

3

CLEARING & GRUBBING

STATION	TO	STATION	LOCATION	CLEARING 201.0105 STA	GRUBBING 201.0205 STA
10+75	-	16+60	CTH K - R	6.00	6.00
11+10	-	12+00	MBR - L	1.00	1.00
TOTAL 0010				7	7

REMOVING CURB & GUTTER

STATION	LOCATION	204.0150 LF
258+00	CTH K - L (SW QUAD)	96
258+60	CTH K - R (SE QUAD)	82
TOTAL 0010		178

BASE AGGREGATE DENSE 3/4-INCH

STATION	TO	STATION	LOCATION	305.0110 TON	REMARKS
10+59	-	17+46	CTH K	168	
10+00	-	12+28	MOSQUITO BROOK ROAD	32	
11+00			MBR - L (NW QUAD)	16	DRIVEWAY GRAVEL
15+00			CTH K - L (SW QUAD)	38	DRIVEWAY GRAVEL
14+75			CTH K - R (SE QUAD)	21	DRIVEWAY GRAVEL
TOTAL 0010				275	

BASE AGGREGATE DENSE 1 1/4-INCH

STATION	TO	STATION	LOCATION	305.0120 TON
10+59	-	17+46	CTH K	1792
10+00	-	12+28	MOSQUITO BROOK ROAD	569
		258+98	STH 77 PATCH	37
TOTAL 0010				2398

REMOVING SMALL PIPE CULVERTS

STATION	LOCATION	203.0100 EACH
14+75	CTH K - RIGHT (DRIVEWAY CULVERT)	1
15+00	CTH K - LEFT (DRIVEWAY CULVERT)	1
TOTAL 0010		2

REMOVING ASPHALTIC SURFACE

STATION	LOCATION	204.0110 SY
11+00	MBR - L (NW QUAD-DRIVEWAY)	100
15+00	CTH K - L (SW QUAD-DRIVEWAY)	170
TOTAL 0010		270

EARTHWORK SUMMARY TABLE

	(1) UNCLASSIFIED EXCAVATION CY	(2) USEABLE MATERIAL CY	(3) EXPANDED FILL CY	(5) SUITABLE WASTE CY	205.0400 EXCAVATION MARSH CY	(6) EXCAVATION BELOW SUBGRADE CY	(7) 208.1100 SELECT BORROW CY
<u>ROADWAY</u>							
CTH K							
PHASE 1	954.9 1045	1089.3 1179	690.5930	398.260	✓ 224	✓ 0	✓ 336
PHASE 2	1098.6 928	1109.36 939	877.7639	251.7300	✓ 0	✓ 11	✓ 0
MOSQUITO							
BROOK ROAD							
PHASE 2	✓ 446	✓ 461	✓ 123	✓ 338	✓ 0	✓ 14	✓ 0
PROJECT TOTALS:	2419	2579	1692	898	224	25	336

(1) UNCLASSIFIED EXCAVATION FROM C3D SURFACES

(2) USEABLE MATERIAL = USEABLE COMMON EXCAVATION + EBS + (MARSH EXCAVATION * MARSH REDUCTION FACTOR);
MARSH REDUCTION FACTOR = 0.60

(3) EXPANDED FILL = REQUIRED FILL MATERIAL = FILL + EBS FILL (VOLUMES ARE EXPANDED)

(4) BORROW EXCAVATION = EXPANDED FILL - USEABLE MATERIAL

(5) SUITABLE WASTE IS SURPLUS MATERIAL SUITABLE FOR USE AS FILL THAT IS BEYOND THE VOLUME NEEDED FOR THE PROJECT.

(6) EXCAVATION BELOW SUBGRADE IS NOT USED TO BALANCE EARTHWORK. QUANTITY IS INCLUDED AND PAID FOR IN THE ITEM OF COMMON EXCAVATION. IT IS USED FOR PREPARING ROADWAY FOUNDATION (REMOVING PAVEMENT WITHIN 2' OF FG THAT IS NOT REMOVED UNDER UNCLASSIFIED).

(7) SELECT BORROW = MARSH EXCAVATION * MARSH EXPANSION FACTOR; MARSH EXPANSION FACTOR = 1.50

FINISHING ROADWAY (8520-01-74)

LOCATION	213.0100 EACH
8520-01-74	1
TOTAL 0010	1

SALVAGED ASPHALTIC PAVEMENT BASE

STATION	LOCATION	306.0110 TON
258+98	STH 77 PATCH	21
TOTAL 0010		21

PROJECT NO: 8520-01-74

HWY: STH 77

COUNTY: SAWYER

MISCELLANEOUS QUANTITIES

SHEET: 16

E

FILE NAME : N:\PDS\1030200_mq.pptx

PLOT DATE : MARCH 5, 2015

PLOT BY : TGJ

PLOT NAME :

Addendum No. 02
ID 8520-01-74
Revised Sheet 16
December 3, 2015

3

EARTHWORK DATA - CTH K (PHASE 1)

STATION	AREA				VOLUME					
	UNCLASS. SF	(1) EBS SF	MARSH SF	FILL SF	UNCLASS. CUT CY	EBS CUT CY	EXPANDED EBS FILL CY	MARSH CUT CY	(2) EXPANDED MARSH FILL CY	EXPANDED FILL CY
10+59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11+50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12+50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13+50	0.00	0.00	0.00	50.75	0.00	0.00	0.00	0.00	0.00	58.74
14+00	43.61	0.00	0.00	10.48	40.38	0.00	0.00	0.00	0.00	70.87
14+50	120.76	0.00	0.00	3.80	152.19	0.00	0.00	0.00	0.00	16.53
15+00	46.78	0.00	0.00	9.00	155.13	0.00	0.00	0.00	0.00	14.81
15+50	113.70	0.00	0.00	0.00	148.59	0.00	0.00	0.00	0.00	10.42
16+00	102.00	0.00	0.00	0.00	199.72	0.00	0.00	0.00	0.00	0.00
16+50	46.69	0.00	95.17	95.17	137.68	0.00	0.00	88.12	132.18	110.15
17+00	32.90	0.00	30.70	128.33	73.69	0.00	0.00	116.55	174.82	258.68
17+34	42.61	0.00	0.00	62.67	47.54	0.00	0.00	19.33	28.99	150.32
TOTAL	549.05	0.00	125.87	360.20	954.93	0.00	0.00	224.00	335.99	690.52

FILL QUANTITIES ARE EXPANDED, NATIVE & EBS FILL EXPANSION FACTOR = 1.25
MARSH EXPANSION FACTOR = 1.50, MARSH TO BE FILLED WITH SELECT BORROW

EARTHWORK DATA - CTH K (PHASE 2)

STATION	AREA				VOLUME					
	UNCLASS. SF	(1) EBS SF	MARSH SF	FILL SF	UNCLASS. CUT CY	EBS CUT CY	EXPANDED EBS FILL CY	MARSH CUT CY	(2) EXPANDED MARSH FILL CY	EXPANDED FILL CY
10+59	60.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11+00	53.62	0.00	0.00	0.23	86.62	0.00	0.00	0.00	0.00	0.22
11+50	35.53	0.00	0.00	14.10	82.55	0.00	0.00	0.00	0.00	16.59
12+00	28.13	0.00	0.00	48.24	58.94	0.00	0.00	0.00	0.00	72.15
12+50	8.92	3.54	0.00	63.69	34.31	3.28	4.10	0.00	0.00	129.55
13+00	0.00	2.27	0.00	114.62	8.26	5.38	6.72	0.00	0.00	206.38
13+50	0.00	0.00	0.00	68.32	0.00	2.10	2.63	0.00	0.00	211.74
14+00	43.61	0.00	0.00	45.23	40.38	0.00	0.00	0.00	0.00	131.42
14+50	15.33	0.00	0.00	19.21	54.57	0.00	0.00	0.00	0.00	74.58
15+00	50.81	0.00	0.00	1.87	61.24	0.00	0.00	0.00	0.00	24.40
15+50	63.43	0.00	0.00	2.39	105.78	0.00	0.00	0.00	0.00	4.93
16+00	75.37	0.00	0.00	1.27	128.52	0.00	0.00	0.00	0.00	4.24
16+50	103.39	0.00	0.00	0.00	165.52	0.00	0.00	0.00	0.00	1.47
17+00	51.40	0.00	0.00	0.00	143.32	0.00	0.00	0.00	0.00	0.00
17+34	152.89	0.00	0.00	0.00	128.63	0.00	0.00	0.00	0.00	0.00
TOTAL	742.90	5.81	0.00	379.17	1098.64	10.76	13.45	0.00	0.00	877.66

FILL QUANTITIES ARE EXPANDED, NATIVE & EBS FILL EXPANSION FACTOR = 1.25

MARSH EXPANSION FACTOR = 1.50, MARSH TO BE FILLED WITH SELECT BORROW

(1) EBS IS FOR PREPARING ROADWAY FOUNDATION (REMOVING PAVEMENT WITHIN 2' OF FG THAT ISN'T REMOVED UNDER UNCLASSIFIED)

(2) EXPANDED MARSH FILL IS AMOUNT OF SELECT GRANULAR REQUIRED TO FILL THE VOID LEFT IN THE MARSH AFTER EXCAVATION

EARTHWORK DATA - MOSQUITO BROOK ROAD

STATION	AREA				VOLUME								
	UNCLASS. SF	(1) EBS SF	MARSH SF	FILL SF	UNCLASS. CY	EBS CUT CY	EBS FILL CY	MARSH CUT CY	MARSH FILL CY	FILL CY	MASS HAUL	(2) USEABLE UNCLASSIFIED MATERIAL (CY)	(3) TOTAL USEABLE MATERIAL (CY)
10+35	46.37	1.02	0.00	68.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10+50	15.52	5.89	0.00	46.74	17.19	1.92	2.40	0.00	0.00	40.02	-22.83	17.19	19.11
11+00	86.82	3.76	0.00	1.08	94.76	8.94	11.17	0.00	0.00	55.35	16.58	94.76	103.69
11+50	85.43	0.00	0.00	3.89	159.49	3.48	4.35	0.00	0.00	5.75	170.32	159.49	162.97
12+00	47.15	0.00	0.00	0.00	122.76	0.00	0.00	0.00	0.00	4.50	288.57	122.76	122.76
12+28	53.15	0.00	0.00	0.00	52.01	0.00	0.00	0.00	0.00	0.00	340.58	52.01	52.01
TOTAL	334.44	10.67	0.00	120.24	446.21	14.34	17.92	0.00	0.00	105.63		446.21	460.54

FILL QUANTITIES ARE EXPANDED, NATIVE & EBS FILL EXPANSION FACTOR = 1.25

MARSH EXPANSION FACTOR = 1.50, MARSH TO BE FILLED WITH SELECT BORROW

(1) EBS IS FOR PREPARING ROADWAY FOUNDATION (REMOVING PAVEMENT WITHIN 2' OF FG THAT ISN'T REMOVED UNDER UNCLASSIFIED)

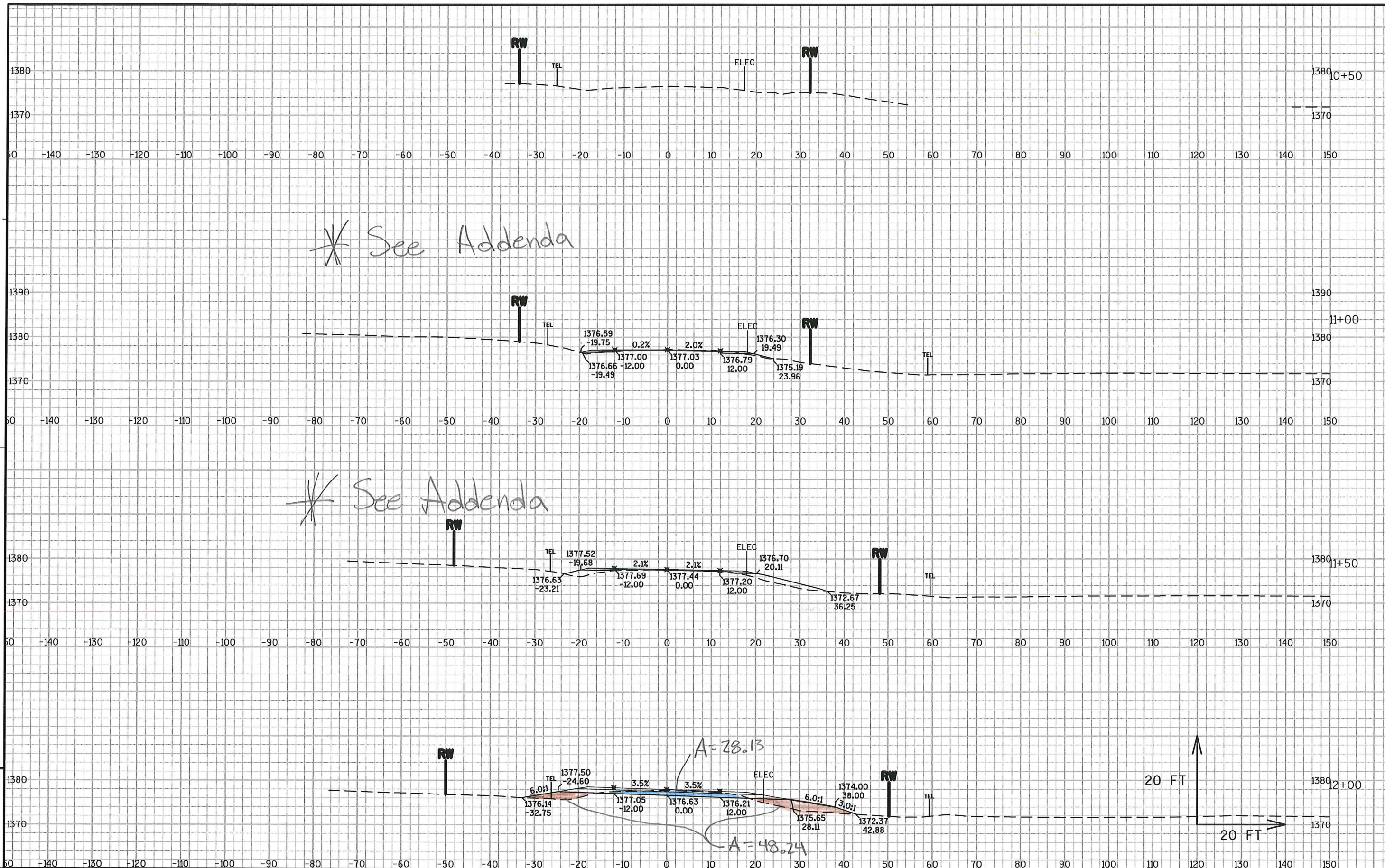
(2) USEABLE UNCLASSIFIED MATERIAL REPRESENTS UNCLASSIFIED MATERIAL AVAILABLE FOR USE IN CONSTRUCTION OF THE ROADBED.

(3) TOTAL USEABLE MATERIAL = USEABLE CLASSIFIED MATERIAL+(MARSH CUT*0.60)+EBS CUT

● = Phase 1 Required Fill

○ = Phase 1 Construction

● = Phase 1 Available Material



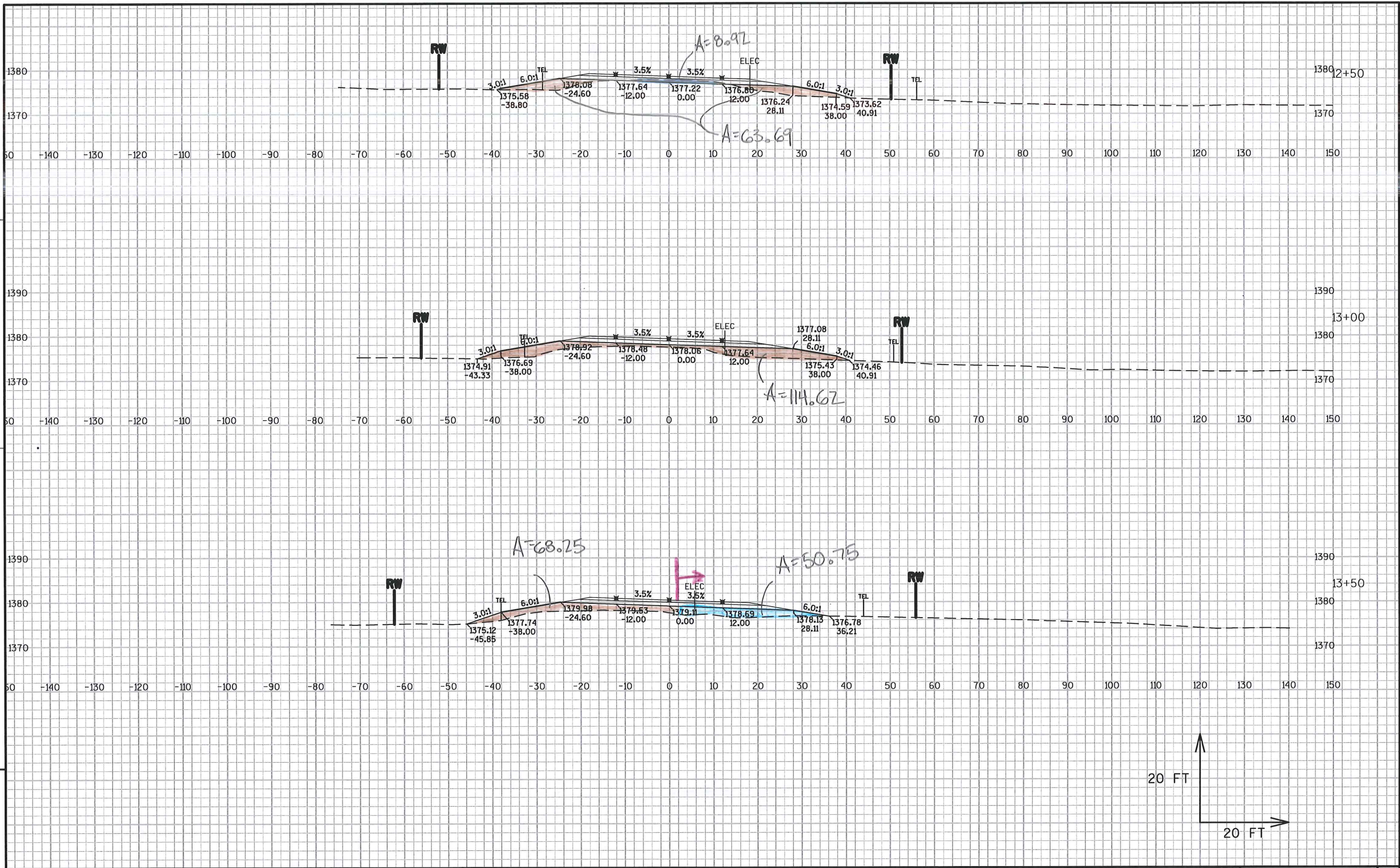
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● Phase 2 Cut

● Phase 2 Fill

● Phase 2 Construction



PROJECT NO: 8520-01-74

HWY: STH 77

COUNTY: SAWYER

CROSS SECTIONS: CTH K

SHEET

E

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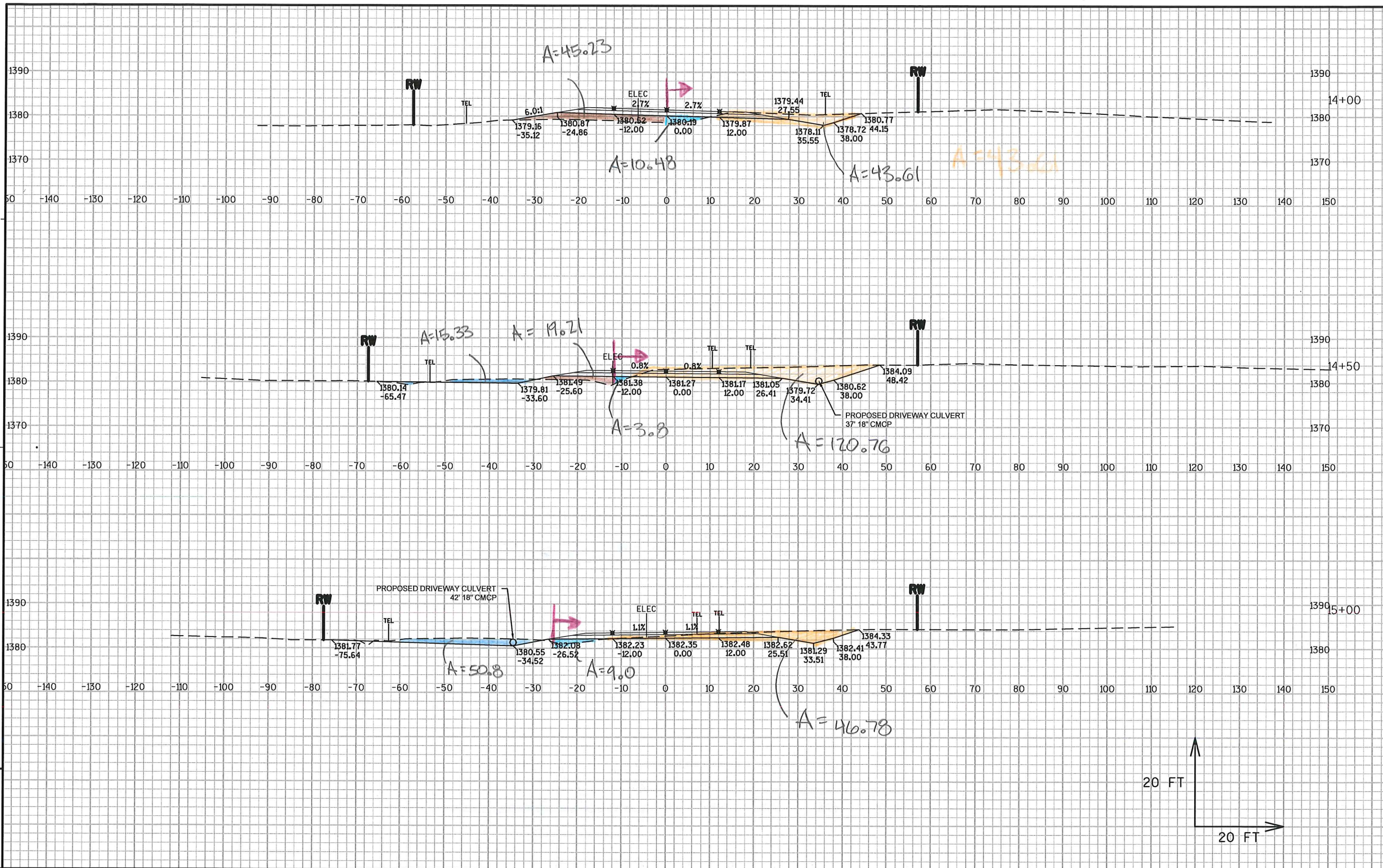
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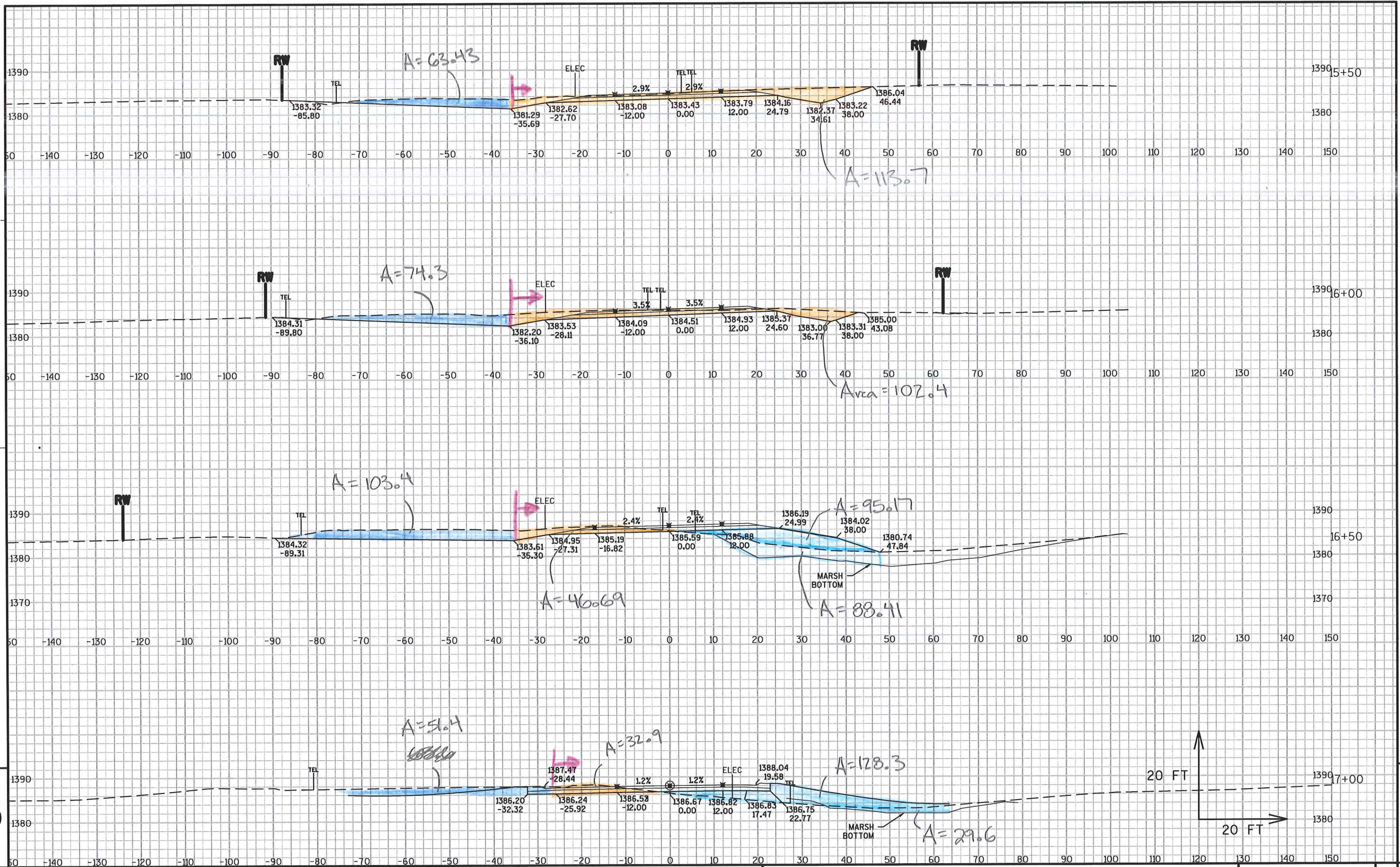
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WISDOT/CADDs SHEET 49



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PROJECT NO: 8520-01-74

HWY: STH 77

COUNTY: SAWYER

CROSS SECTIONS: CTH K

SHEET

E

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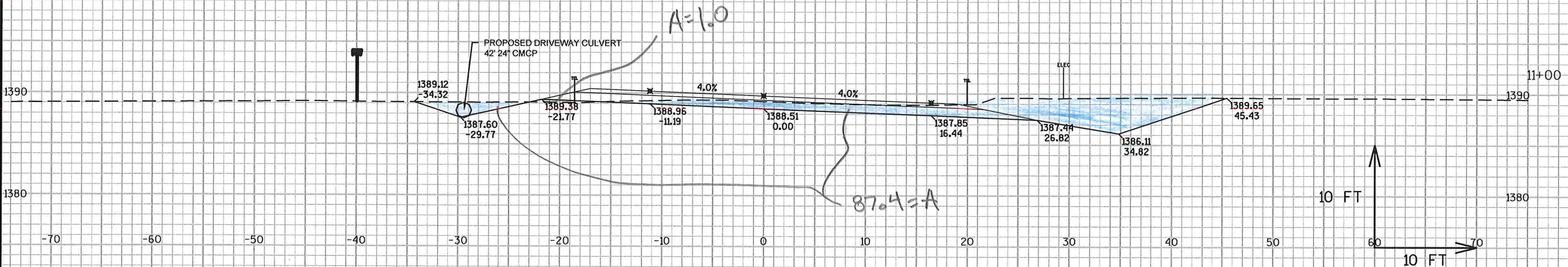
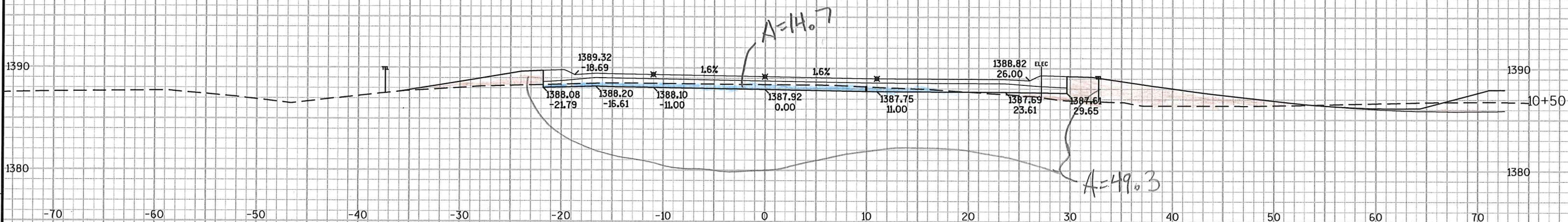
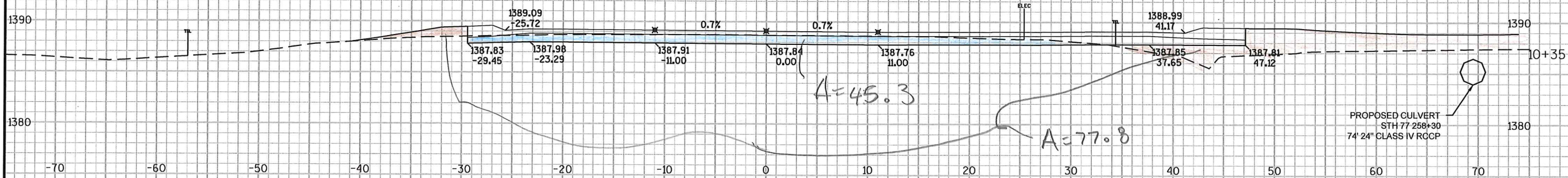
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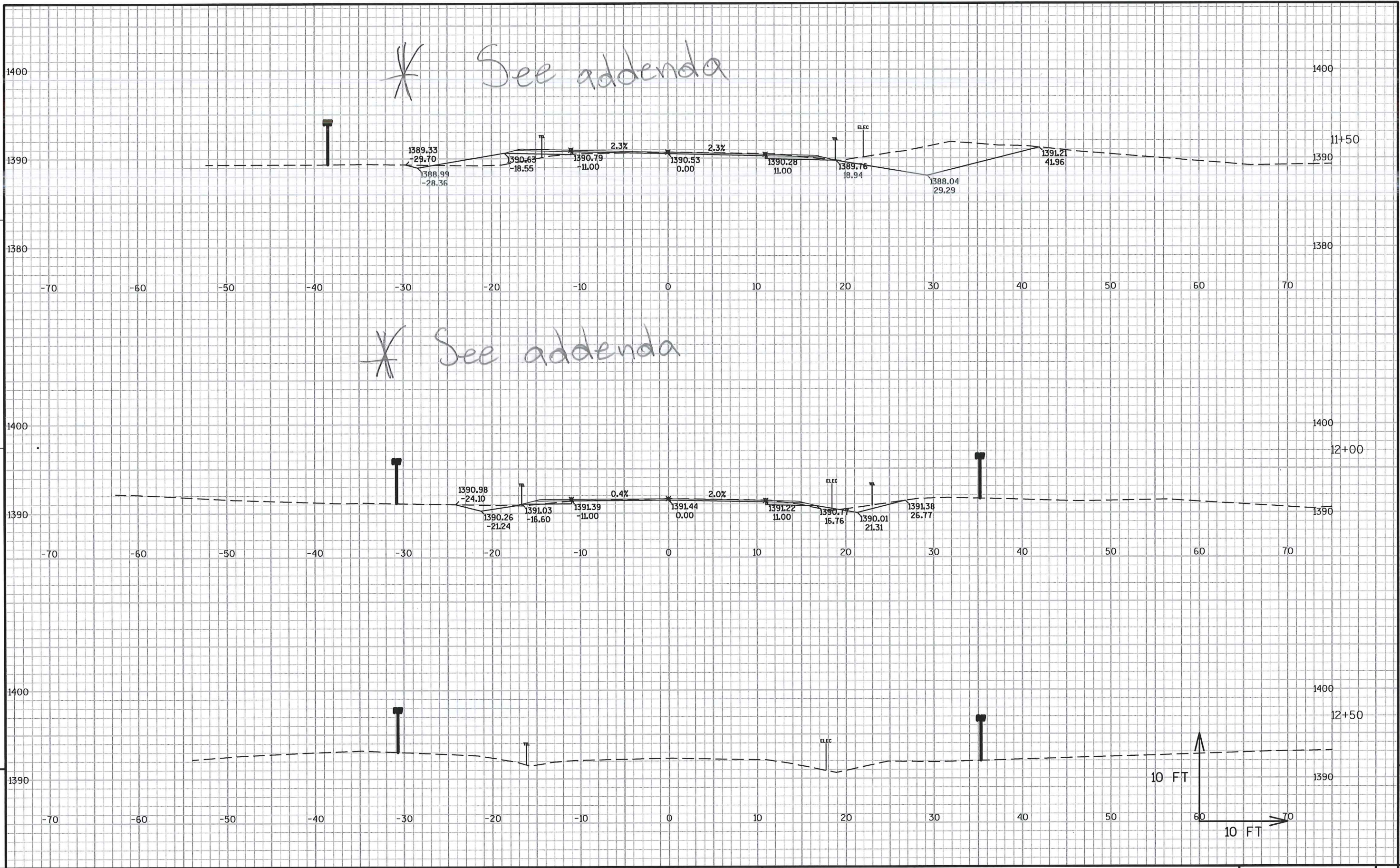
PLOT BY : JENSEN, TRAVIS G

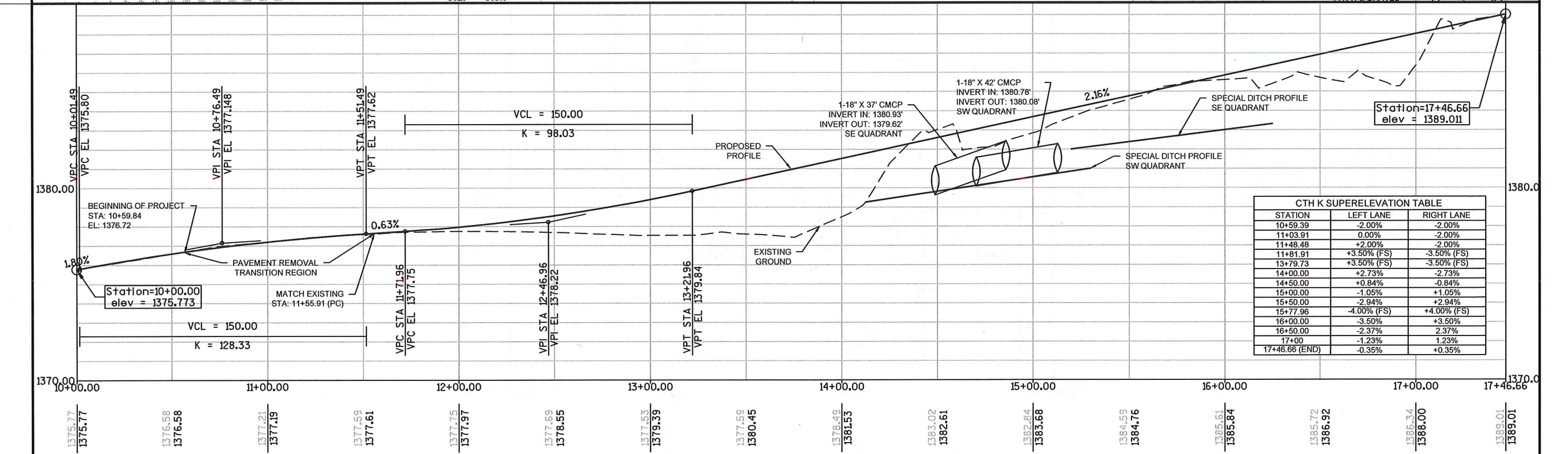
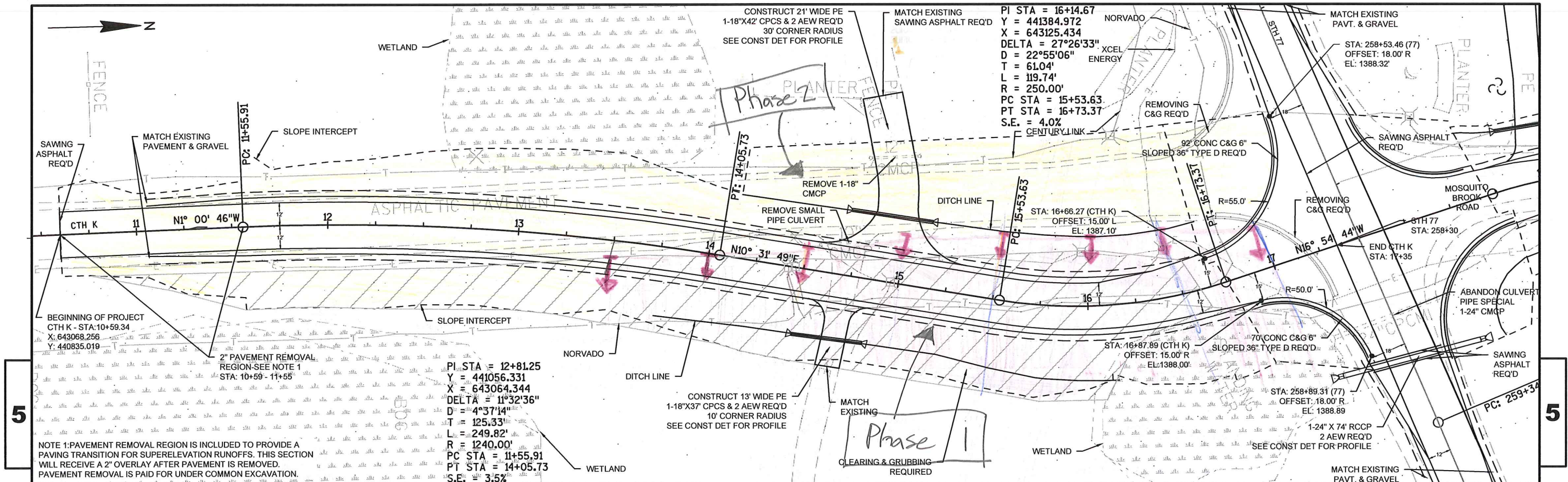
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WISDOT/CADDs SHEET 49

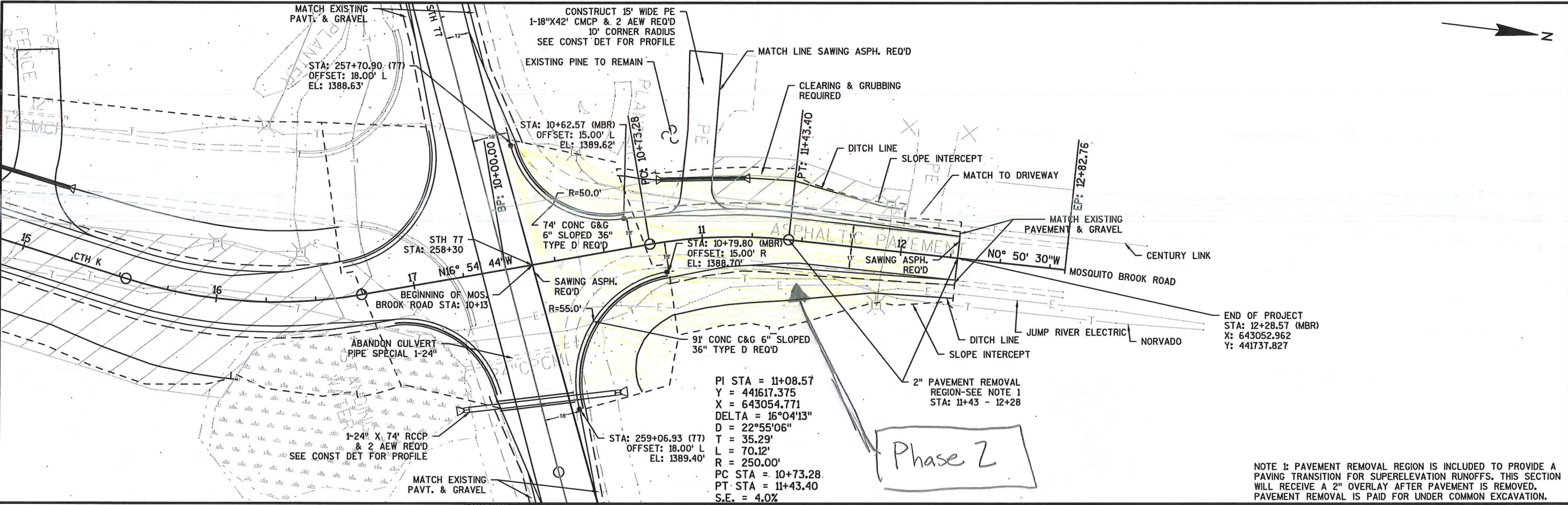




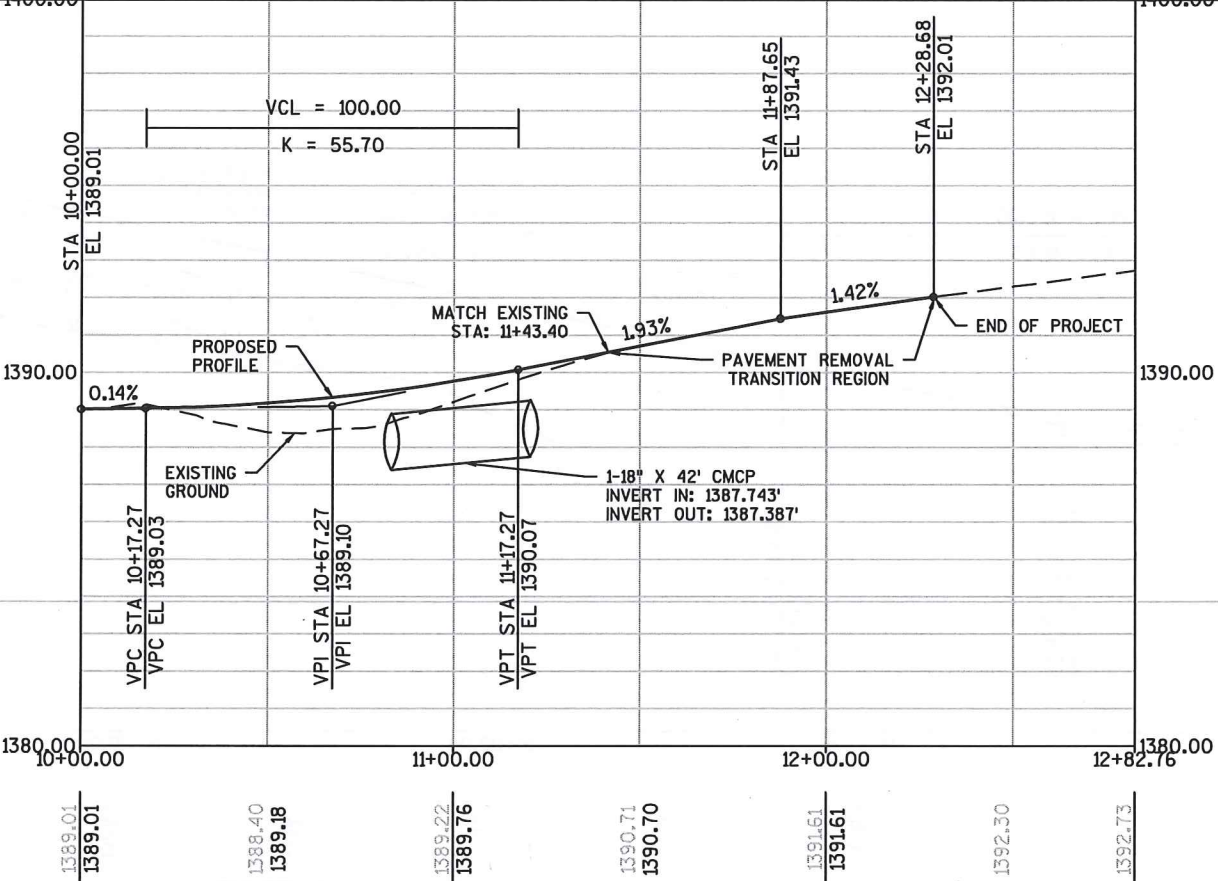


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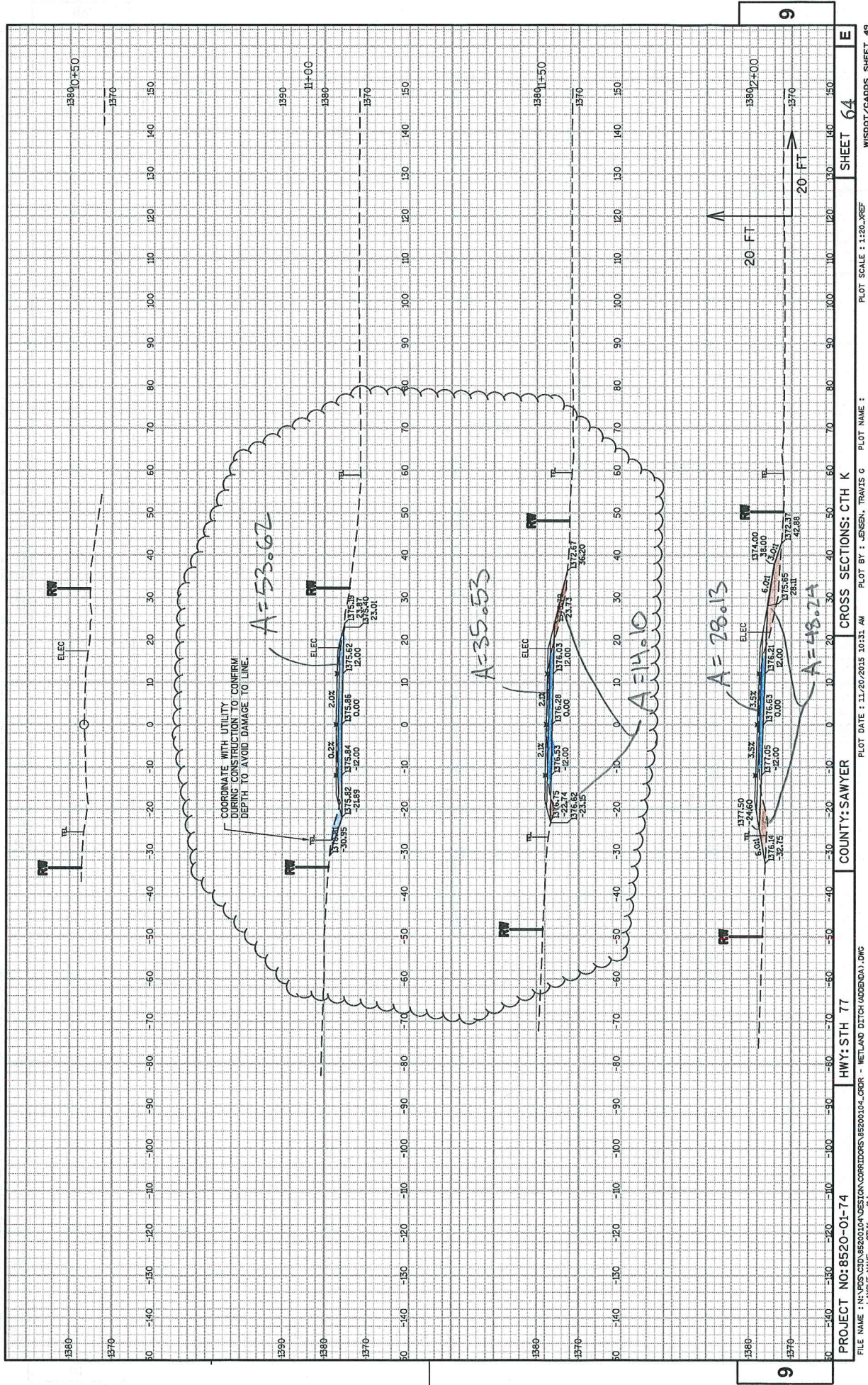
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MOS. BROOK ROAD SUPERELEVATION TABLE		
STATION	LEFT LANE	RIGHT LANE
10+18.00	-0.35%	+0.35%
10+24.53	0.00%	0.00%
10+56.00	+2.00%	-2.00%
11+00.00	+4.00% (FS)	-4.00% (FS)
11+19.07	+4.00% (FS)	-4.00% (FS)
11+55.57	+2.00%	-2.00%
11+92.07	0.00%	-2.00%
12+28.57	-2.00%	-2.00%



Addenda: CTH K



Addenda 8 MBR

