307
X=2484233.989

480 485 490 495 500 505 510 515 520 525 530 535 540 545 550

USH 45

N

STH 60

SHERMAN ROAD

POLK SPRING CREEK
STREAM RELOCATION

APPROXIMATE EXTENT OF
CONTAMINATED SOILS
1 TO 8-FEET BGS

BM H

BM K

BM J

BM I

555 560 565 570 575 580 585 590 595 600 605 610 615 620 625

APPROXIMATE EXTENT OF
CONTAMINATED SOILS
1.5 TO 6-FEET BGS

STA 566+00.00
STRUCTURE B-66-94
PROPOSED BOX
CULVERT EXTENSIONS

END PROJECT
STA 577+00.00

MATCH LINE 553+00

VILLAGE OF JACKSON

BENCH MARK TABLE

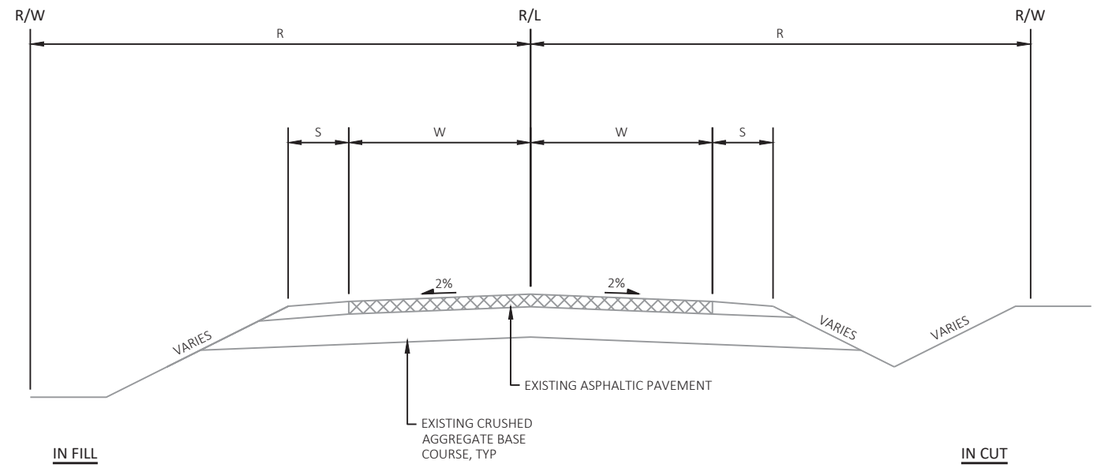
BM	DESCRIPTION	ELEVATION
H	BURY BOLT (SOUTHEAST BOLT) ON FLANGE OF HYDRANT, SOUTH SIDE OF SHERMAN ROAD, 100' WEST OF CTH P	867.61
I	WISDOT ALUMINUM CAP ON HEADWALL, SOUTHEAST CORNER OF B-66-94-86	858.05
J	MAG NAIL IN POWER POLE #WE-20-07816, EAST SIDE OF CTH P, NORTH SIDE OF DRIVEWAY TO #3208	856.20
K	MAG NAIL IN POWER POLE #WE-20-02494, WEST SIDE OF CTH P	864.21

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PROJECT OVERVIEW	SHEET	E

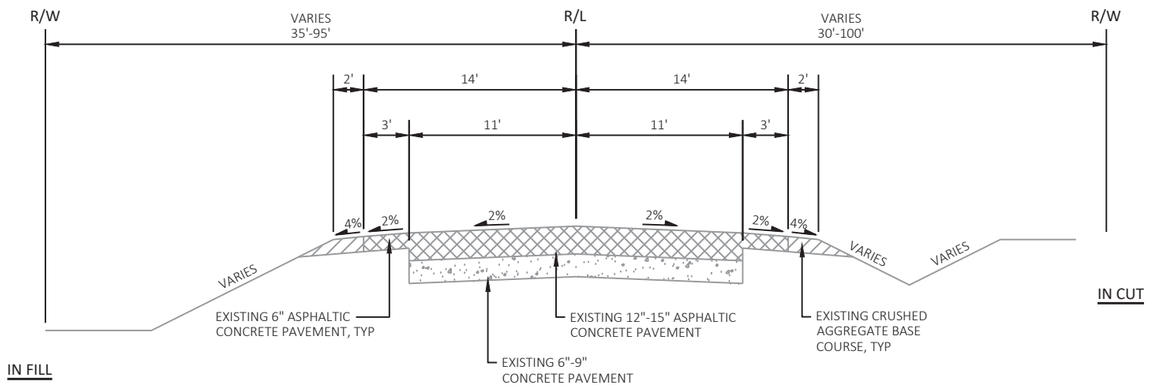
FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-020201-PO.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/31/2023 6:56 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:500 FT

SIDE ROADS - EXISTING						
STREET	LEFT SIDE			RIGHT SIDE		
	ROW (R)	SHOULDER (S)	OVERALL WIDTH (W)	OVERALL WIDTH (W)	SHOULDER (S)	ROW (R)
PRIVATE ROAD	N/A	N/A	12'	12'	N/A	N/A
WESTERN AVENUE (WEST)	33'	VARIES 3'-4'	VARIES 11'-12.5'	VARIES 11'-12.5'	VARIES 1'-2'	33'
WESTERN AVENUE (EAST)	33'	VARIES 1'-4'	VARIES 12'-12.5'	VARIES 12'-12.5'	VARIES 3' TYP	33'
SHERMAN ROAD (WEST)	33'	VARIES 1'-4'	VARIES 12'-13'	VARIES 12'-13'	VARIES 1' TYP	33'
SHERMAN ROAD (EAST)	33'	VARIES 2'-4'	VARIES 12'-12.5'	VARIES 12'-12.5'	VARIES 2' TYP	33'



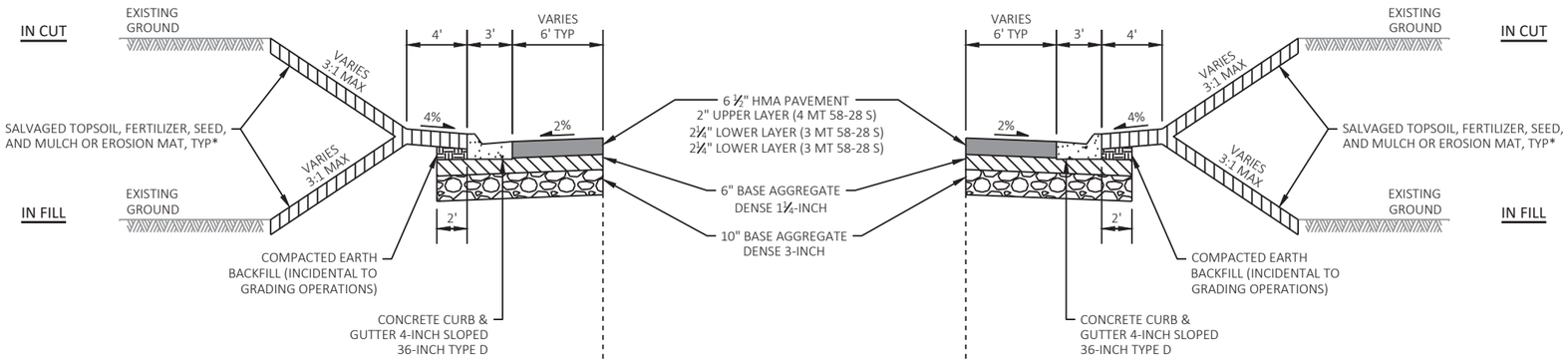
TYPICAL EXISTING SECTION
SIDE ROADS



TYPICAL EXISTING SECTION
CTH P
STA 480+26.88 - STA 577+00.00

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	TYPICAL SECTIONS	SHEET	E

2



CURB & GUTTER SECTION

STA 480+26.88 - STA 482+25.00
STA 567+50.00 - STA 573+56.59

CURB & GUTTER SECTION

STA 566+50.00 - STA 577+00.00

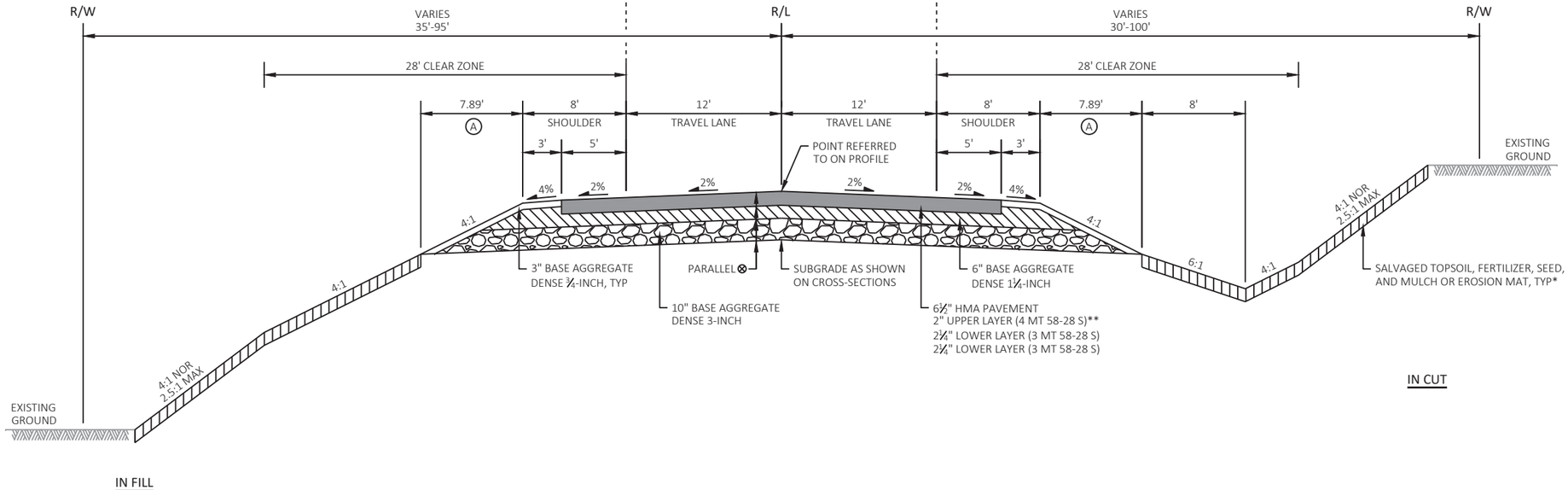
NOTES:

(A) SEEDING & FERTILIZER

* SEE EROSION CONTROL PLANS AND MISCELLANEOUS QUANTITIES FOR LOCATIONS AND TYPES.

** USE 4 MT 58-28 H FOR THE UPPER LAYER FROM STA 480+26.88 TO STA 482+56.09

⊗ SUBGRADE SLOPES ARE PARALLEL TO TRAVEL LANE.



TYPICAL FINISHED SECTION

CTH P
STA 480+26.88 - STA 577+00.00

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	TYPICAL SECTIONS	SHEET	E

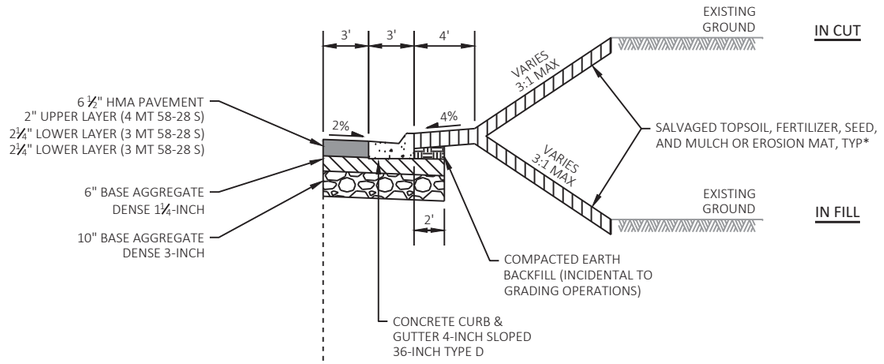
2

NOTES:

Ⓐ SEEDING & FERTILIZER

* SEE MISCELLANEOUS QUANTITIES AND EROSION CONTROL PLANS FOR LOCATIONS AND TYPES.

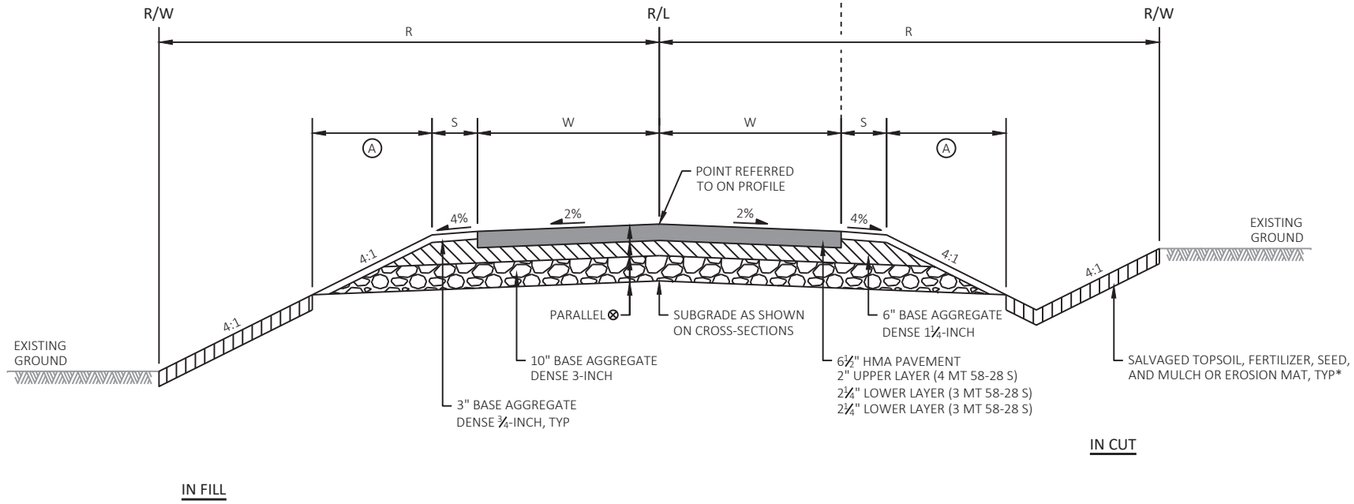
⊗ SUBGRADE SLOPES ARE PARALLEL TO TRAVEL LANE.



CURB & GUTTER SECTION

SHERMAN ROAD
STA 28+15.00 - STA 31+19.00, RT

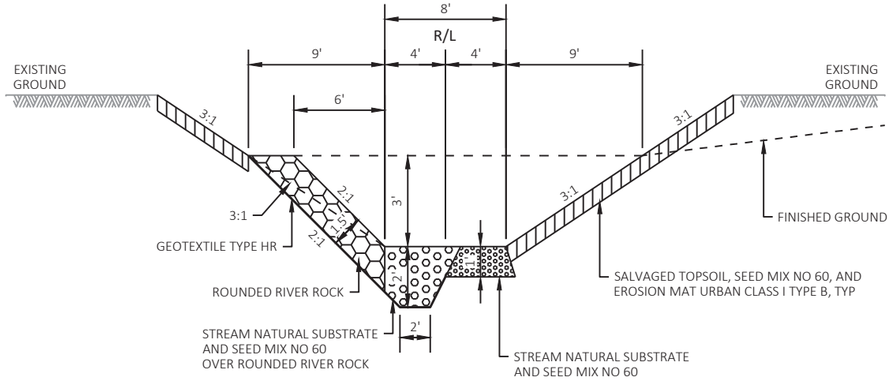
SIDE ROADS - PROPOSED						
STREET	LEFT SIDE			RIGHT SIDE		
	ROW (R)	SHOULDER (S)	OVERALL WIDTH (W)	OVERALL WIDTH (W)	SHOULDER (S)	ROW (R)
PRIVATE ROAD	N/A	3'	VARIES 12'-15'	VARIES 12'-15'	3'	N/A
WESTERN AVENUE (WEST)	33'	VARIES 3'-4'	VARIES 13'-15'	VARIES 9.5'-15'	3'	33'
WESTERN AVENUE (EAST)	33'	VARIES 3'-4'	VARIES 12'-15'	VARIES 12'-15'	3'	33'
SHERMAN ROAD (WEST)	33'	3'	VARIES 9.5'-15'	15'	CURB & GUTTER	33'
SHERMAN ROAD (EAST)	33'	3'	VARIES 9.5'-15'	VARIES 13.5'-15'	3'	33'



TYPICAL FINISHED SECTION

SIDE ROADS

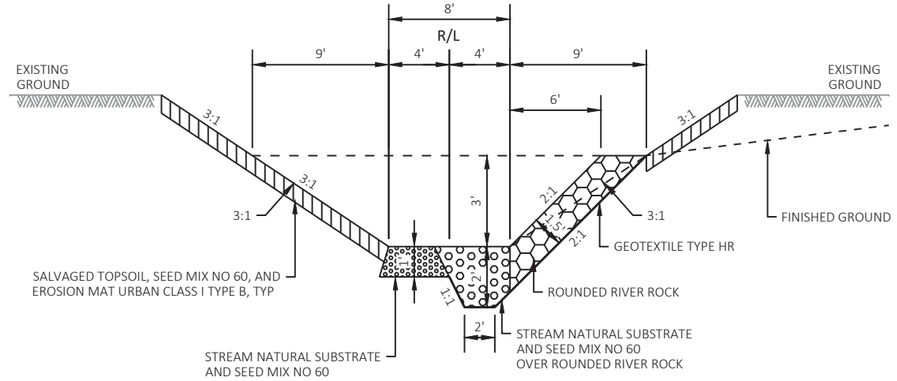
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	TYPICAL SECTIONS	SHEET	E



TYPICAL FINISHED SECTION

POLK SPRING CREEK STREAM RELOCATION

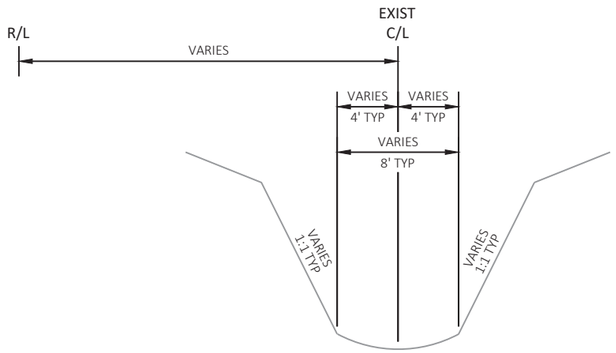
STA 92+27.23 - STA 92+94.51



TYPICAL FINISHED SECTION

POLK SPRING CREEK STREAM RELOCATION

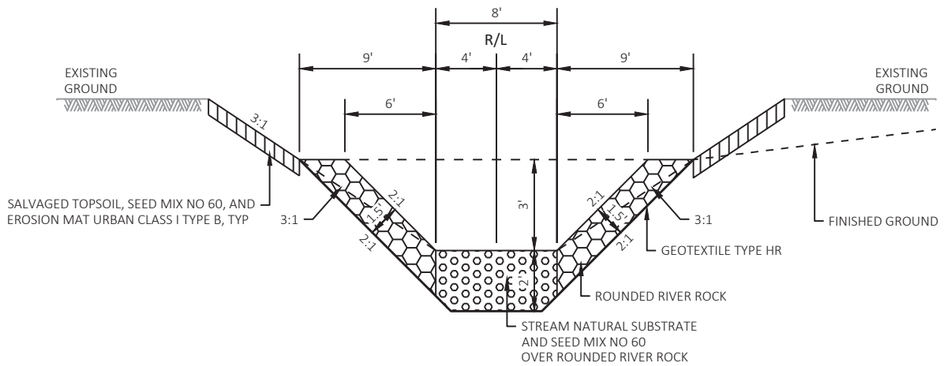
STA 92+27.23 - STA 92+94.51



TYPICAL EXISTING SECTION

POLK SPRING CREEK STREAM RELOCATION

STA 90+22.00 - STA 95+47.00

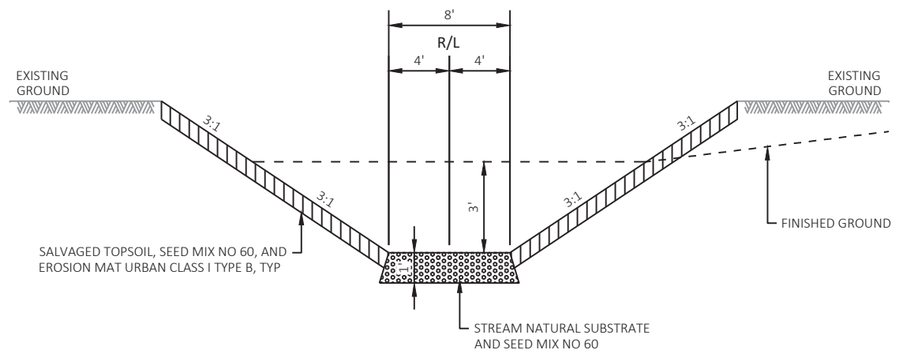


TYPICAL FINISHED SECTION

POLK SPRING CREEK STREAM RELOCATION

STA 90+22.00 - STA 90+57.12

STA 94+94.39 - STA 95+47.00



TYPICAL FINISHED SECTION

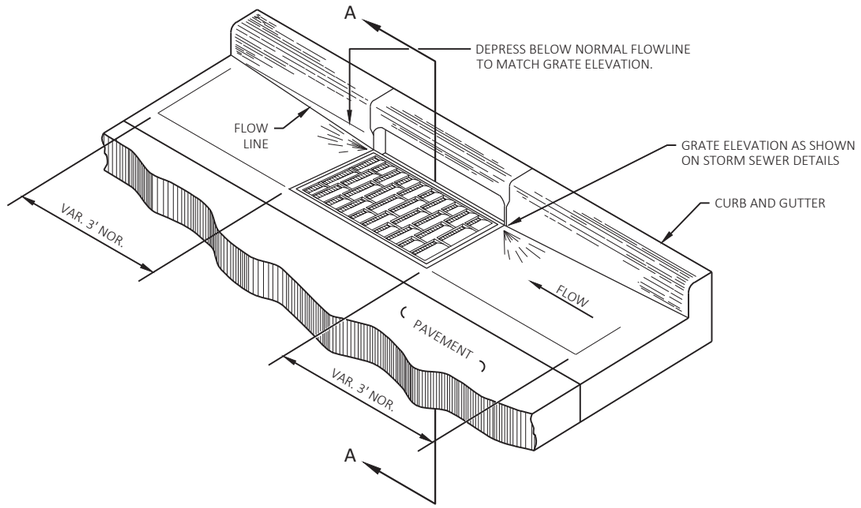
POLK SPRING CREEK STREAM RELOCATION

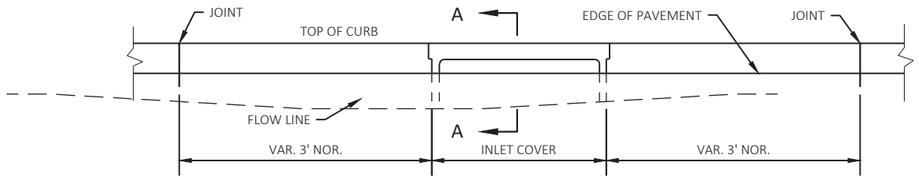
STA 90+57.12 - STA 91+59.95

STA 92+94.51 - STA 93+82.19

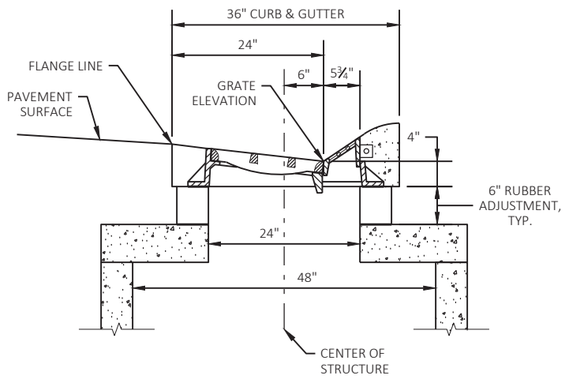
STA 94+31.39 - STA 94+94.39

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	TYPICAL SECTIONS	SHEET	E



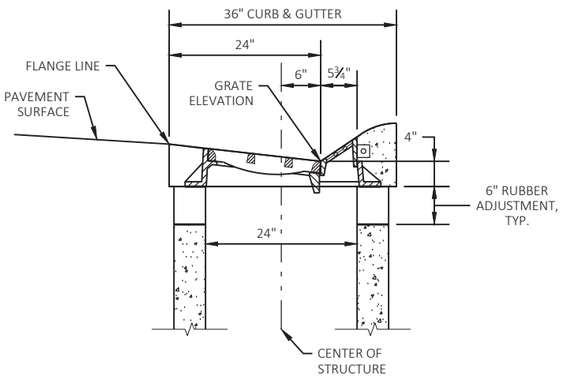


ELEVATION



(INLETS 4-HM & 4-HM-S)

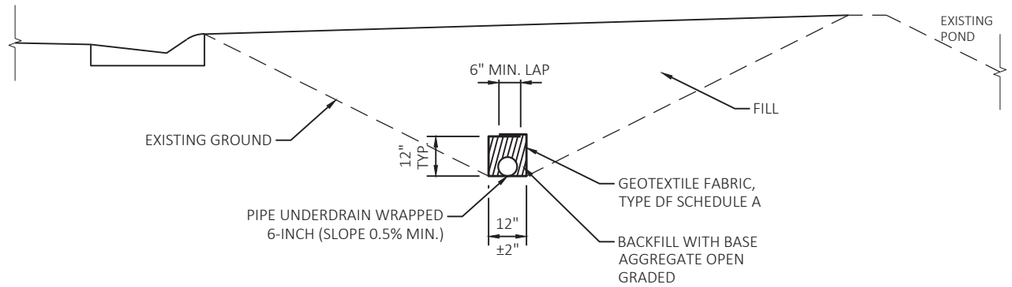
SECTION A-A



(INLETS 2'X3'-HM & 2'X3'-HM-S)

SECTION A-A

CURB AND GUTTER DETAIL AT INLETS



PIPE UNDERDRAIN DETAIL

NOTES:

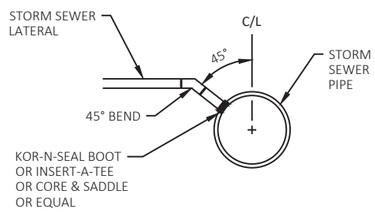
STORM SEWER LATERALS SHALL BE INSTALLED WITH 4-FEET OF DESIRABLE COVER AND 3-FEET OF MINIMUM COVER.

STORM SEWER LATERALS WHEN CONNECTED DIRECTLY TO THE STORM SEWER PIPE SHALL BE AT AN ELEVATION NO LOWER THAN THE SPRING LINE.

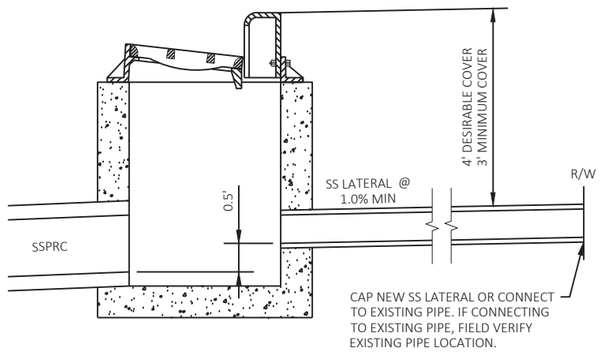
STORM SEWER LATERAL DEPTHS SHALL BE ADJUSTED TO AVOID UTILITY CONFLICTS.

STORM SEWER LATERALS SHALL BE CAPPED AT A POINT BEYOND THE RIGHT-OF-WAY LINE OR SHALL BE CONNECTED TO AN EXISTING PIPE.

STORM SEWER LATERAL LOCATIONS SHALL BE VERIFIED BY THE ENGINEER IN THE FIELD.



STORM SEWER PIPE CONNECTION

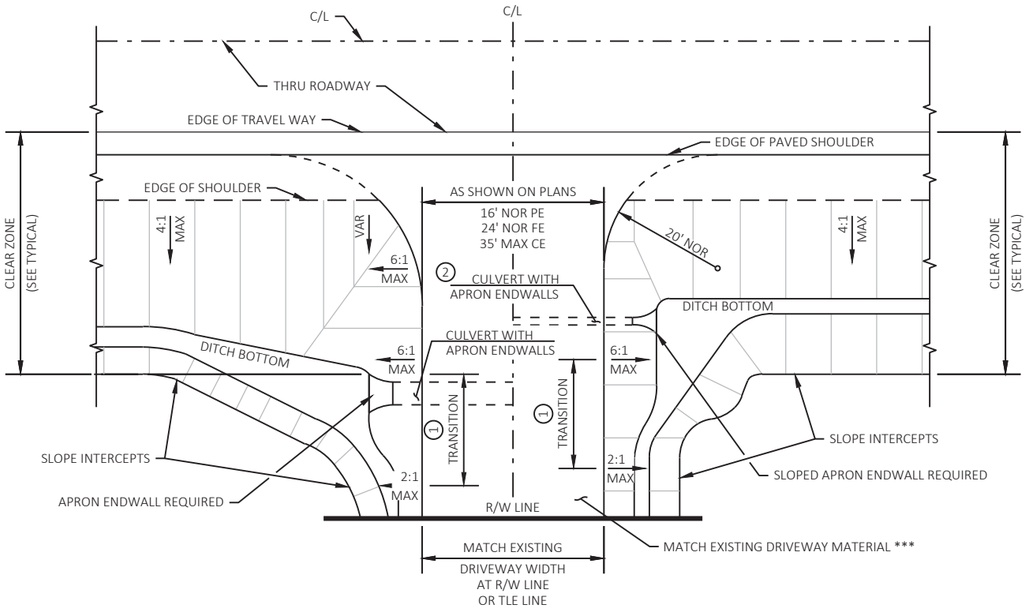


INLET CONNECTION

STORM SEWER LATERAL CONNECTION

(INCIDENTAL TO STORM LATERAL BID ITEM)

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CONSTRUCTION DETAILS	SHEET	E

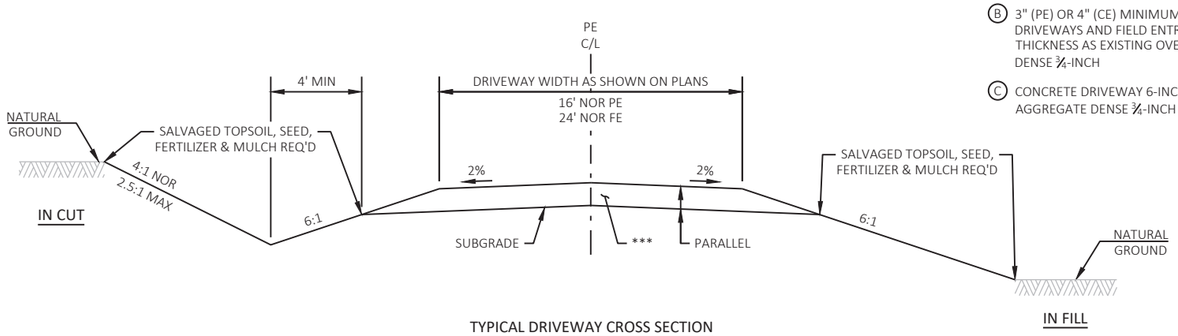


1. TRANSITION TO BE ACCOMPLISHED WITHIN THE RIGHT OF WAY
2. BLEND 6 : 1 SLOPES TO MATCH APRON ENDWALLS

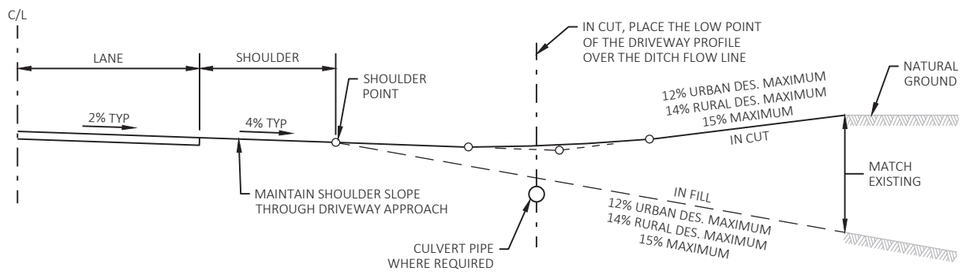
FOR CULVERTS OUTSIDE CLEAR ZONE

FOR CULVERTS WITHIN CLEAR ZONE

RURAL DRIVEWAY PLAN VIEW



TYPICAL DRIVEWAY CROSS SECTION



TYPICAL DRIVEWAY PROFILE

RURAL ENTRANCE DETAIL

*** (A) 6" BASE AGGREGATE DENSE ¾-INCH

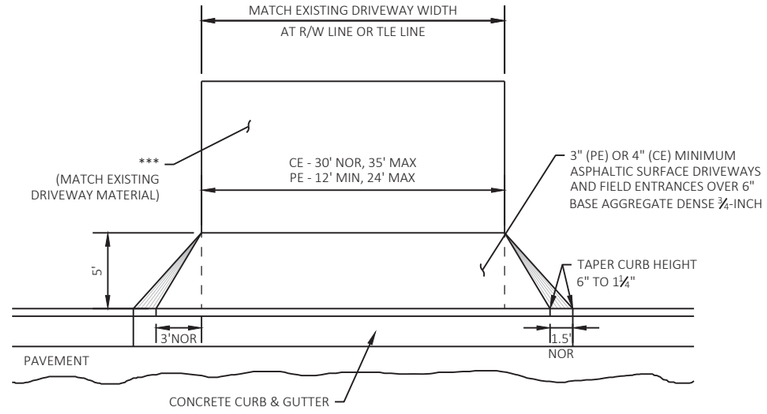
(B) 3" (PE) OR 4" (CE) MINIMUM ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OR SAME THICKNESS AS EXISTING OVER 6" BASE AGGREGATE DENSE ¾-INCH

(C) CONCRETE DRIVEWAY 6-INCH OVER 6" BASE AGGREGATE DENSE ¾-INCH

*** 6" BASE AGGREGATE DENSE ¾-INCH

3" (PE) OR 4" (CE) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES OR SAME THICKNESS AS EXISTING OVER 6" BASE AGGREGATE DENSE 1¼-INCH

CONCRETE DRIVEWAY 6-INCH OVER 6" BASE AGGREGATE DENSE 1¼-INCH

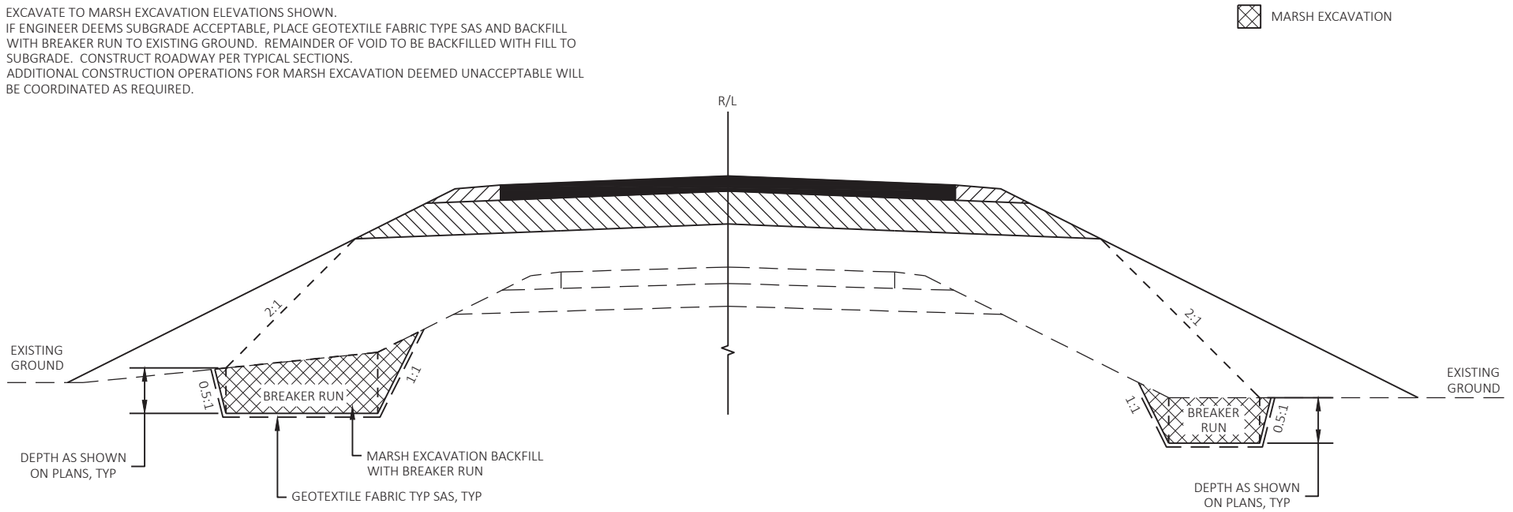


RURAL ENTRANCE DETAIL WITH CURB & GUTTER

2

SCHEDULE OF PARTIAL MARSH EXCAVATION CONSTRUCTION OPERATIONS:

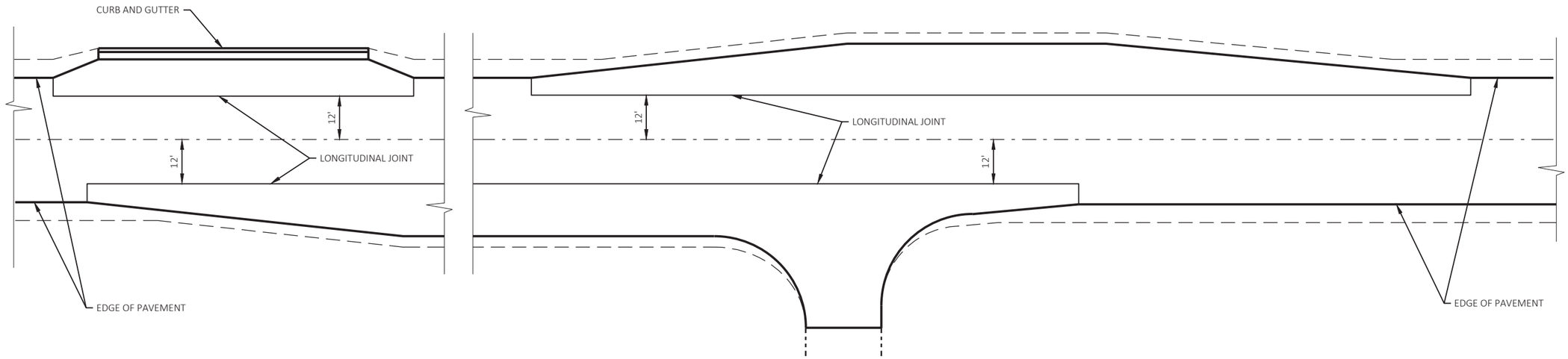
1. EXCAVATE TO MARSH EXCAVATION ELEVATIONS SHOWN.
2. IF ENGINEER DEEMS SUBGRADE ACCEPTABLE, PLACE GEOTEXTILE FABRIC TYPE SAS AND BACKFILL WITH BREAKER RUN TO EXISTING GROUND. REMAINDER OF VOID TO BE BACKFILLED WITH FILL TO SUBGRADE. CONSTRUCT ROADWAY PER TYPICAL SECTIONS. ADDITIONAL CONSTRUCTION OPERATIONS FOR MARSH EXCAVATION DEEMED UNACCEPTABLE WILL BE COORDINATED AS REQUIRED.



PARTIAL MARSH EXCAVATION DETAIL

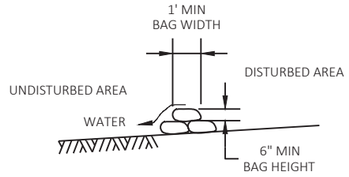
STA 501+00 - STA 503+25 LT
STA 533+50 - STA 534+75 RT
STA 545+50 - STA 546+25 RT
STA 564+75 - STA 566+25 LT
STA 566+00 - STA 566+25 RT

* TO BE USED AT ALL INTERSECTIONS, BYPASS LANES, PASSING LANES, AND RURAL CURB SECTIONS

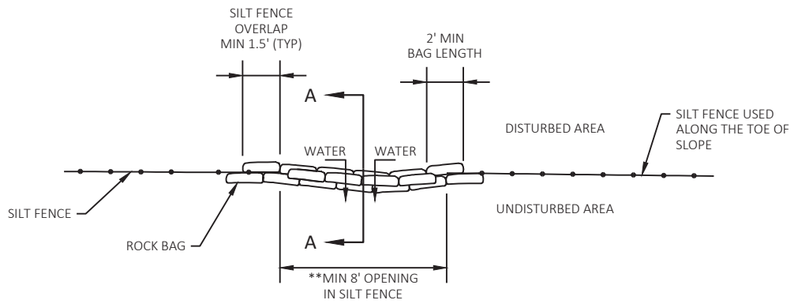


HMA LONGITUDINAL JOINT DETAIL

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CONSTRUCTION DETAILS	SHEET	E



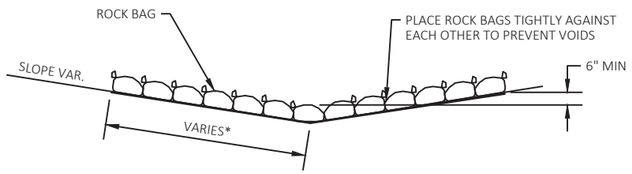
SECTION A-A



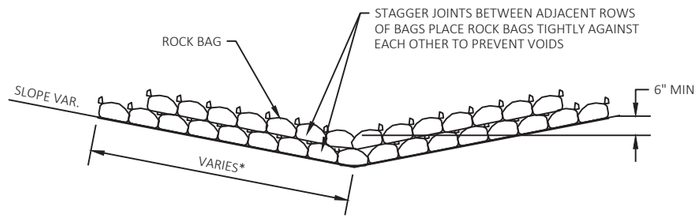
** 17 ROCK BAGS MINIMUM PER 8' OPENING.

PLAN VIEW

ROCK BAGS USED FOR SILT FENCE RELIEF POINT



SIDE VIEW (SINGLE LAYER)

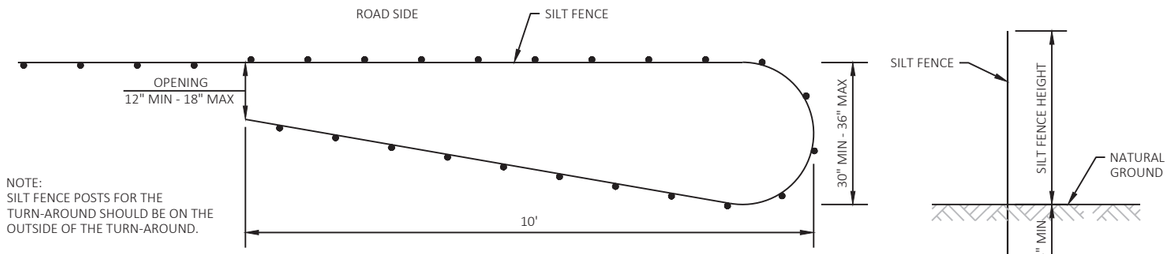


* LENGTH AND NUMBER OF BAGS MAY VARY DEPENDING
ON DESIRED DEPTH OF WATER POOL

SIDE VIEW (MULTIPLE LAYER)

ROCK BAGS USED FOR DITCH CHECKS

ROCK BAGS DETAIL

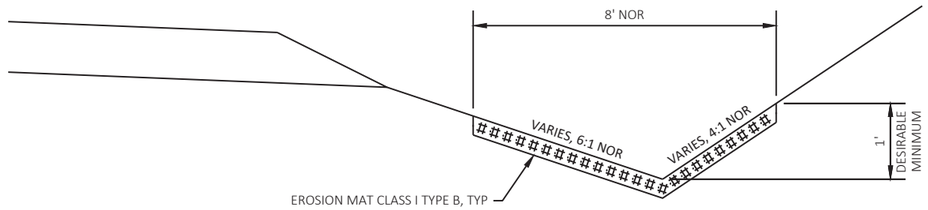


NOTE:
SILT FENCE POSTS FOR THE
TURN-AROUND SHOULD BE ON THE
OUTSIDE OF THE TURN-AROUND.

PLAN VIEW

SIDE VIEW

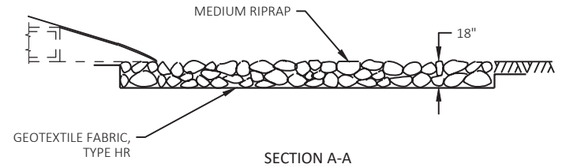
SILT FENCE TURN-AROUND DETAIL



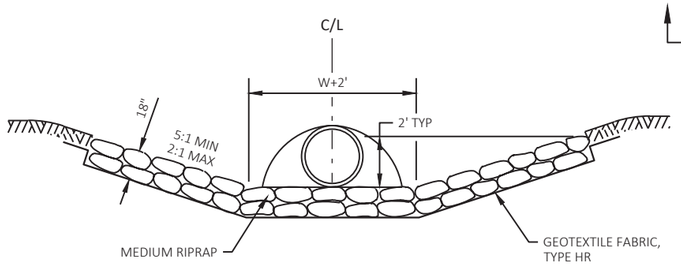
EROSION MAT DETAIL FOR DITCHES

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CONSTRUCTION DETAILS	SHEET	E

2

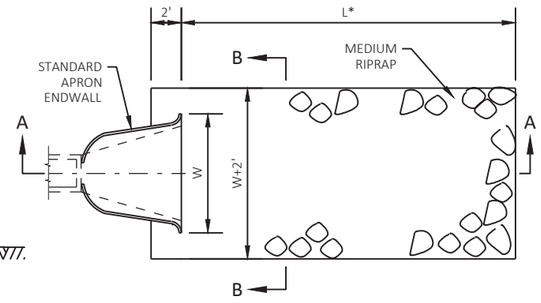


SECTION A-A



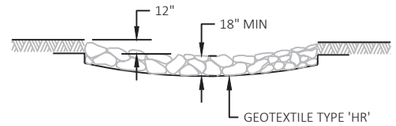
SECTION B-B

* L = 3 TIMES DIAMETER (NOR) OR 10' MINIMUM OR AS DIRECTED BY THE ENGINEER

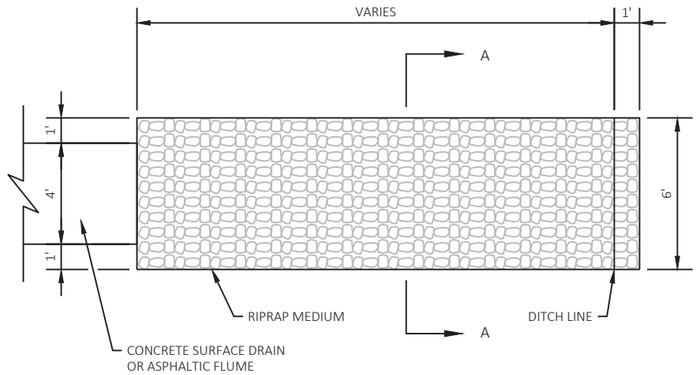


PLAN VIEW

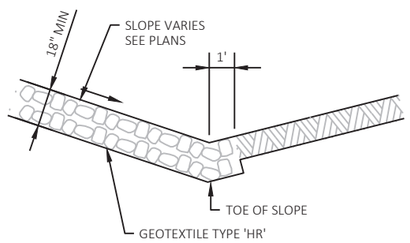
MEDIUM RIPRAP AND GEOTEXTILE FABRIC
DETAIL AT APRON ENDWALLS



SECTION A-A



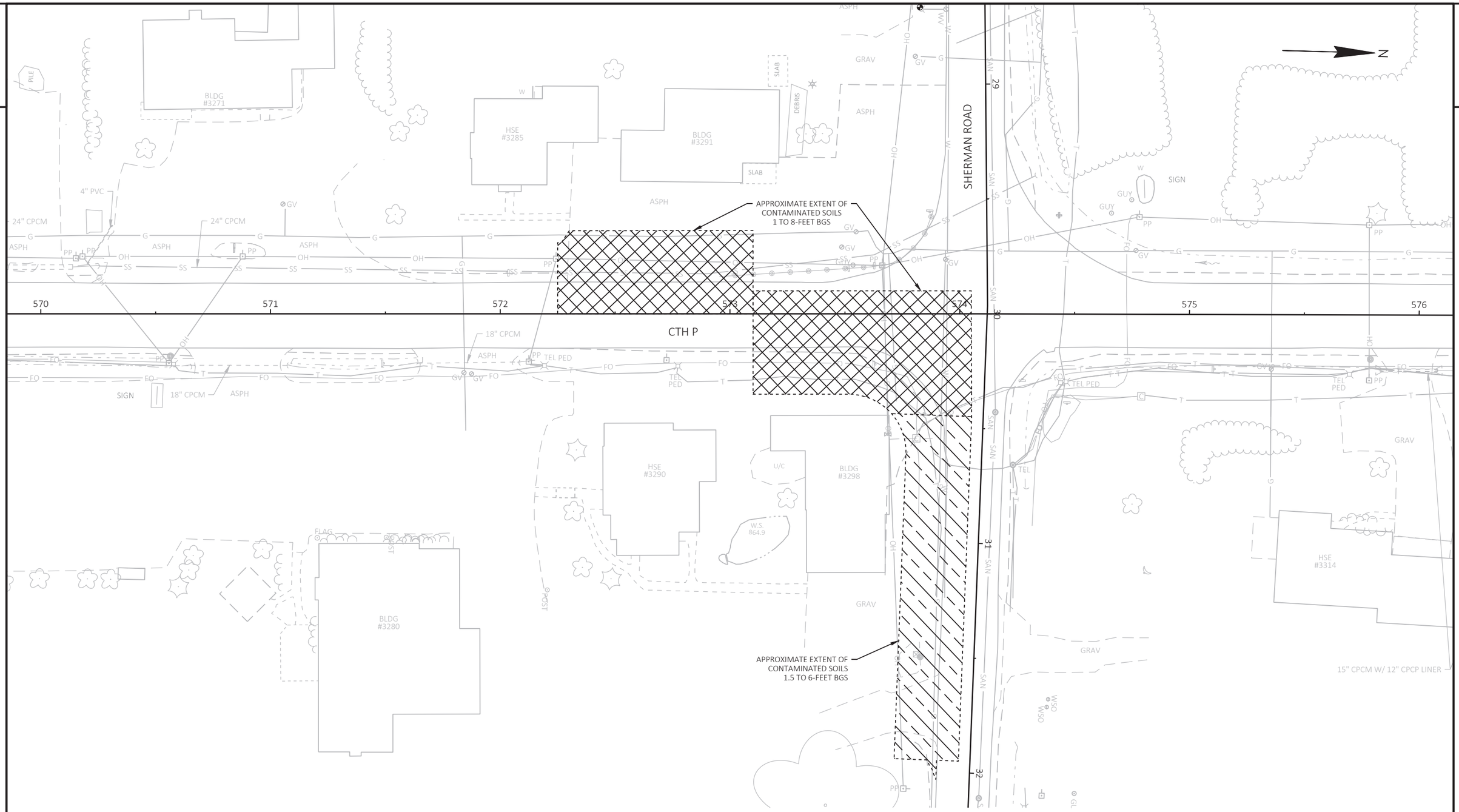
PLAN VIEW



SIDE VIEW

MEDIUM RIPRAP AND GEOTEXTILE DETAIL AT FLUME

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CONSTRUCTION DETAILS	SHEET	E



CONTAMINATED SOIL SITE LOCATION

STATION 572+25 - STATION 573+10, LT (DAVE'S AUTO REPAIR / FORMER OLLINGER'S GARAGE, INC. 3291 CTY HWY P)
STATION 573+10 - STATION 574+05, RT (ALLAN & LORI BAUMGARTNER / FORMER GASOLINE/AUTO SERVICE STATION 3298 CTY HWY P)
STATION 30+45 - STATION 31+95, RT (ALLAN & LORI BAUMGARTNER / FORMER GASOLINE/AUTO SERVICE STATION 3298 CTY HWY P)

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021002-CD.DWG
LAYOUT NAME - Sheet-01
PLOT DATE : 10/31/2023 6:57 AM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

STH 145

EXIST R/W

HSE #2595

GRAV

BARN

EXIST R/W

480+28.70
39.74' LT

CONNECT TO EXISTING CURB & GUTTER WITH DRILLED TIE BARS

CONCRETE CURB & GUTTER 30-INCH TYPE D

MATCH EXISTING CONCRETE PAVEMENT

(936.72) 937.29 937.96 938.62 939.38 940.13 940.88 941.63 942.38

ASPHALTIC SURFACE FOR DWY (PE)

482+25.00
20.11' LT

482+34.95
19.11' LT

482+56.09
17.00' LT

GRAVEL (FE)

3'

17'

2.0%

1.6%

2.0%

479 480 481 482 483 484

MATCH EXISTING CONCRETE PAVEMENT

2.0% 2.0%

4 MT 58-28 H (UPPER LAYER)

4 MT 58-28 S (UPPER LAYER)

17'

3'

2.0%

CTH P

MATCH LINE STA 484+50

EXIST R/W

EXIST R/W

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

ALL STATION AND OFFSETS ARE TO THE FLANGE OF CURB OR EDGE OF ASPHALT.

PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/31/2023 6:57 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

EXIST R/W

GRAVEL (FE)

MATCH LINE STA 484+50

485 486 487 488 489 490

MATCH LINE STA 490+50

2.0% 2.0%

CTH P

3' 17' 17' 3'

ASPHALTIC SURFACE FOR DWY (PE)

EXIST R/W

HSE #2660

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

ALL STATION AND OFFSETS ARE TO THE FLANGE OF CURB OR EDGE OF ASPHALT.

PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-02

PLOT DATE : 10/31/2023 6:57 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

BLDG #2697

ASPH

EXIST R/W

ASPHALTIC SURFACE FOR DWY (CE)

T 10 N R 19 E | 36 | 31 | T 10 N R 20 E

EXIST R/W

MATCH LINE STA 490+50

491 492 493 494 495 496

2.0% 2.0%

CTH P

3' 17' 17' 3'

MATCH LINE STA 496+50

GRAVEL (FE)

ASPHALTIC SURFACE FOR DWY (PE)

ASPHALTIC SURFACE FOR DWY (PE)

GRAVEL (PE)

EXIST R/W

ASPH ASPH GRAV

EXIST R/W

HSE #2698

HSE #2688

HSE #2692

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

ALL STATION AND OFFSETS ARE TO THE FLANGE OF CURB OR EDGE OF ASPHALT.

PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

2

2

N

GARAGE

HSE
#2723

ASPHALTIC SURFACE FOR DWY (PE)

EXIST R/W

EXIST TLE

MATCH LINE STA 496+50

497

498

2.0%

499

CTH P

2.0%

3'

17'

17'

3'

500

501

502

MATCH LINE STA 502+00

EXIST R/W

GRAVEL (FE)

HSE
#2706

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

ALL STATION AND OFFSETS ARE TO THE FLANGE OF CURB OR EDGE OF ASPHALT.

PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-04

PLOT DATE : 10/31/2023 6:58 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

PRIVATE ROAD

TLE

8+50.00
12.00' RT

8+56.00
12.00' RT

(941.46)

8+50.00
12.00' LT

8+56.00
12.00' LT

CULVERT PIPES
INSTALLED BY
OTHERS

EXIST TLE

ASPHALT
FLUME

RADIUS POINT
STA 505+60.50; 64.00' LT

STA 9+36.00; 55.00' RT
Y=475896.530
X=2484133.836

ASPHALT
FLUME

RADIUS POINT
STA 506+90.50; 84.00' LT

STA 9+16.00; 75.00' LT
Y=476026.123
X=2484111.347

9+16.00
15.00' LT

15'

CONCRETE CURB &
GUTTER 4-INCH SLOPED
36-INCH TYPE D

9+36.00
15.00' RT

15'

CONCRETE CURB &
GUTTER 4-INCH SLOPED
36-INCH TYPE D

941.31

941.25

941.30

941.00

940.98

941.21

941.00

940.99

940.96

940.78

504+80.50
17.00' LT

EXIST R/W

ASPHALT FLUME

505+60.50
24.00' LT

R40'

HP
941.07

506+47.67
41.98' LT

HP
941.14

R60'

506+90.50
24.00' LT

ASPHALT FLUME

507+95.50
17.00' LT

MATCH LINE STA 502+00

MATCH LINE STA 508+00

502 503 504 505 506 507 508

3'

17'

2.0%

24'

2.0%

2.0%

24'

2.0%

CTH P

STA 506+15.50
=STA 10+00.00

10

29'

3'

502+48.30
17.00' RT

EXIST R/W

504+65.30
29.00' RT

GRAVEL (FE)

507+15.30
29.00' RT

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

ALL STATION AND OFFSETS ARE TO THE FLANGE OF CURB OR EDGE OF ASPHALT.

PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-05

PLOT DATE : 10/31/2023 6:58 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

EXIST R/W

3'

17'

2.0%

MATCH LINE STA 508+00

508

509

510

511

512

513

MATCH LINE STA 513+50

2.0%

CTH P

3'

510+40.30
17.00' RT

EXIST R/W

EXIST TLE

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

ALL STATION AND OFFSETS ARE TO THE FLANGE OF CURB OR EDGE OF ASPHALT.

PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

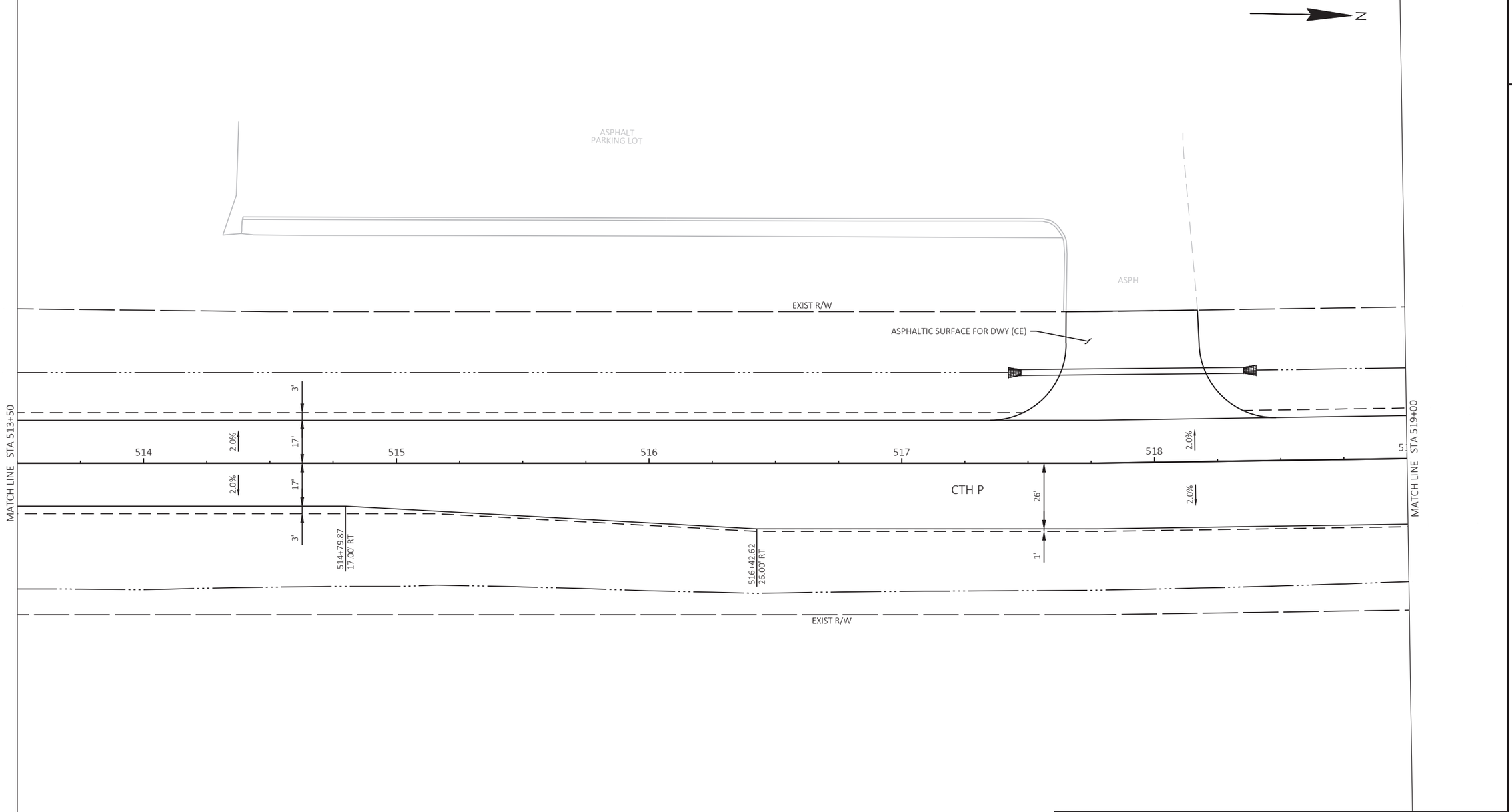
PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-06

PLOT DATE : 10/31/2023 6:58 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

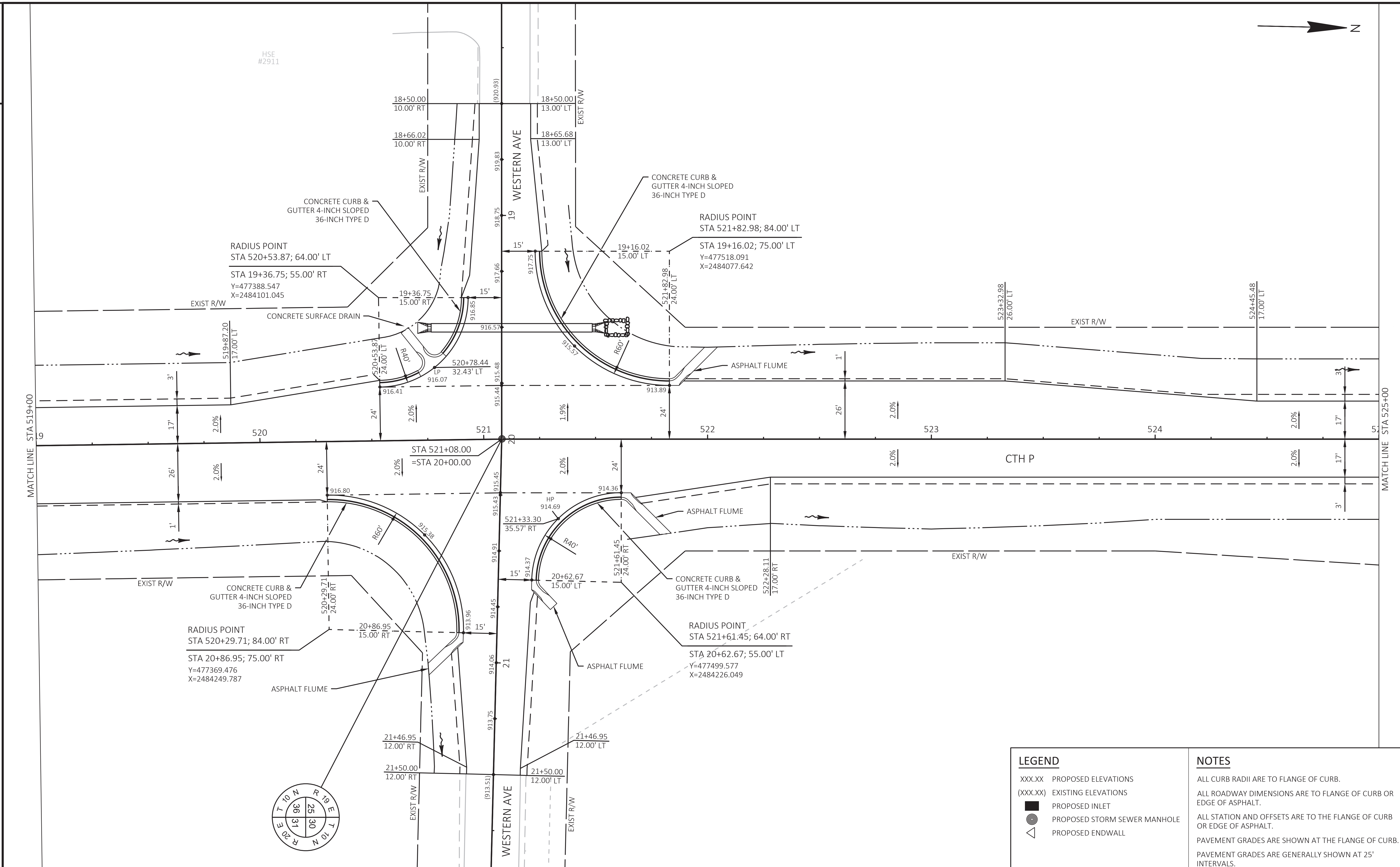
ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

ALL STATION AND OFFSETS ARE TO THE FLANGE OF CURB OR EDGE OF ASPHALT.

PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E


N
HSE
#2911
18+50.00
10.00' RT
18+50.00
13.00' LT
18+66.02
10.00' RT
18+65.68
13.00' LT
EXIST R/W
(920.93)
919.83
WESTERN AVE
19
918.75
917.66
917.75
916.85
916.57
915.48
915.44
CONCRETE CURB &
GUTTER 4-INCH SLOPED
36-INCH TYPE D
RADIUS POINT
STA 520+53.87; 64.00' LT
STA 19+36.75; 55.00' RT
Y=477388.547
X=2484101.045
19+36.75
15.00' RT
15'
CONCRETE SURFACE DRAIN
519+87.20
17.00' LT
520+53.87
24.00' LT
R40'
LP
916.07
916.41
520+78.44
32.43' LT
RADIUS POINT
STA 521+82.98; 84.00' LT
STA 19+16.02; 75.00' LT
Y=477518.091
X=2484077.642
19+16.02
15.00' LT
521+82.98
24.00' LT
R60'
915.57
913.89
ASPHALT FLUME
523+32.98
26.00' LT
524+45.48
17.00' LT
MATCH LINE STA 519+00
MATCH LINE STA 525+00
3'
17'
2.0%
1.9%
24'
26'
1'
520
521
522
523
524
20
STA 521+08.00
=STA 20+00.00
CTH P
916.80
915.45
915.43
914.91
914.37
914.45
914.06
913.75
(913.51)
913.96
915.38
R60'
HP
914.69
914.36
521+33.30
35.57' RT
R40'
20+62.67
15.00' LT
521+61.45
24.00' RT
522+28.11
17.00' RT
CONCRETE CURB &
GUTTER 4-INCH SLOPED
36-INCH TYPE D
520+29.71
24.00' RT
20+86.95
15.00' RT
RADIUS POINT
STA 520+29.71; 84.00' RT
STA 20+86.95; 75.00' RT
Y=477369.476
X=2484249.787
RADIUS POINT
STA 521+61.45; 64.00' RT
STA 20+62.67; 55.00' LT
Y=477499.577
X=2484226.049
ASPHALT FLUME
21
21+46.95
12.00' RT
21+46.95
12.00' LT
21+50.00
12.00' RT
21+50.00
12.00' LT
T 10 N
R 19 E
R 20 E
T 10 N
36
25
31
30

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

ALL STATION AND OFFSETS ARE TO THE FLANGE OF CURB OR EDGE OF ASPHALT.

PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

2

2

N

MATCH LINE STA 525+00

525 526 527 528 529 530

MATCH LINE STA 530+50

3'

17'

2.0%

2.0%

CTH P

17'

3'

EXIST R/W

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

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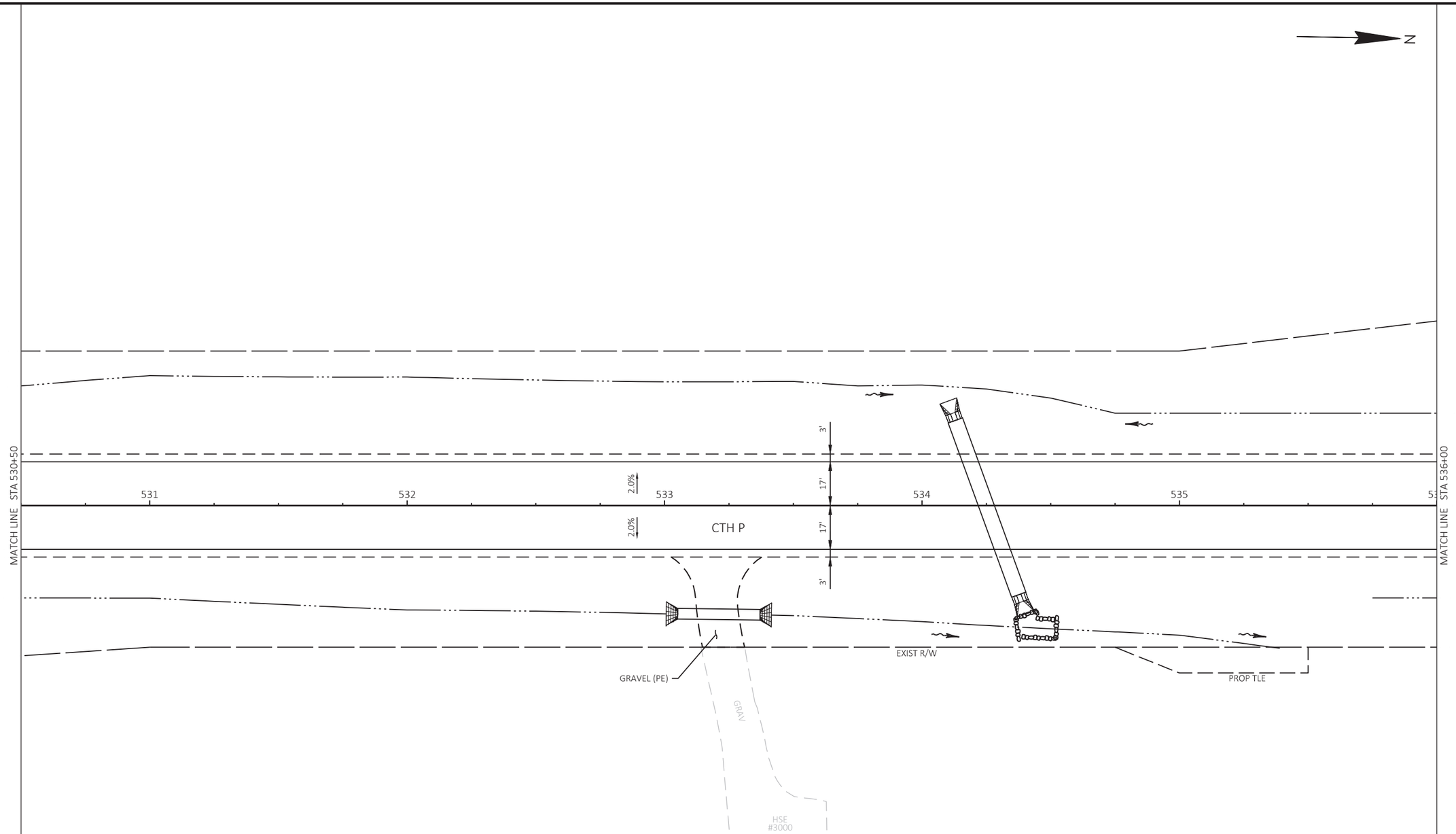
PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-09

PLOT DATE : 10/31/2023 6:58 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

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PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-10
PLOT DATE : 10/31/2023 6:58 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE STA 536+00

MATCH LINE STA 542+00

536 537 538 539 540 541 542

3'

17'

3'

2.0%

2.0%

CTH P

EXIST R/W

BERM

BERM

ASPHALTIC SURFACE FOR DWY (PE)

HSE
#3064

PROP TILE

LEGEND

XXX.XX PROPOSED ELEVATIONS

(XXX.XX) EXISTING ELEVATIONS

PROPOSED INLET

PROPOSED STORM SEWER MANHOLE

PROPOSED ENDWALL

NOTES

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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

2

N

T 10 N R 19 E
25
30
T 10 N R 20 E

GRAVEL (FE)

MATCH LINE STA 542+00

542 543 544 545 546 547 548

MATCH LINE STA 548+00

2.0%
2.0%

CTH P

3'
17'
17'
3'

GRAVEL (FE)

EXIST R/W

EXIST TLE

EXIST TLE

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-12

PLOT DATE : 10/31/2023 6:58 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

EXIST R/W

MATCH LINE STA 548+00

548

549

550

2.0%

551

3'

17'

552

553

554

MATCH LINE STA 554+00

2.0%

CTH P

17'

3'

EXIST R/W

GRAVEL (FE)

EXIST TLE

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-13

PLOT DATE : 10/31/2023 6:58 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

EXIST R/W

MATCH LINE STA 554+00

554

555

556

557

558

559

560

MATCH LINE STA 560+00

2.0%

2.0%

CTH P

3'

17'

17'

3'

EXIST R/W

GRAVEL (FE)

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

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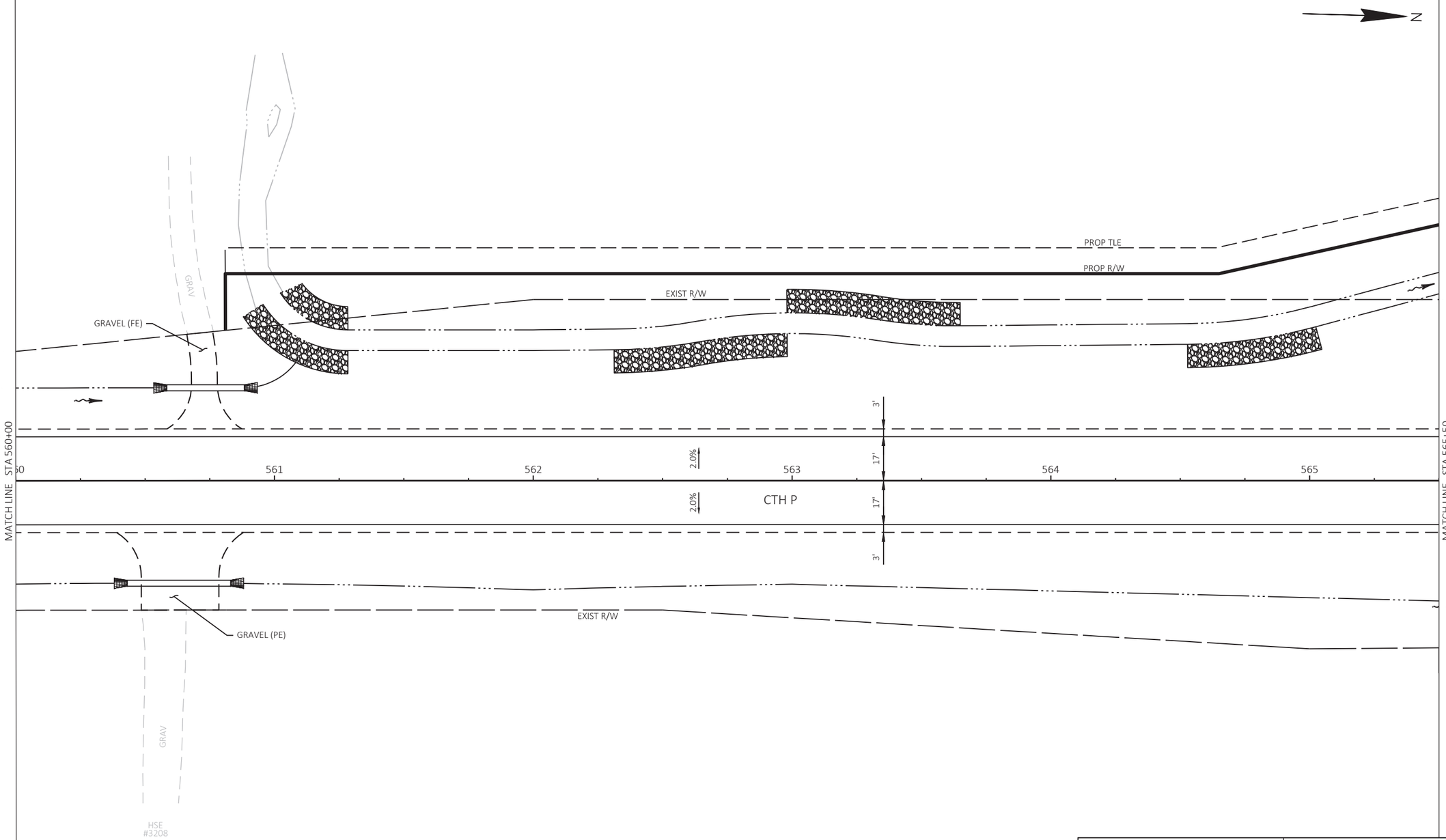
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-14

PLOT DATE : 10/31/2023 6:59 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-15
PLOT DATE : 10/31/2023 6:59 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

PROP TLE
PROP R/W
EXIST R/W
ASPHALT FLUME
GRAVEL (FE)
ASPHALTIC SURFACE FOR DWY (FE)
EXIST TLE
ASPHALTIC SURFACE FOR DWY (CE)
CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
BLDG #3263
BLDG #3271
ASPH

567+40.00 17.00' LT
567+50.00 18.00' LT

MATCH LINE STA 565+50

3'
17'
18'
2.0%

566 567 568 569 570 571

MATCH LINE STA 571+50

859.61 859.70 859.79 859.87 859.97 860.10 860.25 860.43 860.63 860.87 861.12 861.41 861.72 862.06 862.41 862.76 863.09

CTH P

859.23 859.27 859.35 859.44 859.53 859.61 859.70 859.79 859.87 859.97 860.10 860.25 860.43 860.63 860.87 861.12 861.41 861.72 862.06 862.41 862.76 862.99 863.08

566+30.00 17.00' RT
566+40.00 18.00' RT
571+41.96 18.00' RT

ASPHALTIC SURFACE FOR DWY (FE)
GRAVEL (FE)
FE
EXIST R/W
EXIST TLE
CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D
ASPHALT PARKING LOT
ASPHALTIC SURFACE FOR DWY (CE)
ASPHALT FLUME
EXIST R/W
PROP TLE

LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

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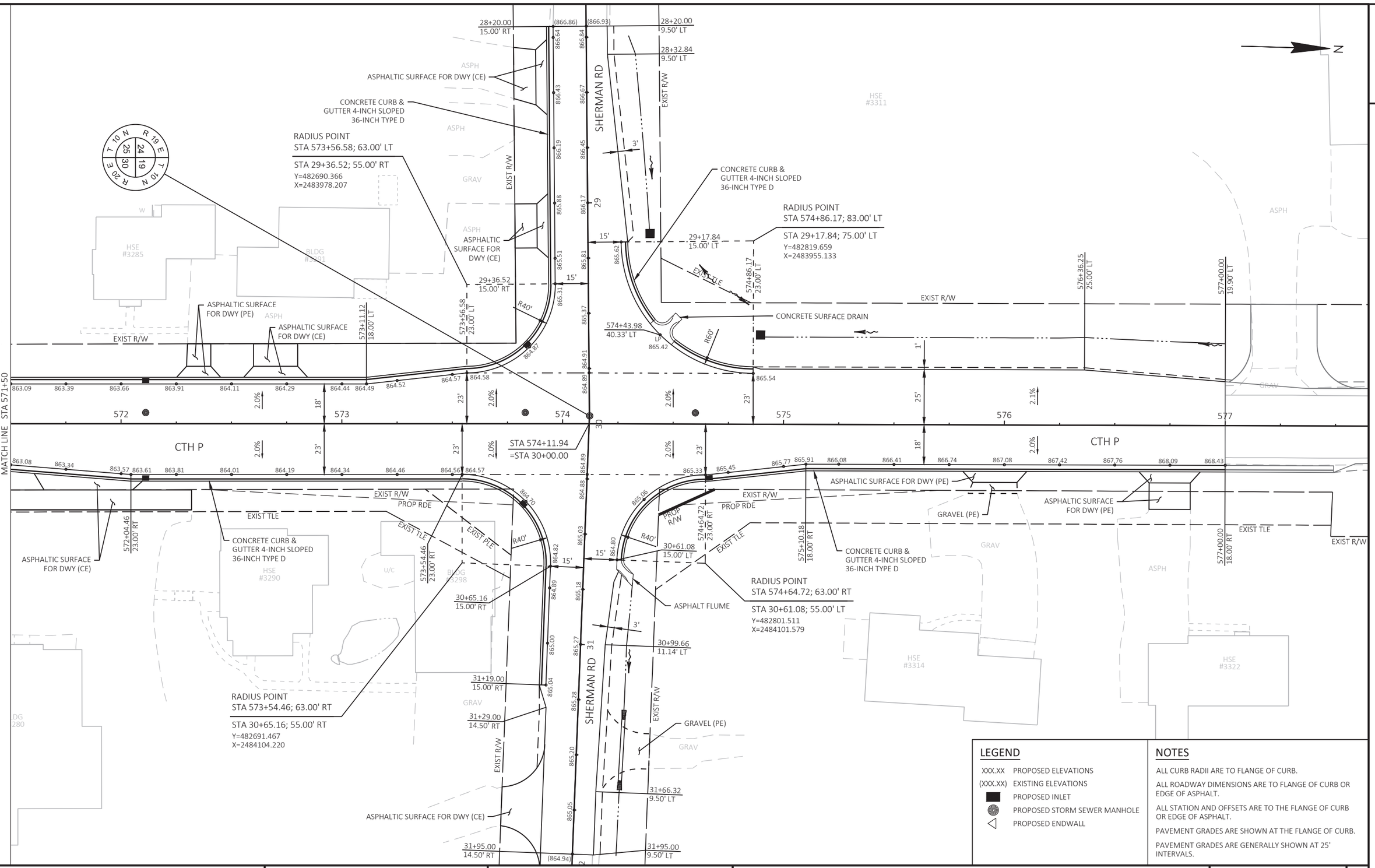
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-16
PLOT DATE : 10/31/2023 6:59 AM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2



LEGEND

XXX.XX	PROPOSED ELEVATIONS
(XXX.XX)	EXISTING ELEVATIONS
■	PROPOSED INLET
◎	PROPOSED STORM SEWER MANHOLE
◁	PROPOSED ENDWALL

NOTES

ALL CURB RADII ARE TO FLANGE OF CURB.

ALL ROADWAY DIMENSIONS ARE TO FLANGE OF CURB OR EDGE OF ASPHALT.

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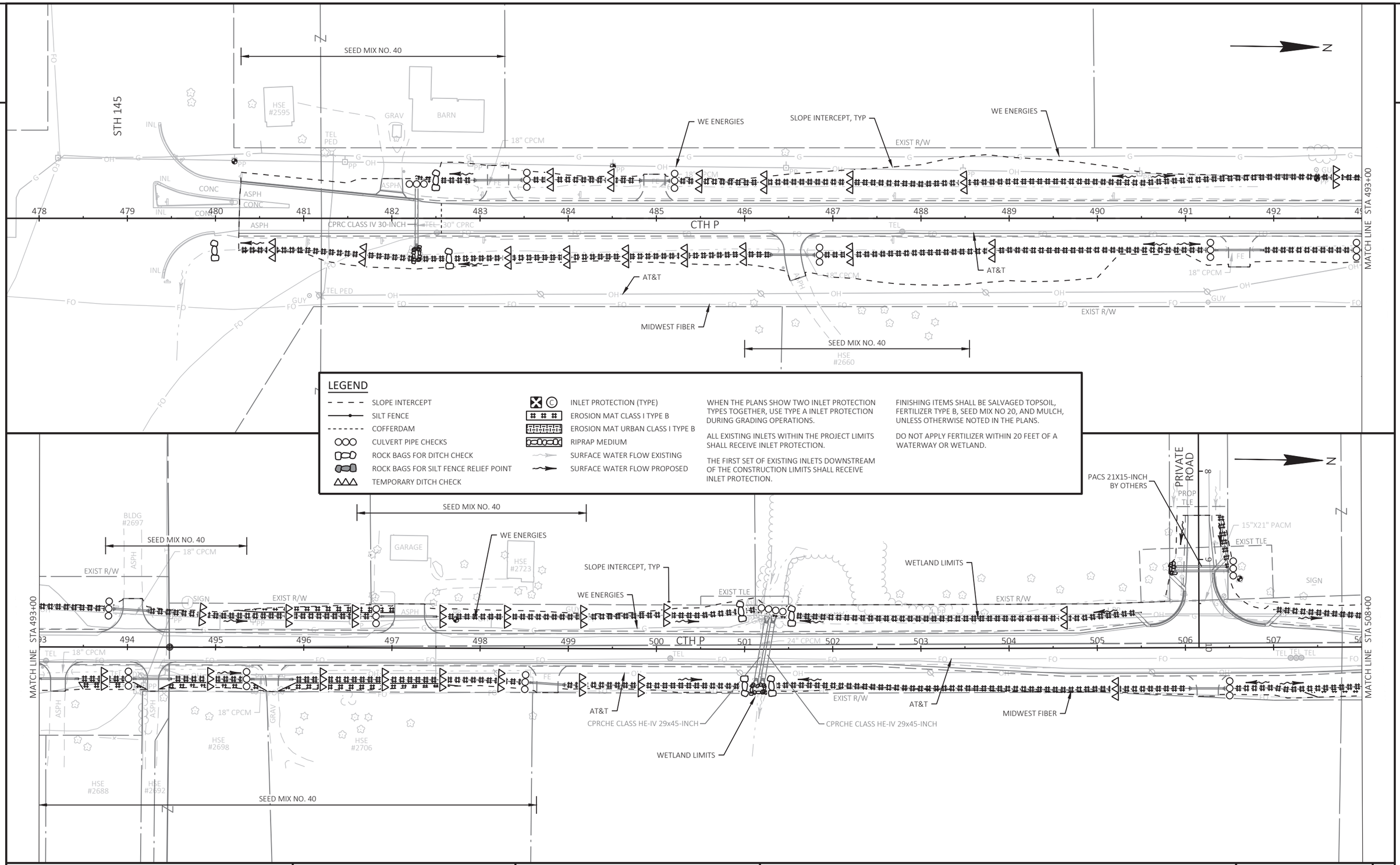
PAVEMENT GRADES ARE SHOWN AT THE FLANGE OF CURB.

PAVEMENT GRADES ARE GENERALLY SHOWN AT 25' INTERVALS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN DETAILS	SHEET	E

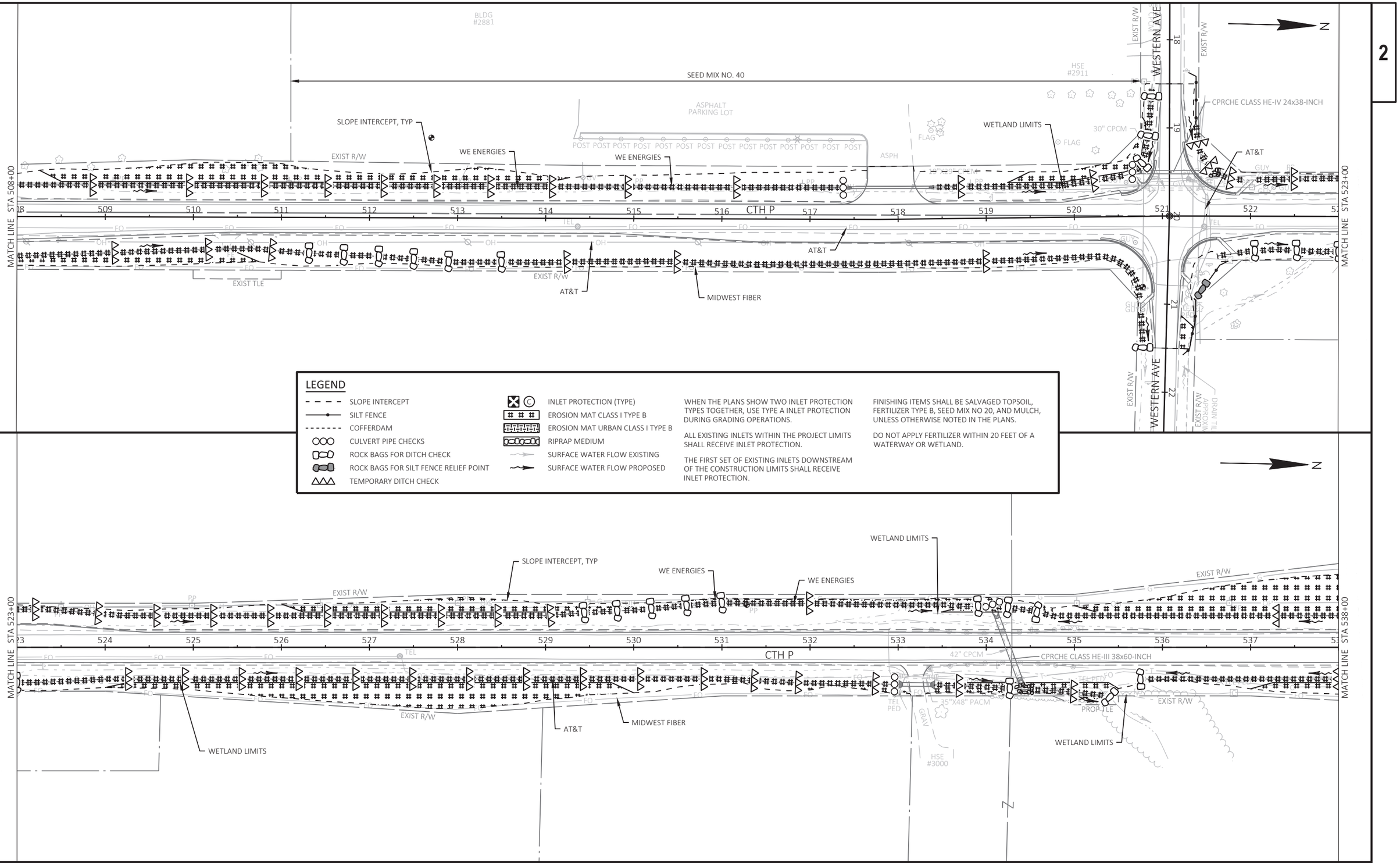
FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-021201-PD.DWG
LAYOUT NAME - Sheet-17
PLOT DATE : 10/31/2023 6:59 AM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	EROSION CONTROL PLAN	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-022001-EC.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/31/2023 7:00 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT



LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- COFFERDAM
- CULVERT PIPE CHECKS
- ROCK BAGS FOR DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- INLET PROTECTION (TYPE)
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- RIPRAP MEDIUM
- SURFACE WATER FLOW EXISTING
- SURFACE WATER FLOW PROPOSED

WHEN THE PLANS SHOW TWO INLET PROTECTION TYPES TOGETHER, USE TYPE A INLET PROTECTION DURING GRADING OPERATIONS.

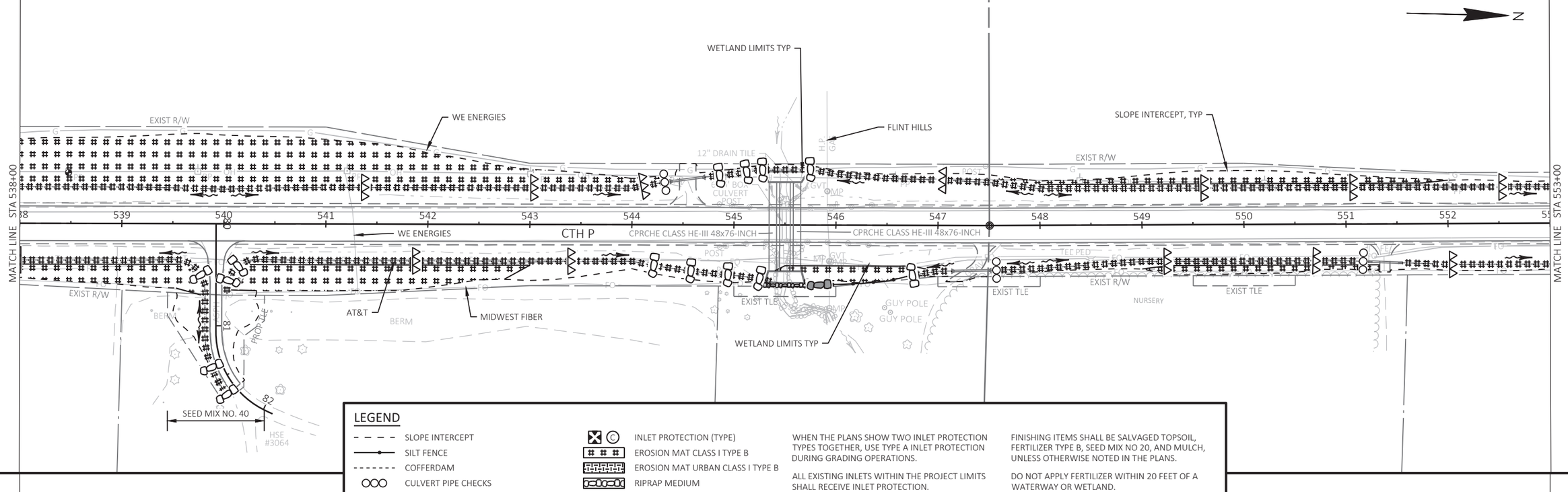
ALL EXISTING INLETS WITHIN THE PROJECT LIMITS SHALL RECEIVE INLET PROTECTION.

THE FIRST SET OF EXISTING INLETS DOWNSTREAM OF THE CONSTRUCTION LIMITS SHALL RECEIVE INLET PROTECTION.

FINISHING ITEMS SHALL BE SALVAGED TOPSOIL, FERTILIZER TYPE B, SEED MIX NO 20, AND MULCH, UNLESS OTHERWISE NOTED IN THE PLANS.

DO NOT APPLY FERTILIZER WITHIN 20 FEET OF A WATERWAY OR WETLAND.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	EROSION CONTROL PLAN	SHEET E



LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- COFFERDAM
- CULVERT PIPE CHECKS
- ROCK BAGS FOR DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- INLET PROTECTION (TYPE)
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- RIPRAP MEDIUM
- SURFACE WATER FLOW EXISTING
- SURFACE WATER FLOW PROPOSED

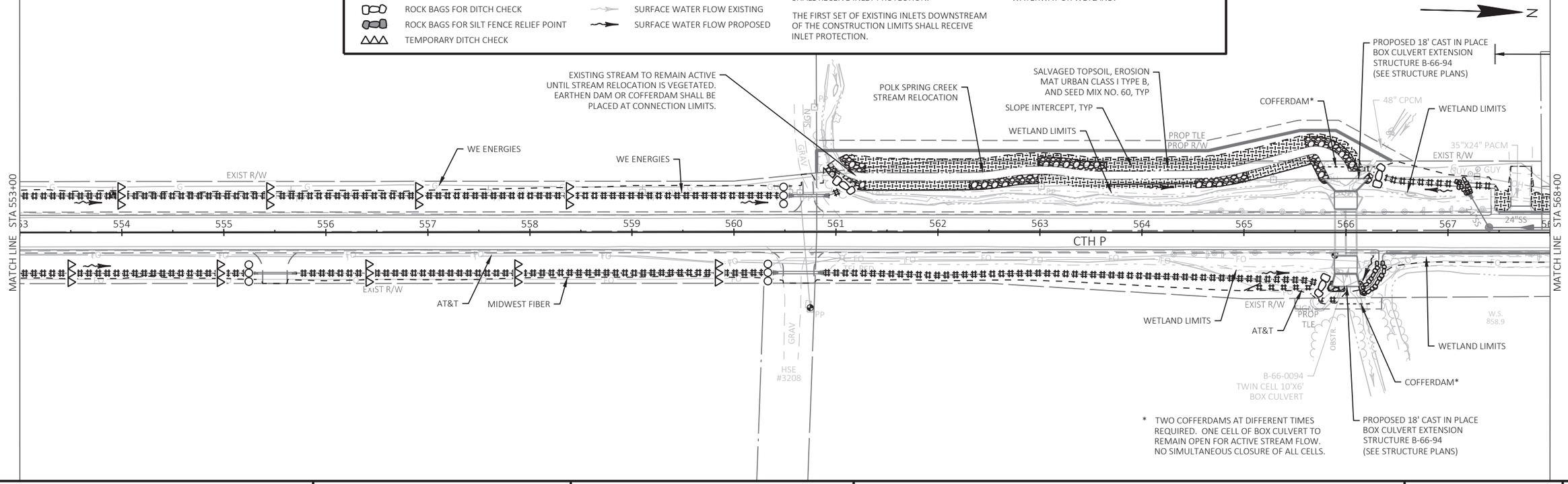
WHEN THE PLANS SHOW TWO INLET PROTECTION TYPES TOGETHER, USE TYPE A INLET PROTECTION DURING GRADING OPERATIONS.

ALL EXISTING INLETS WITHIN THE PROJECT LIMITS SHALL RECEIVE INLET PROTECTION.

THE FIRST SET OF EXISTING INLETS DOWNSTREAM OF THE CONSTRUCTION LIMITS SHALL RECEIVE INLET PROTECTION.

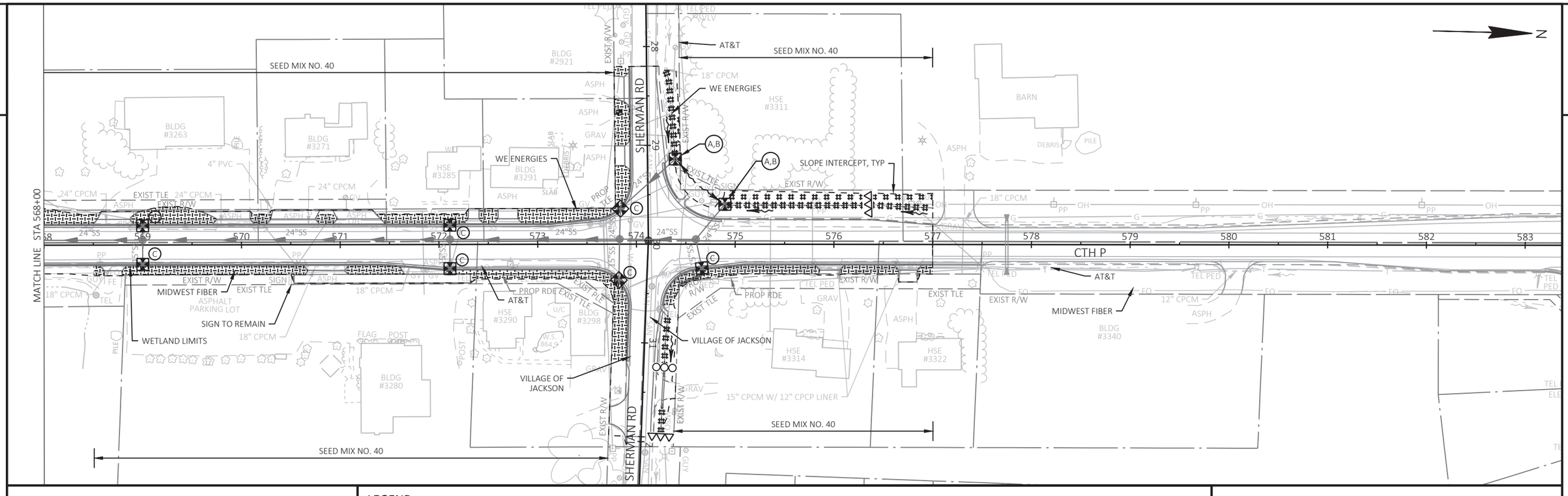
FINISHING ITEMS SHALL BE SALVAGED TOPSOIL, FERTILIZER TYPE B, SEED MIX NO 20, AND MULCH, UNLESS OTHERWISE NOTED IN THE PLANS.

DO NOT APPLY FERTILIZER WITHIN 20 FEET OF A WATERWAY OR WETLAND.



* TWO COFFERDAMS AT DIFFERENT TIMES REQUIRED. ONE CELL OF BOX CULVERT TO REMAIN OPEN FOR ACTIVE STREAM FLOW. NO SIMULTANEOUS CLOSURE OF ALL CELLS.

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	EROSION CONTROL PLAN	SHEET	E



LEGEND

- SLOPE INTERCEPT
- SILT FENCE
- COFFERDAM
- CULVERT PIPE CHECKS
- ROCK BAGS FOR DITCH CHECK
- ROCK BAGS FOR SILT FENCE RELIEF POINT
- TEMPORARY DITCH CHECK
- INLET PROTECTION (TYPE)
- EROSION MAT CLASS I TYPE B
- EROSION MAT URBAN CLASS I TYPE B
- RIPRAP MEDIUM
- SURFACE WATER FLOW EXISTING
- SURFACE WATER FLOW PROPOSED

WHEN THE PLANS SHOW TWO INLET PROTECTION TYPES TOGETHER, USE TYPE A INLET PROTECTION DURING GRADING OPERATIONS.

ALL EXISTING INLETS WITHIN THE PROJECT LIMITS SHALL RECEIVE INLET PROTECTION.

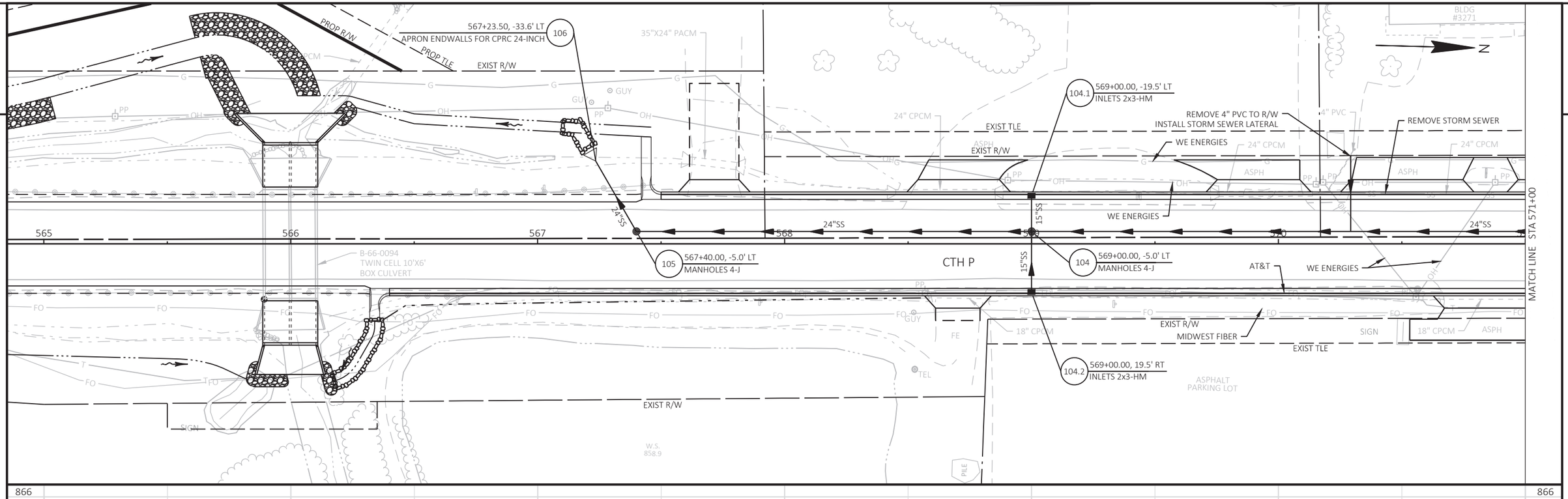
THE FIRST SET OF EXISTING INLETS DOWNSTREAM OF THE CONSTRUCTION LIMITS SHALL RECEIVE INLET PROTECTION.

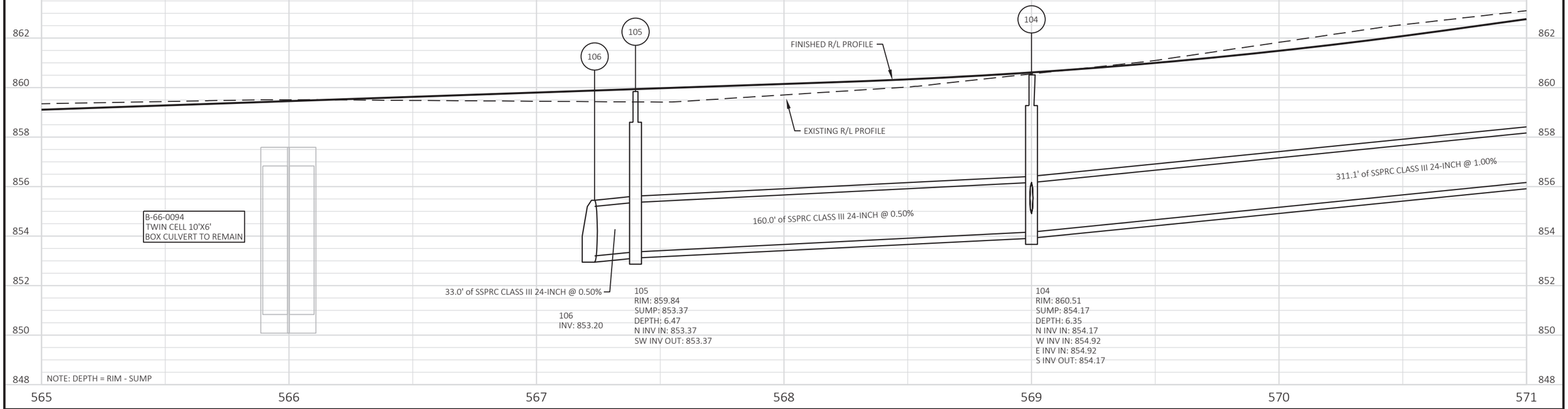
FINISHING ITEMS SHALL BE SALVAGED TOPSOIL, FERTILIZER TYPE B, SEED MIX NO 20, AND MULCH, UNLESS OTHERWISE NOTED IN THE PLANS.

DO NOT APPLY FERTILIZER WITHIN 20 FEET OF A WATERWAY OR WETLAND.

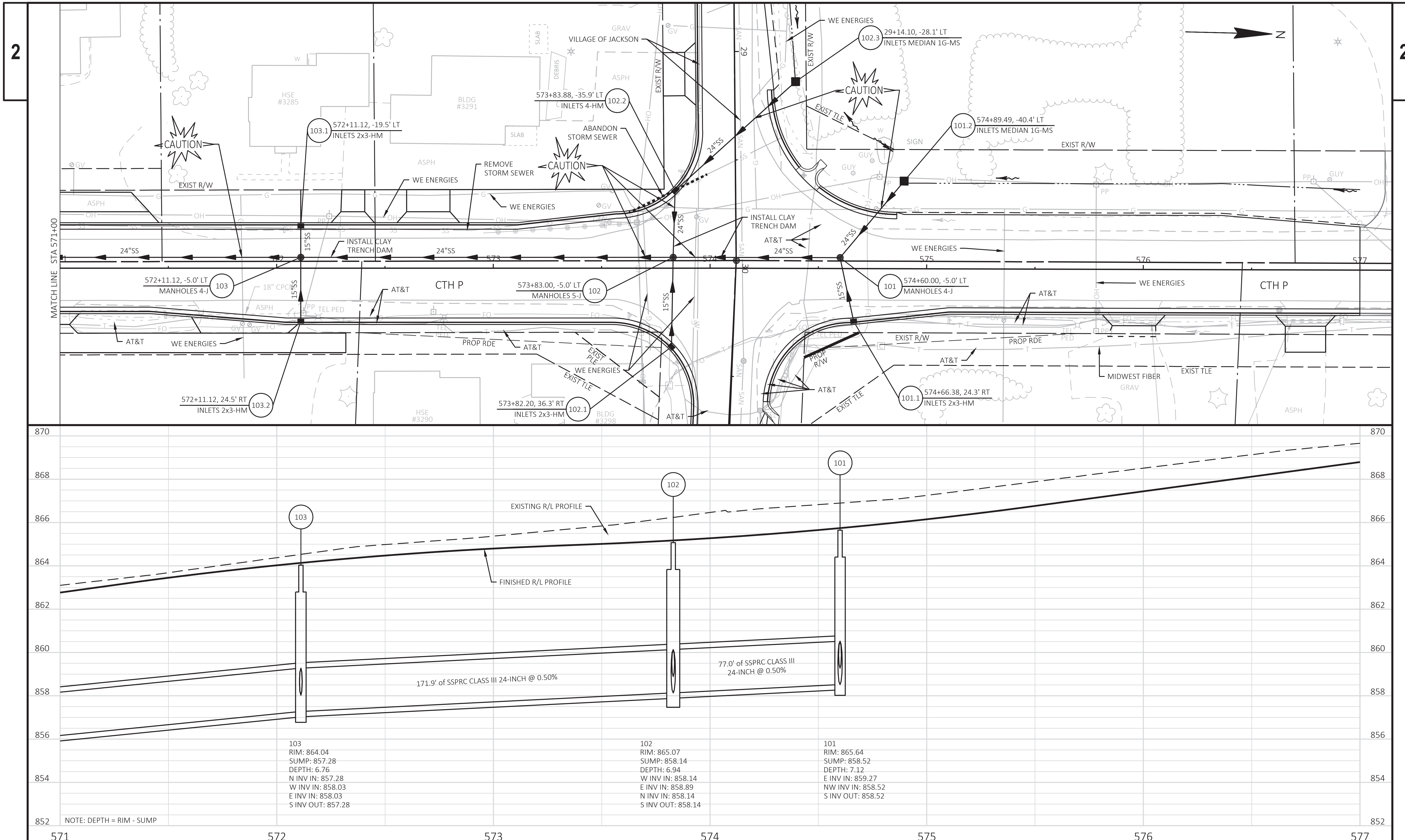
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	EROSION CONTROL PLAN	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-022001-EC.DWG
LAYOUT NAME - Sheet-04
PLOT DATE : 10/31/2023 7:00 AM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

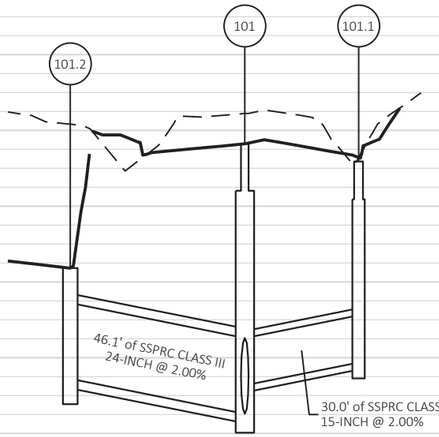




PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	STORM SEWER	SHEET E

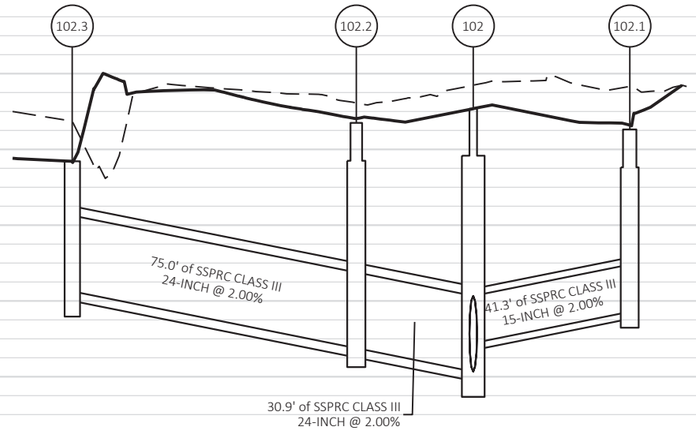


2
VILLAGE OF JACKSON
WE ENERGIES
29+14.10, -28.1' LT
INLETS MEDIAN 1G-MS
CAUTION
573+83.88, -35.9' LT
INLETS 4-HM
572+11.12, -19.5' LT
INLETS 2x3-HM
ABANDON STORM SEWER
574+89.49, -40.4' LT
INLETS MEDIAN 1G-MS
REMOVE STORM SEWER
EXIST R/W
INSTALL CLAY TRENCH DAM
24"SS
15"SS
CTH P
572+11.12, -5.0' LT
MANHOLES 4-J
573+83.00, -5.0' LT
MANHOLES 5-J
574+60.00, -5.0' LT
MANHOLES 4-J
AT&T
PROP RDE
MIDWEST FIBER
EXIST TLE
572+11.12, 24.5' RT
INLETS 2x3-HM
573+82.20, 36.3' RT
INLETS 2x3-HM
574+66.38, 24.3' RT
INLETS 2x3-HM
MATCH LINE STA 571+00
EXISTING R/L PROFILE
FINISHED R/L PROFILE
171.9' of SSPRC CLASS III 24-INCH @ 0.50%
77.0' of SSPRC CLASS III 24-INCH @ 0.50%
103
RIM: 864.04
SUMP: 857.28
DEPTH: 6.76
N INV IN: 857.28
W INV IN: 858.03
E INV IN: 858.03
S INV OUT: 857.28
102
RIM: 865.07
SUMP: 858.14
DEPTH: 6.94
W INV IN: 858.14
E INV IN: 858.89
N INV IN: 858.14
S INV OUT: 858.14
101
RIM: 865.64
SUMP: 858.52
DEPTH: 7.12
E INV IN: 859.27
NW INV IN: 858.52
S INV OUT: 858.52
NOTE: DEPTH = RIM - SUMP

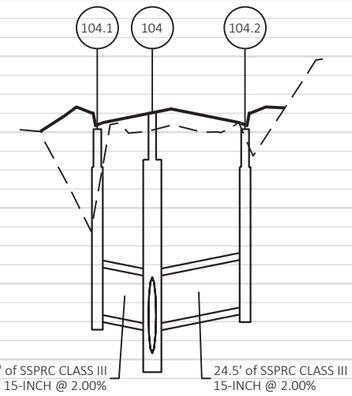


101.2	101	101.1
RIM: 862.37	RIM: 865.64	RIM: 865.18
SUMP: 859.44	SUMP: 858.52	SUMP: 859.87
DEPTH: 2.93	DEPTH: 7.12	DEPTH: 5.30
SE INV OUT: 859.44	E INV IN: 859.27	W INV OUT: 859.87
	NW INV IN: 858.52	
	S INV OUT: 858.52	

NOTE: DEPTH = RIM - SUMP

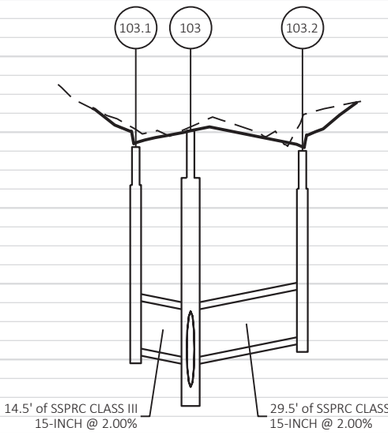


102.3	102.2	102	102.1
RIM: 863.68	RIM: 864.70	RIM: 865.07	RIM: 864.53
SUMP: 860.25	SUMP: 858.75	SUMP: 858.14	SUMP: 859.71
DEPTH: 3.43	DEPTH: 5.95	DEPTH: 6.94	DEPTH: 4.82
SE INV OUT: 860.25	NW INV IN: 858.75	W INV IN: 858.14	W INV OUT: 859.71
	E INV OUT: 858.75	E INV IN: 858.89	
		N INV IN: 858.14	
		S INV OUT: 858.14	



104.1	104	104.2
RIM: 860.08	RIM: 860.51	RIM: 860.08
SUMP: 855.20	SUMP: 854.17	SUMP: 855.41
DEPTH: 4.88	DEPTH: 6.35	DEPTH: 4.68
E INV OUT: 855.20	N INV IN: 854.17	W INV OUT: 855.41
	W INV IN: 854.92	
	E INV IN: 854.92	
	S INV OUT: 854.17	

NOTE: DEPTH = RIM - SUMP



103.1	103	103.2
RIM: 863.61	RIM: 864.04	RIM: 863.51
SUMP: 858.32	SUMP: 857.28	SUMP: 858.62
DEPTH: 5.29	DEPTH: 6.76	DEPTH: 4.89
E INV OUT: 858.32	N INV IN: 857.28	W INV OUT: 858.62
	W INV IN: 858.03	
	E INV IN: 858.03	
	S INV OUT: 857.28	

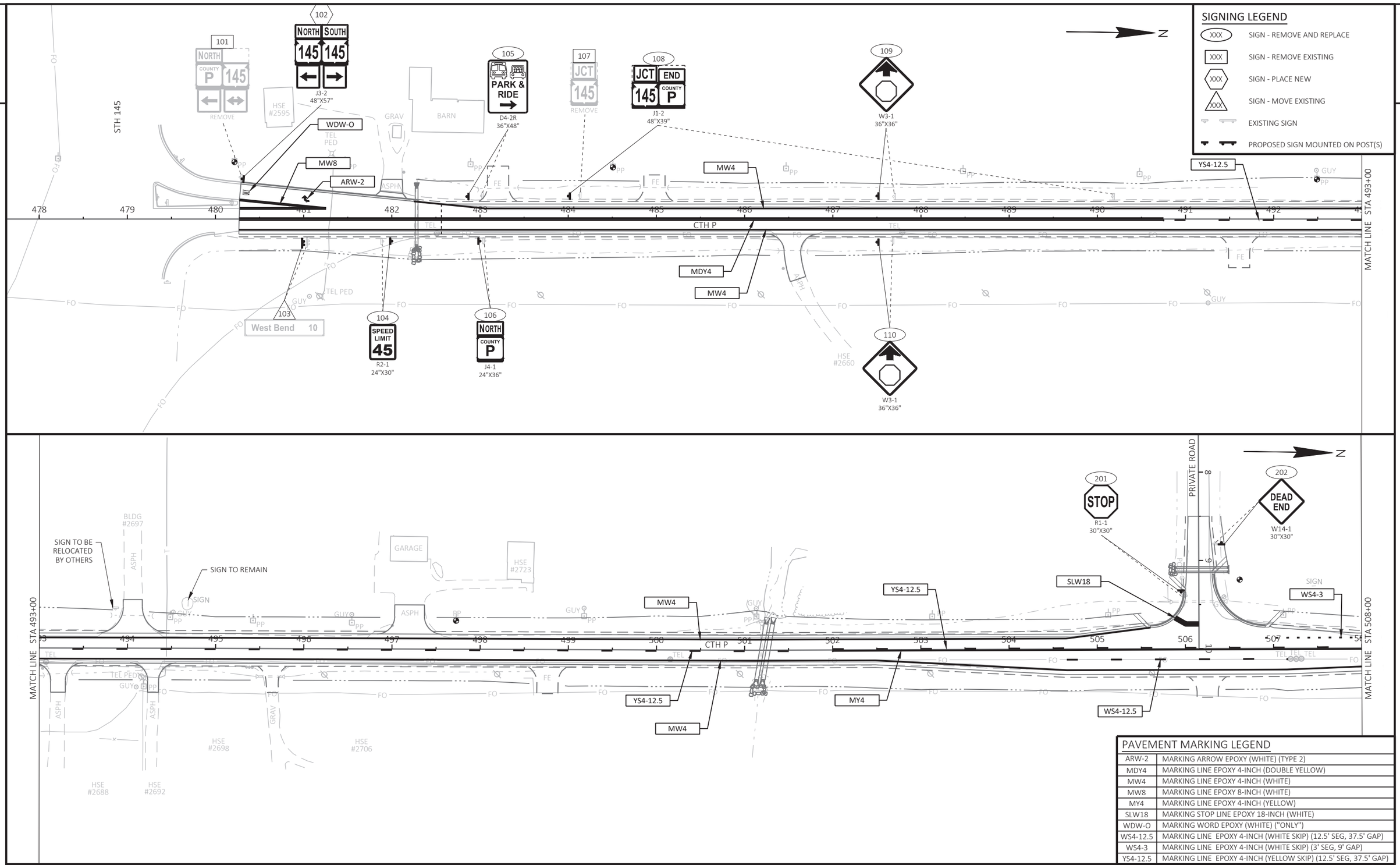
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	STORM SEWER	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-022501-SS.DWG
LAYOUT NAME - Sheet-11
PLOT DATE : 10/31/2023 7:00 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

STORM SEWER STRUCTURE DATA

STRUCTURE NUMBER	ALIGNMENT	STATION	OFFSET	LOCATION	TYPE	RIM/GRATE ELEVATION	STRUCTURE INV ELEV	TOTAL DEPTH	SUMP DEPTH	CONNECTING PIPES	PIPE DIRECTION	PIPE SIZE & TYPE	PIPE INVERT	PIPE ROUTE	PIPE LENGTH	PIPE SLOPE	REMARKS
101	CTH P	574+60.00	-5.00	LT	MANHOLES 4-J	865.64	858.52	7.12	0.00	101.1-101 IN 101.3-101.2 IN 101-102 OUT	E NW S	SSPRC CLASS III 15-INCH SSPRC CLASS III 24-INCH SSPRC CLASS III 24-INCH	859.27 858.52 858.52	FROM STR: 101.1 FROM STR: 101.2 TO STR: 102	-- -- 77.02'	-- -- 0.50%	
101.1	CTH P	574+66.38	24.33	RT	INLETS 2X3-HM	865.18	859.87	5.30	0.00	101.1-101 OUT	W	SSPRC CLASS III 15-INCH	859.87	TO STR: 101	30.01'	2.00%	
101.2	CTH P	574+89.49	-40.43	LT	INLETS MEDIAN 1G-MS	862.37	859.44	2.93	0.00	101.3-101.2 OUT	SE	SSPRC CLASS III 24-INCH	859.44	TO STR: 101	46.10'	2.00%	
102	CTH P	573+83.00	-5.00	LT	MANHOLES 5-J	865.07	858.14	6.94	0.00	102.2-102 IN 102.1-102 IN 101-102 IN 102-103 OUT	W E N S	SSPRC CLASS III 24-INCH SSPRC CLASS III 15-INCH SSPRC CLASS III 24-INCH SSPRC CLASS III 24-INCH	858.14 858.89 858.14 858.14	FROM STR: 102.2 FROM STR: 102.1 FROM STR: 101 TO STR: 103	-- -- -- 171.88'	-- -- -- 0.50%	
102.1	CTH P	573+82.20	36.31	RT	INLETS 2X3-HM	864.53	859.71	4.82	0.00	102.1-102 OUT	W	SSPRC CLASS III 15-INCH	859.71	TO STR: 102	41.32'	2.00%	
102.2	CTH P	573+83.88	-35.85	LT	INLETS 4-HM	864.70	858.75	5.95	0.00	101.4-101.2 IN 102.2-102 OUT	NW E	SSPRC CLASS III 24-INCH SSPRC CLASS III 24-INCH	858.75 858.75	FROM STR: 102.3 TO STR: 102	-- 30.86'	-- 2.00%	
102.3	SHERMAN	29+14.10	-28.12	LT	INLETS MEDIAN 1G-MS	863.68	860.25	3.43	0.00	101.4-101.2 OUT	SE	SSPRC CLASS III 24-INCH	860.25	TO STR: 102.2	74.97'	2.00%	
103	CTH P	572+11.12	-5.00	LT	MANHOLES 4-J	864.04	857.28	6.76	0.00	102-103 IN 103.1-103 IN 103.2-103 IN 103-104 OUT	N W E S	SSPRC CLASS III 24-INCH SSPRC CLASS III 15-INCH SSPRC CLASS III 15-INCH SSPRC CLASS III 24-INCH	857.28 858.03 858.03 857.28	FROM STR: 102 FROM STR: 103.1 FROM STR: 103.2 TO STR: 104	-- -- -- 311.12'	-- -- -- 1.00%	
103.1	CTH P	572+11.12	-19.50	LT	INLETS 2X3-HM	863.61	858.32	5.29	0.00	103.1-103 OUT	E	SSPRC CLASS III 15-INCH	858.32	TO STR: 103	14.50'	2.00%	
103.2	CTH P	572+11.12	24.50	RT	INLETS 2X3-HM	863.51	858.62	4.89	0.00	103.2-103 OUT	W	SSPRC CLASS III 15-INCH	858.62	TO STR: 103	29.50'	2.00%	
104	CTH P	569+00.00	-5.00	LT	MANHOLES 4-J	860.51	854.17	6.35	0.00	103-104 IN 104.1-104 IN 104.2-104 IN 104-105 OUT	N W E S	SSPRC CLASS III 24-INCH SSPRC CLASS III 15-INCH SSPRC CLASS III 15-INCH SSPRC CLASS III 24-INCH	854.17 854.92 854.92 854.17	FROM STR: 103 FROM STR: 104.1 FROM STR: 104.2 TO STR: 105	-- -- -- 160.00'	-- -- -- 0.50%	
104.1	CTH P	569+00.00	-19.50	LT	INLETS 2X3-HM	860.08	855.20	4.88	0.00	104.1-104 OUT	E	SSPRC CLASS III 15-INCH	855.20	TO STR: 104	14.50'	2.00%	
104.2	CTH P	569+00.00	19.50	RT	INLETS 2X3-HM	860.08	855.41	4.68	0.00	104.2-104 OUT	W	SSPRC CLASS III 15-INCH	855.41	TO STR: 104	24.50'	2.00%	
105	CTH P	567+40.00	-5.00	LT	MANHOLES 4-J	859.84	853.37	6.47	0.00	104-105 IN 105-106 OUT	N SW	SSPRC CLASS III 24-INCH SSPRC CLASS III 24-INCH	853.37 853.37	FROM STR: 104 TO STR: 106	-- 33.00'	-- 0.50%	
106	CTH P	567+23.50	-33.58	LT	APRON ENDWALLS FOR CPRC 24-INCH					105-106 IN	NE	SSPRC CLASS III 24-INCH	853.20	FROM STR: 105	--	--	PIPE GRATE REQUIRED

NOTES:
1. TOTAL DEPTH = RIM/GRATE ELEVATION - STRUCTURE INVERT ELEVATION.
2. MANHOLES SHALL BE CONSTRUCTED IN A WAY THAT WILL ALLOW THE CASTING TO BE ALIGNED IN THE MIDDLE OF A LANE OR ON A JOINT LINE.
3. CONTRACTOR SHALL VERIFY EXISTING PIPE SIZES, MATERIALS AND INVERT ELEVATION WHEN CONNECTING NEW STORM SEWER INTO EXISTING PIPES PRIOR TO MANUFACTURING INLETS AND MANHOLES.
4. STATION/ OFFSET OF STORM SEWER STRUCTURES ARE TO THE CENTER OF STRUCTURE EXCEPT FOR CONCRETE APRON ENDWALLS WHICH ARE TO PIPE END.



PAVEMENT MARKING LEGEND

ARW-2	MARKING ARROW EPOXY (WHITE) (TYPE 2)
MDY4	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
MW4	MARKING LINE EPOXY 4-INCH (WHITE)
MW8	MARKING LINE EPOXY 8-INCH (WHITE)
MY4	MARKING LINE EPOXY 4-INCH (YELLOW)
SLW18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
WDW-O	MARKING WORD EPOXY (WHITE) ("ONLY")
WS4-12.5	MARKING LINE EPOXY 4-INCH (WHITE SKIP) (12.5' SEG, 37.5' GAP)
WS4-3	MARKING LINE EPOXY 4-INCH (WHITE SKIP) (3' SEG, 9' GAP)
YS4-12.5	MARKING LINE EPOXY 4-INCH (YELLOW SKIP) (12.5' SEG, 37.5' GAP)

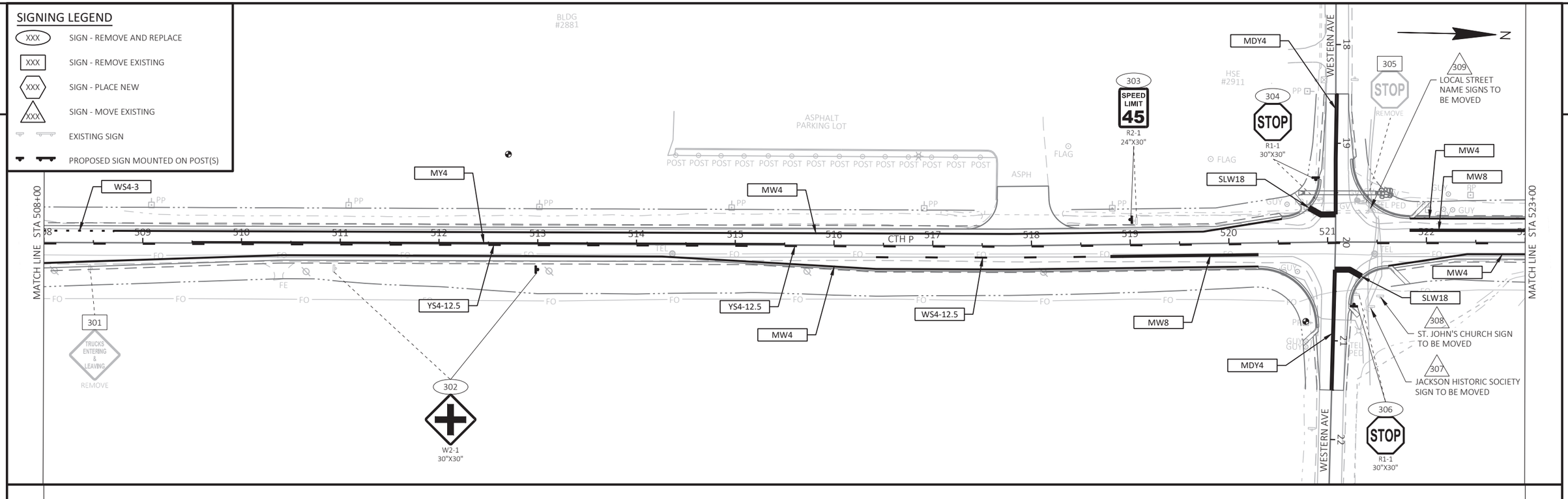
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	SIGNING & PAVEMENT MARKING PLAN	SHEET E

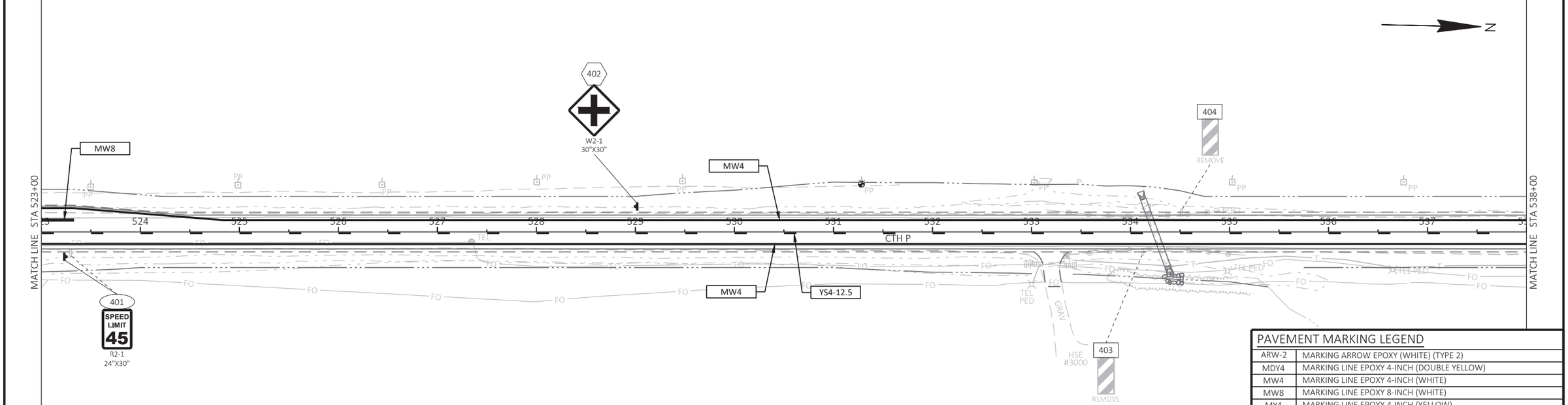
FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-023201-PS.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/31/2023 7:00 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT

SIGNING LEGEND

- XXX — SIGN - REMOVE AND REPLACE
- XXX — SIGN - REMOVE EXISTING
- XXX — SIGN - PLACE NEW
- XXX — SIGN - MOVE EXISTING
- EXISTING SIGN
- PROPOSED SIGN MOUNTED ON POST(S)





PAVEMENT MARKING LEGEND

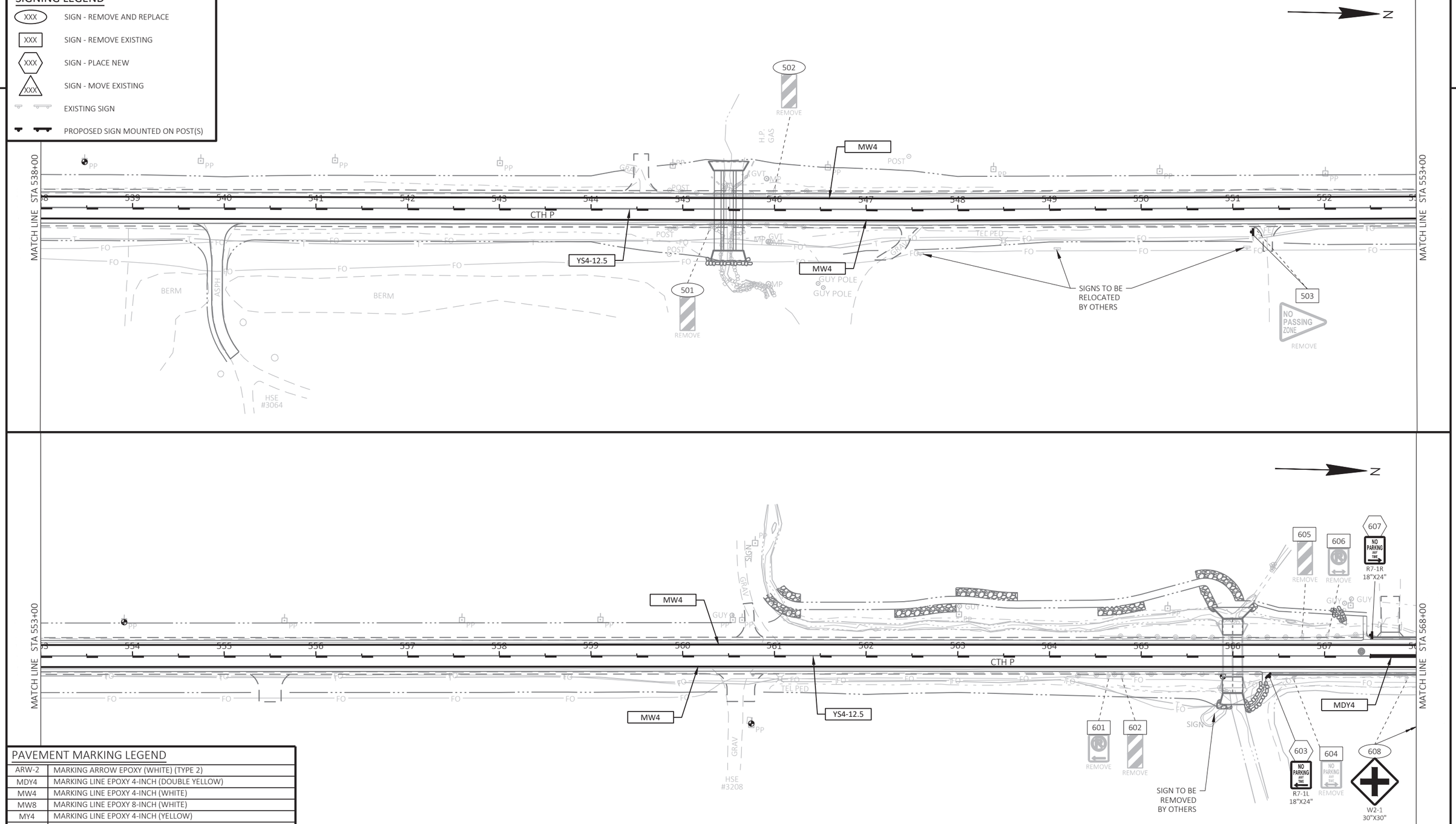
ARW-2	MARKING ARROW EPOXY (WHITE) (TYPE 2)
MDY4	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
MW4	MARKING LINE EPOXY 4-INCH (WHITE)
MW8	MARKING LINE EPOXY 8-INCH (WHITE)
MY4	MARKING LINE EPOXY 4-INCH (YELLOW)
SLW18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
WDW-O	MARKING WORD EPOXY (WHITE) ("ONLY")
WS4-12.5	MARKING LINE EPOXY 4-INCH (WHITE SKIP) (12.5' SEG, 37.5' GAP)
WS4-3	MARKING LINE EPOXY 4-INCH (WHITE SKIP) (3' SEG, 9' GAP)
YS4-12.5	MARKING LINE EPOXY 4-INCH (YELLOW SKIP) (12.5' SEG, 37.5' GAP)

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	SIGNING & PAVEMENT MARKING PLAN	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-023201-PS.DWG
LAYOUT NAME - Sheet-02
PLOT DATE : 10/31/2023 7:00 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

SIGNING LEGEND

- XXX — SIGN - REMOVE AND REPLACE
- XXX — SIGN - REMOVE EXISTING
- XXX — SIGN - PLACE NEW
- XXX — SIGN - MOVE EXISTING
- EXISTING SIGN
- PROPOSED SIGN MOUNTED ON POST(S)

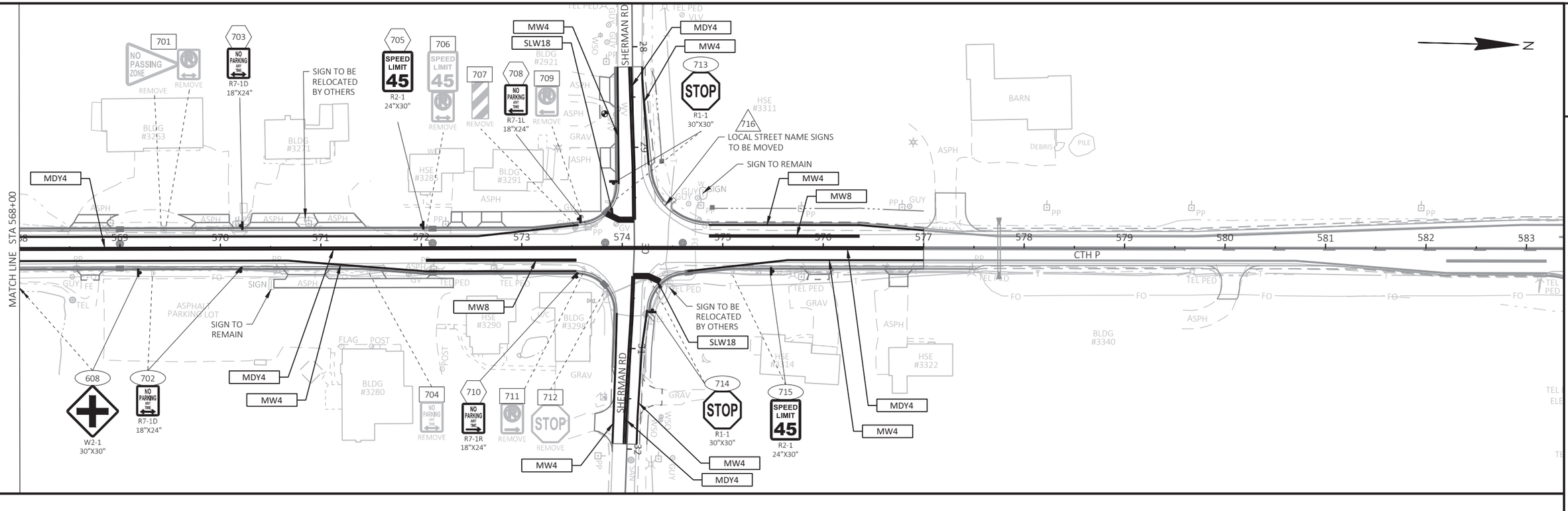


PAVEMENT MARKING LEGEND

ARW-2	MARKING ARROW EPOXY (WHITE) (TYPE 2)
MDY4	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
MW4	MARKING LINE EPOXY 4-INCH (WHITE)
MW8	MARKING LINE EPOXY 8-INCH (WHITE)
MY4	MARKING LINE EPOXY 4-INCH (YELLOW)
SLW18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
WDW-O	MARKING WORD EPOXY (WHITE) ("ONLY")
WS4-12.5	MARKING LINE EPOXY 4-INCH (WHITE SKIP) (12.5' SEG, 37.5' GAP)
WS4-3	MARKING LINE EPOXY 4-INCH (WHITE SKIP) (3' SEG, 9' GAP)
YS4-12.5	MARKING LINE EPOXY 4-INCH (YELLOW SKIP) (12.5' SEG, 37.5' GAP)

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	SIGNING & PAVEMENT MARKING PLAN	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-023201-PS.DWG
LAYOUT NAME - Sheet-03
PLOT DATE : 10/31/2023 7:00 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



SIGNING LEGEND

XXX	SIGN - REMOVE AND REPLACE
XXX	SIGN - REMOVE EXISTING
XXX	SIGN - PLACE NEW
XXX	SIGN - MOVE EXISTING
	EXISTING SIGN
	PROPOSED SIGN MOUNTED ON POST(S)

PAVEMENT MARKING LEGEND

ARW-2	MARKING ARROW EPOXY (WHITE) (TYPE 2)
MDY4	MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
MW4	MARKING LINE EPOXY 4-INCH (WHITE)
MW8	MARKING LINE EPOXY 8-INCH (WHITE)
MY4	MARKING LINE EPOXY 4-INCH (YELLOW)
SLW18	MARKING STOP LINE EPOXY 18-INCH (WHITE)
WDW-O	MARKING WORD EPOXY (WHITE) ("ONLY")
WS4-12.5	MARKING LINE EPOXY 4-INCH (WHITE SKIP) (12.5' SEG, 37.5' GAP)
WS4-3	MARKING LINE EPOXY 4-INCH (WHITE SKIP) (3' SEG, 9' GAP)
YS4-12.5	MARKING LINE EPOXY 4-INCH (YELLOW SKIP) (12.5' SEG, 37.5' GAP)

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	SIGNING & PAVEMENT MARKING PLAN	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-023201-PS.DWG
LAYOUT NAME - Sheet-04

PLOT DATE : 10/31/2023 7:01 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SIGN LOCATION
- TYPE III BARRICADE WITH SIGN
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- PROPOSED DETOUR ROUTE
- WORK AREA
- WORK AREA (COUNTY PROJECT)

- B — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL B" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- E — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL E" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- S3 — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL 3" IN SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" TO BE USED WHEN SIDEROAD IS OPEN TO THRU TRAFFIC
- S4 — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL 4" IN SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" TO BE USED WHEN SIDEROAD IS CLOSED TO THRU TRAFFIC

GENERAL NOTES - DETOUR

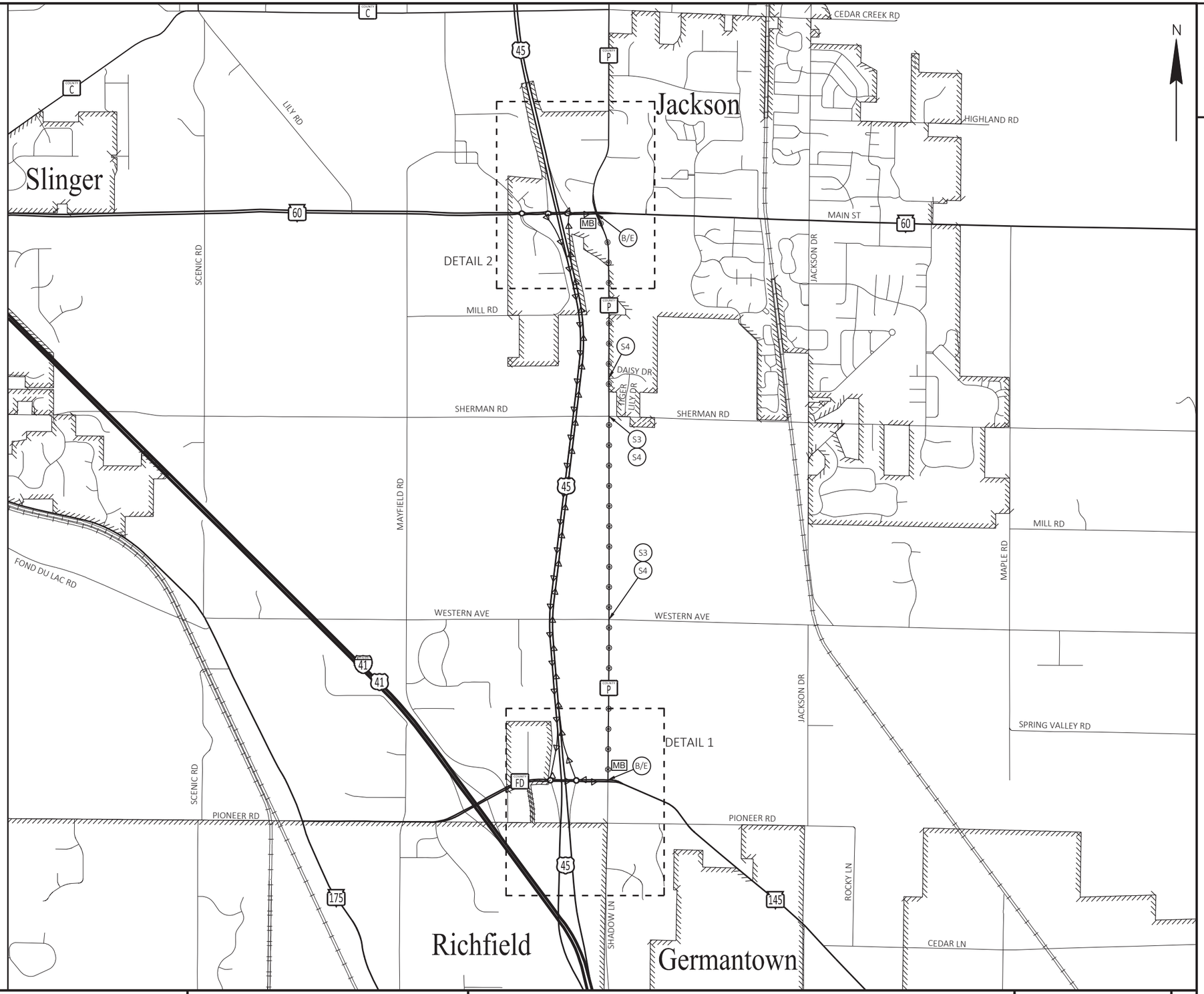
SEE S.D.D. "BARRICADES AND SIGNS FOR MAINLINE CLOSURES", "BARRICADES AND SIGNS FOR VARIOUS CLOSURES", "DETOUR SIGNING FOR MAINLINE CLOSURES", AND "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR GENERAL NOTES AND SIGN SPACING REQUIREMENTS.

DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON FIELD CONDITIONS AND THE CONTRACTOR'S METHODS OR SEQUENCE OF OPERATION.

ALL EXISTING OR TEMPORARY SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.

MAP SHOWN IS NOT TO SCALE.

PCMS MESSAGES		
	7 DAYS PRIOR TO DETOUR	
LOCATION	PHASE 1 (2 SEC.)	PHASE 2 (2 SEC.)
CTH P NB	ROAD CLOSED BEGINS	{DAY} {DATE XX}
CTH P SB	ROAD CLOSED BEGINS	{DAY} {DATE XX}



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	DETOUR	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-027001-DT.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/31/2023 7:01 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:0.5 MI

2

LEGEND

- SIGN LOCATION
- TYPE III BARRICADE WITH SIGN
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- PROPOSED DETOUR ROUTE
- WORK AREA
- B — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL B" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- C — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL C" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- E — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL E" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"

GENERAL NOTES - DETOUR

SEE S.D.D. "BARRICADES AND SIGNS FOR MAINLINE CLOSURES", "BARRICADES AND SIGNS FOR VARIOUS CLOSURES", "DETOUR SIGNING FOR MAINLINE CLOSURES", AND "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR GENERAL NOTES AND SIGN SPACING REQUIREMENTS.

DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON FIELD CONDITIONS AND THE CONTRACTOR'S METHODS OR SEQUENCE OF OPERATION.

ALL EXISTING OR TEMPORARY SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.

MAP SHOWN IS NOT TO SCALE.

1
ROAD CLOSED AHEAD
W20-3A 48"X48"

2
COVER JCT 145

3 / 3A
M3-1 24"X12" NORTH M3-1 36"X18"
M1-5A 24"X24" COUNTY P M1-5A 36"X36"
DETOUR AHEAD
W20-2A 48"X48" W20-2A 48"X48"

4
DETOUR M4-8 24"X12"
NORTH M3-1 24"X12"
COUNTY P M1-5A 24"X24"
MO5-1L 21"X21"

5
ROAD CLOSED 500 FT
W20-3D 48"X48"

6
DETOUR NORTH COUNTY P — M4-8 24"X12", M3-1 24"X12", M1-5A 24"X24", MO6-1 21"X21"

7 / 7A
DETOUR NORTH COUNTY P — M4-8 24"X12", M3-1 24"X12", M1-5A 24"X24", MO6-1 21"X21"
DETOUR NORTH COUNTY P — M4-8 36"X18", M3-1 36"X18", M1-5A 36"X36", MO6-1 30"X30"

8
COVER COUNTY P

9
MODIFY EXISTING SIGNS TO
FROM: NORTH COUNTY P
TO: DETOUR M4-8 24"X12", NORTH M3-1 24"X12", COUNTY P M1-5A 24"X24", MO6-1 21"X21"

10
M4-9L 30"X24"
DETOUR
TYPE III BARRICADE

11
R11-4 60" X 30"
ROAD CLOSED TO THRU TRAFFIC
TYPE III BARRICADE

12
DETOUR NORTH COUNTY P — M4-8 24"X12", M3-1 24"X12", M1-5A 24"X24", MO5-1R 21"X21"

13
DETOUR NORTH COUNTY P — M4-8 24"X12", M3-1 24"X12", M1-5A 24"X24", MO6-1 21"X21"

14
DETOUR NORTH COUNTY P — M4-8 36"X18", M3-1 36"X18", M1-5A 36"X36"

17
END DETOUR COUNTY P — M4-8A 24"X18", M1-5A 24"X24"

23
DETOUR SOUTH COUNTY P — M4-8 24"X12", M3-3 24"X12", M1-5A 24"X24", MO6-1 21"X21"

25
DETOUR SOUTH COUNTY P — M4-8 24"X12", M3-3 24"X12", M1-5A 24"X24", MO5-1L 21"X21"

26
DETOUR SOUTH COUNTY P — M4-8 24"X12", M3-3 24"X12", M1-5A 24"X24", MO6-1 21"X21"

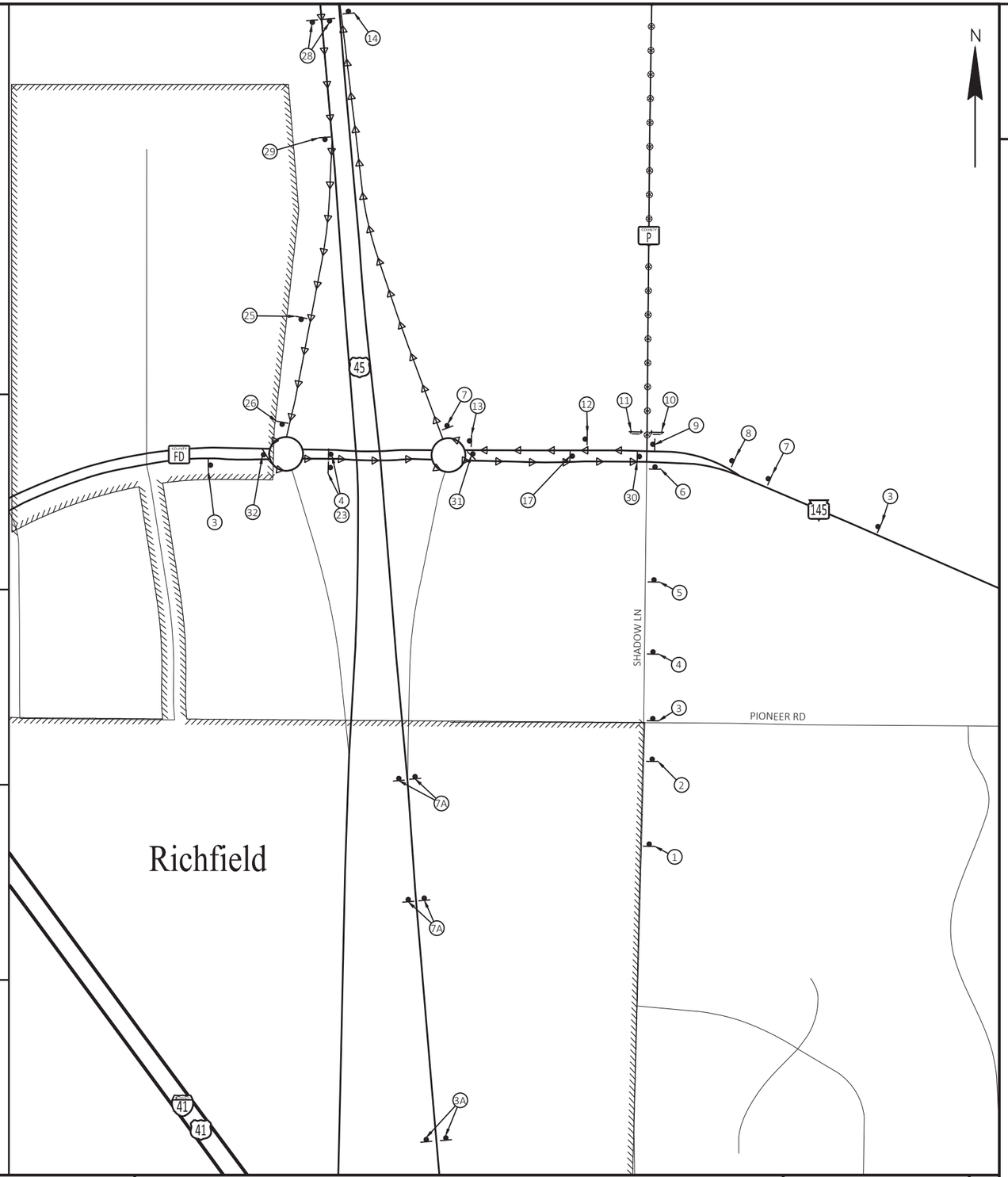
28
DETOUR SOUTH COUNTY P — M4-8 36"X18", M3-3 36"X18", M1-5A 36"X36", M5-2R 30"X30"

29
DETOUR SOUTH COUNTY P — M4-8 36"X18", M3-3 36"X18", M1-5A 36"X36", MO6-2 30"X30"

30
COVER JCT 145

31
DETOUR NORTH COUNTY P — M4-8 24"X12", M3-1 24"X12", M1-5A 24"X24", MO6-2 21"X21"

32
DETOUR SOUTH COUNTY P — M4-8 24"X12", M3-3 24"X12", M1-5A 24"X24", MO6-2 21"X21"



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	DETOUR - DETAIL 1	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-027001-DT.DWG
LAYOUT NAME - Sheet-02

PLOT DATE : 10/31/2023 7:01 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:500 FT

2

LEGEND

- SIGN LOCATION
- TYPE III BARRICADE WITH SIGN
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- PROPOSED DETOUR ROUTE
- WORK AREA
- B — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL B" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- C — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL C" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"
- E — PLACE TRAFFIC CONTROL SIGNS PER "DETAIL E" IN SDD "BARRICADES AND SIGNS FOR MAINLINE CLOSURES"

GENERAL NOTES - DETOUR

SEE S.D.D. "BARRICADES AND SIGNS FOR MAINLINE CLOSURES", "BARRICADES AND SIGNS FOR VARIOUS CLOSURES", "DETOUR SIGNING FOR MAINLINE CLOSURES", AND "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" FOR GENERAL NOTES AND SIGN SPACING REQUIREMENTS.

DRAWINGS SHOW TRAFFIC CONTROL FOR A TYPICAL SITUATION. ADDITIONAL TRAFFIC CONTROL DEVICES MAY BE REQUIRED AND/OR LAYOUT DETAILS MODIFIED DEPENDING ON FIELD CONDITIONS AND THE CONTRACTOR'S METHODS OR SEQUENCE OF OPERATION.

ALL EXISTING OR TEMPORARY SIGN MESSAGES THAT CONFLICT WITH THE DETOUR SHALL BE COVERED OR REMOVED.

MAP SHOWN IS NOT TO SCALE.

1 — ROAD CLOSED AHEAD — W20-3A 48"X48"

5 — ROAD CLOSED 500 FT — W20-3D 48"X48"

11 — R11-4 60" X 30" — ROAD CLOSED TO THRU TRAFFIC — TYPE III BARRICADE

12 — DETOUR M4-8 24"X12"; NORTH M3-1 24"X12"; COUNTY P M1-5A 24"X24"; MO5-1R 21"X21"

13 — DETOUR M4-8 24"X12"; NORTH M3-1 24"X12"; COUNTY P M1-5A 24"X24"; MO6-1 21"X21"

15 — DETOUR M4-8 36"X18"; NORTH M3-1 36"X18"; COUNTY P M1-5A 36"X36"; M5-2R 30"X30"

16 — DETOUR M4-8 36"X18"; NORTH M3-1 36"X18"; COUNTY P M1-5A 36"X36"; MO6-2 30"X30"

17 — END DETOUR M4-8A 24"X18"; COUNTY P M1-5A 24"X24"

18 — MODIFY EXISTING SIGNS — FROM: COUNTY P; TO: NORTH M3-1 24"X12"; COUNTY P; MO6-1 21"X21"

19 — DETOUR AHEAD — W20-2A 48"X48"

20 — DETOUR M4-8 24"X12"; SOUTH M3-3 24"X12"; COUNTY P M1-5A 24"X24"; MO5-1R 21"X21"

21 — DETOUR M4-8 24"X12"; SOUTH M3-3 24"X12"; COUNTY P M1-5A 24"X24"; MO6-1 21"X21"

22 / 22A — M3-3 24"X12"; SOUTH; COUNTY P; M1-5A 24"X24"; M3-1 36"X18"; M1-5A 36"X36"; DETOUR AHEAD — W20-2A 48"X48" (x2)

23 / 23A — M4-8 24"X12"; M3-3 24"X12"; M1-5A 24"X24"; MO6-1 21"X21"; M4-8 36"X18"; M3-1 36"X18"; M1-5A 36"X36"; MO6-1 30"X30"

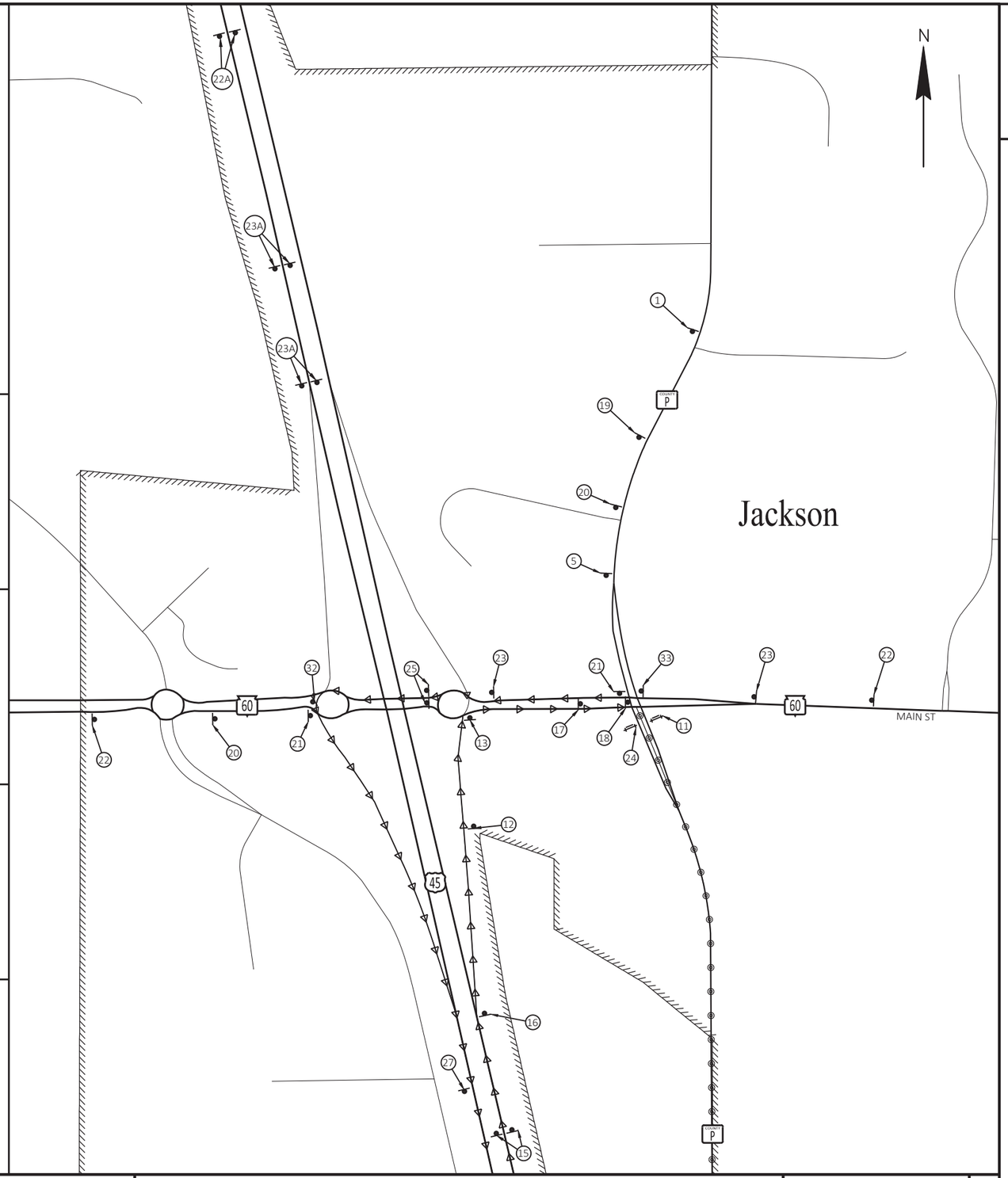
24 — M4-9R 30"X24" — DETOUR — TYPE III BARRICADE

25 — DETOUR M4-8 24"X12"; SOUTH M3-3 24"X12"; COUNTY P M1-5A 24"X24"; MO5-1L 21"X21"

27 — DETOUR M4-8 36"X18"; SOUTH M3-3 36"X18"; COUNTY P M1-5A 36"X36"

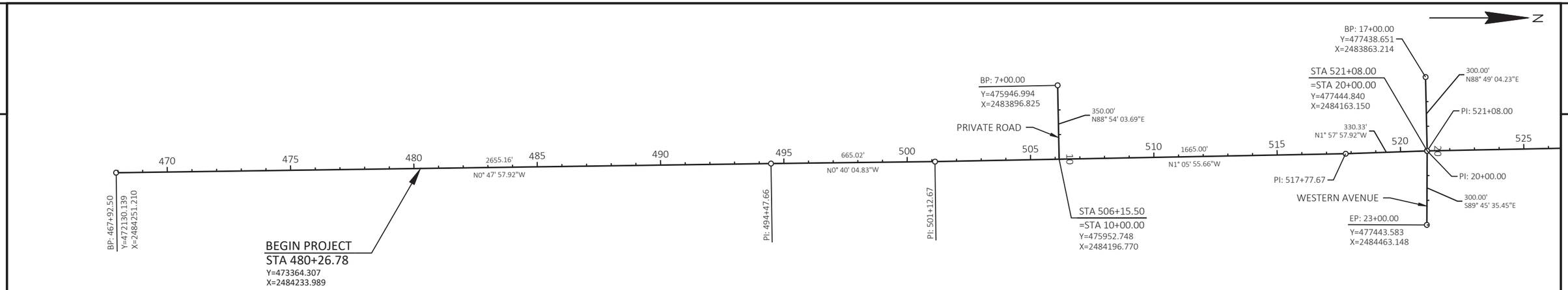
32 — DETOUR M4-8 24"X12"; SOUTH M3-3 24"X12"; COUNTY P M1-5A 24"X24"; MO6-2 21"X21"

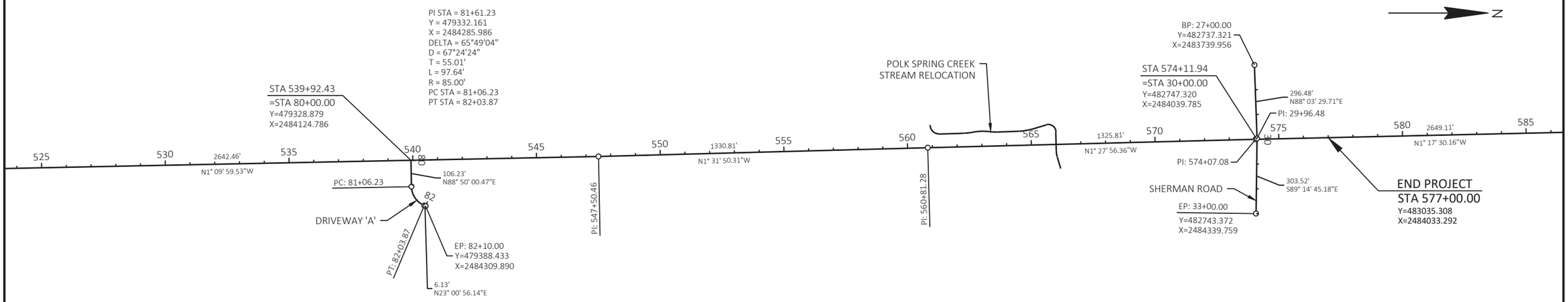
33 — MODIFY EXISTING SIGNS — FROM: COUNTY P; TO: NORTH M3-1 24"X12"; COUNTY P; MO6-1 21"X21"

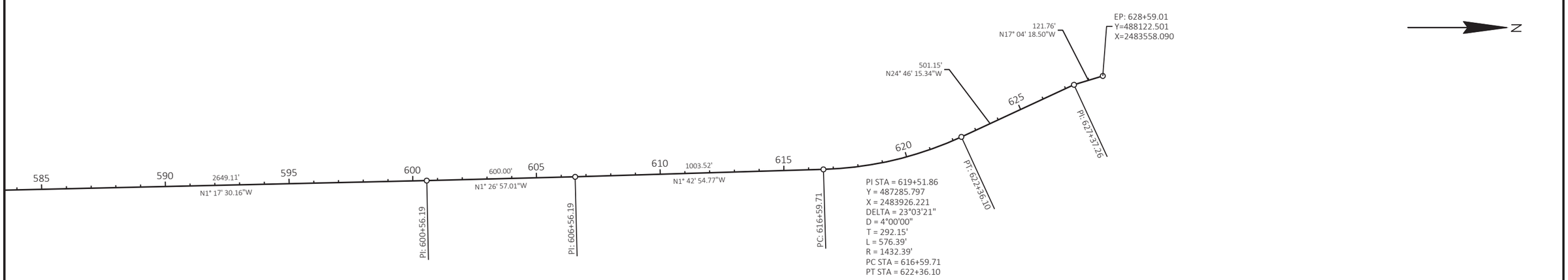


PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	DETOUR - DETAIL 2	SHEET E

2







PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	ALIGNMENT DIAGRAM	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-027201-AD.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/31/2023 7:01 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:400 FT

2

N

PI STA = 90+37.16
Y = 481429.076
X = 2484019.255
DELTA = 87°48'22"
D = 163°42'08"
T = 33.68'
L = 53.64'
R = 35.00'
PC STA = 90+03.48
PT STA = 90+57.12

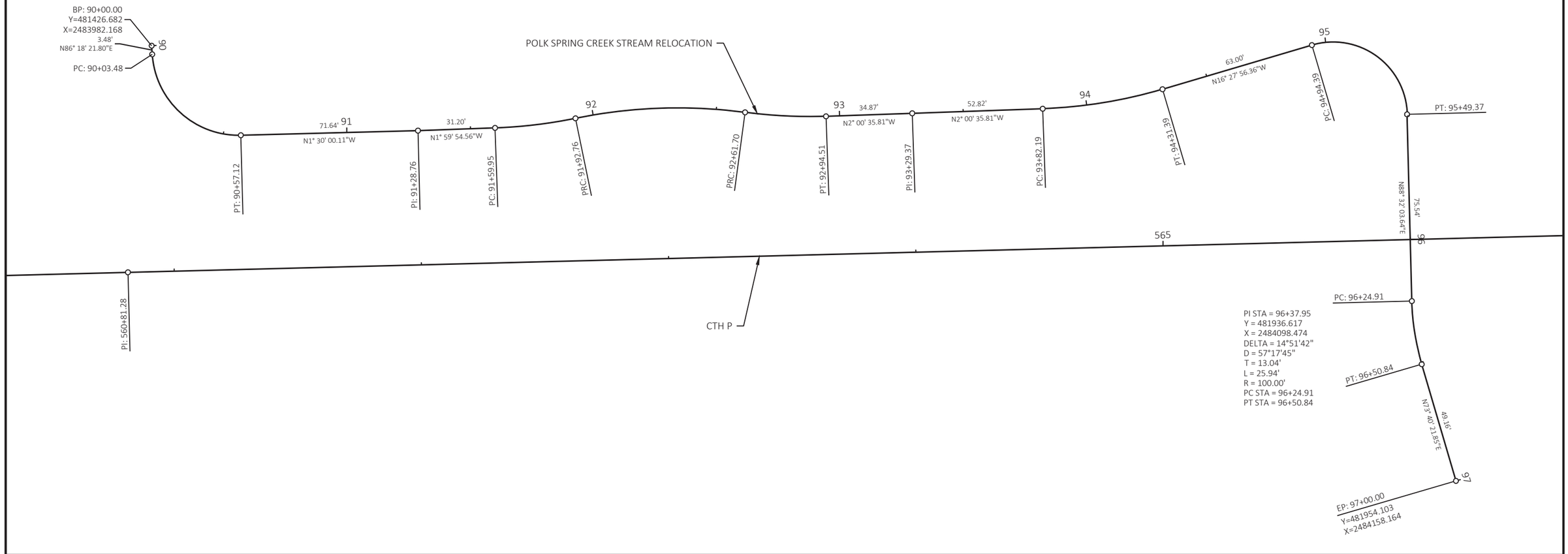
PI STA = 91+76.39
Y = 481581.973
X = 2484014.836
DELTA = 9°38'22"
D = 29°22'57"
T = 16.44'
L = 32.81'
R = 195.00'
PC STA = 91+59.95
PT STA = 91+92.76

PI STA = 92+27.56
Y = 481632.160
X = 2484004.500
DELTA = 19°16'04"
D = 27°56'57"
T = 34.80'
L = 68.94'
R = 205.00'
PC STA = 91+92.76
PT STA = 92+61.70

PI STA = 92+78.14
Y = 481682.947
X = 2484011.303
DELTA = 9°38'23"
D = 29°22'57"
T = 16.44'
L = 32.81'
R = 195.00'
PC STA = 92+61.70
PT STA = 92+94.51

PI STA = 94+06.92
Y = 481811.727
X = 2484006.784
DELTA = 14°27'21"
D = 29°22'57"
T = 24.73'
L = 49.20'
R = 195.00'
PC STA = 93+82.19
PT STA = 94+31.39

PI STA = 95+33.48
Y = 481933.352
X = 2483970.836
DELTA = 105°00'00"
D = 190°59'09"
T = 39.10'
L = 54.98'
R = 30.00'
PC STA = 94+94.39
PT STA = 95+49.37



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	ALIGNMENT DIAGRAM - POLK SPRING CREEK STREAM RELOCATION	SHEET	E

2

BM T
MAG NAIL IN POWER POLE
#WE-20-15465, NORTHWEST
CORNER OF CTH P AND STH 145
ELEV=941.67

CP 23375
60D SPIKE
STA 482+58.02, 23.46 LT
N: 473595.192
E: 2484207.303
EL: 943.09

BM S
MAG NAIL IN POWER POLE
#WE-20-15468, WEST SIDE OF CTH P,
200' SOUTH OF DRIVEWAY TO #2660
ELEV=946.73

479 480 481 482 483 484

CP 23376
60D SPIKE
STA 479+47.06, 52.62 RT
N: 473285.322
E: 2484287.713
EL: 935.56

CP 23019
1" IP WITH RED CAP
STA 545+36.84, 41.32 LT
N: 479872.339
E: 2484072.391
EL: 868.66

543 544 545 546 547 548

CP 23020
1" IP WITH RED CAP
STA 545+61.79, 35.52 RT
N: 479898.840
E: 2484148.708
EL: 867.11

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	ALIGNMENT LAYOUT SURVEY CONTROL	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-027202-AD.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/31/2023 7:01 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

GRUBBING

STATION - STATION	201.0205 GRUBBING STA
CATEGORY CODE 0010	
496+00 - 497+00	1
501+00 - 504+00	3
510+00 - 511+00	1
534+00 - 536+00	2
560+00 - 561+00	1
566+00 - 567+00	1
575+00 - 577+00	2
28+00 - 30+00	2
TOTAL	**13**

CLEARING TO BE DONE BY WASHINGTON COUNTY.

EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL

LOCATION	205.0501.S TON	COMMENTS
CATEGORY CODE 0010		
572+25 - 573+10	286	DAVES'S AUTOR REPAIR / FORMER OLLINGER'S GARAGE, INC. 3291 CTY HWY P
573+10 - 574+05	676	ALLAN & LORI BAUMGARTNER / FORMER GASOLINE/AUTO SERVICE STATION 3298 CTY HWY P
30+45 - 31+95	78	ALLAN & LORI BAUMGARTNER / FORMER GASOLINE/AUTO SERVICE STATION 3298 CTY HWY P
TOTAL	1,040	

WEIGHT CALCULATIONS BASED ON 1.7 TONS/ CY.

BASE AGGREGATE DENSE AND WATER ITEMS

STATION - STATION	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	305.0130 BASE AGGREGATE DENSE 3-INCH TON	624.0100 WATER MGAL
CATEGORY CODE 0010					
480+27 - 522+00	LT & RT	1,820	9,290	16,975	392
522+00 - 567+00	LT & RT	2,055	8,540	16,125	373
567+00 - 577+00	LT & RT	160	2,780	4,570	105
	TOTALS	**4,035**	**20,610**	**37,670**	**870**

BASE AGGREGATE DENSE 3/4-INCH WEIGHT CALCULATIONS BASED ON 2.1 TONS/CY.
BASE AGGREGATE DENSE 1 1/4-INCH WEIGHT CALCULATIONS BASED ON 2.0 TONS/CY.
BASE AGGREGATE DENSE 3-INCH WEIGHT CALCULATIONS BASED ON 2.2 TONS/CY.

REMOVING ITEMS

STATION - STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	203.0220 REMOVING STRUCTURE 02. STA 545+50 EACH	204.0100 REMOVING CONCRETE PAVEMENT SY	204.0150 REMOVING CURB & GUTTER LF	204.0165 REMOVING GUARDRAIL LF	204.0180 REMOVING DELINEATORS AND MARKERS EACH	204.0245 REMOVING STORM SEWER 01. 24-INCH LF	204.0291.S ABANDONING STORM SEWER 24-INCH CY	204.9090.S REMOVING 01. DRAIN TILE LF	COMMENTS
CATEGORY CODE 0010											
480+27 - 522+00	LT & RT	--	--	10,200	--	--	--	--	--	--	CTH P
480+27 - 480+83	LT	--	--	45	--	--	--	--	--	--	CORRUGATED MEDIAN
480+29 - 481+67	LT	--	--	--	139	--	--	--	--	--	--
482+27	LT & RT	1	--	--	--	--	2	--	--	--	--
483+20	LT	1	--	--	--	--	--	--	--	--	DRIVEWAY
484+98	LT	1	--	--	--	--	--	--	--	--	DRIVEWAY
486+54	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
493+21	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
494+05	LT	1	--	--	--	--	--	--	--	--	DRIVEWAY
494+28	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
495+62	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
501+19	LT & RT	1	--	--	--	--	1	--	--	--	--
517+91	LT	1	--	--	14	--	--	--	--	--	DRIVEWAY
522+00 - 567+00	LT & RT	--	--	9,080	--	--	--	--	--	--	CTH P
533+19	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
533+15 - 535+16	LT & RT	1	--	--	--	342	2	--	--	--	--
544+81 - 546+56	LT & RT	--	1	--	--	348	2	--	--	90	--
564+19 - 567+47	LT & RT	--	--	--	--	544	1	--	--	--	B-60-0094
567+00 - 577+00	LT & RT	--	--	2,445	--	--	--	--	--	--	CTH P
567+71	LT	1	--	--	--	--	--	--	--	--	DRIVEWAY
568+65	LT	1	--	--	--	--	--	--	--	--	DRIVEWAY
568+71	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
569+95	LT	1	--	--	--	--	--	--	--	--	DRIVEWAY
570+25 - 574+33	LT	--	--	--	--	--	--	376	--	--	--
570+86	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
571+85	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
572+95 - 573+89	LT	--	--	--	--	106	--	--	--	--	--
573+62 - 573+99	LT	--	--	--	--	--	--	--	19	--	--
575+96	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
576+77	RT	1	--	--	--	--	--	--	--	--	DRIVEWAY
9+47	LT & RT	1	--	--	--	--	--	--	--	--	PRIVATE ROAD
19+69	LT & RT	1	--	--	--	--	--	--	--	--	WESTERN AVENUE
31+31	LT	1	--	--	--	--	--	--	--	--	DRIVEWAY
	TOTALS	**23**	**1**	**21,770**	**153**	**1,340**	**8**	**376**	**19**	**90**	

3

DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION (3)	SALVAGED/ UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	205.0400 MARSH EXCAVATION (6)	REDUCED MARSH IN FILL (8) FACTOR 0.60	REDUCED EBS IN FILL (9) FACTOR 0.80	EXPANDED MARSH BACKFILL (10) FACTOR 1.50	EXPANDED EBS BACKFILL (11) FACTOR 1.30	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE (15)	COMMENT
DIVISION 1																
CTH P	480+00/522+00	CTH P	22,998	1,510	7,097	15,901	160	96	1,208	240	1,963	2,432	1,410	14,491	14,491	
CTH P	522+00/567+00	CTH P	48,942	1,620	7,244	41,698	715	429	1,296	1,073	2,106	5,768	5,054	36,644	36,644	
CTH P	567+00/577+00	CTH P	4,430	360	1,707	2,723	0	0	288	0	468	338	63	2,661	2,661	
PRIVATE ROAD	08+50/09+76	PRIVATE ROAD	438	0	85	353	0	0	0	0	0	39	49	304	304	
WESTERN AVENUE (WEST)	18+50/19+76	WESTERN AVENUE (WEST)	745	0	45	700	0	0	0	0	0	13	16	684	684	
WESTERN AVENUE (EAST)	20+24.018/21+50	WESTERN AVENUE (EAST)	314	0	49	265	0	0	0	0	0	52	65	200	200	
SHERMAN ROAD (WEST)	28+15/29+75.996	SHERMAN ROAD (WEST)	590	0	109	481	0	0	0	0	0	33	41	440	440	
SHERMAN ROAD (EAST)	30+24.015/31+95	SHERMAN ROAD (EAST)	725	0	83	642	0	0	0	0	0	9	11	631	631	
POLK SPRING CREEK	90+22/95+47	POLK SPRING CREEK	1,672	0	0	1,672	0	0	0	0	0	0	0	1,672	1,672	
DIVISION 1 SUBTOTAL			80,854	3,490	16,419	64,435	875	525	2,792	1,313	4,537	8,684	6,709	57,726	57,726	
GRAND TOTAL			80,854	3,490	16,419	64,435	875	525	2,792	1,313	4,537	8,684	6,709	57,726	57,726	
TOTAL COMMON EXC			84,344													

NOTES:

(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT

(3) EBS EXCAVATION TO BE BACKFILLED WITH BREAKER RUN.

(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL = LENGTH * TYPICAL WIDTH * TYPICAL DEPTH

5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(6) MARSH EXCAVATION - TO BE BACKFILLED WITH BREAKER RUN

(7) NOT USED

(8) REDUCED MARSH IN FILL - EXCAVATED MARSH MATERIAL IS USUABLE IN FILLS OUTSIDE THE 1:1 SLOPE. MARSH IN FILL REDUCTION FACTOR = 0.60

(9) REDUCED EBS IN FILL - EXCAVATED EBS MATERIAL IS USUABLE IN FILLS OUTSIDE THE 1:1 SLOPE. EBS IN FILL REDUCTION FACTOR = 0.80

(10) EXPANDED MARSH BACKFILL - THIS IS TO BE FILLED WITH BREAKER RUN

(11) EXPANDED EBS BACKFILL - THIS IS TO BE FILLED WITH BREAKER RUN

(12) NOT USED

(13) EXPANDED FILL FACTOR = 1.25. EXPANDED FILL = (UNEXPANDED FILL - REDUCED MARSH - REDUCED EBS) * FILL FACTOR

(14) 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.

(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

BREAKER RUN & GEOSYNTHETICS

STATION	LOCATION	311.0110 BREAKER RUN TON	645.0140 GEOTEXTILE TYPE SAS SY
CATEGORY CODE 0010			
UNDISTRIBUTED EBS		6,284	5,550
501+00 - 503+25	LT	288	340
533+50 - 534+75	RT	465	360
545+50 - 546+25	RT	313	300
564+75 - 566+25	LT	510	400
	TOTAL	**7,860**	**6,950**

BREAKER RUN WEIGHT CALCULATIONS BASED ON 1.8 TONS/ CY.

ASPHALTIC ITEMS

STATION - STATION	LOCATION	455.0605 TACK COAT GAL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	460.6424 HMA PAVEMENT 4 MT 58-28 H TON
CATEGORY CODE 0010					
480+27 - 522+00	LT & RT	2,024	5,100	2,130	140
522+00 - 567+00	LT & RT	1,806	4,553	2,020	--
567+00 - 577+00	LT & RT	590	1,487	660	--
	TOTALS	**4,420**	**11,140**	**4,810**	**140**

HMA PAVEMENT WEIGHT CALCULATIONS BASED ON 112 LB/SY/IN.
TACK COAT CALCULATIONS BASED ON 0.050 GAL/SY

ASPHALTIC SURFACE
DRIVEWAYS AND FIELD ENTRANCES

STATION	LOCATION	465.0120 TON
CATEGORY CODE 0010		
481+99	LT	10
486+54	RT	22
493+21	RT	14
494+06	LT	32
494+29	RT	11
497+20	LT	25
517+92	LT	70
539+92	RT	29
567+72	LT	2
568+70	RT	2
568+71	LT	12
569+92	LT	14
570+25 - 571+46	LT	35
570+53 - 572+32	RT	58
572+35	LT	4
572+70	LT	9
575+96	RT	2
576+75	RT	7
28+43	RT	10
29+10	RT	8
31+75	RT	13
	TOTAL	**379**

ASPHALTIC SURFACE WEIGHT CALCULATIONS BASED ON 112 LB/SY/IN.

DRILLED TIE BARS

STATION	LOCATION	416.0610 EACH
CATEGORY CODE 0010		
480+29	LT	3
	TOTAL	**3**

CONCRETE MASONRY ENDWALLS

STATION - STATION	LOCATION	504.0900 CY	COMMENTS
CATEGORY CODE 0010			
545+50	LT	13.0	INLET
545+50	RT	13.0	OUTLET
	TOTAL	**26.0**	

FLUME ITEMS

STATION	LOCATION	465.0315 ASPHALTIC FLUMES SY	602.3010 CONCRETE SURFACE DRAINS CY
CATEGRORY CODE 0010			
505+61	LT	9	--
506+91	LT	12	--
520+78	LT	--	2
521+61	RT	11	--
521+83	LT	11	--
566+40	RT	7	--
567+50	LT	15	--
574+46	LT	--	1
9+16	LT	10	--
9+36	RT	11	--
20+63	LT	6	--
20+87	RT	9	--
30+62	LT	5	--
	TOTAL	**106**	**3**

3

CROSS CULVERT PIPE SUMMARY

STATION	LOCATION	522.0430 CULVERT PIPE REINFORCED CONCRETE CLASS IV 30-INCH LF	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	522.2338 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 38X60-INCH LF	522.2348 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 48X76-INCH LF	522.2368 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 68X106-INCH LF	522.2424 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	522.2429 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 29X45-INCH LF	522.2624 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH EACH	522.2629 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 29X45-INCH EACH	522.2638 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 38X60-INCH EACH	633.5200 MARKERS CULVERT END EACH	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	* JOINT TIES EACH
CATEGORY CODE 0010														
482+28.00	CTH P	64	2	--	--	--	--	--	--	--	--	2	1	12
501+19.04	CTH P	--	--	--	--	--	--	64	--	2	--	1	1	12
501+26.41	CTH P	--	--	--	--	--	--	64	--	2	--	1	1	12
534+25.28	CTH P	--	--	72	--	--	--	--	--	--	2	2	1	12
545+38.17	CTH P	--	--	--	88	--	--	--	--	--	--	1	1	12
545+50.00	CTH P	--	--	--	--	88	--	--	--	--	--	--	1	8
545+61.83	CTH P	--	--	--	88	--	--	--	--	--	--	1	1	8
19+50.23	WESTERN	--	--	--	--	--	72	--	2	--	--	2	1	12
	TOTALS	**64**	**2**	**72**	**176**	**88**	**72**	**128**	**2**	**4**	**2**	**10**	**8**	

*NON-BID ITEM: FOR INFORMATION ONLY

CULVERT PIPE SUMMARY

STATION	LOCATION	521.1018 APRON ENDWALLS FOR CULVERT PIPE STEEL 18-INCH EACH	521.1249 APRON ENDWALLS FOR PIPE ARCH STEEL 49X33-INCH EACH	521.1518 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 18-INCH 6 TO 1 EACH	521.1728 APRON ENDWALLS FOR PIPE ARCH SLOPED SIDE DRAINS STEEL 28X20-INCH 6 TO 1 EACH	521.3118 CULVERT PIPE CORRUGATED STEEL 18-INCH LF	521.3728 PIPE ARCH CORRUGATED STEEL 28X20-INCH LF	521.3749 PIPE ARCH CORRUGATED STEEL 49X33-INCH LF	ALUMINUM THICKNESS (INCHES)	STEEL THICKNESS (INCHES)
CATEGORY CODE 0010										
31+47.00' LT	SHERMAN	--	--	2	--	28	--	--	0.06	0.064
483+20.61' LT	CTH P	2	--	--	--	50	--	--	0.06	0.064
484+98.18' LT	CTH P	2	--	--	--	30	--	--	0.06	0.064
486+54.57' RT	CTH P	2	--	--	--	46	--	--	0.06	0.064
491+60.97' RT	CTH P	--	--	2	--	48	--	--	0.06	0.064
493+21.69' RT	CTH P	--	--	2	--	38	--	--	0.06	0.064
494+04.01' LT	CTH P	2	--	--	--	36	--	--	0.06	0.064
494+27.95' RT	CTH P	--	--	2	--	36	--	--	0.06	0.064
495+63.91' RT	CTH P	--	--	2	--	40	--	--	0.06	0.064
497+18.61' LT	CTH P	--	--	2	--	56	--	--	0.06	0.064
498+76.94' RT	CTH P	1	--	1	--	34	--	--	0.06	0.064
506+24.59' RT	CTH P	2	--	--	--	36	--	--	0.06	0.064
517+91.51' LT	CTH P	--	--	--	2	--	88	--	0.06	0.064
533+21.08' RT	CTH P	--	2	--	--	--	--	32	0.105	0.109
544+54.16' LT	CTH P	2	--	--	--	30	--	--	0.06	0.064
547+33.10' RT	CTH P	2	--	--	--	34	--	--	0.06	0.064
551+38.32' RT	CTH P	--	--	2	--	26	--	--	0.06	0.064
555+50.20' RT	CTH P	--	--	2	--	34	--	--	0.06	0.064
560+62.99' RT	CTH P	--	--	--	2	--	40	--	0.06	0.064
560+73.36' LT	CTH P	--	--	--	2	--	30	--	0.06	0.064
TOTALS		**15**	**2**	**17**	**6**	**602**	**158**	**32**		

*NON-BID ITEM: FOR INFORMATION ONLY

CONCRETE CURB AND GUTTER ITEMS

STATION - STATION	LOCATION	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF
CATEGORY CODE 0010				
480+29 - 482+25	LT	200	--	200
505+61 - 505+99	LT	--	60	60
506+33 - 506+91	LT	--	91	91
520+30 - 520+88	RT	--	93	93
520+54 - 520+92	LT	--	59	59
521+23 - 521+61	RT	--	59	59
521+25 - 521+83	LT	--	91	91
566+40 - 567+00	RT	--	60	60
567+00 - 573+92	RT	--	770	770
567+50 - 573+95	LT	--	788	788
574+27 - 577+00	RT	--	294	294
574+28 - 574+86	LT	--	90	90
TOTALS		**200**	**2,455**	**2,655**

3

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET*	LOCATION	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	611.0530 MANHOLE COVERS TYPE J EACH	611.0627 INLET COVERS TYPE HM EACH	611.0642 INLET COVERS TYPE MS EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	** JOINT TIES EACH
CATEGORY CODE 0010																
101	574+60.00	5.00' LT	CTH P	--	--	77	1	--	--	1	--	--	--	--	1	--
101.1	574+66.38	24.33' RT	CTH P	--	30	--	--	1	--	--	--	--	1	--	1	--
101.2	574+89.49	40.43' LT	CTH P	--	--	46	--	--	1	--	--	--	--	1	1	--
102	573+83.00	5.00' LT	CTH P	--	--	172	1	--	--	--	1	--	--	--	1	--
102.1	573+82.20	36.31' RT	CTH P	--	41	--	--	1	--	--	--	--	1	--	1	--
102.2	573+83.88	35.85' LT	CTH P	--	--	31	--	1	--	--	--	1	--	--	1	--
102.3	29+14.10	28.12' LT	SHERMAN	--	--	75	--	--	1	--	--	--	--	1	1	--
103	572+11.12	5.00' LT	CTH P	--	--	311	1	--	--	1	--	--	--	--	1	--
103.1	572+11.12	19.50' LT	CTH P	--	15	--	--	1	--	--	--	--	1	--	1	--
103.2	572+11.12	24.50' RT	CTH P	--	30	--	--	1	--	--	--	--	1	--	1	--
104	569+00.00	5.00' LT	CTH P	--	--	160	1	--	--	1	--	--	--	--	1	--
104.1	569+00.00	19.50' LT	CTH P	--	15	--	--	1	--	--	--	--	1	--	1	--
104.2	569+00.00	19.50' RT	CTH P	--	25	--	--	1	--	--	--	--	1	--	1	--
105	567+40.00	5.00' LT	CTH P	--	--	33	1	--	--	1	--	--	--	--	1	--
106	567+23.50	33.58' LT	CTH P	1	--	--	--	--	--	--	--	--	--	--	1	6
		TOTALS		**1**	**156**	**905**	**5**	**7**	**2**	**4**	**1**	**1**	**6**	**2**	**15**	

REMARKS:

*STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE

**NON-BID ITEM: FOR INFORMATION ONLY

RIPRAP AND GEOTEXTILE ITEMS

STATION - STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY	SPV.0035.01 ROUNDED RIVER ROCK CY	COMMENTS
CATEGORY CODE 0010					
482+28	RT	6	19	--	CROSS CULVERT
501+18	RT	8	25	--	CROSS CULVERT
534+39	RT	8	24	--	CROSS CULVERT
545+50	RT	10	38	--	CROSS CULVERT
566+34	RT	10	33	--	FLUME
567+10 - 567+47	LT	5	18	--	SS OUTFALL
9+11	RT	3	11	--	CROSS CULVERT
19+50	LT	4	13	--	CROSS CULVERT
90+22 - 90+57	LT & RT	--	133	50	STREAM BEND
91+60 - 92+27	RT	--	129	51	STREAM BEND
92+27 - 92+95	LT	--	129	51	STREAM BEND
93+82 - 94+31	RT	--	98	38	STREAM BEND
94+94 - 95+41	LT & RT	--	164	63	STREAM BEND
UNDISTRIBUTED		16	206	62	
TOTALS		**70**	**1,040**	**315**	

RESTORATION ITEMS

STATION - STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEED MIX NO. 30 LB	630.0140 SEED MIX NO. 40 LB	630.0160 SEED MIX NO. 60 LB	630.0500 SEED WATER MGAL
CATEGORY CODE 0010										
480+27 - 486+00	RT	1,388	903	485	--	0.9	85	--	--	43
480+29 - 483+20	LT	496	441	55	--	0.3	--	10	--	13
483+20 - 493+75	LT	2,910	2,081	829	--	1.7	171	--	--	85
486+00 - 488+50	RT	1,024	848	176	--	0.6	--	22	--	28
488+50 - 493+00	RT	1,319	969	350	--	0.8	76	--	--	38
493+00 - 498+75	RT	1,065	423	642	--	0.7	--	27	--	34
493+75 - 495+35	LT	232	130	102	--	0.1	--	6	--	8
495+35 - 496+60	LT	255	56	199	--	0.2	16	--	--	8
496+60 - 499+20	LT	403	189	214	--	0.3	--	11	--	13
498+75 - 521+08	RT	4,896	2,667	2,229	--	3.1	306	--	--	153
499+20 - 506+16	LT	1,644	1,089	555	--	1.0	99	--	--	50
506+16 - 511+10	LT	1,476	1,052	424	--	0.8	83	--	--	41
511+10 - 521+08	LT	2,629	1,125	1,504	--	1.6	--	62	--	77
521+08 - 522+00	RT	234	156	78	--	0.1	12	--	--	6
521+08 - 522+00	LT	215	140	75	--	0.1	13	--	--	6
522+00 - 539+45	RT	4,684	1,466	3,218	--	2.8	278	--	--	139
522+00 - 567+50	LT	12,151	4,450	7,701	--	7.2	722	--	--	360
539+45 - 540+40	RT	732	383	349	--	0.4	--	14	--	18
540+40 - 568+50	RT	6,080	3,042	3,038	--	3.7	372	--	--	186
567+00 - 568+50	RT	136	136	--	--	0.1	6	--	--	3
567+00 - 567+50	LT	117	88	29	--	0.1	7	--	--	4
567+50 - 574+12	LT	745	--	--	745	0.3	--	13	--	17
568+50 - 574+12	RT	636	91	--	545	0.3	--	12	--	14
574+12 - 577+00	RT	424	104	72	248	0.2	--	8	--	10
574+12 - 577+00	LT	703	185	518	--	0.4	--	16	--	20
90+22 - 95+47	LT & RT	1,069	--	--	1,069	--	--	--	21.3	36
UNDISTRIBUTED		11,937	5,536	5,708	643	6.2	564	50	4.7	350
TOTALS		**59,600**	**27,750**	**28,550**	**3,250**	**34.0**	**2,810**	**251**	**26.0**	**1,760**

NOTES: DO NOT APPLY FERTILIZER WITHIN 20 FEET OF A BODY OF WATER OR WETLAND

DRAIN TILE EXPLORATION ITEMS

LOCATION	612.0106 PIPE UNDERDRAIN 6-INCH LF	612.0112 PIPE UNDERDRAIN 12-INCH LF	612.0700 DRAIN TILE EXPLORATION LF
CATEGORY CODE 0010			
UNDISTRIBUTED EXPLORATION	--	--	400
UNDISTRIBUTED RECONNECTIONS	30	20	--
TOTALS	**30**	**20**	**400**

PIPE UNDERDRAIN ITEMS

STATION	LOCATION	310.0110 BASE AGGREGATE OPEN-GRADED TON	612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH LF	645.0111 GEOTEXTILE TYPE DF SCHEDULE A SY
CATEGORY CODE 0010				
566+35 - 568+60	RT	13	220	110
TOTALS		**13**	**220**	**110**

3

EROSION CONTROL ITEMS

STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7560 TRACKING PADS EACH	628.7570 ROCK BAGS EACH
CATEGORY CODE 0010												
PROJECT 2711-06-70		--	--	--	--	--	--	--	--	--	--	--
479+99 - 521+08	RT	--	--	--	--	--	--	--	288	14	--	165
482+28 - 506+16	LT	--	--	--	--	--	--	--	180	33	--	45
506+16 - 521+08	LT	--	--	--	--	--	--	--	144	15	--	45
521+08 - 522+00	RT	126	126	--	--	--	--	--	--	--	--	17
521+08 - 522+00	LT	64	64	--	--	--	--	--	36	--	--	--
522+00 - 566+00	RT	108	108	--	--	--	--	--	324	18	--	272
522+00 - 561+10	LT	--	--	--	--	--	--	--	288	17	--	195
566+30	LT	--	--	--	--	--	--	--	--	--	--	15
569+00	LT & RT	--	--	--	--	--	--	2	--	--	--	--
572+11	LT & RT	--	--	--	--	--	--	2	--	--	--	--
573+82	RT	--	--	--	--	--	--	1	--	--	--	--
573+84	LT	--	--	--	--	--	--	1	--	--	--	--
574+66	RT	--	--	--	--	--	--	1	--	--	--	--
574+89	LT	--	--	--	--	1	1	--	--	--	--	--
576+35	LT	--	--	--	--	--	--	--	12	--	--	--
29+14	LT	--	--	--	--	1	1	--	--	--	--	--
31+29 - 31+95	LT	--	--	--	--	--	--	--	12	2	--	--
UNDISTRIBUTED		72	72	10	6	--	--	--	321	26	4	191
	TOTALS	**370**	**370**	**10**	**6**	**2**	**2**	**7**	**1,605**	**125**	**4**	**945**

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SIGNING ITEMS

SIGN NUMBER	EXISTING STATION	EXISTING LOCATION	PROPOSED STATION	PROPOSED LOCATION	ROADWAY	SIGN CODE	SIZE	634.0614 POSTS WOOD 4X6X14 EACH	634.0616 POSTS WOOD 4X6X16 EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	COMMENTS
CATEGORY CODE 0010																
101	480+27	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
102	--	--	480+30	LT	CTH P	J3-2	48X57	--	1	19.00	--	--	--	--	--	M3-1; M1-6 [145]; M6-1 [LEFT] / M3-3; M1-6 [145]; M6-1 [RIGHT]
103	481+06	RT	481+00	RT	CTH P	D2-1	---	2	--	--	--	1	--	2	--	WEST BEND 10
104	481+90	RT	482+00	RT	CTH P	R2-1	24X30	1	--	5.00	--	--	1	1	--	45 MPH
105	483+01	LT	482+85	LT	CTH P	D4-2-R	30X36	--	1	7.50	--	--	1	1	--	--
106	483+06	RT	483+00	RT	CTH P	J4-1	24X36	--	1	6.00	--	--	1	1	--	M2-1; M1-6 [145] / M4-6; M1-5A [P]
107	484+12	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
108	490+17	LT	484+00	LT	CTH P	J1-2	48X39	--	1	13.00	--	--	1	1	--	M3-1; M1-5A [P]
109	487+69	LT	487+50	LT	CTH P	W3-1	36X36	--	1	--	9.00	--	1	1	--	--
110	487+67	RT	487+50	RT	CTH P	W3-1	36X36	--	1	--	9.00	--	1	1	--	--
201	9+42	RT	9+36	RT	PRIVATE ROAD	R1-1	30X30	1	--	5.18	--	--	1	1	--	--
202	8+80	LT	8+80	LT	PRIVATE ROAD	W14-1	30X30	--	1	--	6.25	--	1	1	--	--
301	508+48	RT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
302	510+95	RT	511+00	RT	CTH P	W2-1	30X30	--	1	--	6.25	--	1	1	--	--
303	519+05	LT	519+00	LT	CTH P	R2-1	24X30	1	--	5.00	--	--	1	1	--	45 MPH
304	19+58	RT	19+37	RT	WESTERN AVENUE	R1-1	30X30	1	--	5.18	--	--	1	1	--	--
305	19+59	LT	--	--	WESTERN AVENUE	--	---	--	--	--	--	--	1	1	--	--
306	20+51	LT	20+63	LT	WESTERN AVENUE	R1-1	30X30	1	--	5.18	--	--	1	1	--	--
307	521+44	RT	521+44	RT	CTH P	--	---	--	--	--	--	1	--	--	1	ST. JOHN'S CHURCH
308	521+53	RT	521+53	RT	CTH P	--	---	--	--	--	--	1	--	--	1	JACKSON HISTORIC SOCIETY
309	521+43	LT	521+49	LT	CTH P / WESTERN AVENUE	--	---	--	--	--	--	1	--	--	1	STREET NAME SIGNS
401	523+31	RT	523+25	RT	CTH P	R2-1	24X30	1	--	5.00	--	--	1	1	--	45 MPH
402	--	--	531+00	LT	CTH P	W2-1	30X30	--	1	--	6.25	--	--	--	--	--
403	534+14	RT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
404	534+50	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
						SHEET SUBTOTALS		8	9	76.04	36.75	4	19	21	3	

3

SIGNING ITEMS CONTINUED

SIGN NUMBER	EXISTING STATION	EXISTING LOCATION	PROPOSED STATION	PROPOSED LOCATION	ROADWAY	SIGN CODE	SIZE	634.0614 POSTS WOOD 4X6X14 EACH	634.0616 POSTS WOOD 4X6X16 EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	COMMENTS
CATEGORY CODE 0010																
501	545+31	RT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
502	545+99	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
503	551+20	RT	551+20	RT	CTH P	--	---	--	--	--	--	--	1	1	--	--
601	564+65	RT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
602	564+81	RT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
603	--	--	566+40	RT	CTH P	R7-1L	18X24	1	--	3.00	--	--	--	--	--	--
604	566+68	RT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
605	566+74	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
606	567+02	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
607	--	--	567+50	LT	CTH P	R7-1R	18X24	1	--	3.00	--	--	--	--	--	--
608	567+91	RT	567+90	RT	CTH P	W2-1	30X30	--	1	--	6.25	--	1	1	--	--
701	569+43	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
702	569+34	RT	570+20	RT	CTH P	R7-1D	18X24	1	--	3.00	--	--	1	1	--	--
703	--	--	570+20	LT	CTH P	R7-1D	18X24	1	--	3.00	--	--	--	--	--	--
704	571+49	RT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
705	--	--	572+00	LT	CTH P	R2-1	24X30	1	--	5.00	--	--	--	--	--	45 MPH
706	572+03	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
707	573+51	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
708	--	--	573+56	LT	CTH P	R7-1L	18X24	1	--	3.00	--	--	--	--	--	--
709	573+62	LT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
710	--	--	573+54	RT	CTH P	R7-1R	18X24	1	--	3.00	--	--	--	--	--	--
711	573+63	RT	--	--	CTH P	--	---	--	--	--	--	--	1	1	--	--
712	30+44	RT	--	--	SHERMAN ROAD	--	---	--	--	--	--	--	1	1	--	--
713	29+56	RT	29+36	RT	SHERMAN ROAD	R1-1	30X30	1	--	5.18	--	--	1	1	--	--
714	30+28	LT	30+62	LT	SHERMAN ROAD	R1-1	30X30	1	--	5.18	--	--	1	1	--	--
715	575+11	RT	575+50	RT	CTH P	R2-1	24X30	1	--	5.00	--	--	1	1	--	45 MPH
716	574+43	LT	574+55	LT	CTH P / SHERMAN ROAD	--	---	--	--	--	--	1	--	--	1	STREET NAME SIGNS
						SHEET SUBTOTALS		10	1	38.36	6.25	1	20	20	1	
						TOTALS		**18**	**10**	**114.40**	**43.00**	**5**	**39**	**41**	**4**	

TRAFFIC CONTROL ITEMS

	NUMBER OF DAYS IN SERVICE	643.0420 TRAFFIC CONTROL BARRICADES TYPE III		643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A		643.0900 TRAFFIC CONTROL SIGNS		643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II			643.1050 TRAFFIC CONTROL SIGNS PCMS			643.5000 TRAFFIC CONTROL
		NO. REQ'D	TOTAL DAY	*NO. REQ'D*	TOTAL DAY	*NO. REQ'D*	TOTAL DAY	*NO. CYCLES*	*NO. SIGNS*	TOTAL EACH	*NO. REQ'D*	*NO. DAYS*	TOTAL DAY	EACH
CATEGORY CODE 0010														
PROJECT 2711-06-70	166	--	--	--	--	--	--	--	--	--	--	--	--	1
SOUTH PROJECT LIMITS	166	*2*	332	*4*	664	*2*	332	--	--	--	*1*	*7*	7	--
NORTH PROJECT LIMITS	166	*2*	332	*4*	664	*2*	332	--	--	--	*1*	*7*	7	--
WESTERN AVENUE - CLOSED TO THRU TRAFFIC	83	*2*	166	*4*	332	*6*	498	--	--	--	--	--	--	--
WESTERN AVENUE - OPEN TO THRU TRAFFIC	83	*4*	332	*8*	664	*4*	332	--	--	--	--	--	--	--
SHERMAN ROAD - CLOSED TO THRU TRAFFIC	83	*2*	166	*4*	332	*6*	498	--	--	--	--	--	--	--
SHERMAN ROAD - OPEN TO THRU TRAFFIC	83	*4*	332	*8*	664	*4*	332	--	--	--	--	--	--	--
DETOUR	166	--	--	--	--	*205*	9,462	*1*	*3*	1	--	--	--	--
	TOTALS		**1,660**		**3,320**		**11,786**			**1**			**14**	**1**

PAVEMENT MARKING ITEMS

		646.1020 MARKING LINE EPOXY 4-INCH		646.3020 MARKING LINE EPOXY 8-INCH	646.5020 MARKING ARROW EPOXY	646.5120 MARKING WORD EPOXY	646.6120 MARKING STOP LINE EPOXY 18-INCH	
		WHITE	YELLOW	WHITE	WHITE	WHITE	WHITE	
STATION - STATION	LOCATION	LF	LF	LF	EACH	EACH	LF	COMMENTS
CATEGORY CODE 0010								
480+27 - 522+00	LT & RT	7,698	4,085	348	1	1	--	--
522+00 - 567+00	LT & RT	9,060	1,125	151	--	--	--	--
567+00 - 577+00	LT & RT	1,762	1,913	301	--	--	--	--
18+50 - 19+72	LT & RT	--	244	--	--	--	29	WESTERN AVENUE
20+28 - 21+50	LT & RT	--	244	--	--	--	29	WESTERN AVENUE
28+20 - 29+72	LT & RT	219	304	--	--	--	30	SHERMAN ROAD
30+28 - 31+95	LT & RT	262	334	--	--	--	28	SHERMAN ROAD
		19,001	8,249					
	TOTALS	**27,250**		**800**	**1**	**1**	**116**	

LOCATING NO-PASSING ZONES

STATION - STATION	648.0100 MI
CATEGORY CODE 0010	
480+27 - 522+00	0.79
522+00 - 567+00	0.85
567+00 - 577+00	0.19
TOTALS	**1.83**

CLAY TRENCH DAMS

STATION	LOCATION	SPV.0060.02 EACH	COMMENTS
CATEGORY CODE 0010			
572+25	LT	1	STORM SEWER TRENCH
573+83	LT	1	STORM SEWER TRENCH
574+05	LT	1	STORM SEWER TRENCH
TOTAL		**3**	

INSTALLING AND MAINTAINING BIRD DETERRENT SYSTEM

LOCATION	999.2000.S EACH	COMMENTS
CATEGORY CODE 0010		
566+00	1	BOX CULVERT CONSTRUCTION
TOTAL	**1**	

STREAM NATURAL SUBSTRATE

STATION	LOCATION	SPV.0035.02 STREAM NATURAL SUBSTRATE CY	COMMENTS
CATEGORY CODE 0010			
90+22 - 95+47	LT & RT	156	STREAM RELOCATION
TOTAL		**156**	

CONSTRUCTION STAKING ITEMS

STATION - STATION	LOCATION	650.4500 SUBGRADE LF	650.5000 BASE LF	650.6501 STRUCTURE LAYOUT EACH	650.9911 SUPPLEMENTAL CONTROL EACH	650.9920 SLOPE STAKES LF
CATEGORY CODE 0010						
PROJECT 2711-06-70		--	--	--	1	--
480+27 - 522+00	LT & RT	4,173	4,173	--	--	4,173
522+00 - 567+00	LT & RT	4,500	4,500	--	--	4,500
567+00 - 577+00	LT & RT	1,000	1,000	--	--	1,000
8+50 - 10+00	LT & RT	150	150	--	--	150
18+50 - 21+50	LT & RT	300	300	--	--	300
28+20 - 31+95	LT & RT	375	375	--	--	375
CATEGORY CODE 0010 SUBTOTALS		10,498	10,498	--	1	10,498
CATEGORY CODE 0020						
B-66-0094		--	--	1	--	--
CATEGORY CODE 0020 SUBTOTALS		--	--	1	--	--
TOTALS		**10,498**	**10,498**	**1**	**1**	**10,498**

STAKING ITEMS FOR STORM SEWER, CURB & GUTTER, AND PIPE CULVERTS SHOWN ELSEWHERE

SAWING PAVEMENT ITEMS

STATION - STATION	LOCATION	690.0150 ASPHALT LF	690.0250 CONCRETE LF	COMMENTS
CATEGORY CODE 0010				
480+27	LT & RT	--	56	CTH P
486+54	RT	19	--	DRIVEWAY
493+21	RT	17	--	DRIVEWAY
494+06	LT	22	--	DRIVEWAY
494+29	RT	12	--	DRIVEWAY
497+20	LT	34	--	DRIVEWAY
517+92	LT	49	3	DRIVEWAY
568+71	LT	40	--	DRIVEWAY
569+92	LT	51	--	DRIVEWAY
570+32 - 571+33	LT	101	--	DRIVEWAY
570+53 - 572+32	RT	187	--	DRIVEWAY
572+30 - 573+39	LT	226	--	DRIVEWAY
576+75	RT	19	--	DRIVEWAY
577+00	LT & RT	28	--	CTH P
8+50	LT & RT	24	--	PRIVATE ROAD
18+50	LT & RT	23	--	WESTERAN AVENUE
21+50	LT & RT	24	--	WESTERAN AVENUE
28+20	LT & RT	24	--	SHERMAN ROAD
28+43	RT	23	--	DRIVEWAY
31+75	RT	18	--	DRIVEWAY
31+95	LT & RT	24	--	SHERMAN ROAD
81+65	RT	12	--	DRIVEWAY
TOTALS		**977**	**59**	

STORM SEWER LATERAL ITEMS

STATION	LOCATION	SPV.0090.01 LF
CATEGORY CODE 0010		
570+29	LT	31
572+11	LT	17
TOTAL		**48**

RELOCATE GATE

EXISTING STATION	EXISTING LOCATION	PROPOSED STATION	PROPOSED LOCATION	SPV.0060.01 EACH	COMMENTS
CATEGORY CODE 0010					
9+38	LT & RT	8+55	LT & RT	1	PRIVATE ROAD
TOTAL				**1**	

PROJECT ITEMS

PROJECT	213.0100 FINISHING ROADWAY (PROJECT) EACH	460.9000.S MATERIAL TRANSFER VEHICLE EACH	618.0100 MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) EACH	619.1000 MOBILIZATION EACH	642.5001 FIELD OFFICE TYPE B EACH
CATEGORY CODE 0010					
2711-06-70	1	1	--	1	1
CATEGORY CODE 0010 SUBTOTALS	1	1	--	1	1
CATEGORY CODE 0030					
2711-06-70	--	--	1	--	--
CATEGORY CODE 0030 SUBTOTALS	--	--	1	--	--
TOTALS	**1**	**1**	**1**	**1**	**1**

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W LINE
PROPERTY LINE
LOT, TIE, AND OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
FEE ACQUISITION AREA (HATCHING VARIES BY OWNER)
TEMP. LIMITED EASEMENT AREA
EASEMENT AREA (HIGHWAY, PERMANENT LIMITED, OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
BUILDING (TO BE REMOVED)
BRIDGE

PARCEL NUMBER (25)
UTILITY NUMBER (40)
SECTION CORNER
NOTATION FOR COMBUSTABLE FLUIDS (CAUTION)
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES (CAUTION)
R/W MONUMENT
NON-MONUMENTED R/W POINT
FOUND IRON PIN (IP)
VALVE (GAS, WATER, ETC.) (TYPE)
SIGN
OFF-PREMISE SIGN (#1-25)

ACCESS CONTROLLED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
NATIONAL GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
PARALLEL OFFSETS

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
ELECTRIC TOWER	

	NON-COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

CURVE DATA ABBREVIATIONS

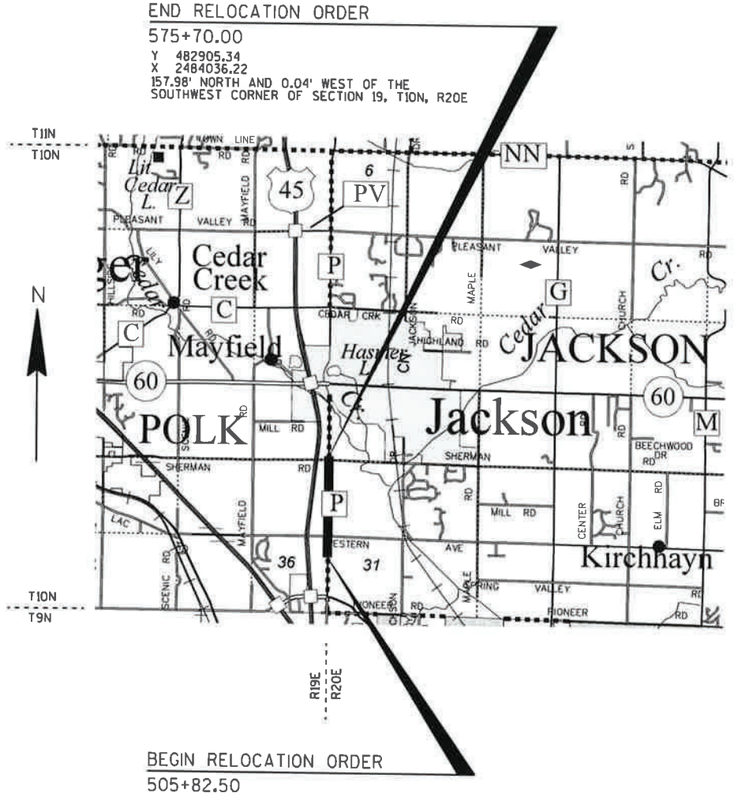
LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	OUTLOT	OL
ACRES	AC	PAGE	P
AHEAD	AH	POINT OF TANGENCY	PT
ALUMINUM	ALUM	PROPERTY LINE	PL
AND OTHERS	ET AL	RECORDED AS	(100')
BACK	BK	REEL / IMAGE	R/I
BLOCK	BLK	REFERENCE LINE	R/L
CENTERLINE	C/L	PERMANENT LIMITED EASEMENT	PLE
CERTIFIED SURVEY MAP	CSM	POINT OF BEGINNING	POB
CONCRETE	CONC	POINT OF CURVATURE	PC
COUNTY	CO	POINT OF COMPOUND CURVE	PCC
COUNTY TRUNK HIGHWAY	CTH	POINT OF INTERSECTION	PI
DISTANCE	DIST	REMAINING	REM
CORNER	COR	RESTRICTIVE DEVELOPMENT EASEMENT	RDE
DOCUMENT NUMBER	DOC	RIGHT	RT
EASEMENT	EASE	RIGHT OF WAY	R/W
EXISTING	EX	SECTION	SEC
GAS VALVE	GV	SEPTIC VENT	SEPV
GRID NORTH	GN	SQUARE FEET	SF
HIGHWAY EASEMENT	HE	STATE TRUNK HIGHWAY	STH
IDENTIFICATION	ID	STATION	STA
LAND CONTRACT	LC	TELEPHONE PEDESTAL	TP
LEFT	LT	TEMPORARY LIMITED EASEMENT	TLE
MONUMENT	MON	TRANSPORTATION PROJECT PLAT	TPP
NATIONAL GEODETIC SURVEY NUMBER	NGS	UNITED STATES HIGHWAY	USH
	NO	VOLUME	V

REVISED: 12/8/2022

END RELOCATION ORDER
575+70.00
Y 482905.34
X 2484036.22
157.98' NORTH AND 0.04' WEST OF THE SOUTHWEST CORNER OF SECTION 19, T10N, R20E



BEGIN RELOCATION ORDER
505+82.50
Y 475919.75
X 2484197.40
1134.71' NORTH AND 16.76' WEST OF THE EAST QUARTER CORNER OF SECTION 36, T10N, R19E

LAYOUT
SCALE 0 2 MI.

TOTAL NET LENGTH OF CENTERLINE = 1.323 MI.

R/W PROJECT NUMBER 2711-06-00	SHEET NUMBER	TOTAL SHEETS
R/W PROJECT NUMBER 2711-06-00	4.01	7

PLAT OF RIGHT OF WAY REQUIRED FOR

CTH P
STH 145 - SHERMAN ROAD

LOCAL STREET	WASHINGTON COUNTY

CONSTRUCTION PROJECT NUMBER
2711-06-70

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM (WSPCS), SOUTH ZONE, NAD27 IN US SURVEY FEET. ALL COORDINATES AND DISTANCES SHOWN ON THIS PLAT ARE GROUND VALUES. TO CONVERT FROM NORTH GROUND COORDINATES TO NORTH GRID COORDINATES, MULTIPLY BY A FACTOR OF 0.999887663. TO CONVERT FROM EAST GROUND COORDINATES TO EAST GRID COORDINATES, SUBTRACT 2,000,000 AND MULTIPLY RESULT BY A FACTOR OF 0.99988511, AND THEN ADD 2,000,000.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 1" X 24" IRON PIPES), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, CENTERLINE OF EXISTING PAVEMENTS AND/OR EXISTING OCCUPATIONAL LINES.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER SURVEYS OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A RESTRICTED DEVELOPMENT EASEMENT (RDE) IS AN EASEMENT FOR THE PURPOSE OF MAINTAINING A VISION CLEARANCE AREA. THE OWNERS, FOR THEMSELVES, HEIRS, EXECUTORS, SUCCESSORS, AND ASSIGNS, ARE HEREBY PROHIBITED FROM PLACING, ERECTING, CONSTRUCTING, OR MAINTAINING ANY OUTDOOR ADVERTISING SIGNS, STRUCTURES, BUILDINGS, OR APPURTENANCES OF A TEMPORARY OR PERMANENT NATURE. THE PARKING OF VEHICLES AND STORAGE OF EQUIPMENT IS LIKEWISE PROHIBITED. NO VEGETATION SHALL BE PLANTED, MAINTAINED, OR PERMITTED TO GROW BETWEEN A HEIGHT OF 2 FEET AND 12 FEET ABOVE THE CENTERLINE ELEVATION OF THE ADJACENT HIGHWAYS. THIS REGULATION SHALL NOT APPLY TO THE TRUNKS OF DECIDUOUS TREES, UTILITY POLES, POSTS NOT OVER 6 INCHES SQUARE OR IN DIAMETER, RETAINING WALLS USED TO SUPPORT GROUND AT OR BELOW ITS NATURAL LEVEL, OR WIRE FENCES. NOTHING SHALL BE PLANTED, PLACED, CONSTRUCTED, OR MAINTAINED SO AS TO CONSTITUTE A SUBSTANTIAL OBSTRUCTION TO THE VIEW OF MOTORISTS ACROSS THE VISION CLEARANCE OPENING BETWEEN THE ADJACENT HIGHWAYS. THE RESTRICTED DEVELOPMENT AREA REMAINS PRIVATE LAND SUBJECT TO THIS EASEMENT, AND DOES NOT, BY OPERATION OF THIS EASEMENT, BECOME SUBJECT TO PUBLIC USE. IN THE EVENT OF ANY VIOLATION OF THE ABOVE CONDITIONS, THE GRANTEE SHALL HAVE THE RIGHT TO ENTER SAID EASEMENT AREA AND TAKE WHATEVER REASONABLE ACTION AS MAY BE NECESSARY TO REMOVE SAID VIOLATION AND PREVENT A RECURRENCE OF THE SAME.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN WAUKESHA.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE DETAIL PAGES.

CAUTION:

THIS PLAT IS FOR ILLUSTRATIVE PURPOSES ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES.

ACCEPTED FOR
WASHINGTON COUNTY
Date 6/11/23
SCOTT SCHMIDT
CHIEF PUBLIC WORKS OFFICER

ORIGINAL PLAT PREPARED BY
GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac
85 South Pioneer Road, Suite 300 • Fond du Lac, WI 54935
(920) 924-5720 • fax (920) 924-5725
12/8/22
DATE
JAY W. PANETTI, PLS

WISCONSIN
JAY W. PANETTI
S-2747
WAUPUN, WI
LAND SURVEYOR

REVISION DATE

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\RW\DWG\2711062O\040101-RP.DWG
PLOT DATE : 12/7/2022 8:25 AM
PLOT BY : JAY PANETTI
PLOT NAME :

SCHEDULE OF LANDS & INTERESTS REQUIRED

AREAS SHOWN IN THE TOTAL ACRES COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED. OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT.

PARCEL NUMBER	SHEET NUMBER	OWNER(S)	INTEREST REQUIRED	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	R.D.E. ACRES PERM.	T.L.E. ACRES TEMP.	TAX KEY NUMBER
8	4.04	HOFFMANN BROS. REALTY, LLC	TLE	0	0	0	0	0.070	T9_104800H
14	4.05	TIMOTHY A. TRAPP AND GAIL A. TRAPP, TRUSTEES OF THE TIM AND GAIL TRAPP LIVING TRUST DATED AUGUST 9, 2006	TLE	0	0	0	0	0.014	T7_078100H
16	4.05	JOHN REINKE AND JENNIFER REINKE	TLE	0	0	0	0	0.140	T7_078100J
21	4.06	MARK A. HAUSER	TLE	0	0	0	0	0.021	T7_077600C
22	4.06	PATRICIA HAUSER	FEE, TLE	0.189	0	0.189	0	0.134	T9_076800Y
29	4.06	ALLAN M. BAUMGARTNER AND LORI A. BAUMGARTNER	RDE	0	0	0	0.011	0	T7_0777
32	4.07	JUST NEIGHBORS 2, LLC	FEE, RDE	0.003	0.052	0.055	0.008	0	T7_052200A
170	4.07	AT&T WISCONSIN	RELEASE OF RIGHTS						

4

4

REVISED: 12/8/2022

SHEET 2 OF 7 SHEETS

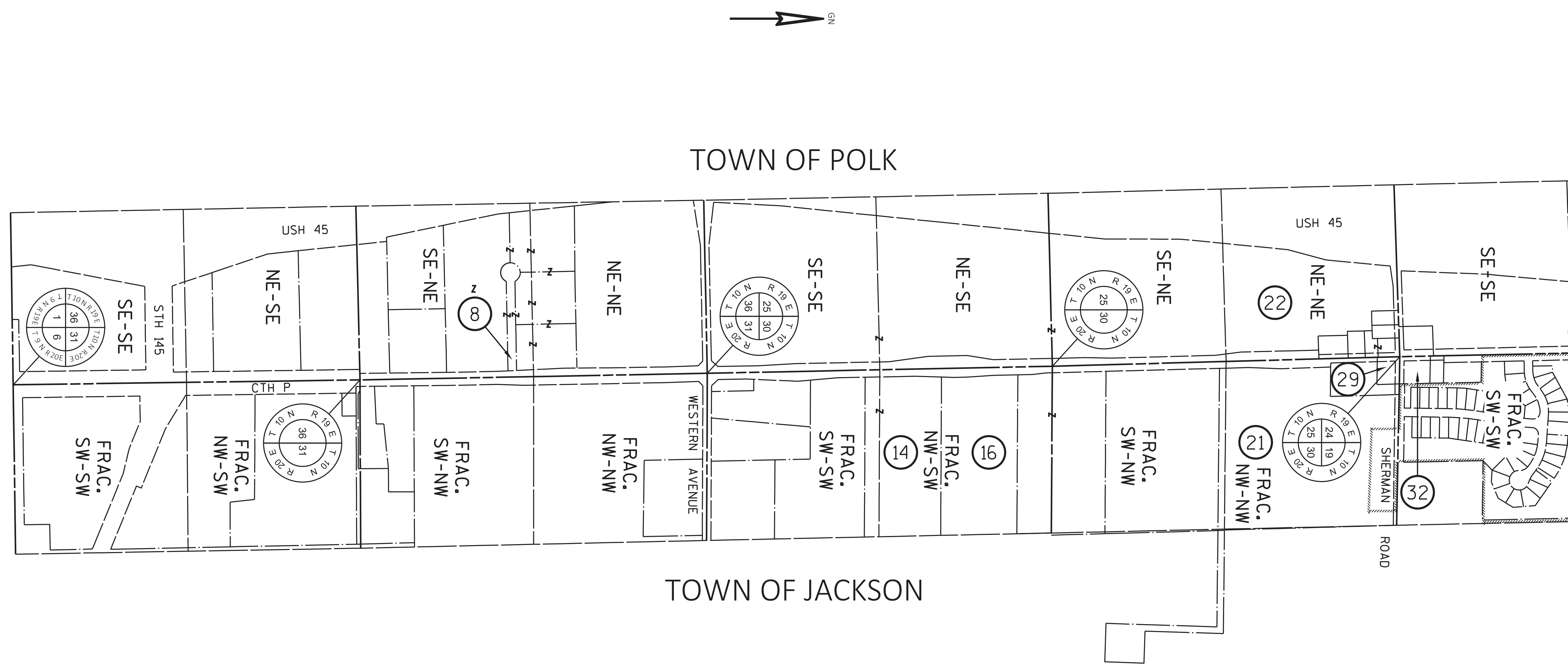
REVISION DATE	DATE 12/15/2022	SCALE, FEET 0	HWY: CTH P	STATE R/W PROJECT NUMBER 2711-06-00
	GRID FACTOR		COUNTY: WASHINGTON	CONSTRUCTION PROJECT NUMBER 2711-06-70

PLAT SHEET 4.02

PS&E SHEET _____ E

FILE NAME : 040102-RP.DWG
LAYOUT NAME - RW 1 IN 100 FT

PLOT DATE : 12/7/2022 8:17 AM PLOT BY : JAY PANETTI PLOT NAME : PLOT SCALE : 1 IN:100 FT



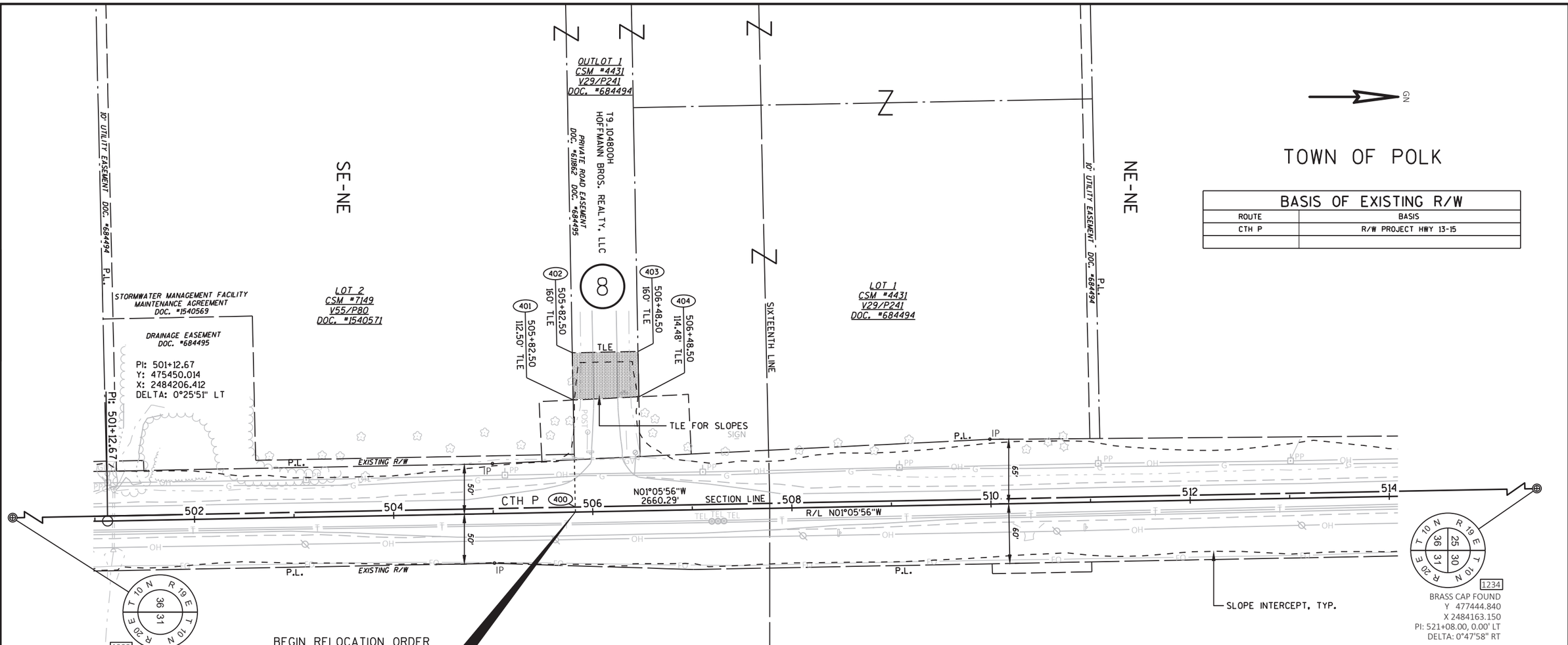
4

4

SHEET 3 OF 7 SHEETS

REVISED: 12/8/2022

REVISION DATE	DATE 12/15/2022	SCALE, FEET 0 400 800	HWY: CTH P	STATE R/W PROJECT NUMBER 2711-06-00	PLAT SHEET 4.03
	GRID FACTOR		COUNTY: WASHINGTON	CONSTRUCTION PROJECT NUMBER 2711-06-70	PS&E SHEET	E



4

4

COURSE TABLE - PARCEL 8

FROM POINT	TO POINT	BEARING	DISTANCE
1233	400	N01°05'56"W	1134.83'
400	401	S88°54'04"W	107.50'
401	402	S88°54'04"W	47.50'
402	403	N01°05'56"W	66.00'
403	404	N88°54'04"E	45.52'
404	401	S02°49'01"E	66.03'

COORDINATE TABLE

POINT	NORTH	EAST
1233	474785.0410	2484214.1650
1234	477444.8400	2484163.1500
400	475919.6579	2484192.4030
401	475917.5960	2484084.9206
402	475916.6851	2484037.4320
403	475982.6734	2484036.1663
404	475983.5463	2484081.6756

FRAC. SW-NW

SIXTEENTH LINE

FRAC. NW-NW

TOWN OF JACKSON

SHEET 4 OF 7 SHEETS

REVISED: 12/8/2022

REVISION DATE	DATE 12/15/2022	SCALE, FEET 0 50 100	HWY: CTH P	STATE R/W PROJECT NUMBER 2711-06-00	PLAT SHEET 4.04	
	GRID FACTOR		COUNTY: WASHINGTON	CONSTRUCTION PROJECT NUMBER 2711-06-70	PS&E SHEET	E

FILE NAME : 040104-RP.DWG
LAYOUT NAME - RW 1 IN 100 FT

PLOT DATE : 12/7/2022 7:50 AM PLOT BY : JAY PANETTI PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 75

SE-SE

SIXTEENTH LINE

NE-SE

QUARTER LINE

4

COORDINATE TABLE

POINT	NORTH	EAST
1218	480086.7570	2484109.3530
1234	477444.8400	2484163.1500
410	479376.4386	2484123.8171
411	479377.8637	2484193.8027
412	479378.3727	2484218.7983
413	479358.6822	2484234.2023
414	479359.7001	2484284.1920
415	479340.0096	2484299.5960
416	479283.2906	2484215.7334
417	479282.8274	2484192.9873
418	479337.8730	2484194.6170
420	478886.5402	2484133.7929
421	478887.6599	2484188.7818
422	478887.8635	2484198.7802
423	478837.8738	2484199.7981
424	478812.6754	2484190.3086

COURSE TABLE - PARCEL 14

FROM POINT	TO POINT	BEARING	DISTANCE
1218	420	S01°10'00"E	1200.47'
420	421	N88°50'00"E	55.00'
421	422	N88°50'00"E	10.00'
422	423	S01°10'00"E	50.00'
423	424	S20°38'09"W	26.93'
424	421	N01°10'00"W	75.00'

COURSE TABLE - PARCEL 16

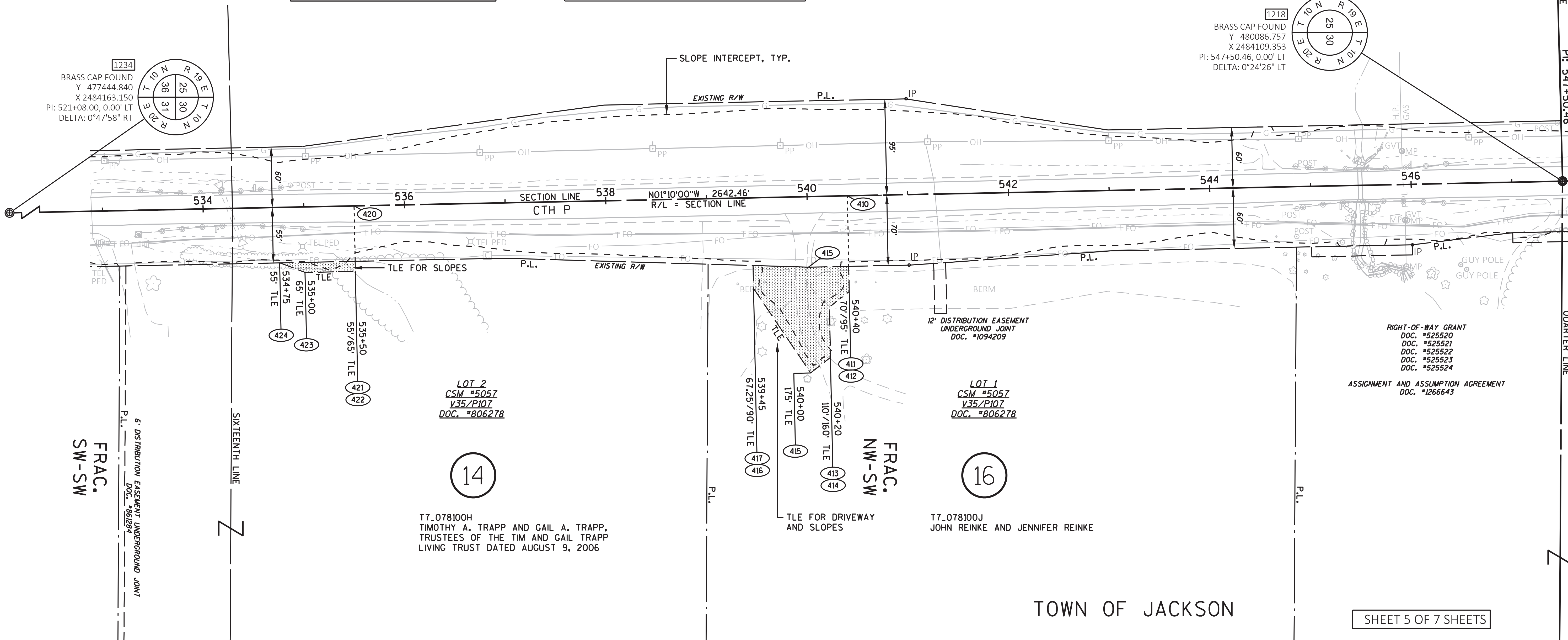
FROM POINT	TO POINT	BEARING	DISTANCE
1218	410	S01°10'00"E	710.47'
410	411	N88°50'00"E	70.00'
411	412	N88°50'00"E	25.00'
412	413	S38°02'11"E	25.00'
413	414	N88°50'00"E	50.00'
414	415	S38°02'11"E	25.00'
415	416	S55°55'42"W	101.24'
416	417	S88°50'00"W	22.75'
417	418	N01°41'45"E	55.07'
418	411	N01°10'00"W	40.00'

GN

TOWN OF POLK

BASIS OF EXISTING R/W	
ROUTE	BASIS
CTH P	R/W PROJECT HWY 13-15

4



TOWN OF JACKSON

SHEET 5 OF 7 SHEETS

REVISED: 12/8/2022

REVISION DATE	DATE 12/15/2022	SCALE, FEET 0 50 100	HWY: CTH P	STATE R/W PROJECT NUMBER 2711-06-00	PLAT SHEET 4.05	
	GRID FACTOR		COUNTY: WASHINGTON	CONSTRUCTION PROJECT NUMBER 2711-06-70	PS&E SHEET	E

COORDINATE TABLE

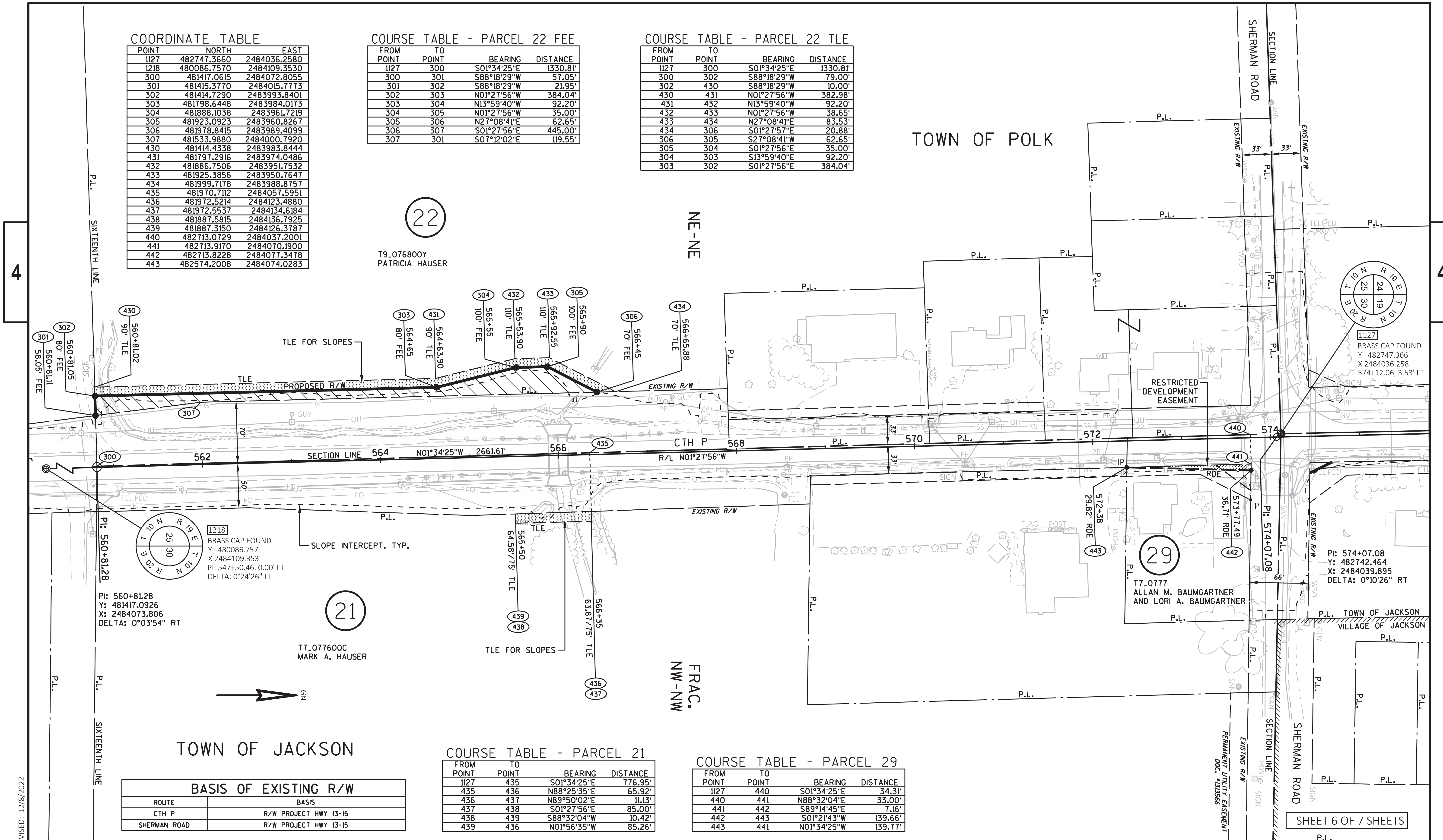
POINT	NORTH	EAST
1127	482747.3660	2484036.2580
1218	480086.7570	2484109.3530
300	481417.0615	2484072.8055
301	481415.3770	2484015.7773
302	481414.7290	2483993.8401
303	481798.6448	2483984.0173
304	481888.1038	2483961.7219
305	481923.0923	2483960.8267
306	481978.8415	2483989.4099
307	481533.9880	2484000.7920
430	481414.4338	2483983.8444
431	481797.2916	2483974.0486
432	481886.7506	2483951.7532
433	481925.3856	2483950.7647
434	481999.7178	2483988.8757
435	481970.7112	2484057.5951
436	481972.5214	2484123.4880
437	481972.5537	2484134.6184
438	481887.5815	2484136.7925
439	481887.3150	2484126.3787
440	482713.0729	2484037.2001
441	482713.9170	2484070.1900
442	482713.8228	2484077.3478
443	482574.2008	2484074.0283

COURSE TABLE - PARCEL 22 FEE

FROM POINT	TO POINT	BEARING	DISTANCE
1127	300	S01°34'25"E	1330.81'
300	301	S88°18'29"W	57.05'
301	302	S88°18'29"W	21.95'
302	303	N01°27'56"W	384.04'
303	304	N13°59'40"W	92.20'
304	305	N01°27'56"W	35.00'
305	306	N27°08'41"E	62.65'
306	307	S01°27'56"E	445.00'
307	301	S07°12'02"E	119.55'

COURSE TABLE - PARCEL 22 TLE

FROM POINT	TO POINT	BEARING	DISTANCE
1127	300	S01°34'25"E	1330.81'
300	302	S88°18'29"W	79.00'
302	430	S88°18'29"W	10.00'
430	431	N01°27'56"W	382.98'
431	432	N13°59'40"W	92.20'
432	433	N01°27'56"W	38.65'
433	434	N27°08'41"E	83.53'
434	306	S01°27'57"E	20.88'
306	305	S27°08'41"W	62.65'
305	304	S01°27'56"E	35.00'
304	303	S13°59'40"E	92.20'
303	302	S01°27'56"E	384.04'



BASIS OF EXISTING R/W

ROUTE	BASIS
CTH P	R/W PROJECT HWY 13-15
SHERMAN ROAD	R/W PROJECT HWY 13-15

COURSE TABLE - PARCEL 21

FROM POINT	TO POINT	BEARING	DISTANCE
1127	435	S01°34'25"E	776.95'
435	436	N88°25'35"E	65.92'
436	437	N89°50'02"E	11.13'
437	438	S01°27'56"E	85.00'
438	439	S88°32'04"W	10.42'
439	436	N01°56'35"W	85.26'

COURSE TABLE - PARCEL 29

FROM POINT	TO POINT	BEARING	DISTANCE
1127	440	S01°34'25"E	34.31'
440	441	N88°32'04"E	33.00'
441	442	S89°14'45"E	7.16'
442	443	S01°21'43"W	139.66'
443	441	N01°34'25"W	139.77'

SHEET 6 OF 7 SHEETS

REVISED: 12/8/2022

REVISION DATE	DATE 12/15/2022	SCALE, FEET 0 50 100	HWY: CTH P	STATE R/W PROJECT NUMBER 2711-06-00	PLAT SHEET 4.06	
	GRID FACTOR		COUNTY: WASHINGTON	CONSTRUCTION PROJECT NUMBER 2711-06-70	PS&E SHEET	E

COORDINATE TABLE

POINT	NORTH	EAST
1125	485390.9000	2483980.1760
1127	482747.3660	2484036.2580
310	482804.2239	2484035.0518
311	482804.9238	2484068.0451
312	482779.7908	2484080.2163
313	482746.5250	2484079.5703
450	482906.0106	2484065.9005
451	482789.7170	2484075.4093

COURSE TABLE - PARCEL 32 FEE

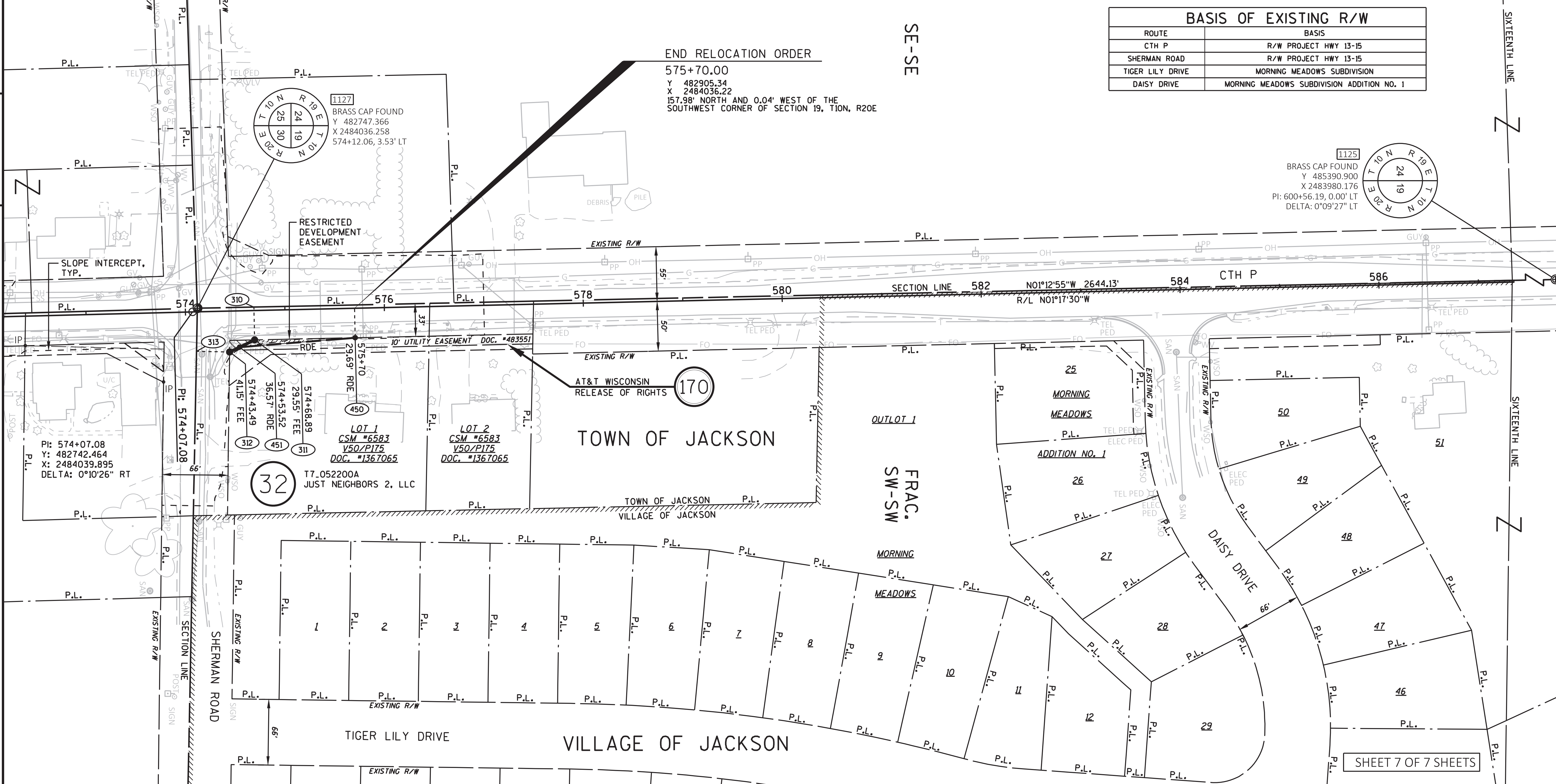
FROM POINT	TO POINT	BEARING	DISTANCE
1127	310	N01°12'55"W	56.87'
310	311	N88°47'05"E	33.00'
311	312	S25°50'22"E	27.93'
312	313	S01°06'45"W	33.27'
313	1127	N88°53'15"W	43.32'

COURSE TABLE - PARCEL 32 RDE

FROM POINT	TO POINT	BEARING	DISTANCE
1127	310	N01°12'55"W	56.87'
310	311	N88°47'05"E	33.00'
311	450	N01°12'55"W	101.11'
450	451	S04°40'28"E	116.68'
451	311	N25°50'22"W	16.90'

BASIS OF EXISTING R/W

ROUTE	BASIS
CTH P	R/W PROJECT HWY 13-15
SHERMAN ROAD	R/W PROJECT HWY 13-15
TIGER LILY DRIVE	MORNING MEADOWS SUBDIVISION
DAISY DRIVE	MORNING MEADOWS SUBDIVISION ADDITION NO. 1

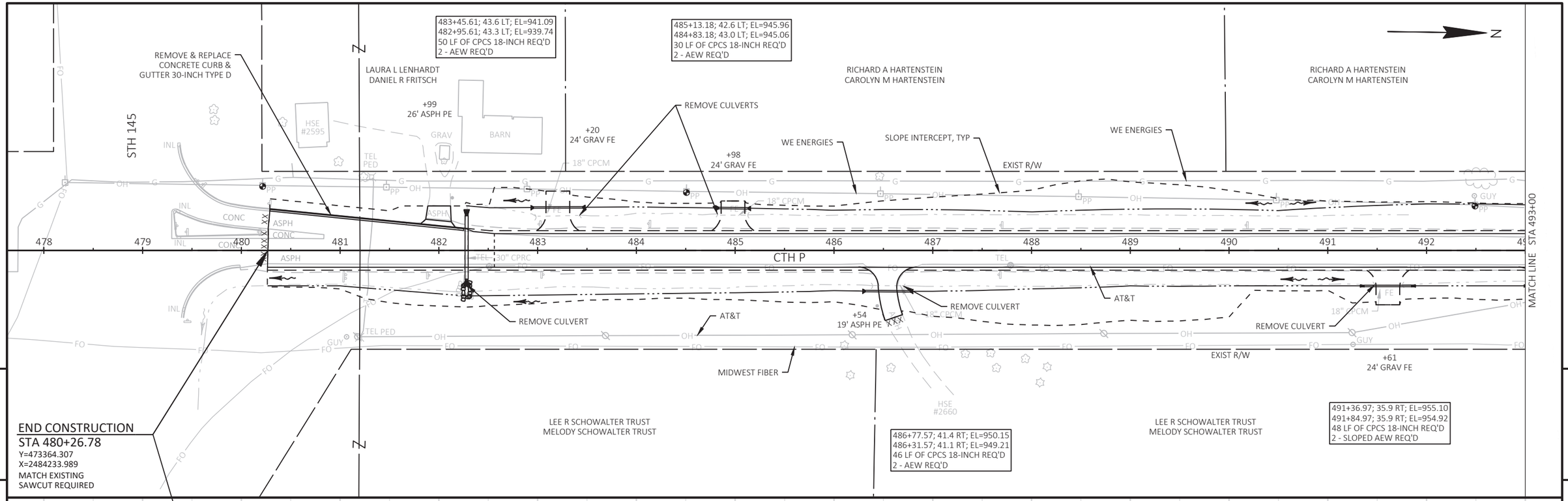


SHEET 7 OF 7 SHEETS

REVISION DATE	DATE 12/15/2022	SCALE, FEET 0 50 100	HWY: CTH P	STATE R/W PROJECT NUMBER 2711-06-00	PLAT SHEET 4.07	E
	GRID FACTOR		COUNTY: WASHINGTON	CONSTRUCTION PROJECT NUMBER 2711-06-70	PS&E SHEET	

REVISED: 12/8/2022

FILE NAME : 040107-RP.DWG
LAYOUT NAME - RW 1 IN 100 FT
PLOT DATE : 12/7/2022 8:16 AM
PLOT BY : JAY PANETTI
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 75



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: CTH P	SHEET	E

493+86.04; 43.2 LT; EL=951.70
494+21.99; 41.3 LT; EL=951.45
36 LF OF CPCS 18-INCH REQ'D
2 - AEW REQ'D

496+90.61; 35.9 LT; EL=946.07
497+46.61; 35.9 LT; EL=944.35
56 LF OF CPCS 18-INCH REQ'D
2 - SLOPED AEW REQ'D

RICHARD A HARTENSTEIN
CAROLYN M HARTENSTEIN

RICHARD A HARTENSTEIN
CAROLYN M HARTENSTEIN

JAMES K MYERS
ANDREA N MYERS

HOFFMAN BROS REALTY LLC

HOFFMAN BROS REALTY LLC

PRIVATE ROAD

N

BLDG #2697

EXIST R/W

+06
22' ASPH CE

18" CPCM

REMOVE CULVERT

SIGN & PLANTER TO REMAIN

GARAGE

WE ENERGIES

HSE #2723

+20
34' ASPH PE

SLOPE INTERCEPT, TYP

WE ENERGIES

EXIST TLE

WETLAND LIMITS

EXIST R/W

PACS 21X15-INCH BY OTHERS

PROP TLE

RELOCATE GATE COORDINATE WITH PROPERTY OWNER FOR NEW LOCATION

15"X21" PACM

EXIST TLE

REMOVE CULVERT

SIGN

MATCH LINE STA 493+00

493 494 495 496 497 498 499 500 CTH P 501 502 503 504 505 506 507 508

MATCH LINE STA 508+00

24" CPCM

18" CPCM

+29
12' ASPH PE

+64
14' GRAV PE

+76
24' GRAV FE

AT&T

EXIST R/W

AT&T

MIDWEST FIBER

+25
24' GRAV FE

REMOVE CULVERT

REMOVE CULVERTS

COORDINATE SECTION CORNER REMOVAL & REPLACEMENT W/ WASHINGTON COUNTY SURVEYOR

WETLAND LIMITS

REMOVE CULVERT

+21
17' ASPH PE

HSE #2698

HSE #2706

HSE #2688

HSE #2692

KEVIN ROENSPIES
KIM M ENDES

JERRY G DAMROW
MARISSA DAMROW

ADAMS & EVE TRUST

SCHOWALTER TRUST

STA 506+15.50
=STA 10+00.00
INTERSECTION
TYPE D REQ'D

493+02.69; 35.9 RT; EL=953.99
493+40.69; 35.9 RT; EL=953.55
38 LF OF CPCS 18-INCH REQ'D
2 - SLOPED AEW REQ'D

494+09.95; 35.9 RT; EL=952.55
494+45.95; 35.9 RT; EL=951.94
36 LF OF CPCS 18-INCH REQ'D
2 - SLOPED AEW REQ'D

495+43.91; 35.9 RT; EL=949.94
495+83.91; 35.9 RT; EL=948.99
40 LF OF CPCS 18-INCH REQ'D
2 - SLOPED AEW REQ'D

498+59.98; 38.7 RT; EL=940.83
498+93.91; 40.9 RT; EL=939.48
34 LF OF CPCS 18-INCH REQ'D
1 - SLOPED AEW REQ'D
1 - AEW REQ'D

506+42.59; 46.3 RT; EL=937.37
506+06.59; 46.2 RT; EL=937.26
36 LF OF CPCS 18-INCH REQ'D
2 - AEW REQ'D

ROBERT T LAVINE
JANICE R LAVINE

5

5

960 955 950 945 940 935 930 925

VCL = 600.00'
K = 169.01

-0.70%'LT'

-3.15%

FINISHED LEFT DITCH PROFILE

EXISTING R/L PROFILE

FINISHED R/L PROFILE

VPI STA 495'LT'+00.00
VPI EL 950.90

VPC STA 497+25.00
VPC EL 948.78

VPT STA 497+20.00
VPT EL 948.94

VPI STA 499'LT'+00.00
VPI EL 940.40

VPI STA 500'LT'+00.00
VPI EL 938.15

VPI STA 500+25.00
VPI EL 939.33

VPI STA 500'LT'+50.00
VPI EL 937.52

VPI STA 501'LT'+14.00
VPI EL 935.69

0.00%'LT'

VPI STA 501'LT'+22.00
VPI EL 935.69

5.40%'LT'

VPI STA 501'LT'+37.50
VPI EL 936.52

EXISTING CPCM 24-INCH TO BE REMOVED

LP STA 502+57.39
LP EL 940.39

VPI STA 503'LT'+00.00
VPI EL 937.01

VPT STA 503+25.00
VPT EL 940.53

VPC STA 505+25.00
VPC EL 941.33

HP STA 505+99.67
HP EL 941.48

FINISHED LEFT DITCH PROFILE

0.40%

0.30%'LT'

0.30%'RT'

1.11%'RT'

0.30%'RT'

VPI STA 504'RT'+00.00
VPI EL 935.83

VPI STA 505'RT'+00.00
VPI EL 936.94

VPI STA 507'RT'+00.00
VPI EL 937.54

-3.32%'RT'

-2.25%'LT'

-1.25%'LT'

-2.87%'LT'

-3.00%'RT'

-1.32%'RT'

VPI STA 498'RT'+00.00
VPI EL 942.82

VPI STA 499'RT'+00.00
VPI EL 939.50

VPI STA 500'RT'+00.00
VPI EL 936.50

FINISHED RIGHT DITCH PROFILE

VPI STA 501'RT'+14.00
VPI EL 935.00

0.00%'RT'

VPI STA 501'RT'+22.00
VPI EL 935.00

501+24.60; 29.9 LT; EL=935.64
501+13.48; 33.1 RT; EL=935.00
64 LF OF CPRCHE CLASS HE-IV 29X45-INCH REQ'D

501+31.96; 30.0 LT; EL=935.64
501+20.85; 33.1 RT; EL=935.00
64 LF OF CPRCHE CLASS HE-IV 29X45-INCH REQ'D

EXISTING PROFILE ELEVATION AT R/L
FINISHED PROFILE ELEVATION AT R/L

957.29 957.79 956.55 957.20 955.80 956.48 955.11 955.63 954.43 954.67 953.61 953.57 952.79 952.36 951.44 951.02 949.94 949.56 948.35 948.01 946.74 946.58 945.27 945.30 943.89 944.17 942.71 943.19 941.86 942.35 941.20 941.67 940.80 941.13 940.62 940.73 940.47 940.49 940.45 940.40 940.41 940.45 940.36 940.63 940.35 940.83 940.61 941.03 940.90 941.23 941.22 941.41 941.52 941.48 941.79 941.41 942.03 941.21 942.32 940.87 942.59 940.40

493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-050101-PP.DWG
LAYOUT NAME - Sheet-02

PLOT DATE : 10/31/2023 7:02 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT

HOFFMAN BROS REALTY LLC

KRUEPKE FAMILY LTD PTNRSHP

JAMES D MILLER

CHAD JOHNSON

SCHOWALTER TRUST

QUINTIN C SCHOWALTER
ANN MARIE K SCHOWALTER
JT REV LIV TRUST

ALEX T CHA
PHAI P VUE

BLDG #2881

HSE #2911

ASPHALT PARKING LOT

FLAG

517+47.24; 35.9 LT; EL=916.42
518+35.78; 35.9 LT; EL=915.82
88 LF OF PACS 28X20-INCH REQ'D
2 - SLOPED AEW REQ'D

+92
53' ASPH CE

ASPH
XXXXXXXX

XXX

XXXX

30" CPCM

CPRCHE CLASS HE-IV 24x38-INCH

REMOVE CULVERT

AT&T

WETLAND LIMITS

SLOPE INTERCEPT, TYP

WE ENERGIES

EXIST R/W

EXIST TLE

RELOCATE DRIVEWAY TO
STATION 506+25

MIDWEST FIBER

STA 521+07.98
=STA 20+00.00
INTERSECTION TYPE
B MODIFIED REQ'D

COORDINATE SECTION CORNER REMOVAL &
REPLACEMENT W/ WASHINGTON COUNTY SURVEYOR

WESTERN AVE

CTH P

MATCH LINE STA 508+00

MATCH LINE STA 523+00

N

5

5

VPI STA 508+75.00
VPI EL 942.73

VCL = 400.00'
K = 148.02

VPC STA 513+00.00
VPC EL 928.49

VPT STA 517+00.00
VPT EL 920.50

VCL = 600.00'
K = 244.67

VPC STA 518+00.00
VPC EL 919.85

VPI STA 511'RT'+00.00
VPI EL 930.60

VPT STA 512+25.00
VPT EL 931.00

VCL = 700.00'
K = 186.67

-3.35%

-5.05%'RT'

-3.00%'RT'

-2.00%'RT'

-1.00%'RT'

-0.65%

-0.50%'RT'

FINISHED R/L PROFILE

EXISTING R/L PROFILE

VPI STA 513'RT'+00.00
VPI EL 920.50

VPI STA 514'RT'+00.00
VPI EL 917.50

VPI STA 515'RT'+00.00
VPI EL 915.50

VPI STA 516'RT'+00.00
VPI EL 914.50

VPI STA 515+00.00
VPI EL 921.79

FINISHED RIGHT DITCH PROFILE

EXISTING PROFILE ELEVATION AT R/L

FINISHED PROFILE ELEVATION AT R/L

VPI STA 520'RT'+50.00
VPI EL 912.25

VPI STA 521'RT'+50.00
VPI EL 911.22

VPI STA 522'RT'+00.00
VPI EL 910.22

FINISHED RIGHT DITCH PROFILE

VPI STA 523'RT'+00.00
VPI EL 906.00

VPI STA 521+00.00
VPI EL 917.90

VPI STA 521'LT'+50.00
VPI EL 911.41

VPI STA 522'LT'+00.00
VPI EL 910.41

FINISHED LEFT DITCH PROFILE

VPI STA 523'LT'+00.00
VPI EL 907.59

-2.00%'LT'

-2.00%'RT'

-2.82%'LT'

-4.22%'RT'

940 935 930 925 920 915 910 905

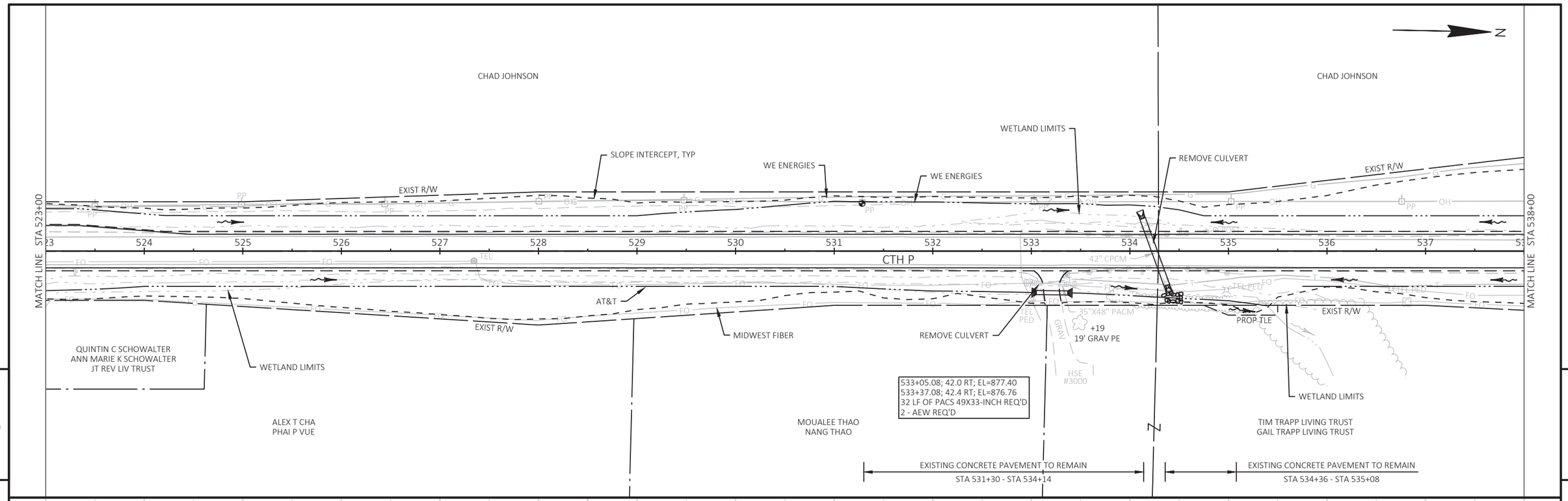
508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523

942.59 940.40 942.48 939.80 942.35 939.06 941.63 938.19 940.46 937.19 939.14 936.05 937.16 934.77 934.93 933.37 932.50 931.82 929.95 930.17 927.87 928.49 926.03 926.90 924.51 925.48 923.54 924.23 922.73 923.14 922.24 922.23 921.80 921.48 921.49 920.90 921.12 920.50 920.63 920.17 920.21 919.85 919.82 919.47 919.26 919.00 918.45 918.42 917.62 917.74 916.65 916.95 915.72 916.07 914.68 915.08 913.50 913.99 912.32 912.80 911.23 911.50

PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-050101-PP.DWG
LAYOUT NAME - Sheet-03

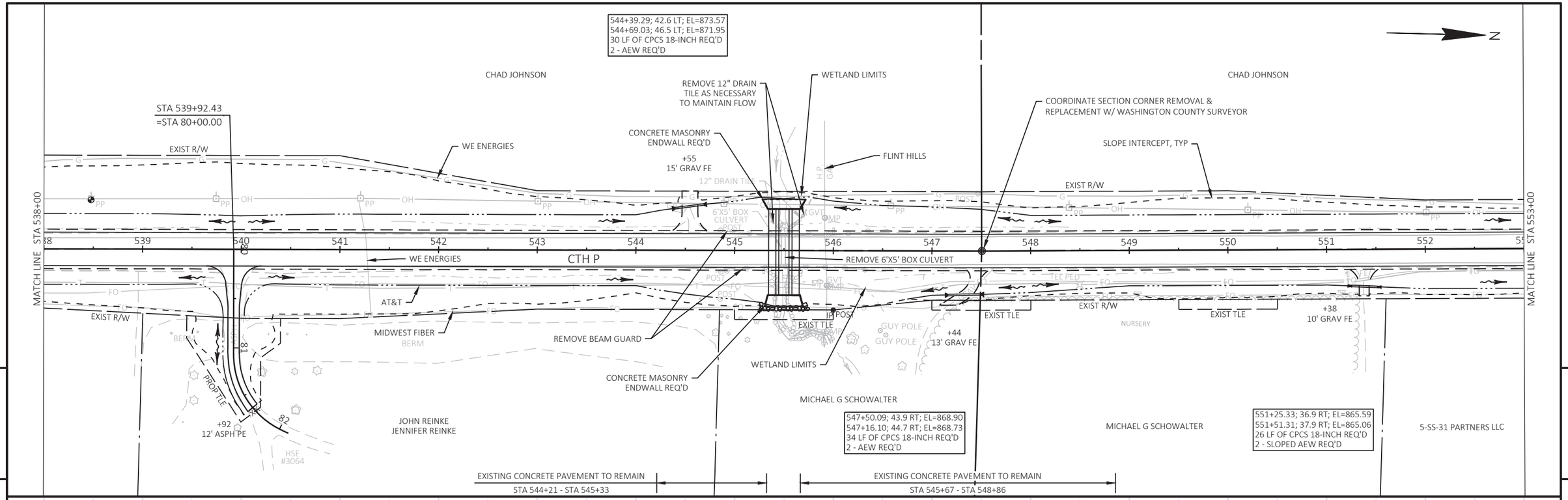
PLOT DATE : 10/31/2023 7:02 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: CTH P	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-050101-PP.DWG
LAYOUT NAME - Sheet-04

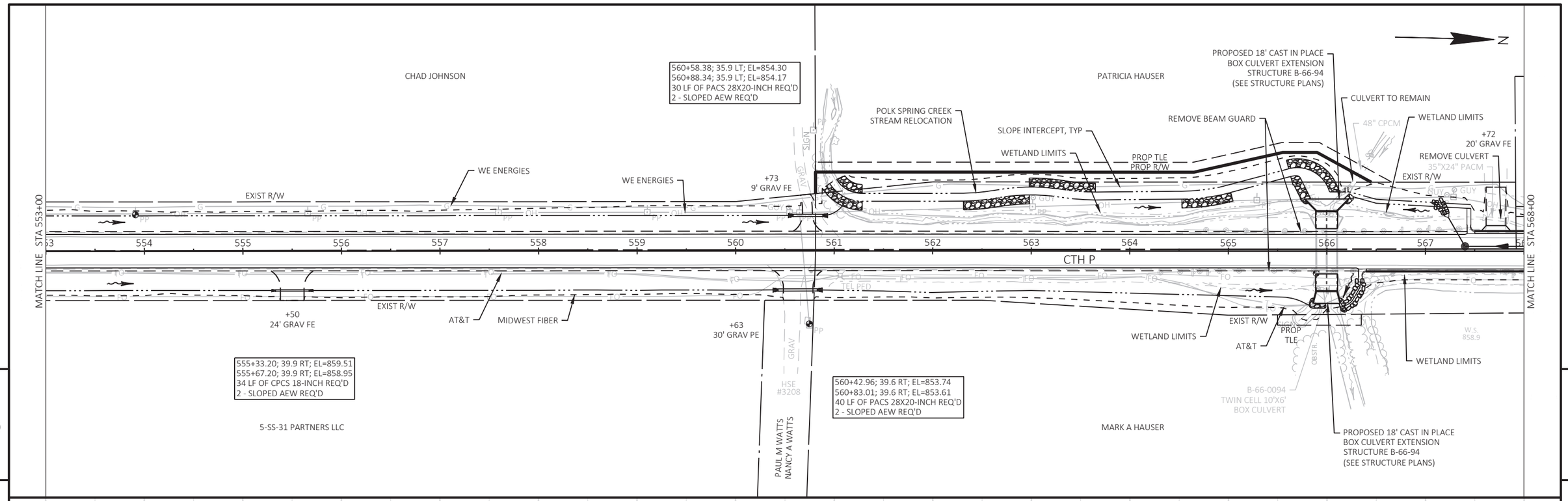
PLOT DATE : 10/31/2023 7:02 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT

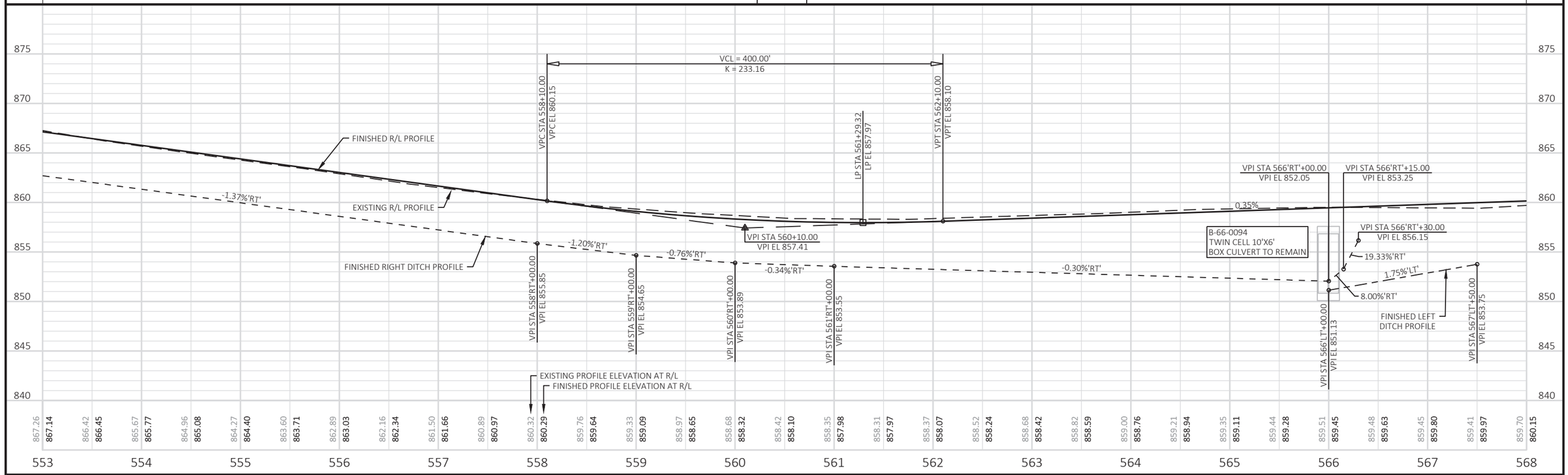


PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: CTH P	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-050101-PP.DWG
LAYOUT NAME - Sheet-05

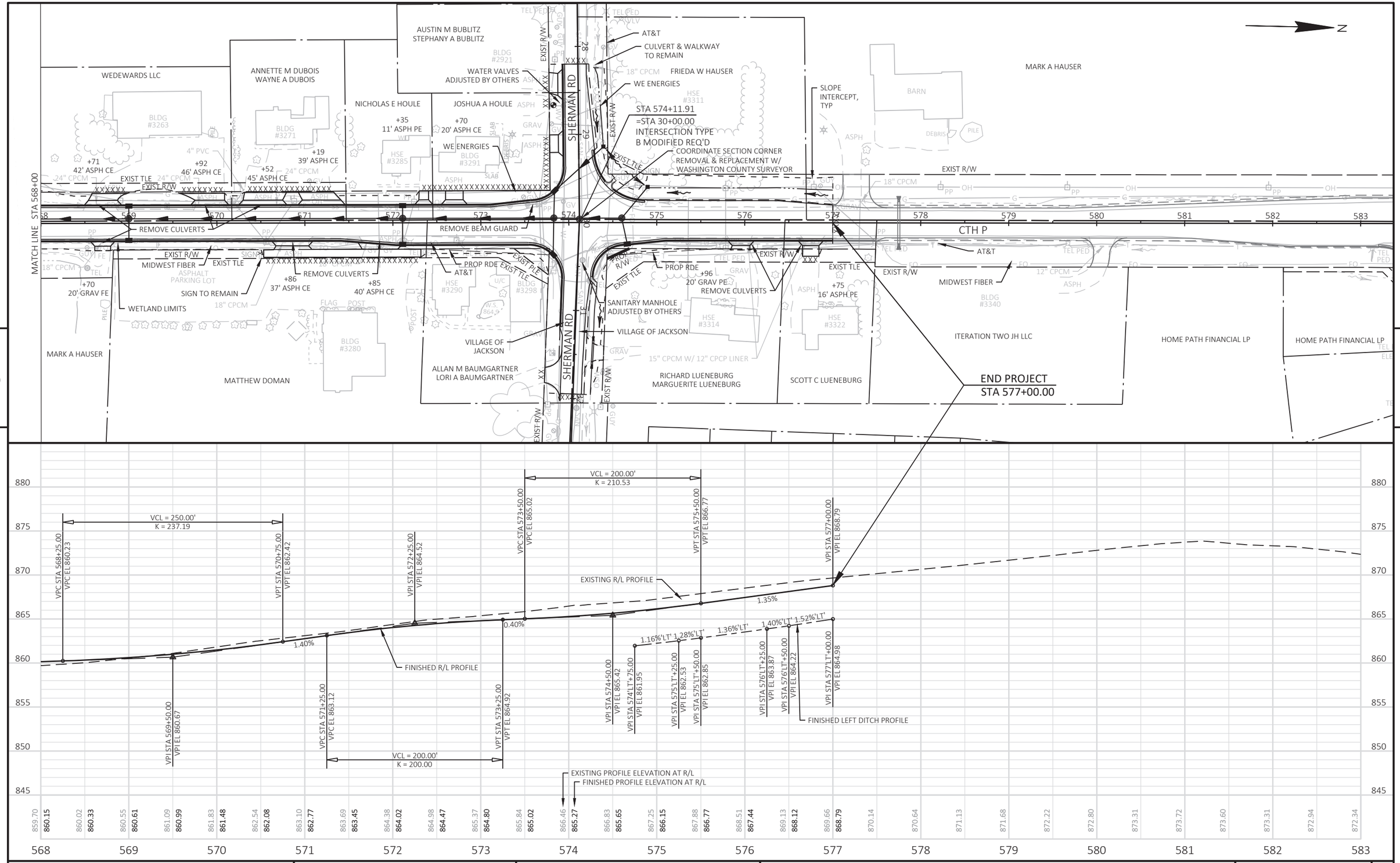
PLOT DATE : 10/31/2023 7:02 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT



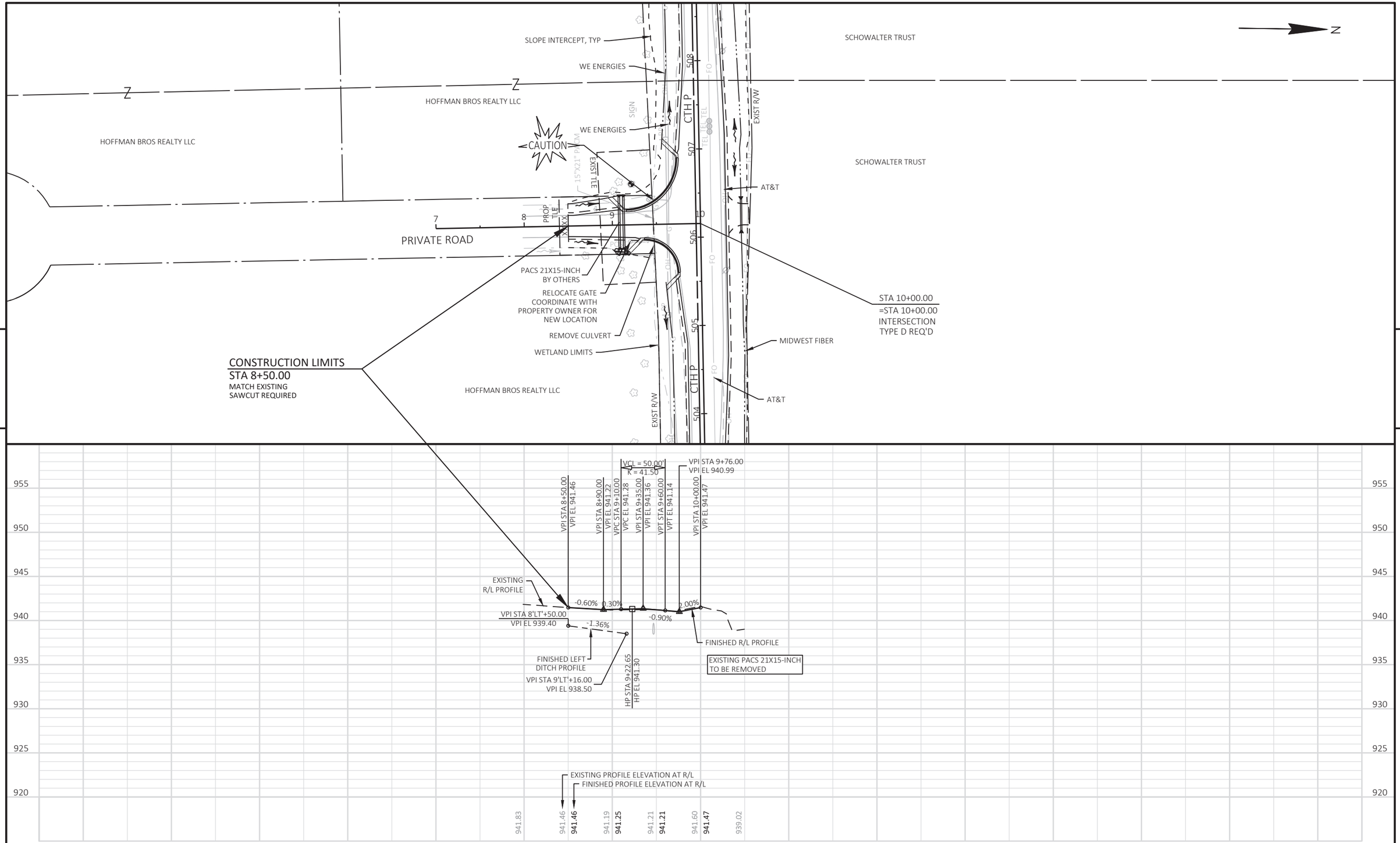


PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: CTH P	SHEET	E

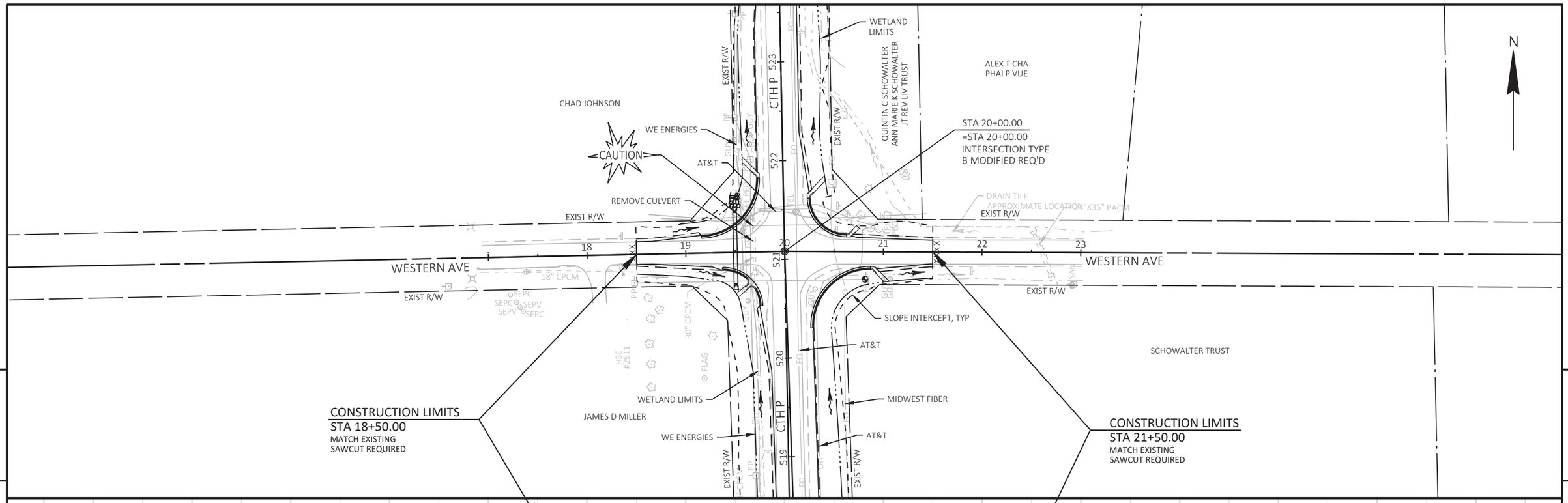
FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-050101-PP.DWG
LAYOUT NAME - Sheet-06
PLOT DATE : 10/31/2023 7:02 AM
PLOT BY : AARON SARAUER
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

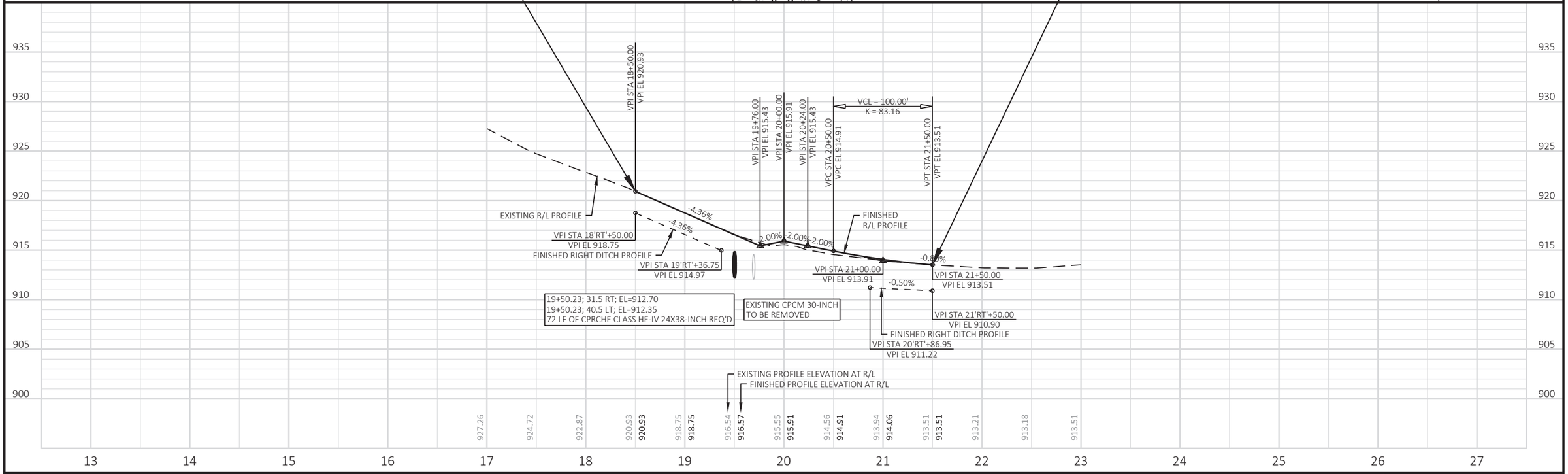


PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: CTH P	SHEET	E

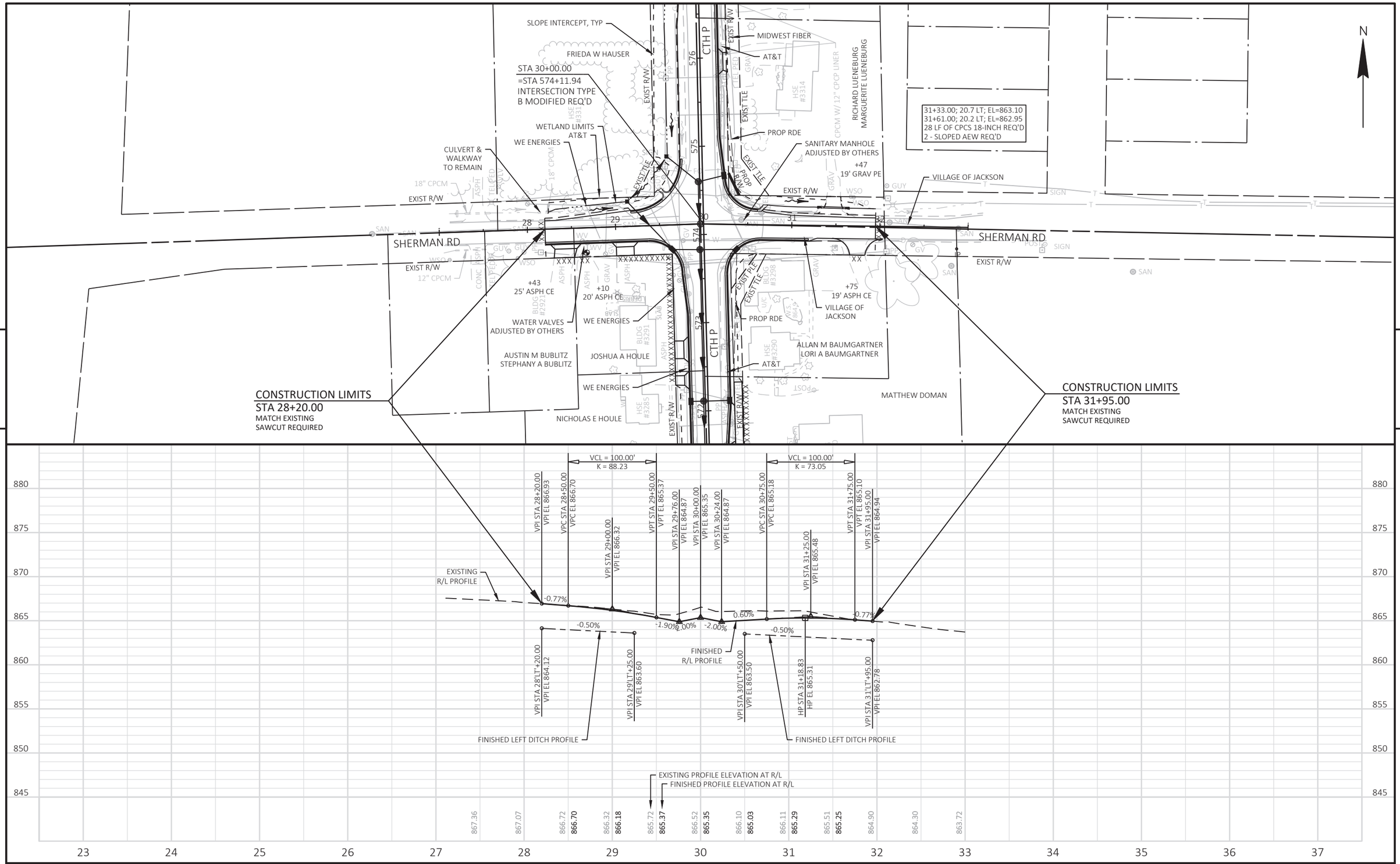


PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: PRIVATE ROAD	SHEET	E





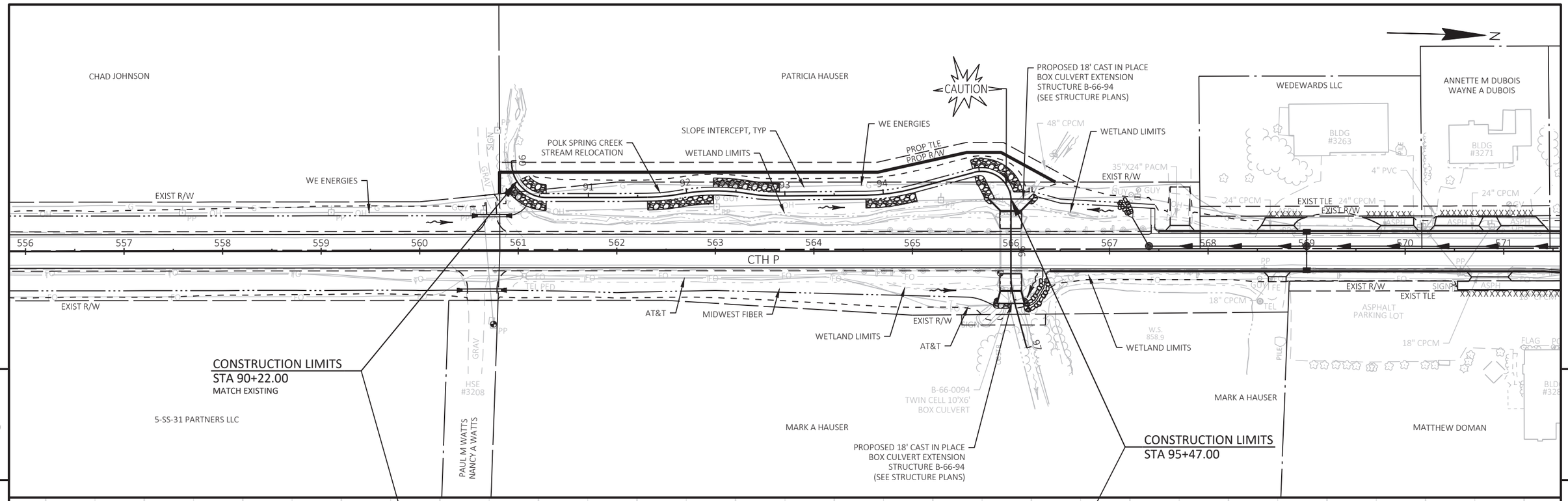
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: WESTERN AVENUE	SHEET E



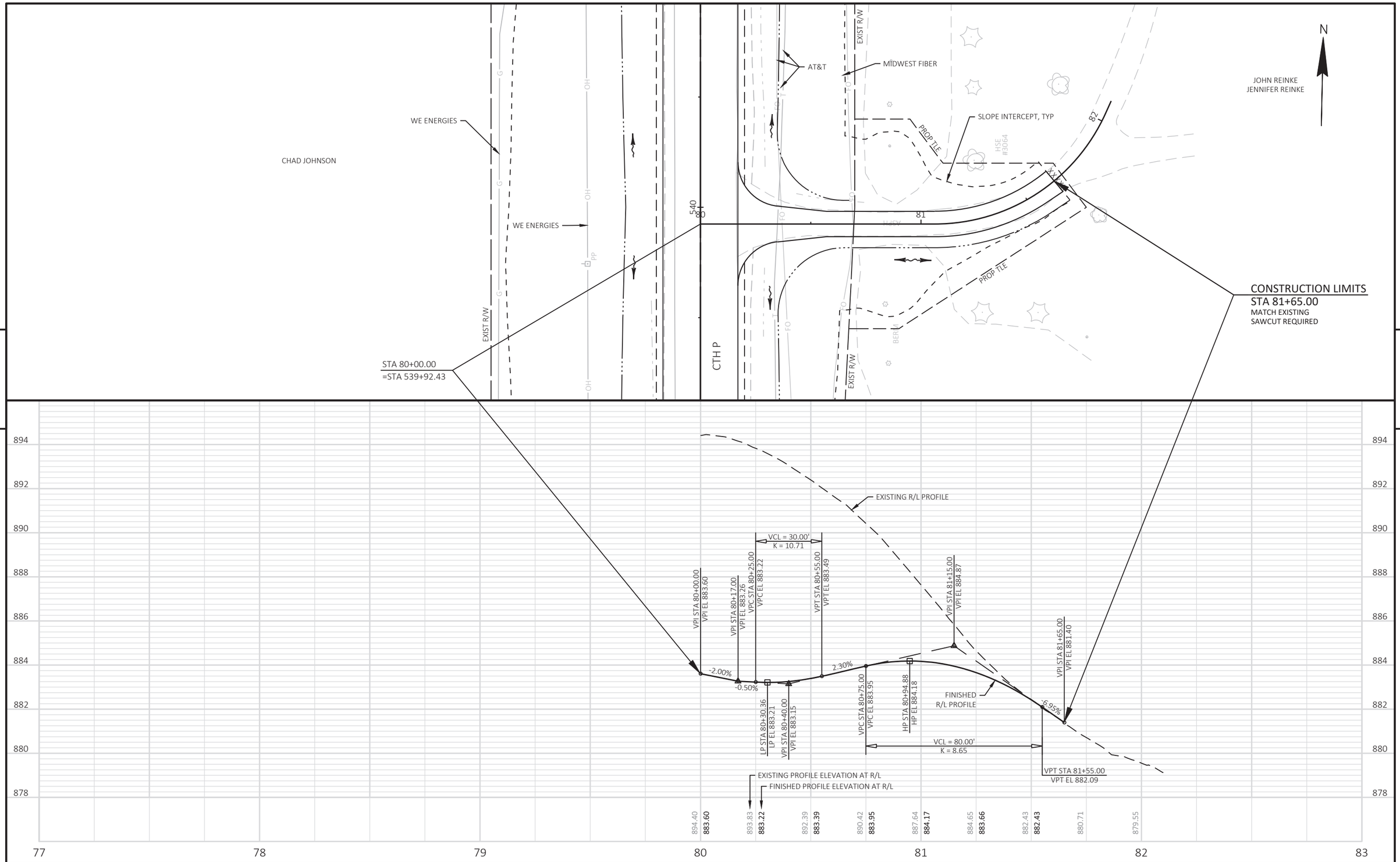
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: SHERMAN ROAD	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-050102-PP.DWG
LAYOUT NAME - Sheet-03

PLOT DATE : 10/31/2023 7:02 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	PLAN AND PROFILE: POLK SPRING CREEK STREAM RELOCATION	SHEET	E



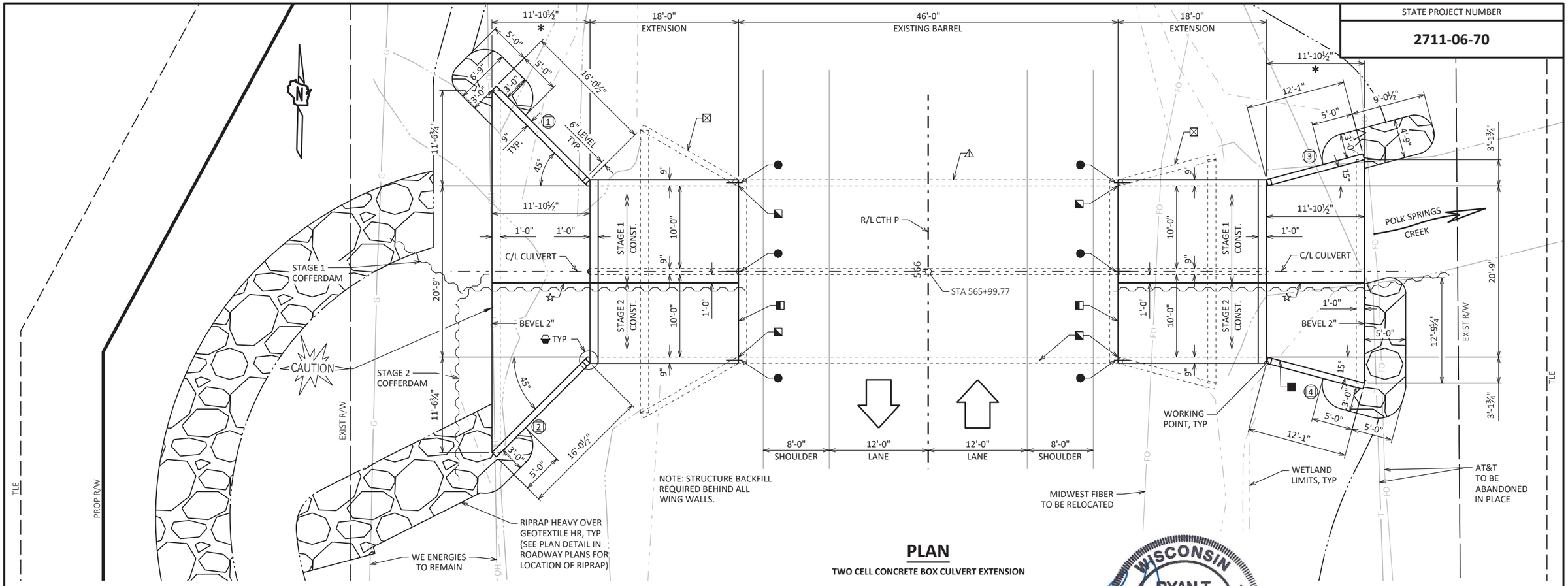
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	DRIVEWAY 'A'	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-050104-PP.DWG
LAYOUT NAME - Sheet-01

PLOT DATE : 10/31/2023 7:03 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:40 FT

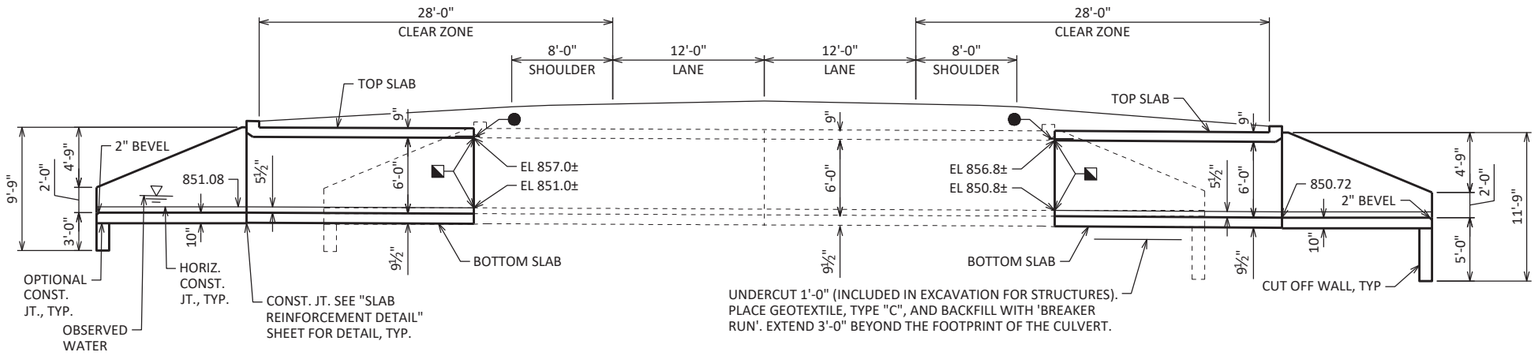
STATE PROJECT NUMBER

2711-06-70



PLAN

TWO CELL CONCRETE BOX CULVERT EXTENSION



INLET

DESIGN DATA

LIVE LOAD (EXTENSIONS):

DESIGN LOADING: HL-93
INVENTORY RATING: RF = 1.09
OPERATING RATING: RF = 1.41
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 KIPS

EARTHLOAD:

DESIGNED FOR 1.0 FT. OF FILL.

MATERIAL PROPERTIES:

CONCRETE MASONRY ——— f'_c = 3,500 PSI
BAR STEEL REINFORCEMENT ——— f_y = 60,000 PSI

ELEVATION

DESIGN DATA

LIVE LOAD (EXISTING):

TAKEN FROM HSI, 09/01/2023
INVENTORY RATING: HS24
OPERATING RATING: HS40
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV): 250 KIPS

HYDRAULIC DATA

100-YEAR FREQUENCY:

Q_{100}= 1253 C.F.S.
V_{100}= 8.4 F.P.S.
HW_{100}= 858.72 EL.
WATERWAY AREA = 105 SQ. FT.
DRAINAGE AREA = 3.5 SQ. MI.
ROADWAY OVERTOPPING = 25 YRS
SCOUR CRITICAL CODE = 8

2-YEAR FREQUENCY:

Q_2= 352 C.F.S.
V_2= 7.0 F.P.S.
HW_2= 854.97 EL.

TRAFFIC DATA

CTH P:

ADT = 7,400 (2044)
R.D.S. = 50 MPH

OUTLET

LEGEND

- INDICATES WING NUMBER
- BUILD APRON AND END OF BOX LEVEL
- REMOVE EXISTING APRON AND WINGS.
- INSIDE WALLS AND SLABS TO MATCH EXISTING (TYP.)
- SEE CORNER DETAILS ON "APRON DETAILS" SHEET
- ADHESIVE ANCHORS NO. 5 BARS, EMBED 1'-0½" INTO SOUND CONCRETE AND SPACE AT MAX 1'-0" CENTERS. (TYP. IN ALL WALLS AND TOP & BOTTOM SLAB)
- VERT. CONST. JOINT (TYP.)
- OPTINAL. LONGIT. CONST. JOINT
- EXIST. BARREL TO REMAIN IN PLACE
- NAME PLATE LOCATION (SEE "WINGWALL DETAILS" SHEET)

WISCONSIN
RYAN T. ARNDT
E-41765
FOND DU LAC, WI
10-26-23
PROFESSIONAL ENGINEER

STRUCTURE DESIGN CONTACTS:

CONSULTANT CONTACT:	BRIDGE OFFICE CONTACT:
ANDREW KLEMP	AARON BONK
920-924-5720	608-261-0261

LIST OF DRAWINGS:

NO.	DATE	REVISION	BY

GREMMER & ASSOCIATES, INC.
CONSULTING ENGINEERS
Stevens Point • Fond du Lac

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-66-94

CTH P OVER POLK SPRING CREEK

COUNTY	TOWN
WASHINGTON	JACKSON

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	RTA	DESIGNED CK'D	ALK	DRAWN BY	AJS	PLANS CK'D	ALK

GENERAL PLAN

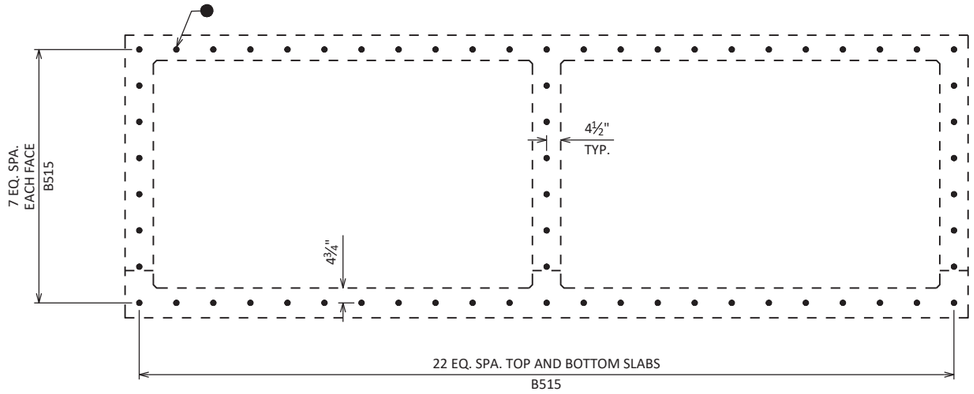
SHEET 1 OF 8

SCALE = 12.0

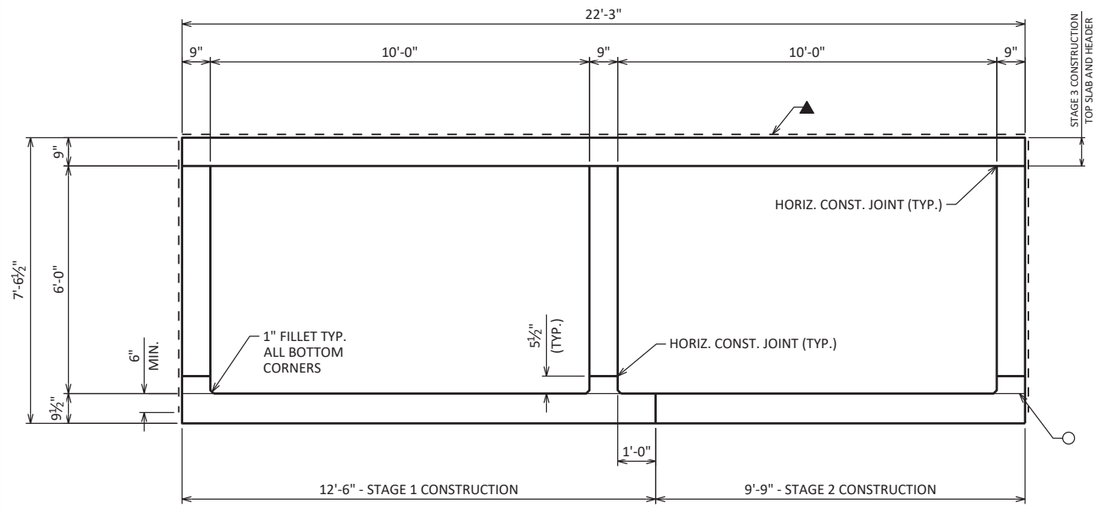
FILE NAME: S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-080101-ST.DWG
LAYOUT NAME: SHT1
PLOT DATE : ----
PLOT BY : AARON SARAUER
I.D. 2711-06-70
DATE: JUL 2023

STATE PROJECT NUMBER

2711-06-70

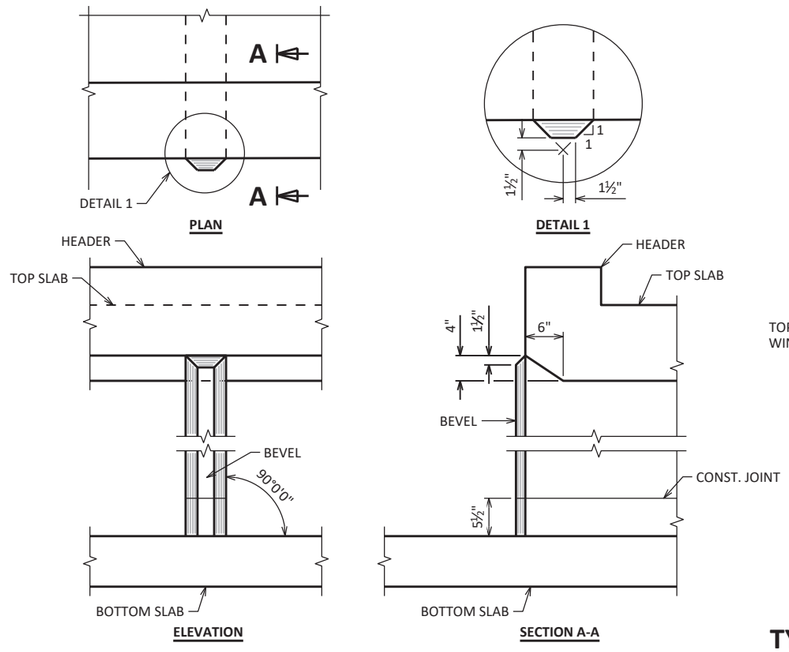


SECTION THRU EXISTING BOX

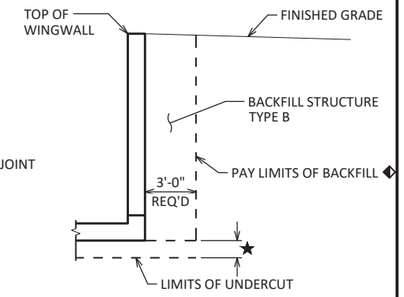


SECTION THRU BOX CULVERT

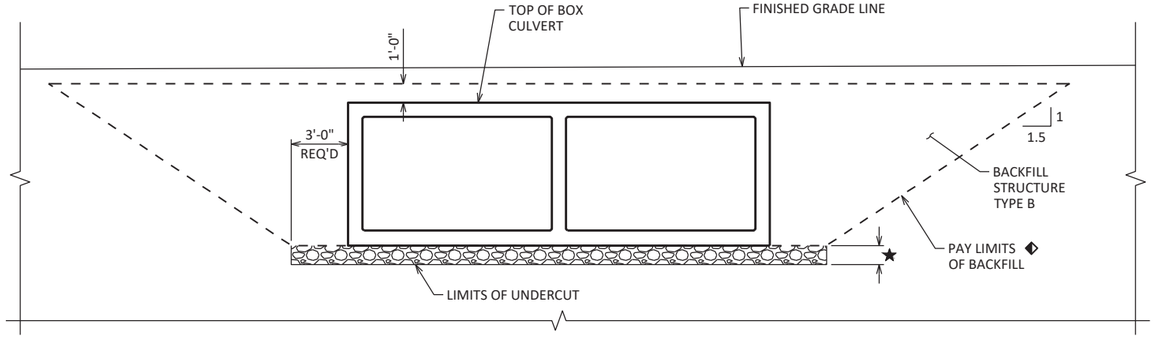
LOOKING EAST



INLET NOSE DETAILS



TYPICAL SECTION THRU BOX CULVERT WINGWALL



TYPICAL SECTION THRU BOX CULVERT

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	TOTAL
203.0220	REMOVING STRUCTURE B-66-94	EACH	1
206.2001	EXCAVATION FOR STRUCTURES CULVERTS B-66-94	EACH	1
206.5001	COFFERDAMS B-66-94	EACH	3
210.2500	BACKFILL STRUCTURE TYPE B	TON	530
311.0110	BREAKER RUN	TON	120
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	128
504.0100	CONCRETE MASONRY CULVERTS	CY	101
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	21630
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	1070
505.0904	BAR COUPLERS NO. 4	EACH	106
505.0909	BAR COUPLERS NO. 9	EACH	54
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	18
606.0300	RIPRAP HEAVY	CY	24
645.0105	GEOTEXTILE TYPE C	SY	206
645.0120	GEOTEXTILE TYPE HR	SY	36
	NON-BID ITEMS		
-----	FILLER	SIZE	3/4"

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES CULVERTS B-66-94" SHALL BE THE EXISTING GROUNDLINE.

ALL VOLUME WHICH CANNOT BE PLACED BEFORE CULVERT CONSTRUCTION AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL WITHIN THE LENGTH OF THE CULVERT INCLUDING THE APRON WING WALLS.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

THE CONCRETE IN THE CUTOFF WALLS MAY BE PLACED UNDERWATER IF THE EXCAVATION CANNOT BE DEWATERED

PLACE 18" (MIN.) WIDE SHEET OF "RUBBERIZED MEMBRANE WATERPROOFING" ON TOP SLAB OVER ALL CONSTRUCTION JOINTS AND EXTEND DOWN TO BOTTOM OF OUTSIDE WALLS.

DIMENSIONS SHOWN ARE BASED ON THE ORIGINAL STRUCTURE PLANS.

ALL CONCRETE REMOVAL SHALL BE DEFINED BY A 1 INCH DEEP SAWCUT, UNLESS SPECIFIED OTHERWISE.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR.

LEGEND

▲ 18" MIN. RUBBERIZED MEMBRANE WATERPROOFING UP WALLS AND ACROSS TOP SLAB AT VERTICAL CONSTRUCTION JOINTS. EXTEND 6" MIN. BELOW TOP OF BOTTOM SLAB.

★ UNDERCUT 1'-0". EXCAVATION FOR UNDERCUT TO BE INCLUDED IN EXCAVATION FOR STRUCTURES. PLACE "GEOTEXTILE TYPE C" AND BACKFILL WITH "BREAKER RUN".

★ IN LIEU OF USING BREAKER RUN FOR THE BOX CONSTRUCTION PLATFORM, THE CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSTITUTED MATERIAL. THE REGION GEOTECHNICAL ENGINEER MAY BE CONTACTED TO DETERMINE IF "OTHER GRANULAR MATERIAL" IS ACCEPTABLE.

◆ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

○ ALTERNATE CONST. JT. OMIT 1" FILLET IF OPTIONAL CONST. JT. IS USED.

● ADHESIVE ANCHORS NO. 5 BARS, EMBED 1'-0½" INTO SOUND CONCRETE AND SPACE AT MAX 1'-0" CENTERS. (TYP. IN ALL WALLS AND TOP & BOTTOM SLAB)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-66-94

DRAWN BY AJS | PLANS CK'D ALK

QUANTITIES AND CROSS SECTIONS

SHEET 2

SCALE = 8.00

8

8

FILE NAME: S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-080101-ST.DWG

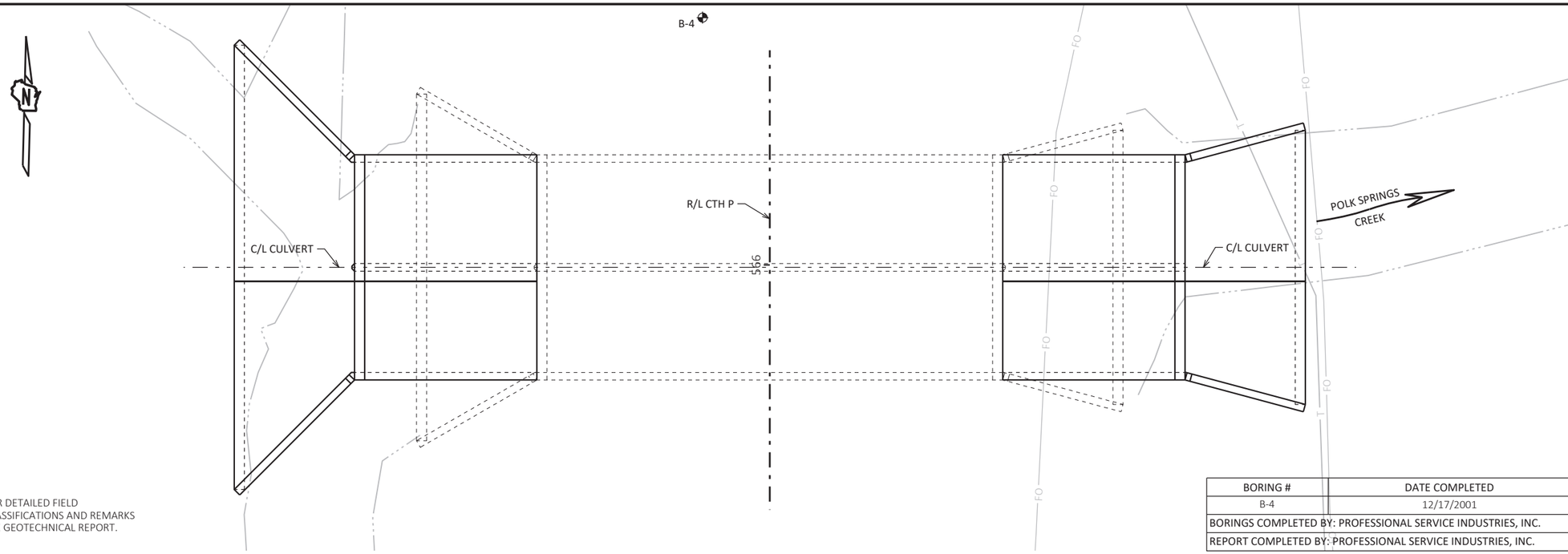
LAYOUT NAME: SHT2

PLOT DATE : ----

PLOT BY : AARON SARAUER

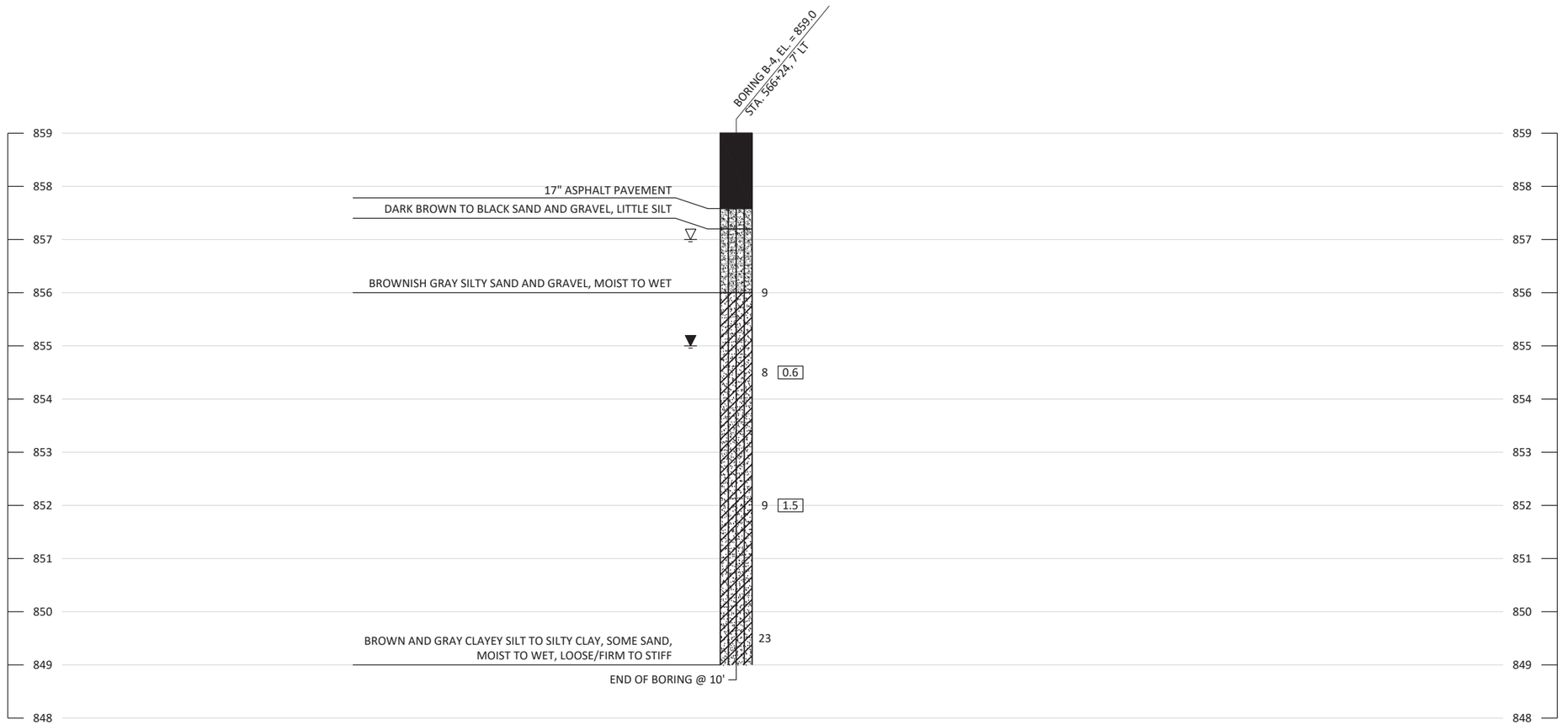
I.D. 2711-06-70

DATE: JUL 2023



* FOR DETAILED FIELD CLASSIFICATIONS AND REMARKS SEE GEOTECHNICAL REPORT.

BORING #	DATE COMPLETED
B-4	12/17/2001
BORINGS COMPLETED BY: PROFESSIONAL SERVICE INDUSTRIES, INC.	
REPORT COMPLETED BY: PROFESSIONAL SERVICE INDUSTRIES, INC.	



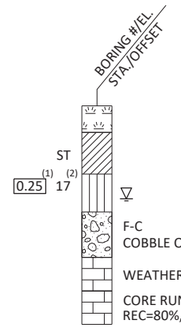
STATE PROJECT NUMBER

2711-06-70

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- AT TIME OF DRILLING
- END OF DRILLING
- AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-66-94

DRAWN BY AJS | PLANS CK'D ALK

SUBSURFACE EXPLORATION

SHEET 3

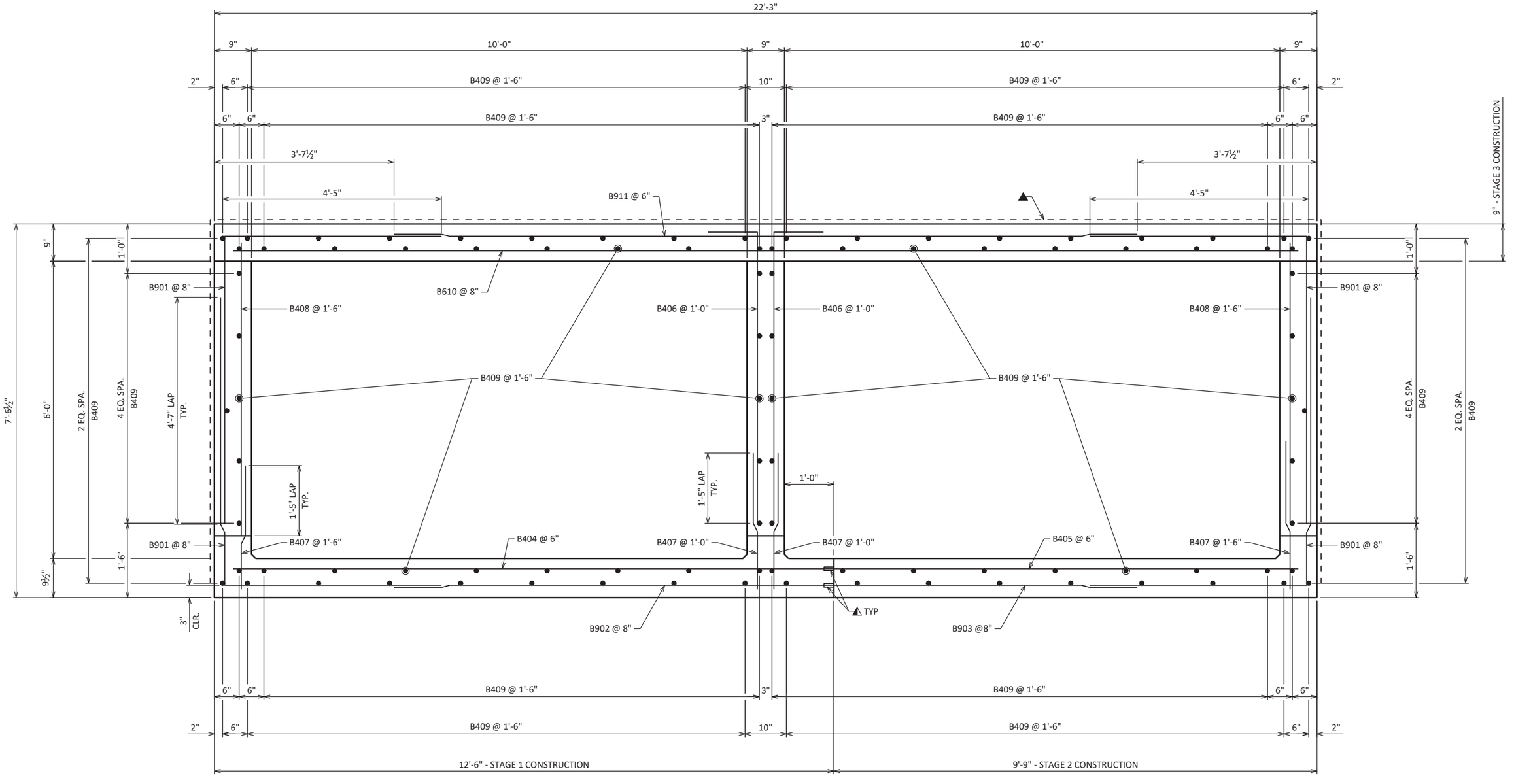
SCALE = 12.0

8

8

STATE PROJECT NUMBER

2711-06-70



8

8

LEGEND

▲ 18" MIN. RUBBERIZED MEMBRANE WATERPROOFING UP WALLS AND ACROSS TOP SLAB AT VERTICAL CONSTRUCTION JOINTS. EXTEND 6" MIN. BELOW TOP OF BOTTOM SLAB.

⚠ PROVIDE THREADED BAR COUPLERS AT CONSTRUCTION JOINT. SEE SHEET 8 FOR DETAILS.

SECTION THRU BOX CULVERT

LOOKING EAST

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-66-94

DRAWN BY AJS | PLANS CK'D ALK

BOX CULVERT DETAILS

SHEET 4

SCALE = 2.00

FILE NAME: S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-080101-ST.DWG

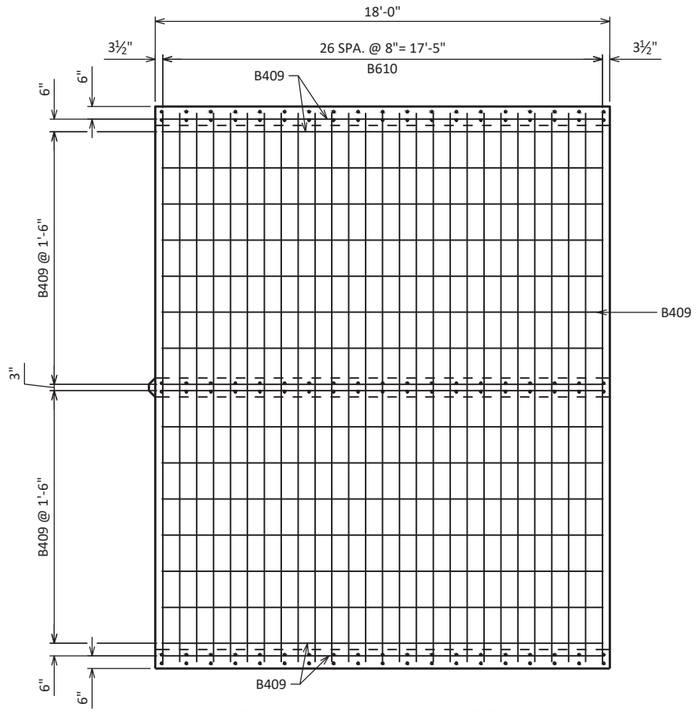
LAYOUT NAME: SHT4

PLOT DATE : ----

PLOT BY : AARON SARAUER

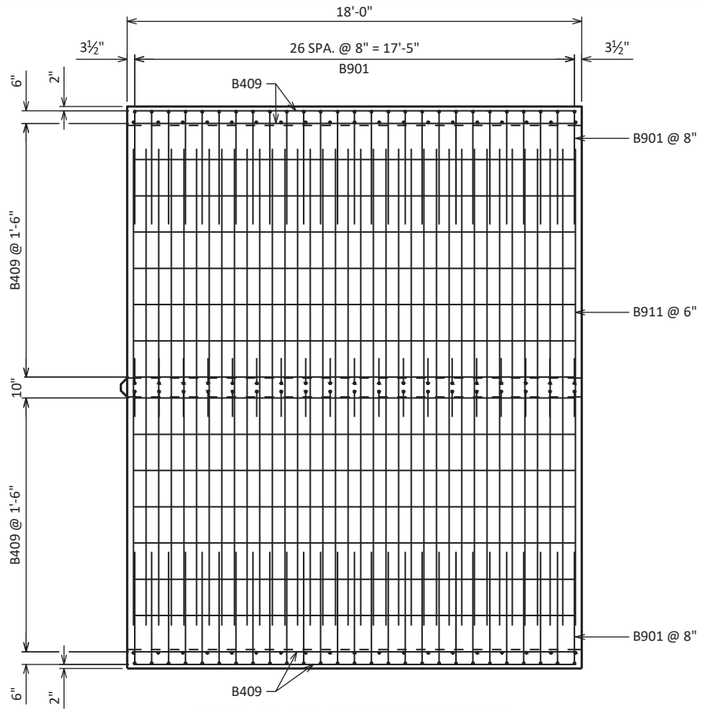
I.D. 2711-06-70

DATE: JUL 2023



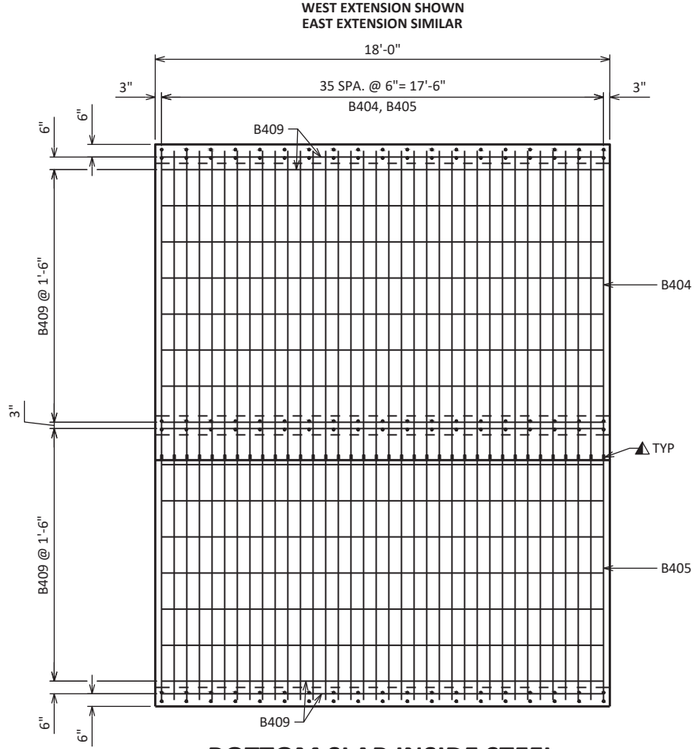
TOP SLAB INSIDE STEEL

HEADER NOT SHOWN FOR CLARITY
WEST EXTENSION SHOWN
EAST EXTENSION SIMILAR



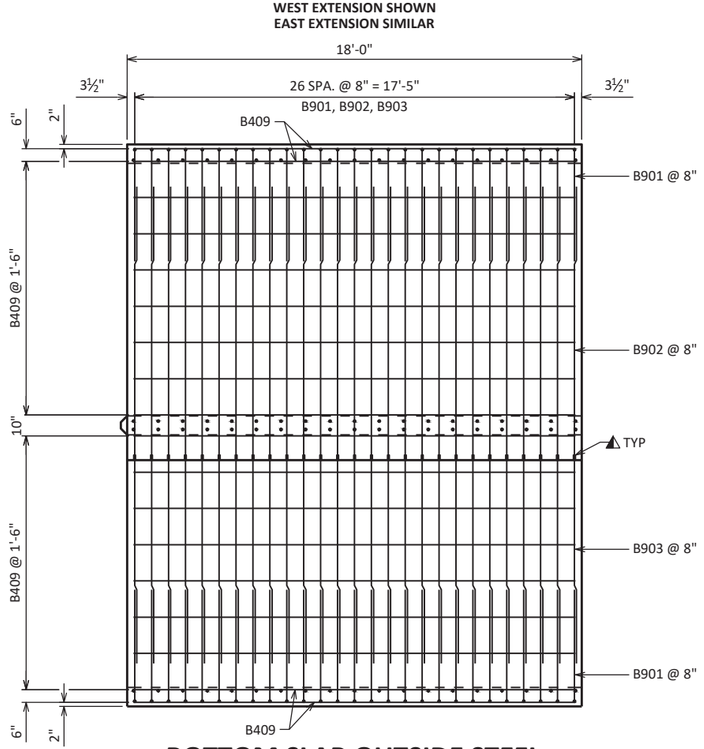
TOP SLAB OUTSIDE STEEL

HEADER NOT SHOWN FOR CLARITY
WEST EXTENSION SHOWN
EAST EXTENSION SIMILAR



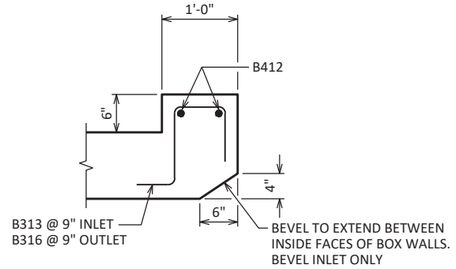
BOTTOM SLAB INSIDE STEEL

WEST EXTENSION SHOWN
EAST EXTENSION SIMILAR

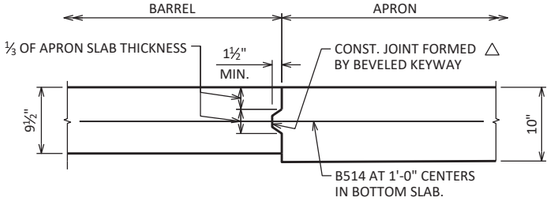


BOTTOM SLAB OUTSIDE STEEL

WEST EXTENSION SHOWN
EAST EXTENSION SIMILAR

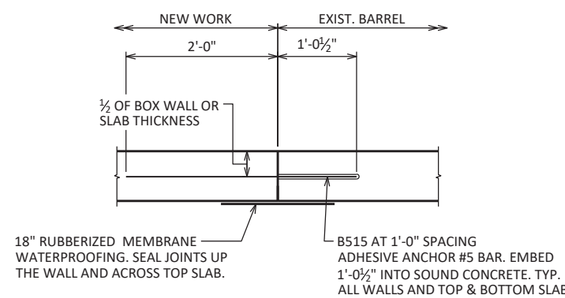


SECTION THRU HEADER



APRON CONNECTION DETAIL

△ IN LIEU OF CONSTRUCTION JOINTS IN THE BOTTOM SLAB, THE CONTRACTOR MAY USE 2" DEEP SAW CUTS WITHIN 12 HOURS AFTER POURING. #5 BARS 4'-0" AT 1'-0" CENTERS REQUIRED.



VERTICAL CONSTRUCTION JOINT

TYPICAL WALLS AND TOP & BOTTOM SLAB

LEGEND

▲ PROVIDE THREADED BAR COUPLERS AT CONSTRUCTION JOINT. SEE SHEET 8 FOR DETAILS.

STATE PROJECT NUMBER

2711-06-70

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-66-94

DRAWN BY AJS | PLANS CK'D ALK

SLAB REINFORCEMENT DETAILS

SHEET 5

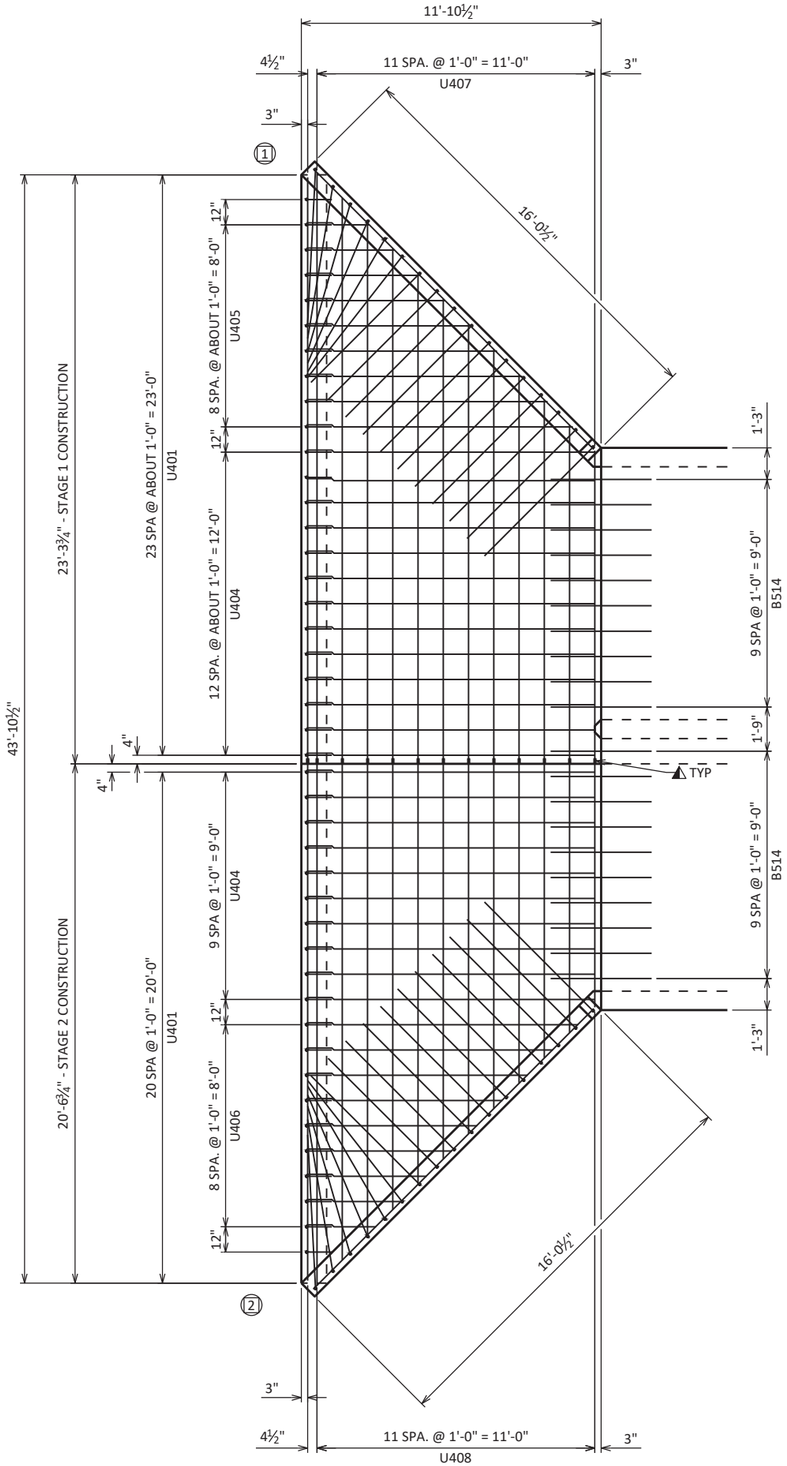
SCALE = 6.00

8

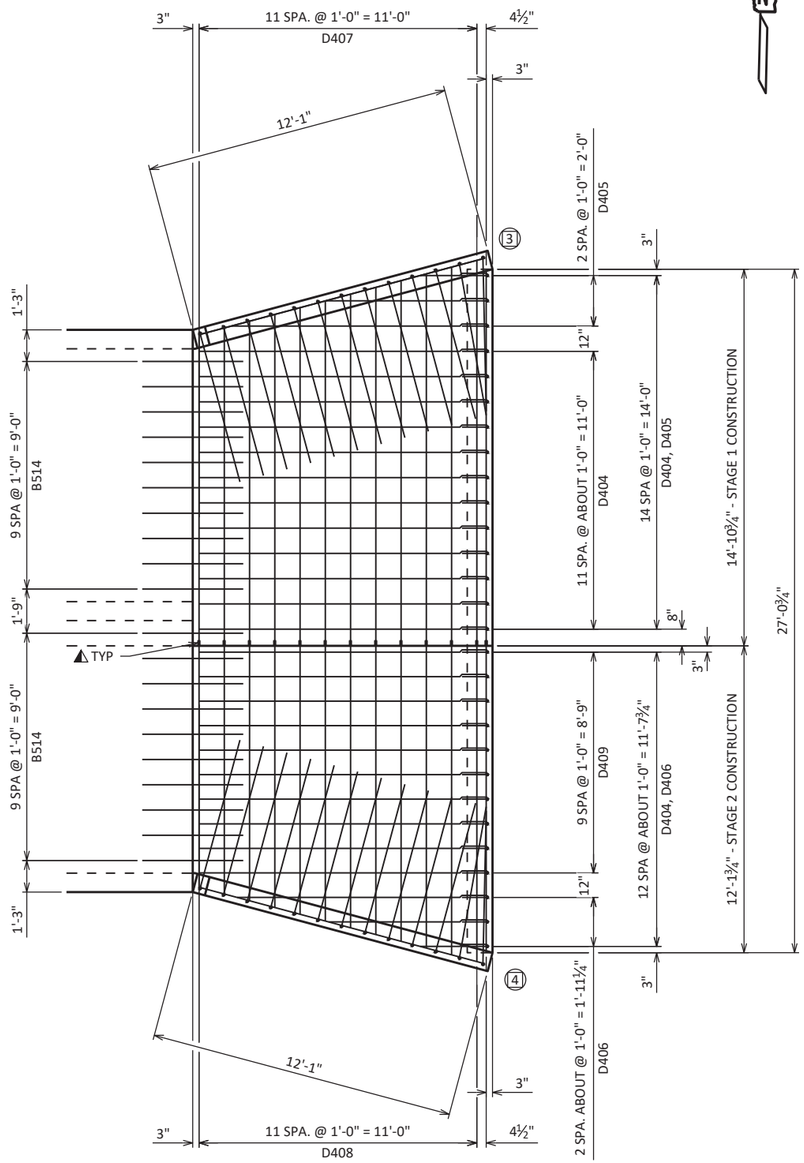
8

STATE PROJECT NUMBER

2711-06-70



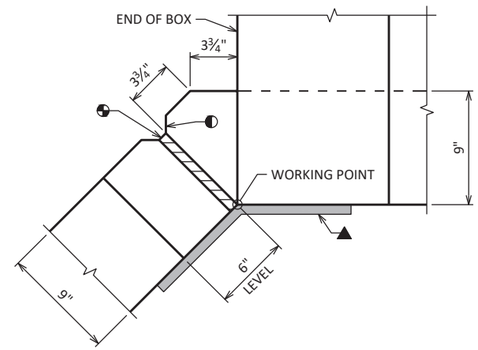
INLET APRON PLAN



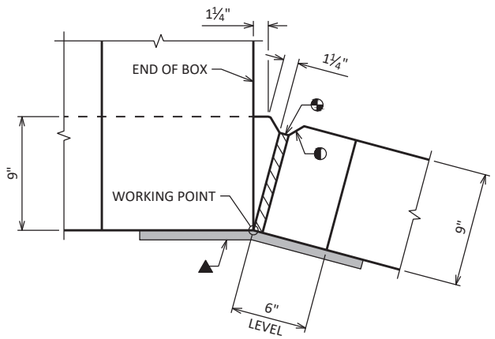
OUTLET APRON PLAN

LEGEND

- 1" BEVEL TYPICAL
- ¾" FILLER TYPICAL. EXTEND FILLER FROM HORIZ. CONST. JT. TO TOP OF WING.
- ▲ 18" MIN. RUBBERIZED MEMBRANE WATERPROOFING EXTEND FROM HORIZ. CONST. JT. TO TOP OF WALL. (FLUSH WITH FACE OF CONCRETE)
- ⚠ PROVIDE THREADED BAR COUPLERS AT CONSTRUCTION JOINT. SEE SHEET 8 FOR DETAILS.



INLET CORNERS



OUTLET CORNERS

CORNER DETAILS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-66-94

DRAWN BY AJS | PLANS CK'D ALK

APRON DETAILS

SHEET 6

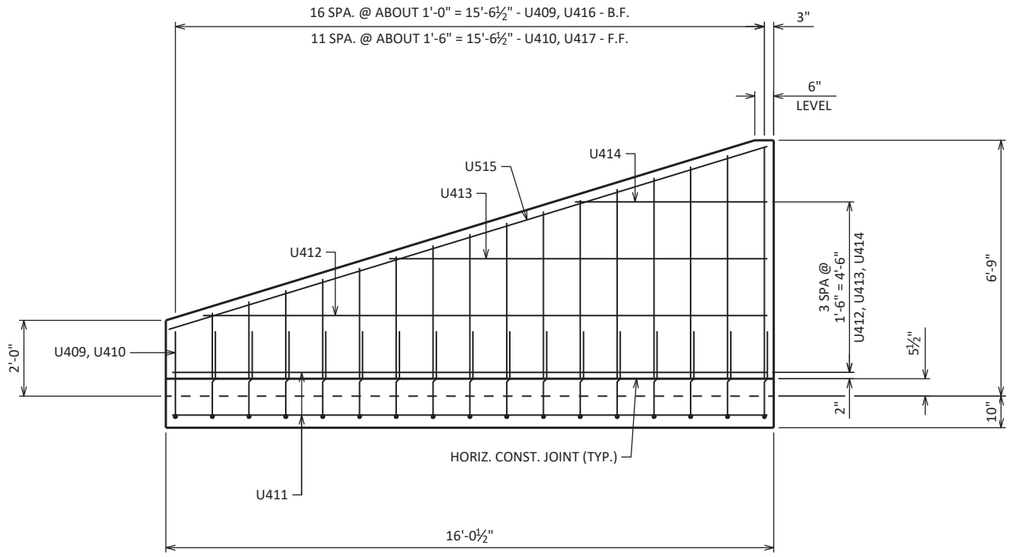
8

8

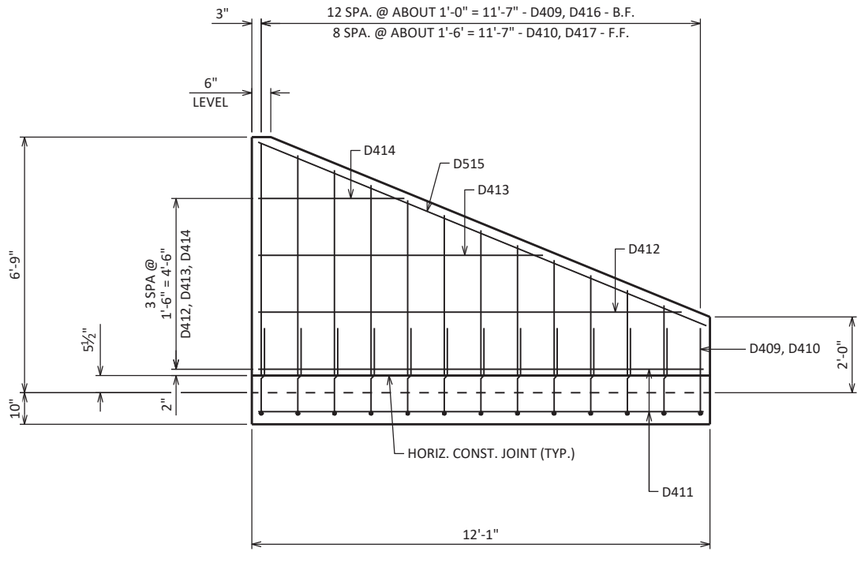
SCALE = 6.00

STATE PROJECT NUMBER

2711-06-70

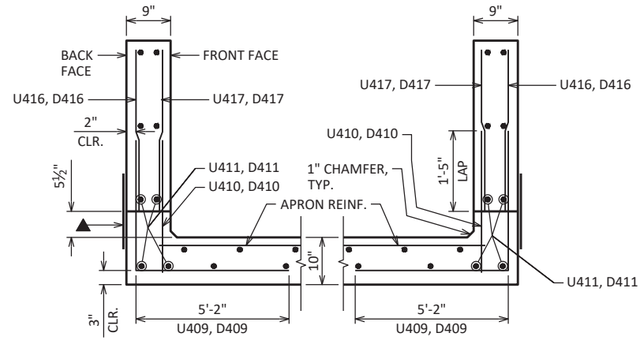


SECTION THRU WING 1 & 2

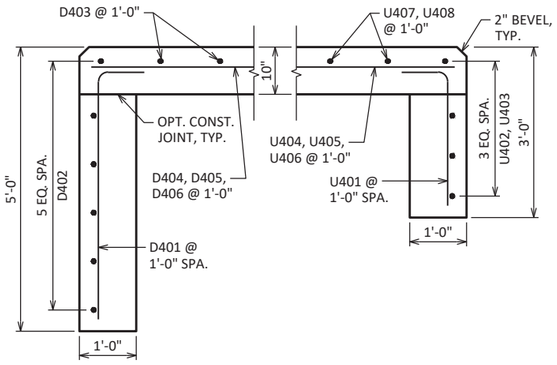


SECTION THRU WING 3 & 4

▲ 18" RUBBERIZED MEMBRANE WATERPROOFING, PLACE ALONG HORIZ. CONST. JT. FOR ENTIRE LENGTH OF WING, TYP.

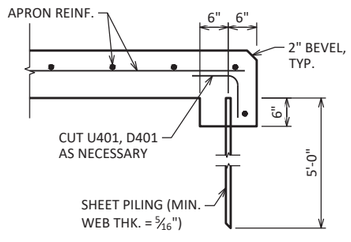


SECTION THRU WINGS



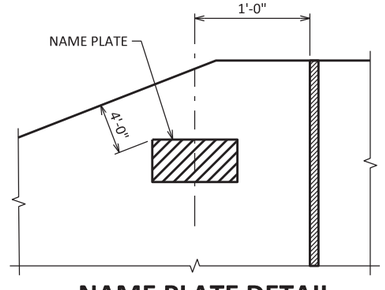
OUTLET **INLET**

CUT-OFF WALLS



ALTERNATE CUT-OFF WALLS

THE ABOVE ALTERNATIVE MAY BE USED IN LIEU OF CAST-IN-PLACE CONCRETE CUT-OFF WALLS. PAYMENT WILL BE BASED ON THE CONCRETE CUT-OFF WALLS.



NAME PLATE DETAIL

WING 4

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-66-94

DRAWN BY AJS | PLANS CK'D ALK

WINGWALL DETAILS

SHEET 7

SCALE = 4.00

8

8

STATE PROJECT NUMBER

2711-06-70

BILL OF BARS - INLET BOX EXTENSION

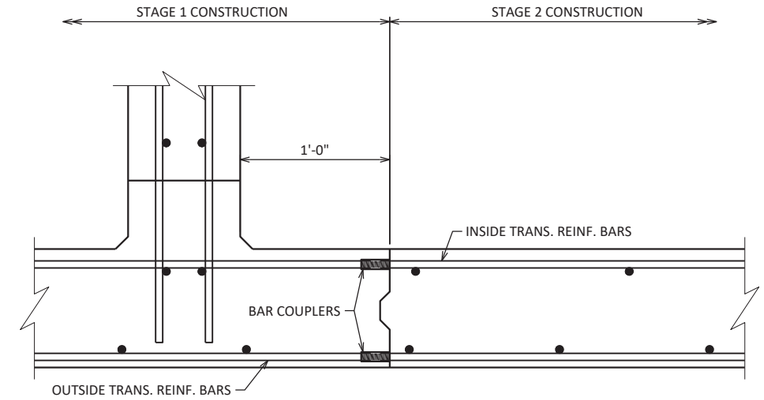
NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR MARK	COAT	STAGE 1 NO. REQ'D.	STAGE 2 NO. REQ'D.	STAGE 3 NO. REQ'D.	LENGTH	BENT	LOCATION
B901		54	54	0	10'-1"	X	CORNERS - TOP & BOTTOM - VERT.
B902		27	0	0	8'-11"		BOTTOM SLAB - EXTERIOR - TRANS.
B903		0	27	0	6'-1"		BOTTOM SLAB - EXTERIOR - TRANS.
B404		36	0	0	12'-4"		BOTTOM SLAB - INTERIOR - TRANS.
B405		0	36	0	9'-7"		BOTTOM SLAB - INTERIOR - TRANS.
B406		36	0	0	7'-0"	X	PIER - VERT.
B407		48	12	0	2'-5"		DOWELS - WALL & PIER - VERT.
B408		12	12	0	6'-1"		WALLS - INTERIOR - VERT.
B409		37	23	32	17'-8"		SLAB & WALLS LONGITUDINAL
B610		0	0	27	21'-11"		TOP SLAB - INSIDE FACE - TRANS.
B911		0	0	36	15'-0"		TOP SLAB - EXTERIOR FACE - TRANS.
B412		0	0	2	21'-11"		HEADER - TRANSVERSE
B313		0	0	31	2'-8"	X	HEADER - STIRRUP - INLET
B514		13	10	0	4'-0"		CONSTRUCTION JOINT DOWEL - LONG.
B515		25	16	23	3'-0"		CONSTRUCTION JOINT DOWEL - EXIST. BOX

BILL OF BARS - OUTLET BOX EXTENSION

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR MARK	COAT	STAGE 1 NO. REQ'D.	STAGE 2 NO. REQ'D.	STAGE 3 NO. REQ'D.	LENGTH	BENT	LOCATION
B901		54	54	0	10'-1"	X	CORNERS - TOP & BOTTOM - VERT.
B902		27	0	0	8'-11"		BOTTOM SLAB - EXTERIOR - TRANS.
B903		0	27	0	6'-1"		BOTTOM SLAB - EXTERIOR - TRANS.
B404		36	0	0	12'-4"		BOTTOM SLAB - INTERIOR - TRANS.
B405		0	36	0	9'-7"		BOTTOM SLAB - INTERIOR - TRANS.
B406		36	0	0	7'-0"	X	PIER - VERT.
B407		48	12	0	2'-5"		DOWELS - WALL & PIER - VERT.
B408		12	12	0	6'-1"		WALLS - INTERIOR - VERT.
B409		37	23	32	17'-8"		SLAB & WALLS LONGITUDINAL
B610		0	0	27	21'-11"		TOP SLAB - INSIDE FACE - TRANS.
B911		0	0	36	15'-0"		TOP SLAB - EXTERIOR FACE - TRANS.
B412		0	0	2	21'-11"		HEADER - TRANSVERSE
B514		13	10	0	4'-0"		CONSTRUCTION JOINT DOWEL - LONG.
B515		25	16	23	3'-0"		CONSTRUCTION JOINT DOWEL - EXIST. BOX
B316	X	0	0	31	3'-0"	X	HEADER - STIRRUP - OUTLET

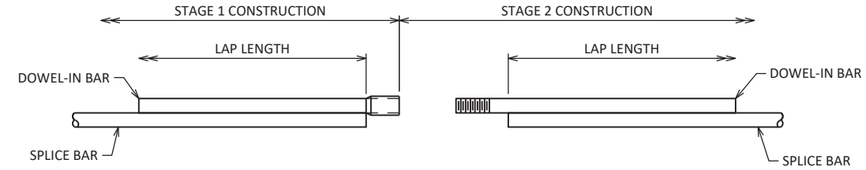


SECTION THRU BOTTOM SLAB

ONE-PIECE THREADED COUPLER SHOWN

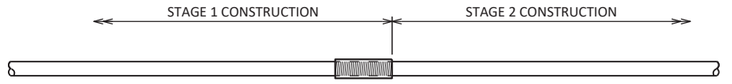
NOTES

FOR DOWEL BAR COUPLERS, ALL DOWEL BARS SHALL BE LAPPED AND TIED TO THE REINFORCEMENT BARS.



DOWEL BAR COUPLER

STAGE 2 DOWEL SCREWS INTO COUPLER PLACED IN STAGE 1



ONE-PIECE THREADED COUPLER

BAR COUPLER ALTERNATIVES

BILL OF BARS - INLET APRON & WINGS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR MARK	COAT	STAGE 1 NO. REQ'D.	STAGE 2 NO. REQ'D.	STAGE 3 NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
U401		24	21	0	3'-6"	X		INLET APRON CUT-OFF WALL - VERT.
U402		4	0	0	23'-1"			INLET APRON CUT-OFF WALL - TRANS STAGE 1
U403		0	4	0	20'-5"			INLET APRON CUT-OFF WALL - TRANS STAGE 2
U404		13	10	0	11'-6"			INLET APRON - LONGITUDINAL
U405		9	0	0	6'-5"		△	INLET APRON - @ WING 1 - LONGIT.
U406		0	9	0	6'-5"		△	INLET APRON - @ WING 2 - LONGIT.
U407		12	0	0	18'-1"		△	INLET APRON - TRANS. STAGE 1
U408		0	12	0	15'-4"		△	INLET APRON - TRANS. STAGE 2
U409	X	17	17	0	7'-8"	X		WINGS 1 & 2 - B.F. DOWELS - VERT.
U410	X	17	17	0	2'-7"			WINGS 1 & 2 - F.F. DOWELS - VERT.
U411	X	4	4	0	15'-8"			WINGS 1 & 2 - F.F. & B.F. & APRON - LONGIT.
U412	X	2	2	0	15'-3"			WINGS 1 & 2 - F.F. & B.F. - LONGIT.
U413	X	2	2	0	10'-4"			WINGS 1 & 2 - F.F. & B.F. - LONGIT.
U414	X	2	2	0	5'-5"			WINGS 1 & 2 - F.F. & B.F. - LONGIT.
U515	X	2	2	0	16'-1"			WINGS 1 & 2 - F.F. & B.F. - TOP LONGIT.
U416	X	16	16	0	3'-11"		△	WINGS 1 & 2 - B.F. VERT.
U417	X	11	11	0	3'-11"		△	WINGS 1 & 2 - F.F. VERT.

△ LENGTH SHOWN FOR BAR IS AN AVERAGE AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BAR SERIES TABLE

BUNDLE AND TAG EACH SERIES SEPARATELY.

BAR MARK	NO. REQ'D.	LENGTH
U405	1 SERIES OF 9	1'-11" TO 10'-10"
U406	1 SERIES OF 9	1'-11" TO 10'-10"
U407	1 SERIES OF 12	12'-7" TO 23'-7"
U408	1 SERIES OF 12	9'-10" TO 20'-10"
U416	2 SERIES OF 16	1'-9" TO 6'-1"
U417	2 SERIES OF 11	1'-9" TO 6'-1"

BILL OF BARS - OUTLET APRON & WINGS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

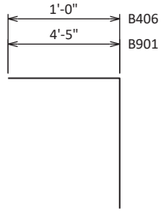
BAR MARK	COAT	STAGE 1 NO. REQ'D.	STAGE 2 NO. REQ'D.	STAGE 3 NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
D401		15	13	0	5'-7"	X		OUTLET APRON CUT-OFF WALL - VERT.
D402		6	0	0	14'-8"			OUTLET APRON CUT-OFF WALL - TRANS STAGE 1
D403		0	6	0	11'-11"			OUTLET APRON CUT-OFF WALL - TRANS STAGE 2
D404		12	10	0	11'-6"			OUTLET APRON - LONGITUDINAL
D405		3	0	0	6'-9"		△	OUTLET APRON - @ WING 3 - LONGIT.
D406		0	3	0	6'-8"		△	OUTLET APRON - @ WING 4 - LONGIT.
D407		12	0	0	13'-10"		△	OUTLET APRON - TRANS. STAGE 1
D408		0	12	0	11'-1"		△	OUTLET APRON - TRANS. STAGE 2
D409	X	13	13	0	7'-8"	X		WINGS 3 & 4 - B.F. DOWELS - VERT.
D410	X	13	13	0	2'-7"			WINGS 3 & 4 - F.F. DOWELS - VERT.
D411	X	4	4	0	11'-9"			WINGS 3 & 4 - F.F. & B.F. & APRON - LONGIT.
D412	X	2	2	0	11'-2"			WINGS 3 & 4 - F.F. & B.F. - LONGIT.
D413	X	2	2	0	7'-6"			WINGS 3 & 4 - F.F. & B.F. - LONGIT.
D414	X	2	2	0	3'-10"			WINGS 3 & 4 - F.F. & B.F. - LONGIT.
D515	X	2	2	0	12'-4"			WINGS 3 & 4 - F.F. & B.F. - TOP LONGIT.
D416	X	12	12	0	3'-11"		△	WINGS 3 & 4 - B.F. VERT.
D417	X	8	8	0	3'-11"		△	WINGS 3 & 4 - F.F. VERT.

△ LENGTH SHOWN FOR BAR IS AN AVERAGE AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

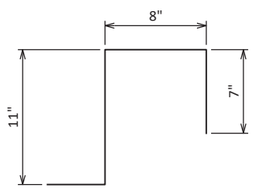
BAR SERIES TABLE

BUNDLE AND TAG EACH SERIES SEPARATELY.

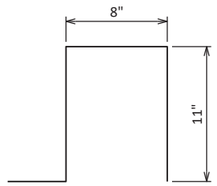
BAR MARK	NO. REQ'D.	LENGTH
D405	1 SERIES OF 3	3'-1" TO 10'-6"
D406	1 SERIES OF 3	3'-1" TO 10'-3"
D407	1 SERIES OF 12	12'-4" TO 15'-4"
D408	1 SERIES OF 12	9'-7" TO 12'-7"
D416	2 SERIES OF 12	1'-10" TO 6'-1"
D417	2 SERIES OF 8	1'-10" TO 6'-1"



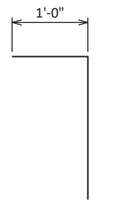
B901, B406



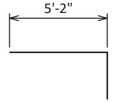
B313



B316



U401, D401



U409, D409

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-66-94

DRAWN BY AJS | PLANS CK'D ALK

BAR REINFORCEMENT DETAILS

SHEET 8

SCALE = 12.0

8

8

FILE NAME: S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-080101-ST.DWG

LAYOUT NAME: SHT8

PLOT DATE : ----

PLOT BY : AARON SARAUER

I.D. 2711-06-70

DATE: JUL 2023

DIVISION 1 - CTH P

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
		CUT	FILL	MARSH EXC	CUT	FILL	MARSH EXC	CUT 1.00	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.00	REDUCED MARSH IN FILL 0.60	MASS ORDINATE
					NOTE 1	NOTE 3		NOTE 1		NOTE 4	NOTE 6	NOTE 8
480+00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0
480+26.784	26.78	0.00	0.00	0.00	0	0	0	0	0	0	0	0
481+00	73.22	130.19	0.98	0.00	177	1	0	177	1	0	0	176
482+00	100.00	113.59	6.96	0.00	451	15	0	628	20	0	0	608
483+00	100.00	144.58	2.58	0.00	478	18	0	1,106	43	0	0	1,064
484+00	100.00	90.18	12.29	0.00	435	28	0	1,541	78	0	0	1,464
485+00	100.00	107.76	7.37	0.00	367	36	0	1,908	123	0	0	1,786
486+00	100.00	89.43	15.14	0.00	365	42	0	2,273	175	0	0	2,098
487+00	100.00	146.67	13.09	0.00	437	52	0	2,710	240	0	0	2,470
488+00	100.00	186.36	7.43	0.00	617	38	0	3,327	288	0	0	3,040
489+00	100.00	204.10	9.25	0.00	723	31	0	4,050	326	0	0	3,724
490+00	100.00	162.25	12.25	0.00	678	40	0	4,728	376	0	0	4,352
491+00	100.00	81.10	15.73	0.00	451	52	0	5,179	441	0	0	4,738
492+00	100.00	67.53	16.50	0.00	275	60	0	5,454	516	0	0	4,938
493+00	100.00	75.69	22.46	0.00	265	72	0	5,719	606	0	0	5,113
494+00	100.00	111.18	0.00	0.00	346	42	0	6,065	659	0	0	5,406
495+00	100.00	119.15	0.00	0.00	427	0	0	6,492	659	0	0	5,833
496+00	100.00	201.74	0.00	0.00	594	0	0	7,086	659	0	0	6,427
497+00	100.00	185.83	0.00	0.00	718	0	0	7,804	659	0	0	7,145
498+00	100.00	117.01	0.06	0.00	561	0	0	8,365	659	0	0	7,706
499+00	100.00	74.00	12.36	0.00	354	23	0	8,719	688	0	0	8,032
500+00	100.00	61.18	26.94	0.00	250	73	0	8,969	779	0	0	8,190
501+00	100.00	116.02	11.11	10.00	328	70	19	9,297	852	19	11	8,445
502+00	100.00	88.33	18.45	26.59	378	55	68	9,675	870	87	52	8,805
503+00	100.00	71.34	78.40	5.29	296	179	59	9,971	1,049	146	88	8,922
503+25	25.00	71.21	72.02	6.31	66	70	5	10,037	1,133	151	91	8,904
504+00	75.00	68.92	58.75	0.00	195	182	9	10,232	1,354	160	96	8,878
505+00	100.00	101.25	22.10	0.00	315	150	0	10,547	1,541	160	96	9,006
506+00	100.00	113.57	0.83	0.00	398	42	0	10,945	1,594	160	96	9,351
507+00	100.00	226.94	0.00	0.00	631	2	0	11,576	1,596	160	96	9,980
508+00	100.00	317.35	0.00	0.00	1,008	0	0	12,584	1,596	160	96	10,988
509+00	100.00	440.69	0.00	0.00	1,404	0	0	13,988	1,596	160	96	12,392
510+00	100.00	485.43	0.00	0.00	1,715	0	0	15,703	1,596	160	96	14,107
511+00	100.00	422.17	0.00	0.00	1,681	0	0	17,384	1,596	160	96	15,788
512+00	100.00	176.25	5.57	0.00	1,108	10	0	18,492	1,609	160	96	16,883
513+00	100.00	86.84	43.73	0.00	487	91	0	18,979	1,723	160	96	17,257
514+00	100.00	66.91	44.13	0.00	285	163	0	19,264	1,926	160	96	17,338
515+00	100.00	95.82	36.67	0.00	301	150	0	19,565	2,114	160	96	17,451
516+00	100.00	134.85	41.53	0.00	427	145	0	19,992	2,295	160	96	17,697
517+00	100.00	155.73	41.56	0.00	538	154	0	20,530	2,488	160	96	18,043

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - EXPANDED MARSH BACKFILL	WILL BE BACKFILLED WITH BREAKER RUN
5 - EXPANDED EBS	NOT USED
6 - REDUCED MARSH IN FILL	REDUCED MARSH EXCAVATION THAT CAN BE USED IN FILL
7 - REDUCED EBS IN FILL	NOT USED
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

DIVISION 1 - CTH P

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
		CUT	FILL	MARSH EXC	CUT	FILL	MARSH EXC	CUT 1.00	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.00	REDUCED MARSH IN FILL 0.60	MASS ORDINATE
					NOTE 1	NOTE 3		NOTE 1		NOTE 4	NOTE 6	NOTE 8
518+00	100.00	180.89	31.03	0.00	623	134	0	21,153	2,655	160	96	18,498
519+00	100.00	153.04	15.82	0.00	618	87	0	21,771	2,764	160	96	19,007
520+00	100.00	128.22	19.21	0.00	521	65	0	22,292	2,845	160	96	19,447
521+00	100.00	76.82	0.00	0.00	380	36	0	22,672	2,890	160	96	19,782
522+00	100.00	98.98	12.78	0.00	326	24	0	22,998	2,920	160	96	20,078
523+00	100.00	98.60	19.72	0.00	366	60	0	23,364	2,995	160	96	20,369
524+00	100.00	125.44	1.51	0.00	415	39	0	23,779	3,044	160	96	20,735
525+00	100.00	219.15	0.00	0.00	638	3	0	24,417	3,048	160	96	21,370
526+00	100.00	373.28	0.00	0.00	1,097	0	0	25,514	3,048	160	96	22,467
527+00	100.00	485.08	0.00	0.00	1,590	0	0	27,104	3,048	160	96	24,057
528+00	100.00	577.80	0.00	0.00	1,968	0	0	29,072	3,048	160	96	26,025
529+00	100.00	399.88	0.00	0.00	1,811	0	0	30,883	3,048	160	96	27,836
530+00	100.00	203.47	0.01	0.00	1,117	0	0	32,000	3,048	160	96	28,953
531+00	100.00	75.54	17.24	0.00	517	32	0	32,517	3,088	160	96	29,430
532+00	100.00	24.75	55.88	0.00	186	135	0	32,703	3,256	160	96	29,447
533+00	100.00	37.30	77.14	0.00	115	246	0	32,818	3,564	160	96	29,254
533+50	50.00	38.64	94.72	36.39	70	159	34	32,888	3,737	194	116	29,151
534+00	50.00	52.62	95.29	59.30	85	176	89	32,973	3,890	283	170	29,083
534+75	75.00	37.81	46.30	28.71	126	197	122	33,099	4,045	405	243	29,054
535+00	25.00	57.64	44.34	0.00	44	42	13	33,143	4,088	418	251	29,055
536+00	100.00	268.69	0.00	0.00	604	82	0	33,747	4,190	418	251	29,557
537+00	100.00	704.37	0.00	0.00	1,802	0	0	35,549	4,190	418	251	31,359
538+00	100.00	1076.14	0.00	0.00	3,297	0	0	38,846	4,190	418	251	34,656
539+00	100.00	1376.01	0.00	0.00	4,541	0	0	43,387	4,190	418	251	39,197
540+00	100.00	1503.51	0.00	0.00	5,332	0	0	48,719	4,190	418	251	44,529
541+00	100.00	1413.52	0.00	0.00	5,402	0	0	54,121	4,190	418	251	49,931
542+00	100.00	926.07	0.00	0.00	4,333	0	0	58,454	4,190	418	251	54,264
543+00	100.00	471.92	0.00	0.00	2,589	0	0	61,043	4,190	418	251	56,853
544+00	100.00	125.22	0.00	0.00	1,106	0	0	62,149	4,190	418	251	57,959
545+00	100.00	25.68	151.38	0.00	279	280	0	62,428	4,540	418	251	57,888
545+50	50.00	4.87	601.16	45.05	28	697	42	62,456	5,380	460	276	57,076
546+00	50.00	5.43	315.79	30.77	10	849	70	62,466	6,389	530	318	56,077
546+25	25.00	5.58	292.75	25.78	5	282	26	62,471	6,722	556	334	55,749
547+00	75.00	30.08	124.97	0.00	50	580	36	62,521	7,420	592	355	55,101
548+00	100.00	25.48	35.31	0.00	103	297	0	62,624	7,791	592	355	54,833
549+00	100.00	128.43	0.28	0.00	285	66	0	62,909	7,874	592	355	55,036
550+00	100.00	256.64	0.00	0.00	713	1	0	63,622	7,875	592	355	55,747
551+00	100.00	220.28	0.00	0.00	883	0	0	64,505	7,875	592	355	56,630
552+00	100.00	132.76	0.42	0.00	654	1	0	65,159	7,876	592	355	57,283
553+00	100.00	106.09	0.13	0.00	442	1	0	65,601	7,877	592	355	57,724

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - EXPANDED MARSH BACKFILL	WILL BE BACKFILLED WITH BREAKER RUN
5 - EXPANDED EBS	NOT USED
6 - REDUCED MARSH IN FILL	REDUCED MARSH EXCAVATION THAT CAN BE USED IN FILL
7 - REDUCED EBS IN FILL	NOT USED
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

DIVISION 1 - CTH P

STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
		CUT	FILL	MARSH EXC	CUT	FILL	MARSH EXC	CUT 1.00	EXPANDED FILL 1.25	EXPANDED MARSH BACKFILL 1.00	REDUCED MARSH IN FILL 0.60	MASS ORDINATE
					NOTE 1	NOTE 3		NOTE 1		NOTE 4	NOTE 6	NOTE 8
554+00	100.00	90.66	1.75	0.00	364	3	0	65,965	7,881	592	355	58,084
555+00	100.00	86.05	4.07	0.00	327	11	0	66,292	7,895	592	355	58,397
556+00	100.00	95.95	1.49	0.00	337	10	0	66,629	7,907	592	355	58,722
557+00	100.00	94.74	0.55	0.00	353	4	0	66,982	7,912	592	355	59,070
558+00	100.00	108.18	1.02	0.00	376	3	0	67,358	7,916	592	355	59,442
559+00	100.00	122.03	4.94	0.00	426	11	0	67,784	7,930	592	355	59,854
560+00	100.00	131.32	0.57	0.00	469	10	0	68,253	7,942	592	355	60,311
561+00	100.00	169.10	13.02	0.00	556	25	0	68,809	7,974	592	355	60,836
562+00	100.00	115.47	46.07	0.00	527	109	0	69,336	8,110	592	355	61,226
563+00	100.00	122.91	53.81	0.00	441	185	0	69,777	8,341	592	355	61,436
564+00	100.00	133.79	56.57	0.00	475	204	0	70,252	8,596	592	355	61,656
564+75	75.00	226.91	61.35	40.76	501	164	57	70,753	8,758	649	389	61,995
565+00	25.00	128.53	62.82	31.84	165	57	34	70,918	8,804	683	410	62,114
566+00	100.00	200.69	212.17	25.42	610	509	106	71,528	9,361	789	473	62,167
566+25	25.00	111.77	51.42	40.43	145	122	30	71,673	9,491	819	491	62,182
567+00	75.00	80.61	32.19	0.00	267	116	56	71,940	9,594	875	525	62,346
567+50	50.00	53.34	47.35	0.00	124	74	0	72,064	9,686	875	525	62,378
568+00	50.00	55.41	40.79	0.00	101	82	0	72,165	9,789	875	525	62,376
568+50	50.00	68.30	9.24	0.00	115	46	0	72,280	9,846	875	525	62,434
569+00	50.00	71.21	23.15	0.00	129	30	0	72,409	9,884	875	525	62,525
569+50	50.00	77.67	19.58	0.00	138	40	0	72,547	9,934	875	525	62,613
570+00	50.00	104.78	0.07	0.00	169	18	0	72,716	9,956	875	525	62,760
570+50	50.00	108.02	3.74	0.00	197	4	0	72,913	9,961	875	525	62,952
571+00	50.00	108.54	0.00	0.00	201	3	0	73,114	9,965	875	525	63,149
571+50	50.00	94.85	8.06	0.00	188	7	0	73,302	9,974	875	525	63,328
572+00	50.00	114.47	0.00	0.00	194	7	0	73,496	9,983	875	525	63,514
572+50	50.00	121.52	0.22	0.00	219	0	0	73,715	9,983	875	525	63,733
573+00	50.00	120.84	0.88	0.00	224	1	0	73,939	9,984	875	525	63,955
573+50	50.00	144.24	1.28	0.00	245	2	0	74,184	9,986	875	525	64,198
574+00	50.00	135.77	0.00	0.00	259	1	0	74,443	9,988	875	525	64,456
574+50	50.00	135.52	0.00	0.00	251	0	0	74,694	9,988	875	525	64,707
575+00	50.00	203.01	0.07	0.00	313	0	0	75,007	9,988	875	525	65,020
575+50	50.00	194.99	2.99	0.00	369	3	0	75,376	9,991	875	525	65,385
576+00	50.00	182.56	3.15	0.00	350	6	0	75,726	9,999	875	525	65,727
576+50	50.00	172.11	4.55	0.00	328	7	0	76,054	10,008	875	525	66,047
577+00	50.00	168.98	2.75	0.00	316	7	0	76,370	10,016	875	525	66,354
					76,370	8,538	875					

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - EXPANDED MARSH BACKFILL	WILL BE BACKFILLED WITH BREAKER RUN
5 - EXPANDED EBS	NOT USED
6 - REDUCED MARSH IN FILL	REDUCED MARSH EXCAVATION THAT CAN BE USED IN FILL
7 - REDUCED EBS IN FILL	NOT USED
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

DIVISION 1 - PRIVATE ROAD

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						1.00	1.25	
				NOTE 1	NOTE 3	NOTE 1		NOTE 8
08+50	0.00	58.35	0.23	0	0	0	0	0
09+00	50.00	70.41	2.42	119	2	119	3	117
09+50	50.00	90.43	24.98	149	25	268	34	234
09+76	26.00	262.94	0.00	170	12	438	49	389
				438	39			

DIVISION 1 - WESTERN AVENUE (WEST)

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						1.00	1.25	
				NOTE 1	NOTE 3	NOTE 1		NOTE 8
18+50	0.00	59.61	2.22	0	0	0	0	0
19+00	50.00	76.30	0.00	126	2	126	3	124
19+50	50.00	344.31	4.83	389	4	515	8	508
19+76	26.00	132.64	9.77	230	7	745	16	729
				745	13			

DIVISION 1 - WESTERN AVENUE (EAST)

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						1.00	1.25	
				NOTE 1	NOTE 3	NOTE 1		NOTE 8
20+24.018	0.00	126.11	0.34	0	0	0	0	0
20+50	25.98	94.73	28.02	106	14	106	18	89
21+00	50.00	65.30	6.68	148	32	254	58	197
21+50	50.00	0.00	0.00	60	6	314	65	249
				314	52			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - EXPANDED MARSH BACKFILL	WILL BE BACKFILLED WITH BREAKER RUN
5 - EXPANDED EBS	NOT USED
6 - REDUCED MARSH IN FILL	REDUCED MARSH EXCAVATION THAT CAN BE USED IN FILL
7 - REDUCED EBS IN FILL	NOT USED
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

DIVISION 1 - SHERMAN ROAD (WEST)

STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 3	NOTE 1		NOTE 8
28+15	0.00	0.00	0.00	0	0	0	0	0
28+50	35.00	73.32	6.35	48	4	48	5	43
29+00	50.00	79.04	7.54	141	13	189	21	168
29+50	50.00	118.05	6.71	182	13	371	38	334
29+75.996	26.00	336.04	0.00	219	3	590	41	549
				590	33			

DIVISION 1 - SHERMAN ROAD (EAST)

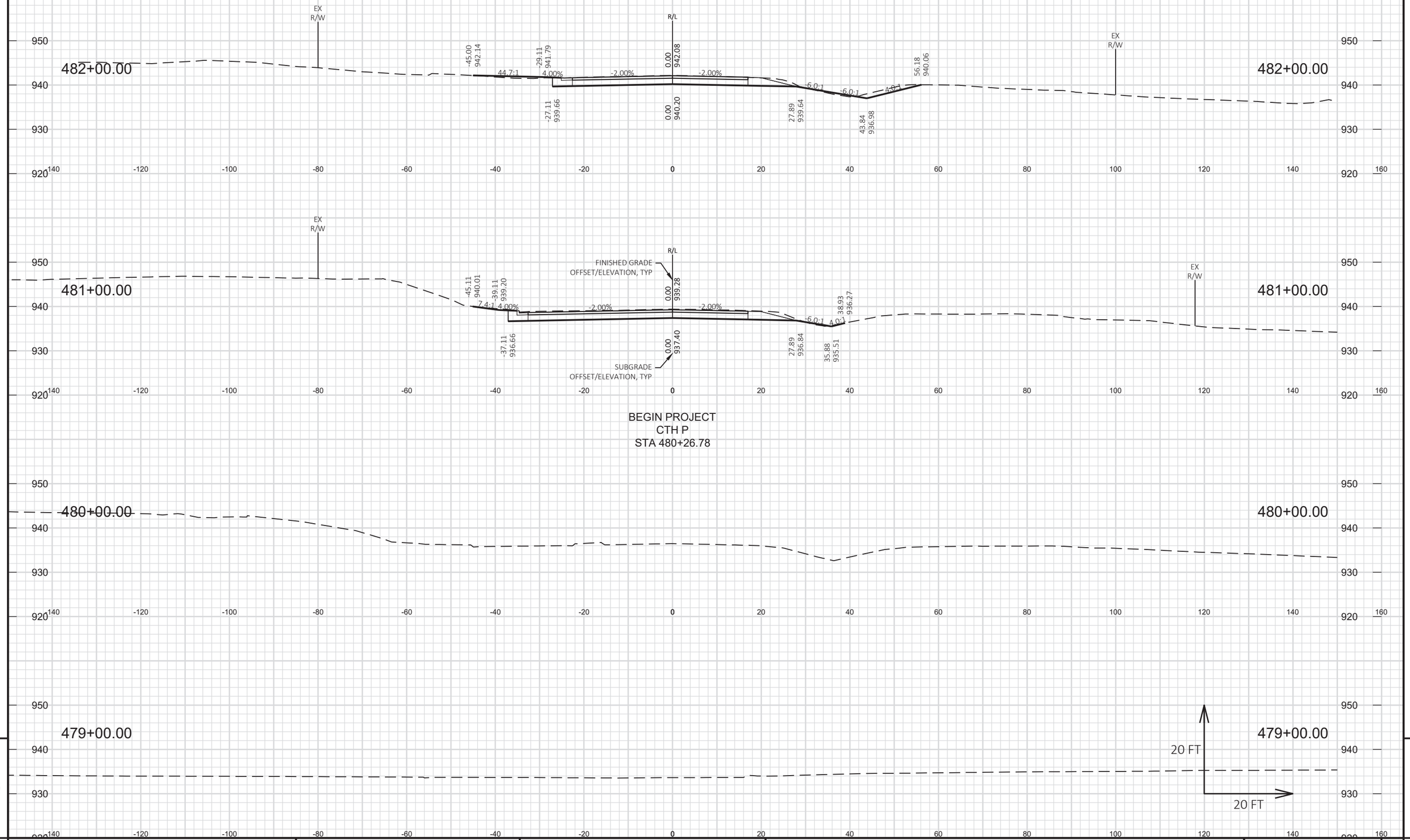
STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
				NOTE 1	NOTE 3	NOTE 1		NOTE 8
30+24.015	0.00	283.68	0.00	0	0	0	0	0
30+50	25.98	130.56	0.00	199	0	199	0	199
31+00	50.00	114.21	0.00	227	0	426	0	426
31+50	50.00	83.40	1.95	183	2	609	3	607
31+95	45.00	55.23	6.97	116	7	725	11	714
				725	9			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - EXPANDED MARSH BACKFILL	WILL BE BACKFILLED WITH BREAKER RUN
5 - EXPANDED EBS	NOT USED
6 - REDUCED MARSH IN FILL	REDUCED MARSH EXCAVATION THAT CAN BE USED IN FILL
7 - REDUCED EBS IN FILL	NOT USED
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

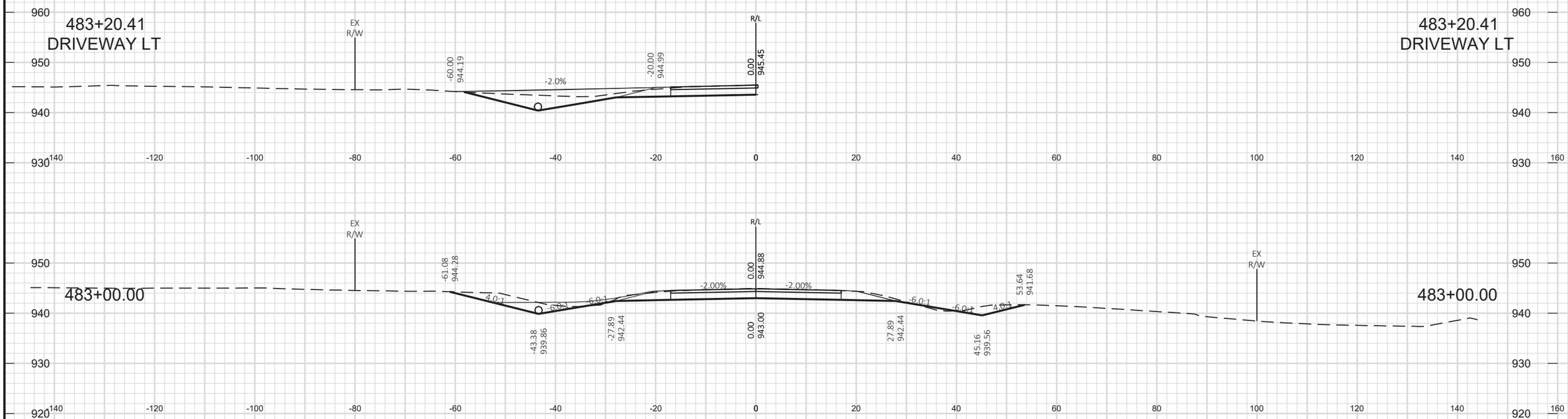
DIVISION 1 - POLK SPRING CREEK

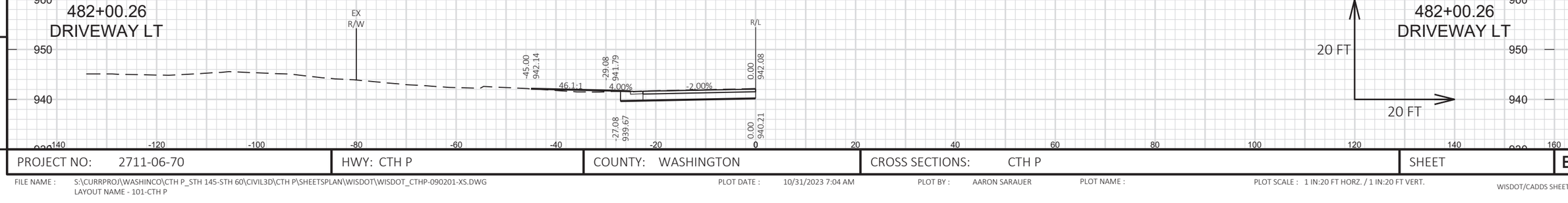
STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
		CUT	FILL	CUT	FILL	CUT	EXPANDED FILL	MASS ORDINATE
						1.00	1.25	
				NOTE 1	NOTE 3	NOTE 1		NOTE 8
90+22	0.00	1.16	0.96	0	0	0	0	0
90+50	28.00	101.61	0.00	53	0	53	0	53
91+00	50.00	91.42	0.00	179	0	232	0	232
91+50	50.00	93.10	0.00	171	0	403	0	403
92+00	50.00	92.21	0.00	172	0	575	0	575
92+50	50.00	90.27	0.00	169	0	744	0	744
93+00	50.00	91.53	0.00	168	0	912	0	912
93+50	50.00	98.45	0.00	176	0	1,088	0	1,088
94+00	50.00	95.40	0.00	179	0	1,267	0	1,267
94+50	50.00	84.11	0.00	166	0	1,433	0	1,433
95+00	50.00	78.27	0.00	150	0	1,583	0	1,583
95+47	47.00	24.12	0.00	89	0	1,672	0	1,672
				1,672	0			

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
4 - EXPANDED MARSH BACKFILL	WILL BE BACKFILLED WITH BREAKER RUN
5 - EXPANDED EBS	NOT USED
6 - REDUCED MARSH IN FILL	REDUCED MARSH EXCAVATION THAT CAN BE USED IN FILL
7 - REDUCED EBS IN FILL	NOT USED
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET E





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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

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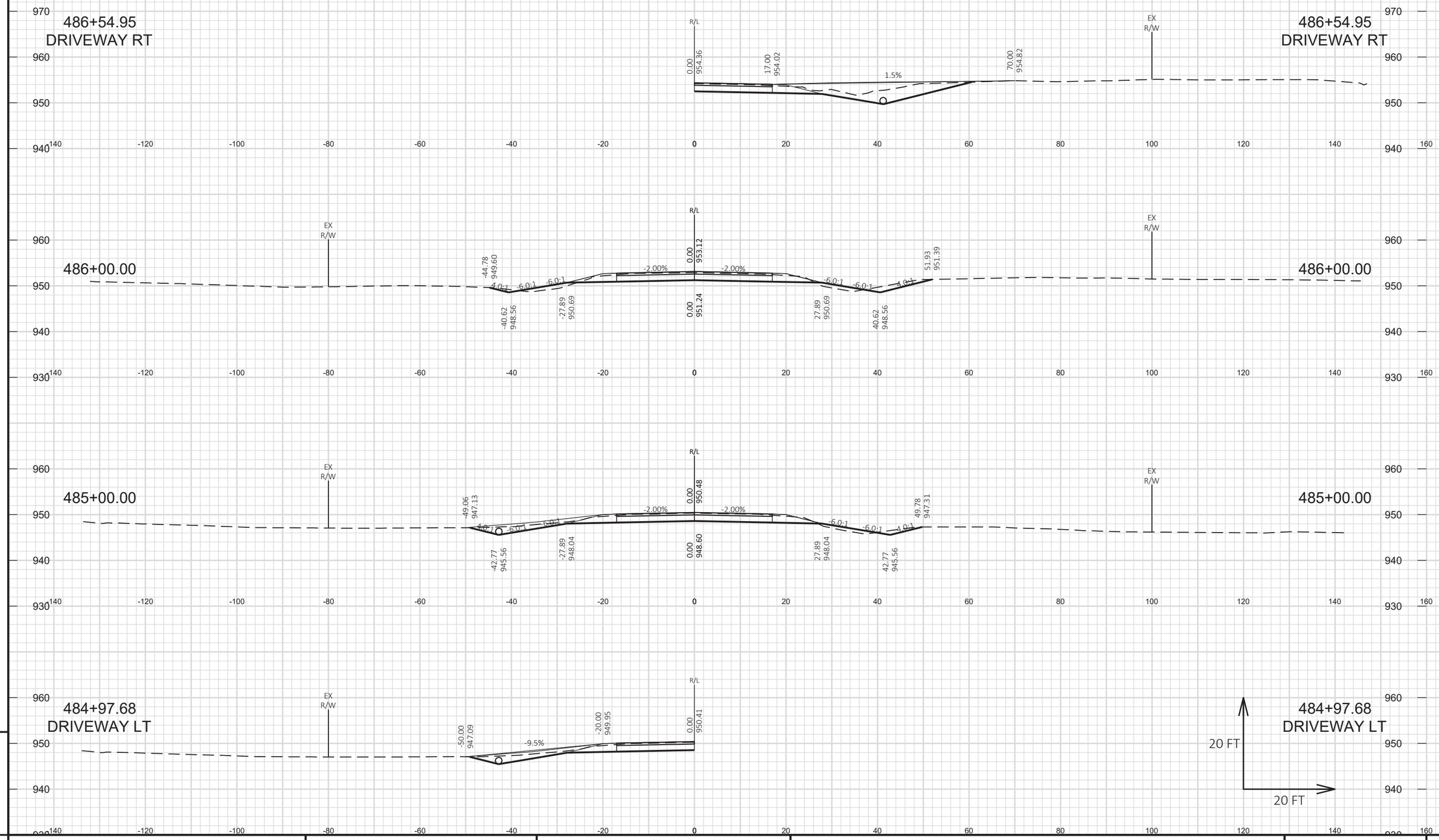
LAYOUT NAME - 101-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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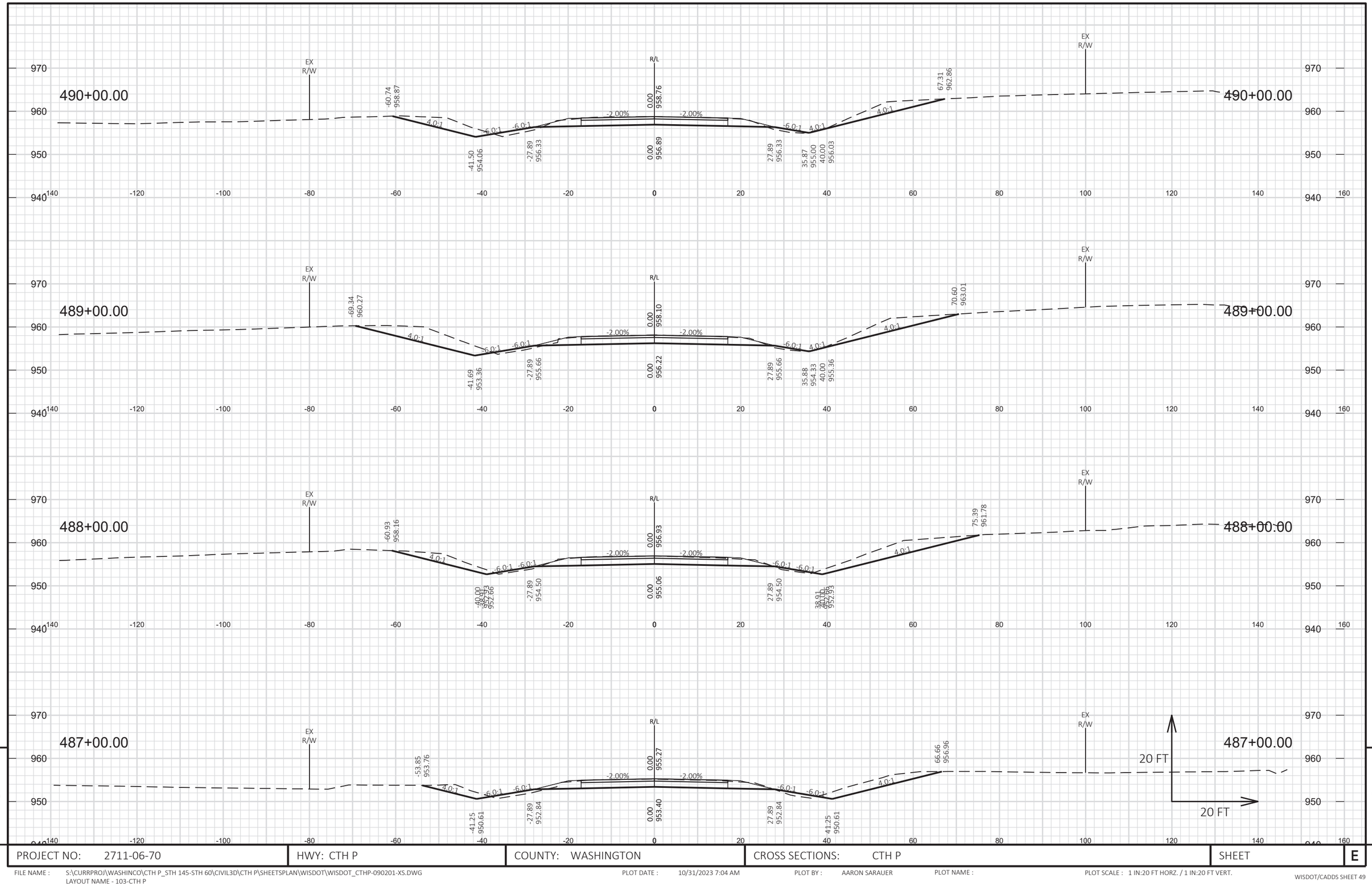
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 102-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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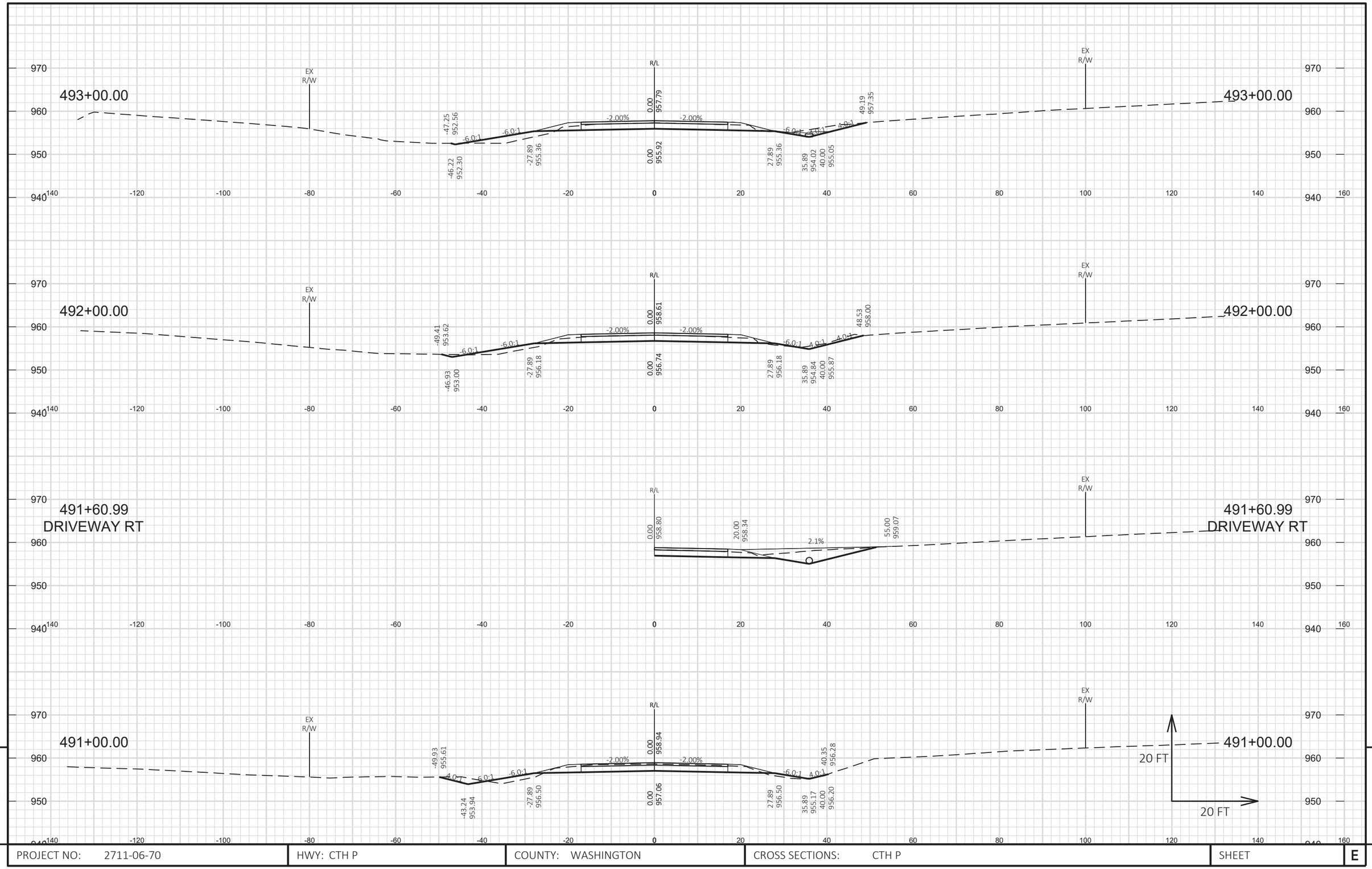
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 103-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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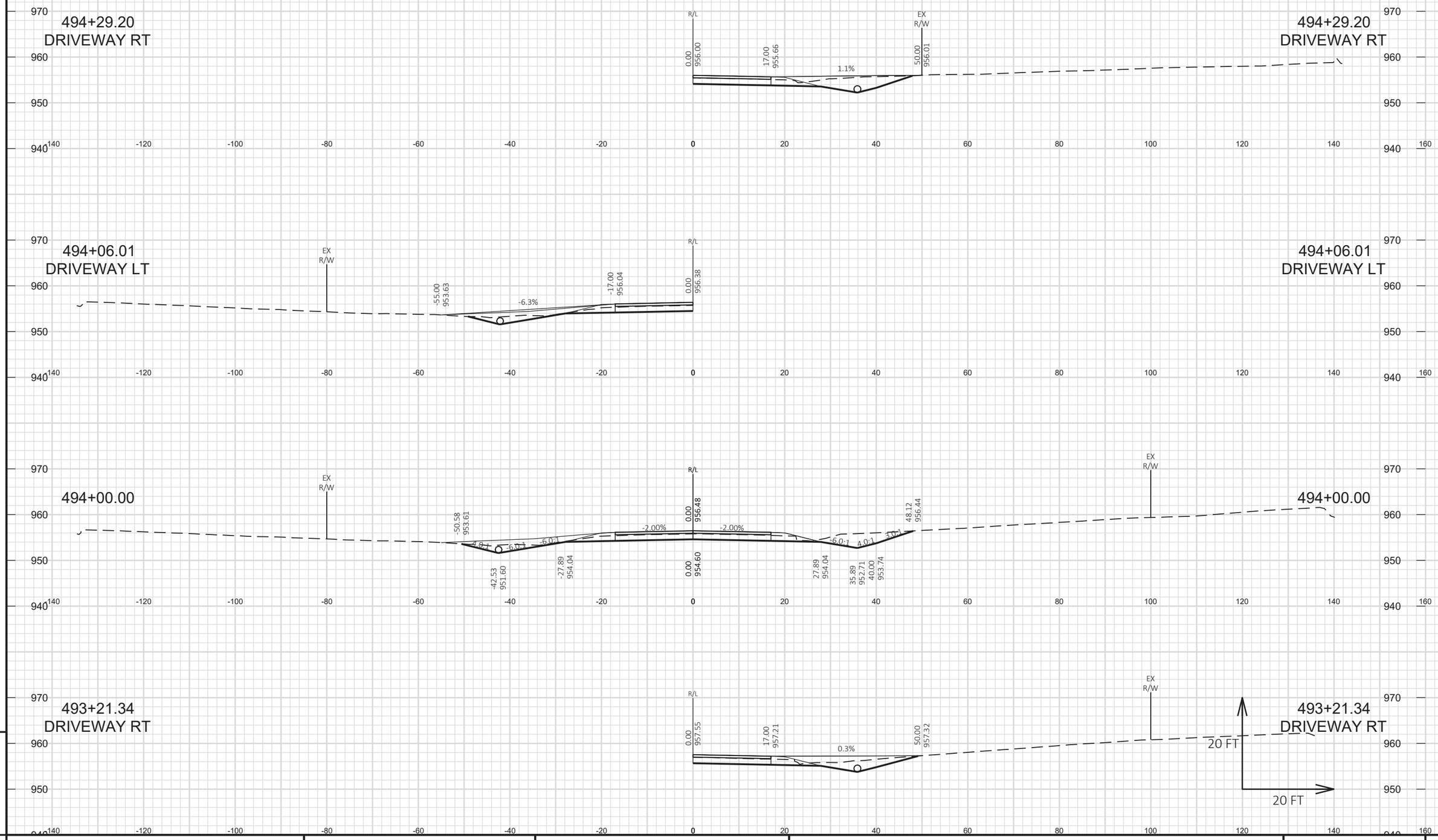
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 104-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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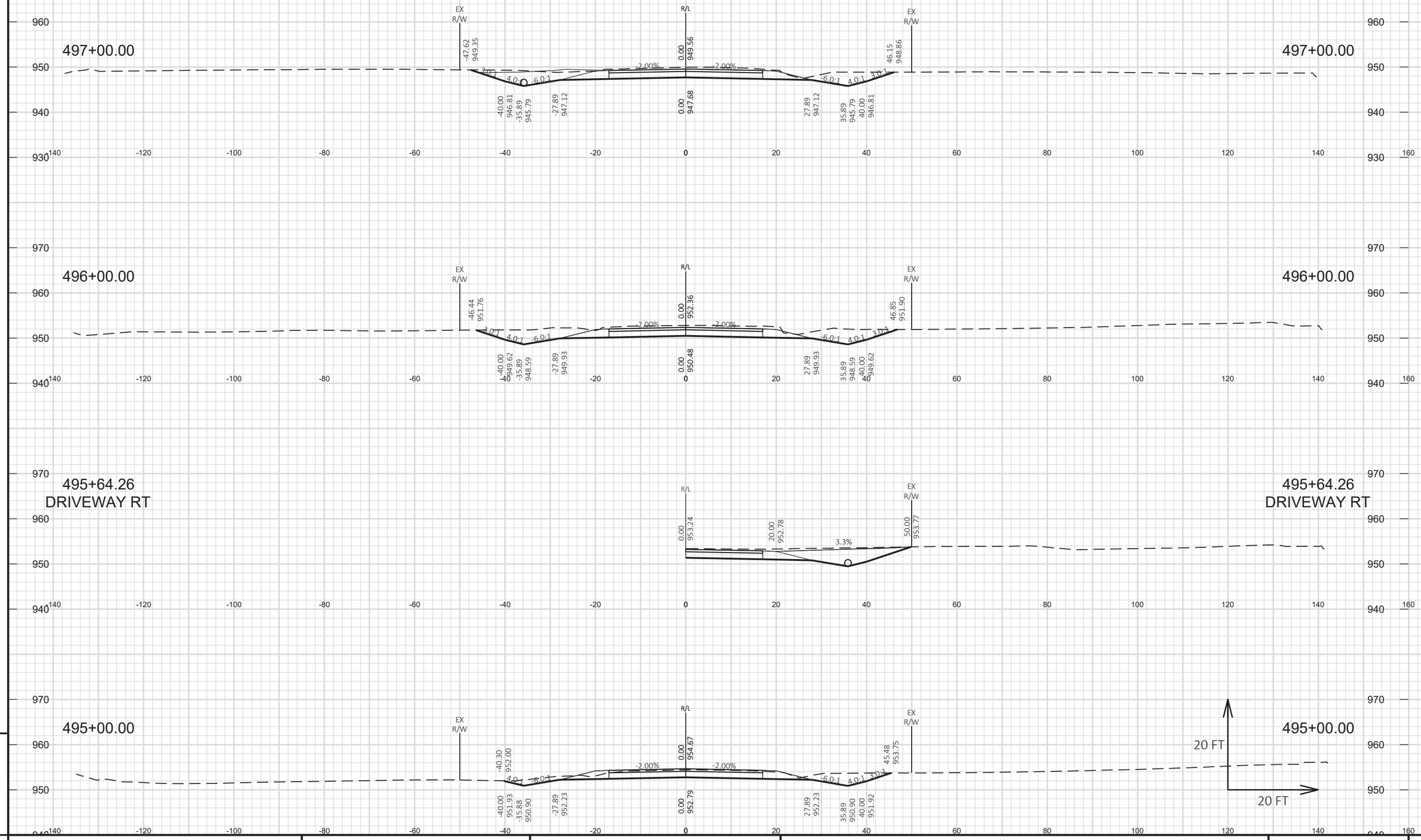
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 105-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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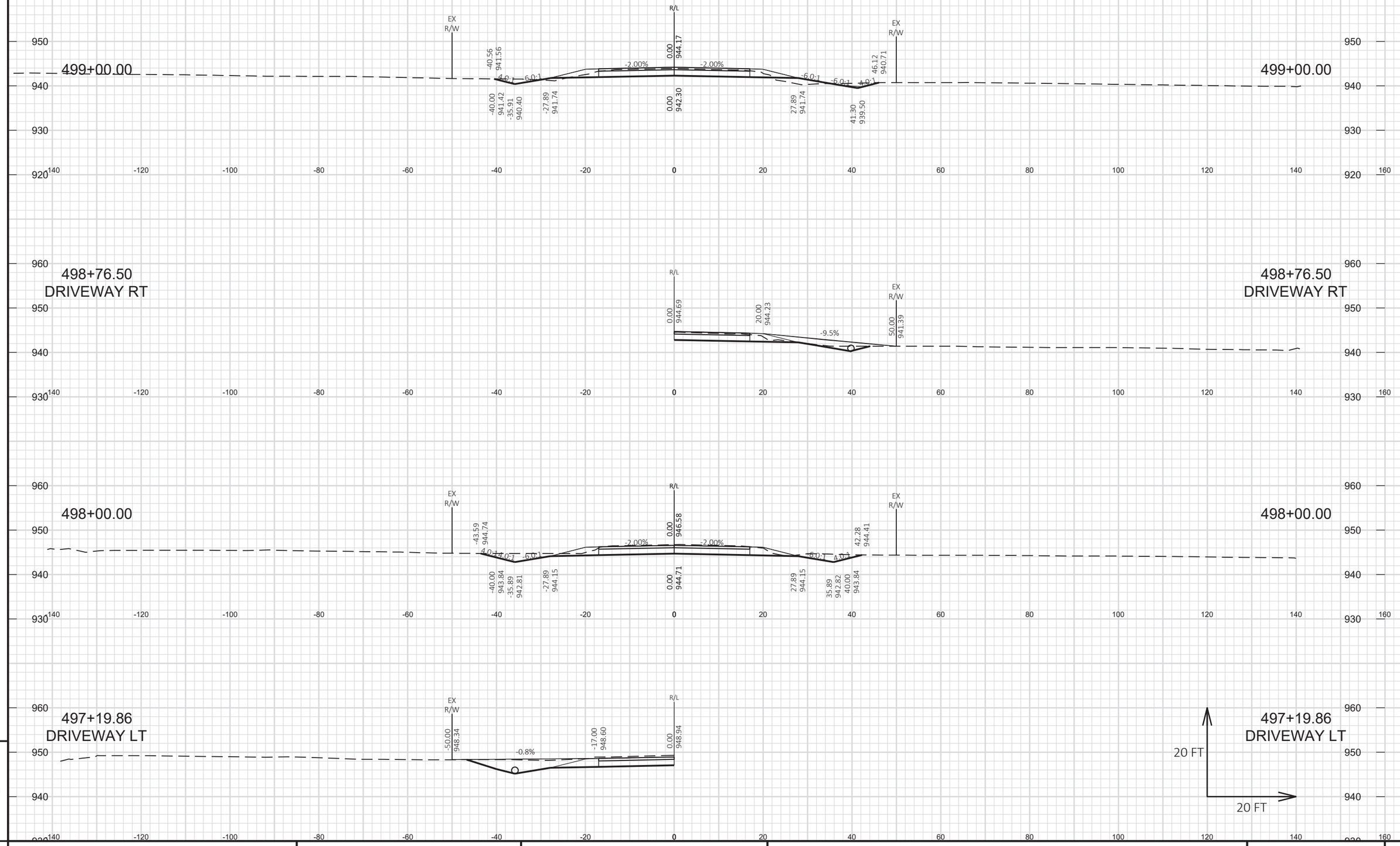
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 106-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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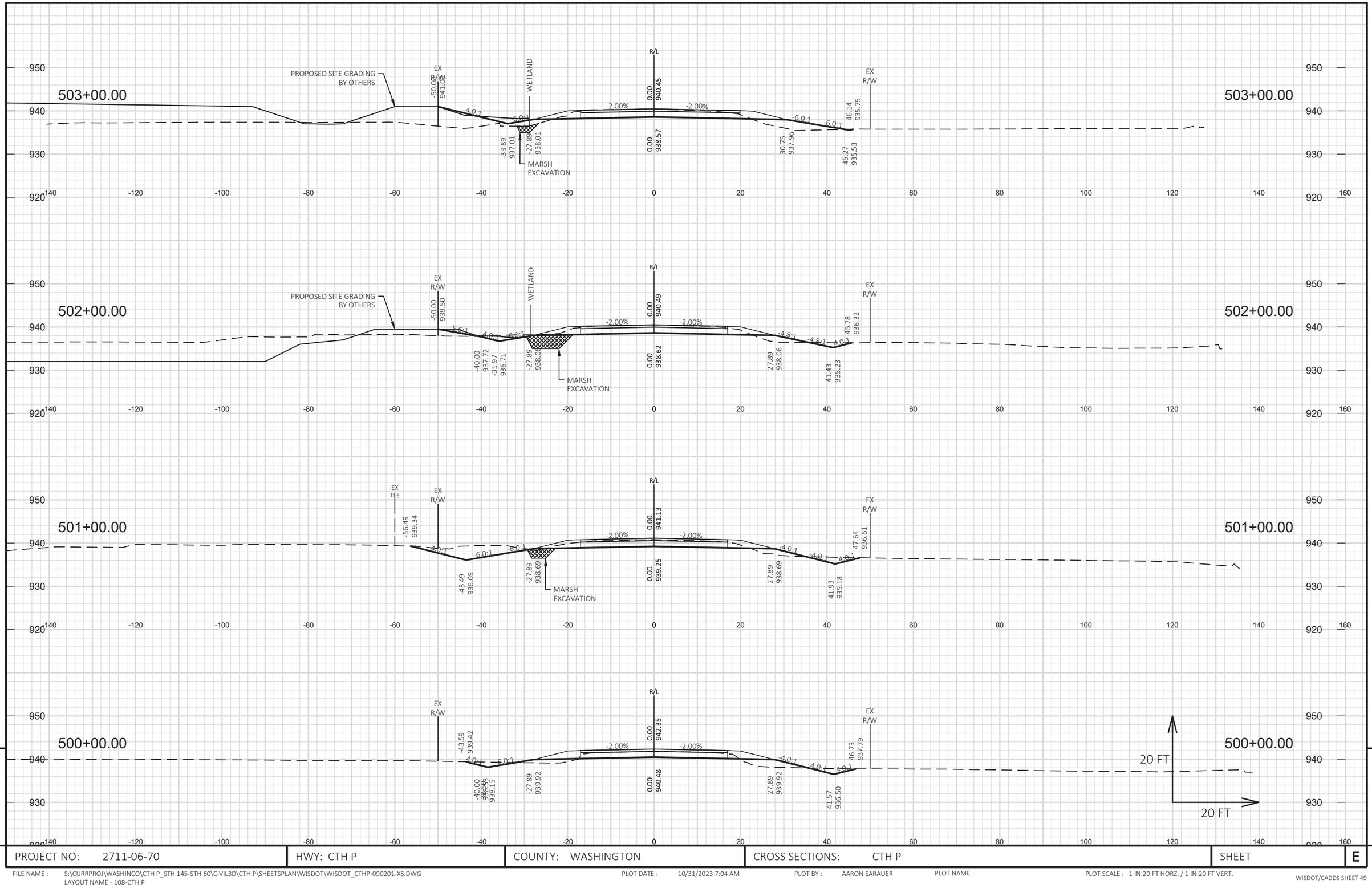
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 107-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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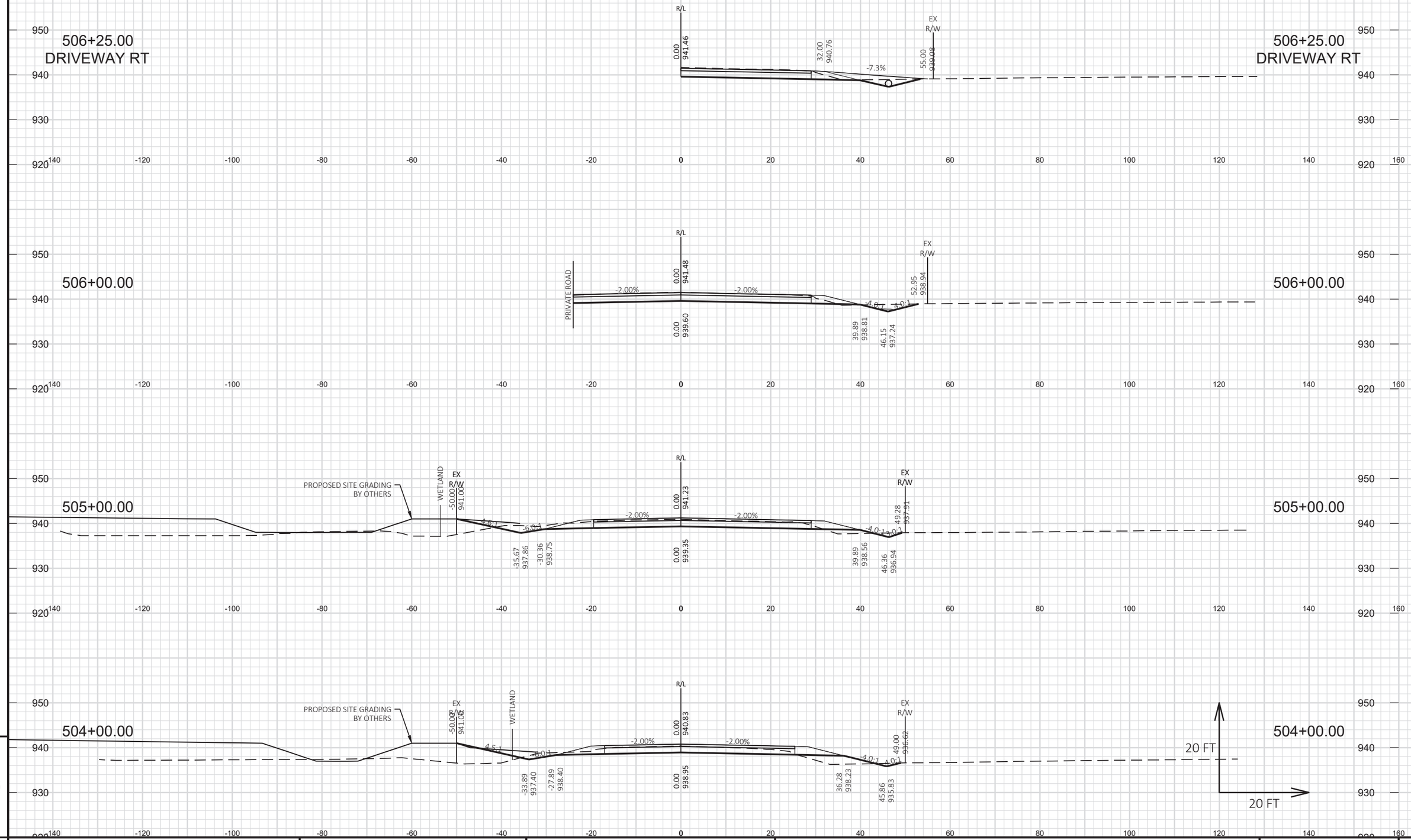
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 108-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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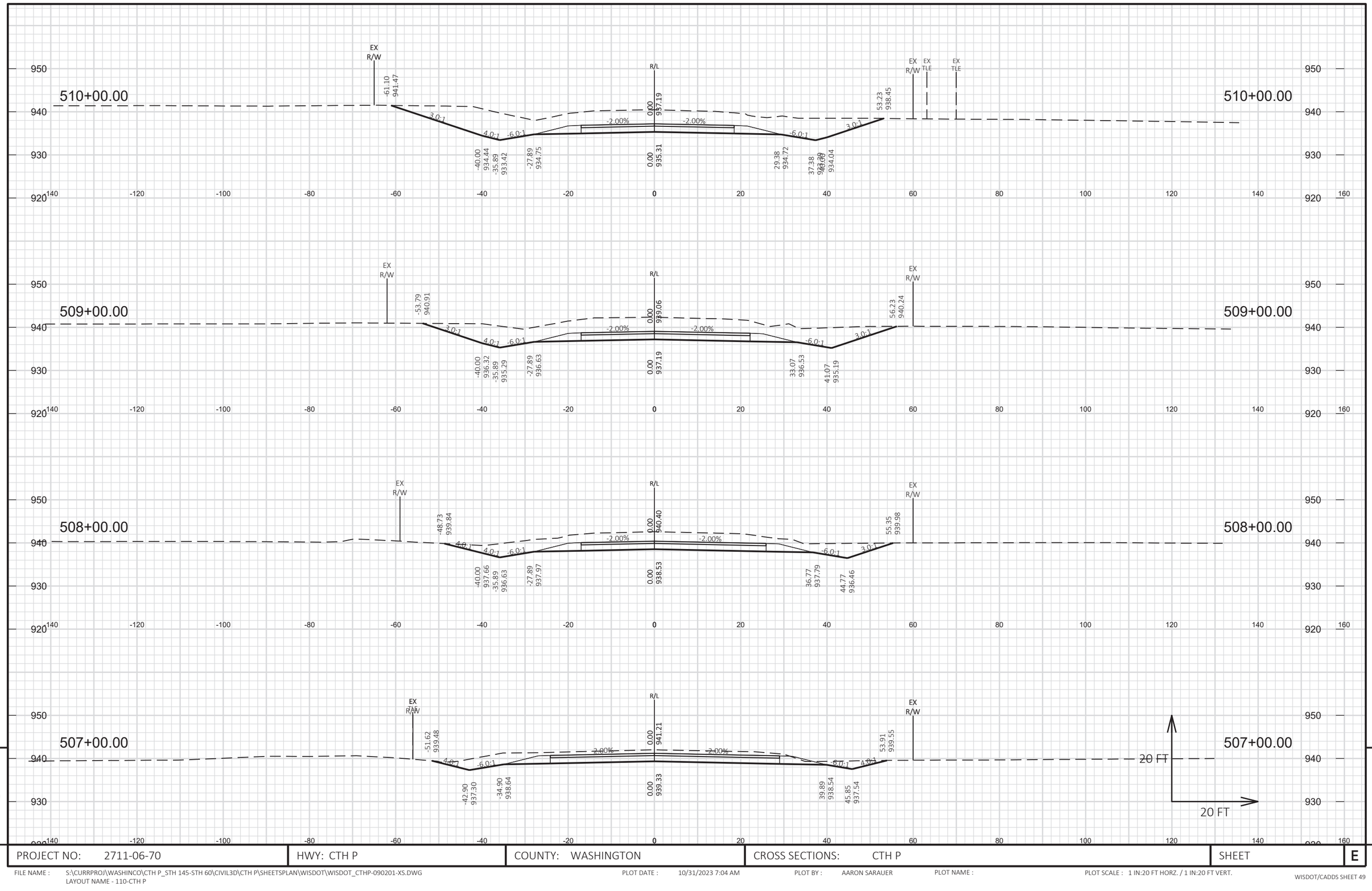
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 109-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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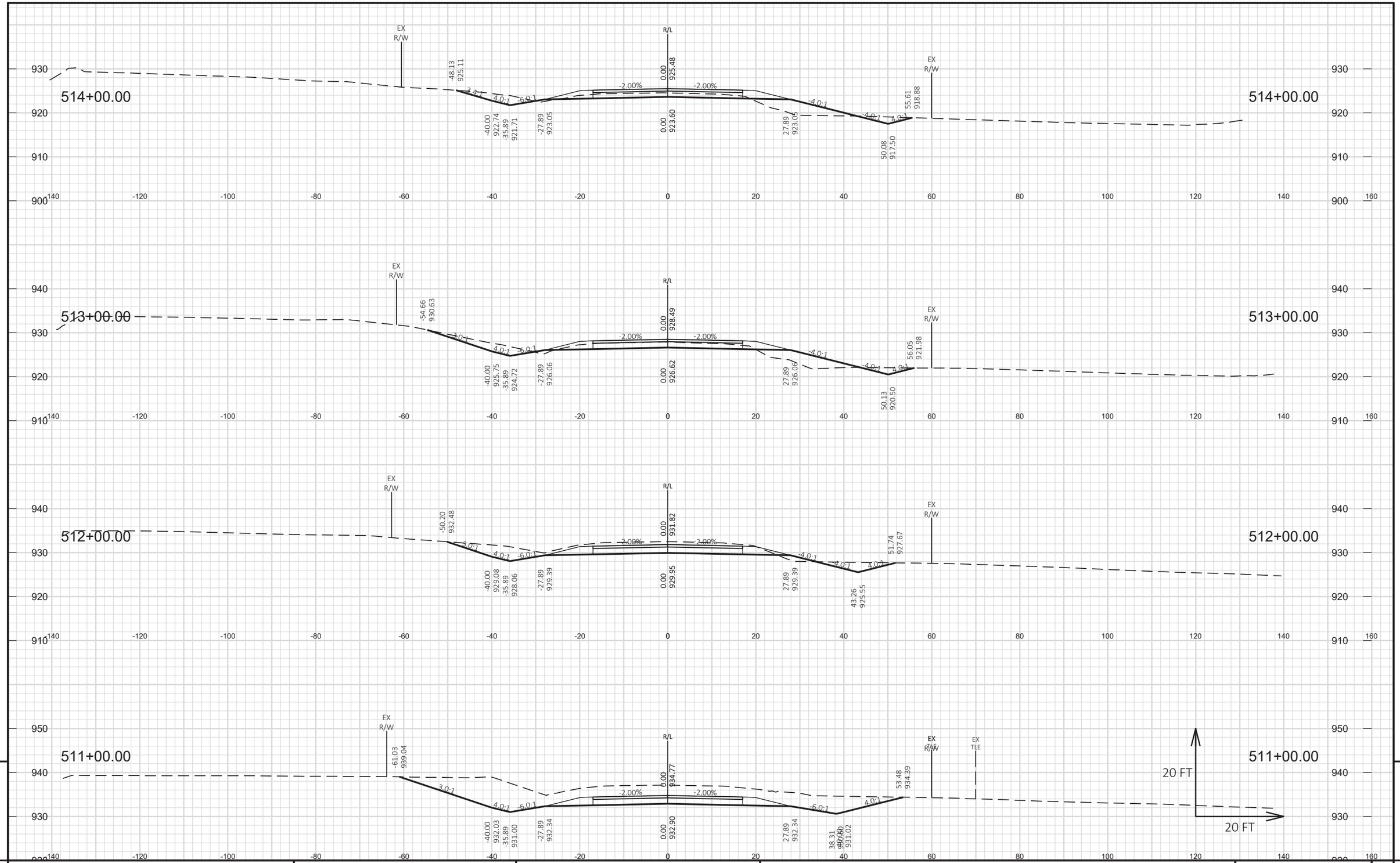
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 110-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 111-CTH P

PLOT DATE : 10/31/2023 7:04 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

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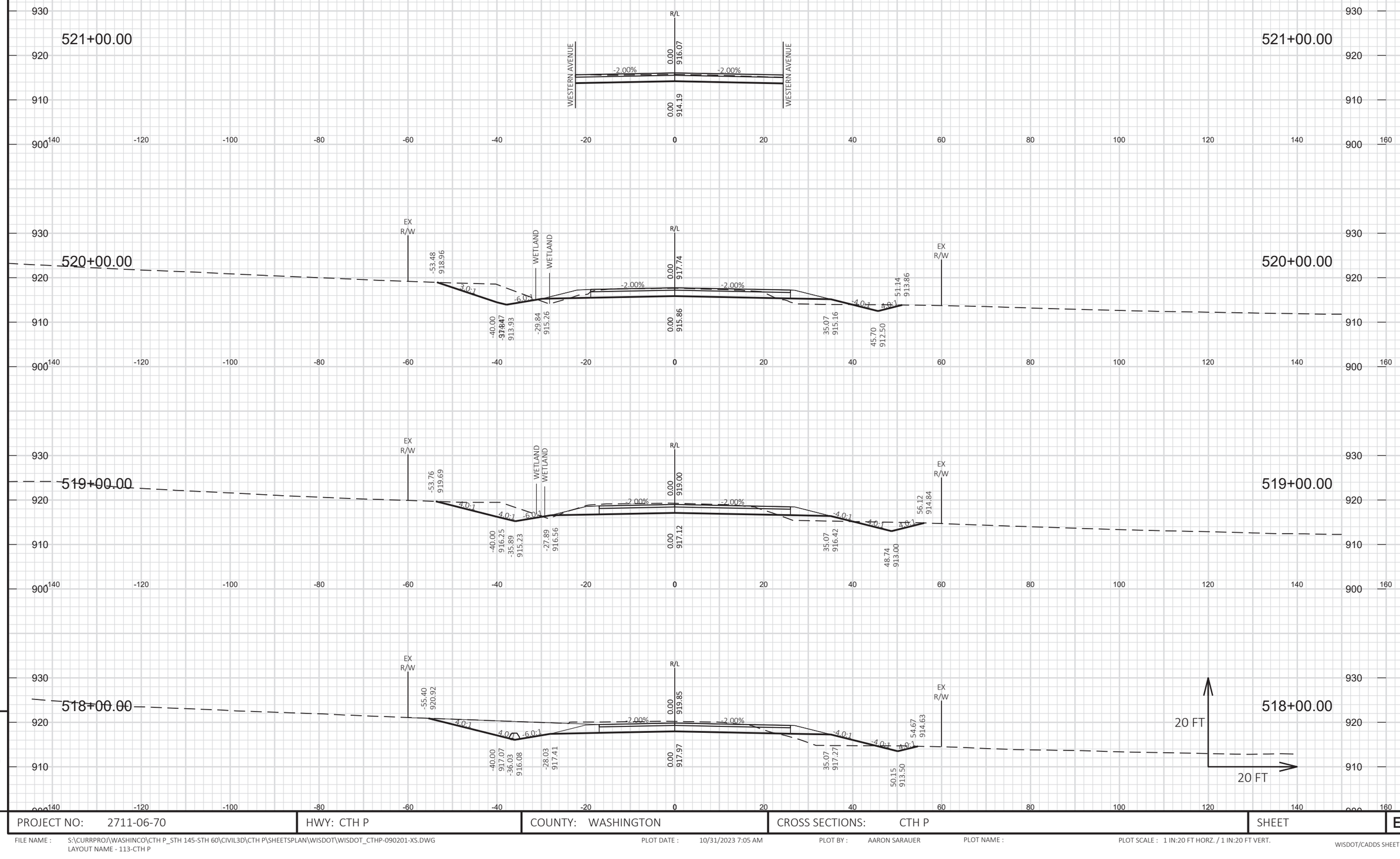
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 112-CTH P

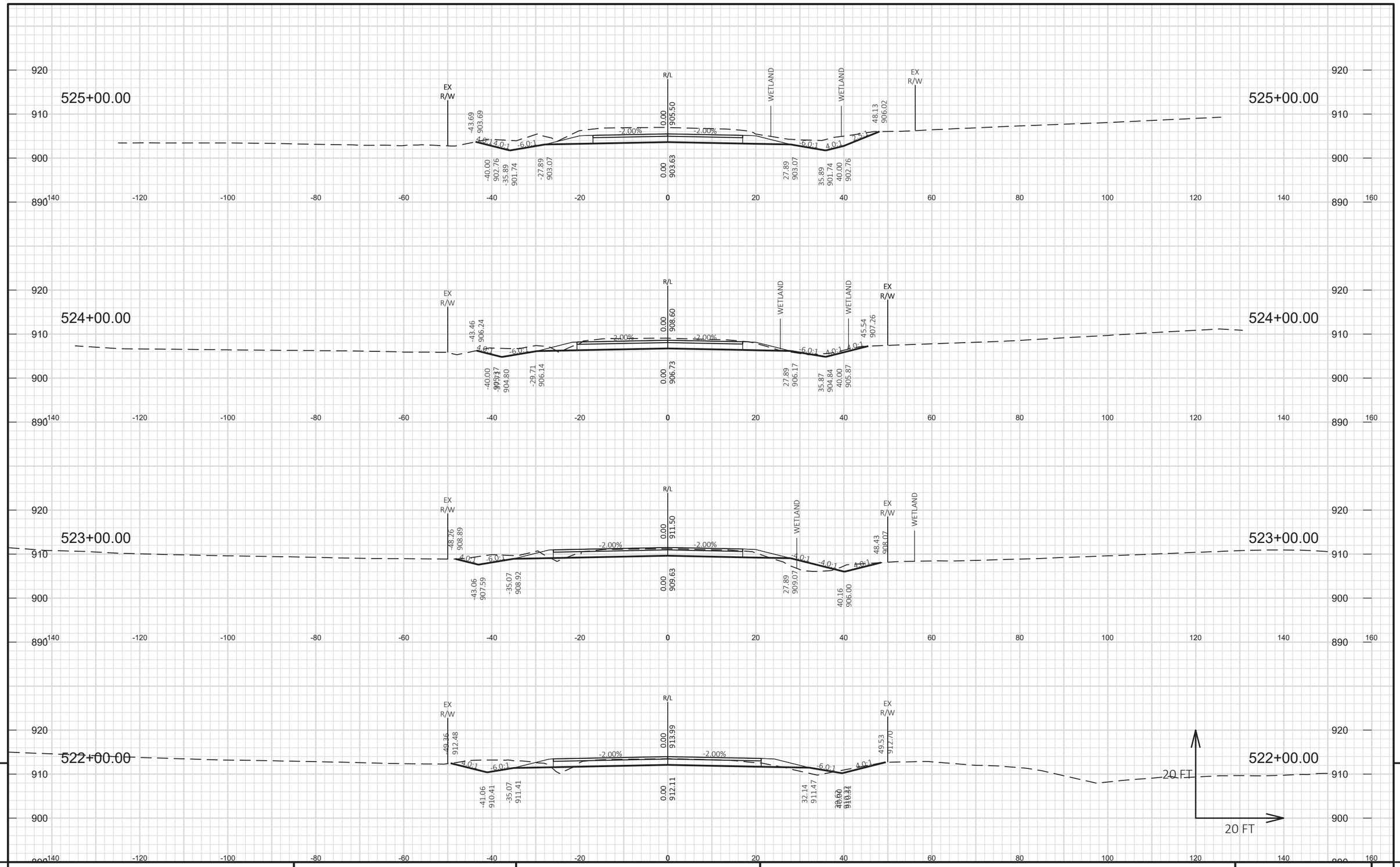
PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 113-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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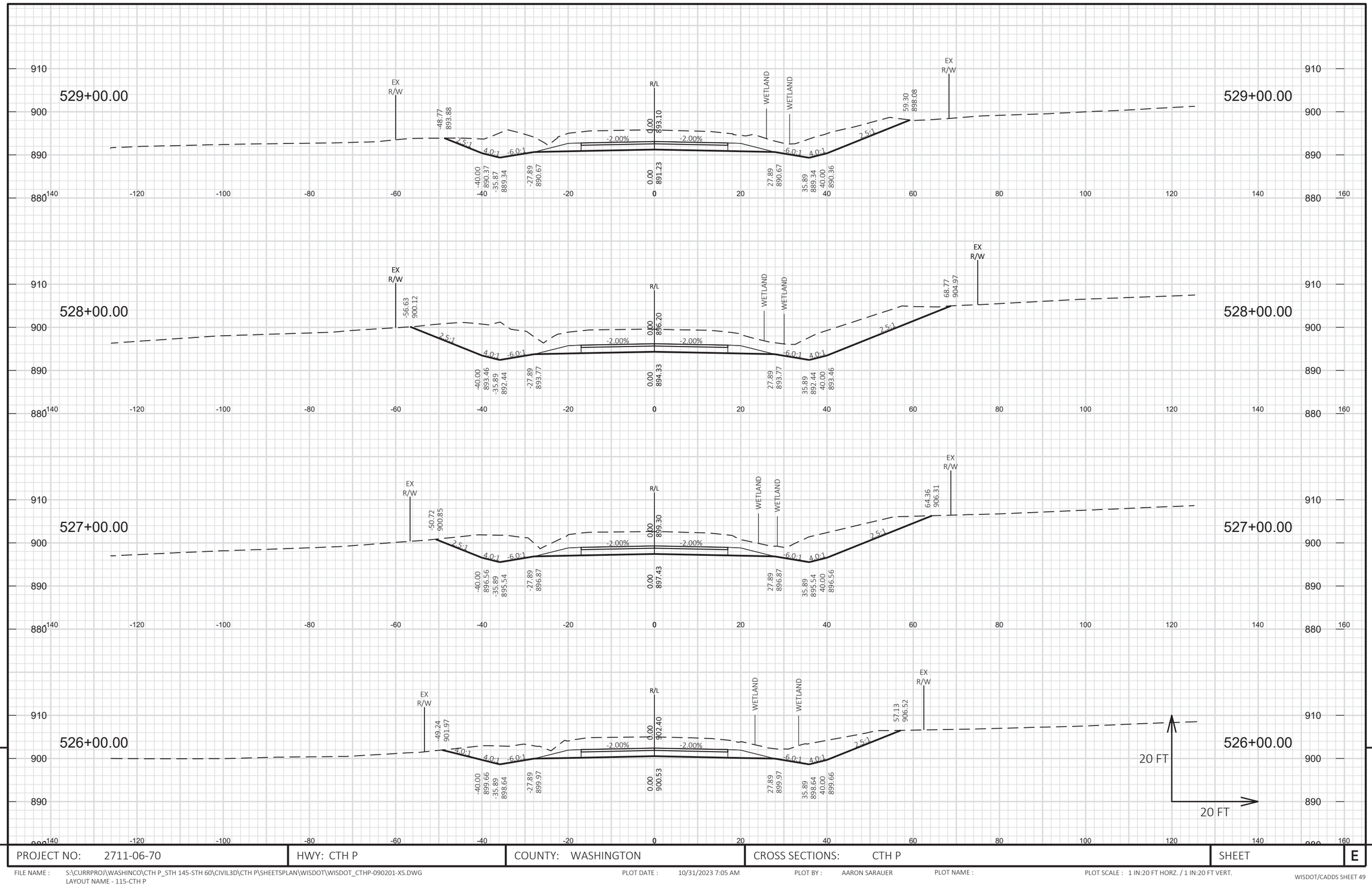
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 114-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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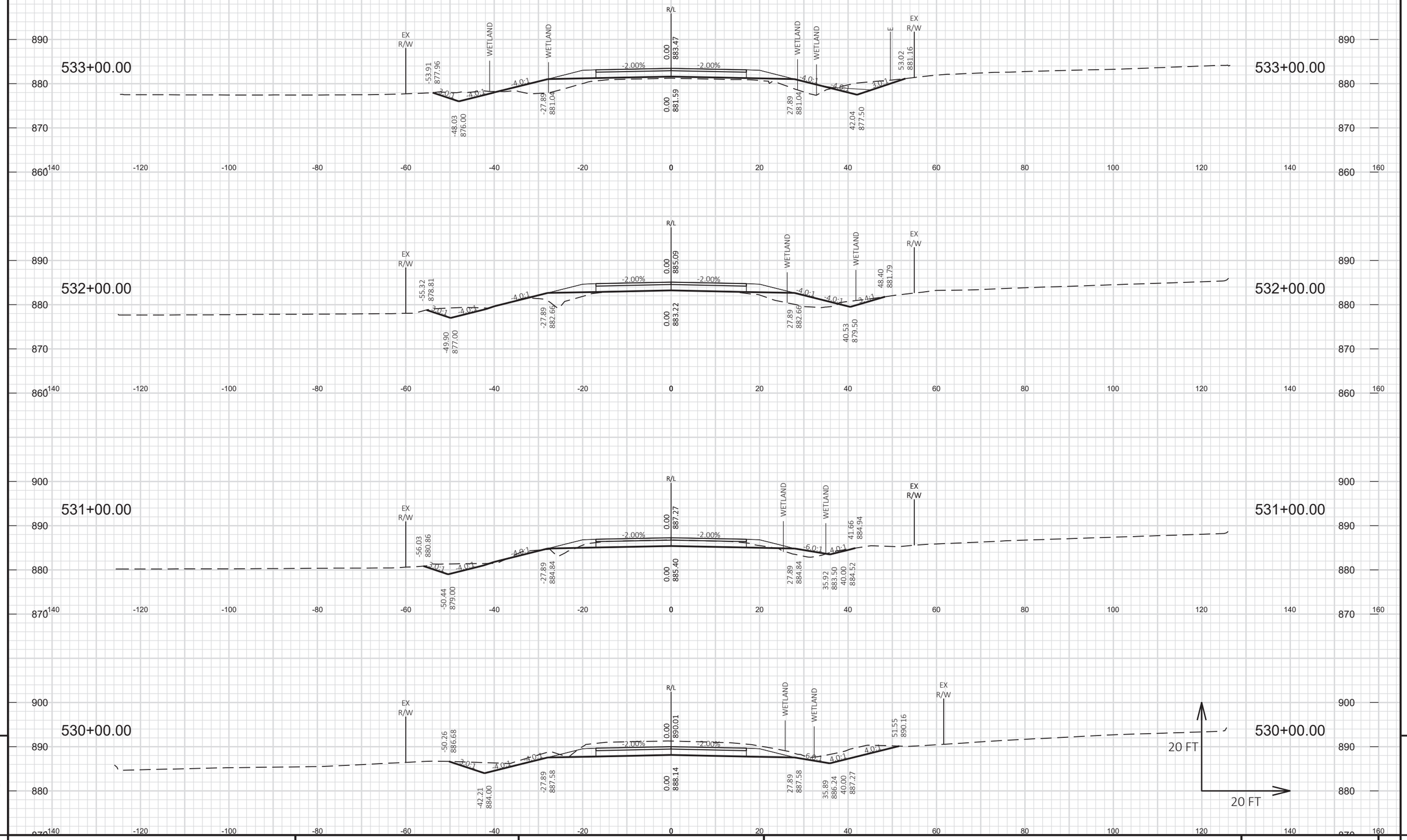
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 115-CTH P

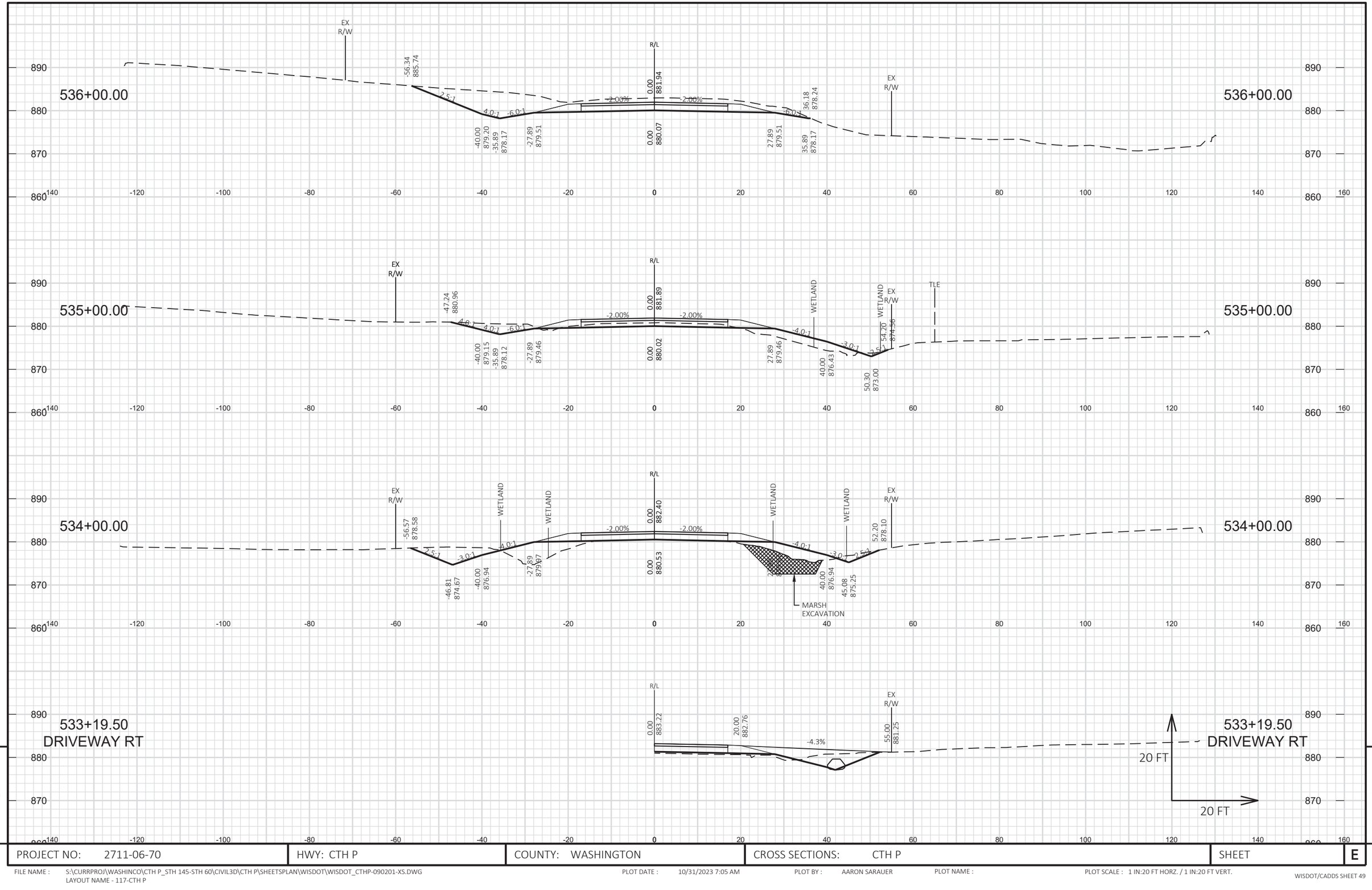
PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 116-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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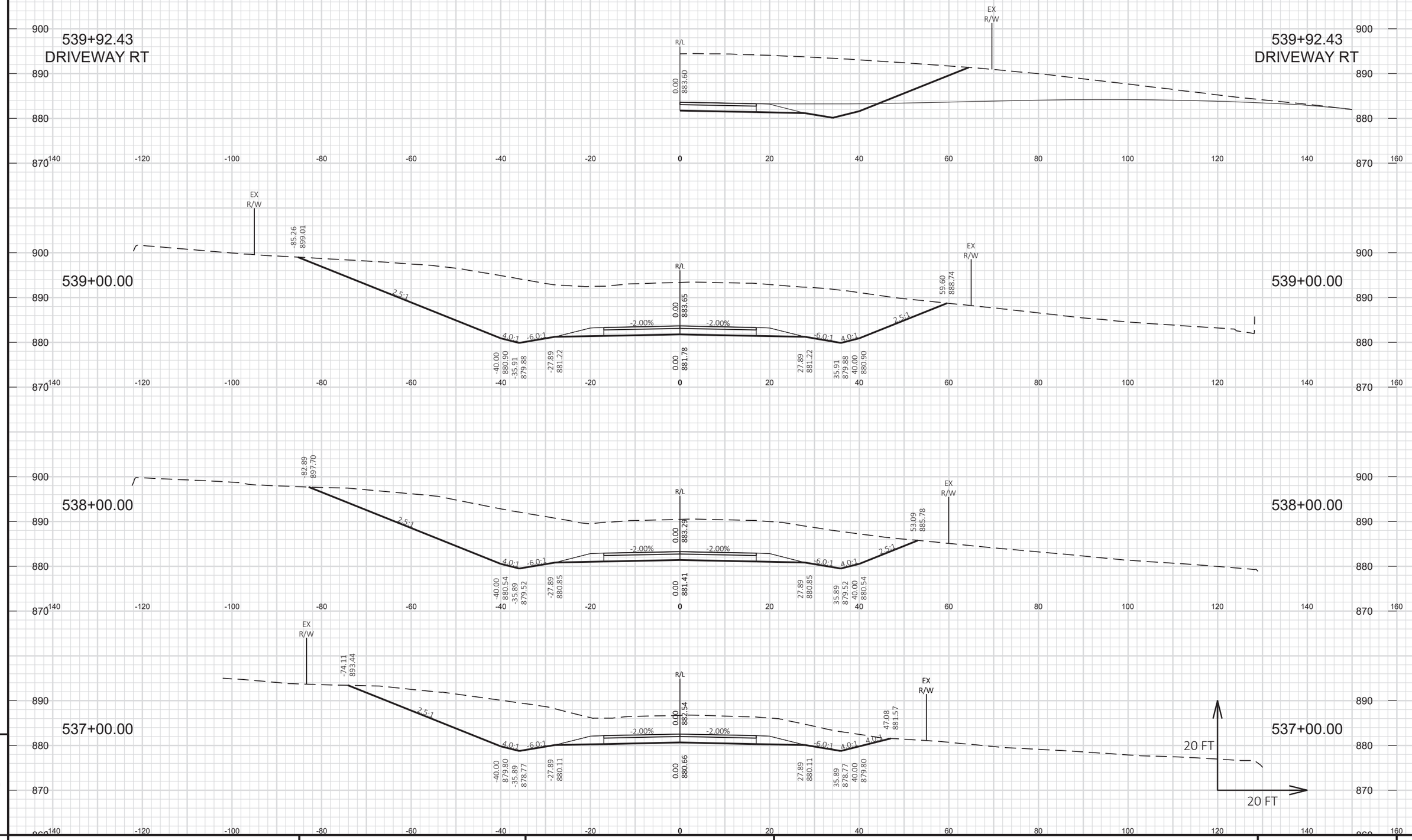
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 117-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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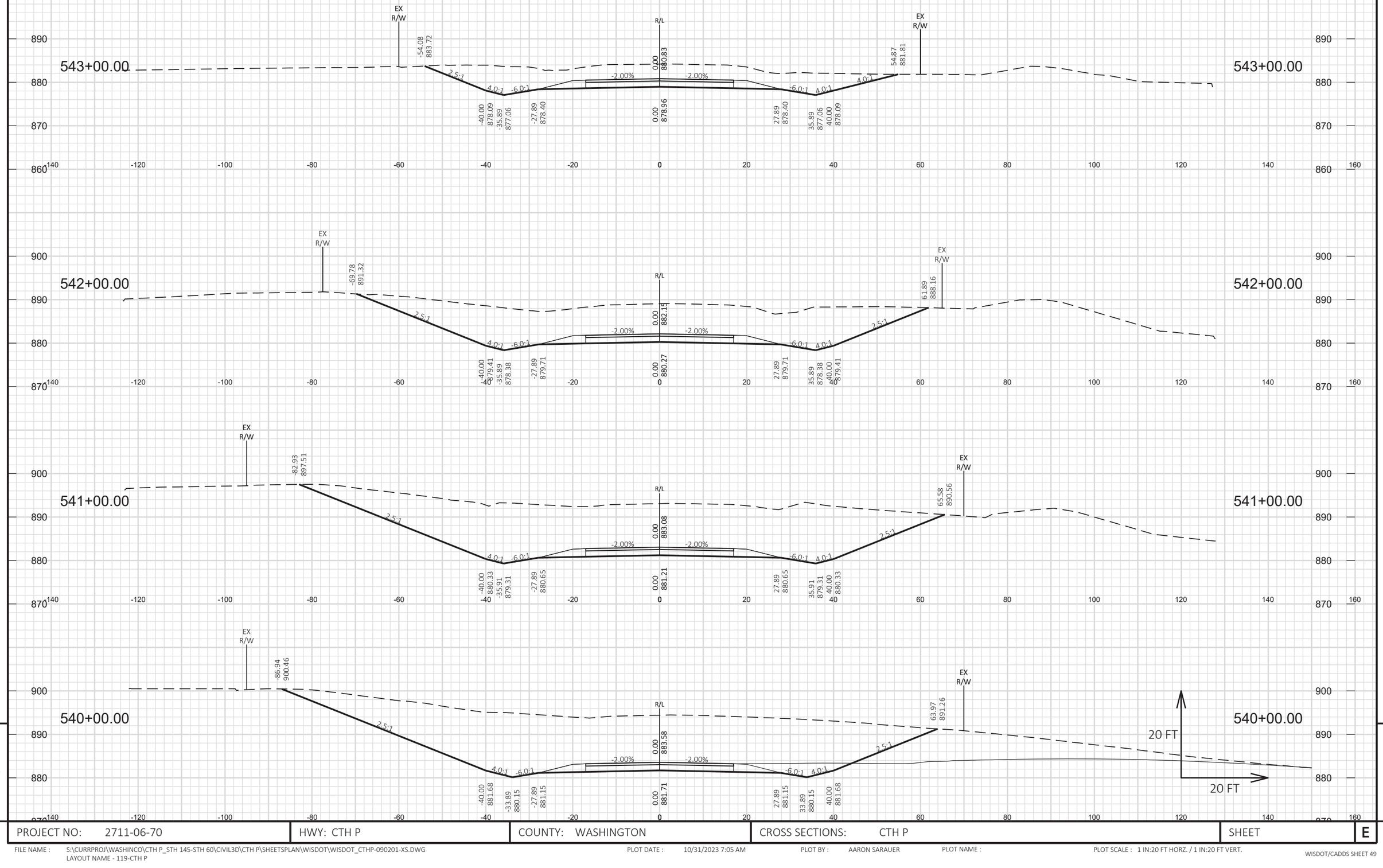
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 118-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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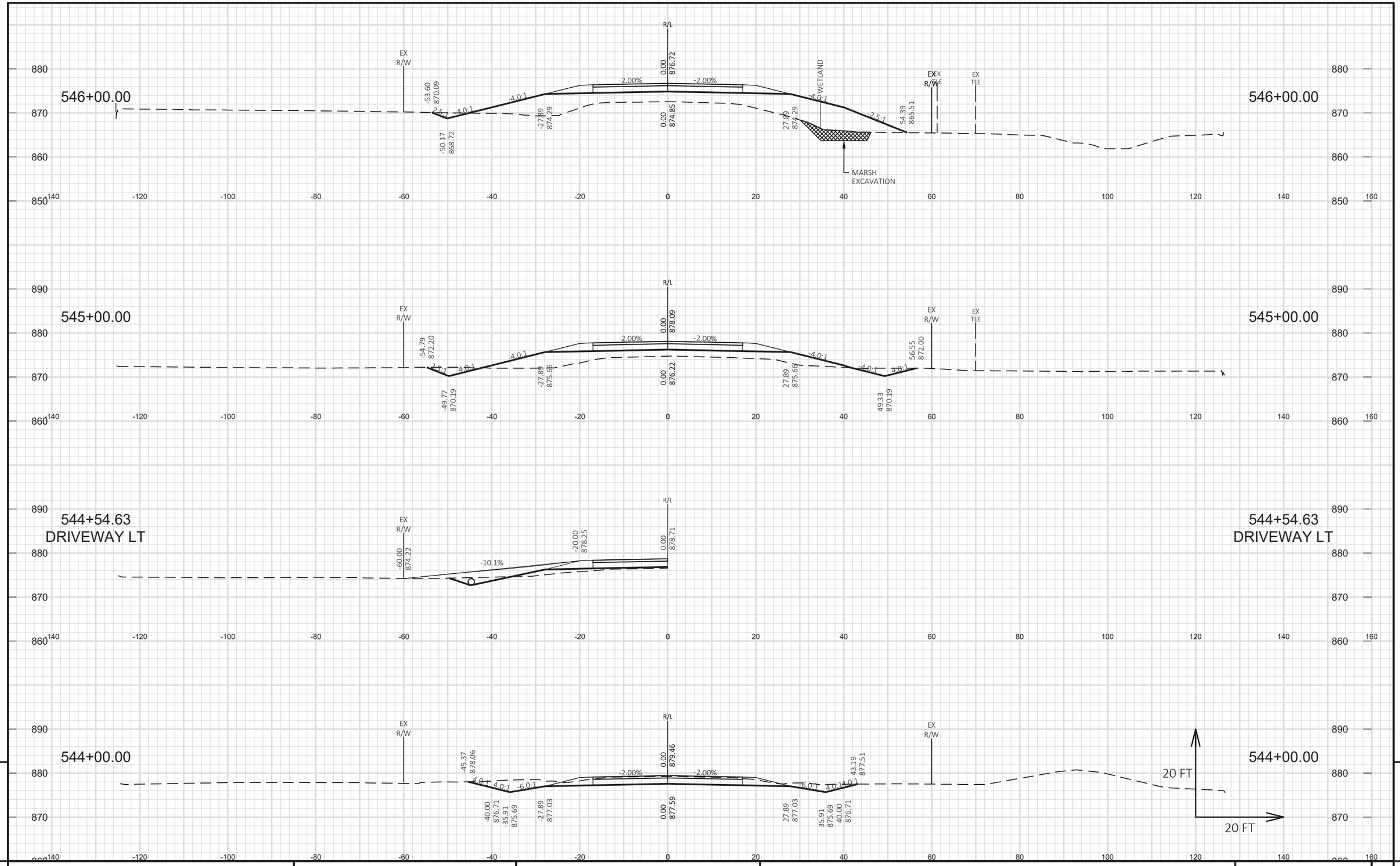
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 119-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

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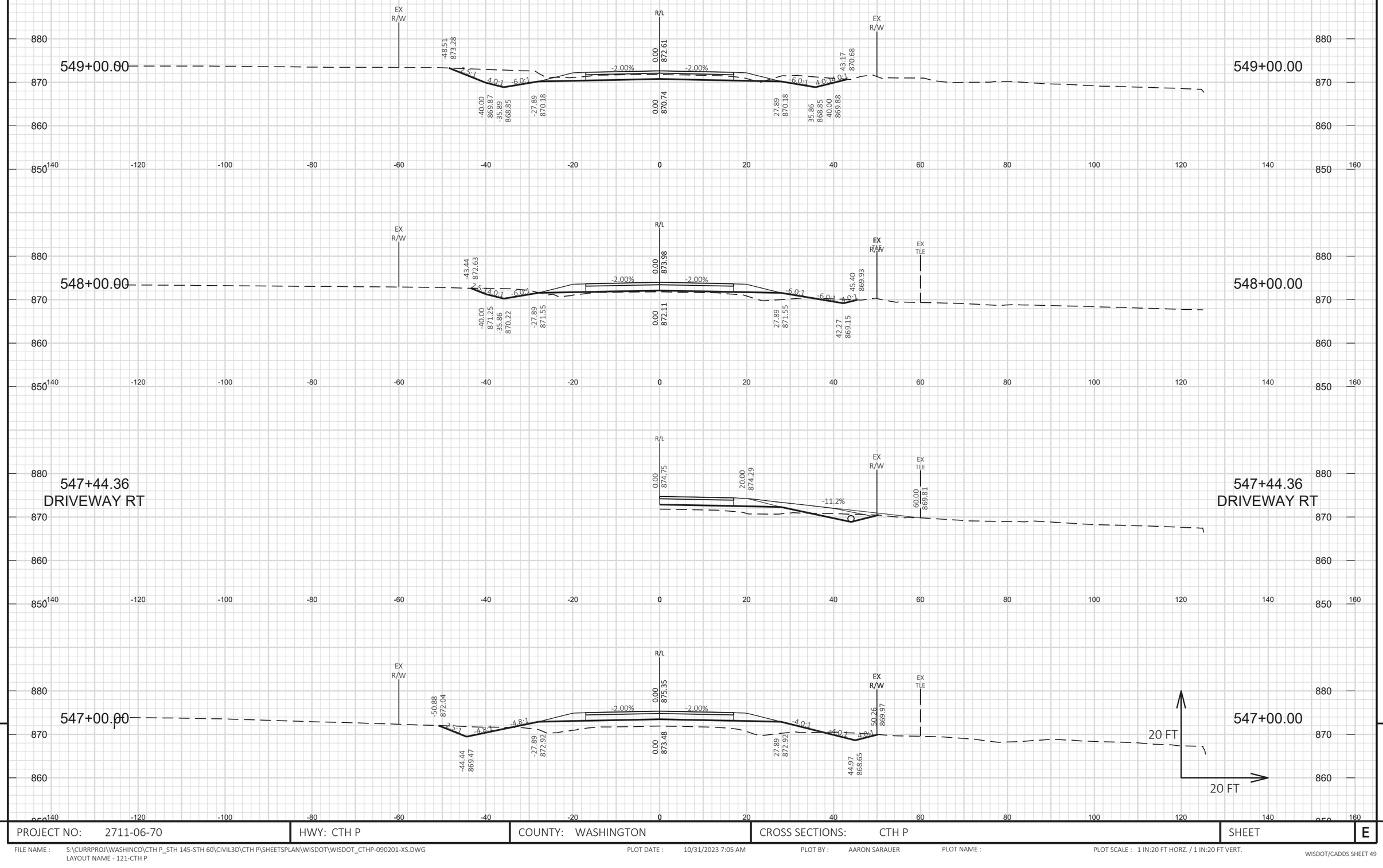
LAYOUT NAME - 120-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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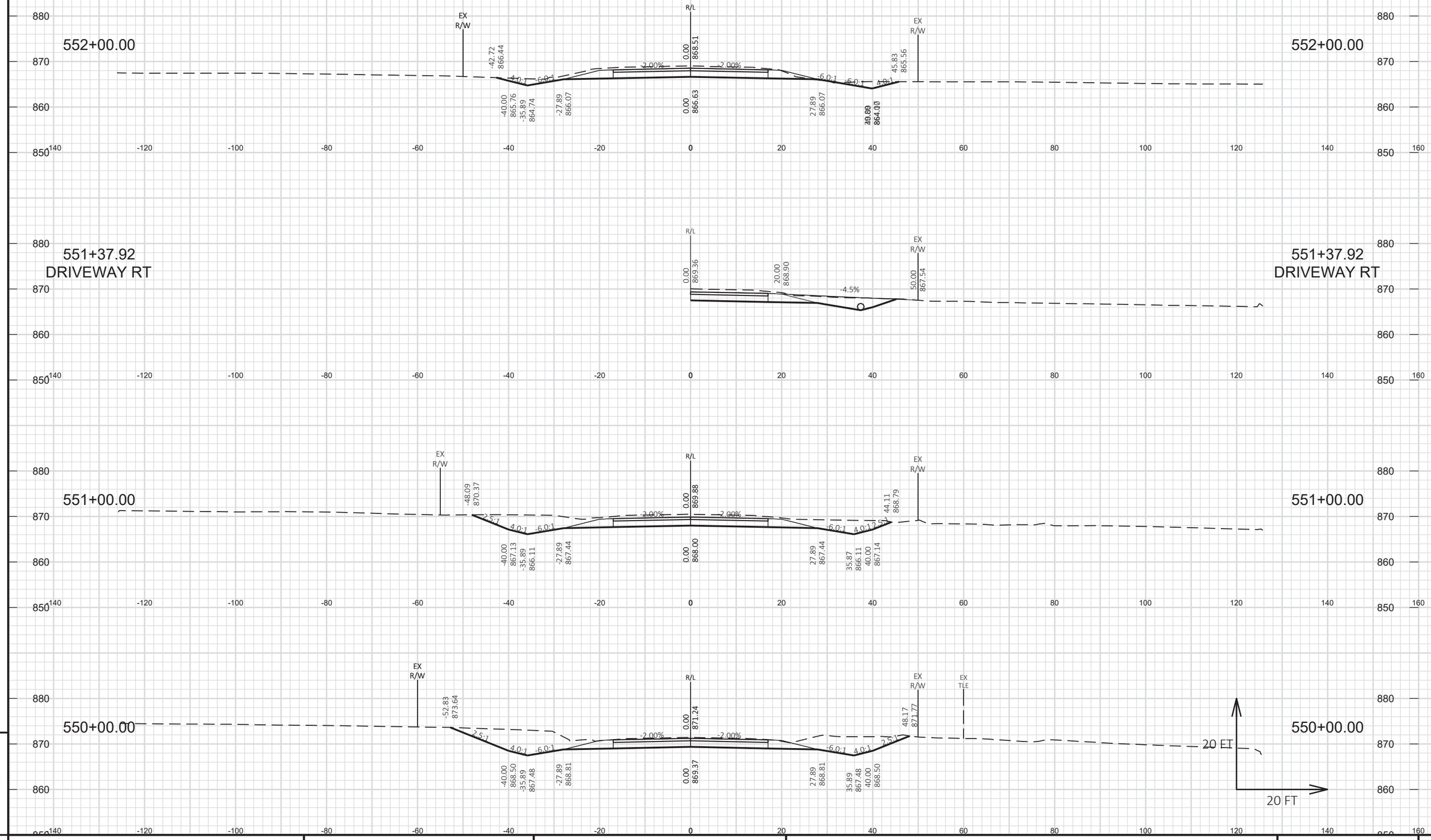
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 121-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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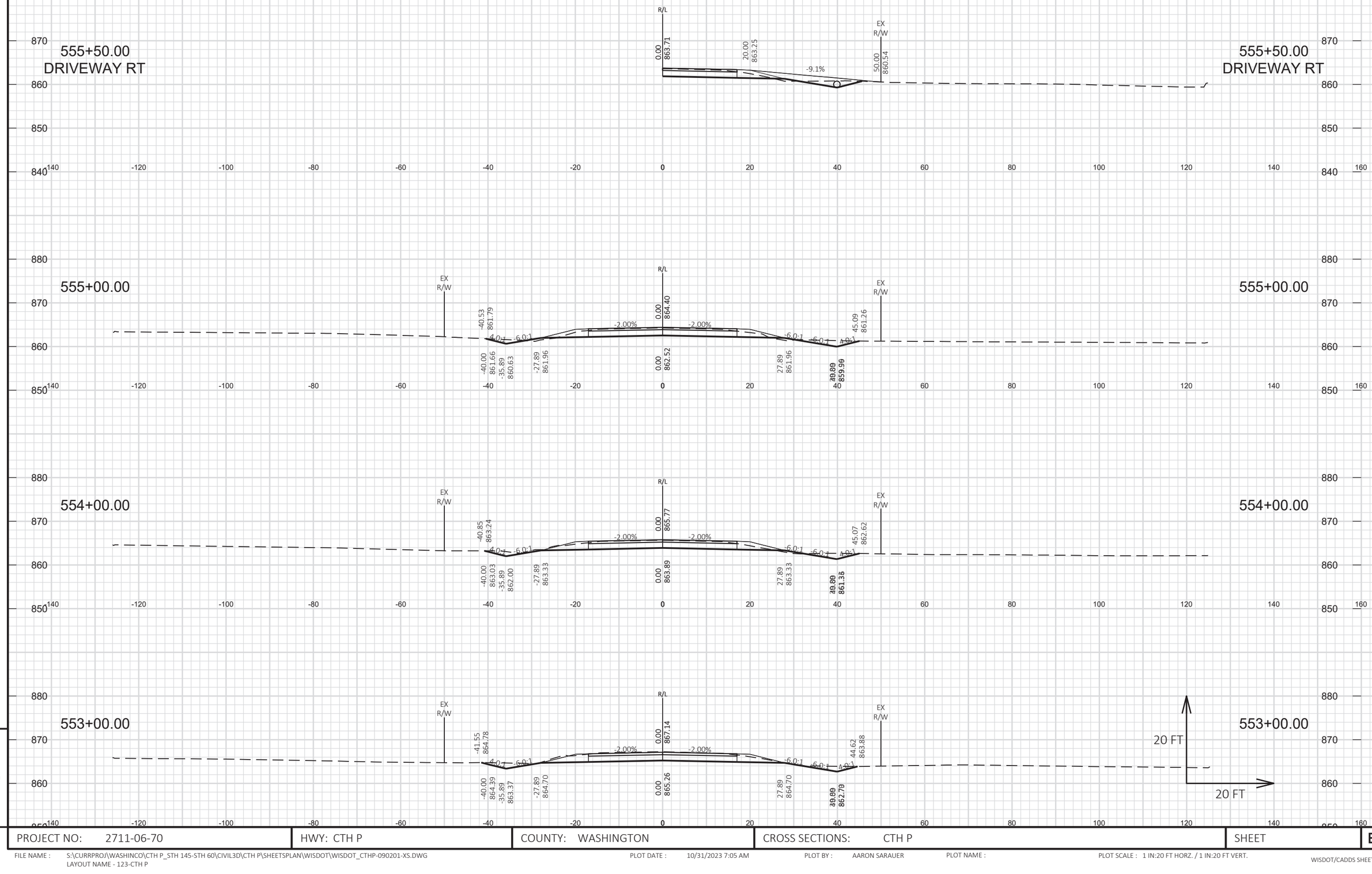
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 122-CTH P

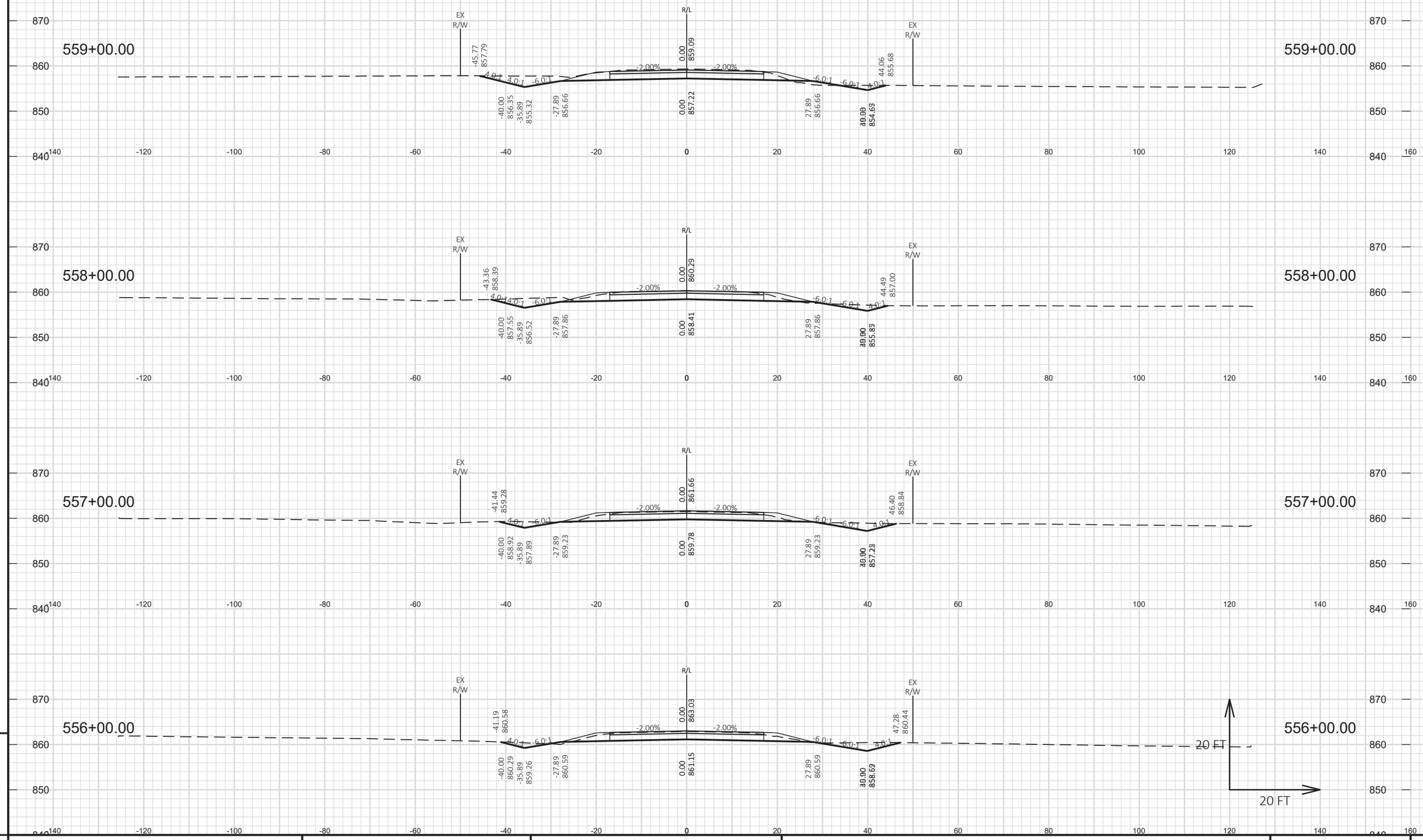
PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 123-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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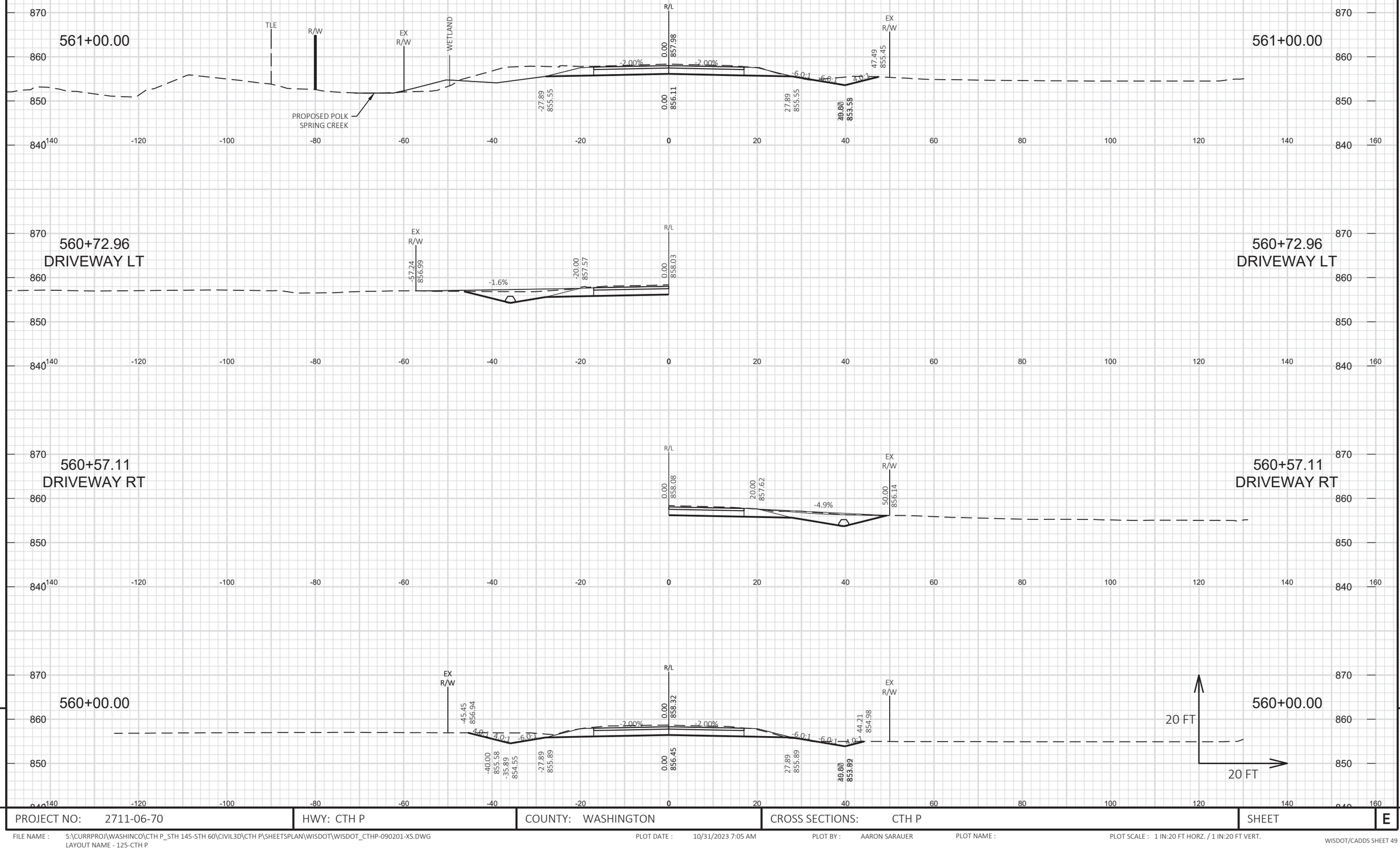
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 124-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 125-CTH P

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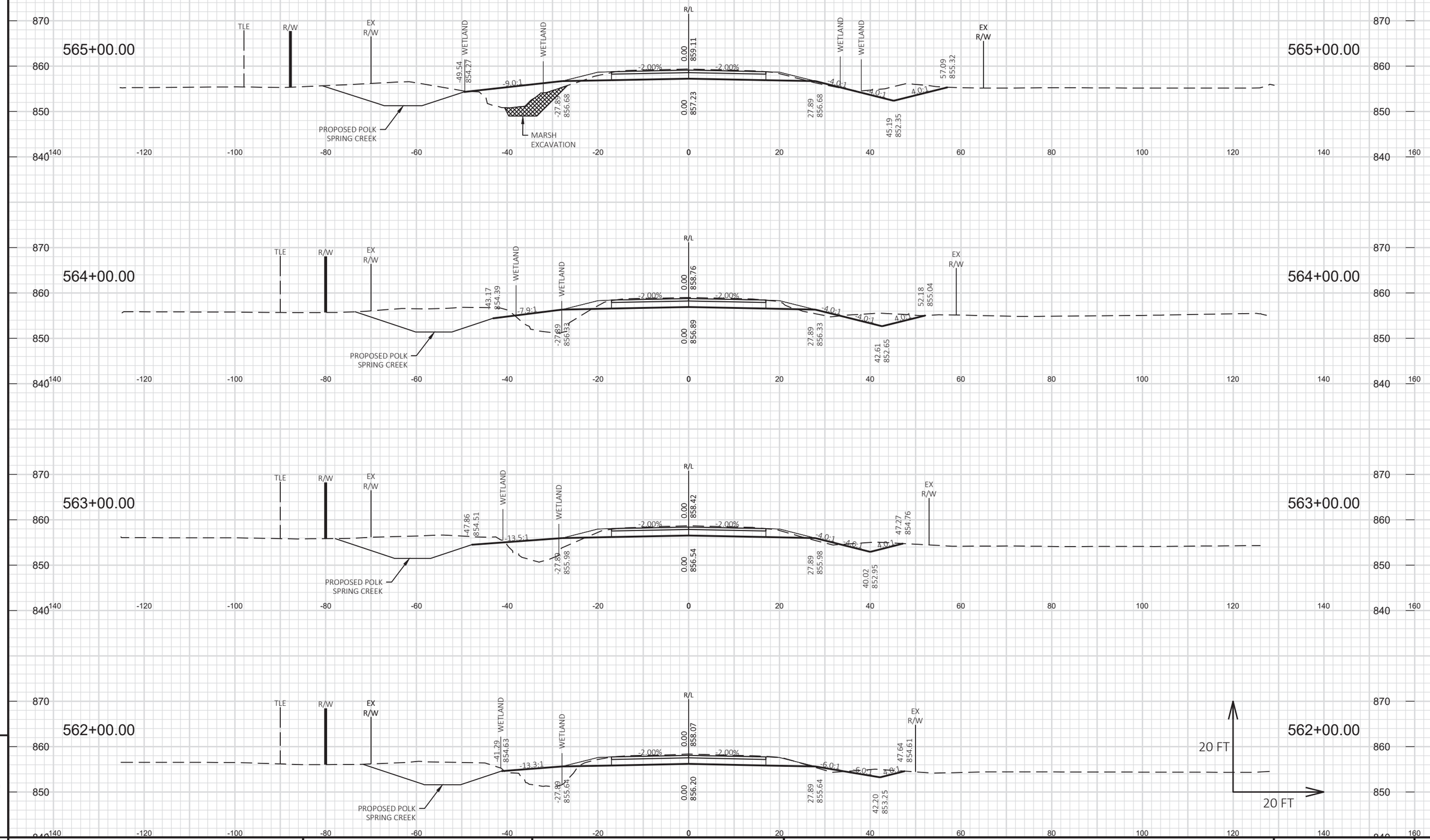

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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

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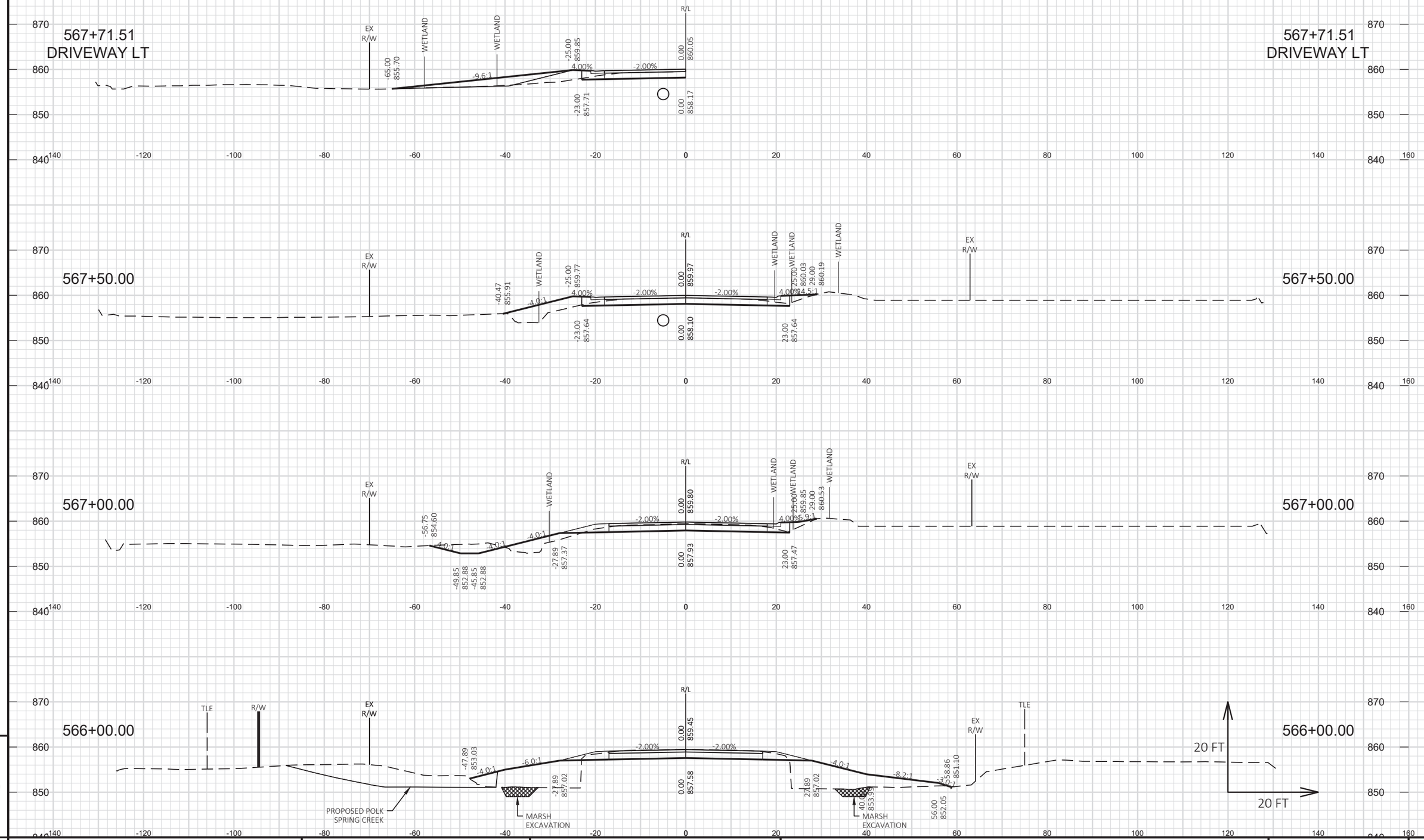
LAYOUT NAME - 126-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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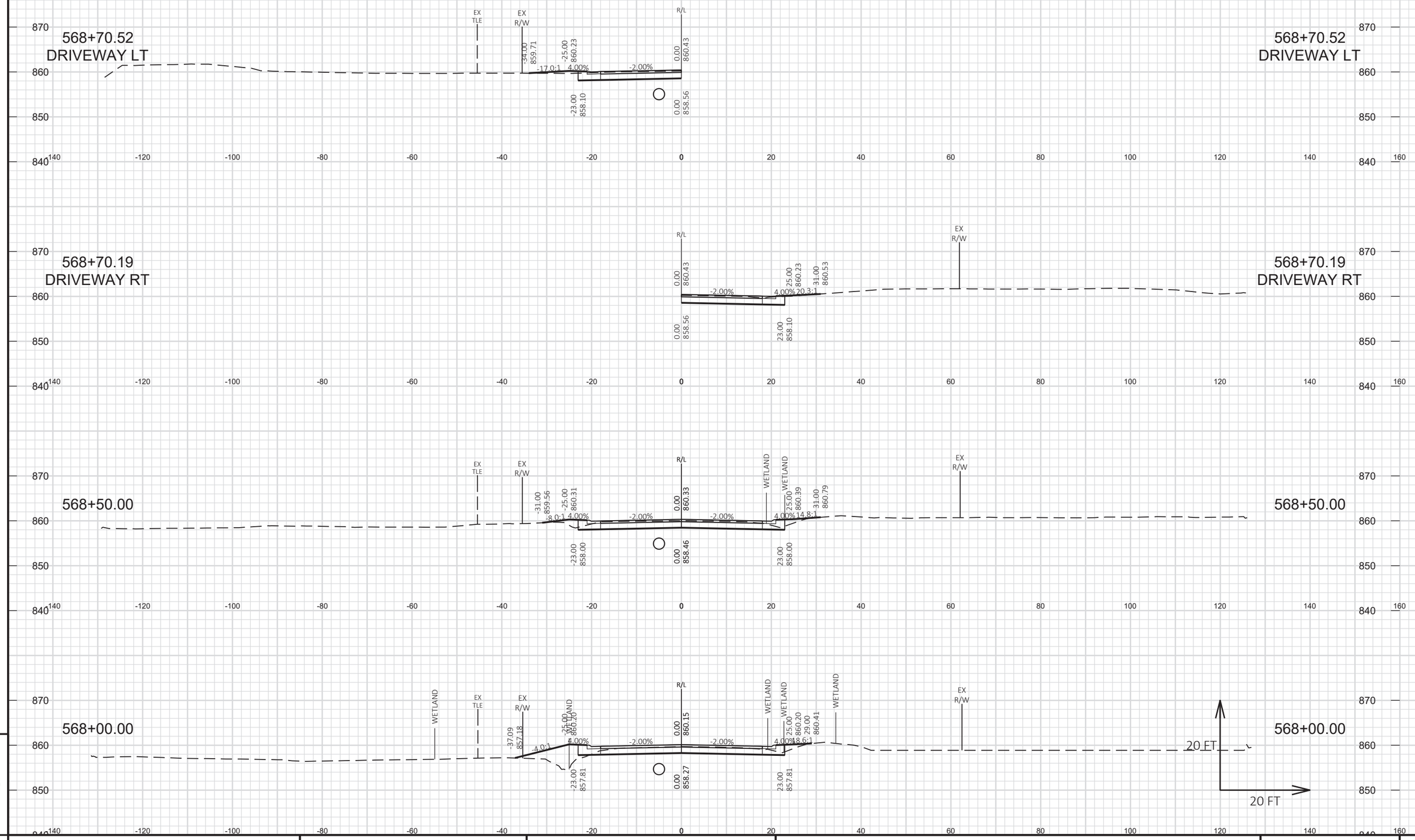
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 127-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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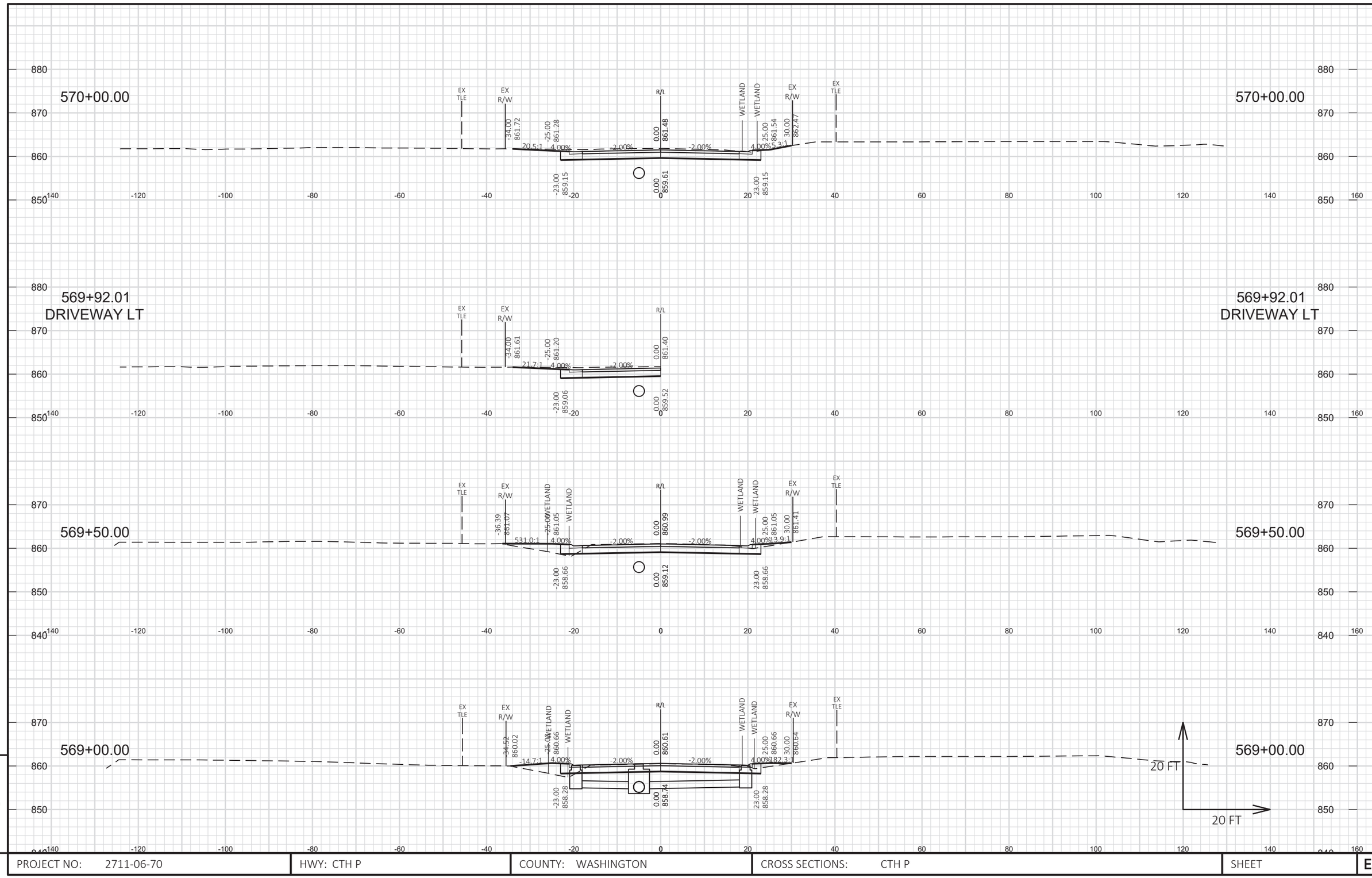
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 128-CTH P

PLOT DATE : 10/31/2023 7:05 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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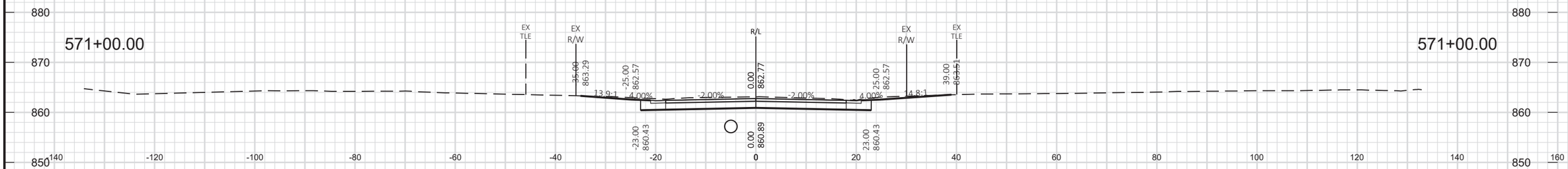
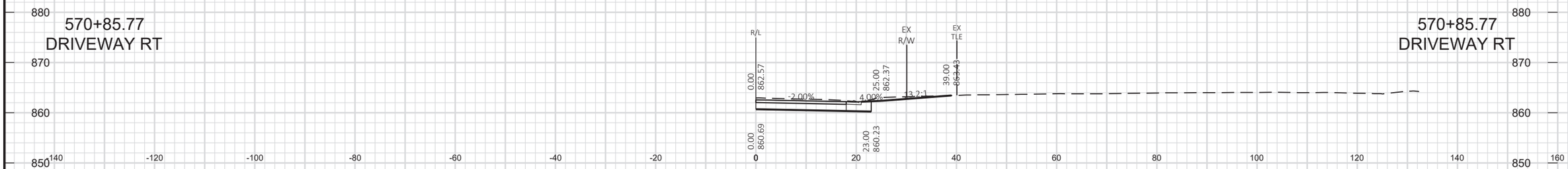
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

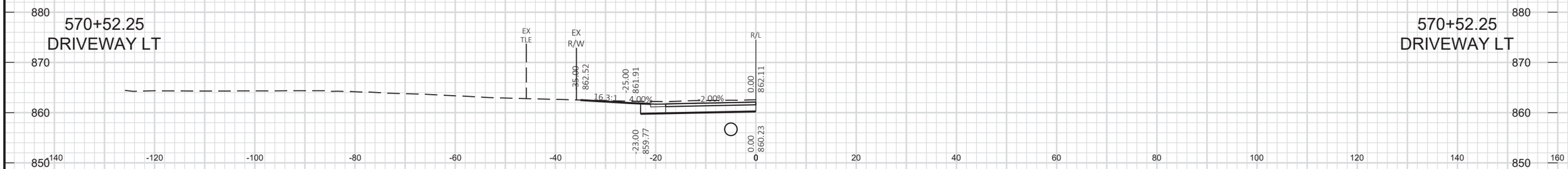
FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 129-CTH P

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49







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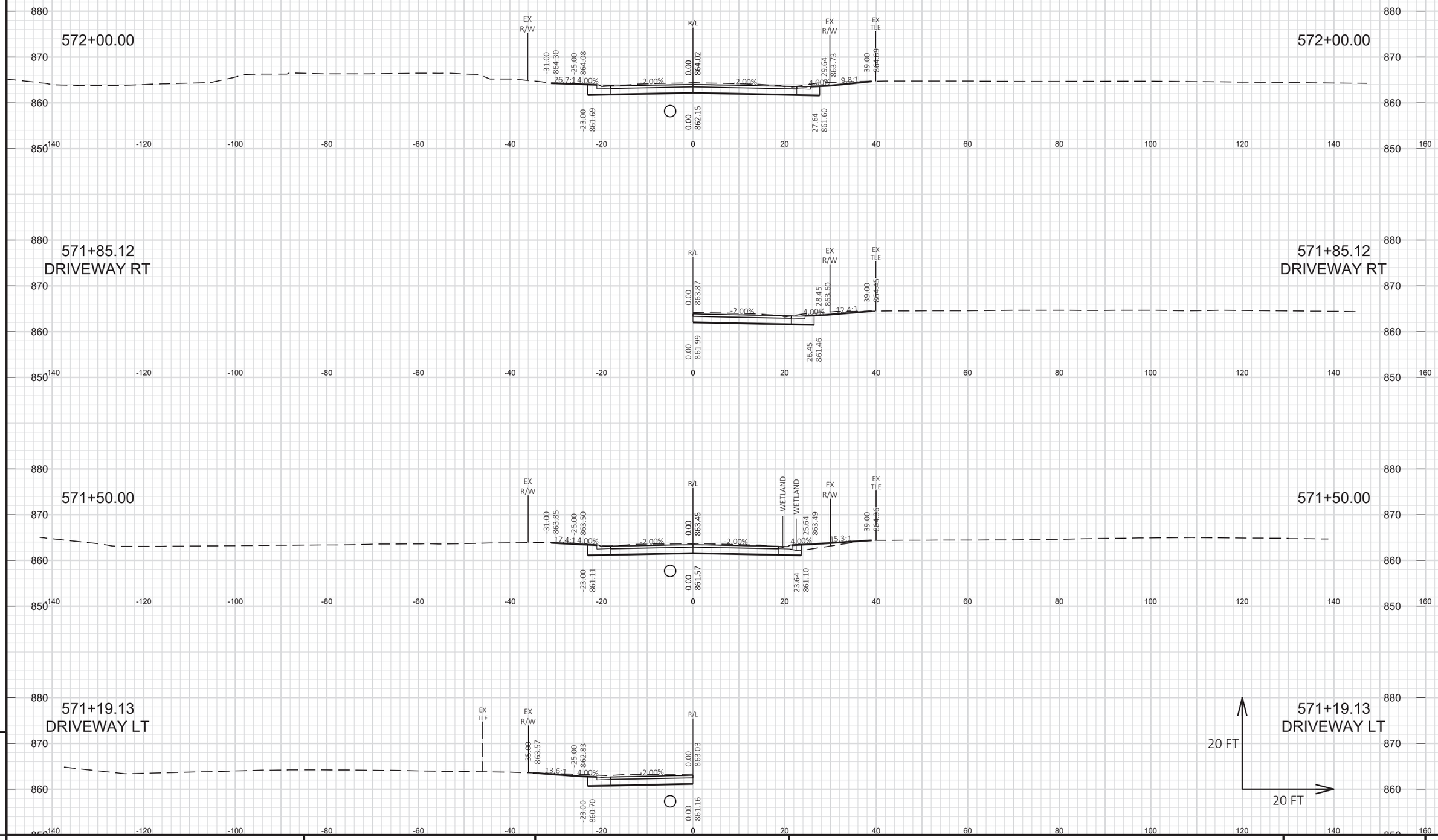
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 130-CTH P

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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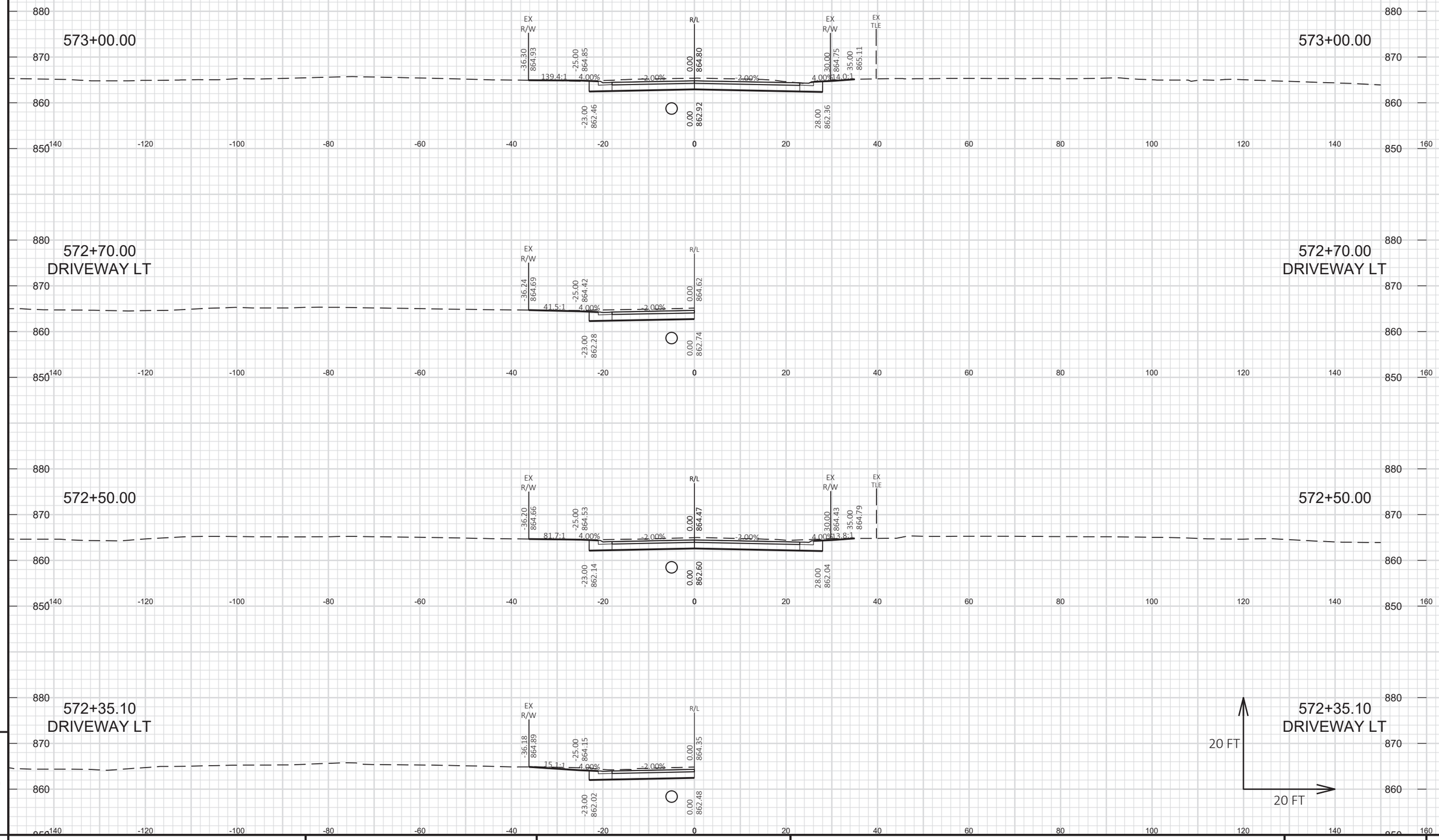
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 131-CTH P

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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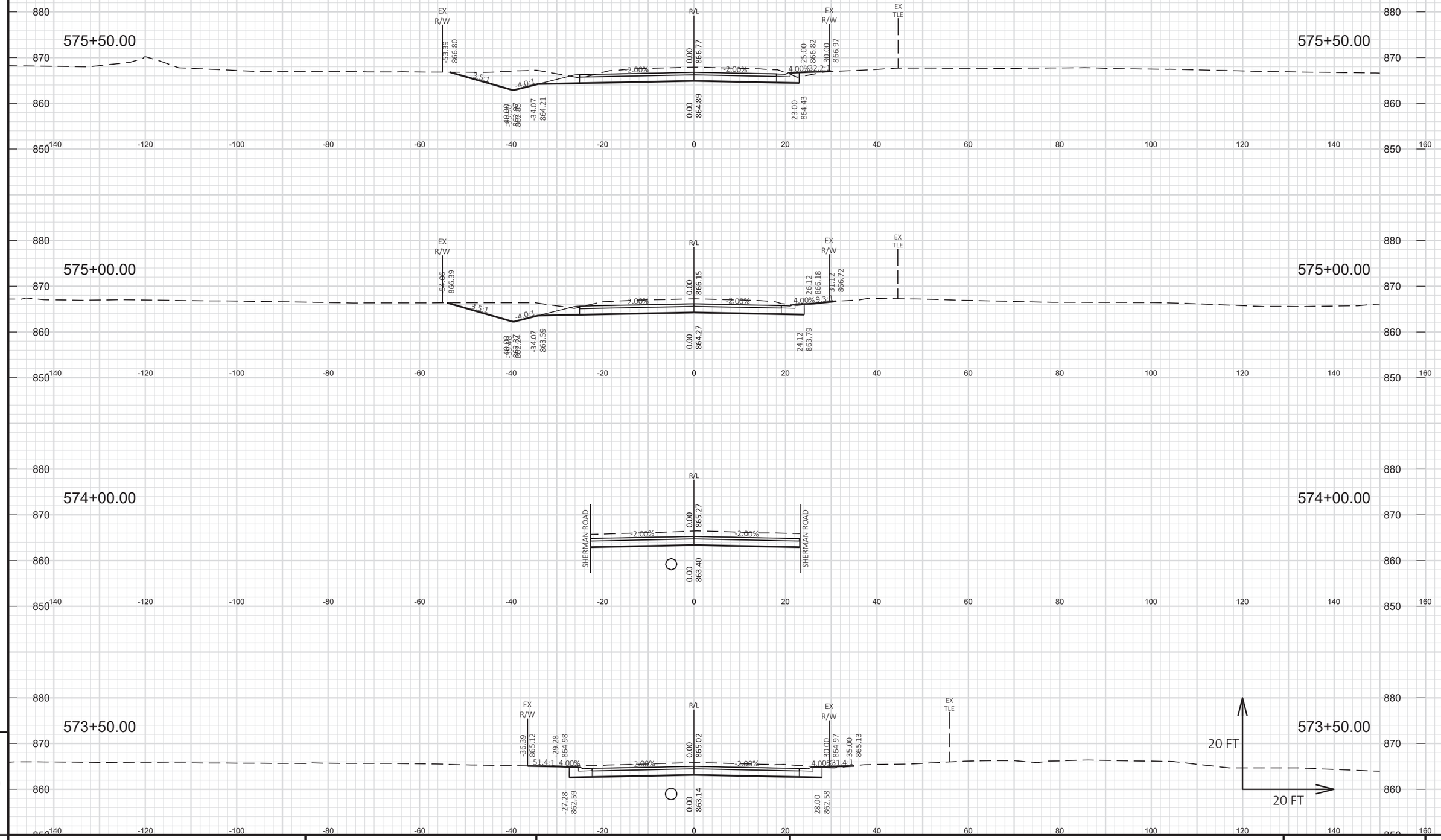
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 132-CTH P

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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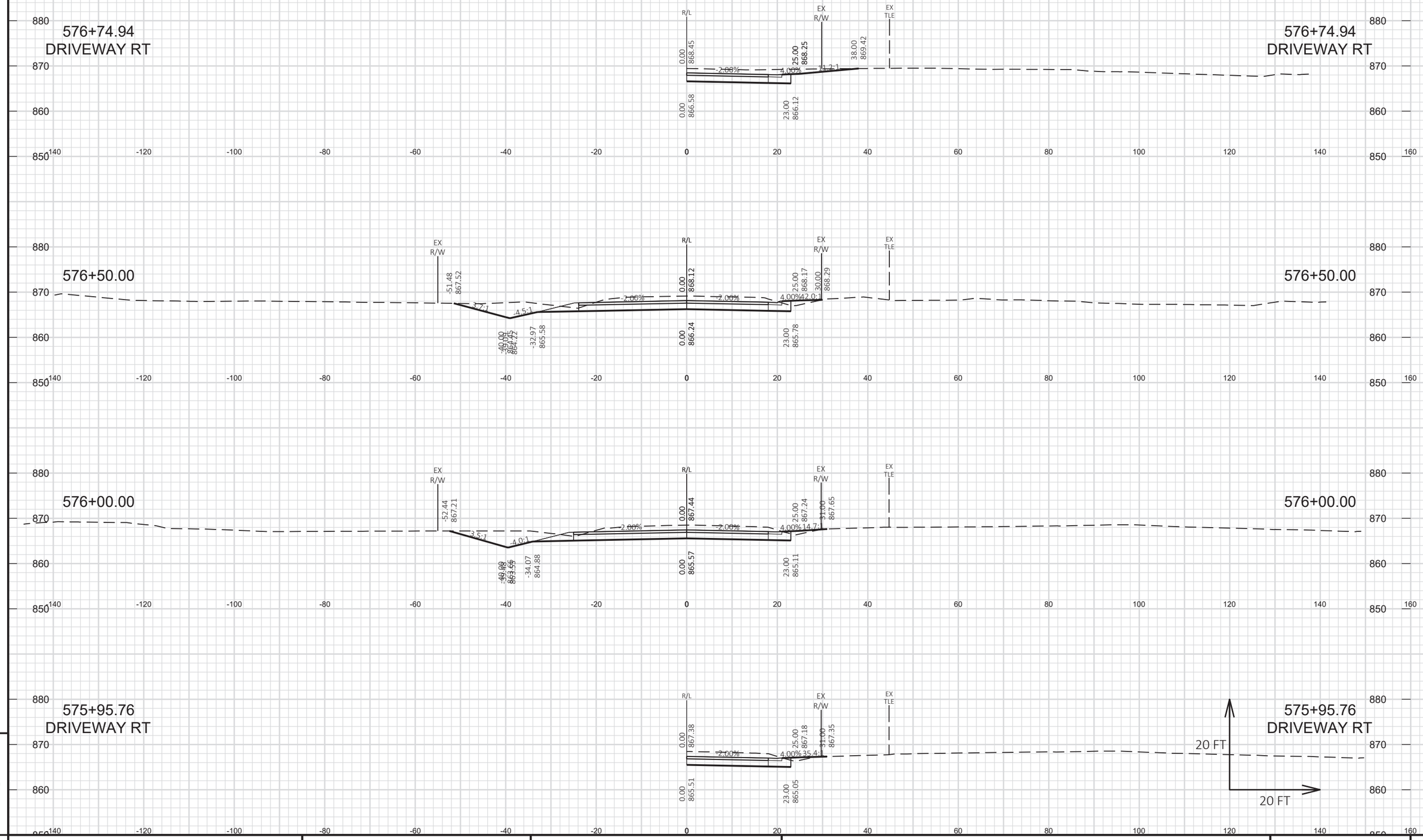
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 133-CTH P

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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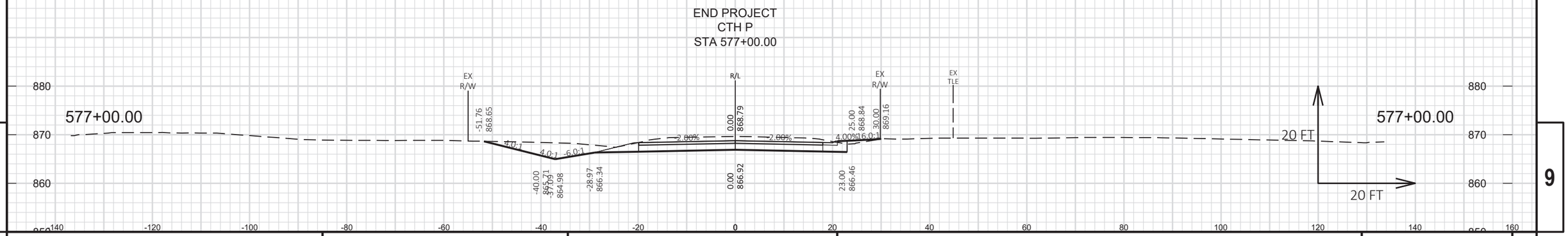
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

9

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 134-CTH P

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

END PROJECT
CTH P
STA 577+00.00



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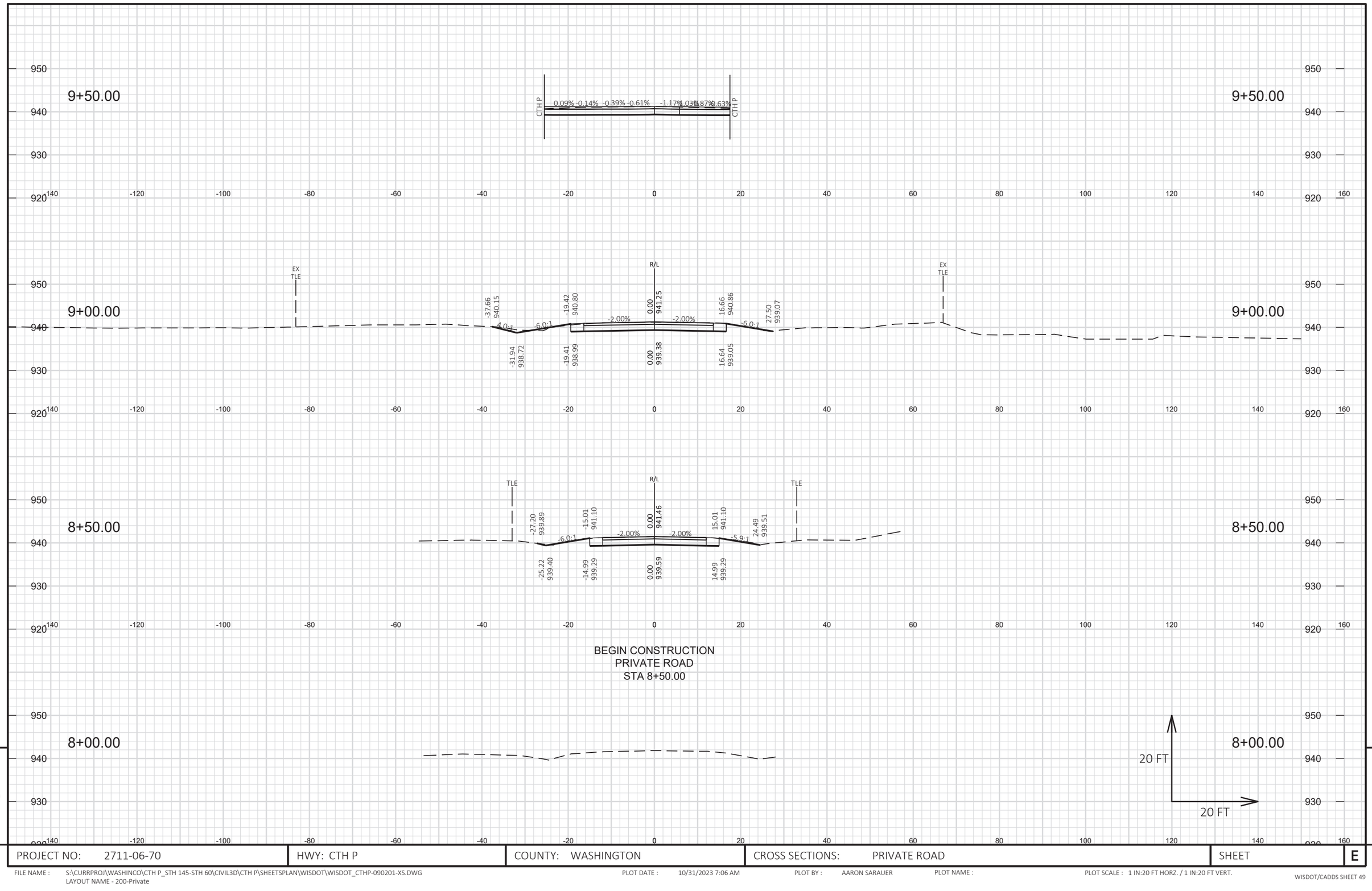
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: CTH P	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 135-CTH P

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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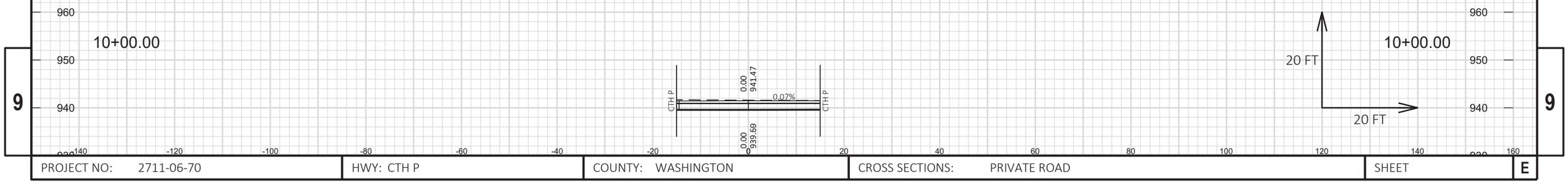
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: PRIVATE ROAD	SHEET	E

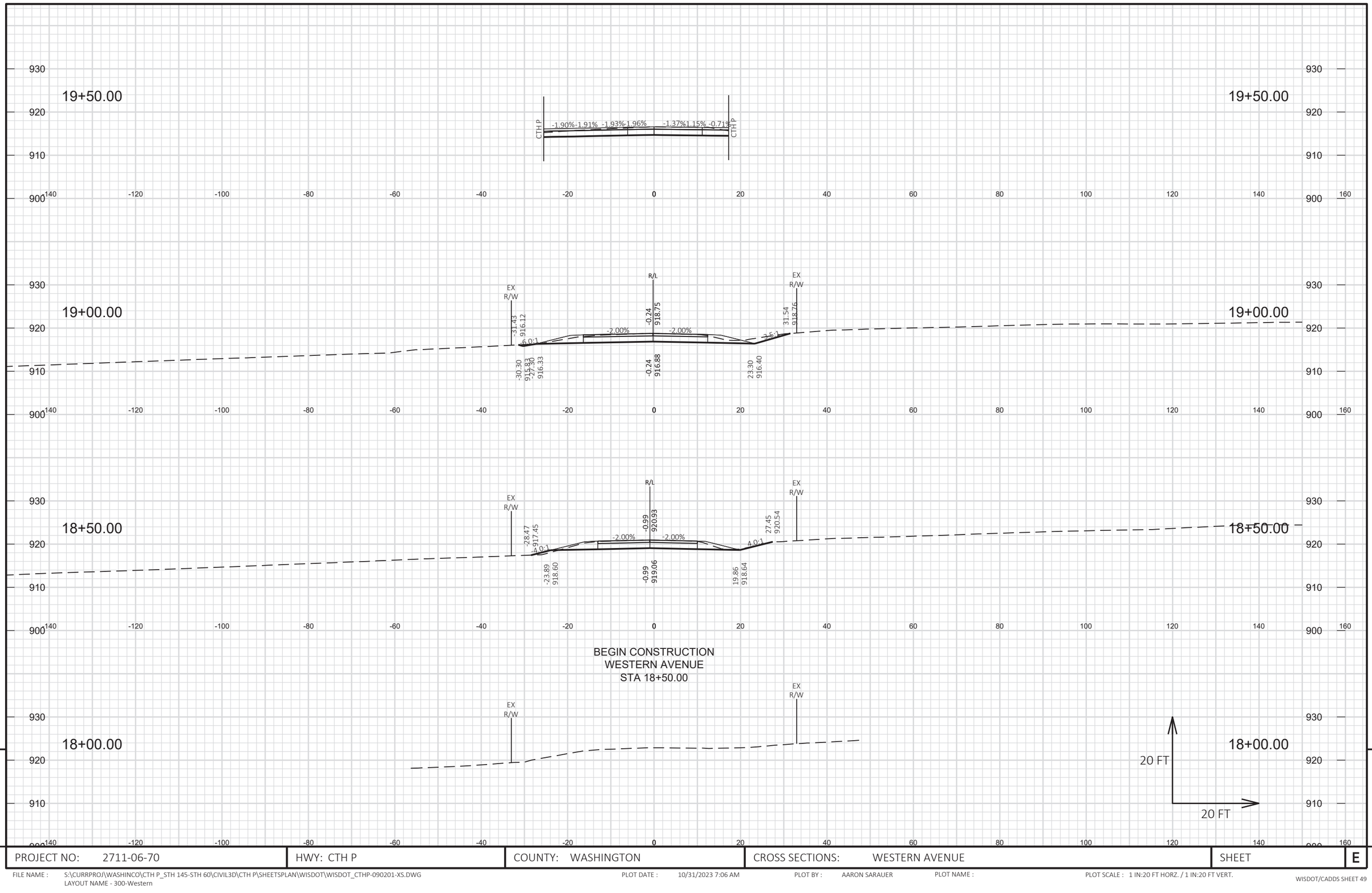
FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 200-Private

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

END CONSTRUCTION
PRIVATE ROAD
STA 10+00.00



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: PRIVATE ROAD	SHEET	E



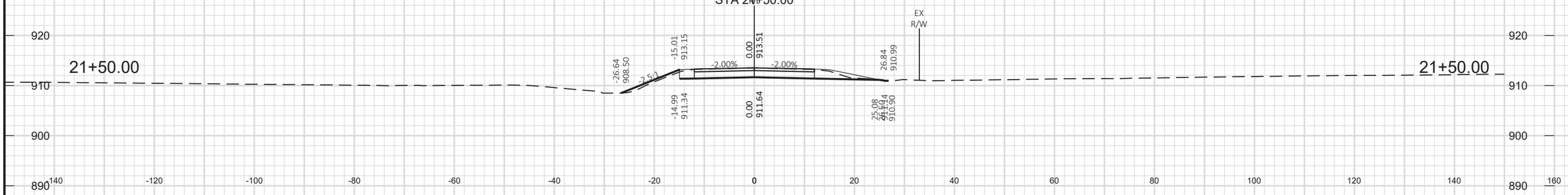
9

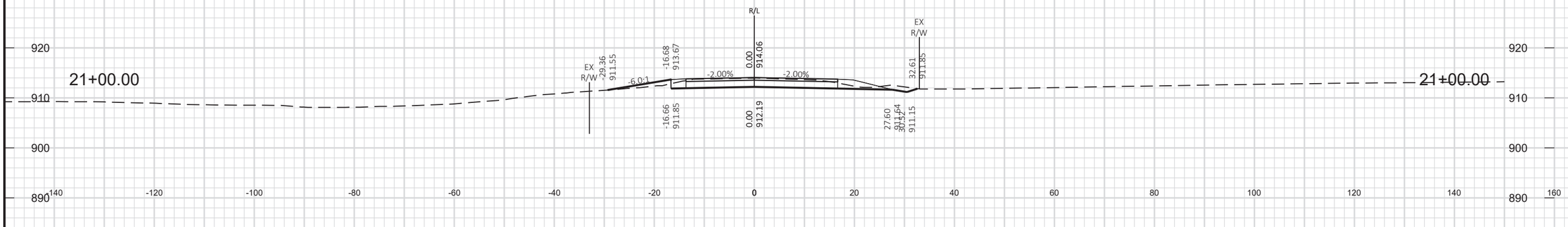
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: WESTERN AVENUE	SHEET	E

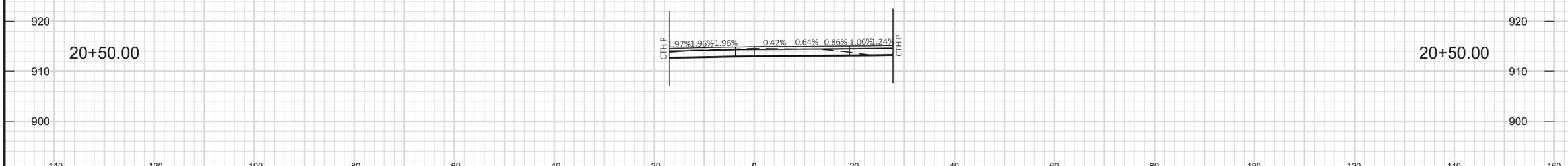
FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 300-Western

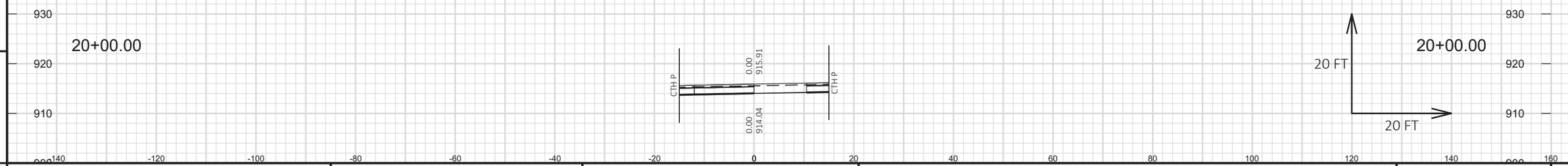
PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

END CONSTRUCTION
WESTERN AVENUE
STA 21+50.00









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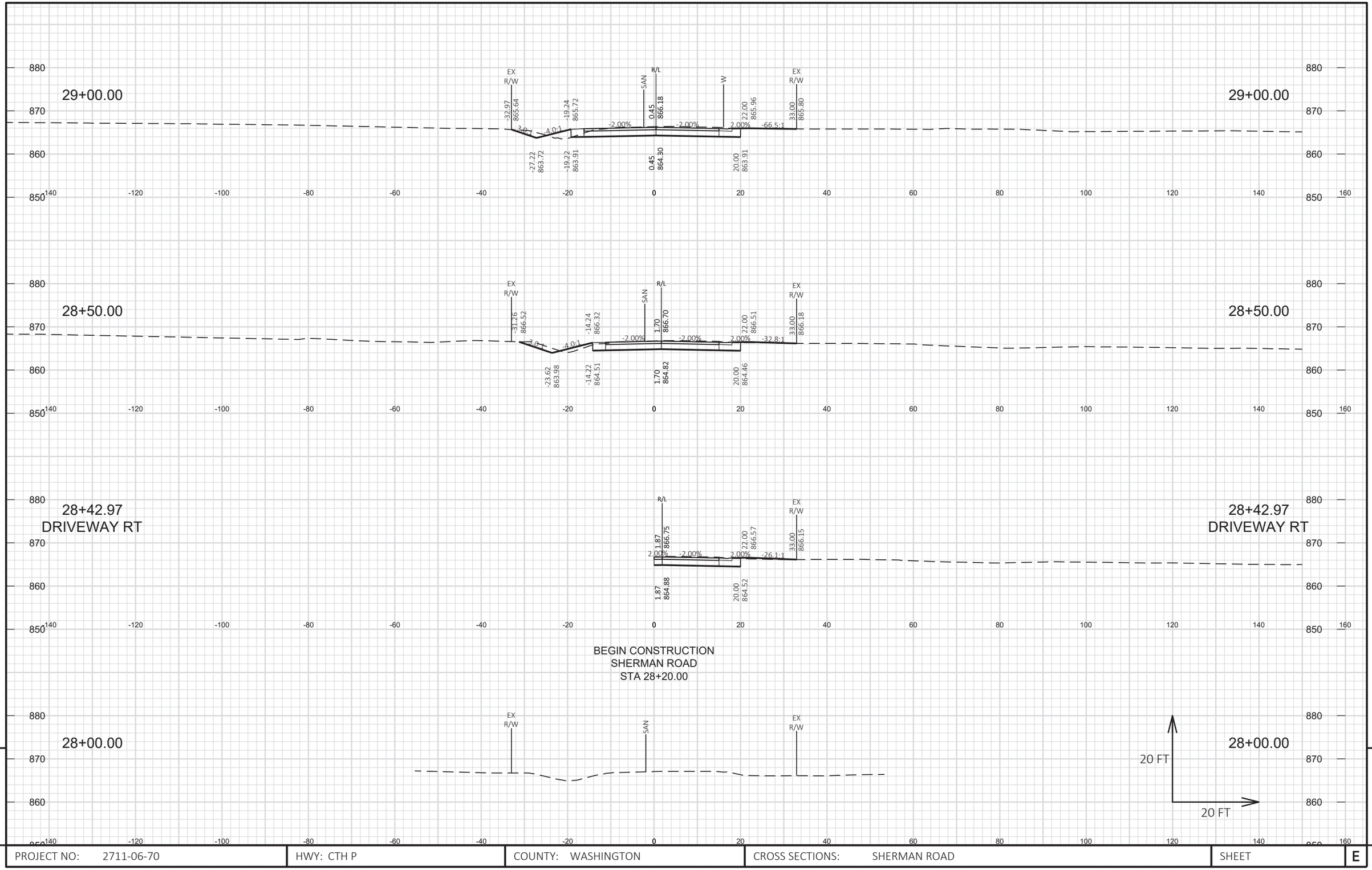
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: WESTERN AVENUE	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 301-Western

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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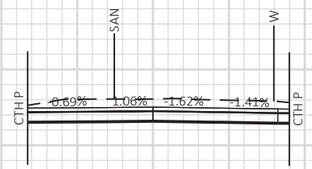
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: SHERMAN ROAD	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 400-Sherman

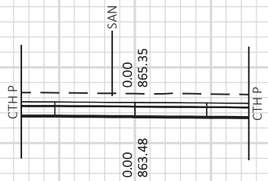
PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

30+50.00



30+50.00

30+00.00

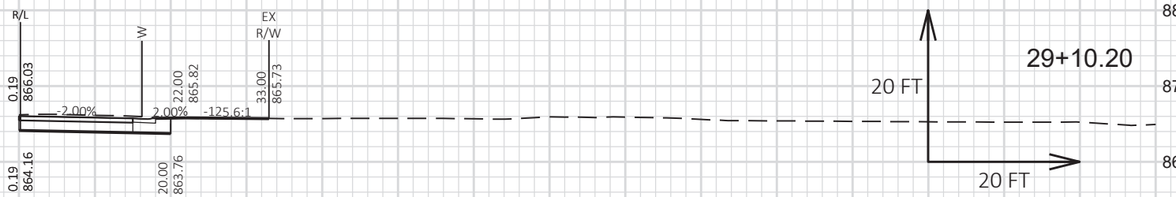


30+00.00

29+50.00

29+50.00

29+10.20



29+10.20

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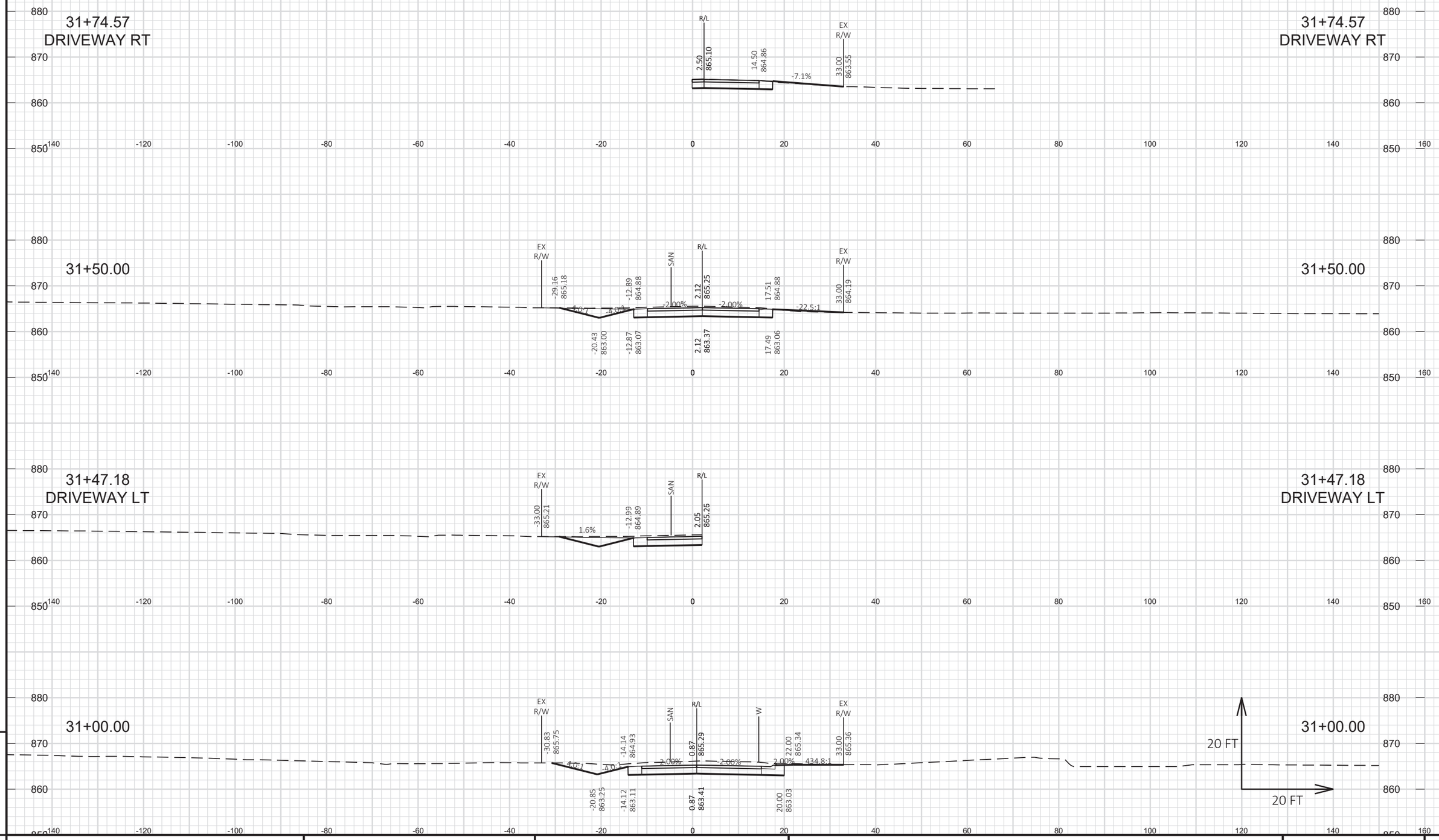
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: SHERMAN ROAD	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 401-Sherman

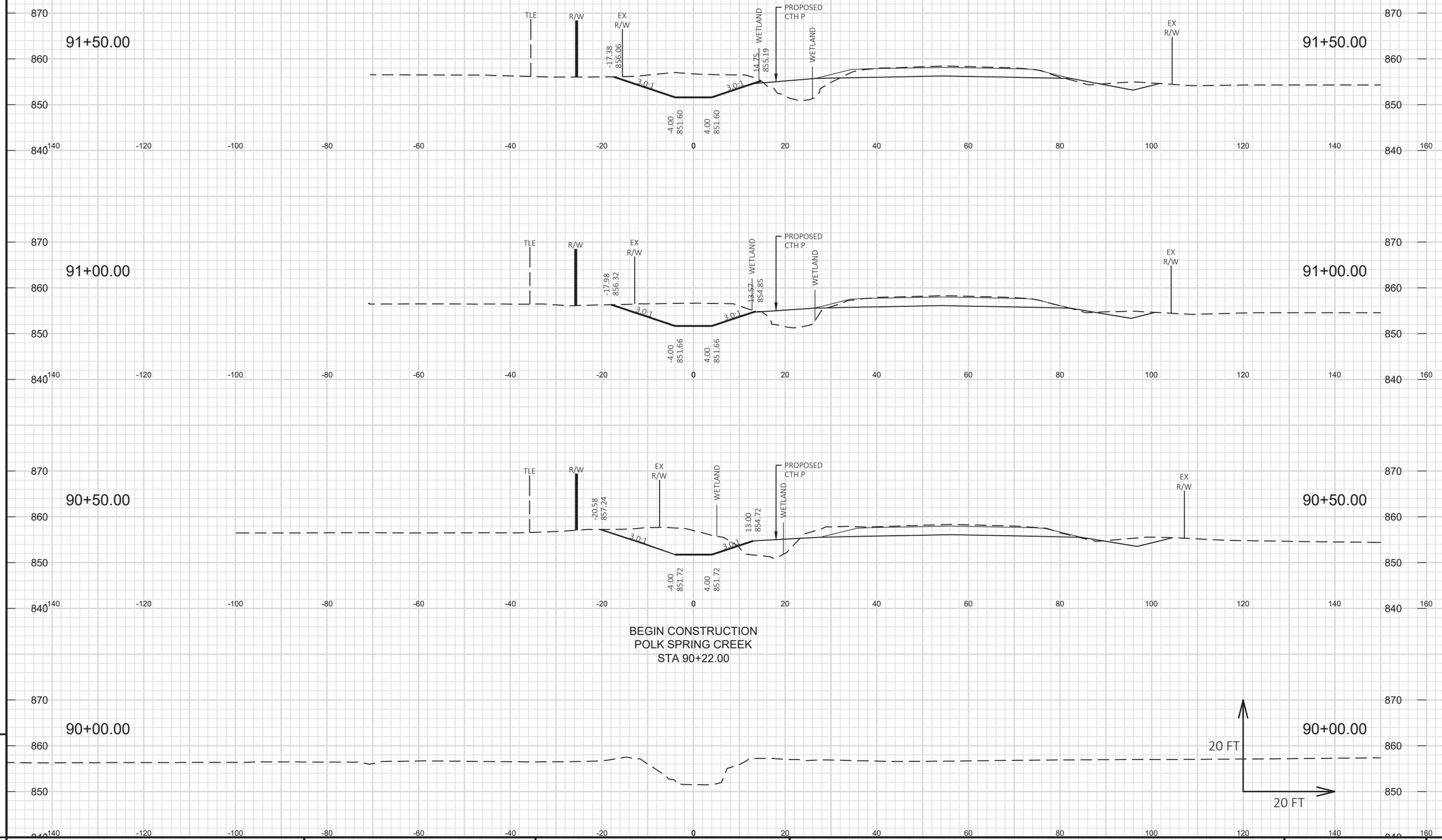
PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

END CONSTRUCTION
SHERMAN ROAD
STA 31+95.00



PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: SHERMAN ROAD	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 402-Sherman
PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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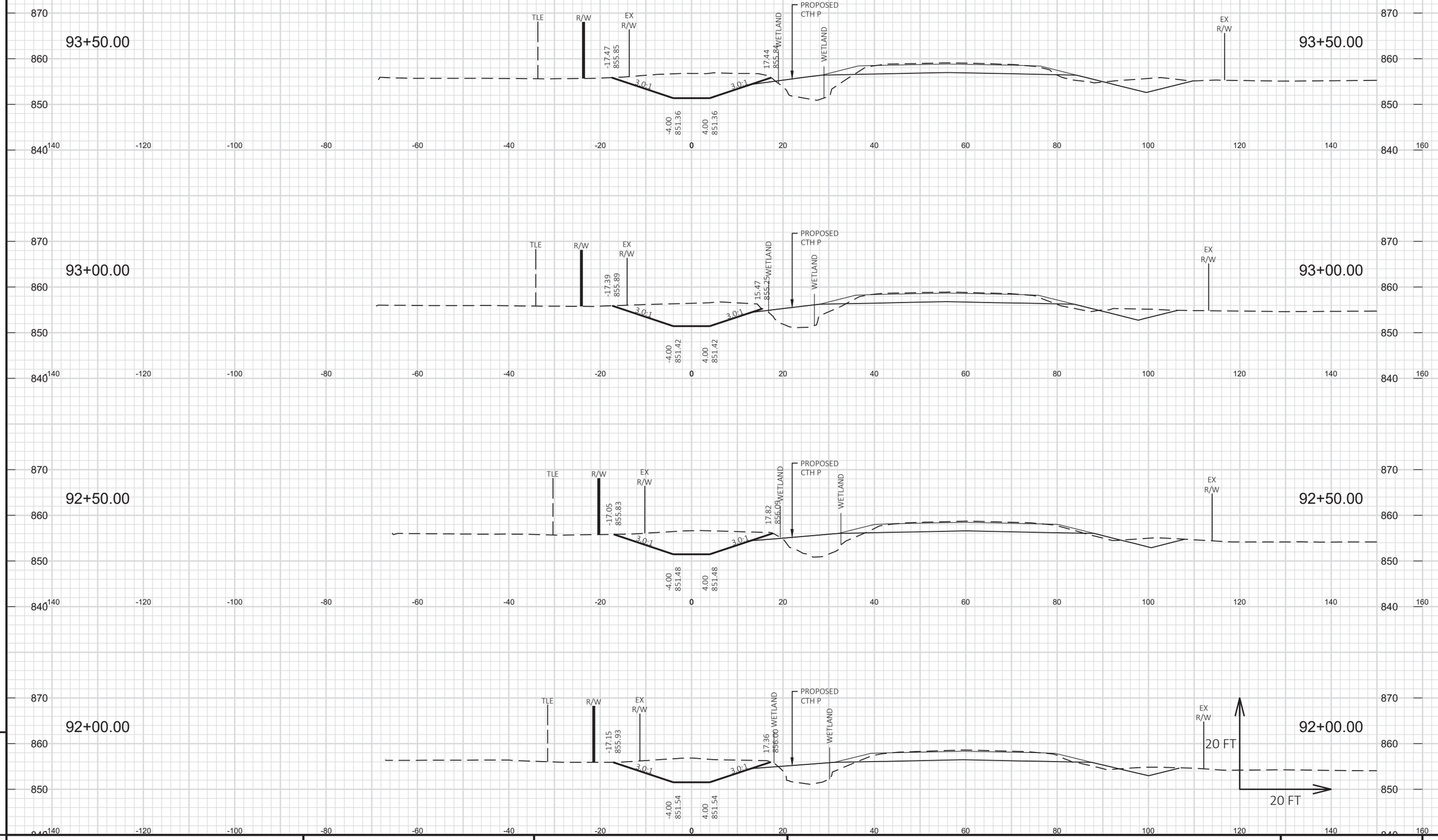
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: POLK SPRING CREEK	SHEET E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 500-Stream

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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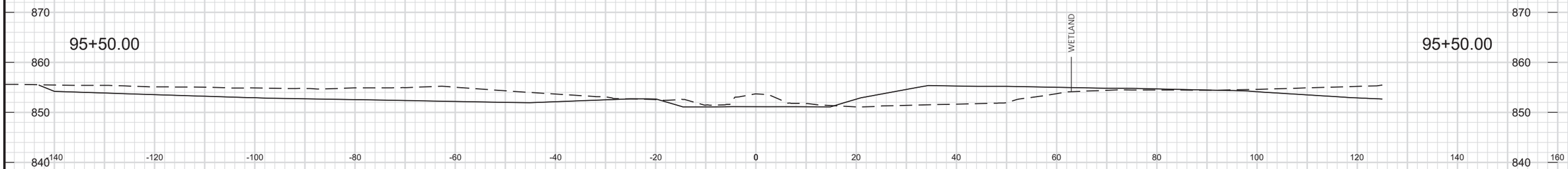
PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: POLK SPRING CREEK	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 501-Stream

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

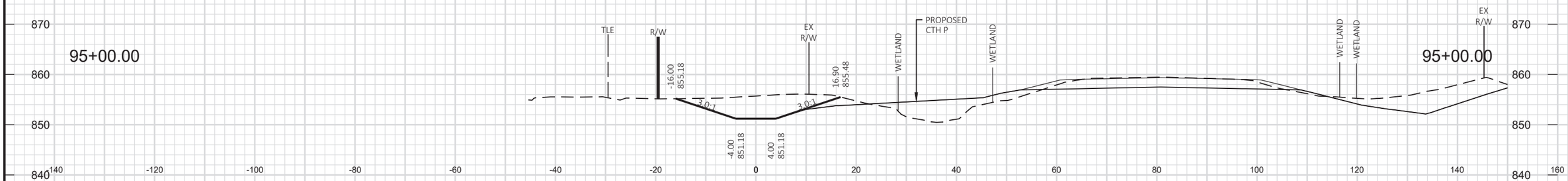
95+50.00



95+50.00

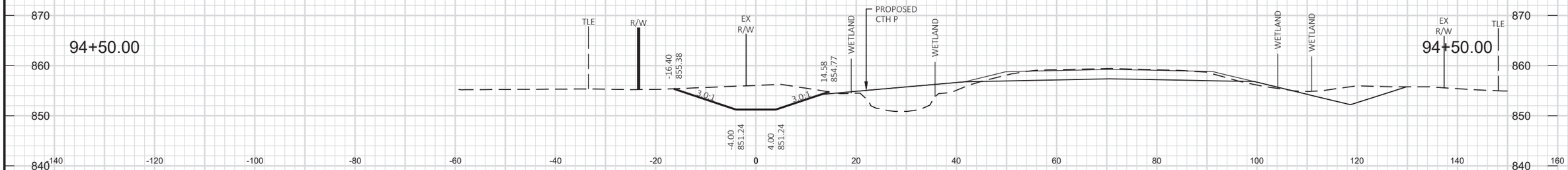
END CONSTRUCTION
POLK SPRING CREEK
STA 95+47.00

95+00.00



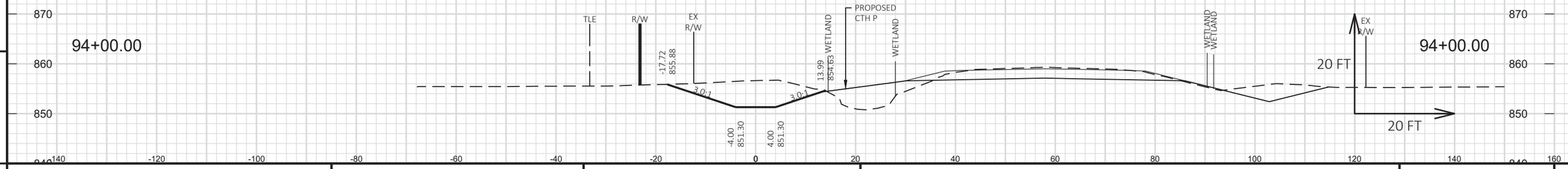
95+00.00

94+50.00



94+50.00

94+00.00



94+00.00

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PROJECT NO: 2711-06-70	HWY: CTH P	COUNTY: WASHINGTON	CROSS SECTIONS: POLK SPRING CREEK	SHEET	E

FILE NAME : S:\CURRPROJ\WASHINCO\CTH P_STH 145-STH 60\CIVIL3D\CTH P\SHEETSPLAN\WISDOT\WISDOT_CTHP-090201-XS.DWG
LAYOUT NAME - 502-Stream

PLOT DATE : 10/31/2023 7:06 AM PLOT BY : AARON SARAUER PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.