



OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
SEVEN OAKS DAM
2024 SEDIMENT STUDY



LOCATION MAP



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT. THIS 3RD DAY OF SEPTEMBER, 2024.

DocuSigned by:

Elliott Medina

PROFESSIONAL LAND SURVEYOR

ELLIOTT MEDINA, PLS.

SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S STATEMENT:

THIS MAP HAS BEEN EXAMINED IN ACCORDANCE WITH THE PROFESSIONAL LAND SURVEYORS' ACT; THIS 3RD DAY OF SEPTEMBER, 2024.

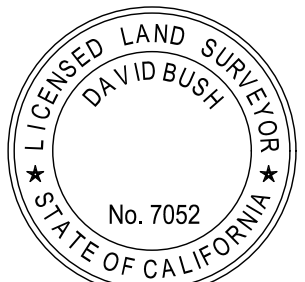
DocuSigned by:

David Bush

PROFESSIONAL LAND SURVEYOR

DAVID BUSH, PLS.

SENIOR LAND SURVEYOR



U.S. Survey Foot

OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

TOPOGRAPHIC MAPPING PROJECT

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (1998.5) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTROL POINTS 5007 AND 5008 BEING NORTH 71°33'09" EAST AS DERIVED FROM THE COORDINATES FROM THE "FINAL SURVEY REPORT" PROVIDED BY SAN BERNARDINO COUNTY.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (1998.5) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES MULTIPLY GRID BY A COMBINED FACTOR OF 1.00006261.

THIS COMBINATION FACTOR WAS HELD AT: CP# 5007
N: 2350923.58 E: 6306400.25 EL: 2604.35

ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

NGVD 1929

GPS#5009, S02011-363 ELEV. = 2608.13' YEAR LEVELED: 2001

DESCRIPTION: CONTROL PILLAR LOCATED AT SEVEN OAKS DAM.

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES. DATA WAS COLLECTED USING DRONE AERIAL LIDAR FOR AREAS OUTSIDE OF CONVENTIONAL TOPO LIMITS.

SHEET INDEX

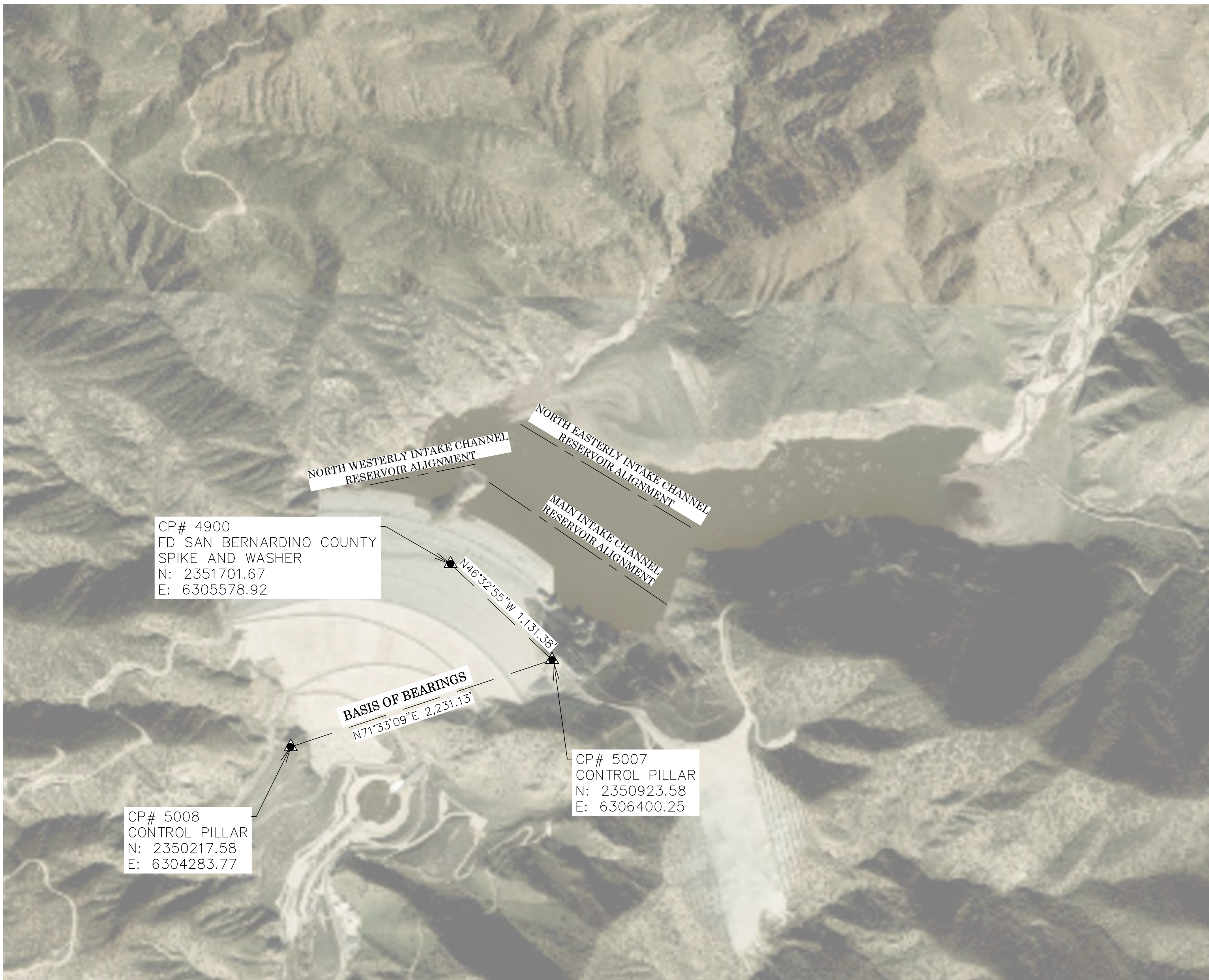
SHEET	NO.	DESCRIPTION
1	1	TITLE SHEET
2-4	2-4	ALIGNMENT SHEET
5-7	5-7	TOPOGRAPHIC MAP
8-43	8-43	SECTIONS

BASIS OF STATIONING

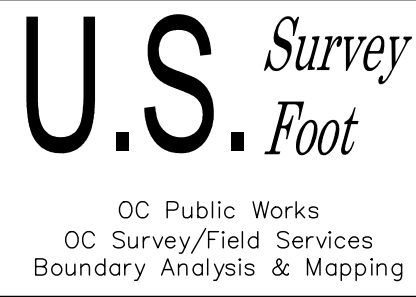
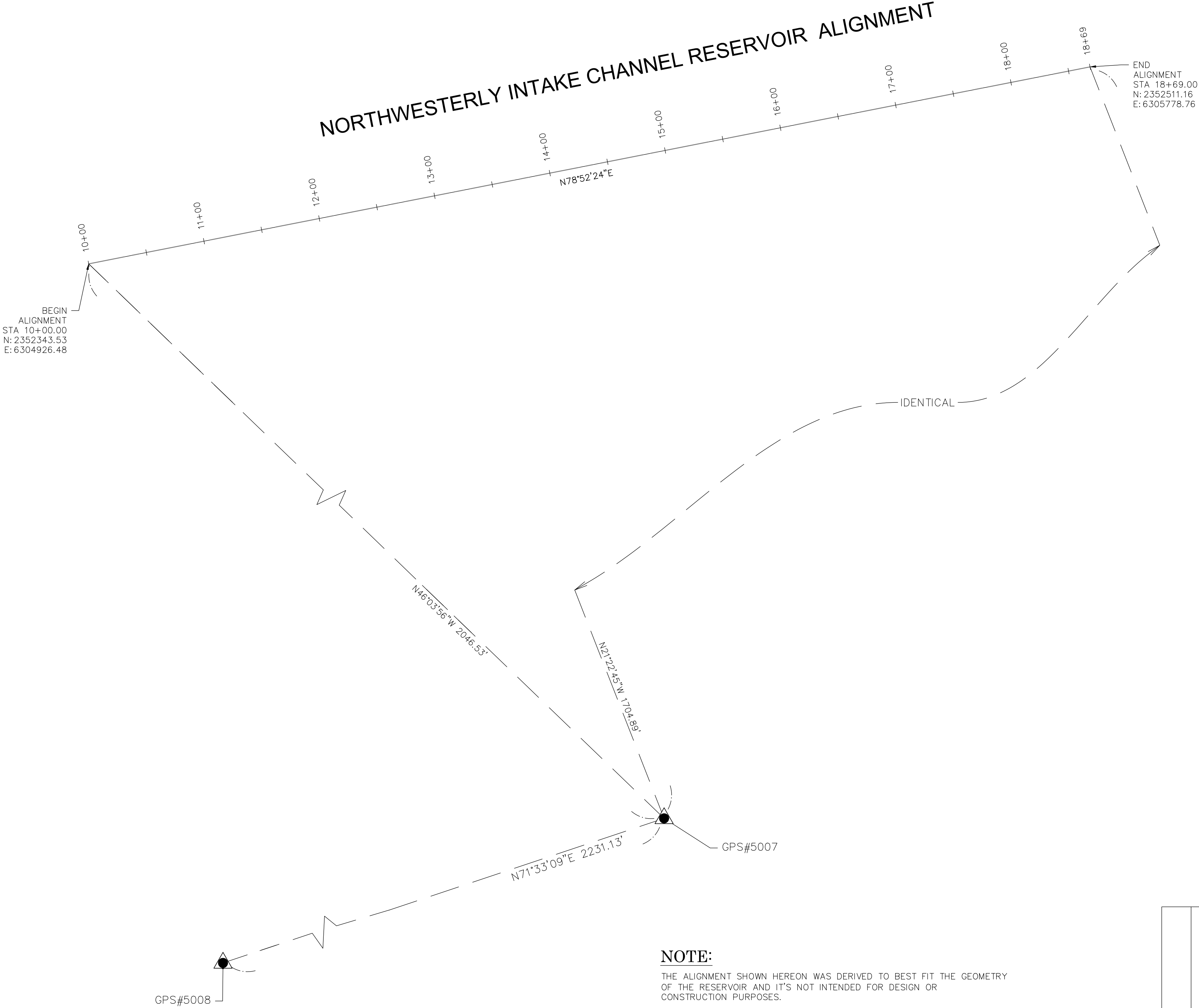
THE BASIS FOR STATIONING IS ASSUMED AS FOLLOWS: NORTHWESTERLY INTAKE CHANNEL RESERVOIR ALIGNMENT = 10+00, MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT 20+00 AND NORTHEASTERLY INTAKE CHANNEL RESERVOIR ALIGNMENT = 40+00 AND ARE TO BE USED FOR CONSTRUCTION PURPOSES ONLY.

PURPOSE OF SURVEY

THE PURPOSE OF THE SURVEY IS TO PROVIDE A TOPOGRAPHIC MAP FOR EVALUATING SEDIMENT BUILDUP IN THIS PORTION OF THE SEVEN OAKS DAM.

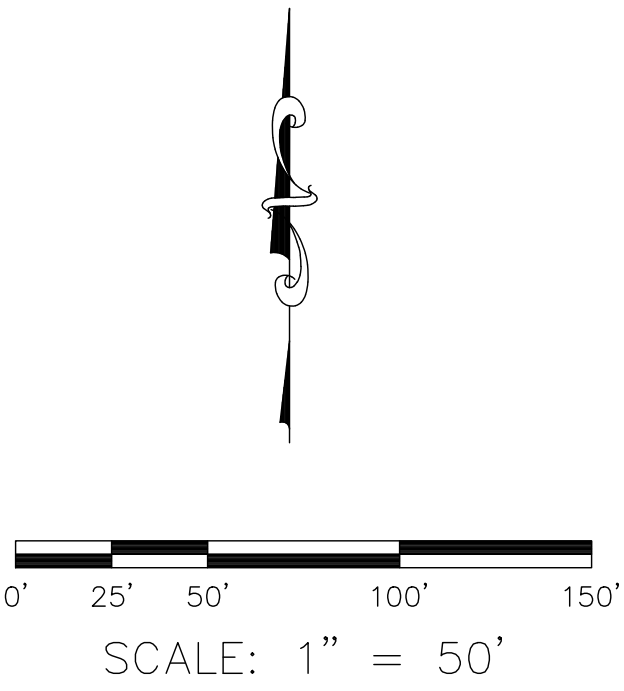
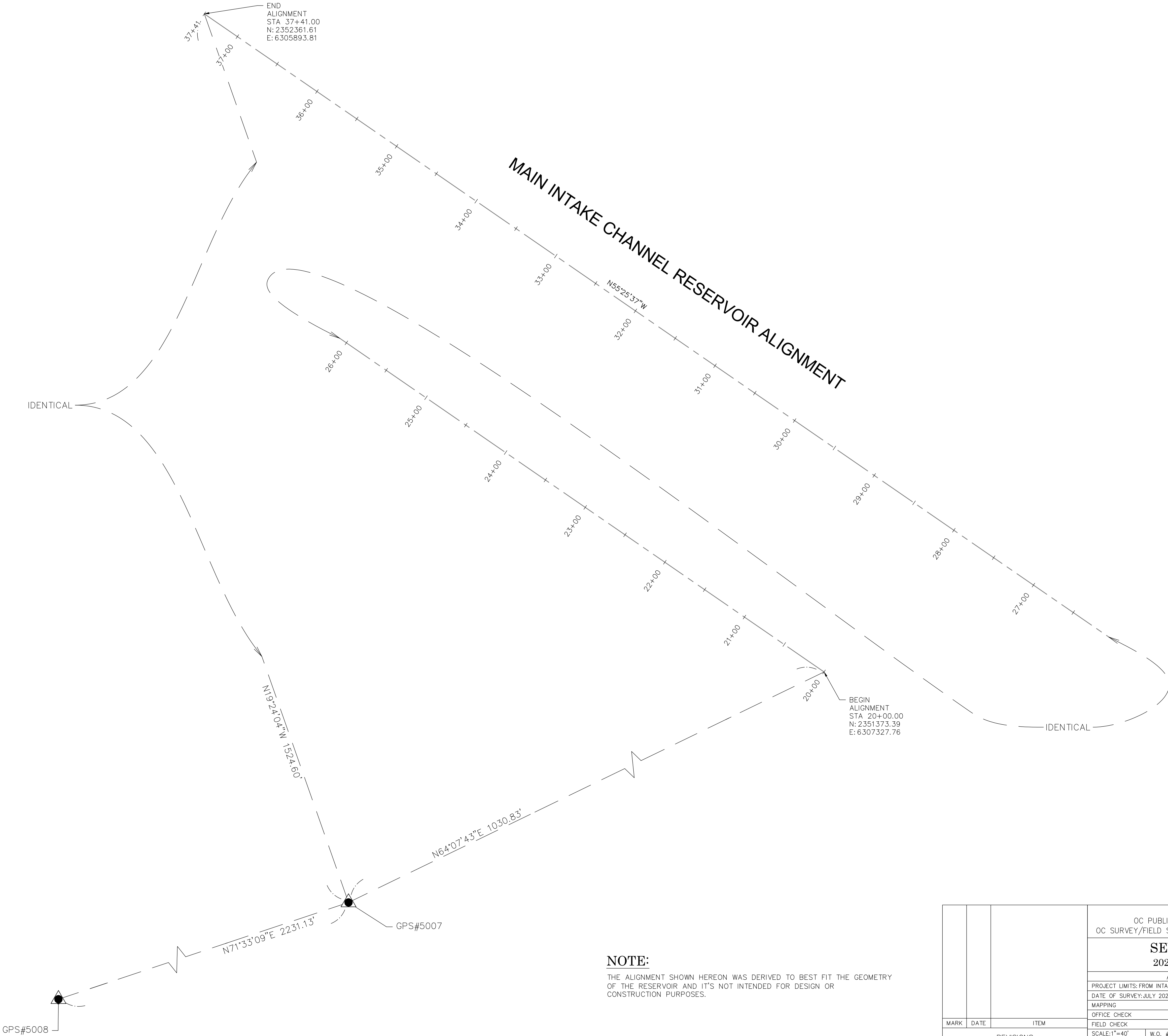


			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			SHEET NO. 1 of 43
			SEVEN OAKS DAM 2024 SEDIMENT STUDY			
			TITLE SHEET			
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
MARK	DATE	ITEM	DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: D. BUSH, PLS	
			FIELD CHECK		BY: N/A	
			SCALE: N.T.S.		W.O. #EF40059	
REVISIONS			FILE: SEVEN OAKS DAM_TOPO_2024.DWG			



NOTE:
THE ALIGNMENT SHOWN HEREON WAS DERIVED TO BEST FIT THE GEOMETRY OF THE RESERVOIR AND IT'S NOT INTENDED FOR DESIGN OR CONSTRUCTION PURPOSES.

MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SEVEN OAKS DAM 2024 SEDIMENT STUDY			
			ALIGNMENT ESTABLISHMENT			
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
			DATE OF SURVEY: JULY 2024		SHEET NO. 2 of 41	
			MAPPING			
			OFFICE CHECK			
			FIELD CHECK			
			SCALE: 1"=40'		W.O. #EF40059	FILE #2324PS-FP0003
			FILE: SEVEN OAKS DAM_ALIGNMENT_2024.DWG			



U.S. Survey Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

NOTE:
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MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SEVEN OAKS DAM 2024 SEDIMENT STUDY			
			ALIGNMENT ESTABLISHMENT			
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
			DATE OF SURVEY: JULY 2024		SHEET NO. 3 of 41	
			MAPPING			
			OFFICE CHECK			
			FIELD CHECK			
			SCALE: 1"=40'		W.O. #EF40059	FILE #2324PS-FP0003
			FILE: SEVEN OAKS DAM_ALIGNMENT_2024.DWG			
REVISIONS						

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				SHEET NO. 4 of 41
		SEVEN OAKS DAM 2024 SEDIMENT STUDY				
		ALIGNMENT ESTABLISHMENT				
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM				
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		
MARK	DATE	ITEM	MAPPING			
			OFFICE CHECK			
			FIELD CHECK			
			SCALE: 1"= 40' W.O. #EF40059 FILE # 2324PS-FP0003			
			FILE: SEVEN OAKS DAM_ALIGNMNT_2024.DWG			

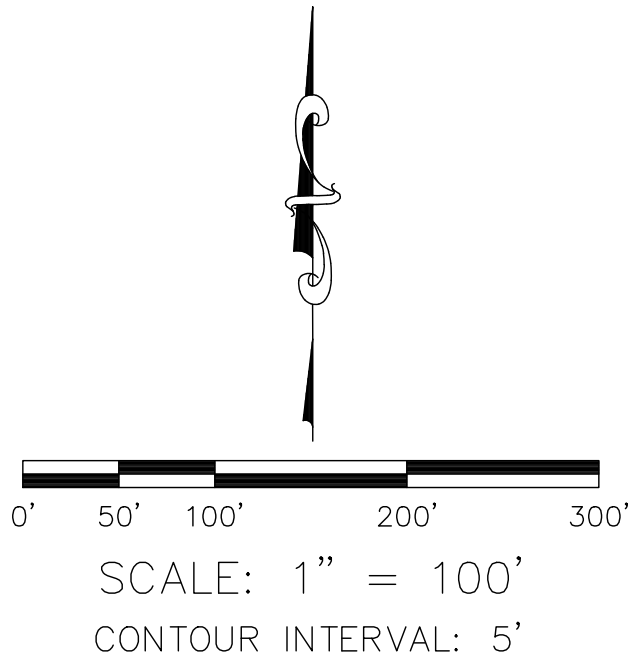
NORTHWESTERLY INTAKE CHANNEL RESERVOIR ALIGNMENT

NORTHEASTERLY INTAKE CHANNEL RESERVOIR ALIGNMENT

MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT

U.S. *Survey* *Foot*

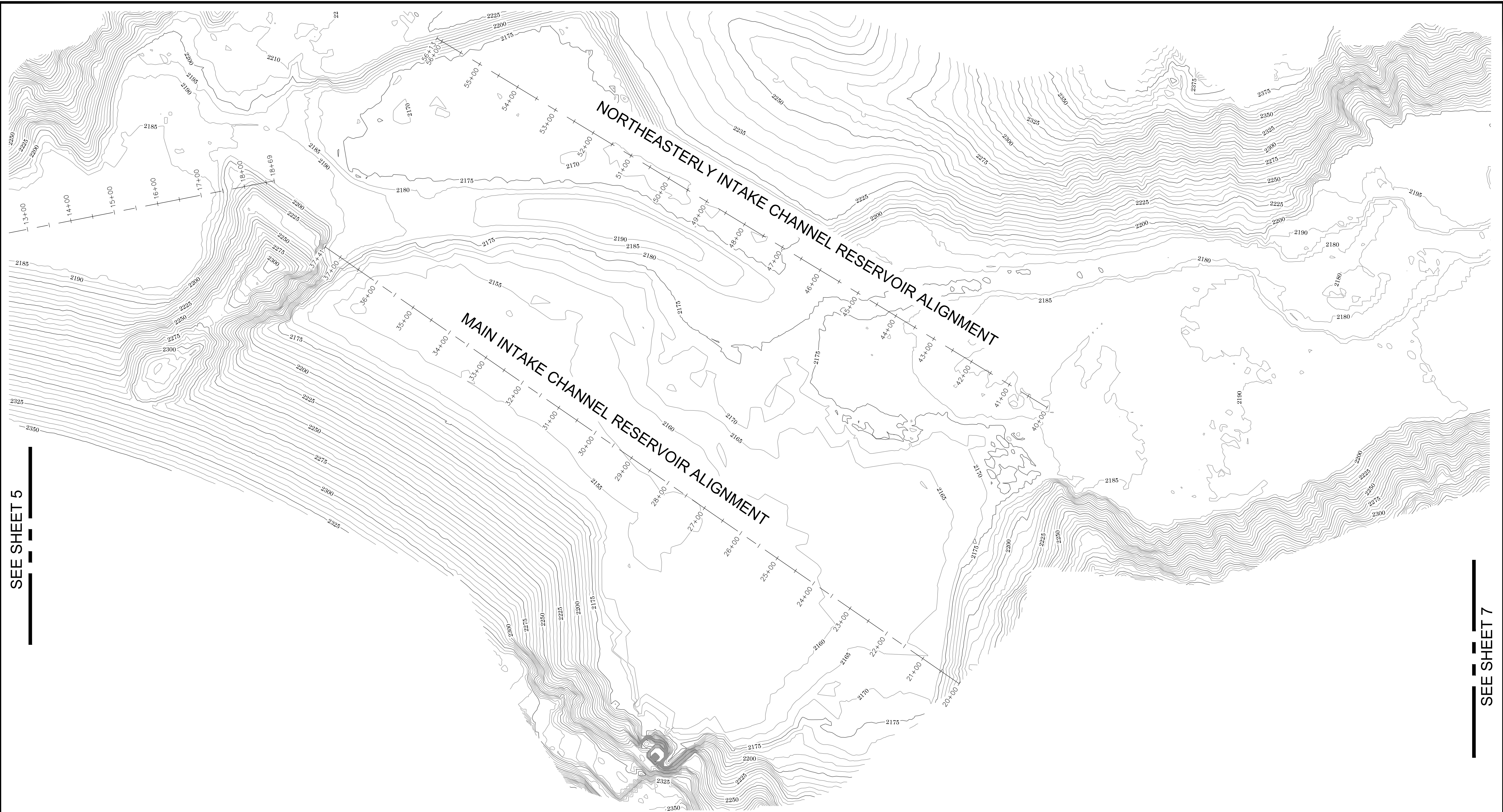
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping



SEE SHEET 6

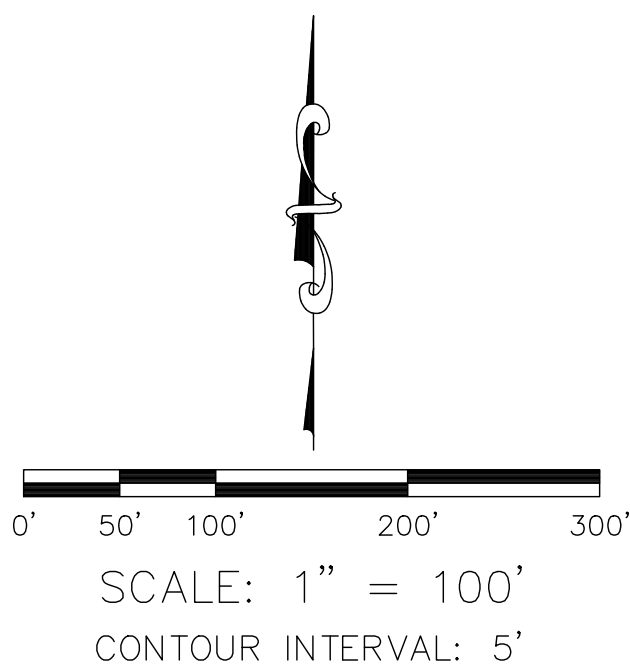
MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SEVEN OAKS DAM 2024 SEDIMENT STUDY		
			TITLE SHEET		
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM		
			DATE OF SURVEY: JULY 2024		SHEET NO. 5 of 43
			MAPPING		
			OFFICE CHECK		
FIELD CHECK					
SCALE: 1"=100'		W.O. #EF40059	FILE # 2324PW-FP0003		
REVISIONS		FILE: SEVEN OAKS DAM_TOPO_2024.DWG			

SEE SHEET 7



SEE SHEET 5

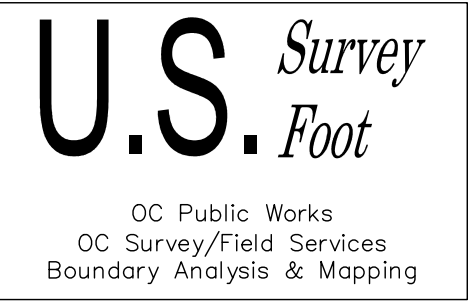
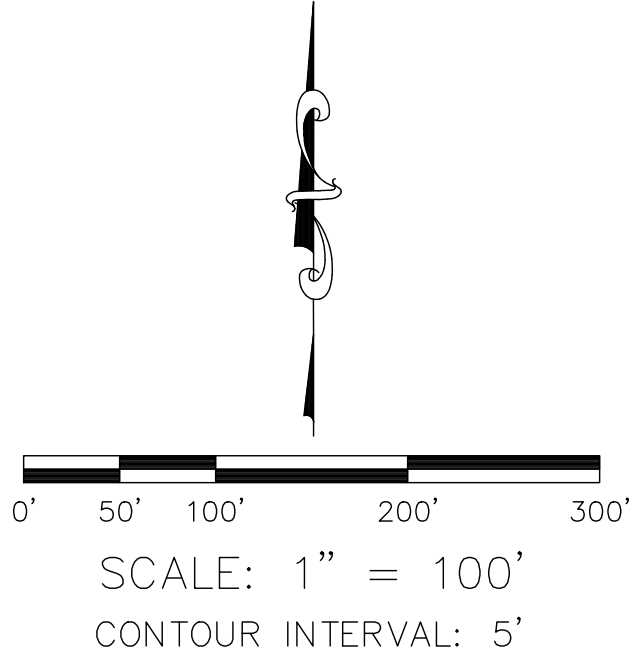
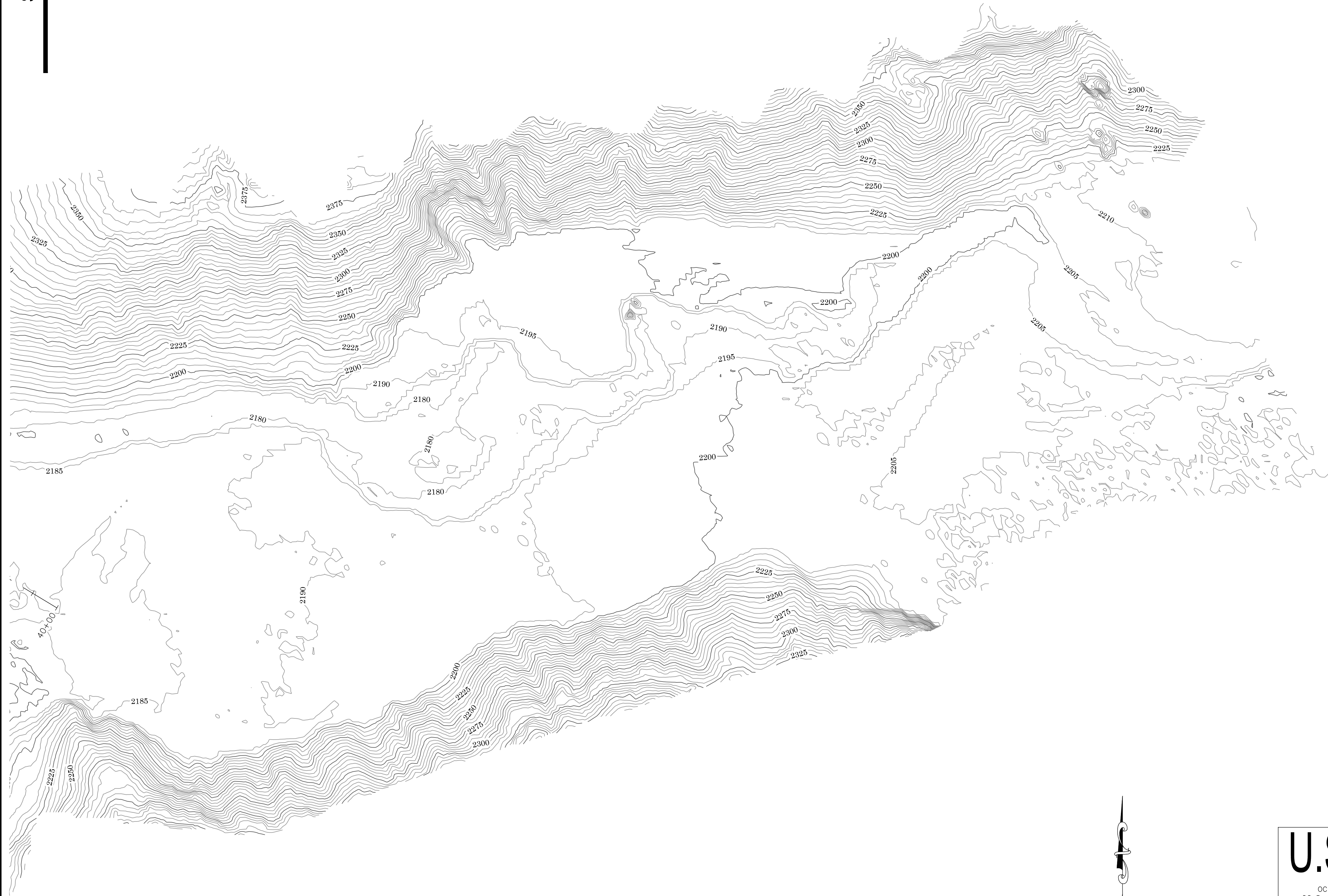
SEE SHEET 7



U.S. Survey
Foot
OC Public Works
OC Survey/Field Services
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		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
		SEVEN OAKS DAM 2024 SEDIMENT STUDY				
		TITLE SHEET				
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM				
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 6 of 43
		MAPPING		BY: J. PEDRETTI		
OFFICE CHECK		BY: D. BUSH, PLS				
FIELD CHECK		BY: N/A				
MARK	DATE	ITEM				
REVISIONS		SCALE: 1"=100'		W.O. #EF40059	FILE # 2324PW-FP0003	
		FILE: SEVEN OAKS DAM_TOPO_2024.DWG				

SEE SHEET 6



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SEVEN OAKS DAM 2024 SEDIMENT STUDY		
			TITLE SHEET		
			PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM		
			DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY	SHEET NO. 7 of 43
			MAPPING	BY: J. PEDRETTI	
			OFFICE CHECK	BY: D. BUSH, PLS	
			FIELD CHECK	BY: N/A	
MARK	DATE	ITEM	SCALE: 1"=100'	W.O. #EF40059	FILE #2324PW-FP0003
REVISIONS			FILE: SEVEN OAKS DAM_TOPO_2024.DWG		



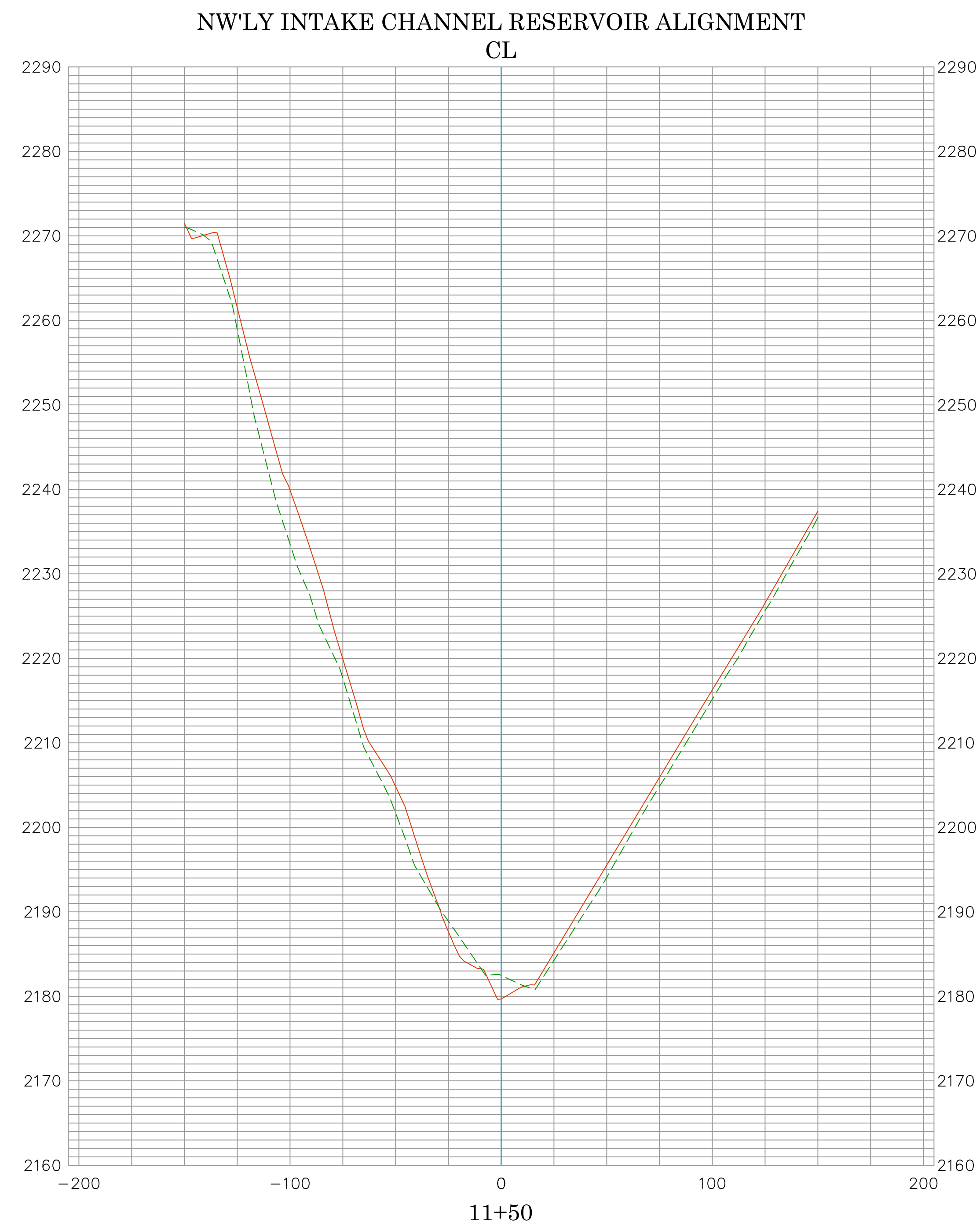
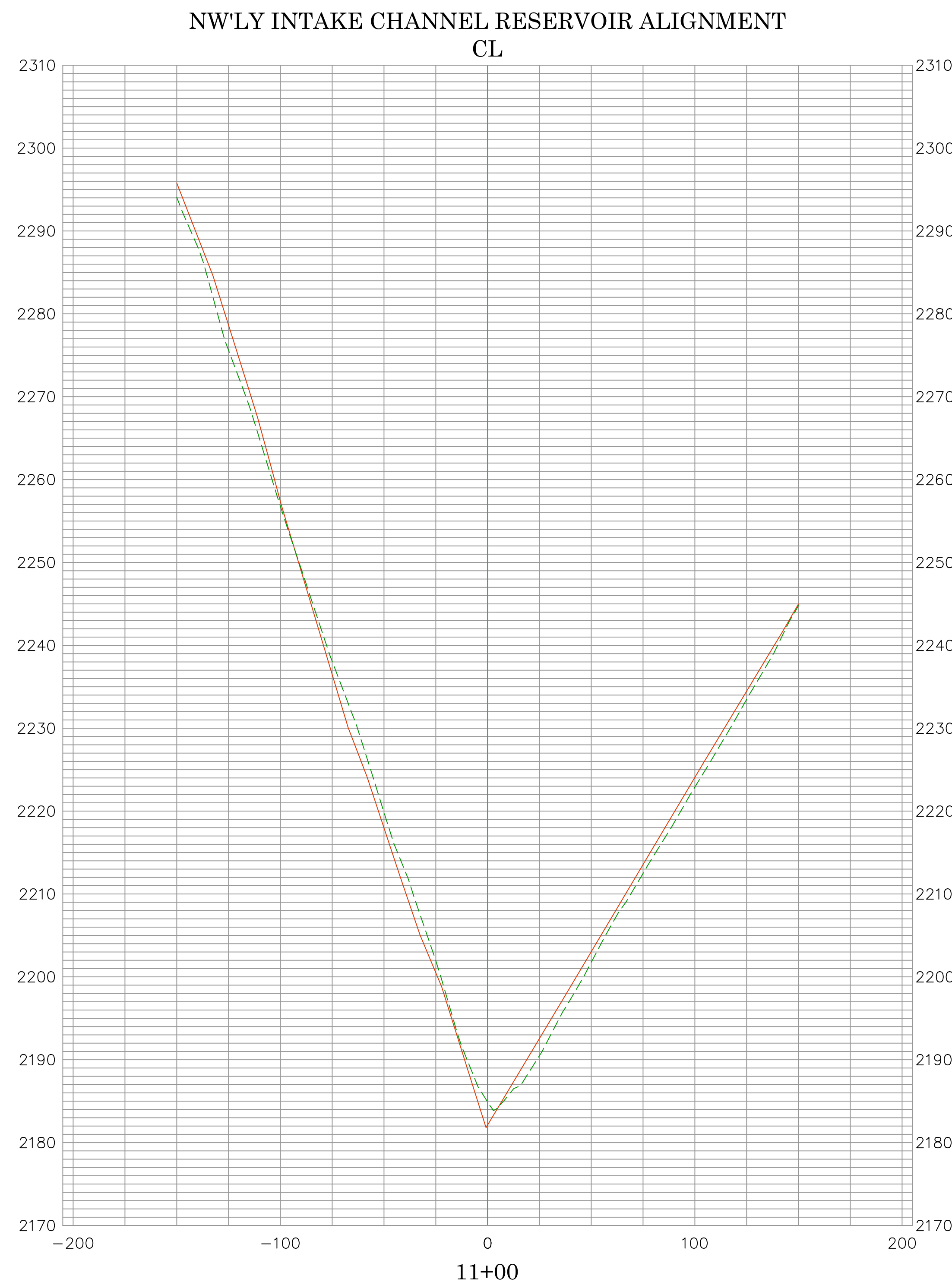
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

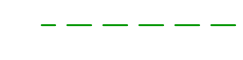


			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SEVEN OAKS DAM 2024 SEDIMENT STUDY				
			SECTIONS				
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM				
			DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 8 of 43
			MAPPING		BY: J. PEDRETTI		
			OFFICE CHECK		BY: D. BUSH, PLS		
			FIELD CHECK		BY: N/A		
			SCALE: 1"=100'		W.O. #EF40059		
			FILE: SEVEN_OAKS_SECTIONS_2024.DWG		FILE # 2324PW-FP0003		
MARK	DATE	ITEM		REVISIONS			



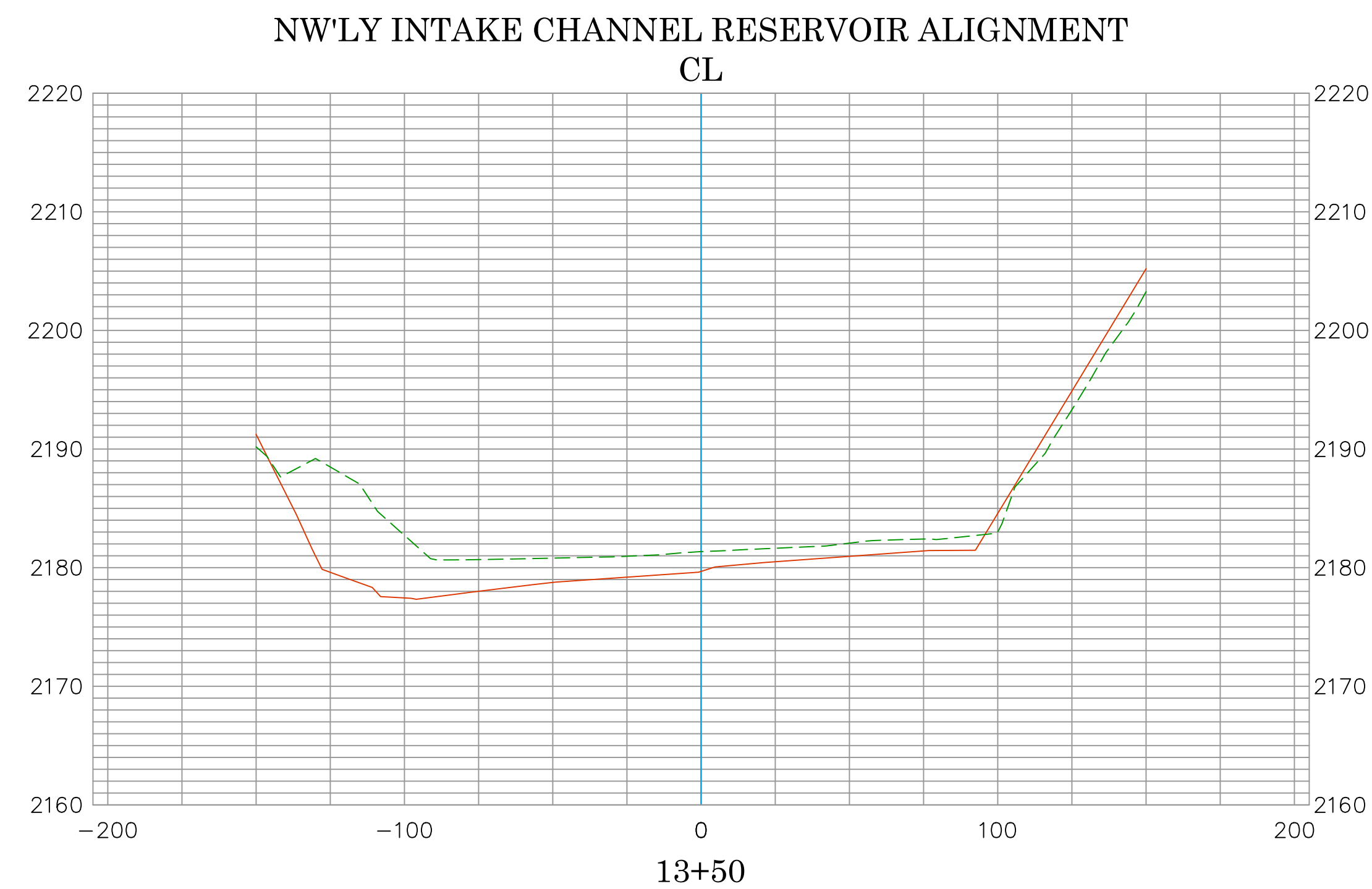
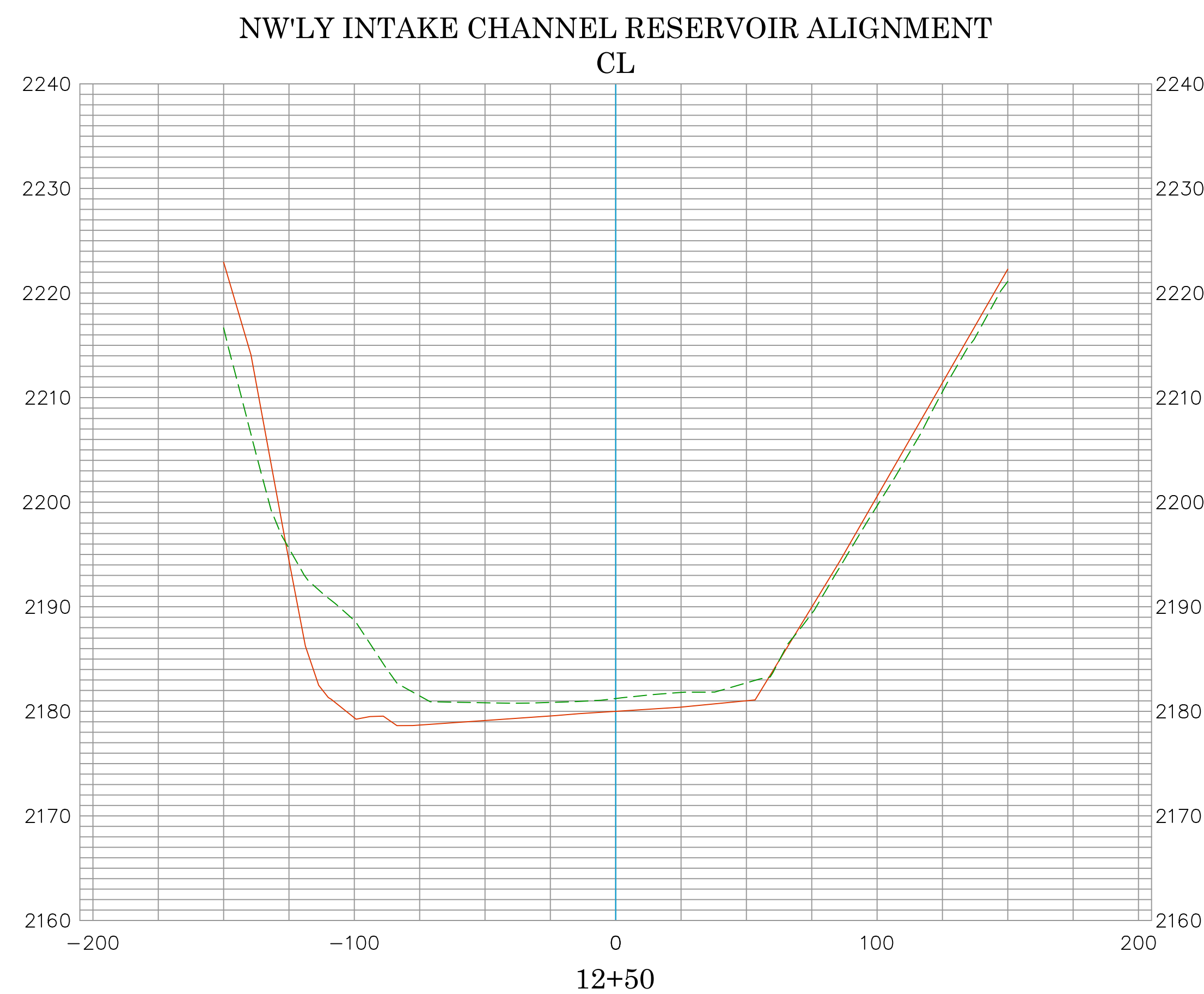
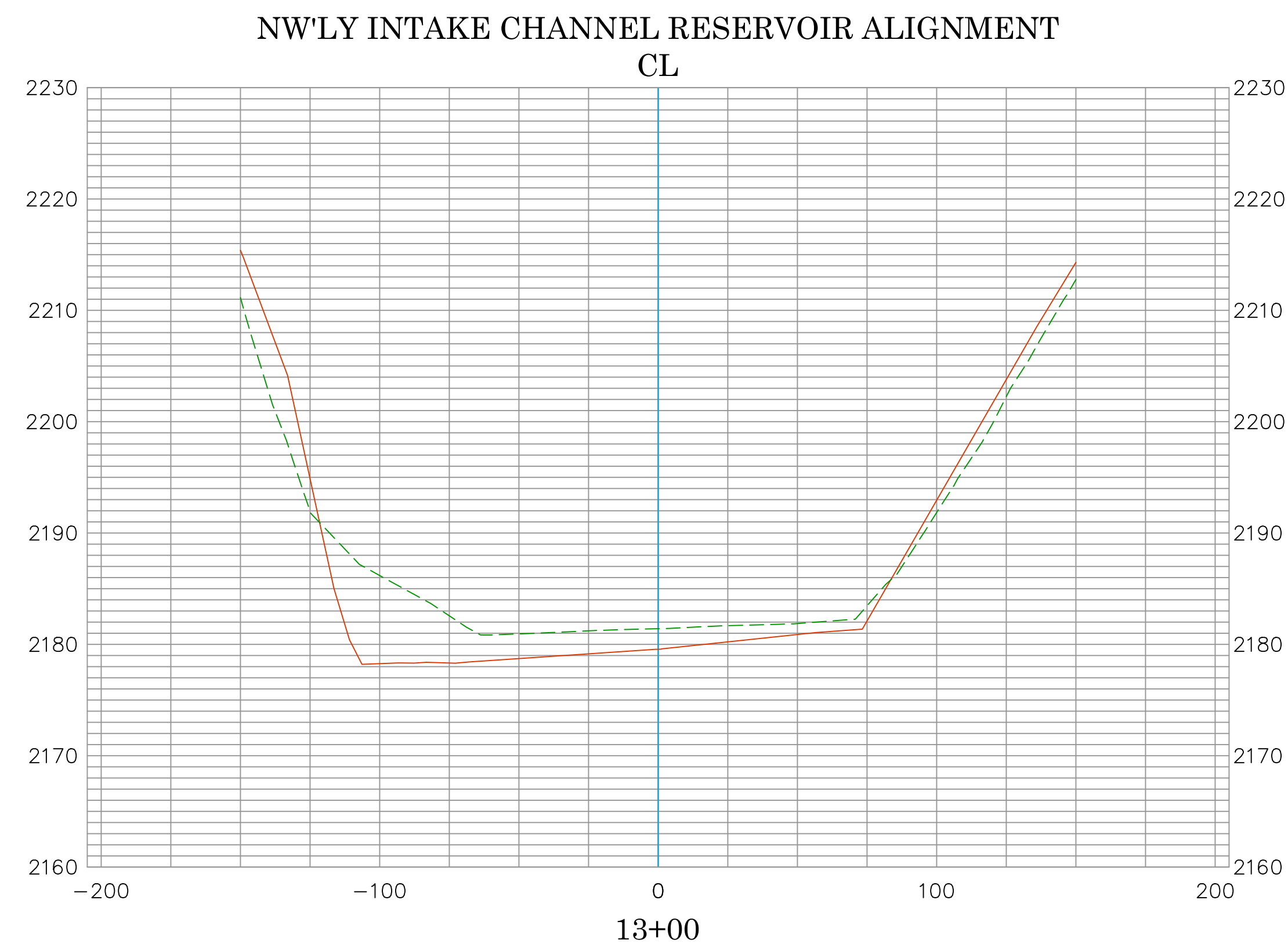
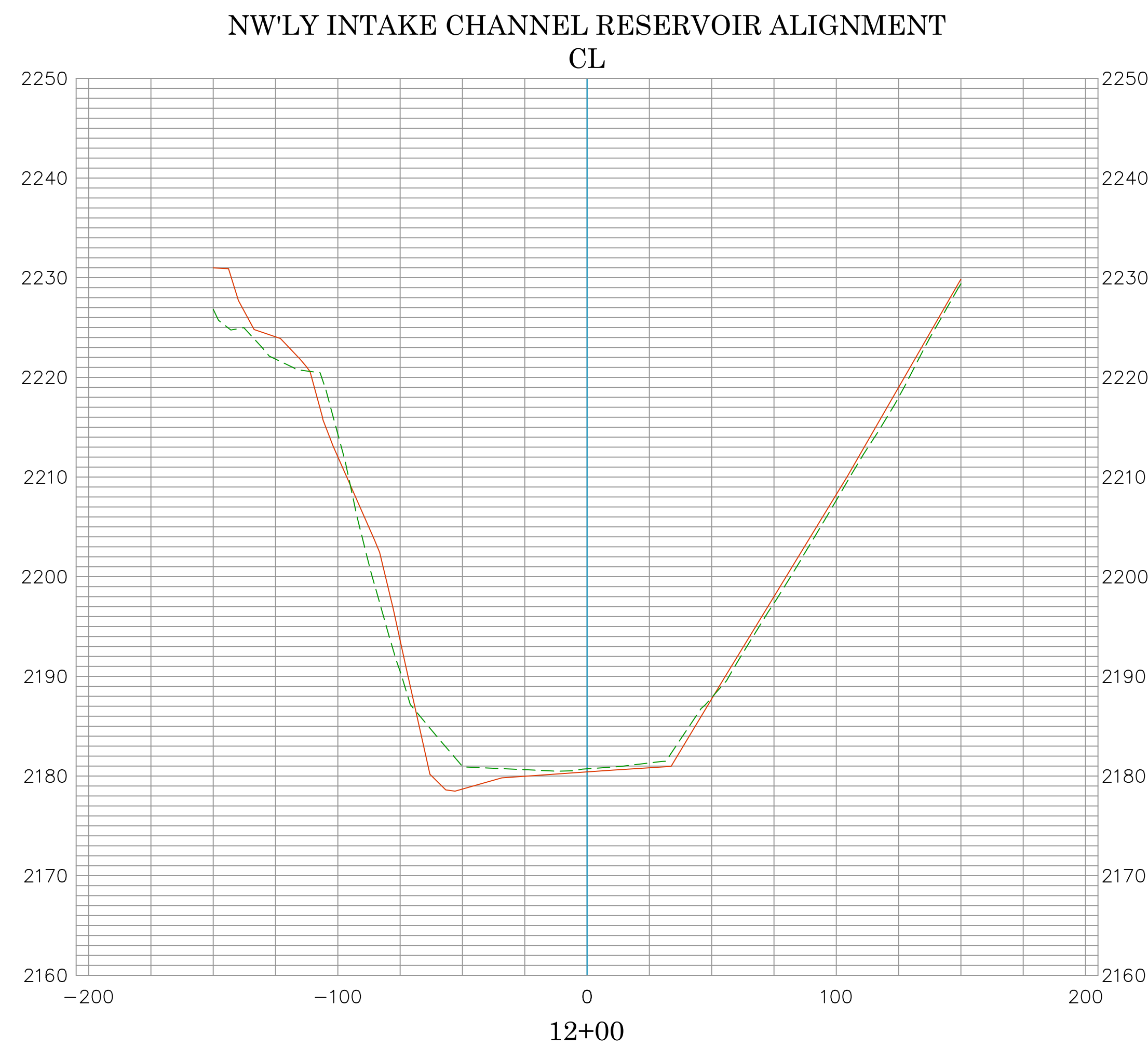
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

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SEVEN OAKS DAM 2024 SEDIMENT STUDY							
SECTIONS							
PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM							
DATE OF SURVEY: JULY 2024				BY: K. MARTINEZ & PARTY		SHEET NO. 9 of 43	
MAPPING				BY: J. PEDRETTI			
OFFICE CHECK				BY: D. BUSH, PLS			
FIELD CHECK				BY: N/A			
MARK	DATE	ITEM		SCALE: 1"=100'		W.O. #EF40059	FILE # 2324PW-FP0003
REVISIONS				FILE: SEVEN_OAKS_SECTIONS_2024.DWG			



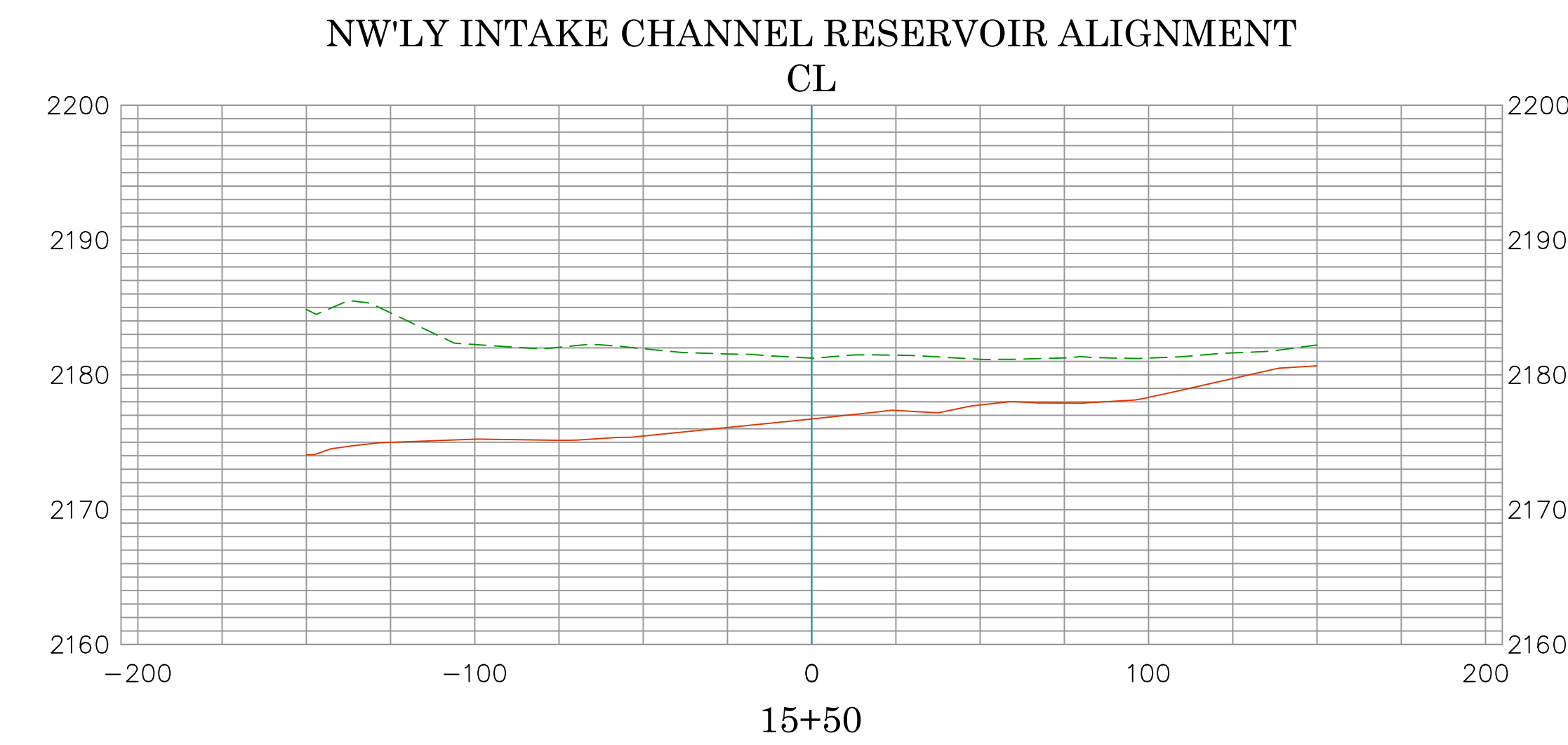
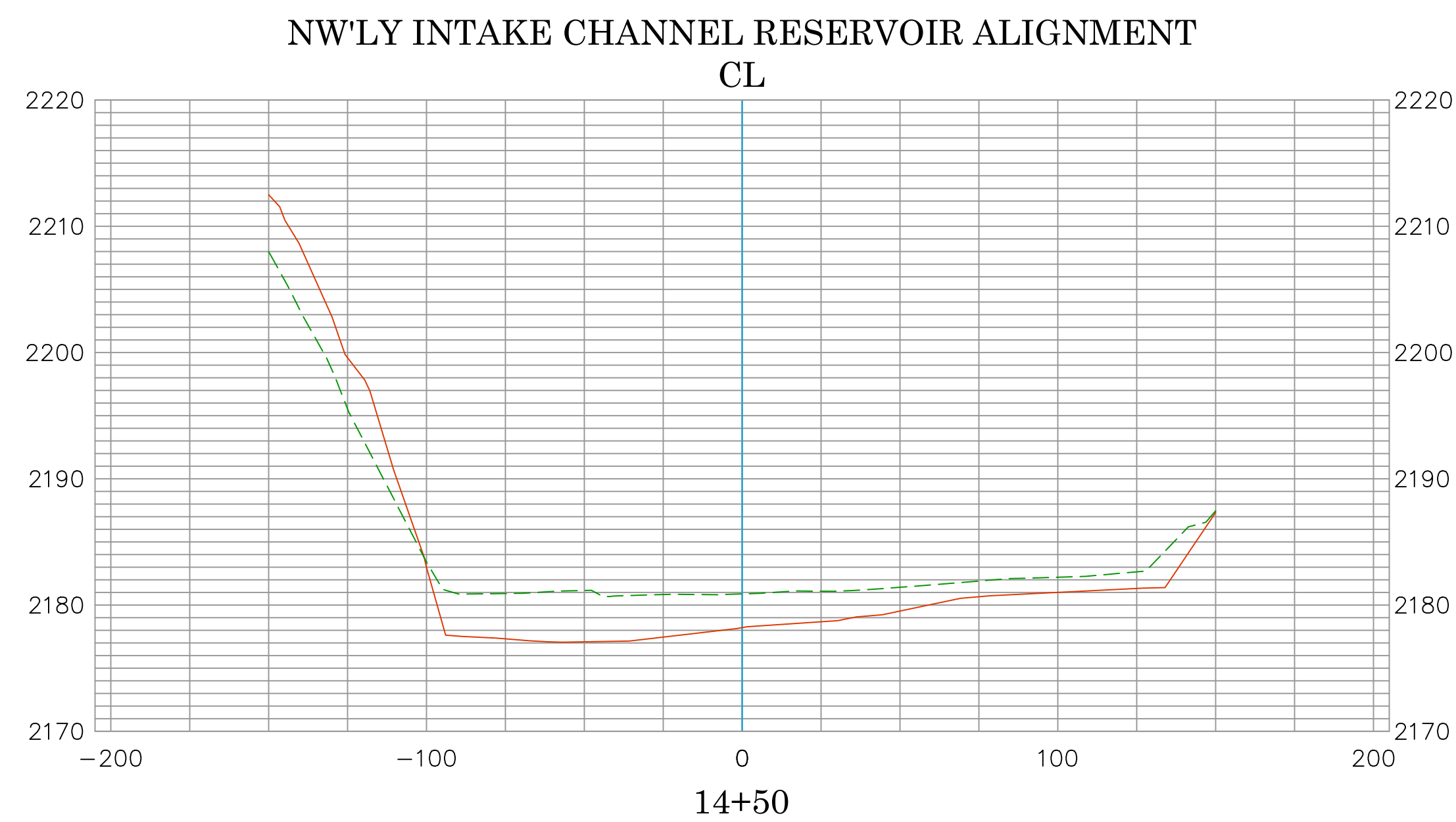
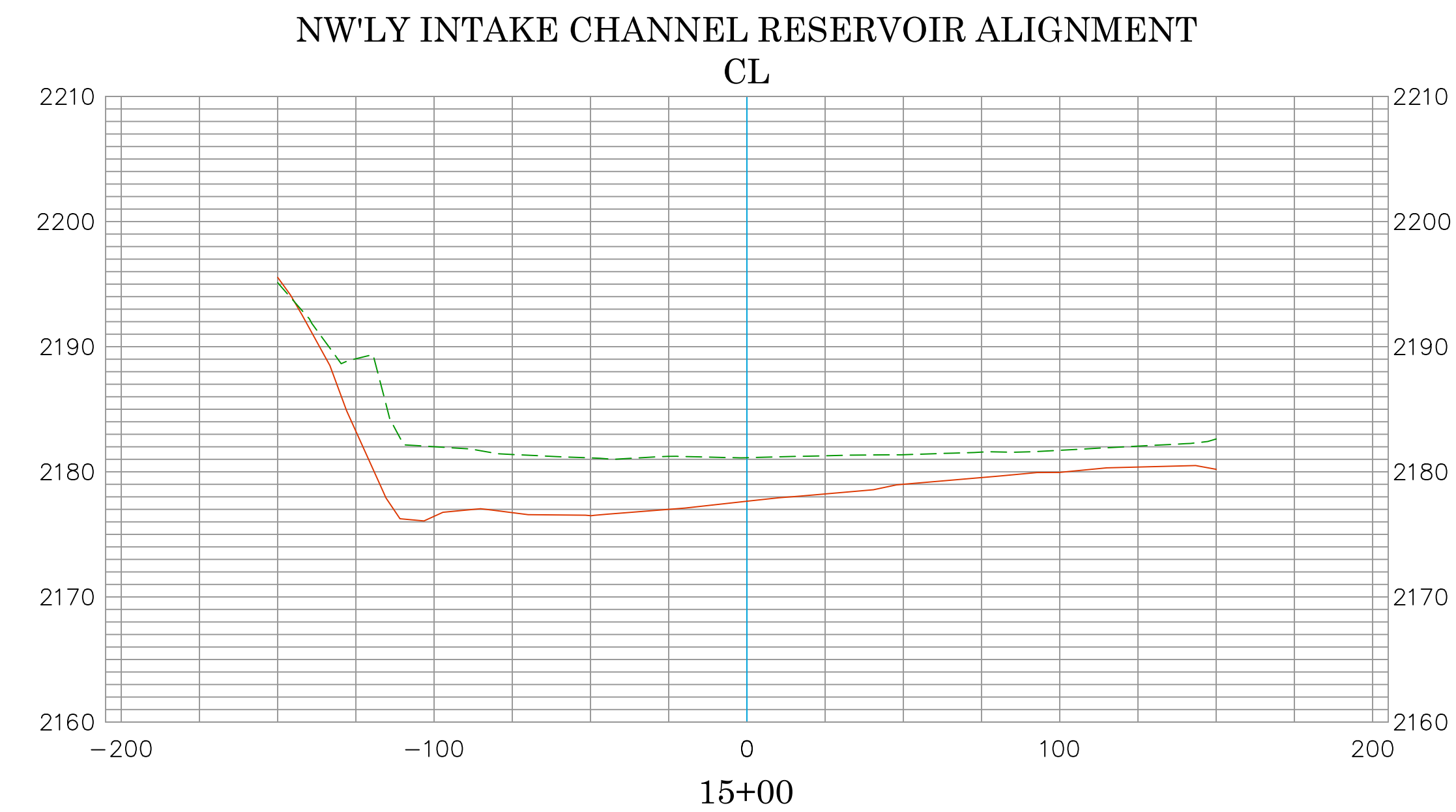
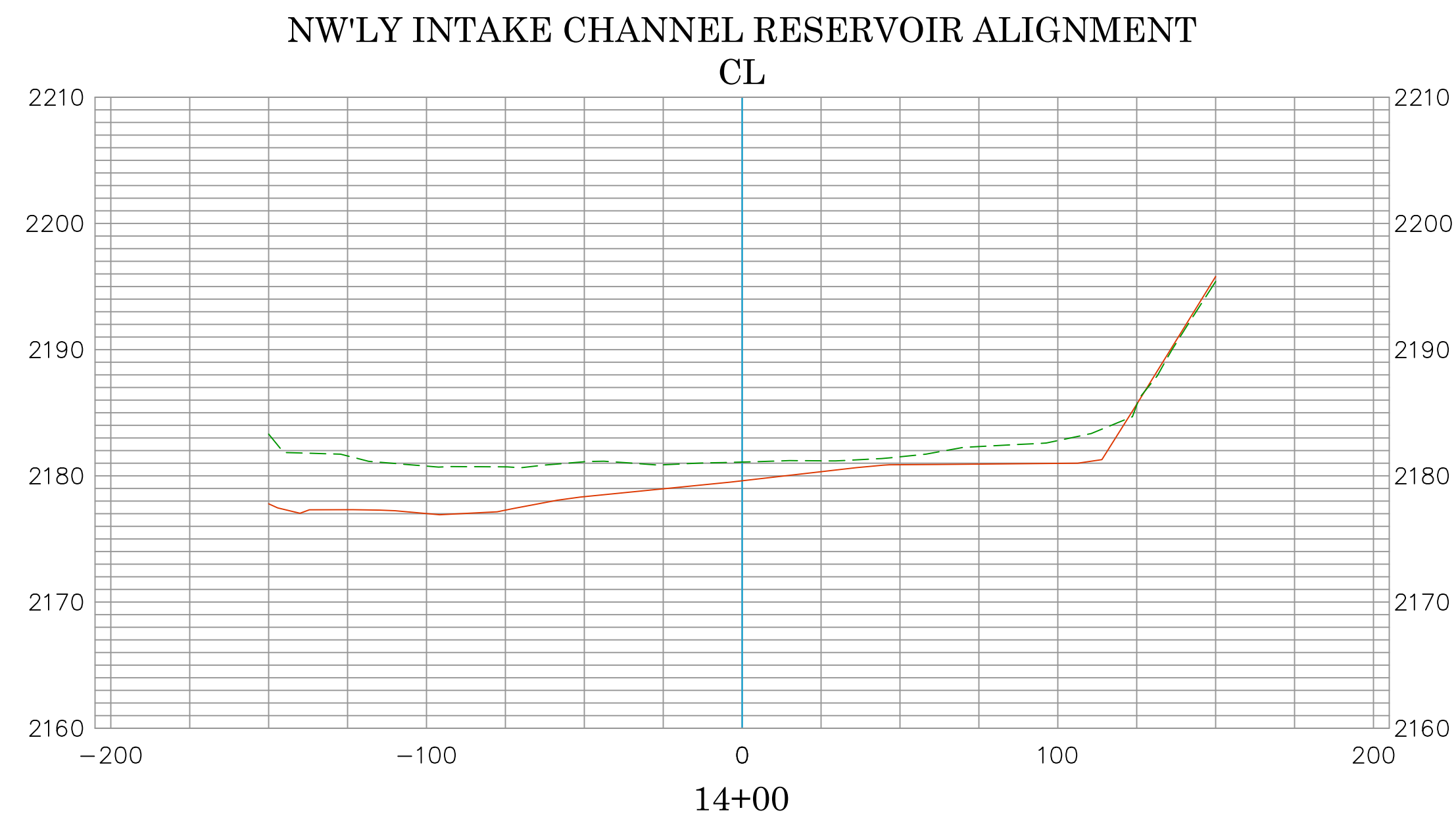
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SEVEN OAKS DAM 2024 SEDIMENT STUDY		
			SECTIONS PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM		
			DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY	SHEET NO. 10 of 43
MARK		DATE	ITEM	BY: J. PEDRETTI	
				BY: D. BUSH, PLS	
				BY: N/A	
			FIELD CHECK	FILE #2324PW-FP0003	
			REVISIONS	FILE: SEVEN_OAKS_SECTIONS_2024.DWG	
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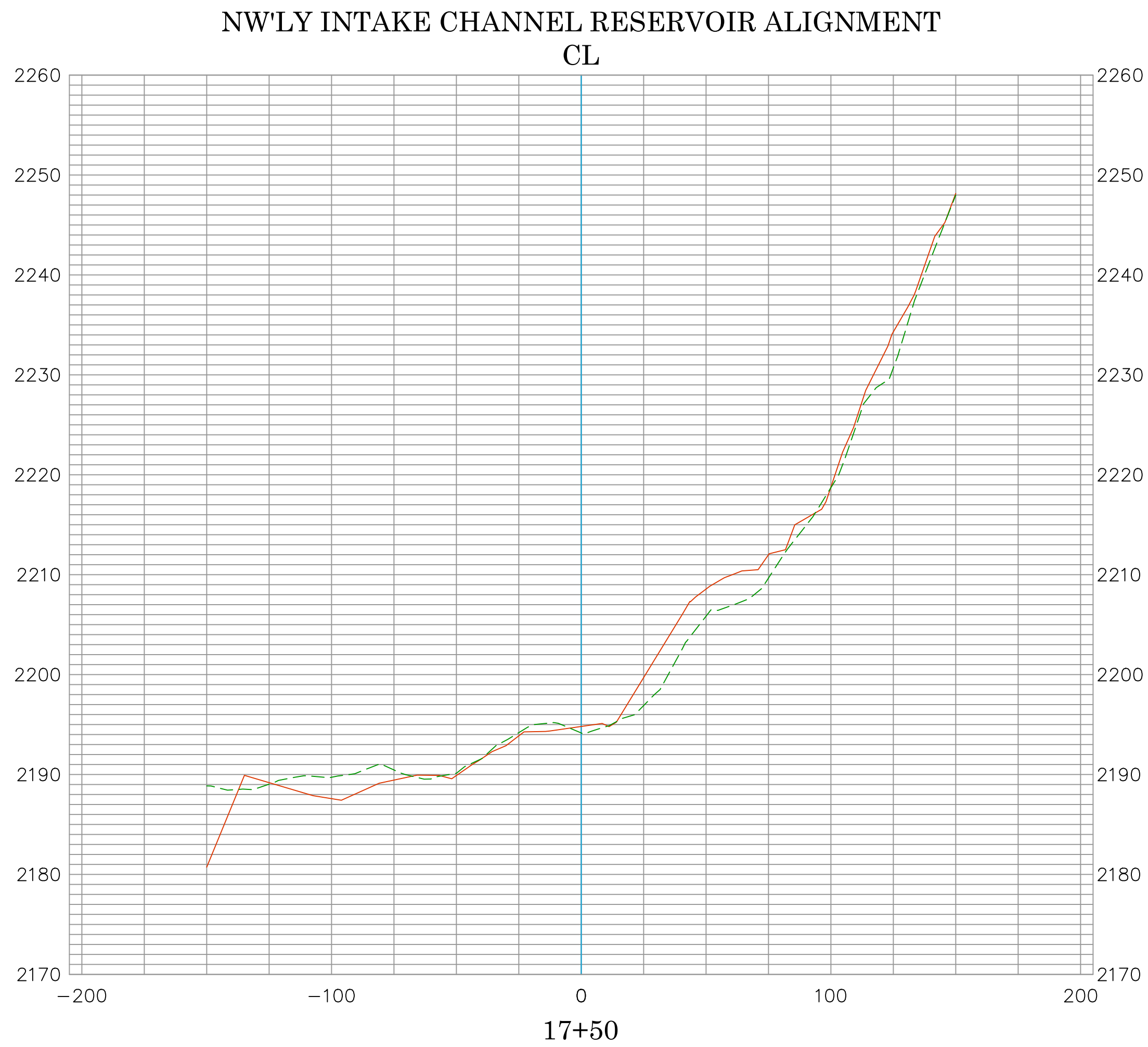
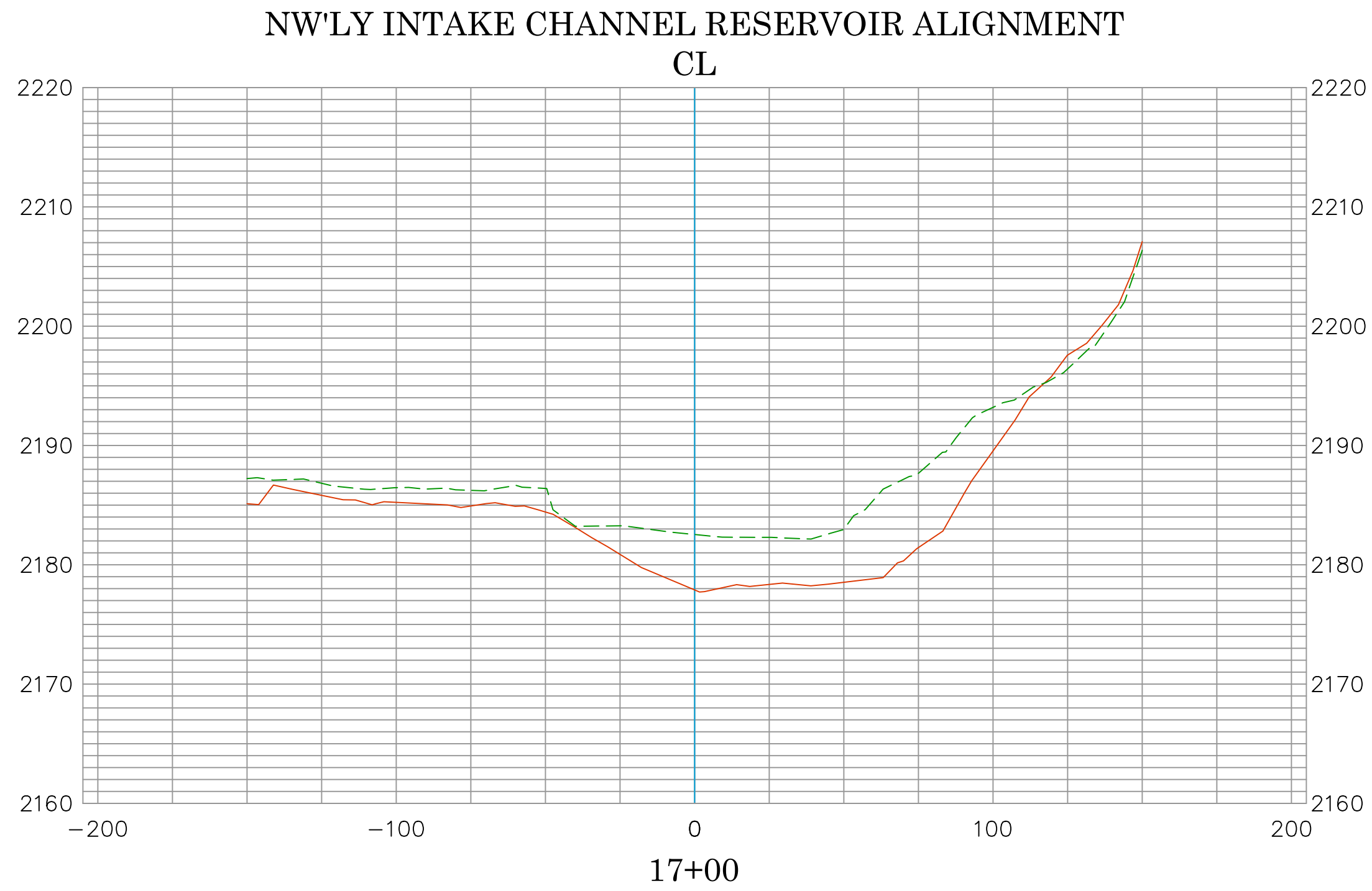
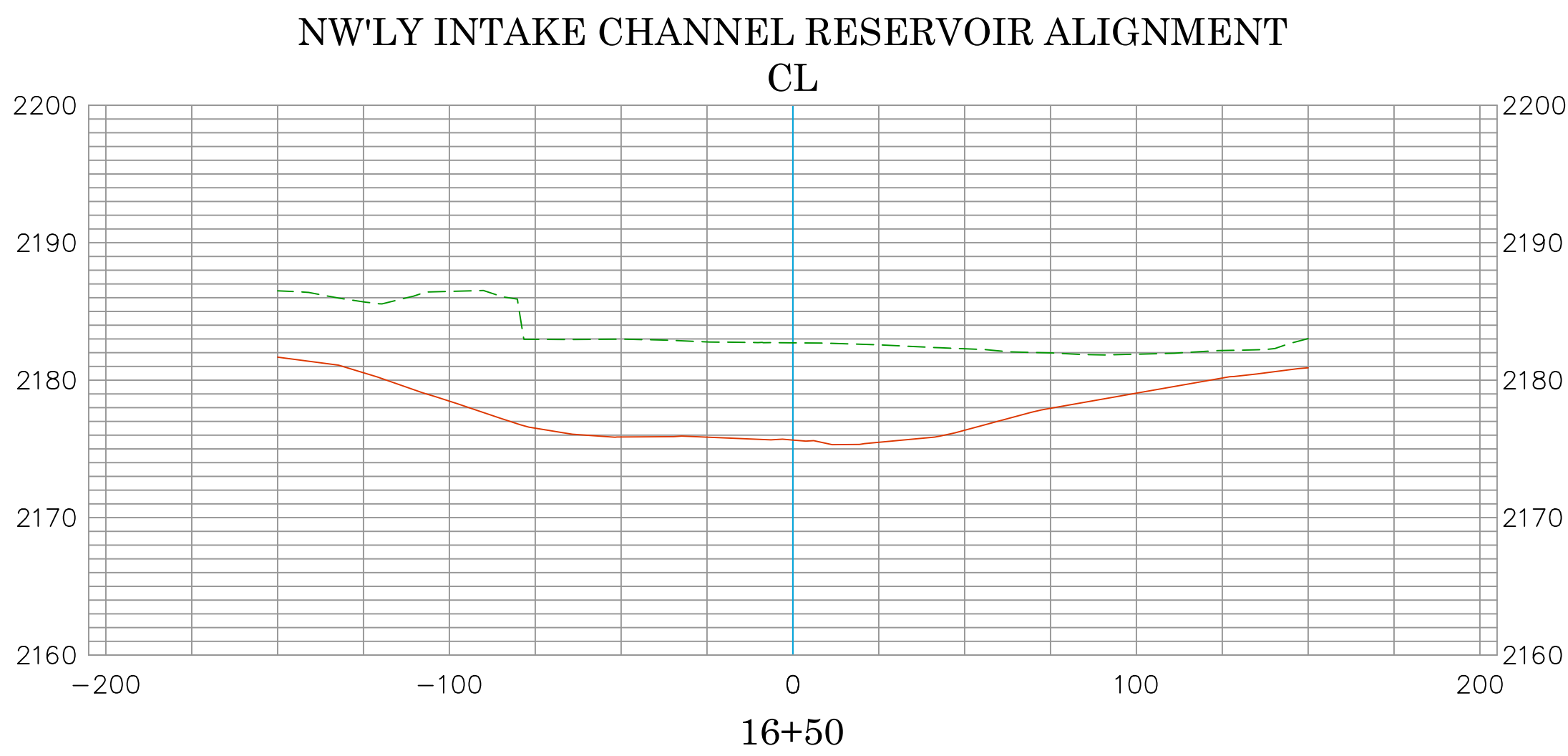
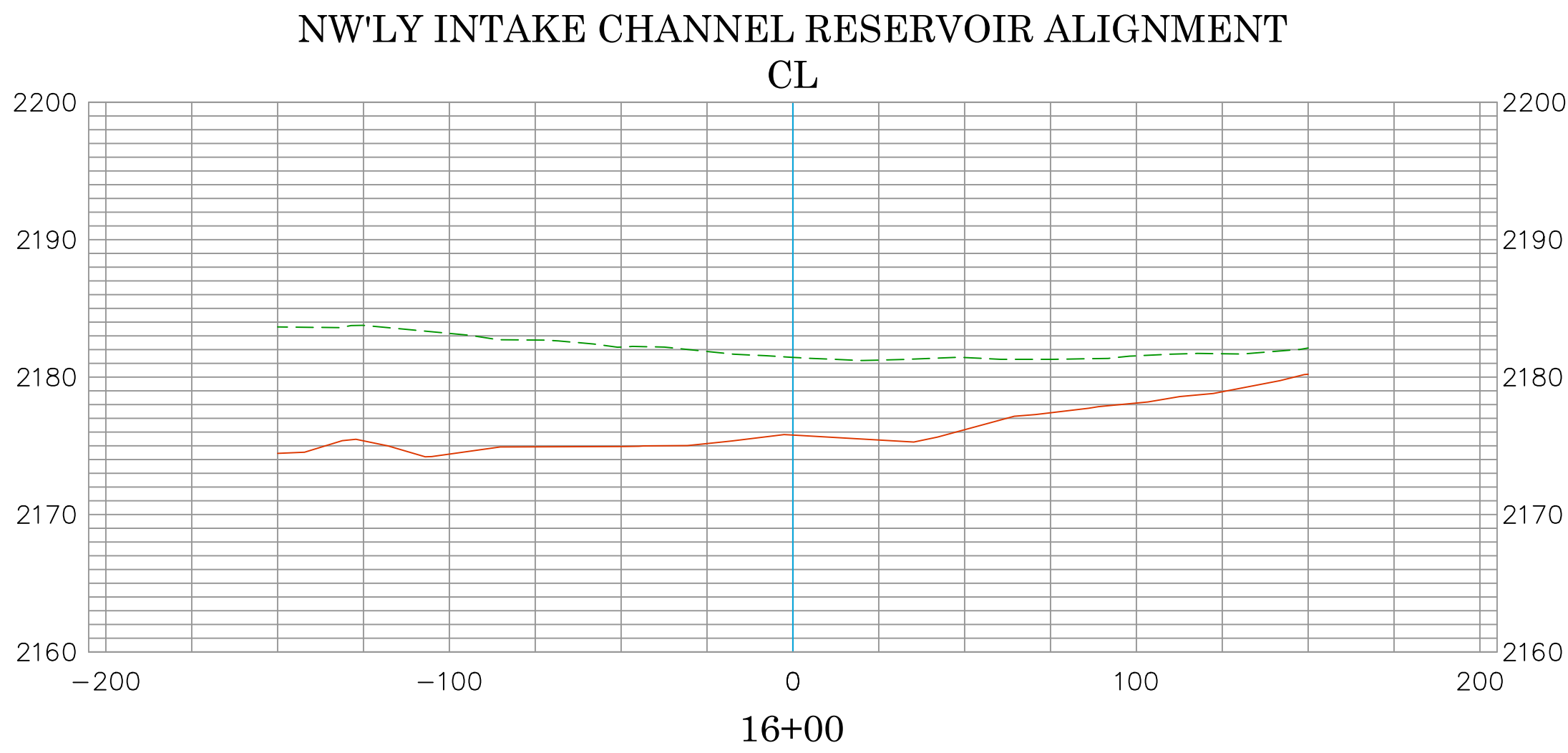
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
SEVEN OAKS DAM 2024 SEDIMENT STUDY				
SECTIONS				
PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM				
DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 11 of 43
MAPPING		BY: J. PEDRETTI		
OFFICE CHECK		BY: D. BUSH, PLS		
FIELD CHECK		BY: N/A		
MARK	DATE	ITEM		
REVISIONS				
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FILE: SEVEN OAKS_SECTIONS_2024.DWG				

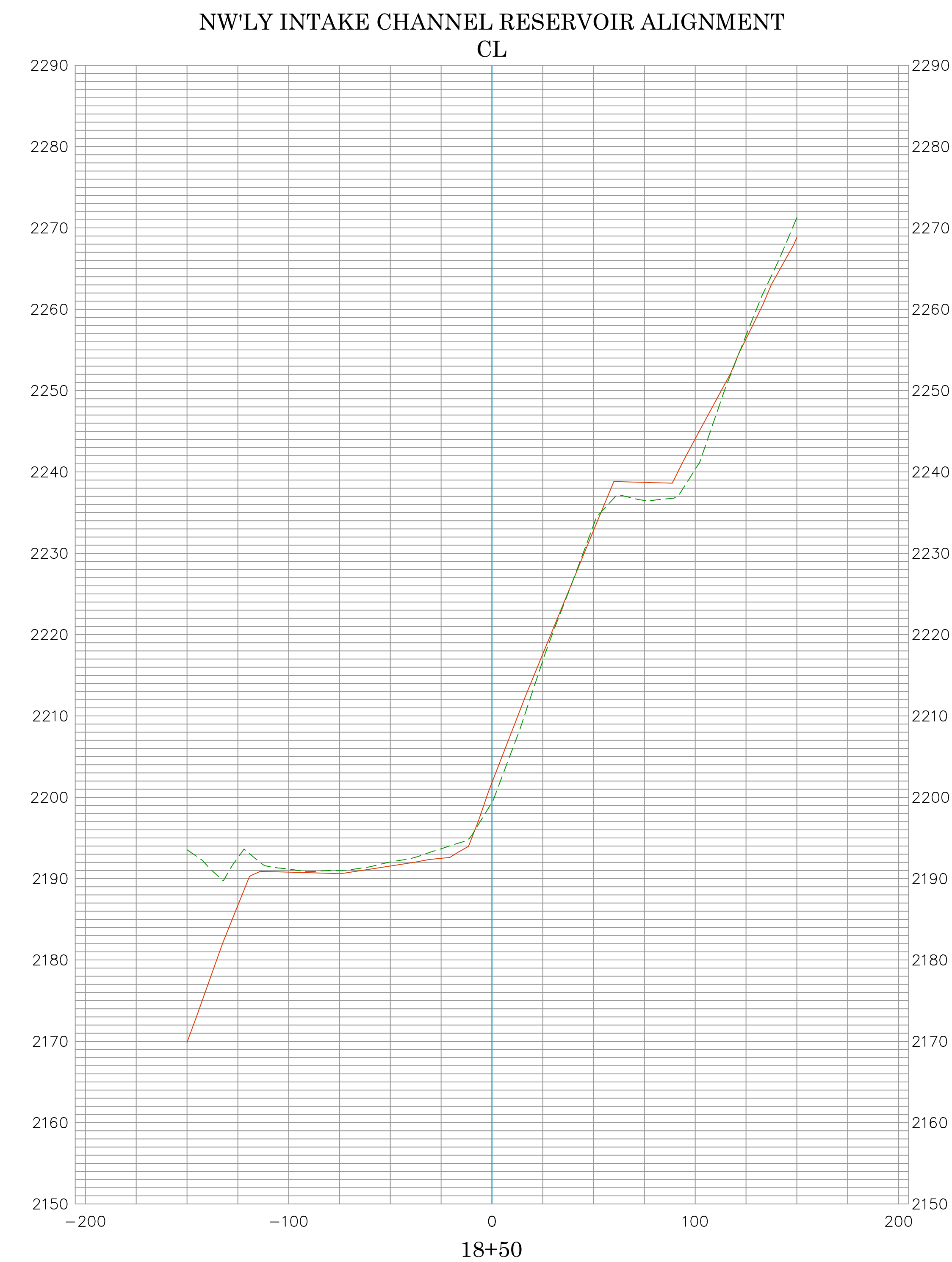
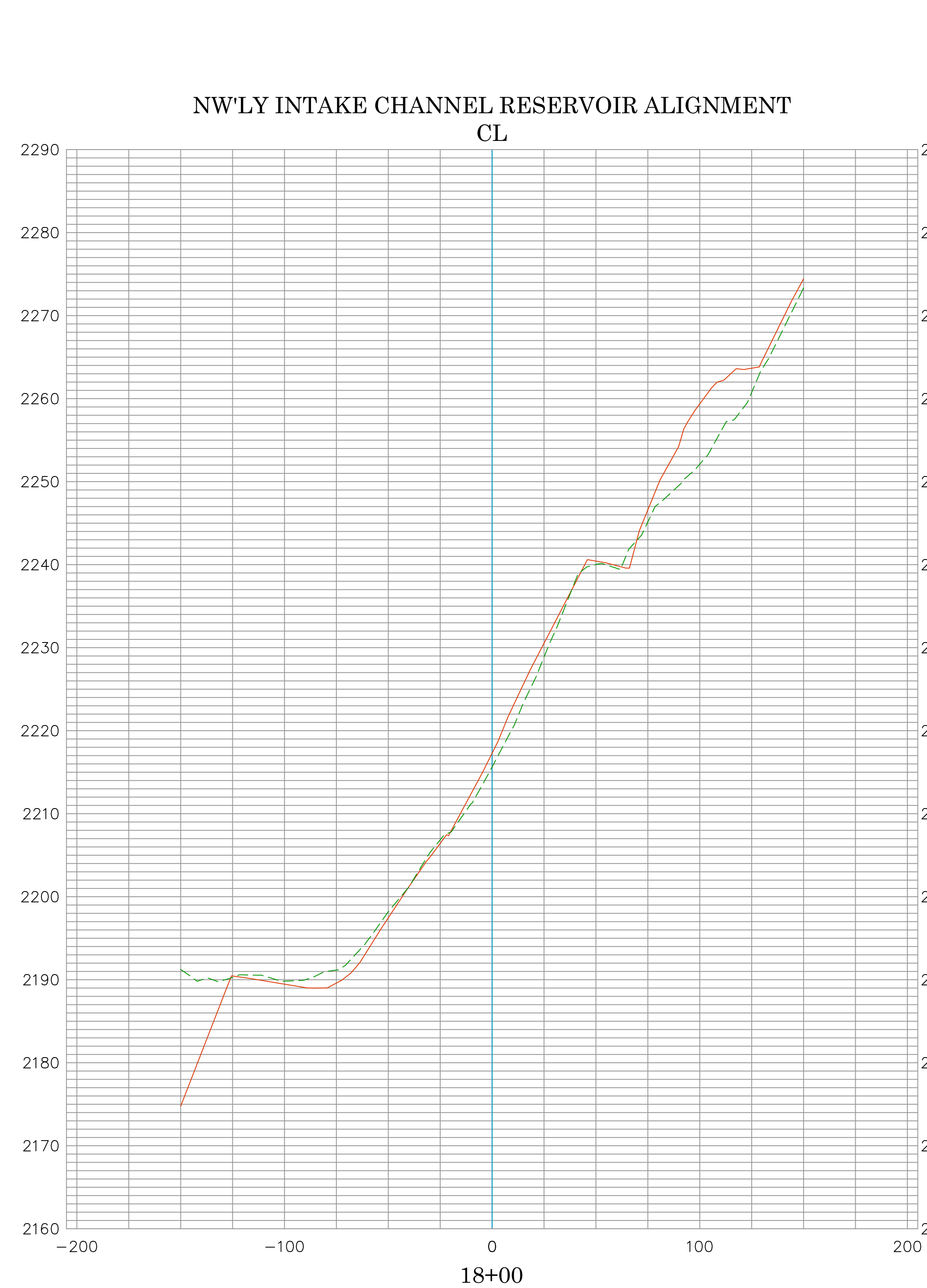


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED: 08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
		SEVEN OAKS DAM 2024 SEDIMENT STUDY				
		SECTIONS				
		PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM				
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 12 of 43
		MAPPING		BY: J. PEDRETTI		
		OFFICE CHECK		BY: D. BUSH, PLS		
		FIELD CHECK		BY: N/A		
		MARK	DATE	ITEM		
		REVISIONS		SCALE: 1"=100'		W.O. # EF40059
		FILE: SEVEN_OAKS_SECTIONS_2024.DWG				

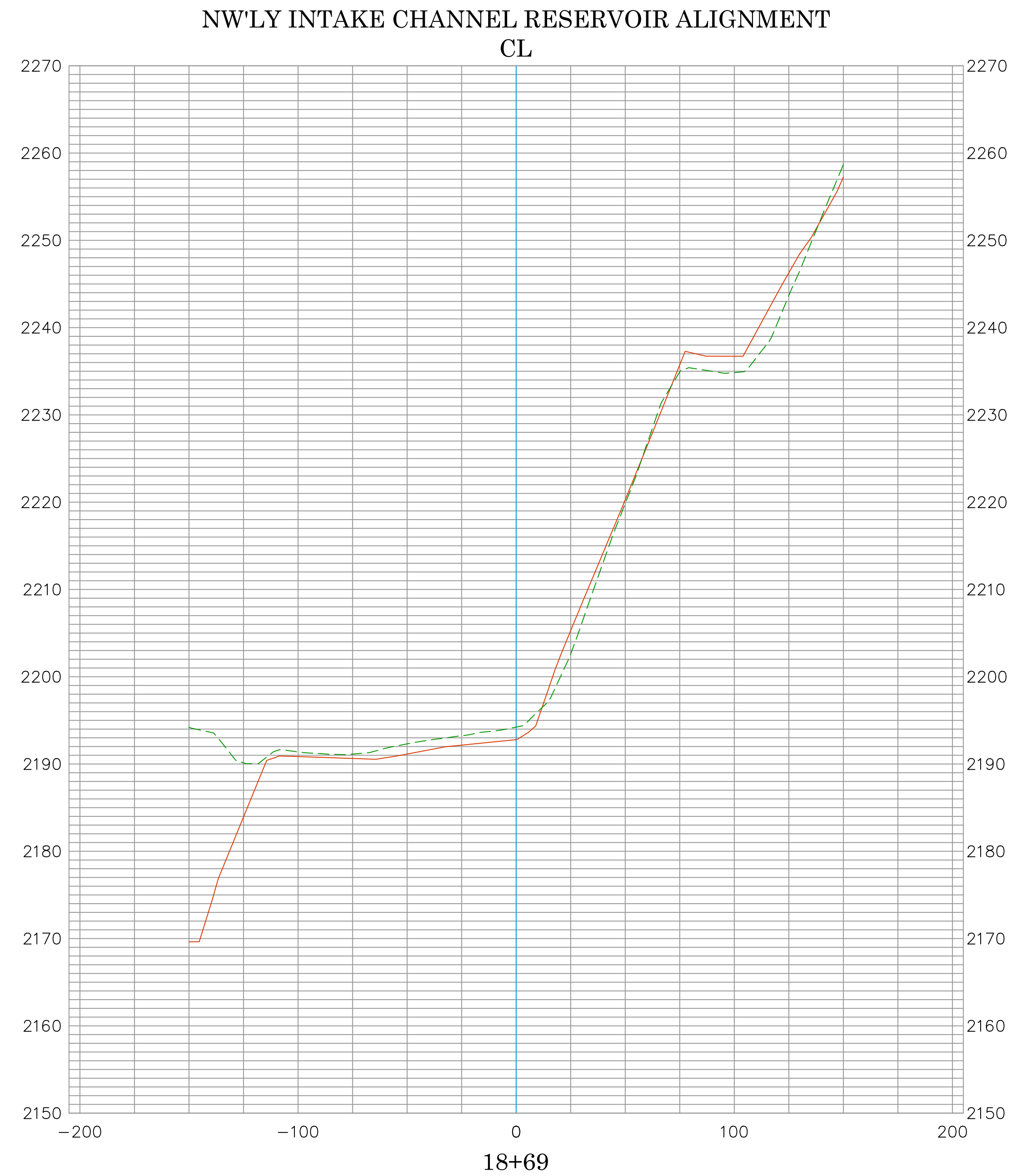


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024

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Hor. Scale: 1"=40'

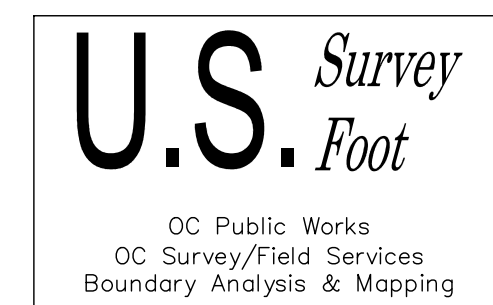


		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
MARK	DATE	ITEM	MAPPING		SHEET NO. 13 of 43
			OFFICE CHECK		
			FIELD CHECK		
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			FILE: SEVEN_OAKS_SECTIONS_2024.DWG		
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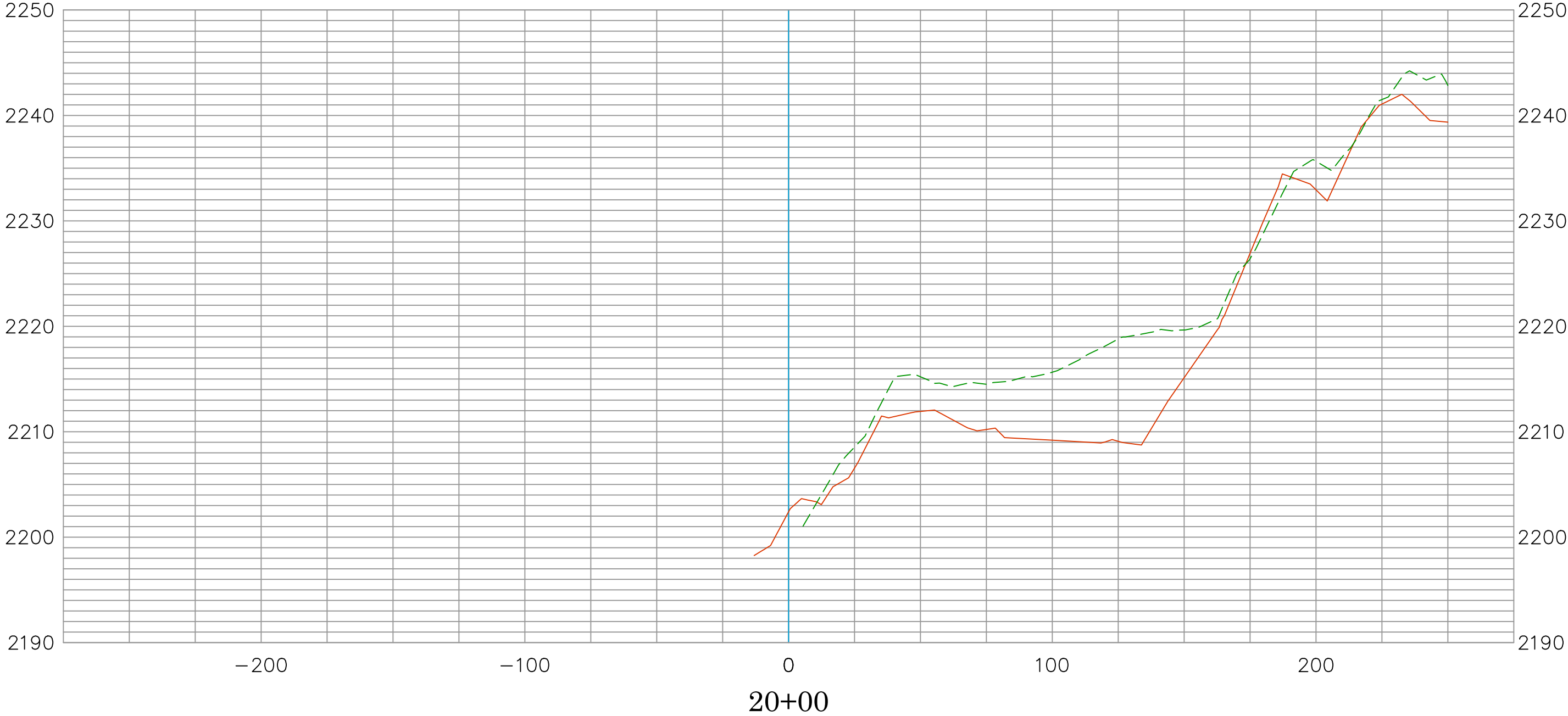
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024

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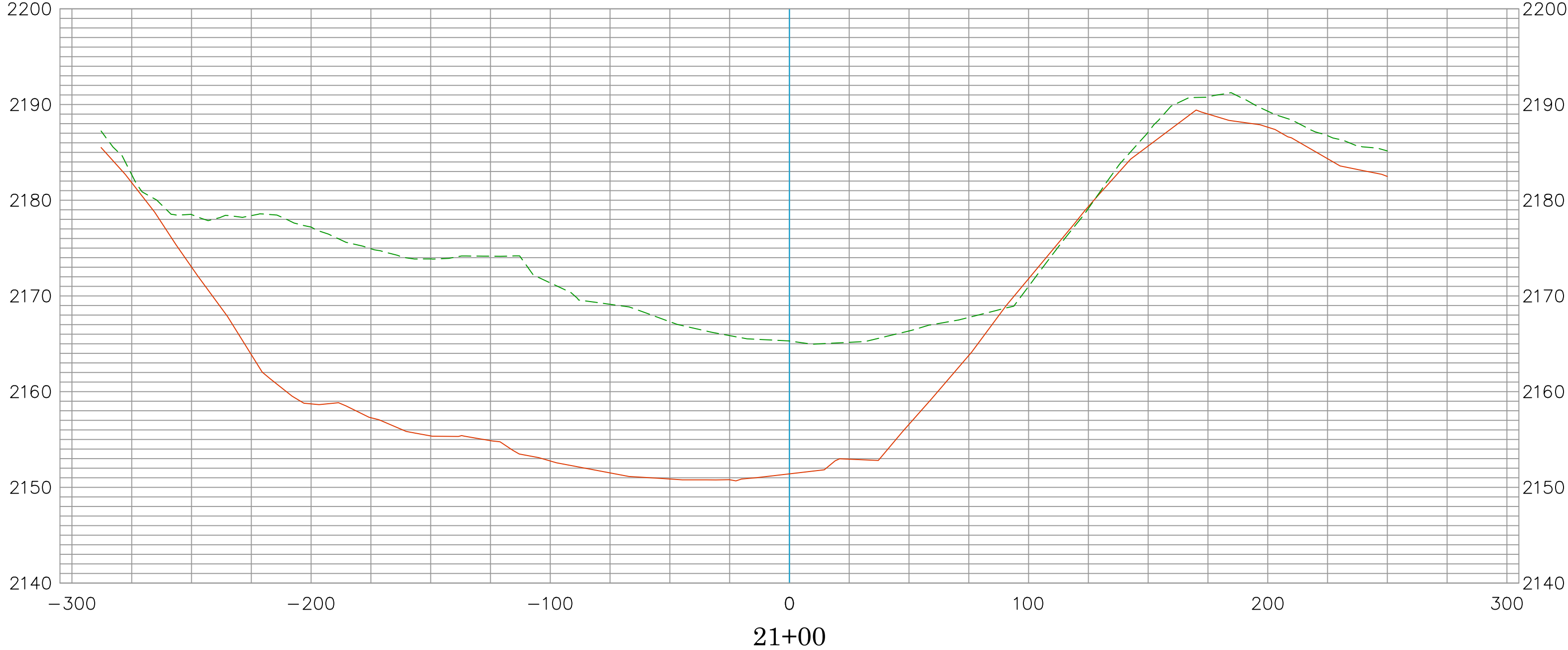


			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SEVEN OAKS DAM 2024 SEDIMENT STUDY		
			SECTIONS		
			PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM		
			DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY	SHEET NO. 14 of 43
			MAPPING	BY: J. PEDRETTI	
			OFFICE CHECK	BY: D. BUSH, PLS	
			FIELD CHECK	BY: N/A	
MARK	DATE	ITEM	SCALE: 1"=100'	W.O. #EF40059	FILE #2324PW-FP0003
REVISIONS			FILE: SEVEN_OAKS_SECTIONS_2024.DWG		

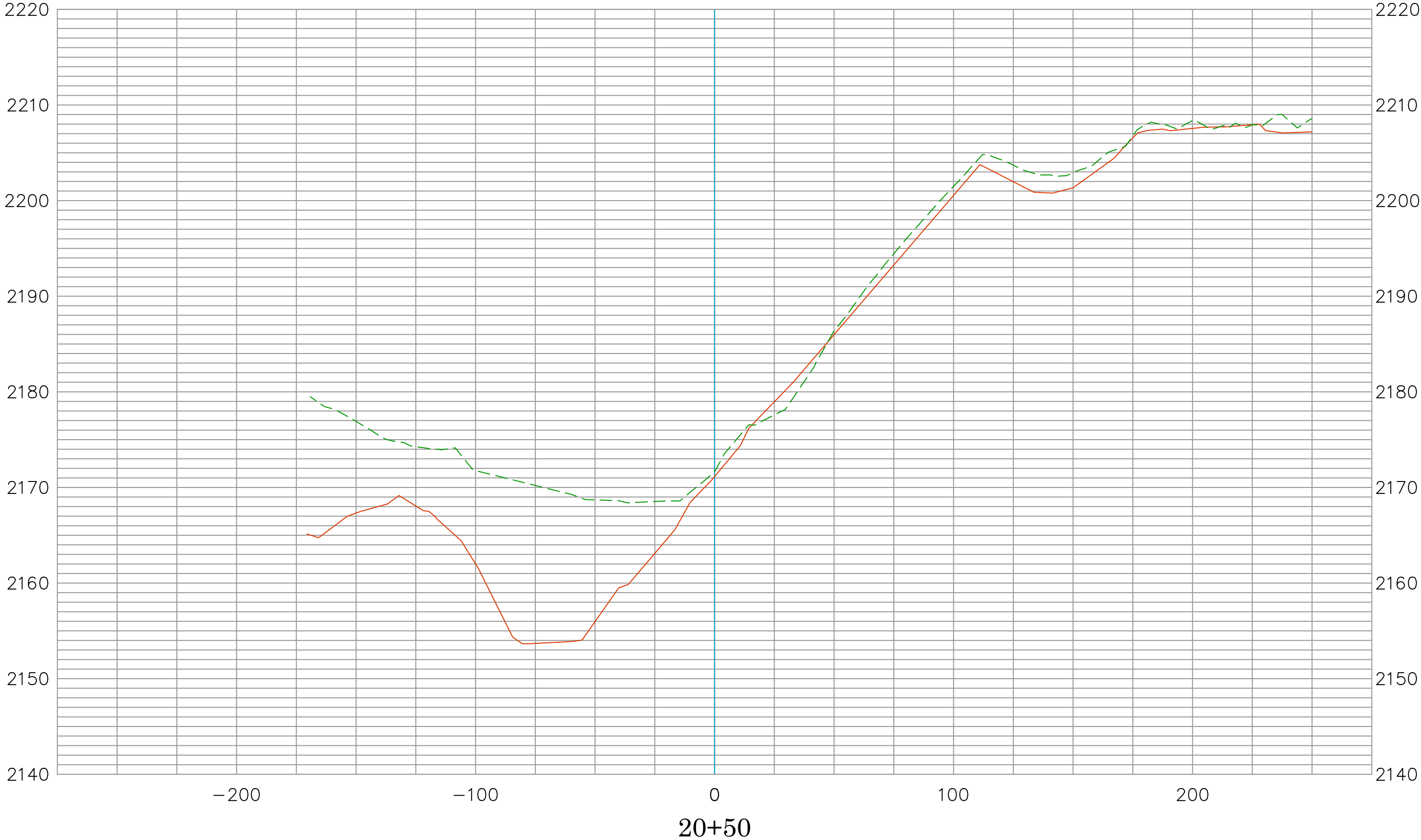
MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT
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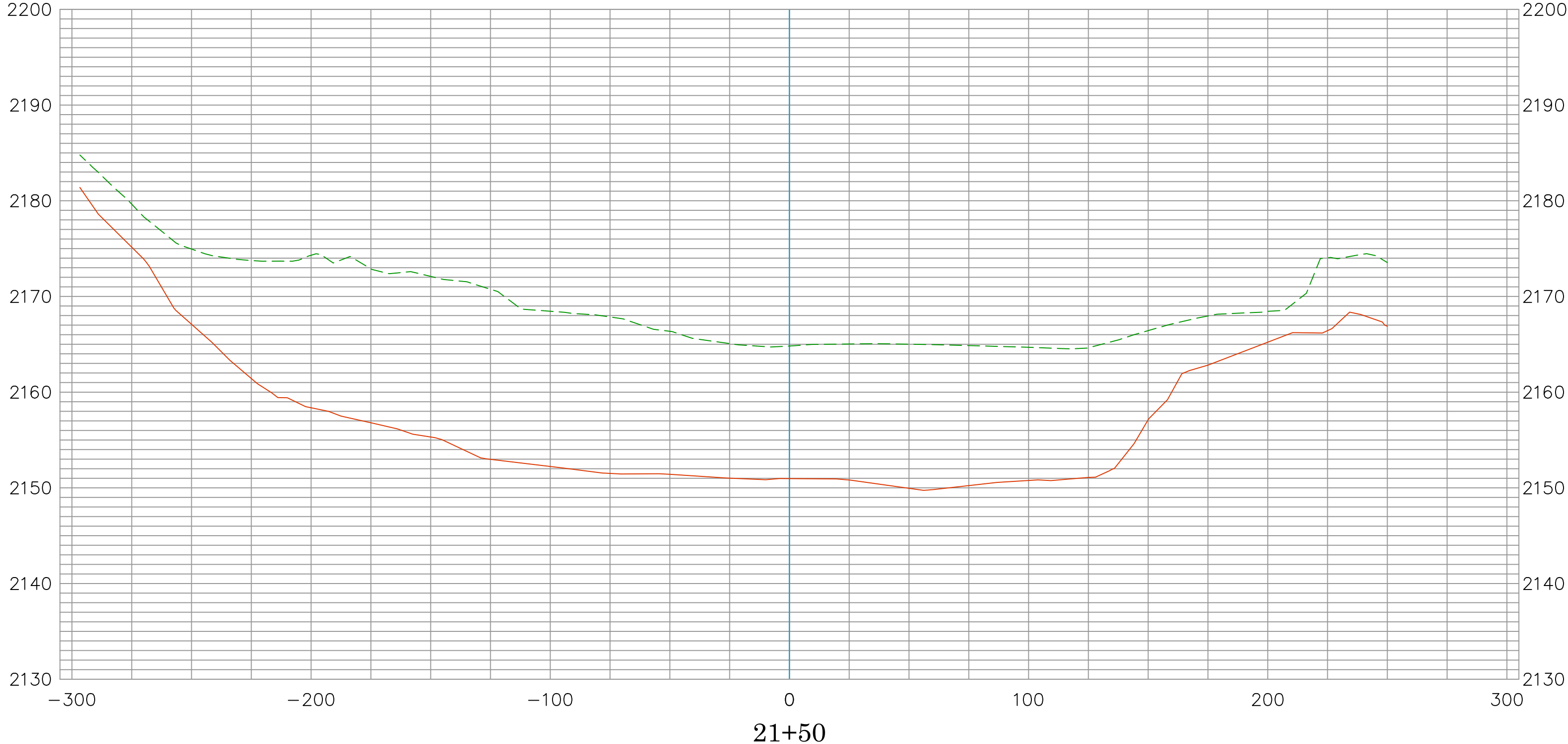
MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT
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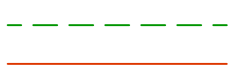
MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT
CL



MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT
CL

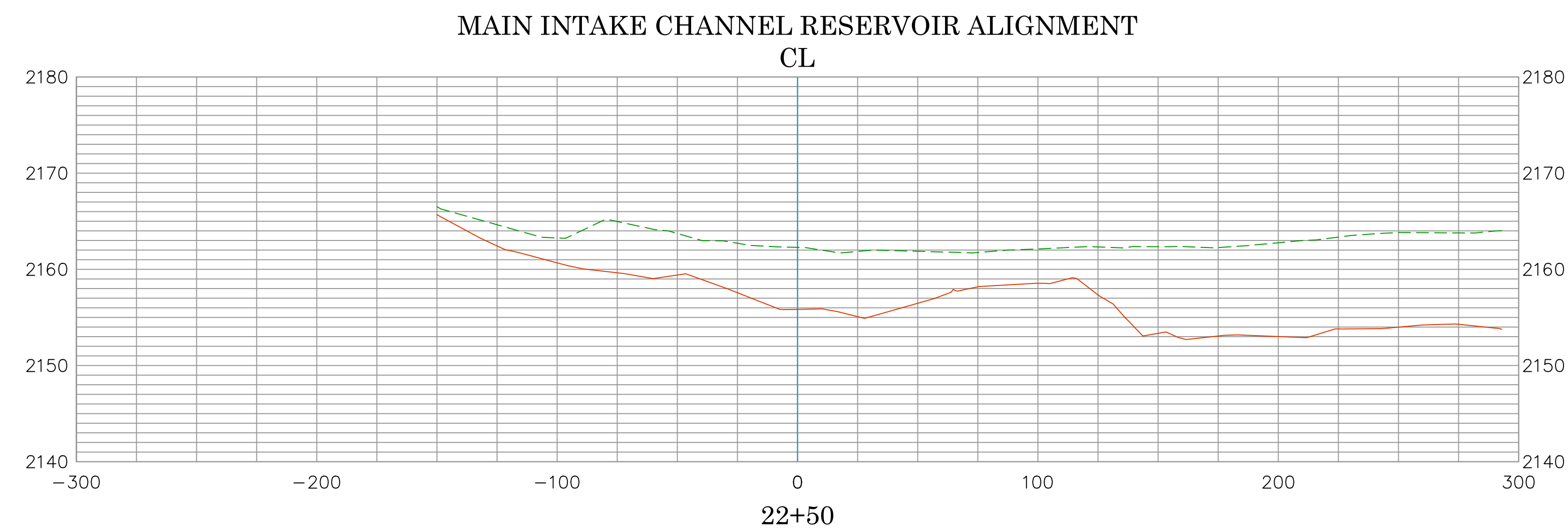
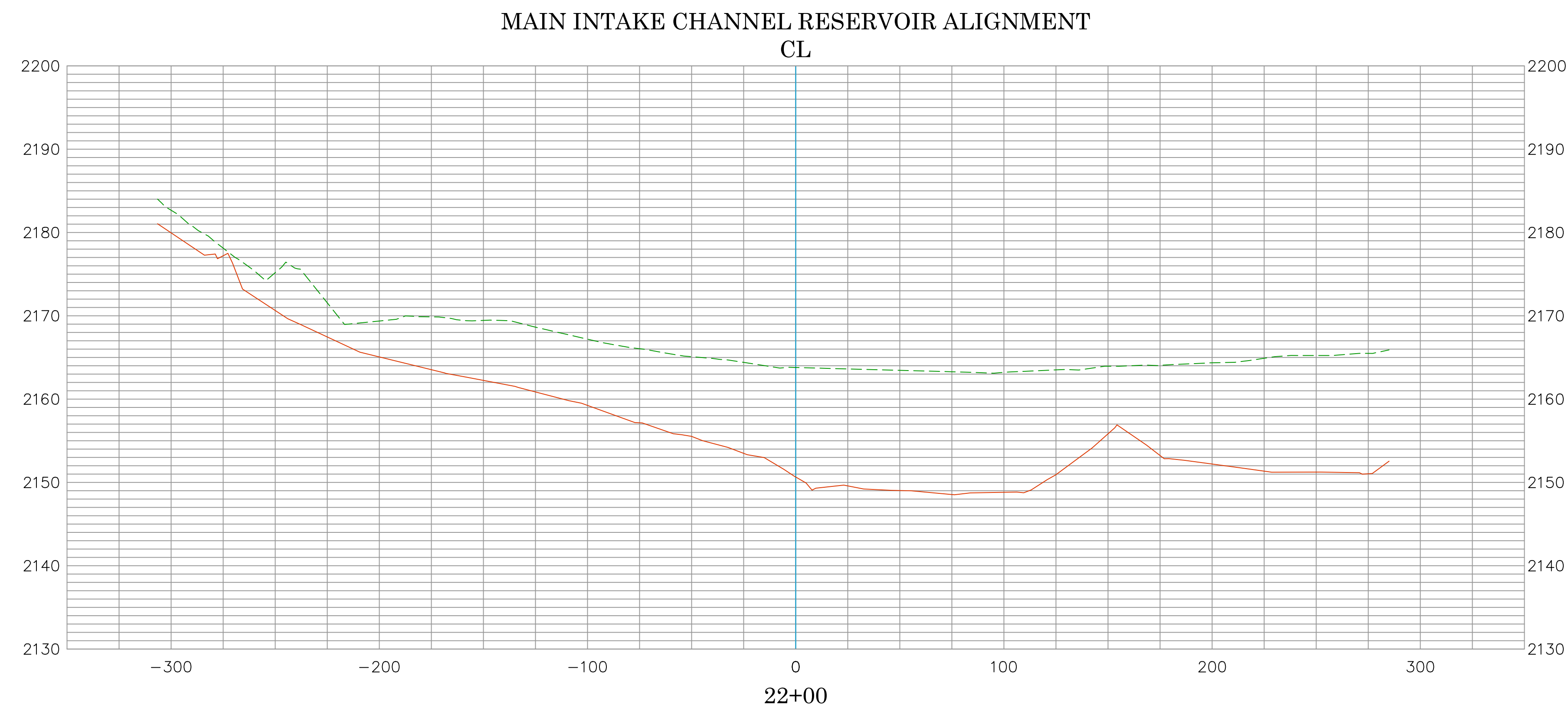


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SEVEN OAKS DAM 2024 SEDIMENT STUDY			
			SECTIONS			
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
			DATE OF SURVEY: JULY 2024		SHEET NO. 15 of 43	
			MAPPING			
			OFFICE CHECK			
			FIELD CHECK			
			SCALE: 1"=100'		W.O. #EF40059	FILE # 2324PW-FP0003
			FILE: SEVEN_OAKS_SECTIONS_2024.DWG			
REVISIONS						

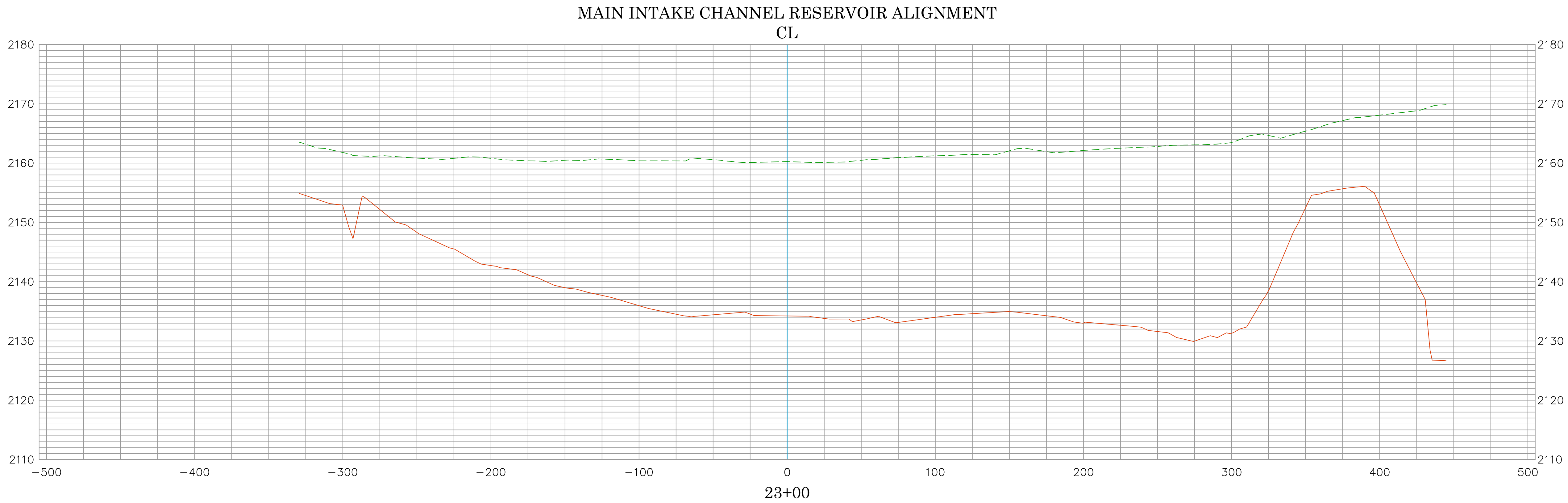


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

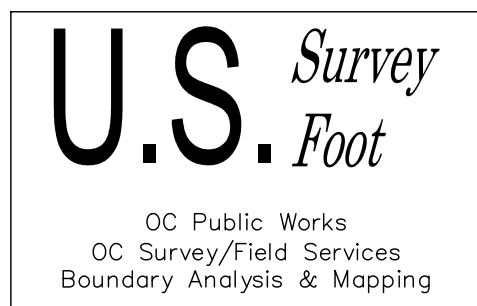
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			SEVEN OAKS DAM 2024 SEDIMENT STUDY		
			SECTIONS		
			PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM		
			DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY	SHEET NO. 16 of 43
			MAPPING	BY: J. PEDRETTI	
			OFFICE CHECK	BY: D. BUSH, PLS	
			FIELD CHECK	BY: N/A	
MARK	DATE	ITEM	SCALE: 1"=100'	W.O. #EF40059	FILE #2324PW-FP0003
REVISIONS			FILE: SEVEN_OAKS_SECTIONS_2024.DWG		



EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'



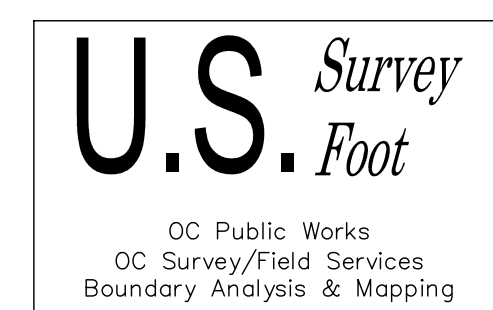
		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
		FILE: SEVEN OAKS_SECTIONS_2024.DWG		FILE # 2324PW-FP0003	
MARK	DATE	ITEM			
REVISIONS					

SHEET NO. 17 of 43

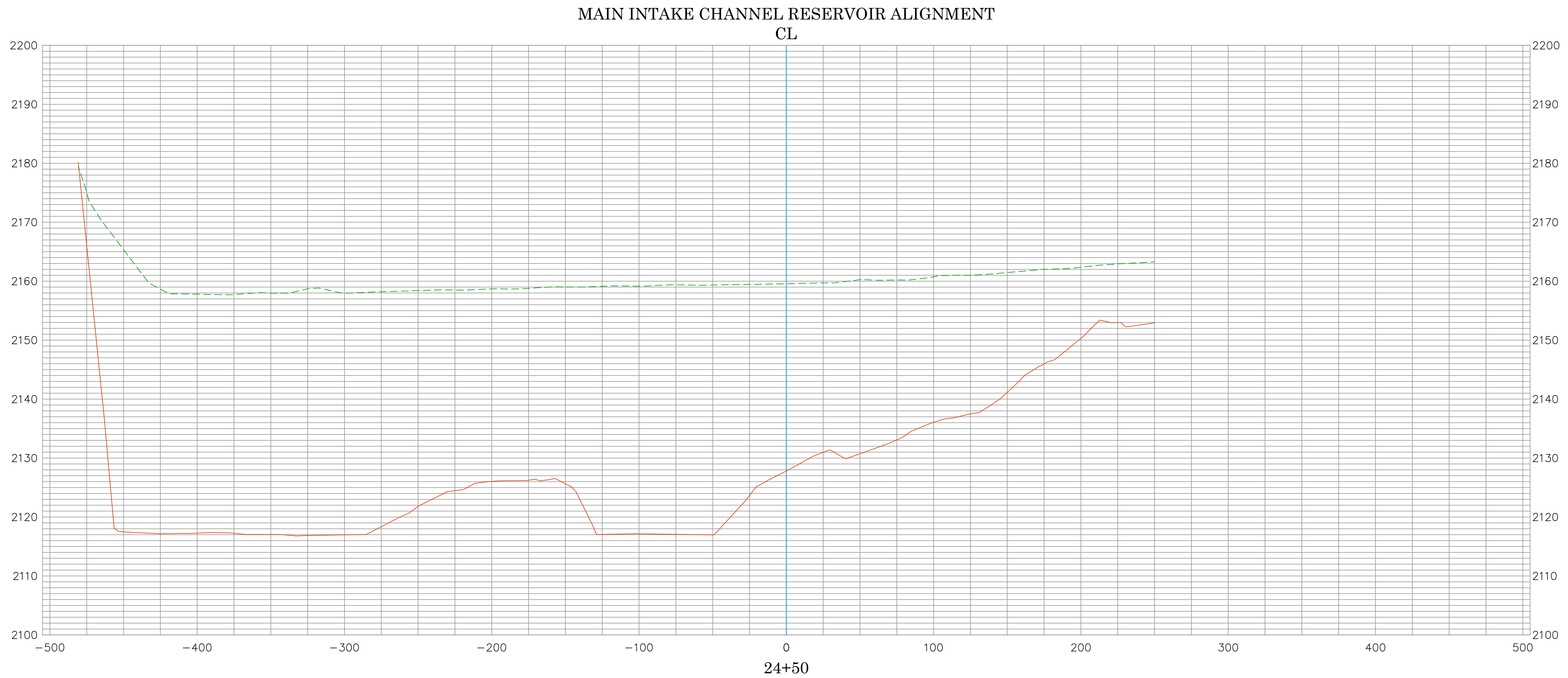


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'



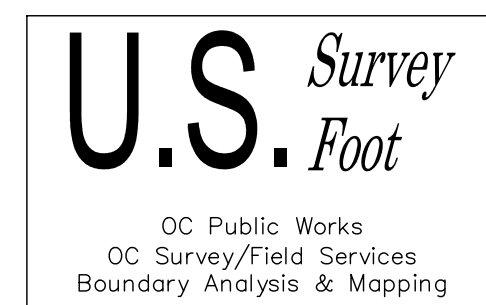
			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
			SEVEN OAKS DAM 2024 SEDIMENT STUDY					
			SECTIONS					
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM					
			DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 18 of 43	
			MAPPING		BY: J. PEDRETTI			
			OFFICE CHECK		BY: D. BUSH, PLS			
			FIELD CHECK		BY: N/A			
			MARK	DATE	ITEM		SCALE: 1"=100' W.O. #EF40059 FILE # 2324PW-FP0003	
			REVISIONS		FILE: SEVEN_OAKS_SECTIONS_2024.DWG			



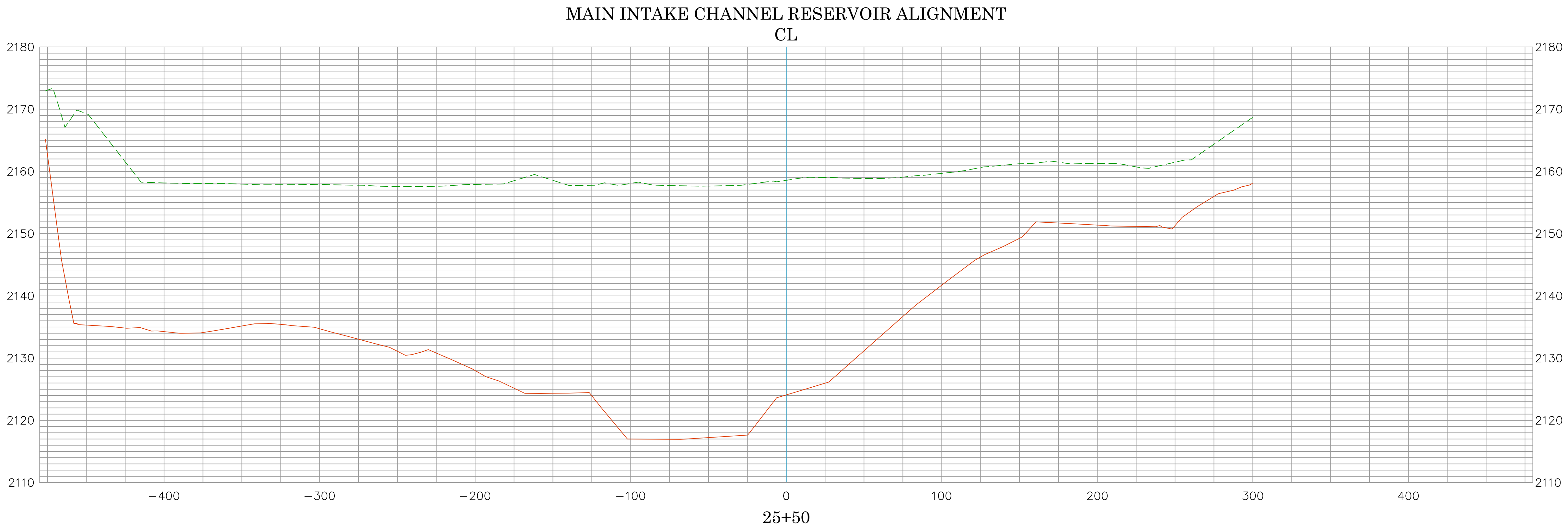
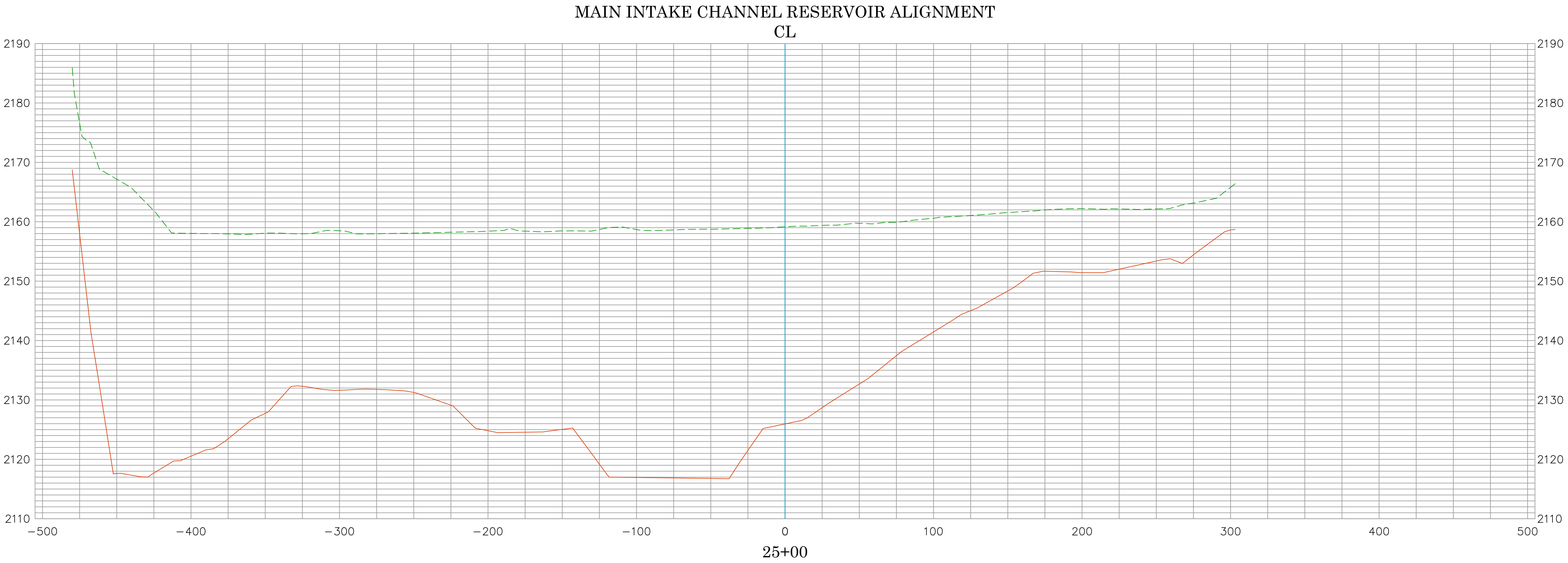
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'



			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SEVEN OAKS DAM 2024 SEDIMENT STUDY						
SECTIONS						
PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM						
DATE OF SURVEY: JULY 2024				BY: K. MARTINEZ & PARTY		SHEET NO. 19 of 43
MAPPING				BY: J. PEDRETTI		
OFFICE CHECK				BY: D. BUSH, PLS		
FIELD CHECK				BY: N/A		
MARK	DATE	ITEM	SCALE: 1"=100'		W.O. #EF40059	FILE # 2324PW-FP0003
REVISIONS			FILE: SEVEN_OAKS_SECTIONS_2024.DWG			



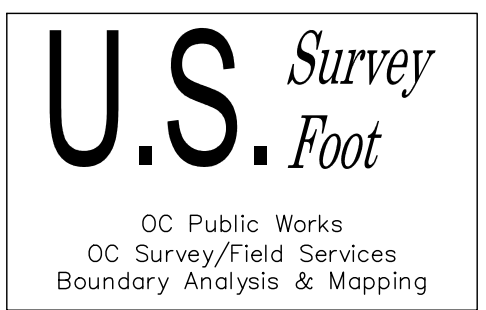
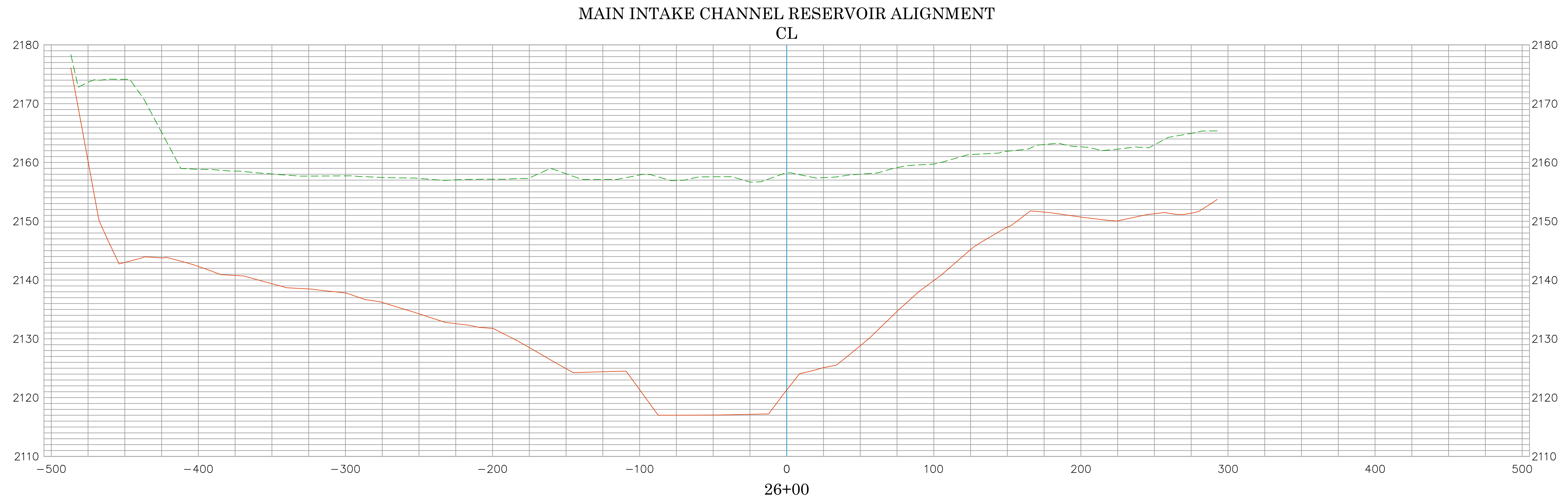
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
		SEVEN OAKS DAM 2024 SEDIMENT STUDY					
		SECTIONS					
		PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM					
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 20 of 43	
		MAPPING		BY: J. PEDRETTI			
		OFFICE CHECK		BY: D. BUSH, PLS			
		FIELD CHECK		BY: N/A			
		MARK	DATE	ITEM			
		REVISIONS					
SCALE: 1"=100'		W.O. # EF40059		FILE # 2324PW-FP0003			
FILE: SEVEN_OAKS_SECTIONS_2024.DWG							

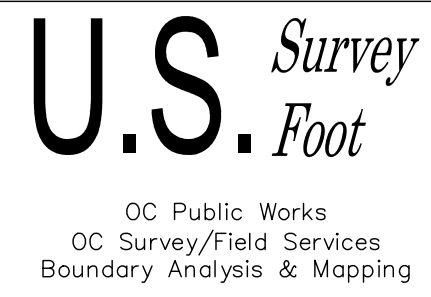
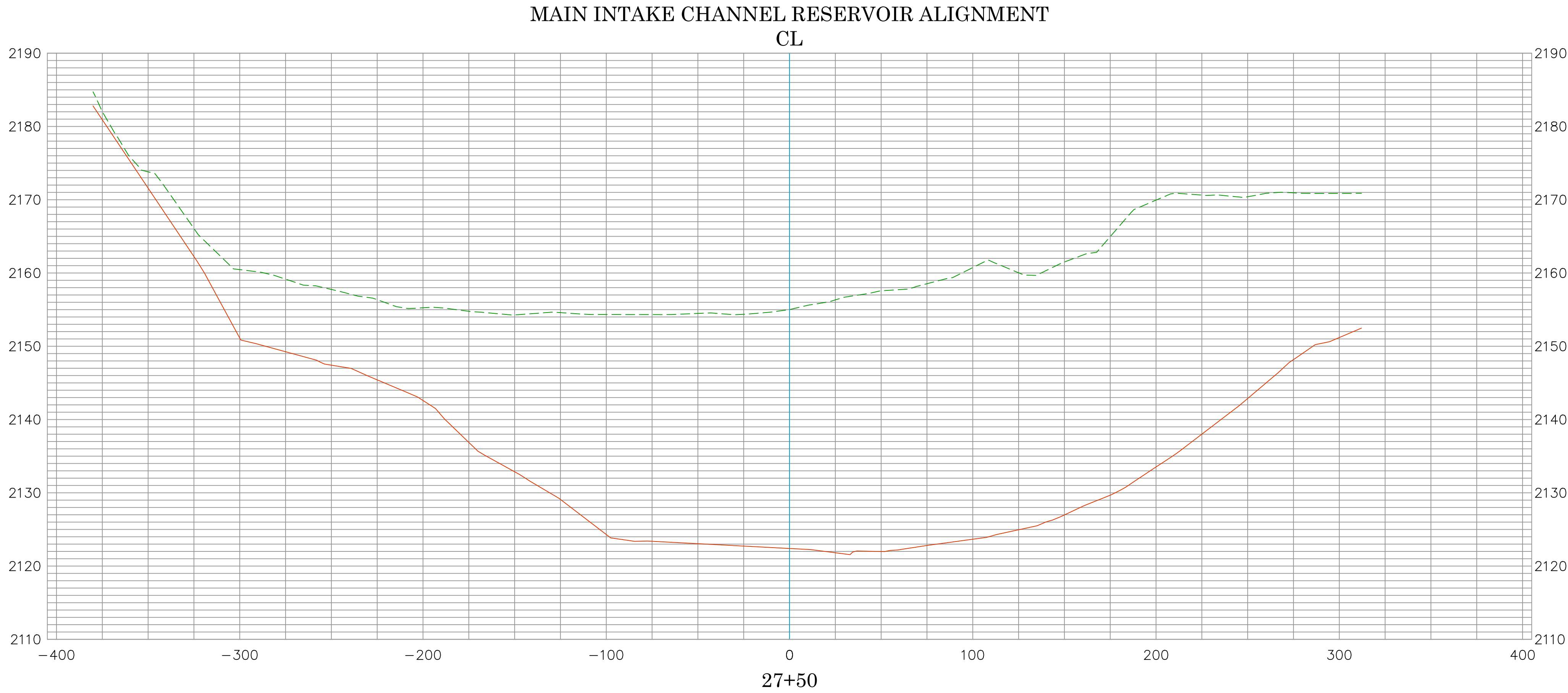
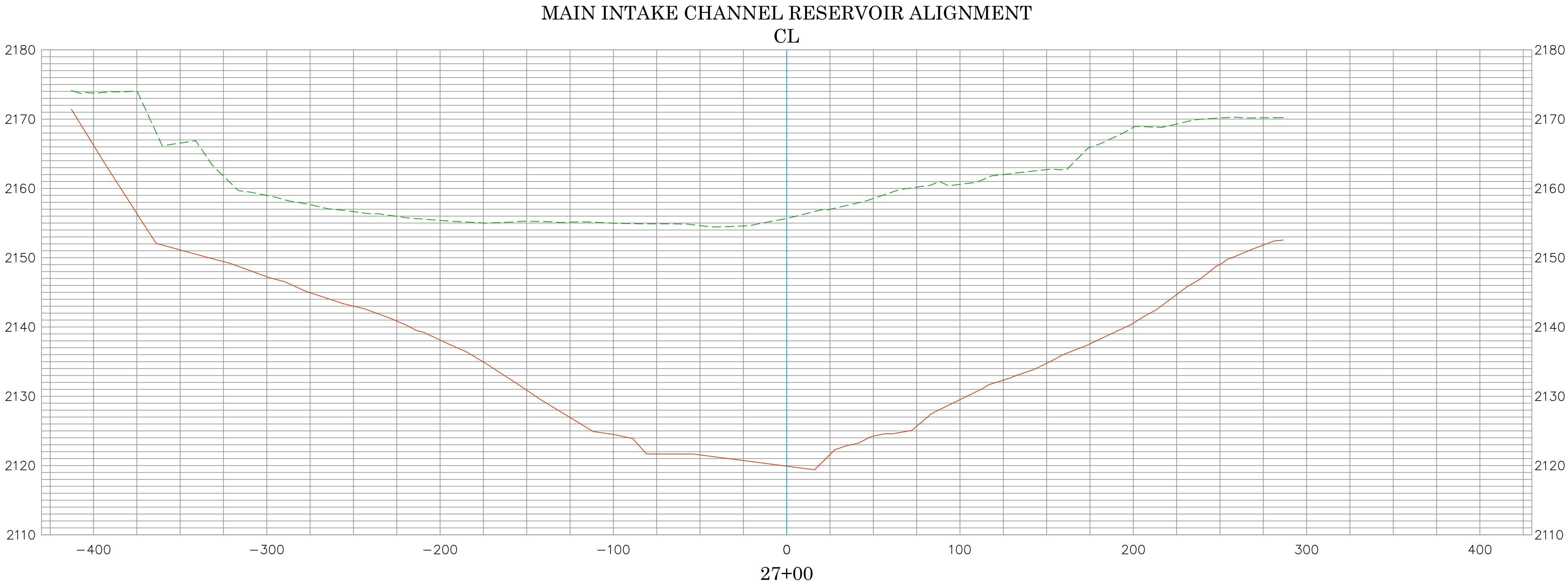


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
		FILE: SEVEN_OAKS_SECTIONS_2024.DWG		FILE # 2324PW-FP0003	
MARK	DATE	ITEM		REVISIONS	SHEET NO. 21 of 43

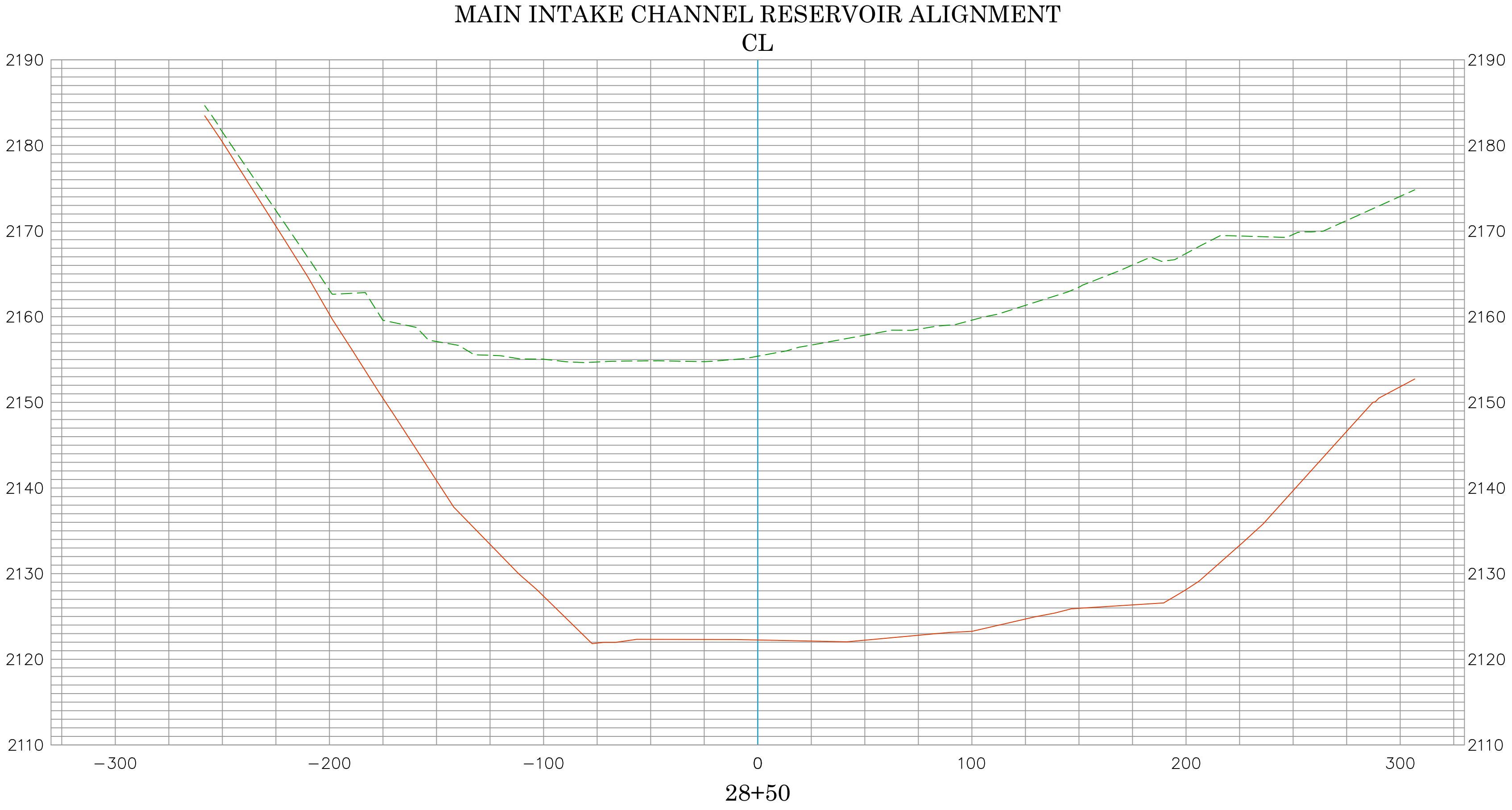
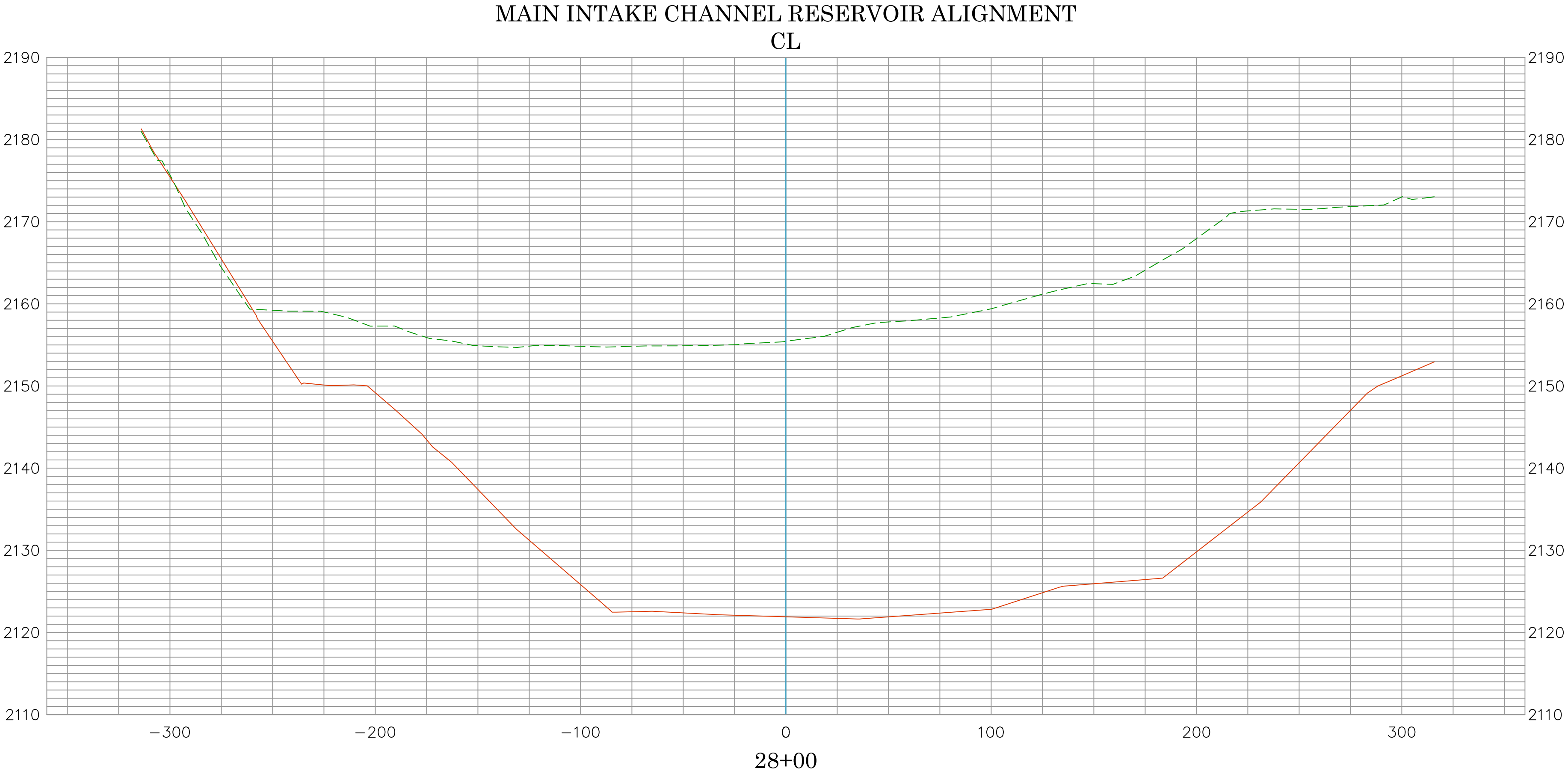


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SEVEN OAKS DAM 2024 SEDIMENT STUDY		
			SECTIONS		
			PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM		
			DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY	SHEET NO. 22 of 43
			MAPPING	BY: J. PEDRETTI	
			OFFICE CHECK	BY: D. BUSH, PLS	
			FIELD CHECK	BY: N/A	
MARK	DATE	ITEM	SCALE: 1"=100'	W.O. #EF40059	FILE #2324PW-FP0003
REVISIONS			FILE: SEVEN_OAKS_SECTIONS_2024.DWG		

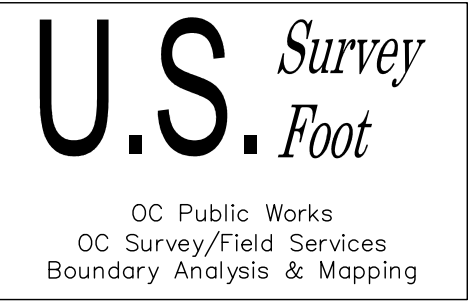
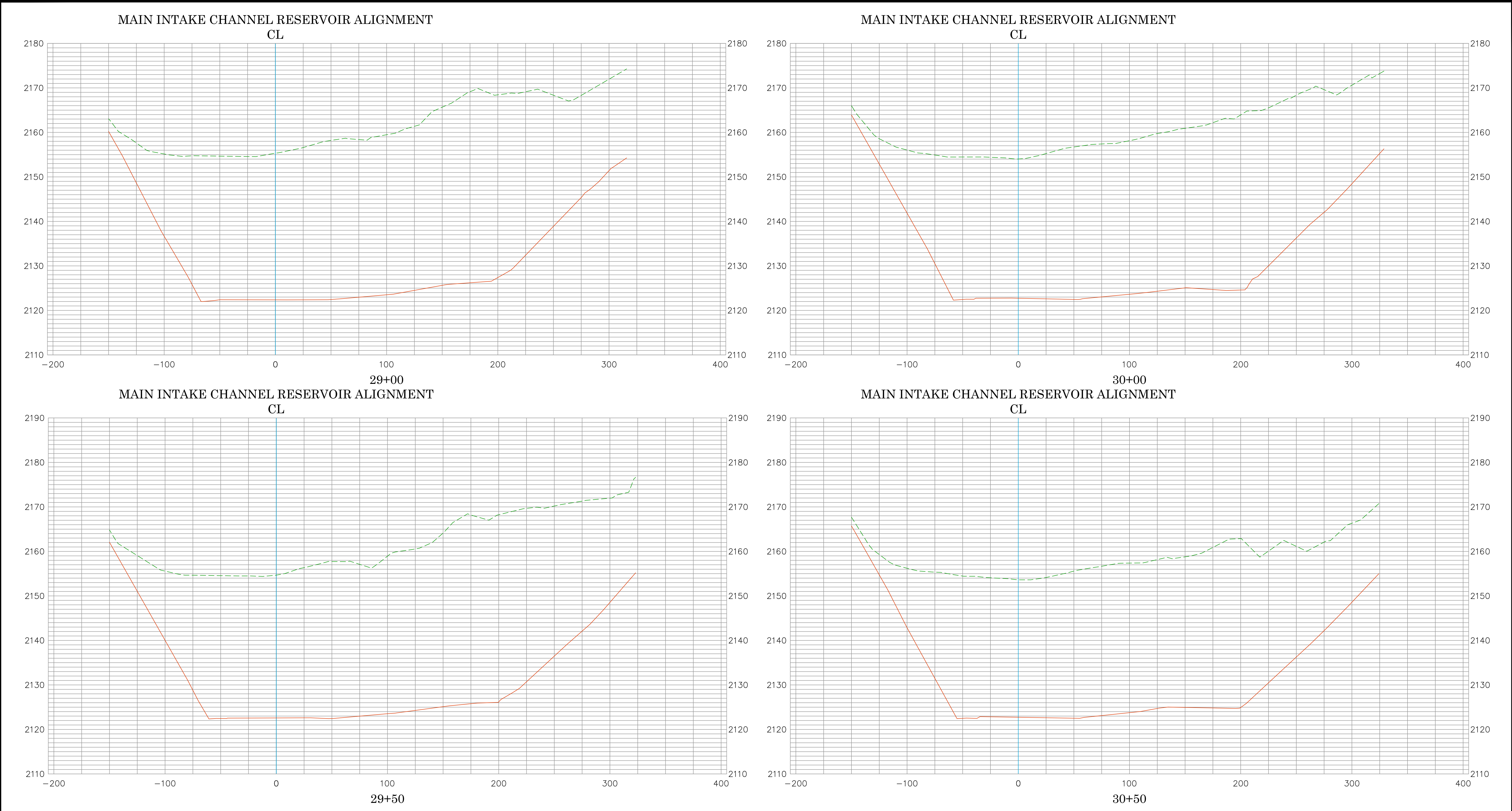


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED: 08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

MARK	DATE	ITEM	COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SEVEN OAKS DAM 2024 SEDIMENT STUDY				
			SECTIONS				
			PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM				
			DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 23 of 43
			MAPPING		BY: J. PEDRETTI		
			OFFICE CHECK		BY: D. BUSH, PLS		
			FIELD CHECK		BY: N/A		
			SCALE: 1"=100'		W.O. #EF40059	FILE # 2324PW-FP0003	
			FILE: SEVEN_OAKS_SECTIONS_2024.DWG				REVISIONS

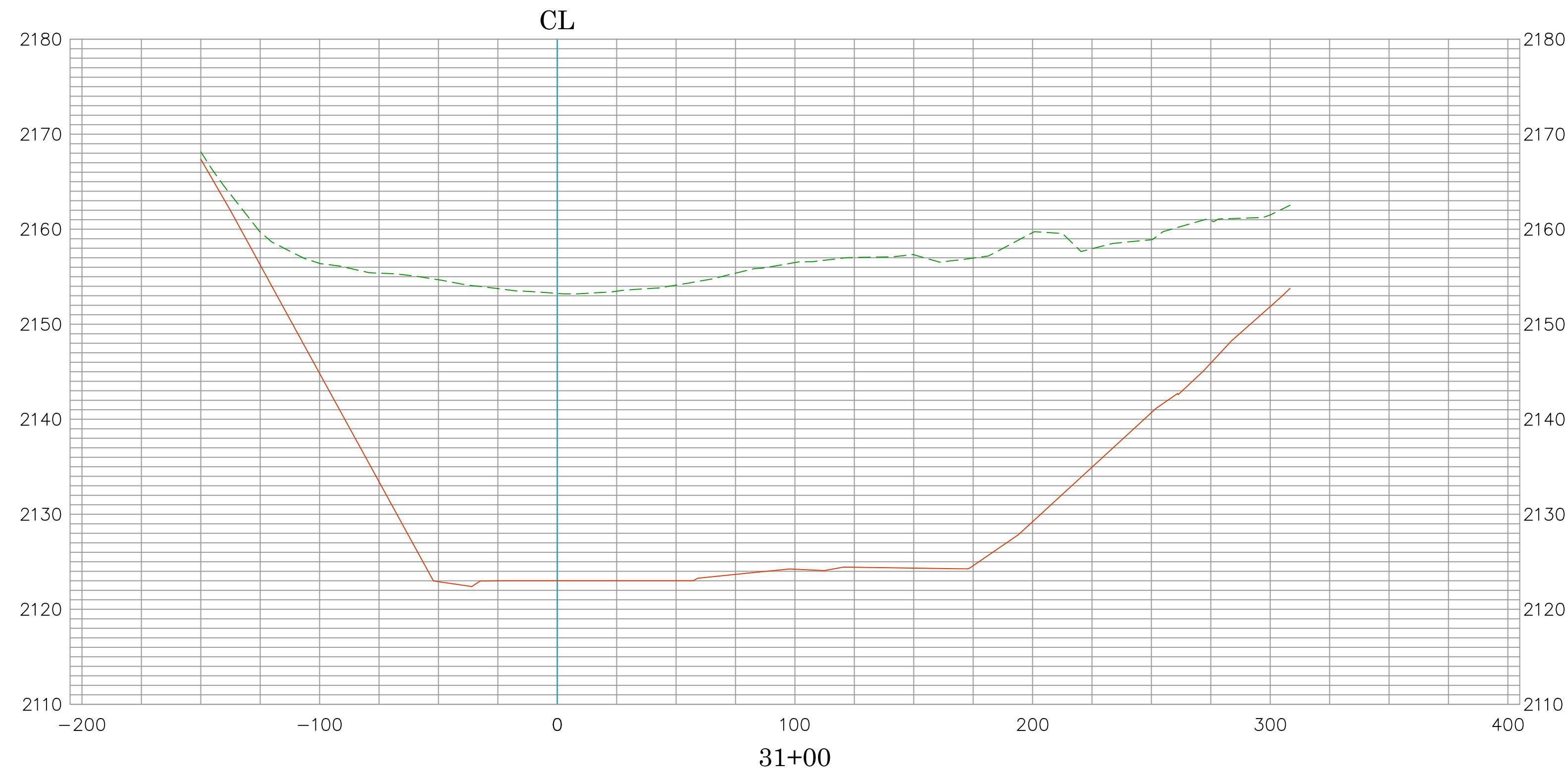


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024

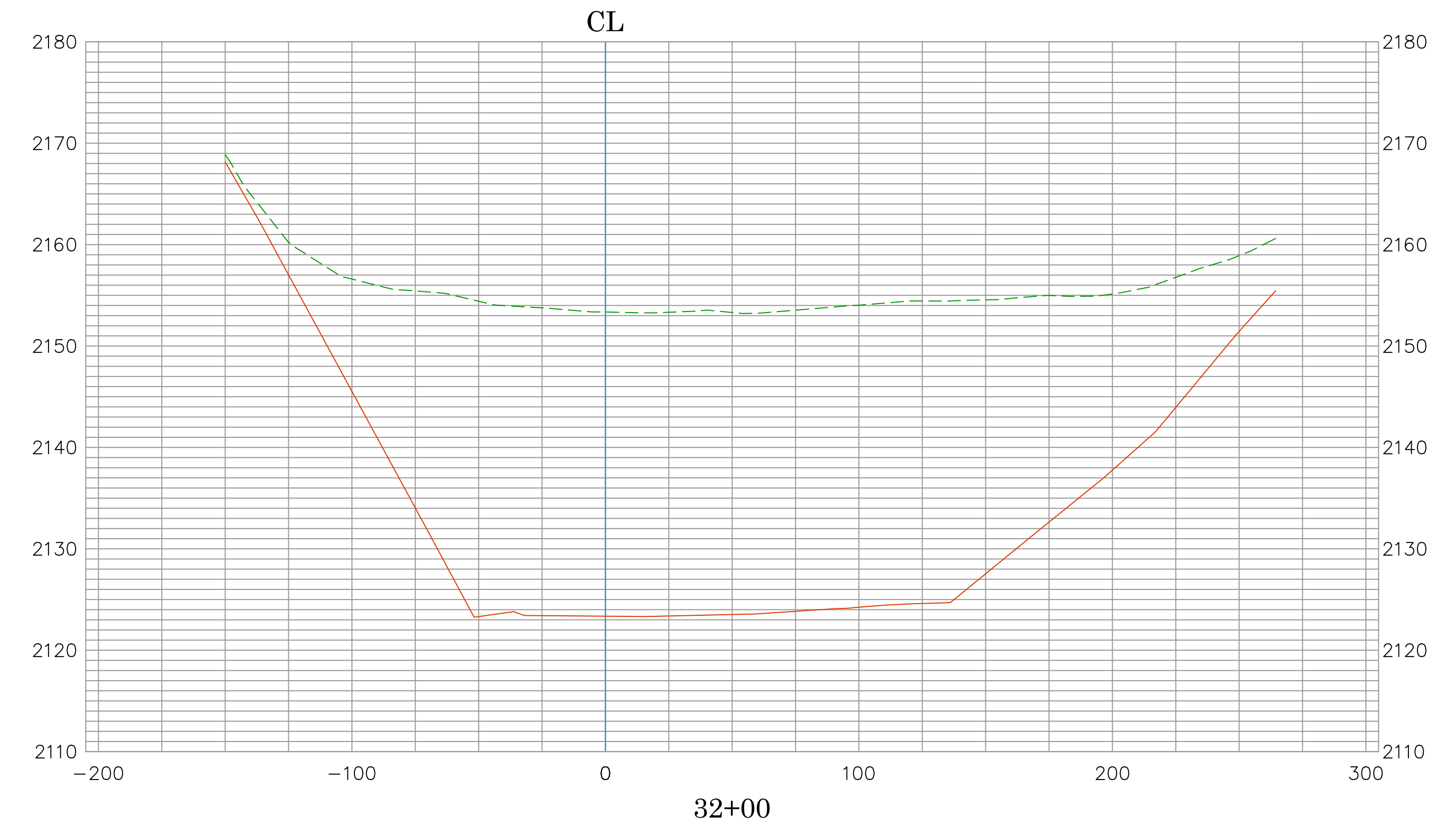
Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

				COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
				SEVEN OAKS DAM 2024 SEDIMENT STUDY	
				SECTIONS	
				PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM	
				DATE OF SURVEY: JULY 2024	
MAPPING		BY: J. PEDRETTI			
OFFICE CHECK		BY: D. BUSH, PLS			
FIELD CHECK		BY: N/A			
SCALE: 1"=100'		W.O. #EF40059		FILE #2324PW-FP0003	
FILE: SEVEN_OAKS_SECTIONS_2024.DWG					
MARK	DATE	ITEM			
		REVISIONS			

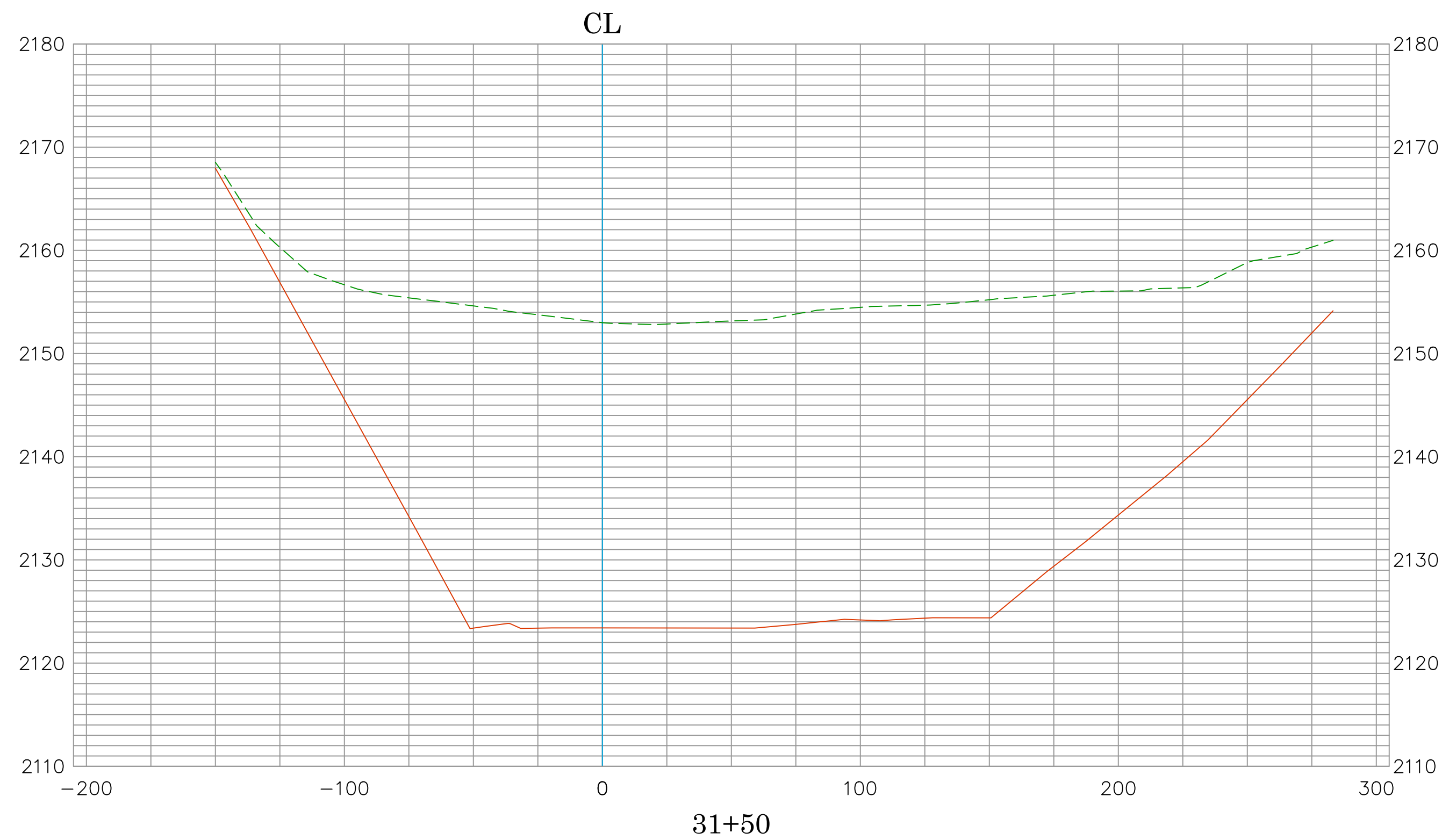
MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT



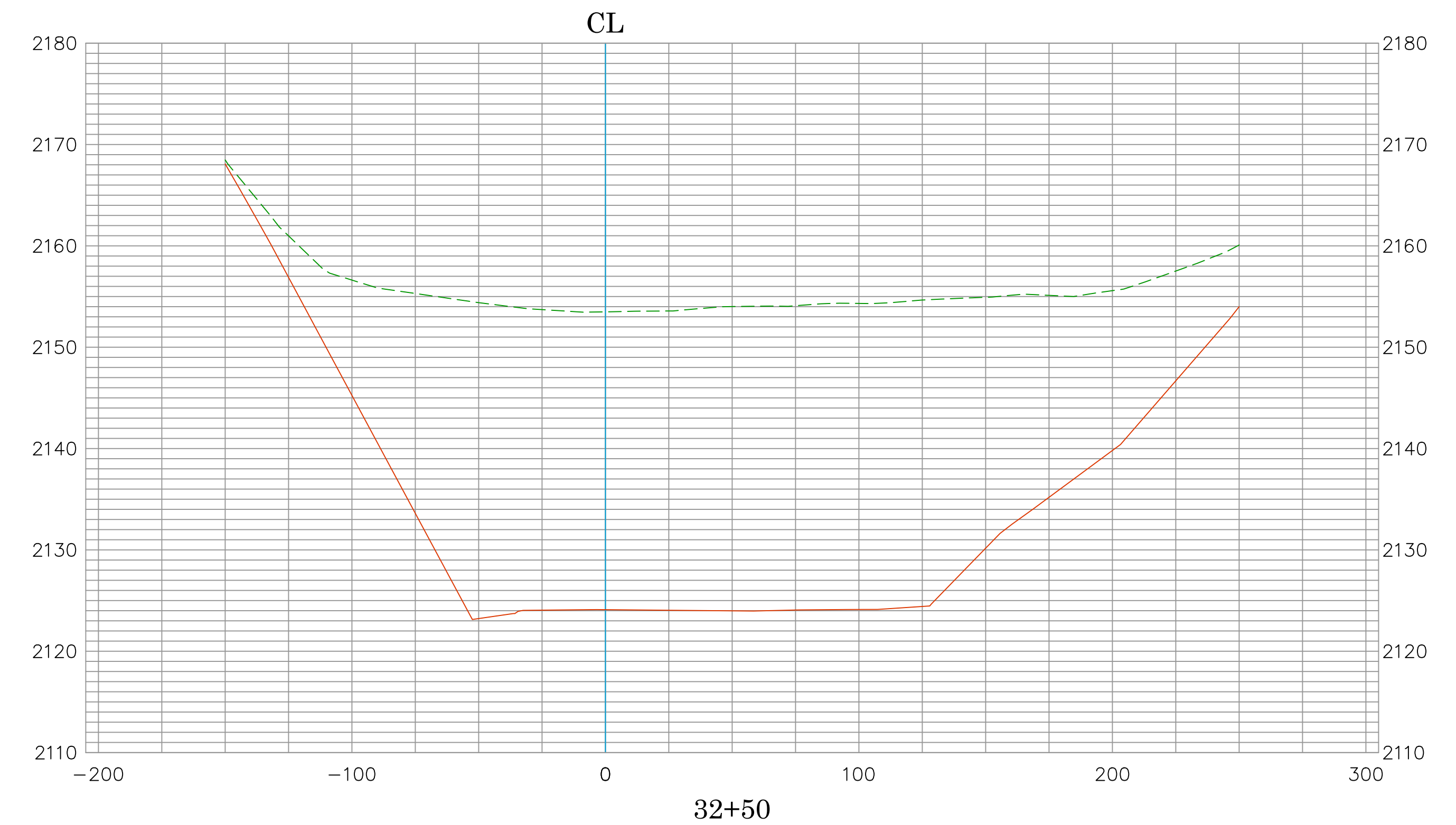
MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT



MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT



MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT



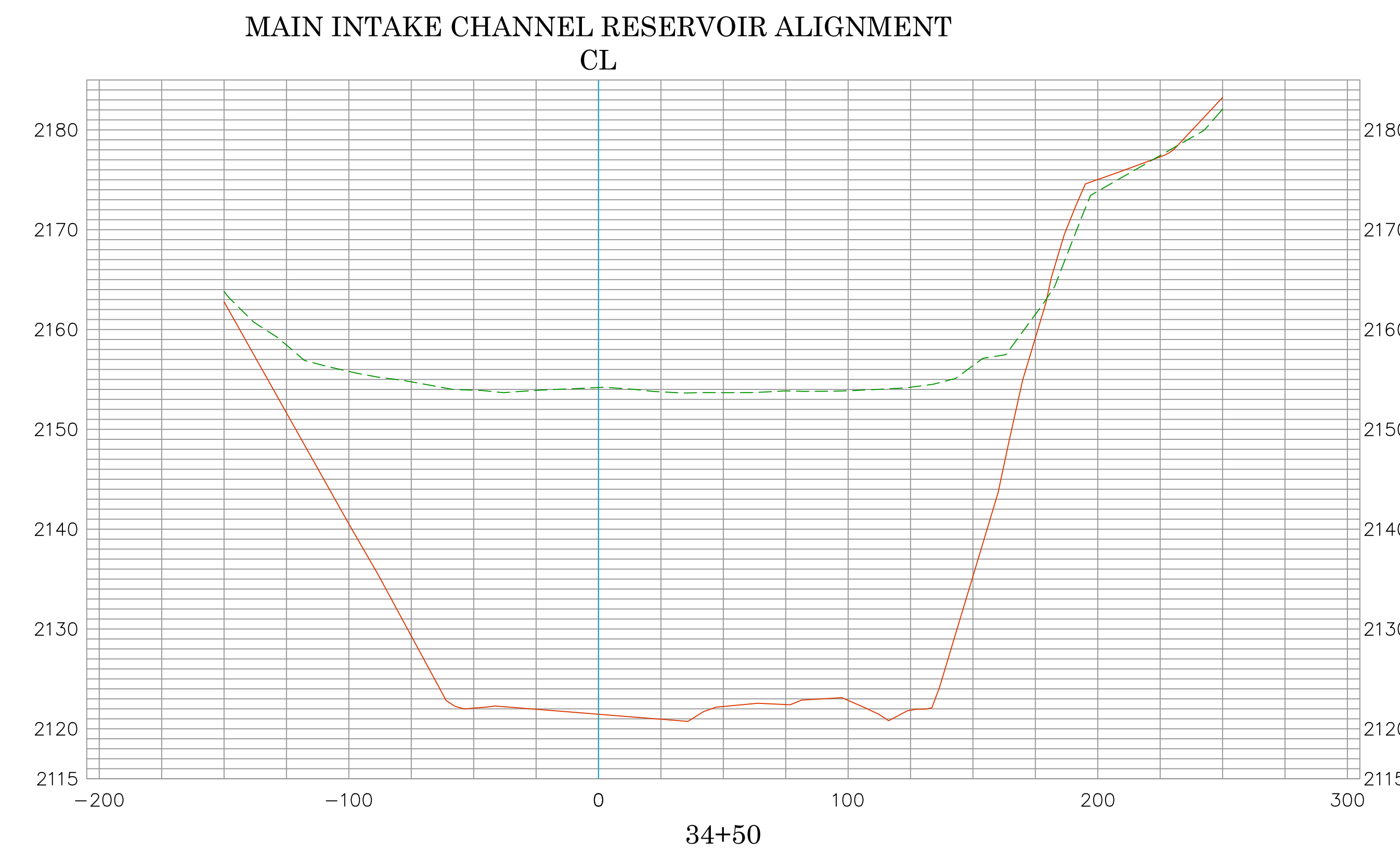
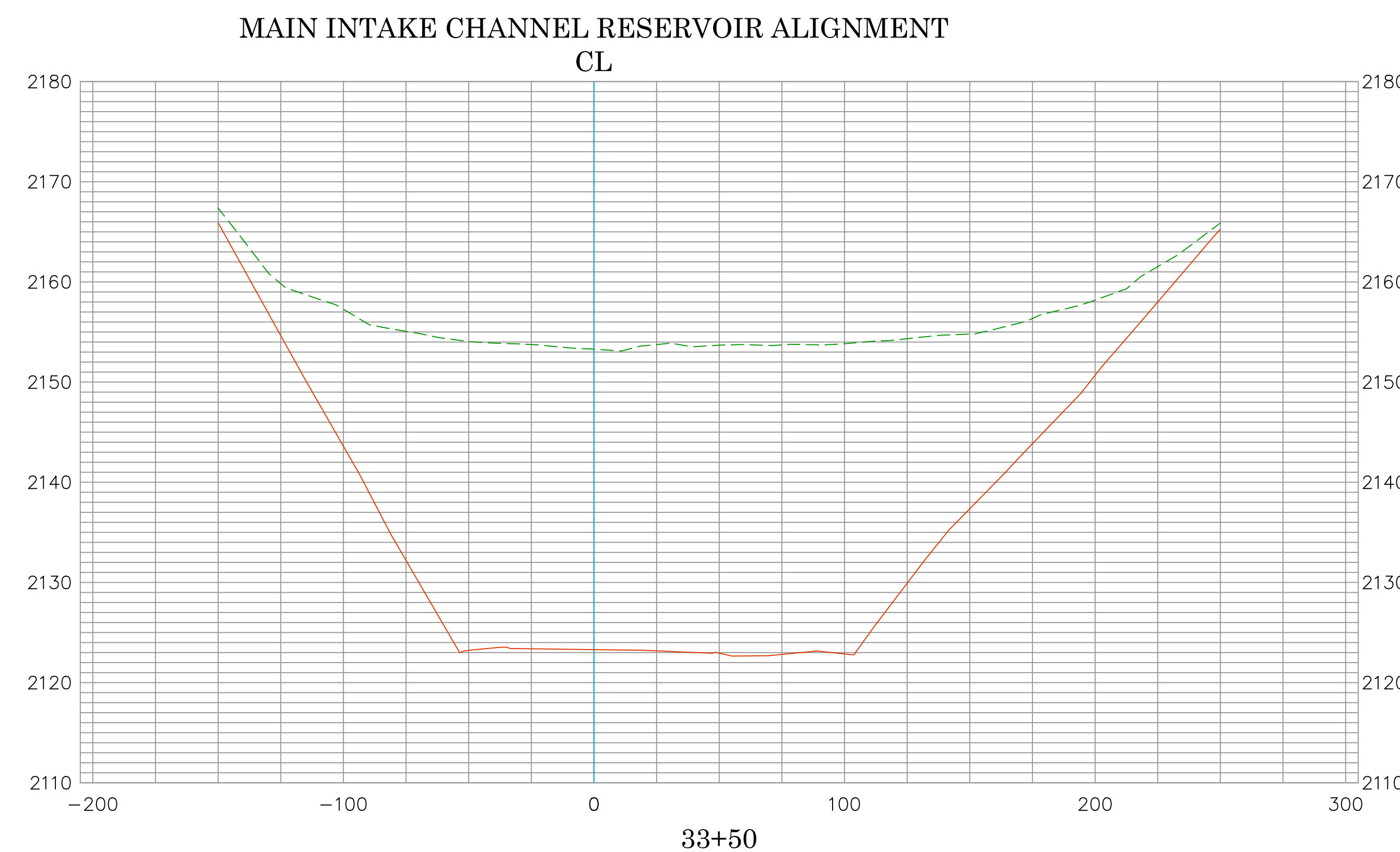
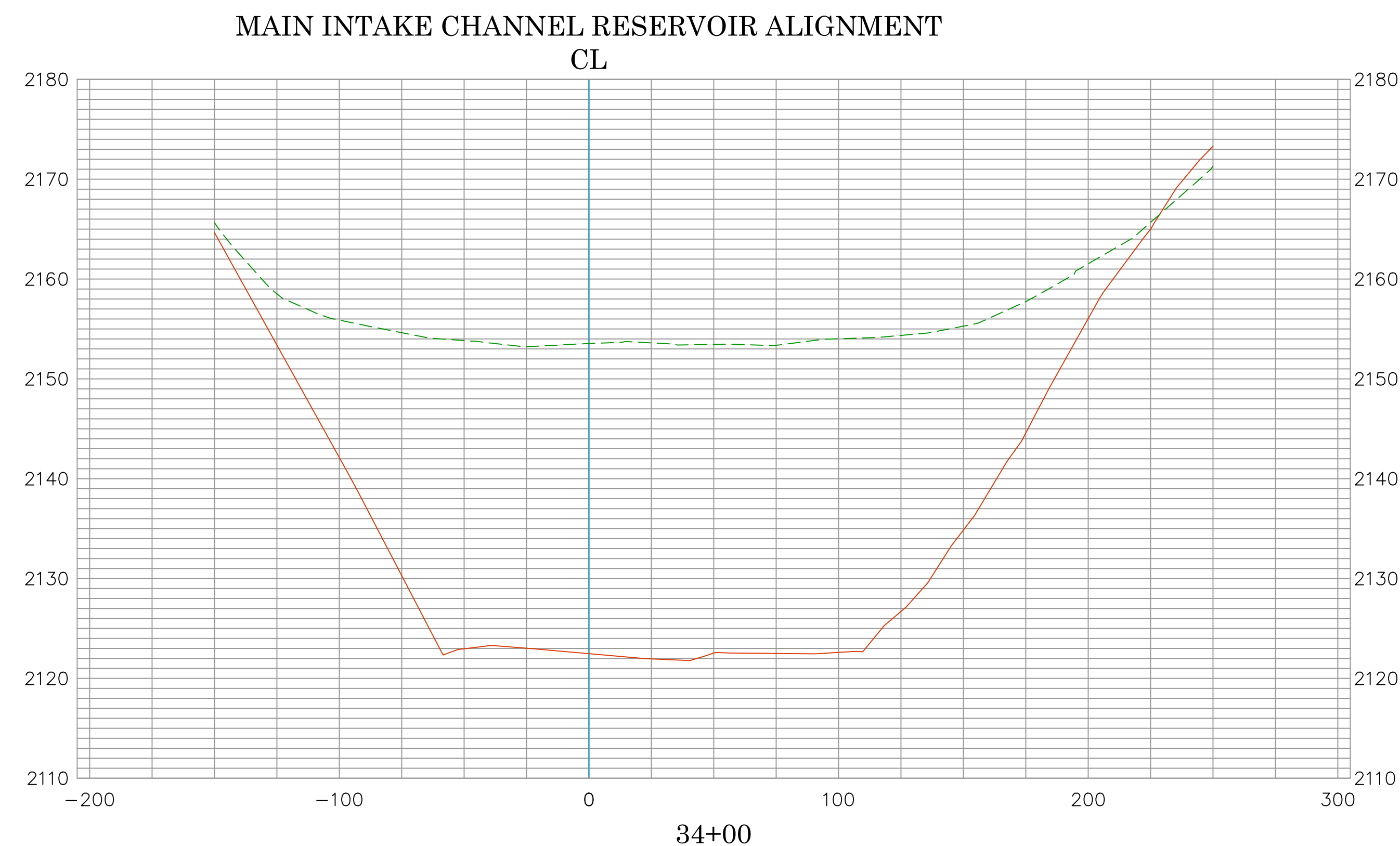
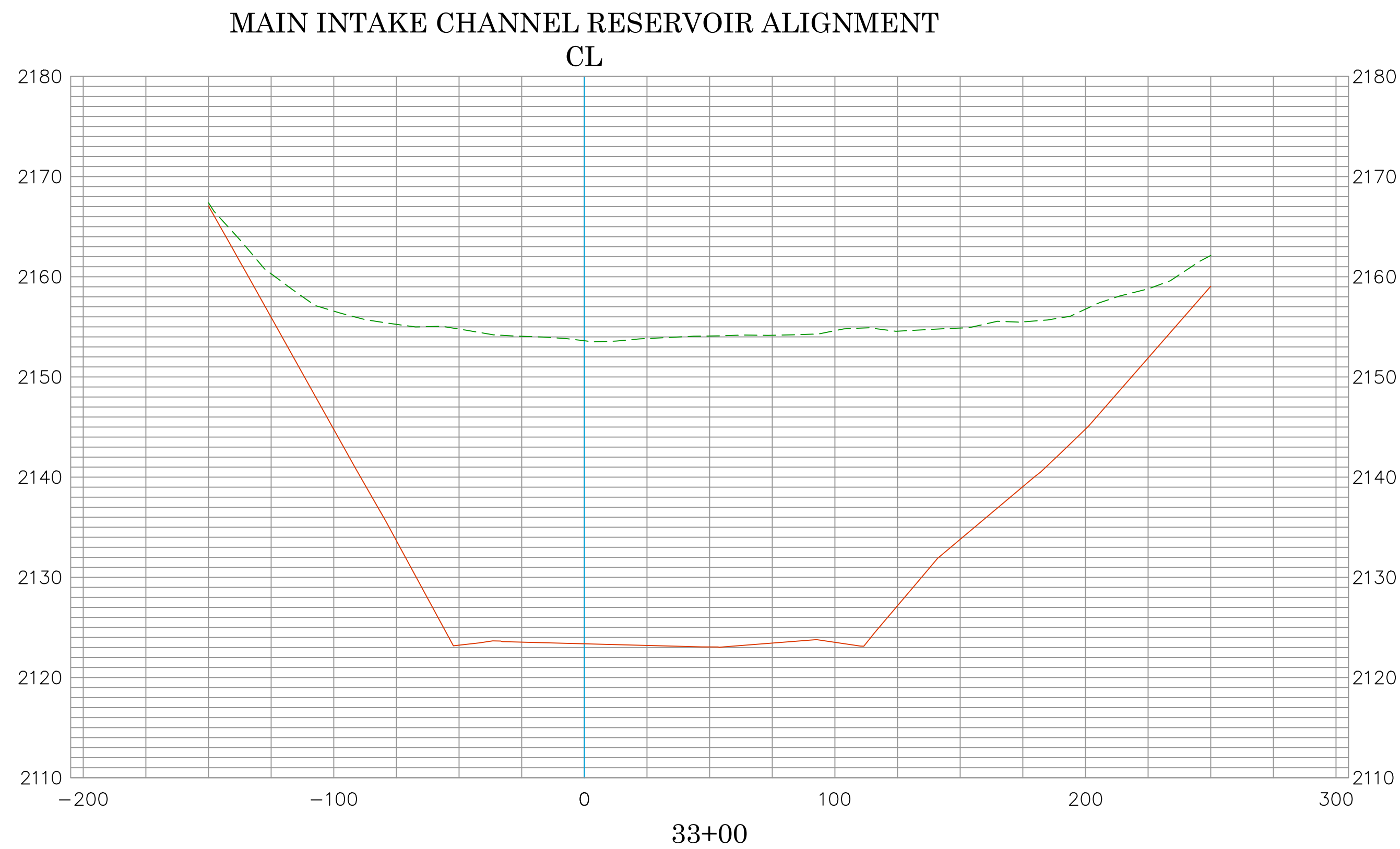
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SEVEN OAKS DAM 2024 SEDIMENT STUDY			
			SECTIONS			
			PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM			
			DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY		SHEET NO. 25 of 43
			MAPPING	BY: J. PEDRETTI		
			OFFICE CHECK	BY: D. BUSH, PLS		
			FIELD CHECK	BY: N/A		
MARK	DATE	ITEM	FIELD CHECK	W.O. #EF40059	FILE # 2324PW-FP0003	
		REVISIONS	SCALE: 1"=100'	FILE: SEVEN OAKS SECTIONS_2024.DWG		



EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

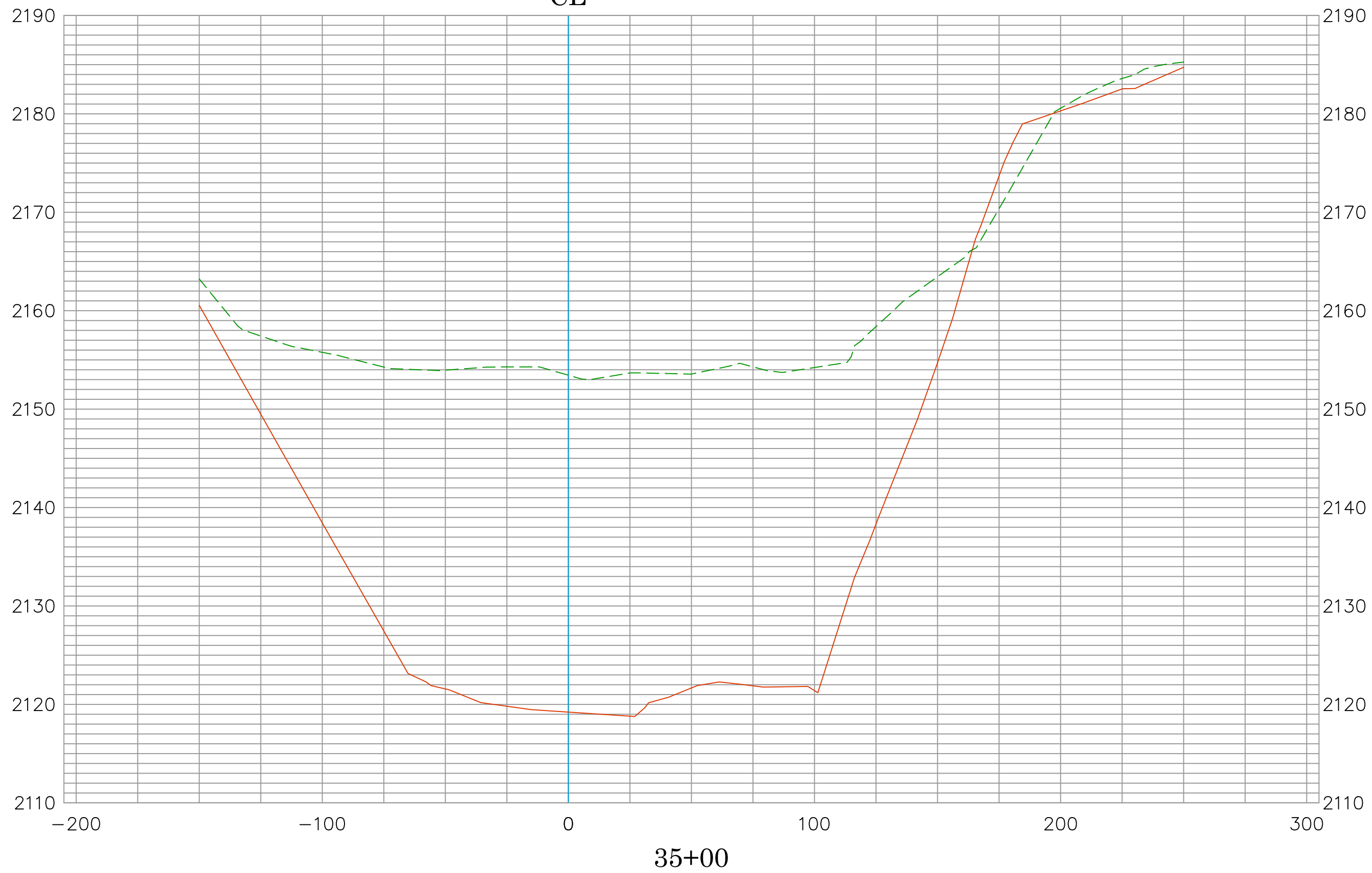
DATE PREPARED: 08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			SEVEN OAKS DAM 2024 SEDIMENT STUDY				
			SECTIONS				
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM				
			DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 26 of 43
			MAPPING		BY: J. PEDRETTI		
			OFFICE CHECK		BY: D. BUSH, PLS		
			FIELD CHECK		BY: N/A		
MARK	DATE	ITEM	FIELD CHECK		SCALE: 1"=100'	W.O. #EF40059	FILE #2324PW-FP0003
			REVISIONS				
			FILE: SEVEN_OAKS_SECTIONS_2024.DWG				

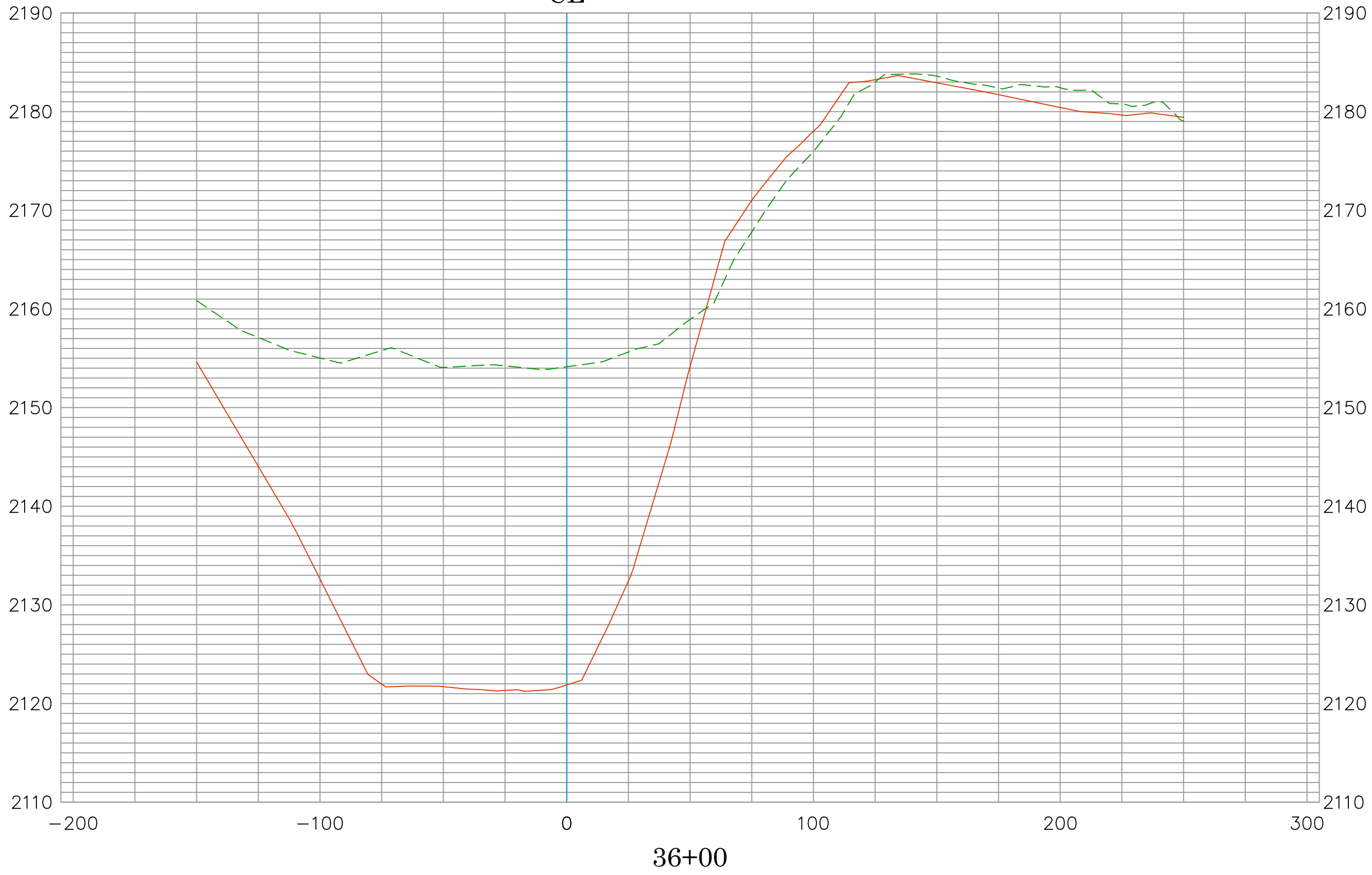
MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT

CL



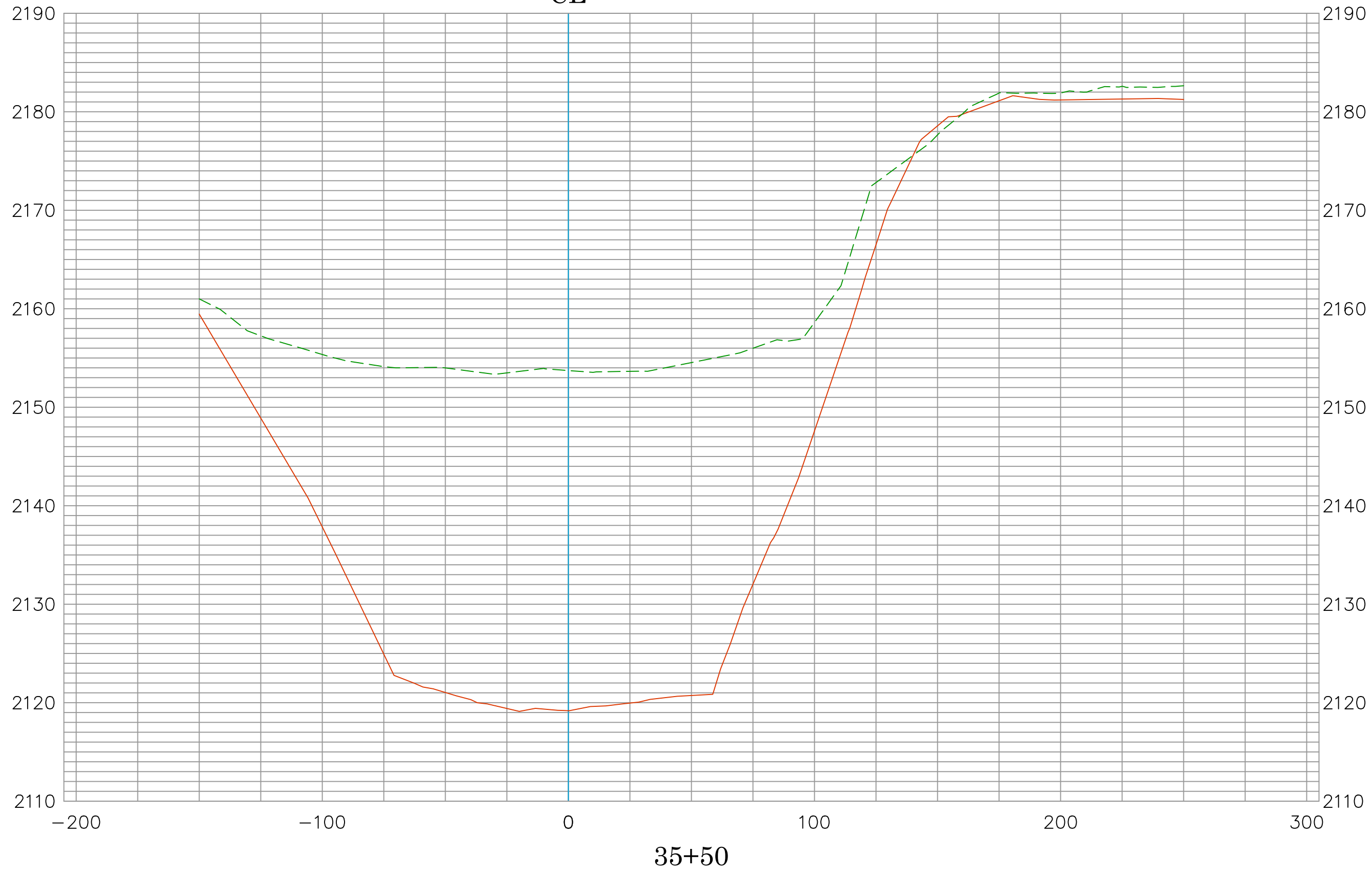
MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT

CL



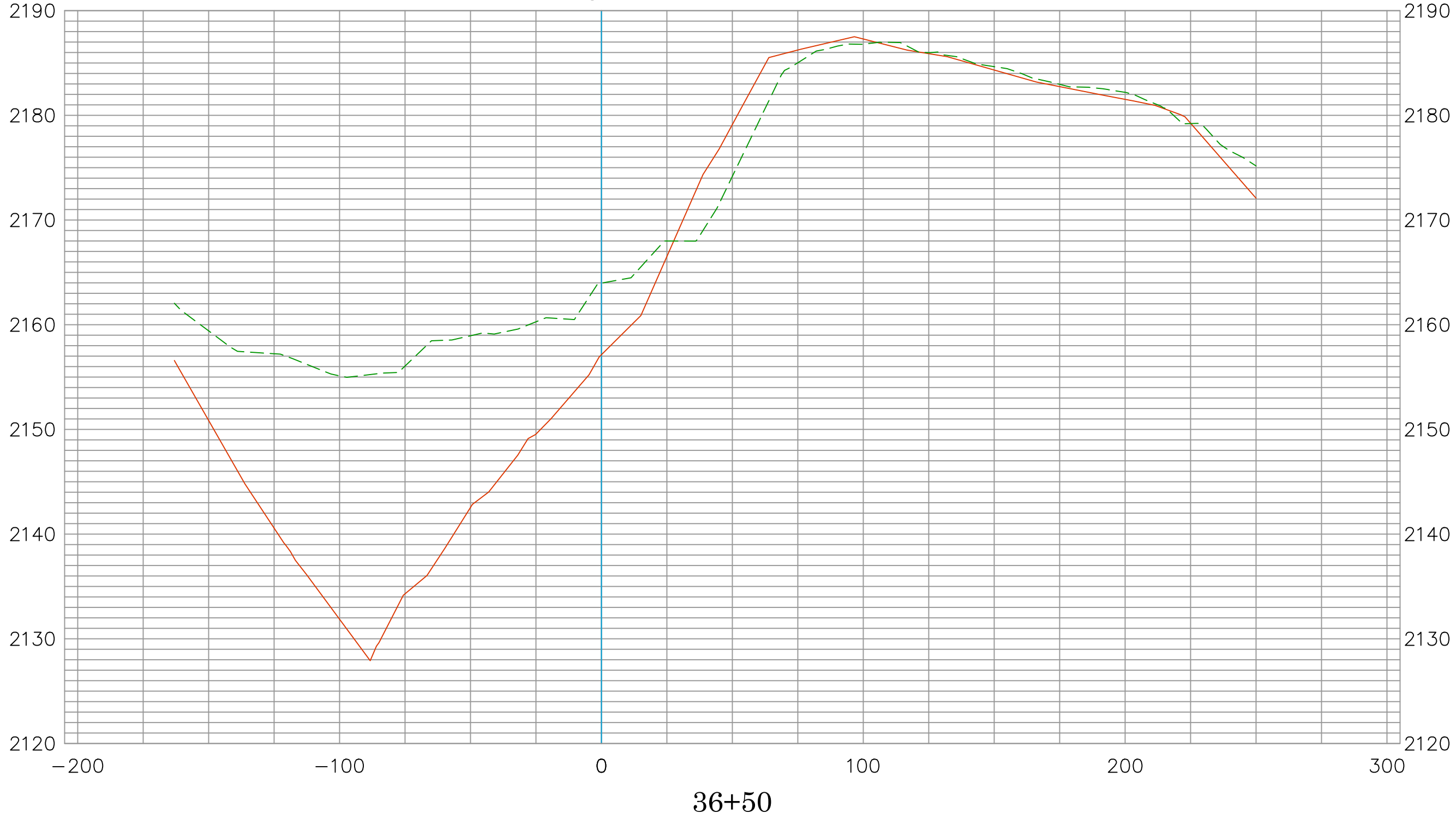
MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT

CL

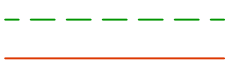


MAIN INTAKE CHANNEL RESERVOIR ALIGNMENT

CL

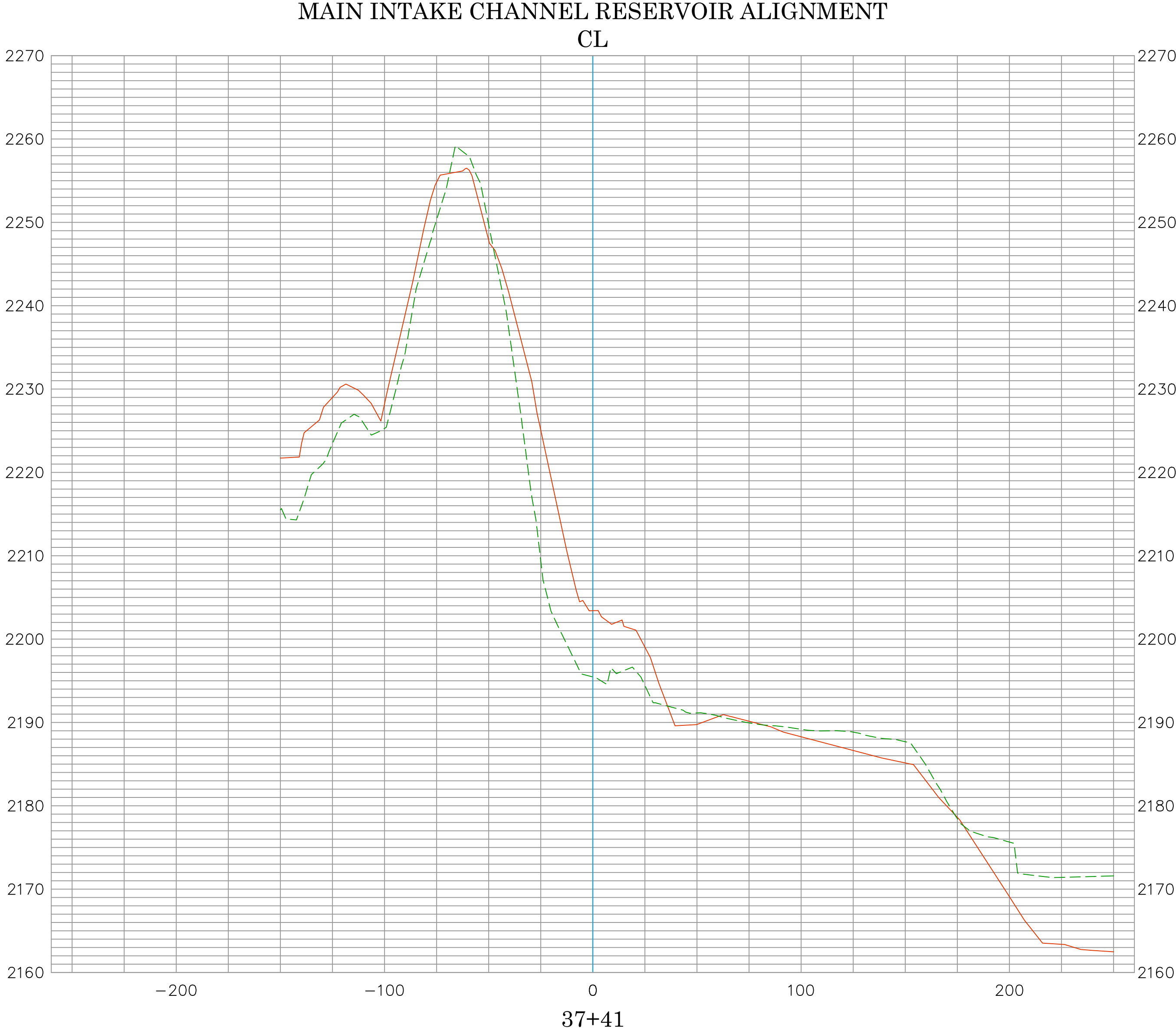
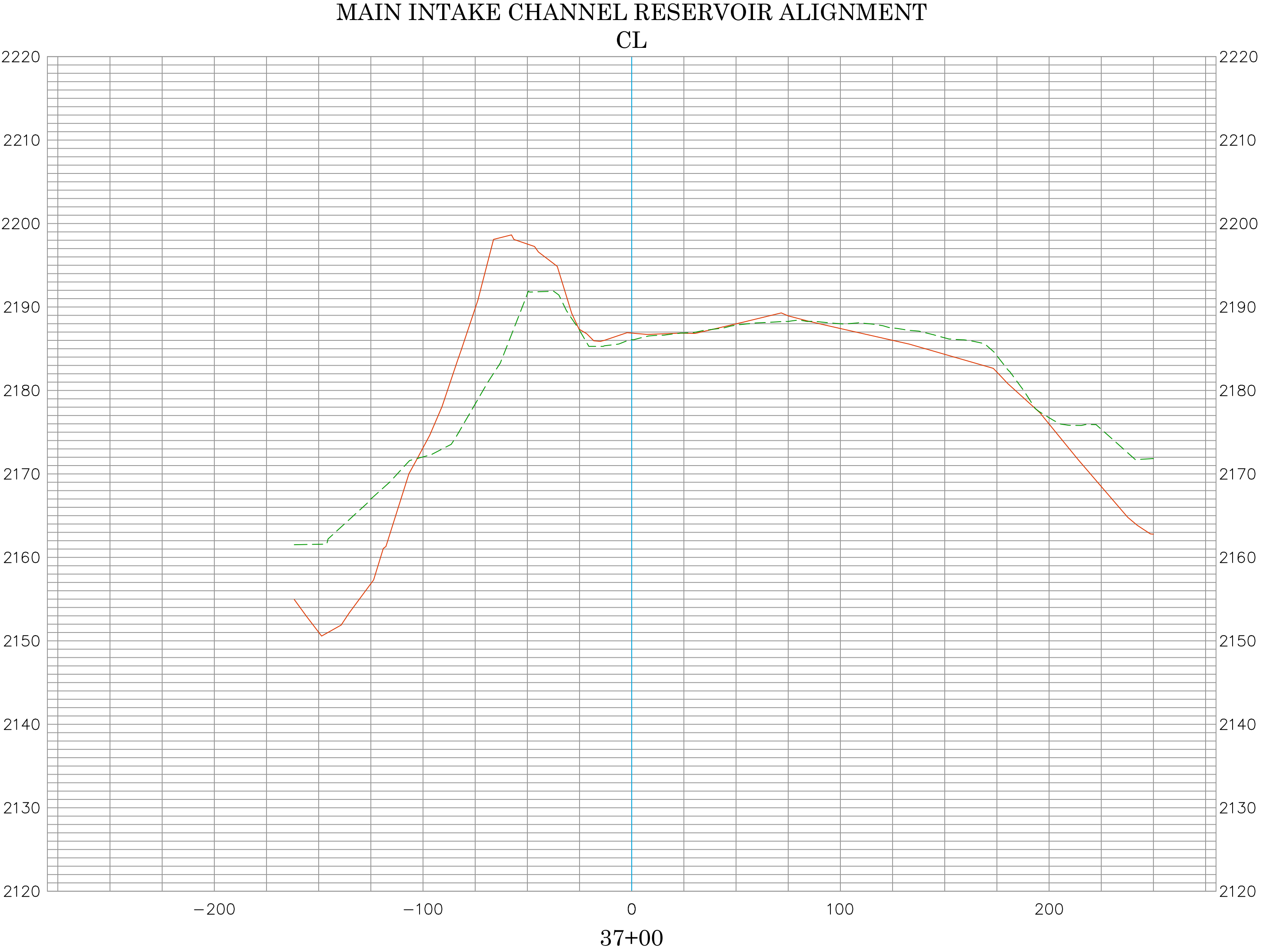


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

				COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
				SEVEN OAKS DAM 2024 SEDIMENT STUDY					
		SECTIONS							
		PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM							
		DATE OF SURVEY: JULY 2024				BY: K. MARTINEZ & PARTY		SHEET NO. 27 of 43	
		MAPPING		BY: J. PEDRETTI					
		OFFICE CHECK		BY: D. BUSH, PLS					
		FIELD CHECK		BY: N/A					
		MARK		DATE		ITEM			
						REVISIONS			
		SCALE: 1"=100'		W.O. # EF40059		FILE # 2324PW-FP0003			
				FILE: SEVEN_OAKS_SECTIONS_2024.DWG					

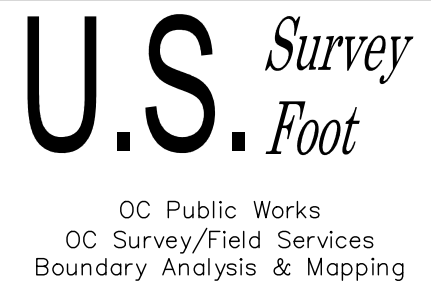
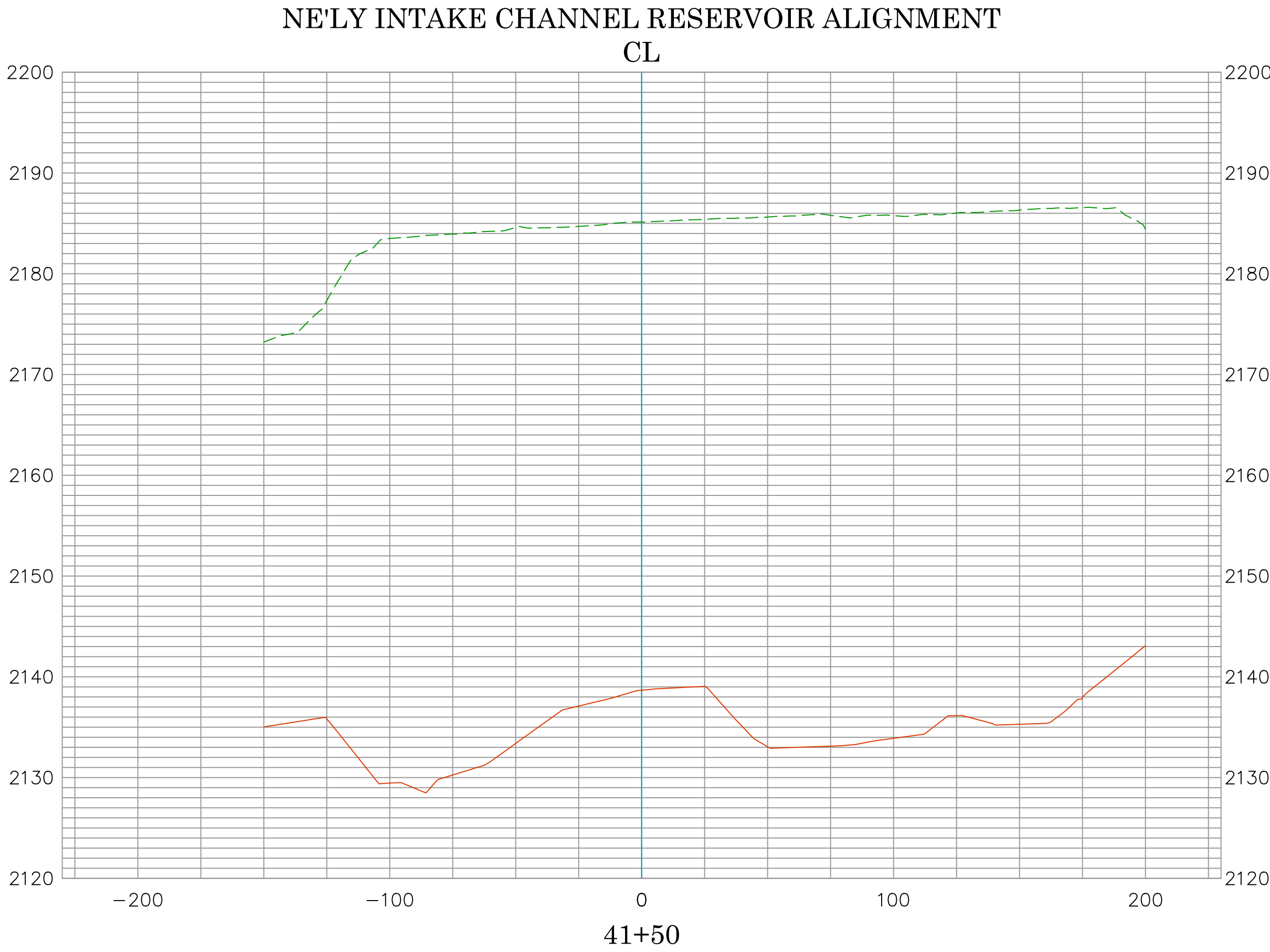
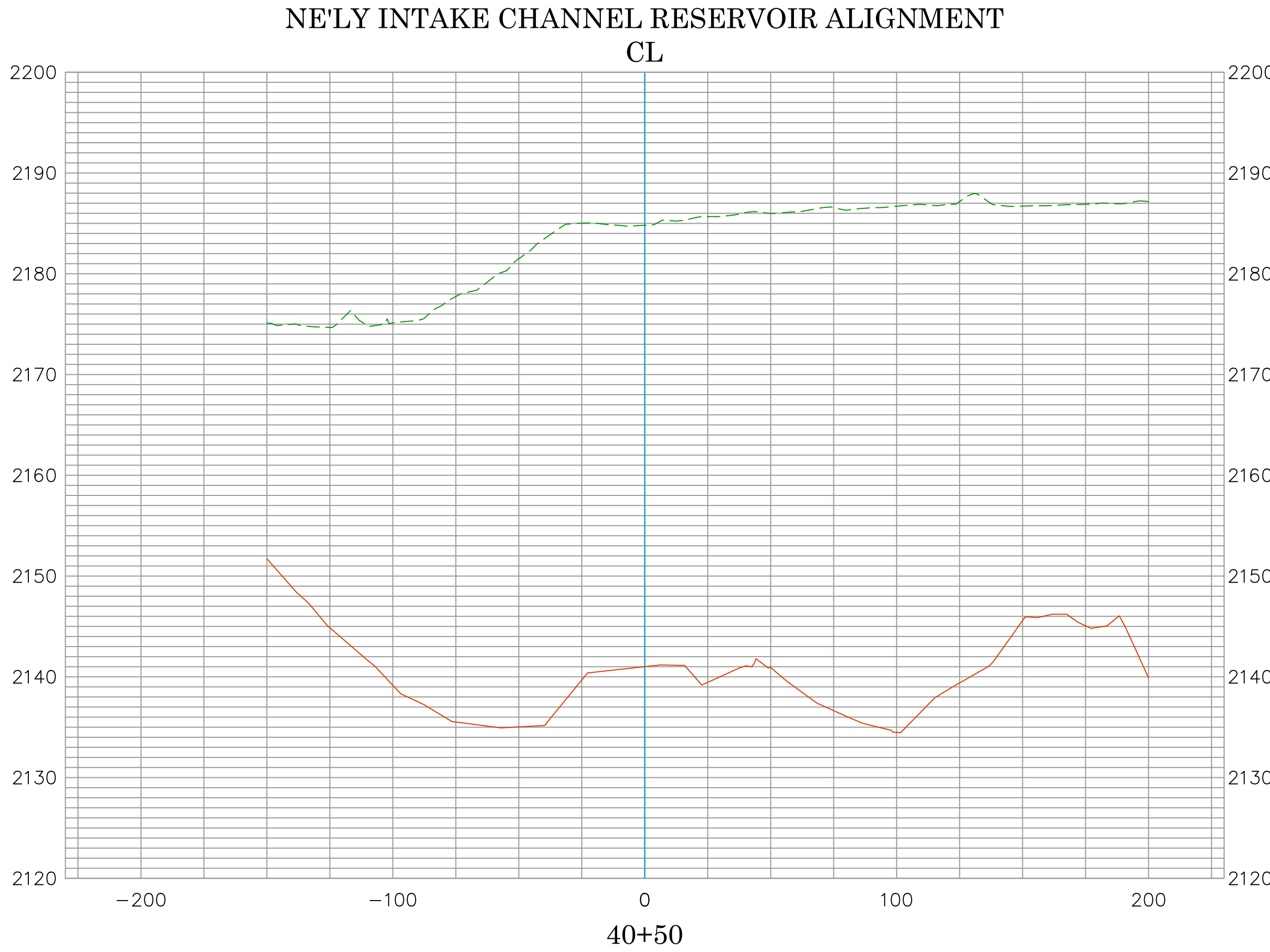
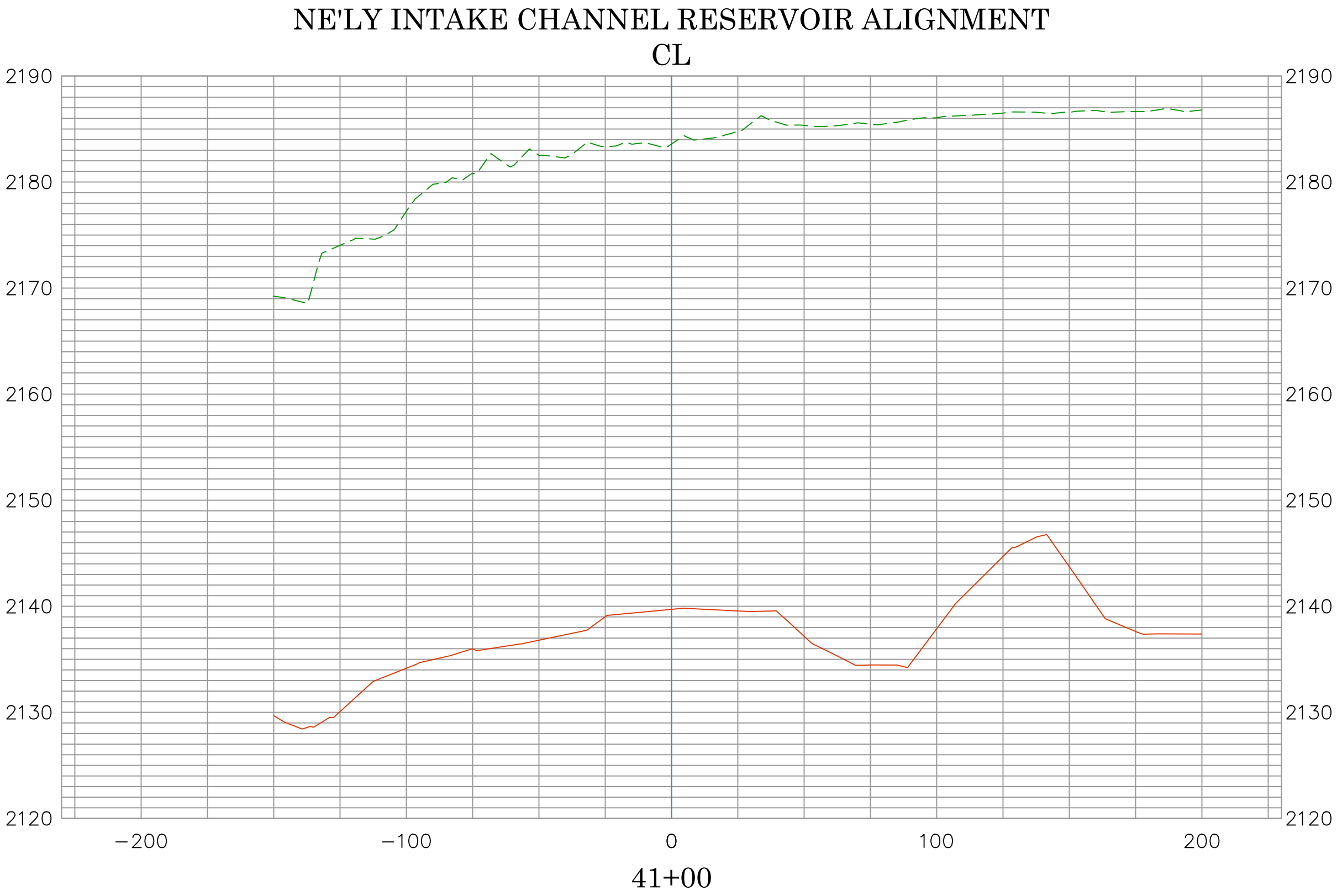
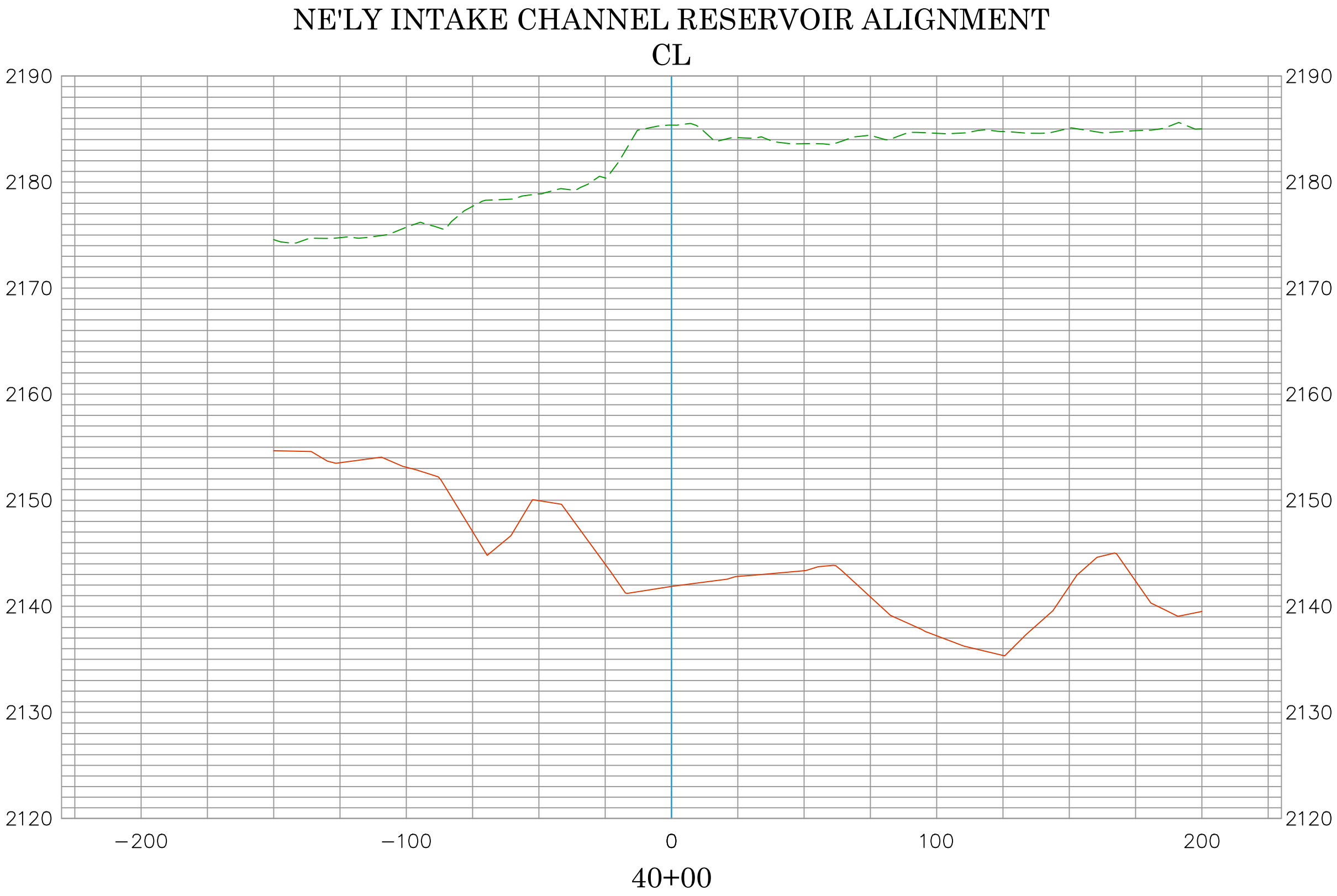


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SEVEN OAKS DAM 2024 SEDIMENT STUDY			
			SECTIONS			
			PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
			DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	SHEET NO. 28 of 43
			MAPPING		BY: J. PEDRETTI	
			OFFICE CHECK		BY: D. BUSH, PLS	
			FIELD CHECK		BY: N/A	
MARK	DATE	ITEM	SCALE: 1"=100'		W.O. #EF40059	FILE # 2324PW-FP0003
REVISIONS			FILE: SEVEN_OAKS_SECTIONS_2024.DWG			

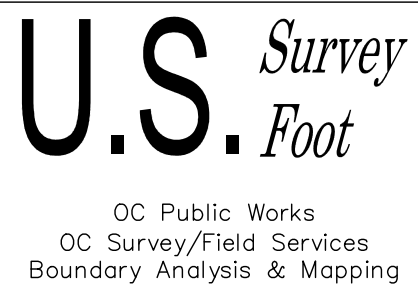
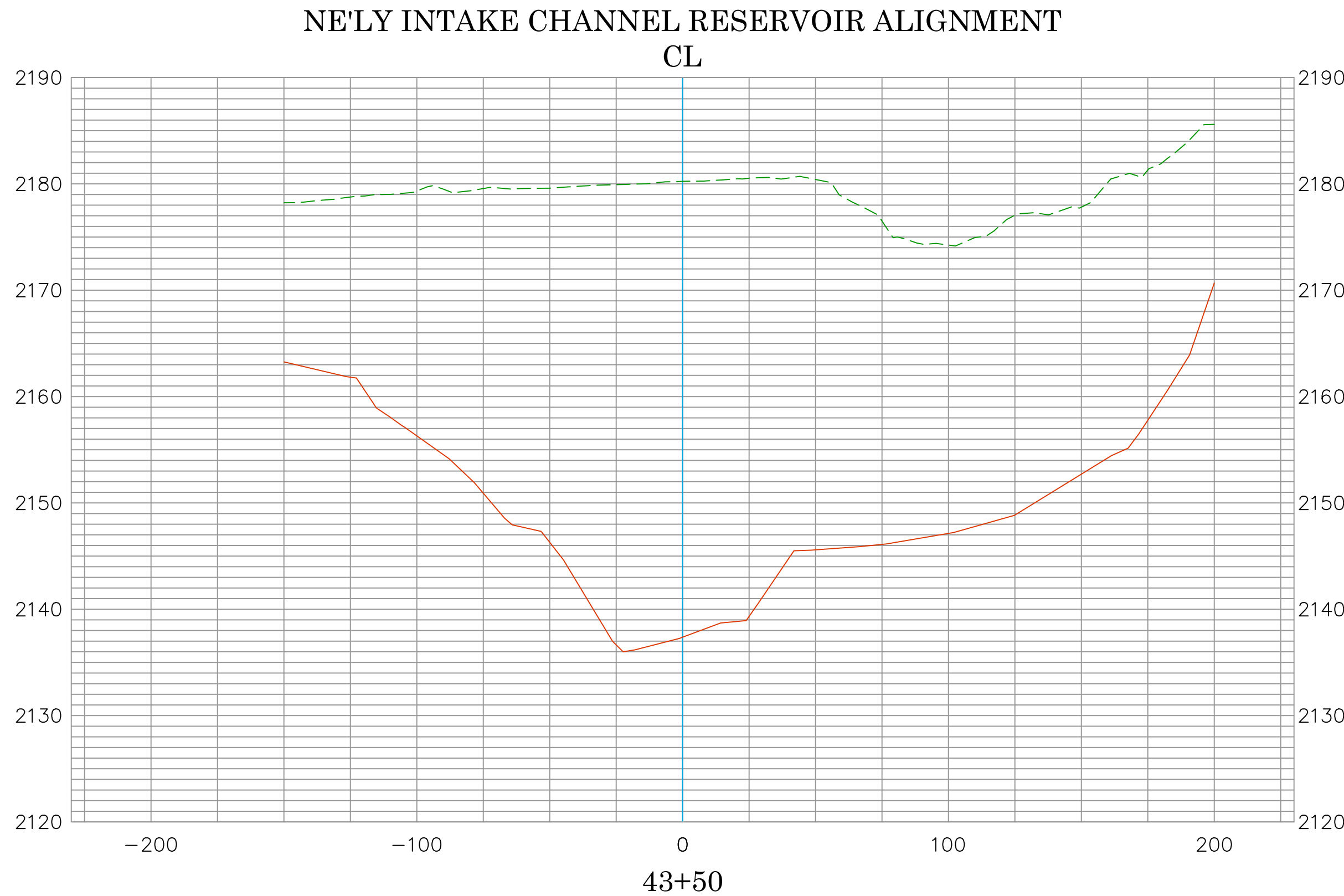
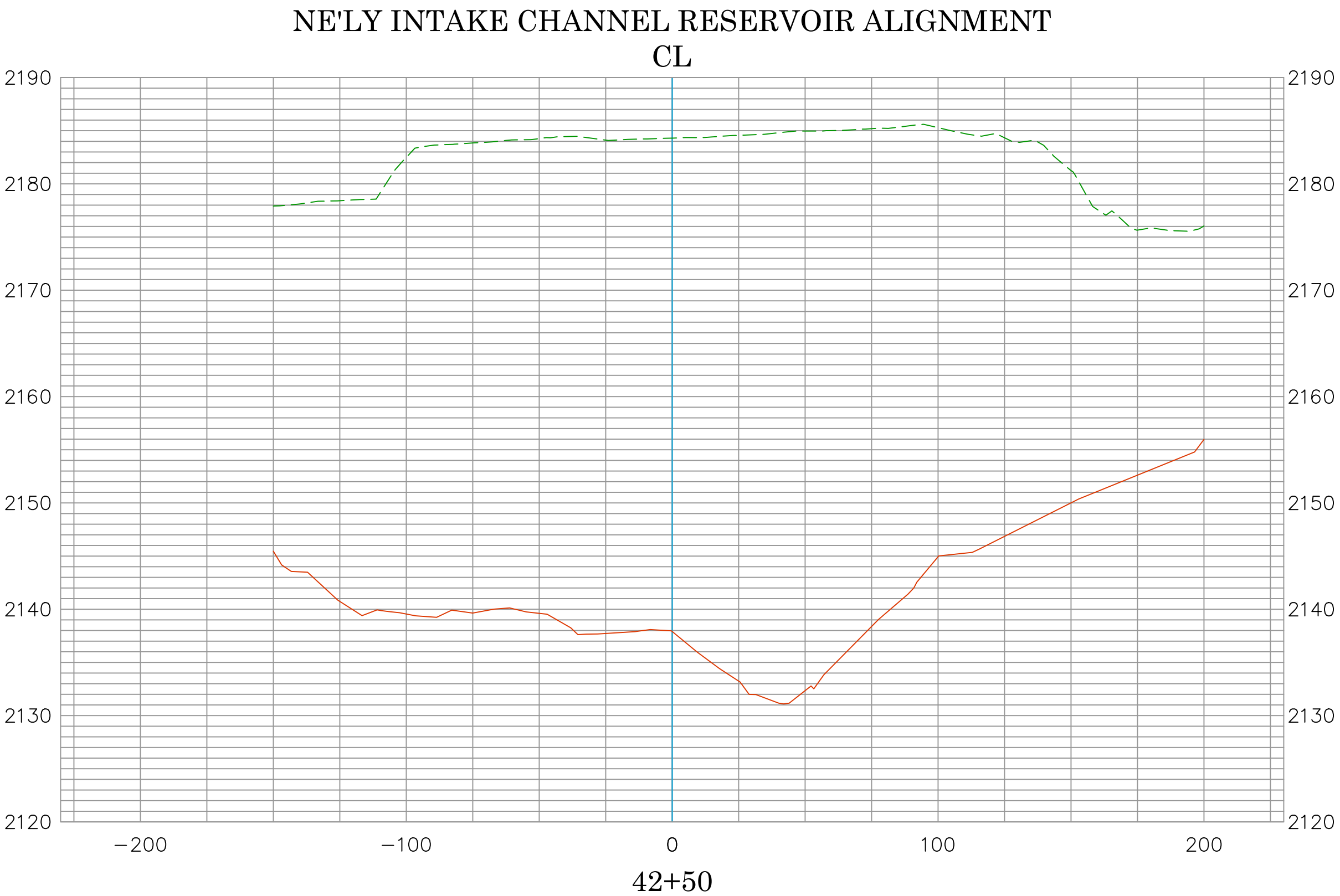
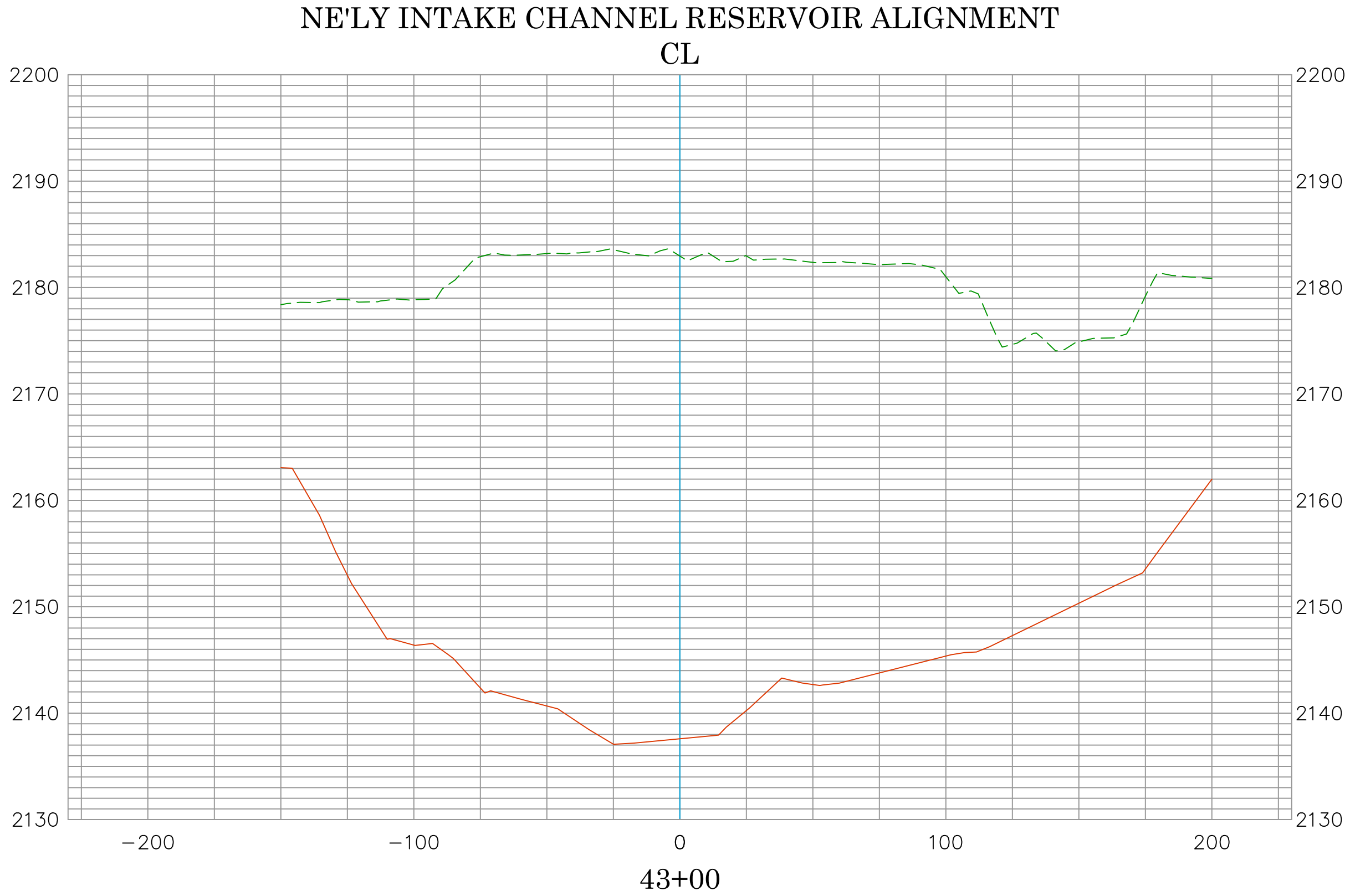
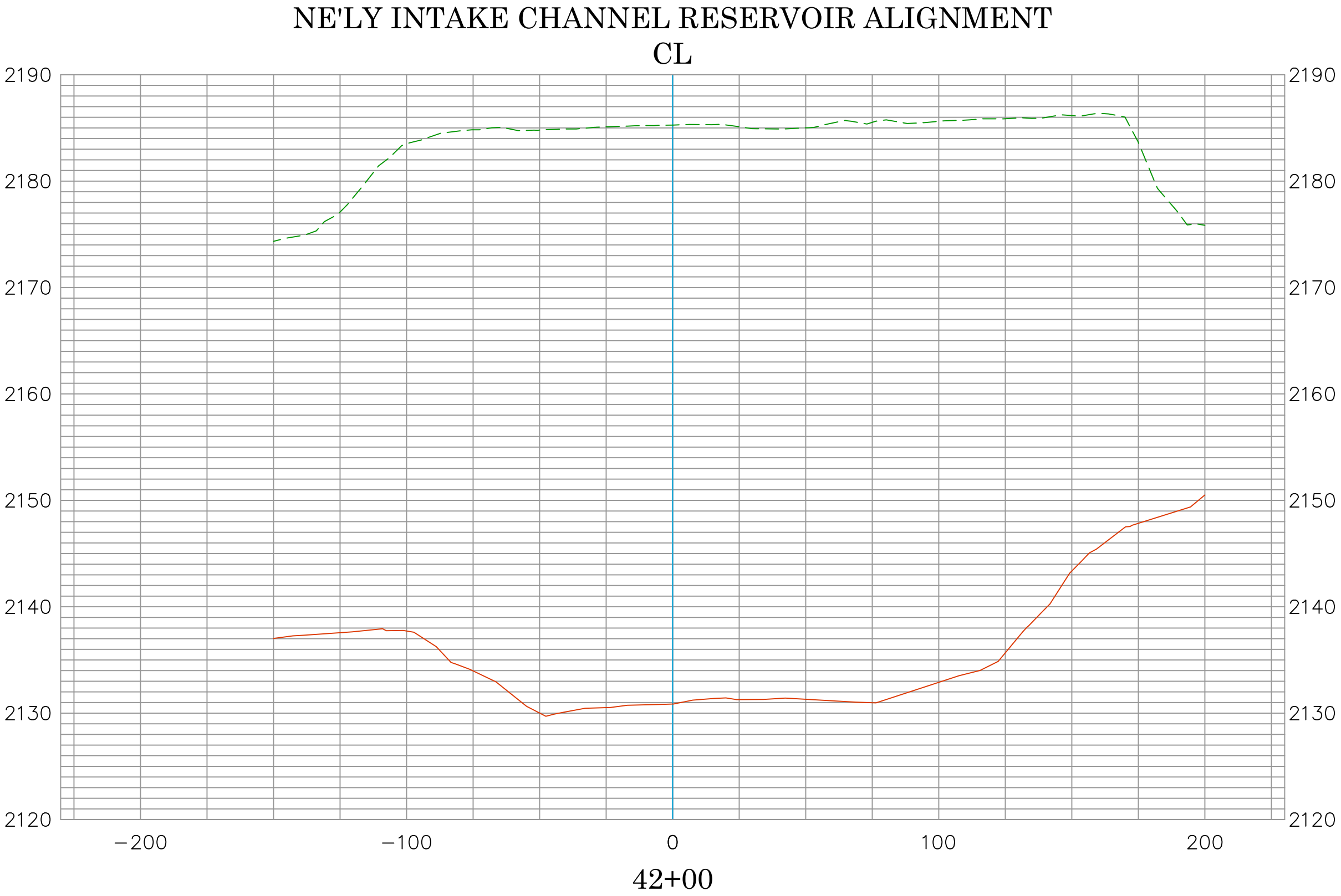


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING					
		SEVEN OAKS DAM 2024 SEDIMENT STUDY					
		SECTIONS					
		PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM					
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY		SHEET NO. 29 of 43	
		MAPPING		BY: J. PEDRETTI			
		OFFICE CHECK		BY: D. BUSH, PLS			
		FIELD CHECK		BY: N/A			
		MARK	DATE	ITEM			
		REVISIONS					
SCALE: 1"=100'		W.O. # EF40059		FILE # 2324PW-FP0003			
FILE: SEVEN_OAKS_SECTIONS_2024.DWG							

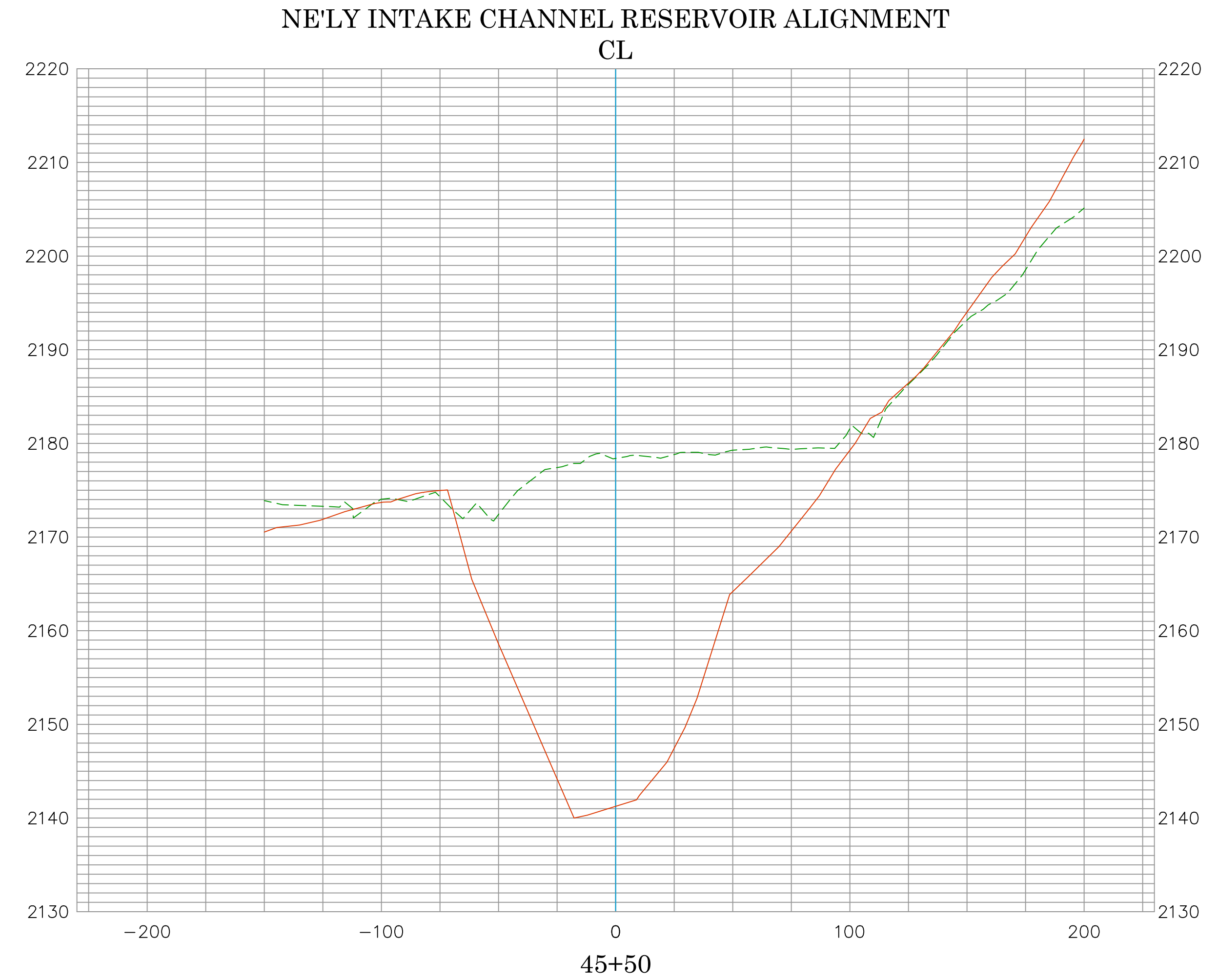
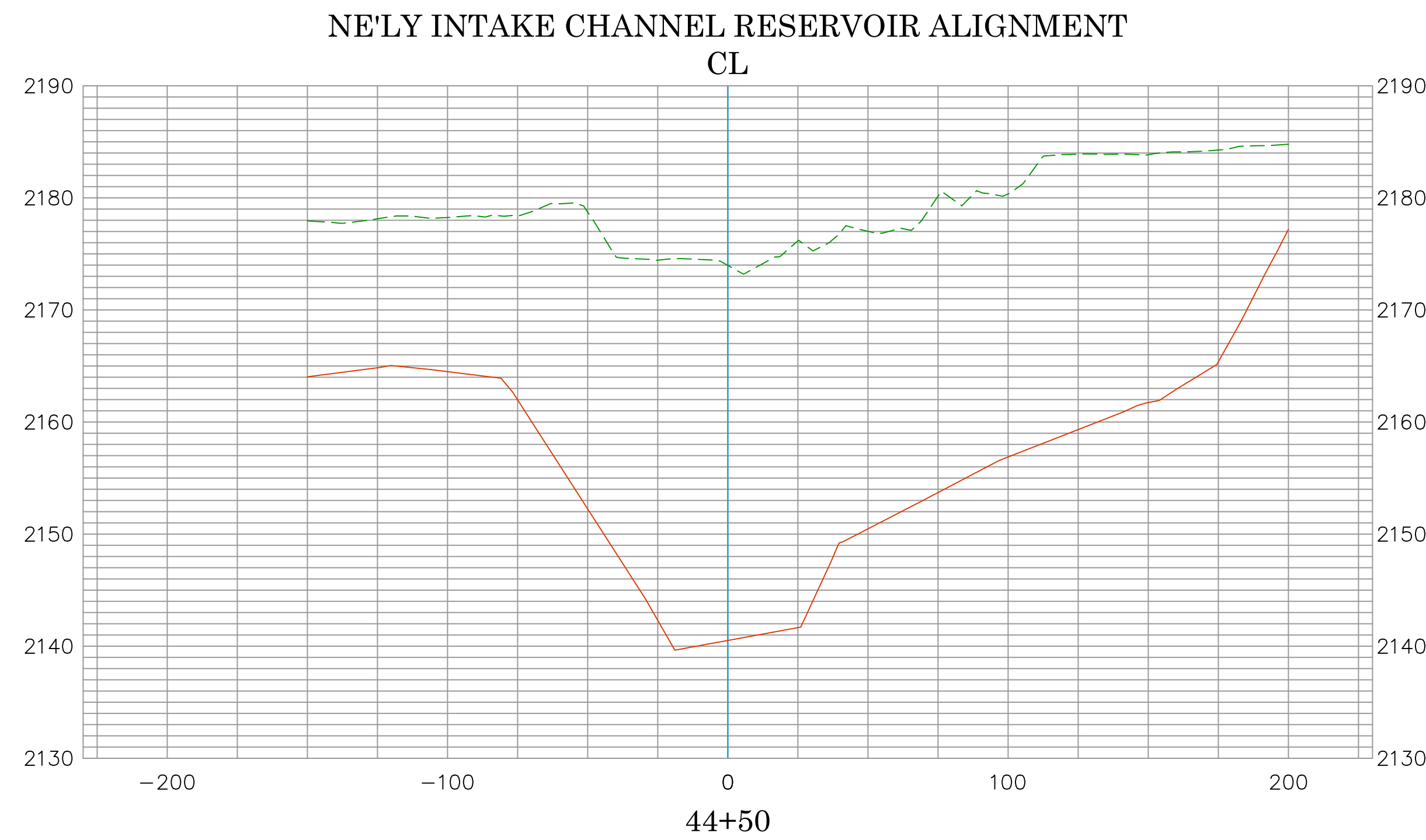
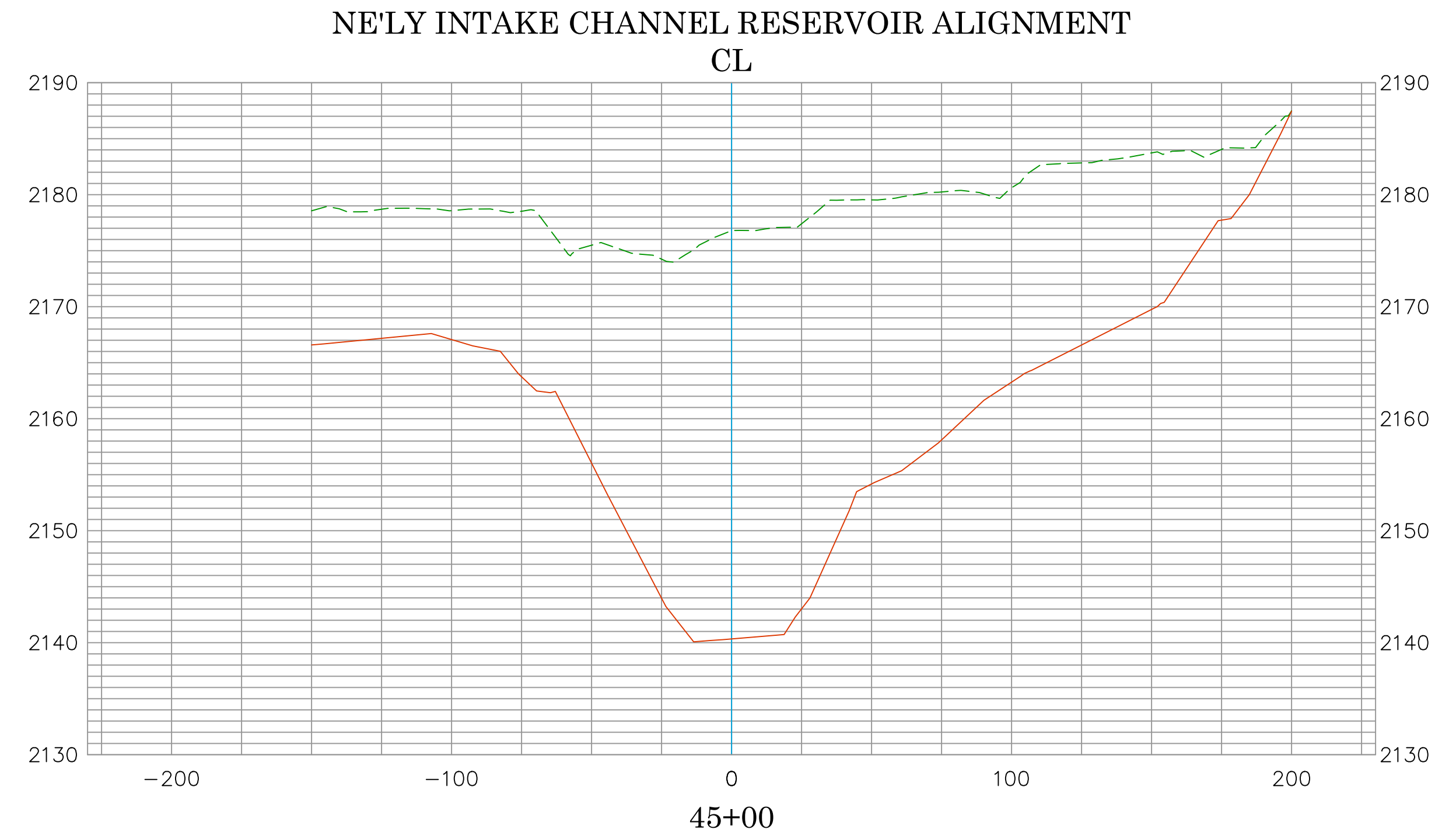
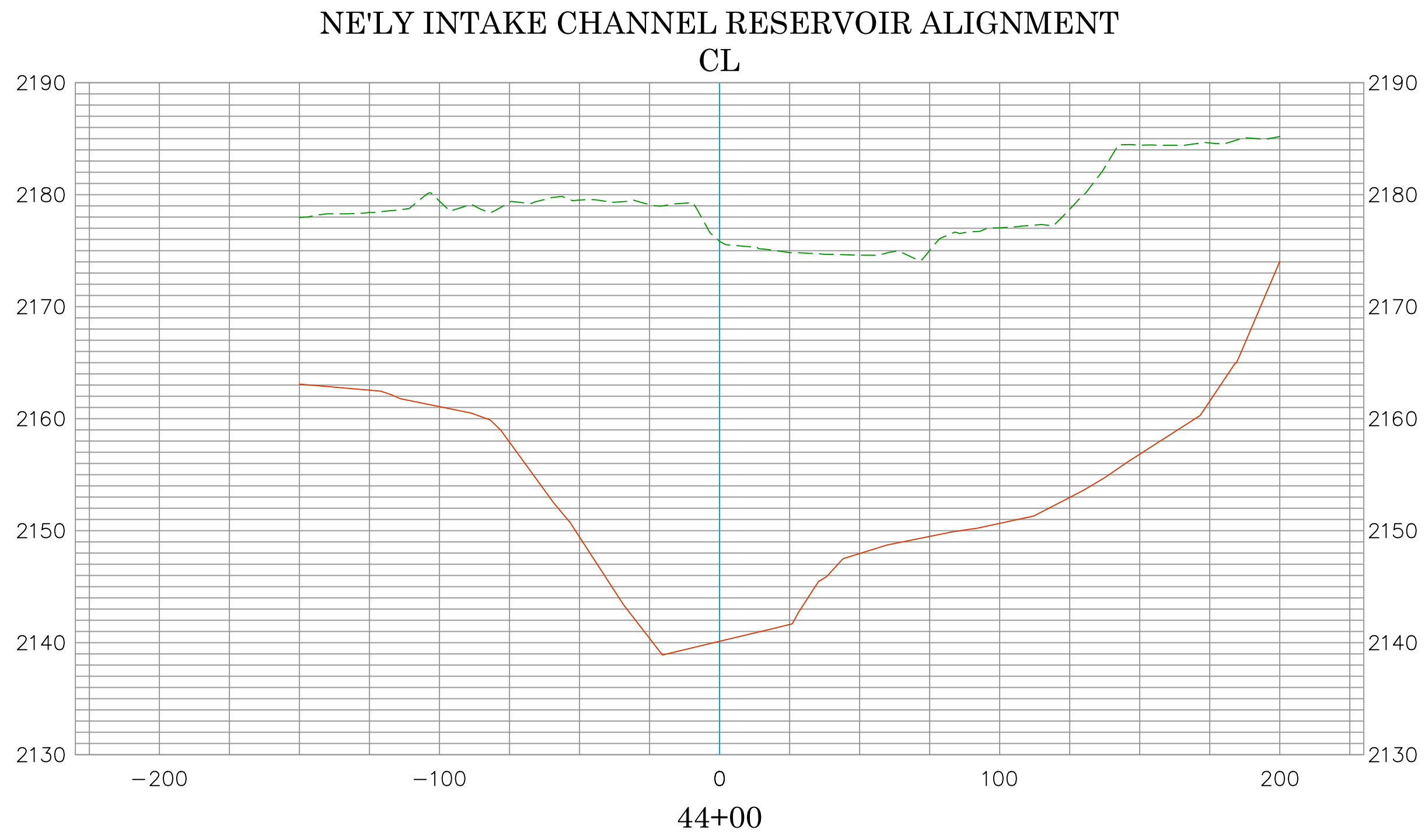


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024

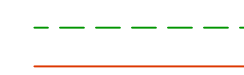


Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	SHEET NO. 30 of 43
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
		MARK	DATE	ITEM	REVISIONS

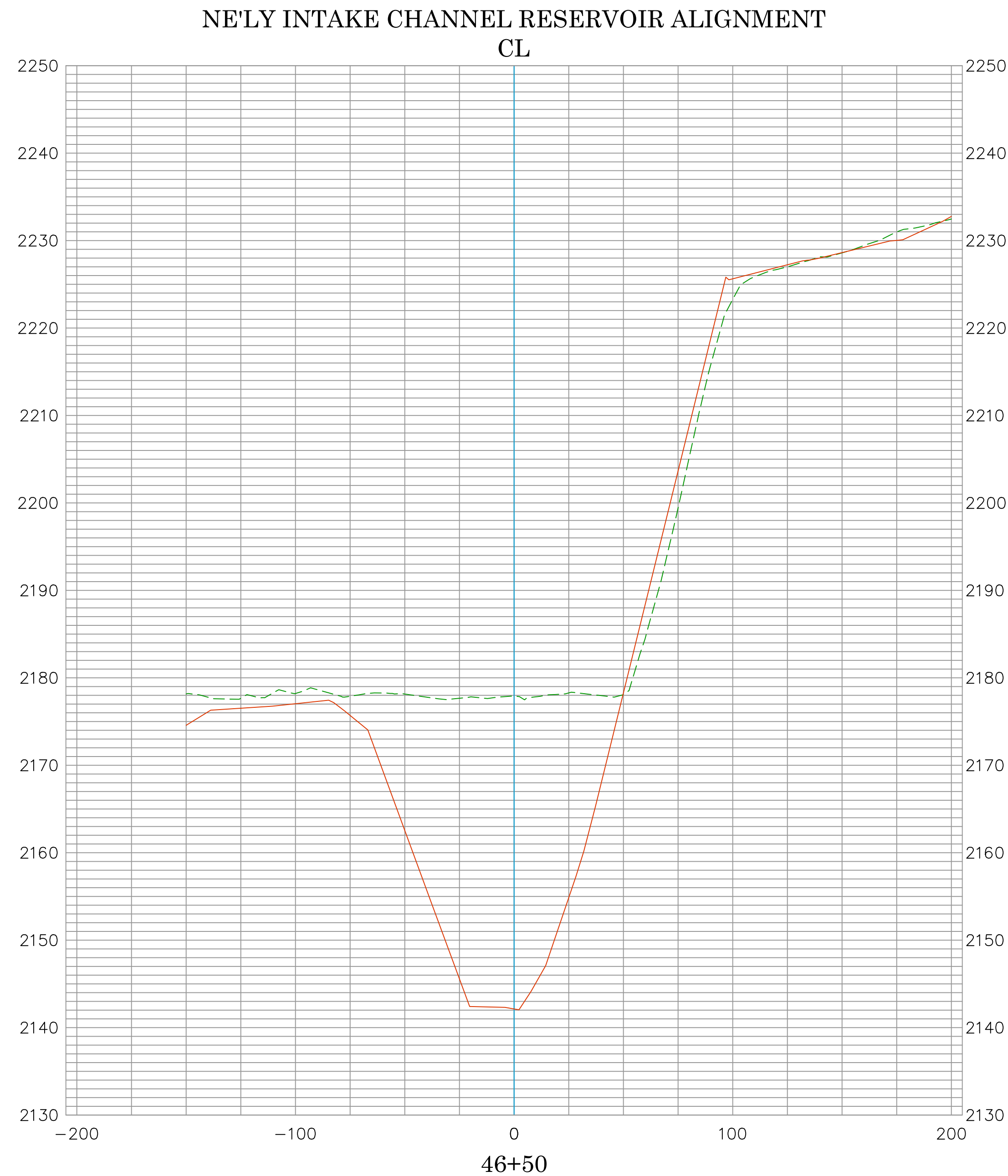
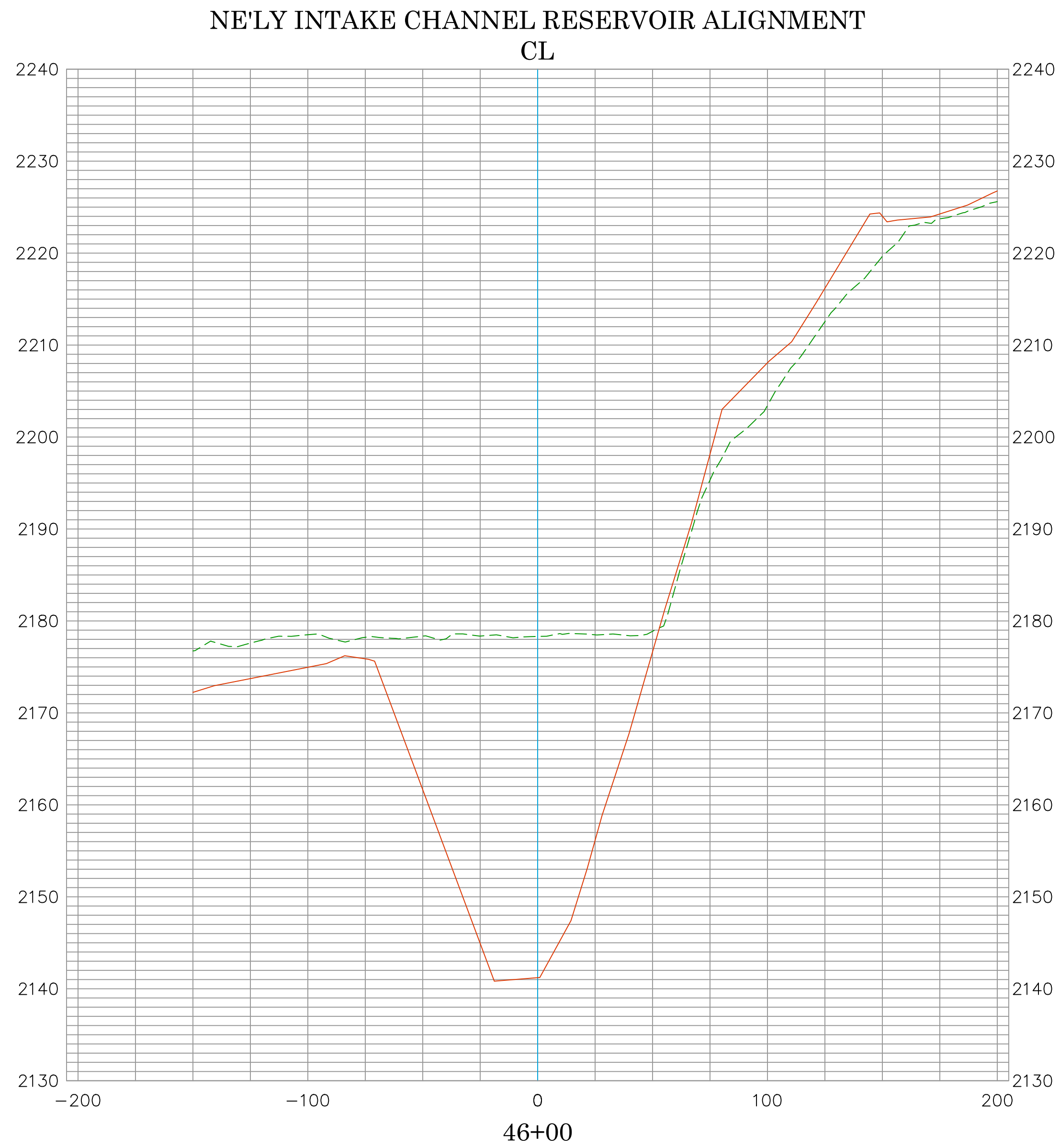


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024



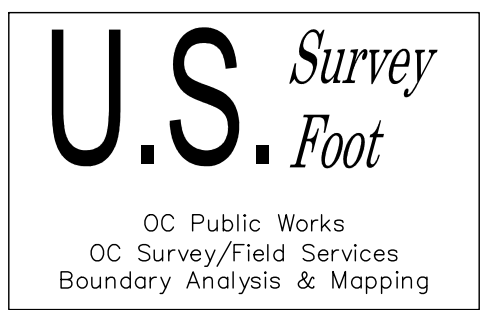
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Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
MARK	DATE	ITEM	MAPPING		SHEET NO. 31 of 43
			OFFICE CHECK		
			FIELD CHECK		
			SCALE: 1"=100' W.O. #EF40059 FILE # 2324PW-FP0003		
REVISIONS		FILE: SEVEN_OAKS_SECTIONS_2024.DWG			

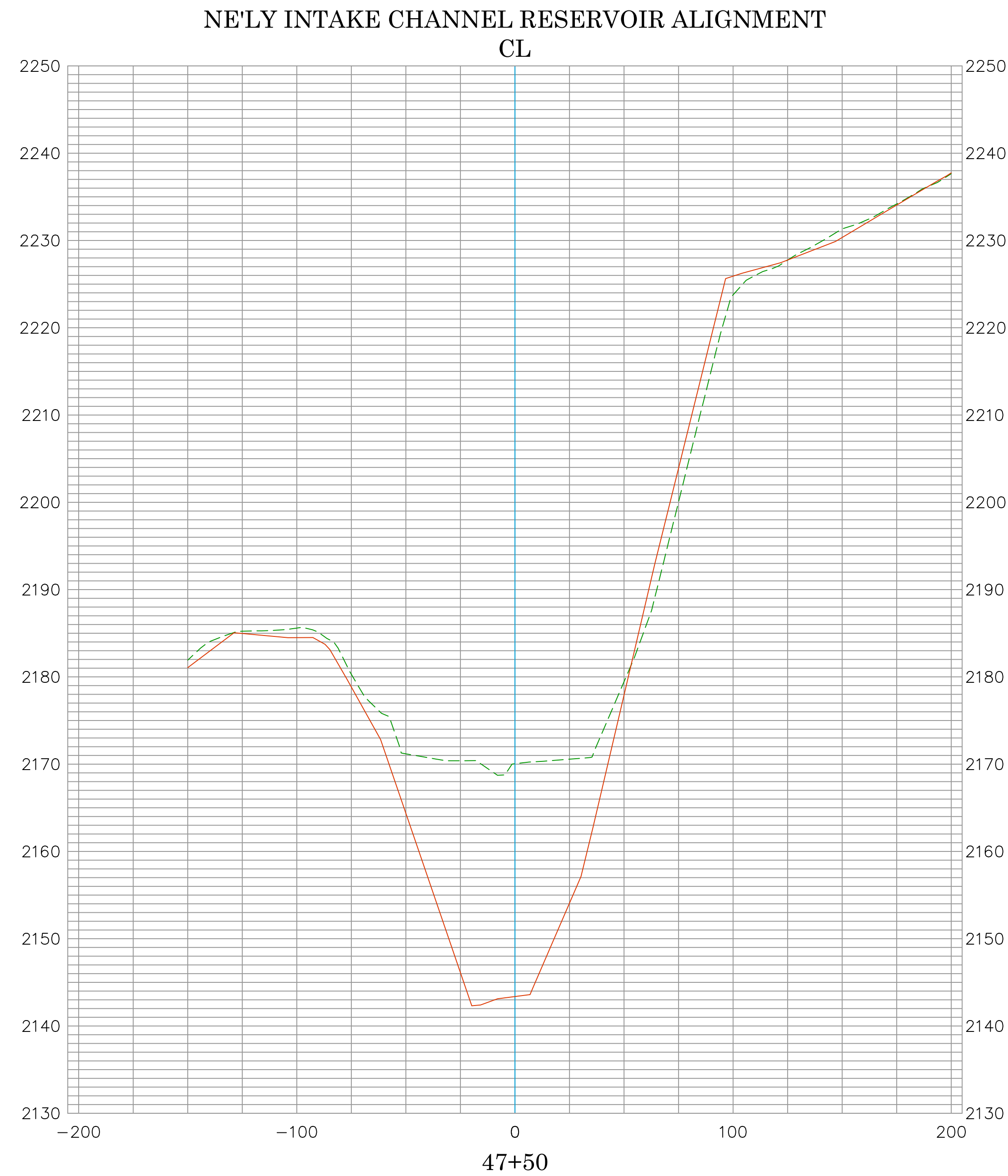
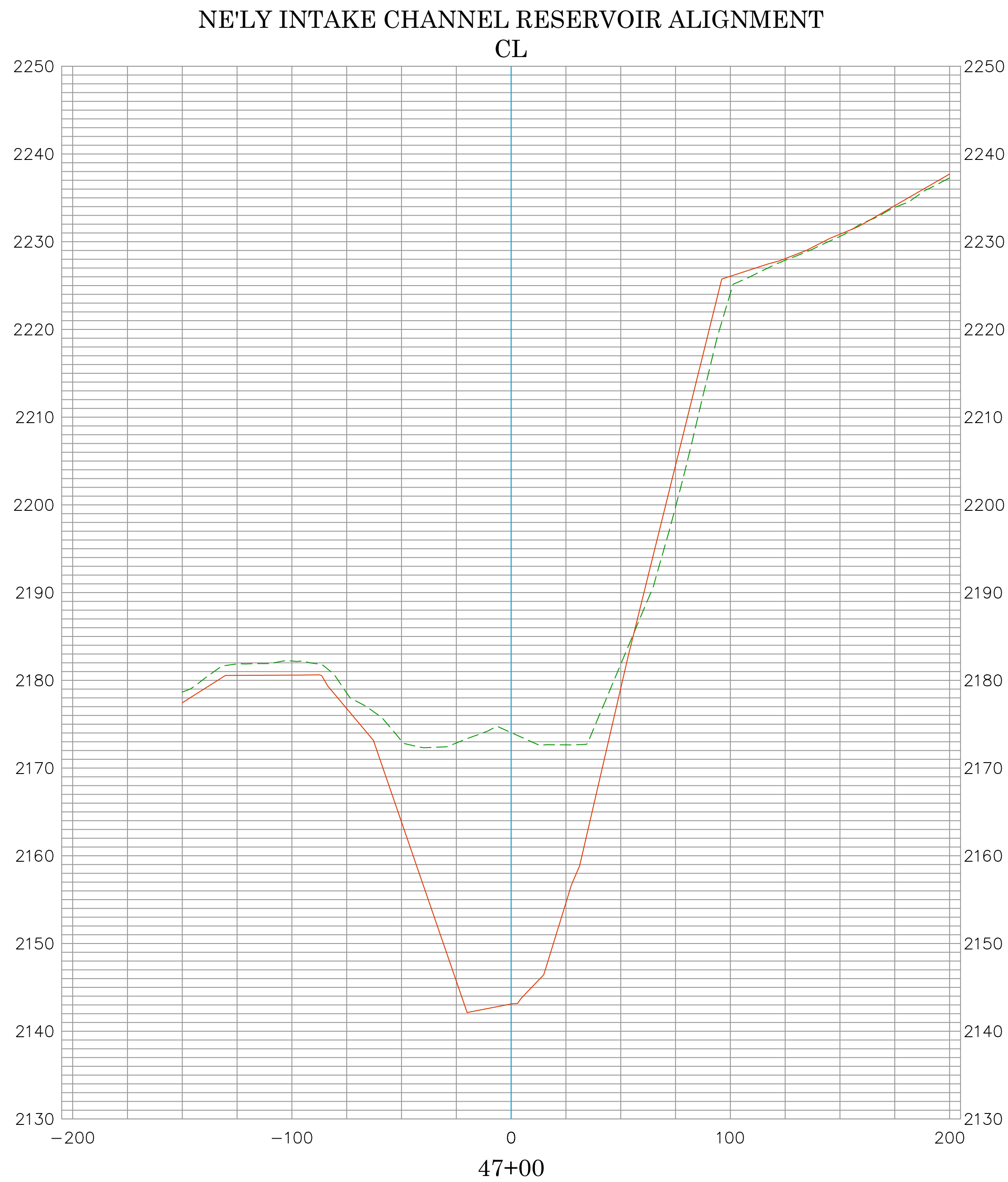


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

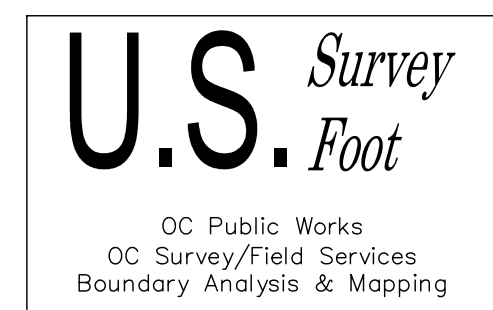


		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
		FILE: SEVEN_OAKS_SECTIONS_2024.DWG			
MARK	DATE	ITEM		SHEET NO. 32 of 43	
REVISIONS					



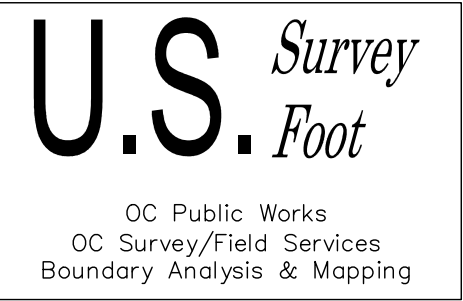
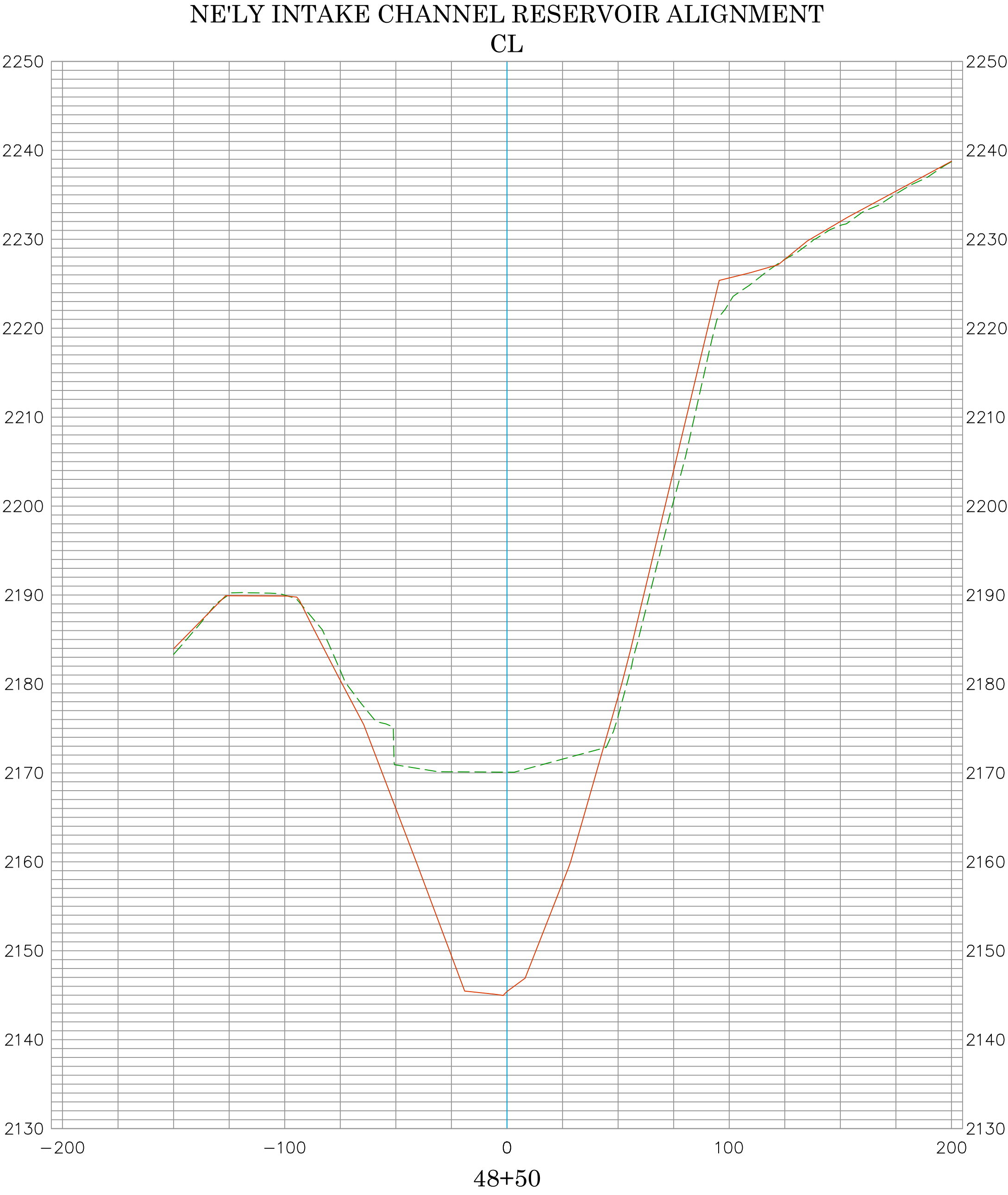
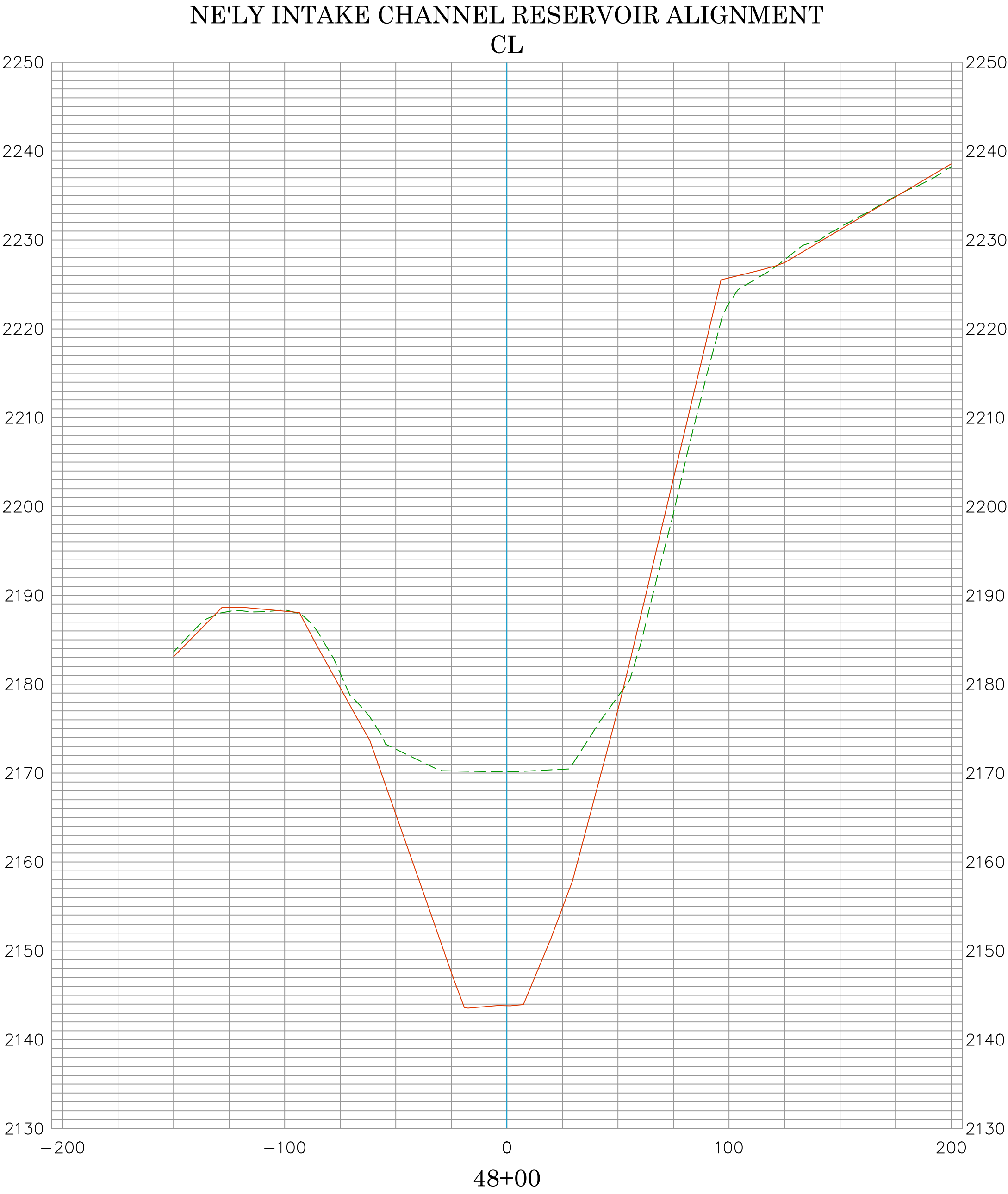
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SEVEN OAKS DAM 2024 SEDIMENT STUDY						
SECTIONS						
PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM						
DATE OF SURVEY: JULY 2024			BY: K. MARTINEZ & PARTY		SHEET NO. 33 of 43	
MAPPING			BY: J. PEDRETTI			
OFFICE CHECK			BY: D. BUSH, PLS			
FIELD CHECK			BY: N/A			
MARK	DATE	ITEM	SCALE: 1"=100' W.O. #EF40059		FILE # 2324PW-FP0003	
REVISIONS			FILE: SEVEN_OAKS_SECTIONS_2024.DWG			

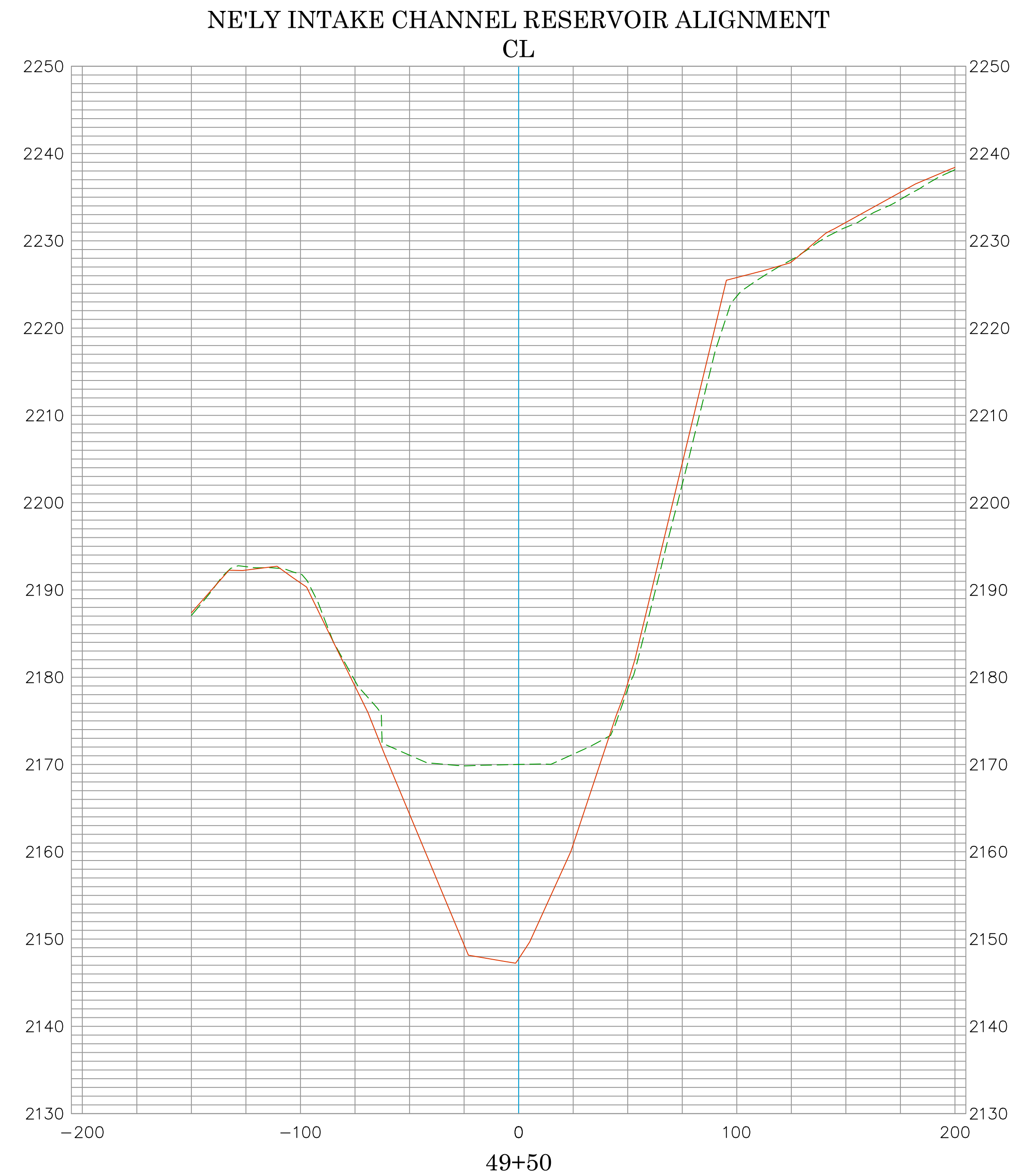
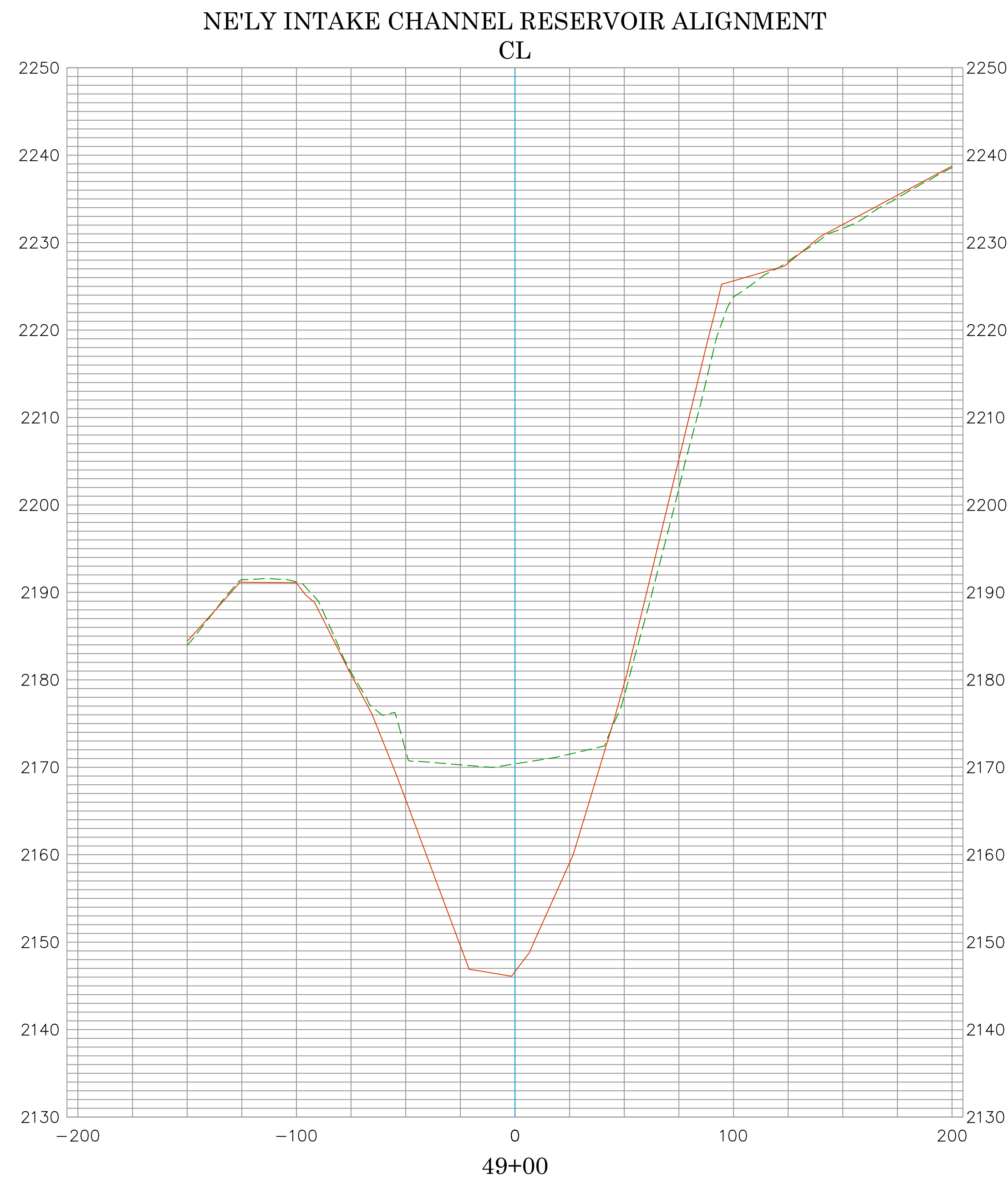


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

				COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
		FILE: SEVEN_OAKS_SECTIONS_2024.DWG		FILE # 2324PW-FP0003	
MARK	DATE	ITEM		SHEET NO. 34 of 43	
REVISIONS					

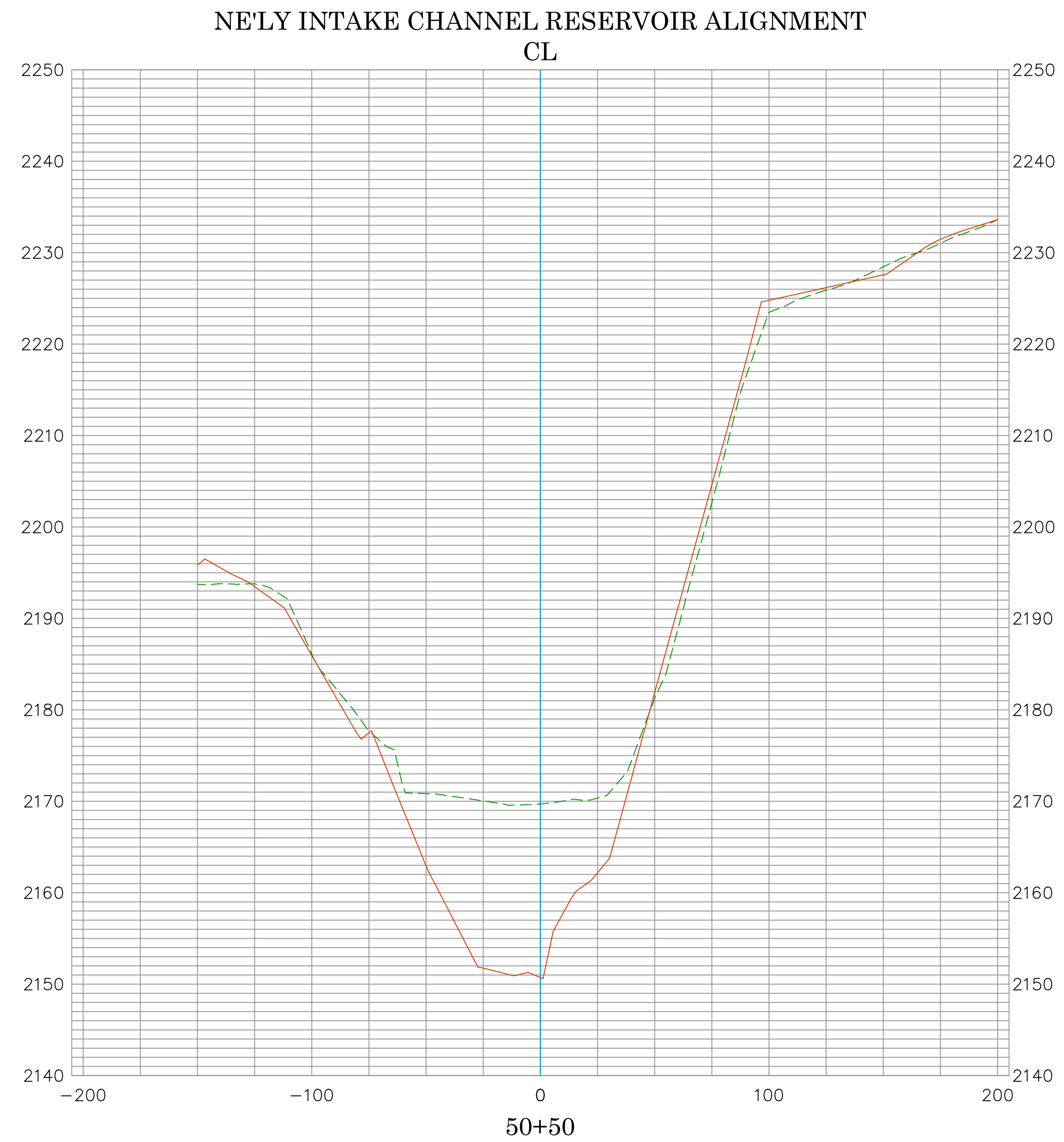
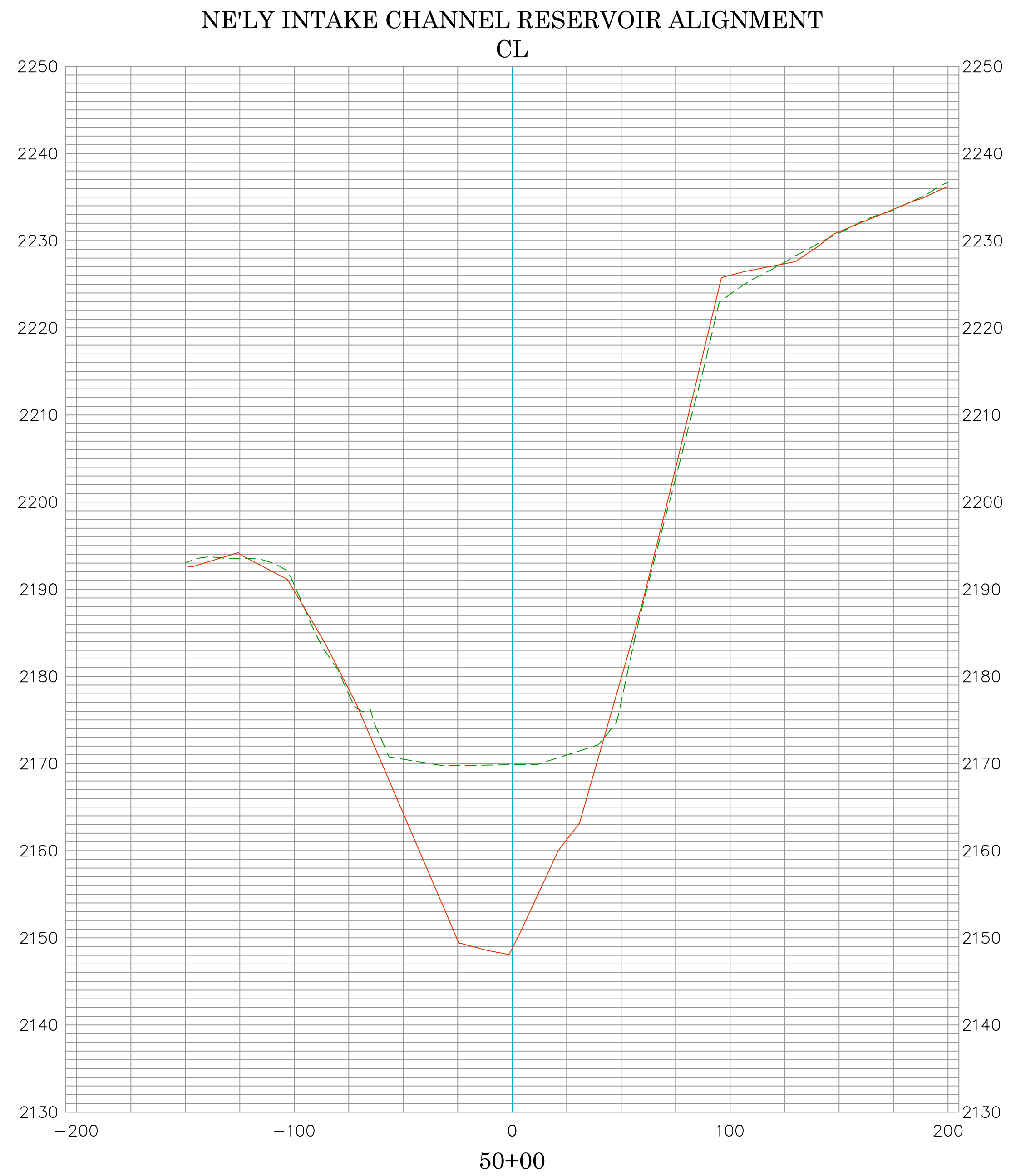


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED: 08/21/2024

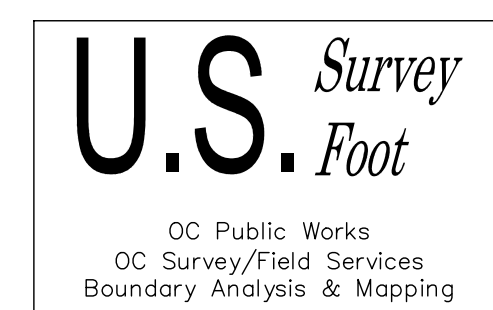
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		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
		FILE: SEVEN_OAKS_SECTIONS_2024.DWG		FILE # 2324PW-FP0003	
MARK	DATE	ITEM		SHEET NO. 35 of 43	
REVISIONS					

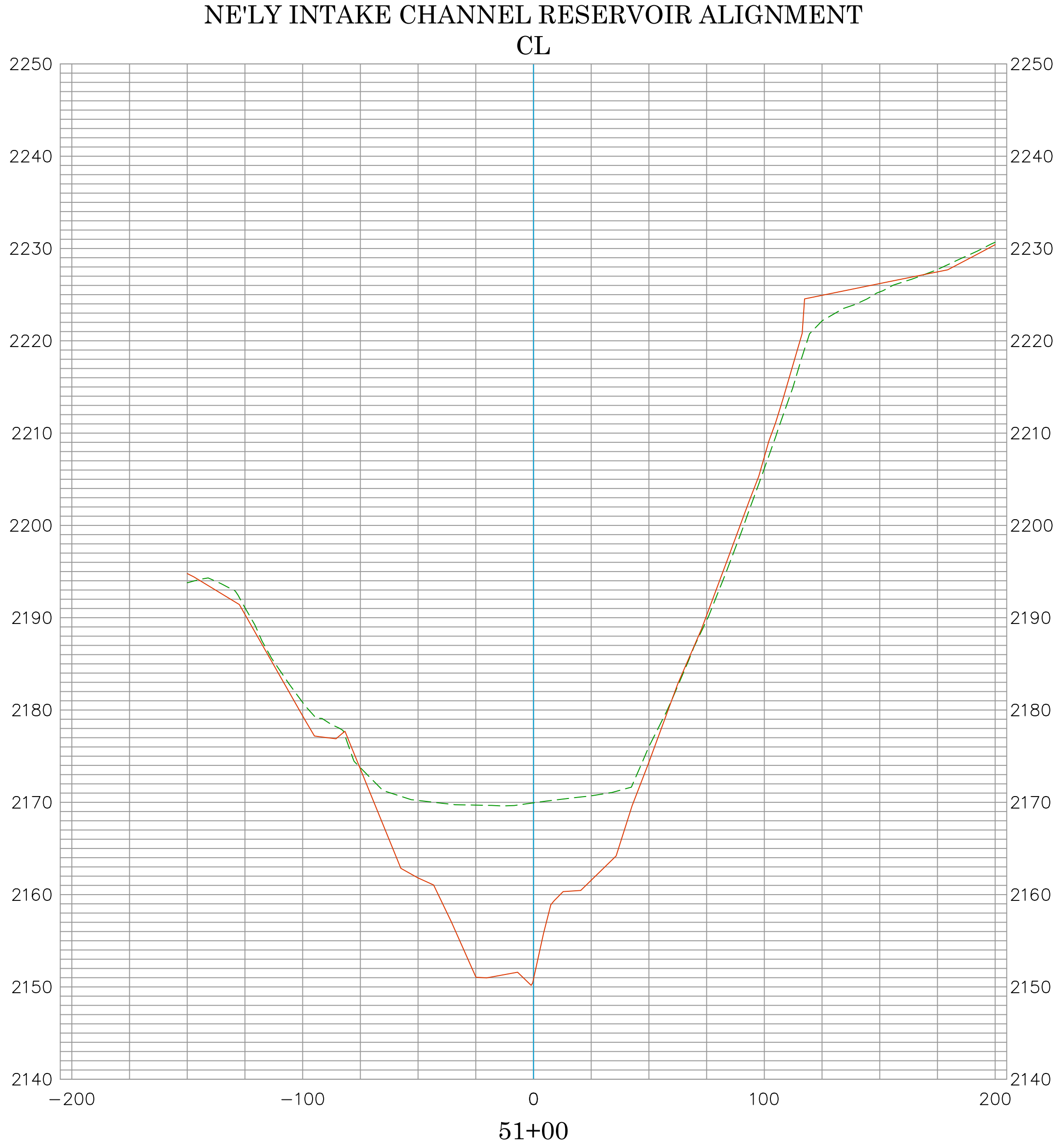


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024

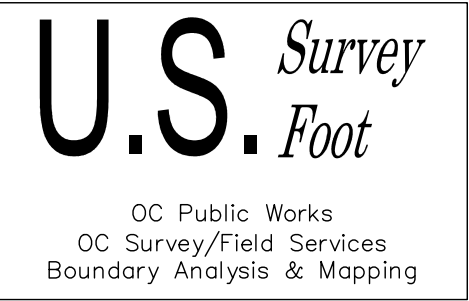
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Hor. Scale: 1"=40'



		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
		FILE: SEVEN_OAKS_SECTIONS_2024.DWG		FILE # 2324PW-FP0003	
MARK	DATE	ITEM		SHEET NO. 36 of 43	
REVISIONS					

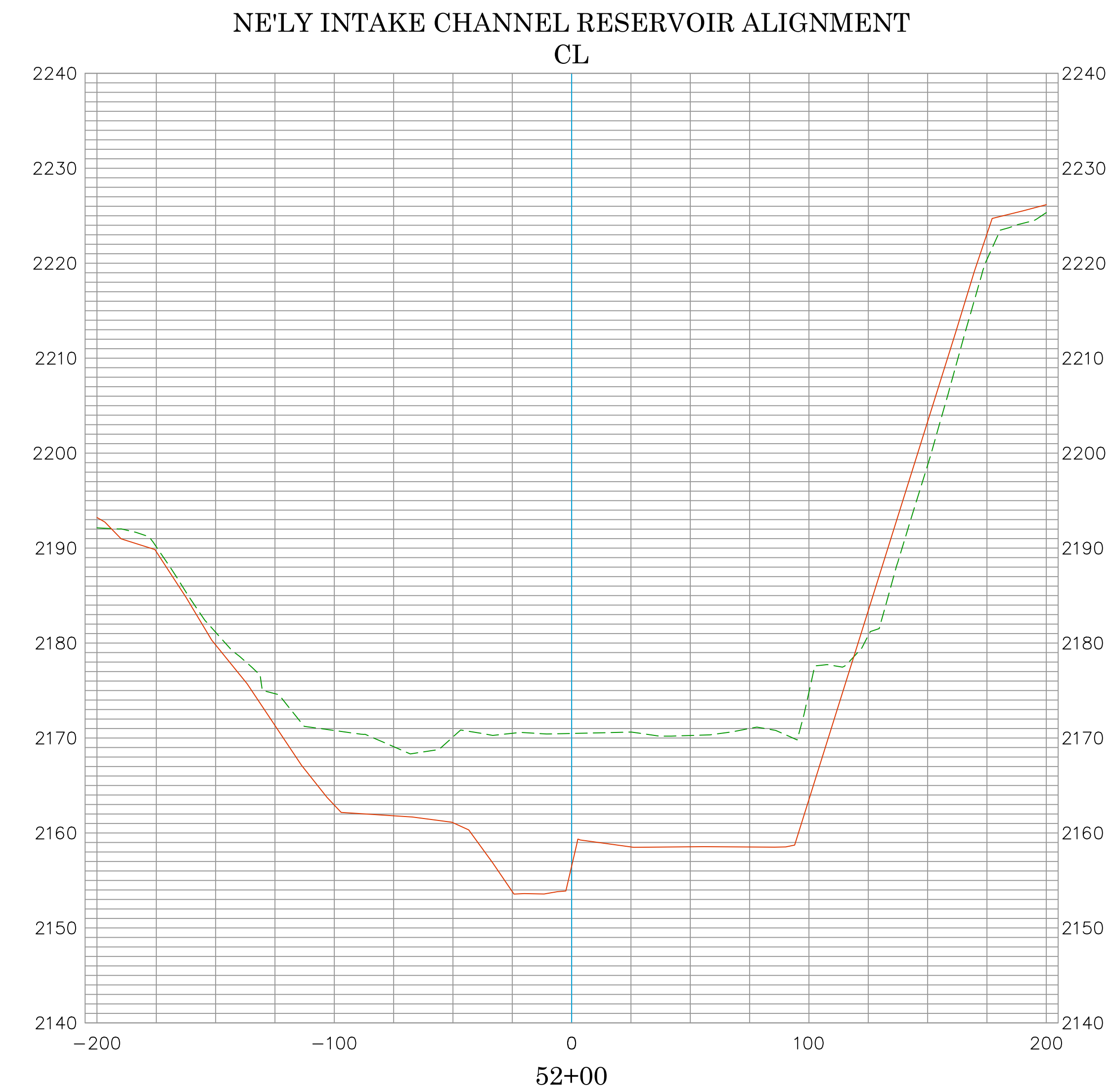
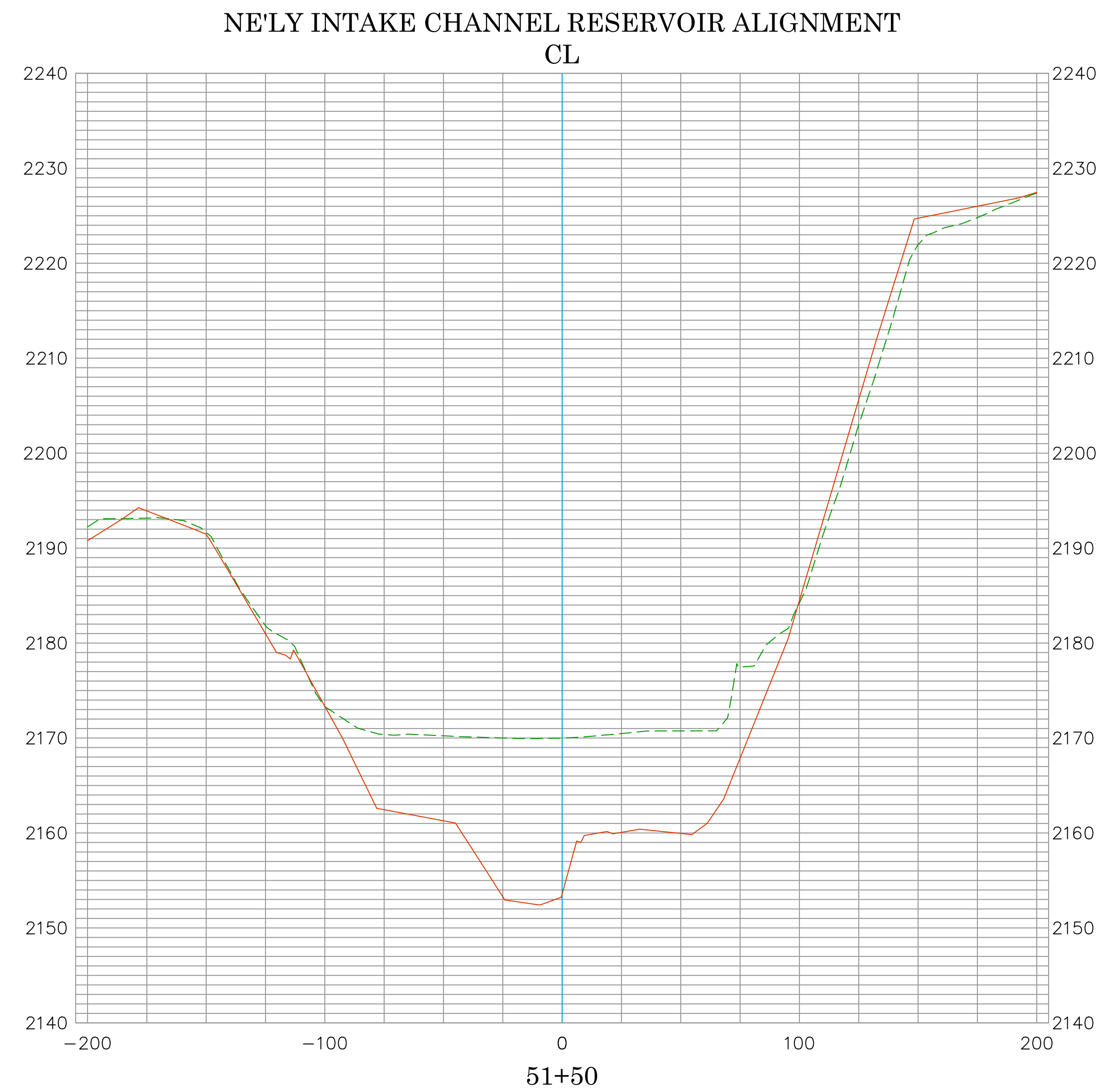


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024

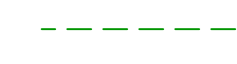


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Hor. Scale: 1"=40'

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			SEVEN OAKS DAM 2024 SEDIMENT STUDY		
			SECTIONS		
			PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM		
			DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY	SHEET NO. 37 of 43
			MAPPING	BY: J. PEDRETTI	
			OFFICE CHECK	BY: D. BUSH, PLS	
			FIELD CHECK	BY: N/A	
MARK	DATE	ITEM	SCALE: 1"=100'	W.O. #EF40059	FILE #2324PW-FP0003
REVISIONS			FILE: SEVEN_OAKS_SECTIONS_2024.DWG		

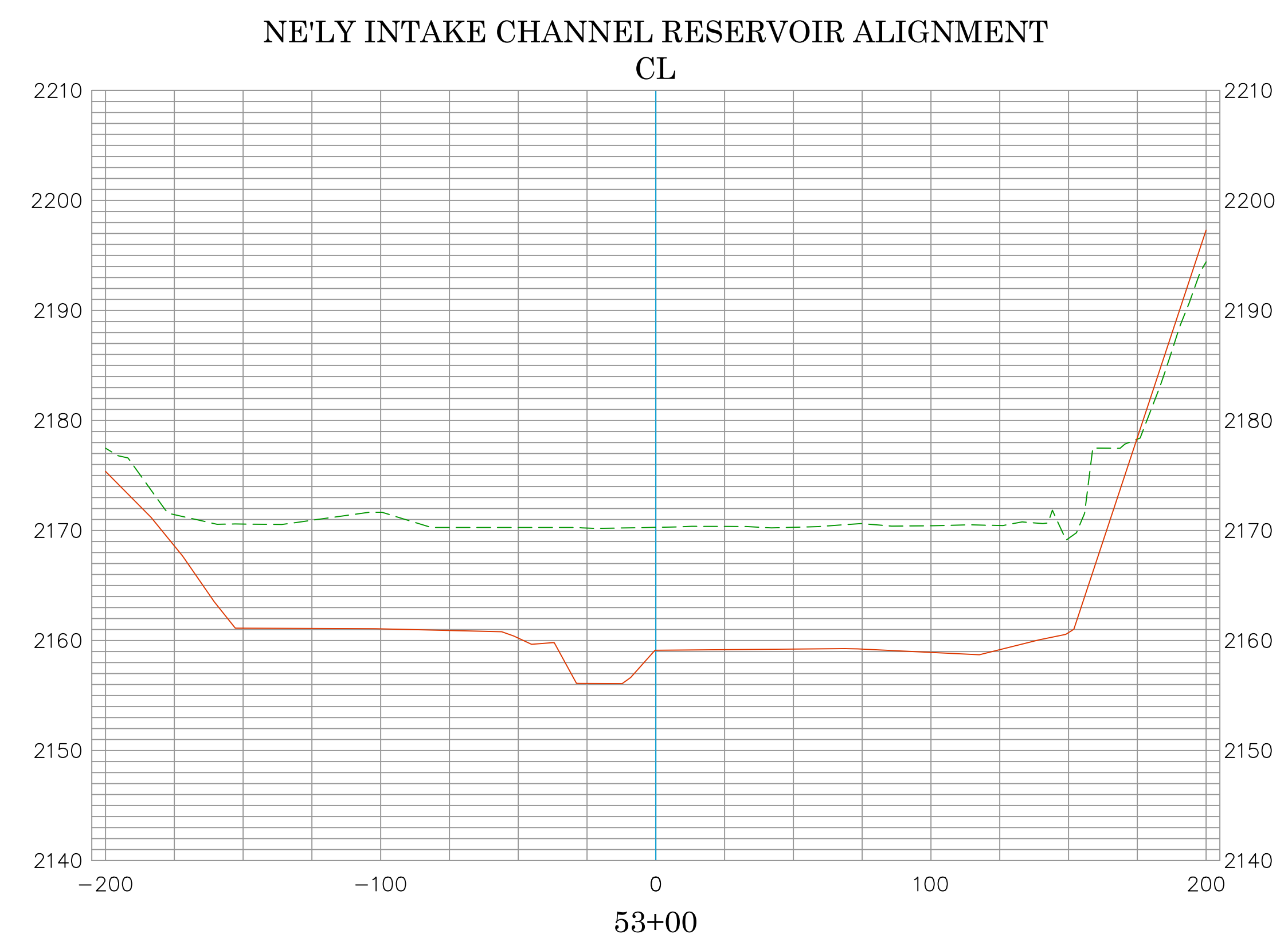
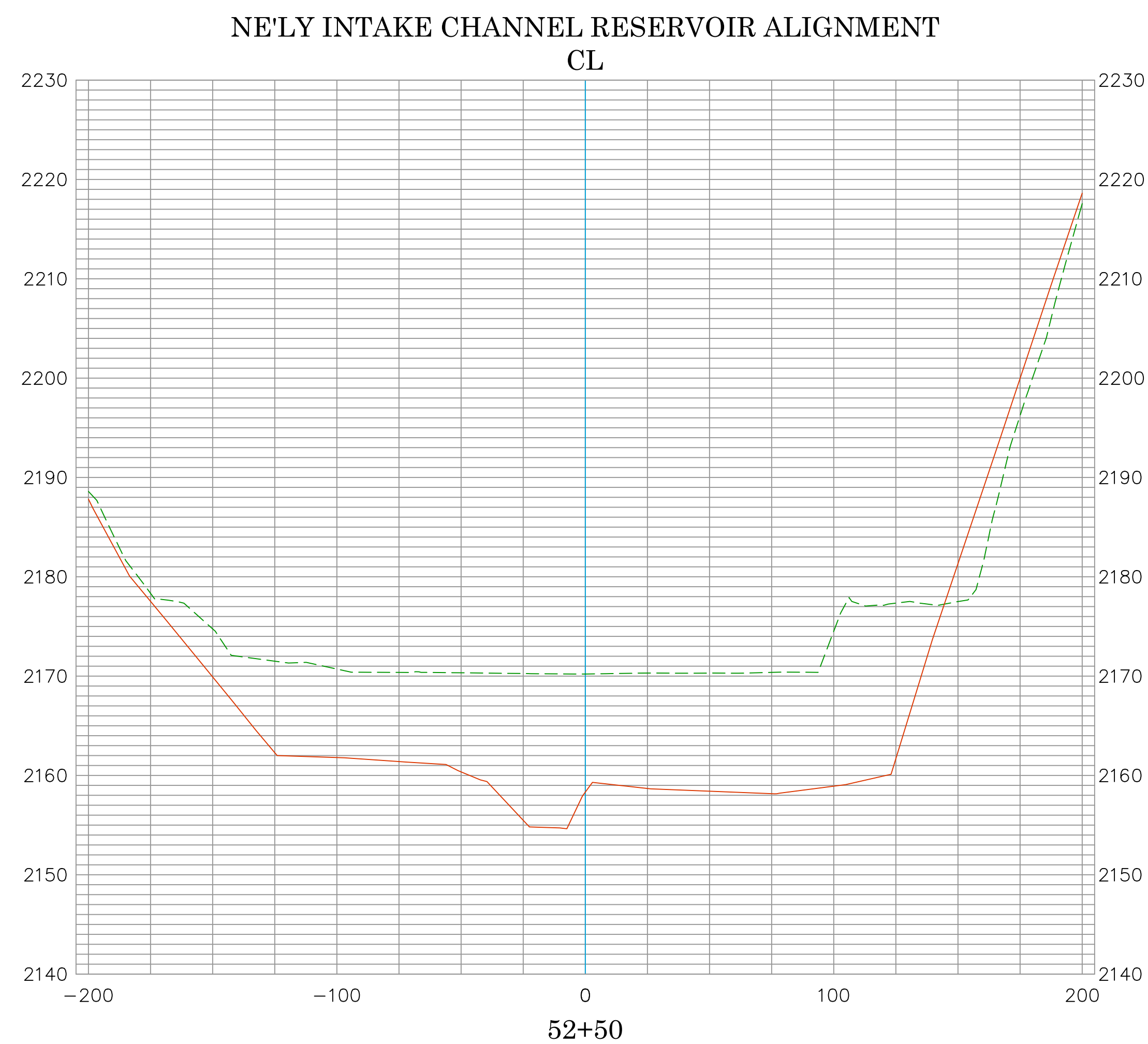


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED: 08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY		SHEET NO. 38 of 43
		MAPPING	BY: J. PEDRETTI		
		OFFICE CHECK	BY: D. BUSH, PLS		
		FIELD CHECK	BY: N/A		
MARK	DATE	ITEM	SCALE: 1"=100'	W.O. #EF40059	FILE # 2324PW-FP0003
		REVISIONS	FILE: SEVEN OAKS_SECTIONS_2024.DWG		



EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

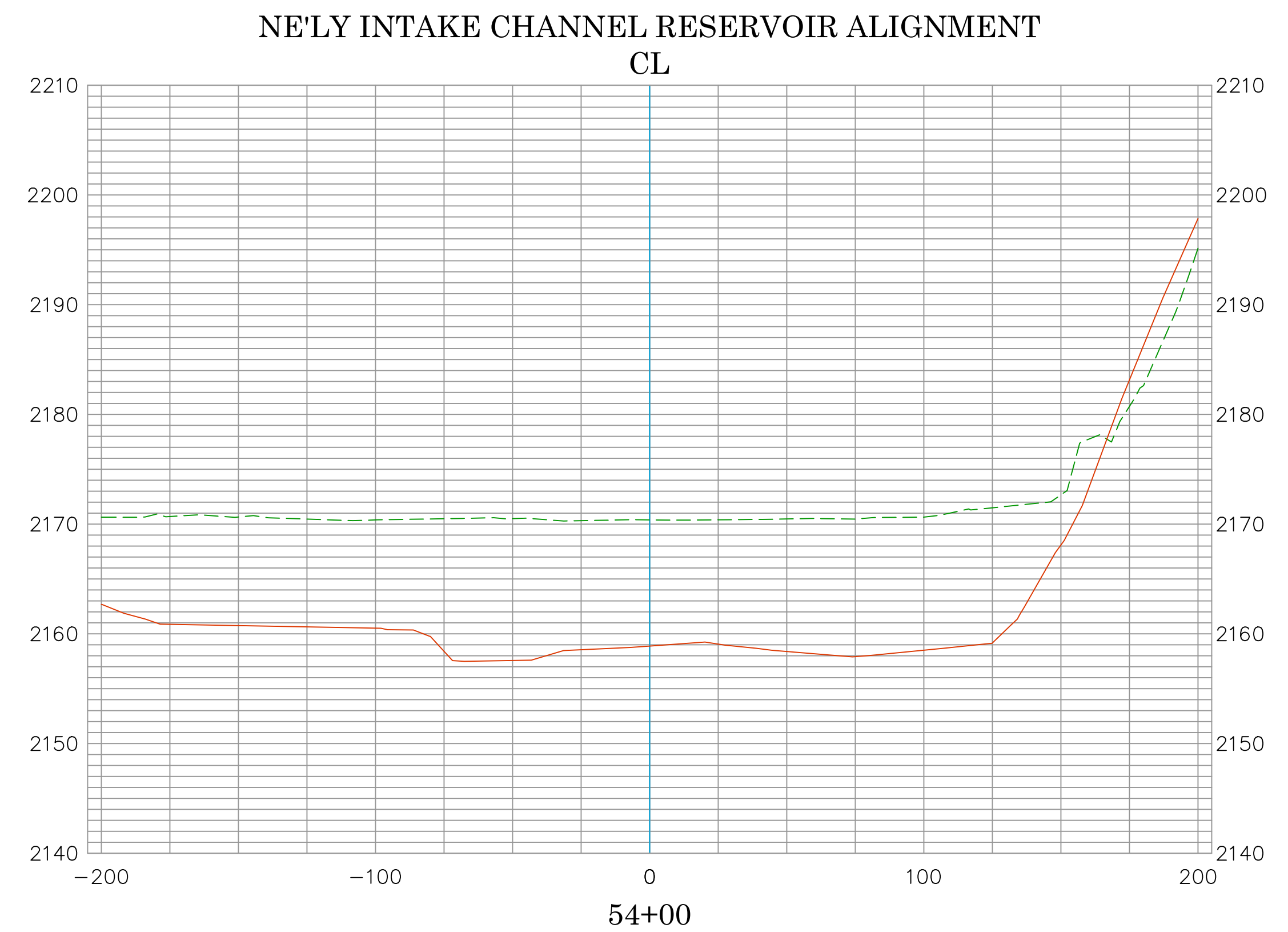
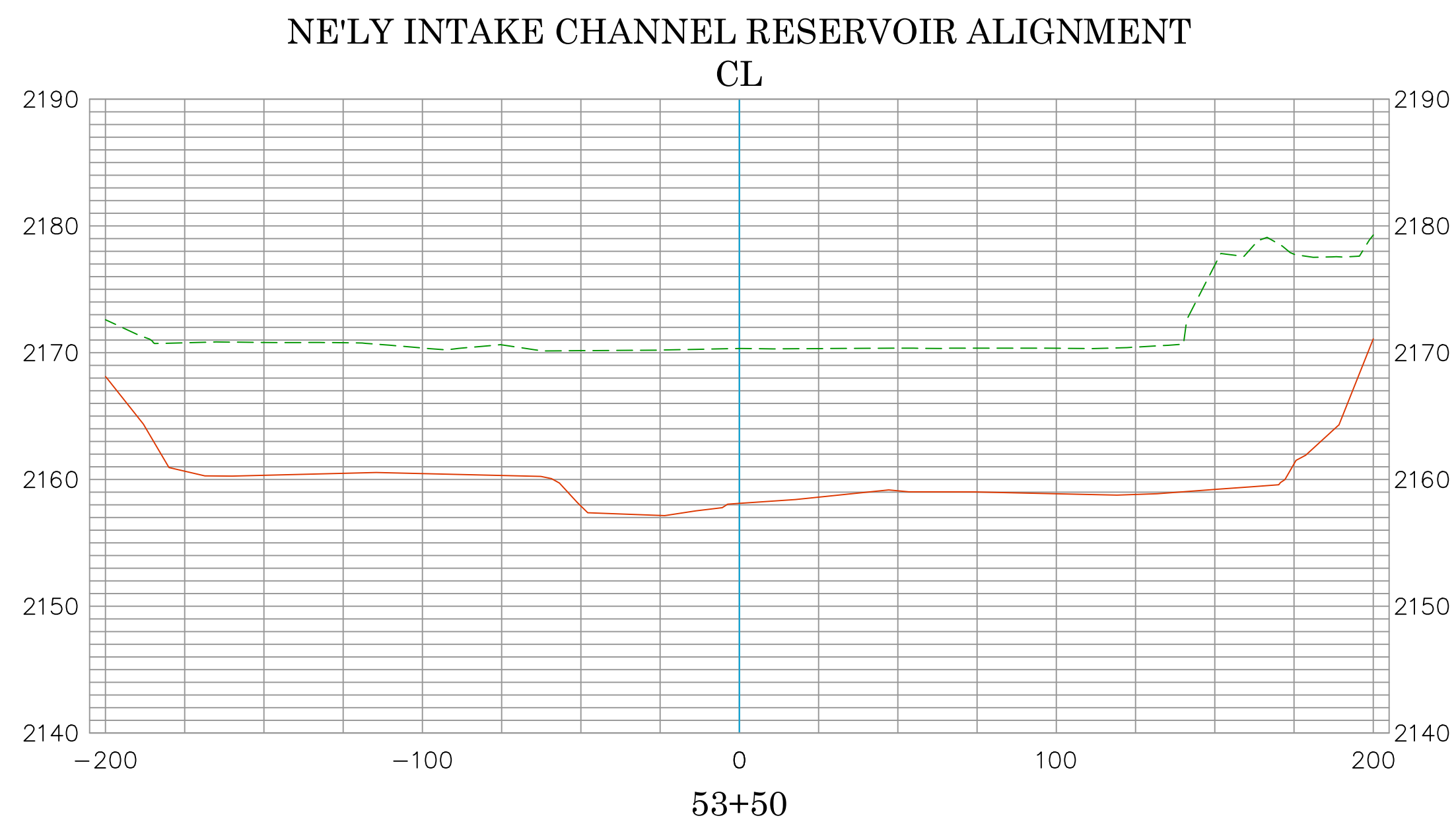
DATE PREPARED:08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SEVEN OAKS DAM 2024 SEDIMENT STUDY			
SECTIONS			
PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM			
DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
MAPPING		BY: J. PEDRETTI	
OFFICE CHECK		BY: D. BUSH, PLS	
FIELD CHECK		BY: N/A	
SCALE: 1"=100'		W.O. #EF40059	FILE #2324PW-FP0003
FILE: SEVEN_OAKS_SECTIONS_2024.DWG			
MARK	DATE	ITEM	
REVISIONS			

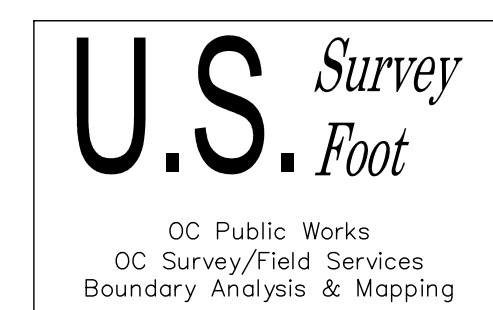
SHEET NO.
39
of
43



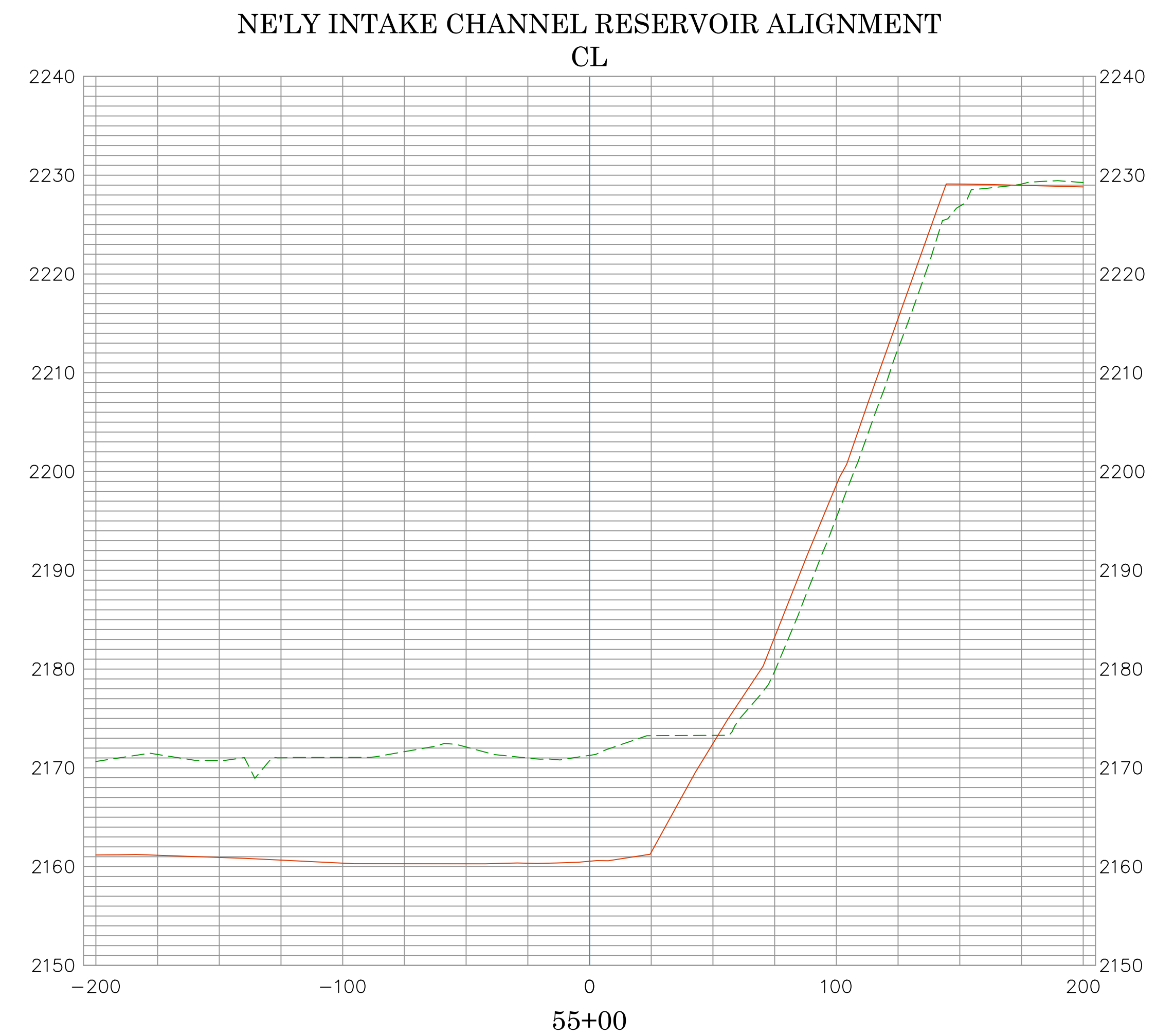
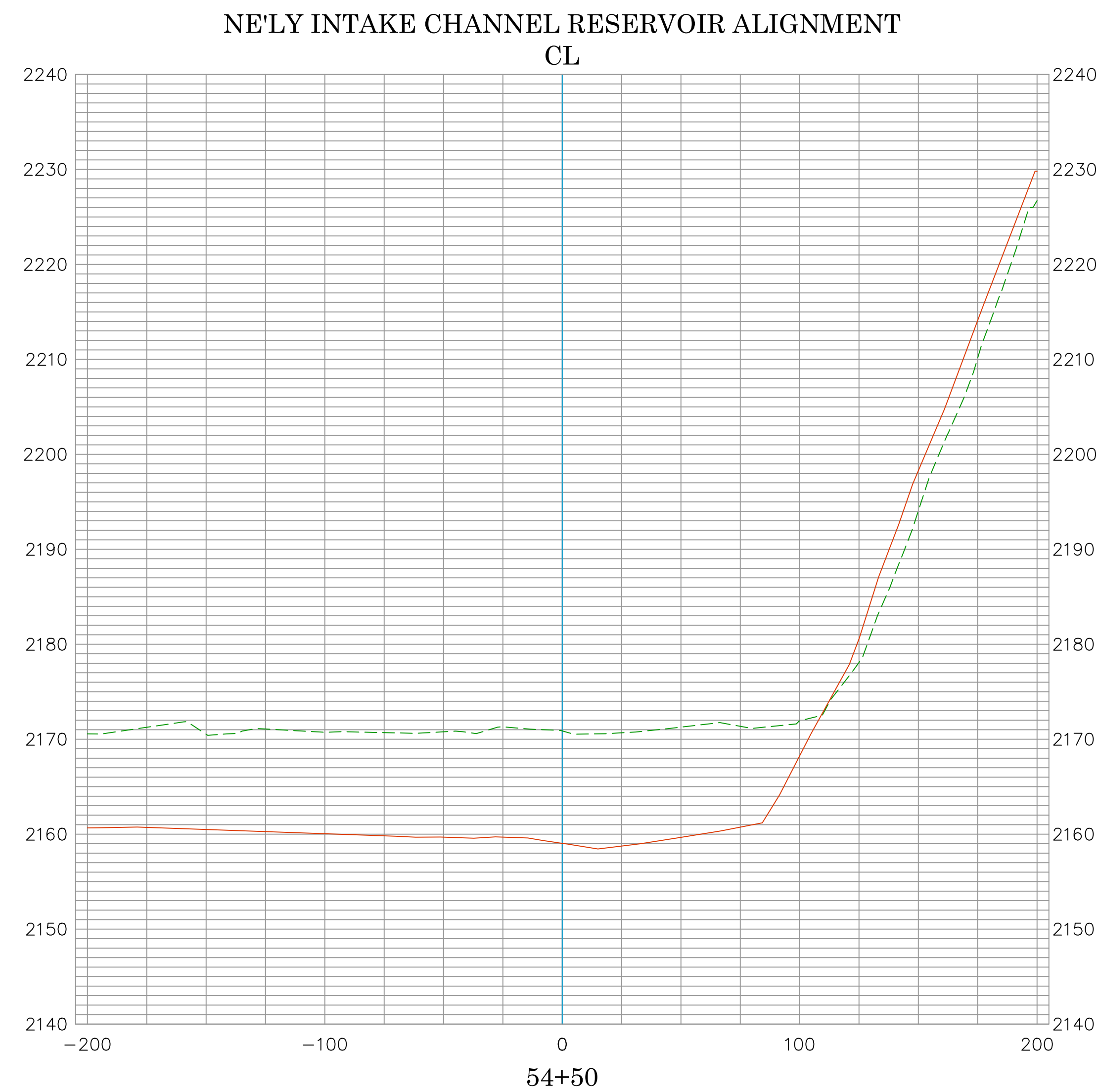
EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002

DATE PREPARED:08/21/2024

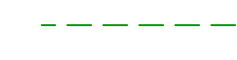
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		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
SEVEN OAKS DAM 2024 SEDIMENT STUDY					
SECTIONS					
PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM					
DATE OF SURVEY: JULY 2024				BY: K. MARTINEZ & PARTY	SHEET NO. 40 of 43
MAPPING				BY: J. PEDRETTI	
OFFICE CHECK				BY: D. BUSH, PLS	
FIELD CHECK				BY: N/A	
MARK	DATE	ITEM	SCALE: 1"=100'	W.O. #EF40059	FILE # 2324PW-FP0003
REVISIONS			FILE: SEVEN_OAKS_SECTIONS_2024.DWG		

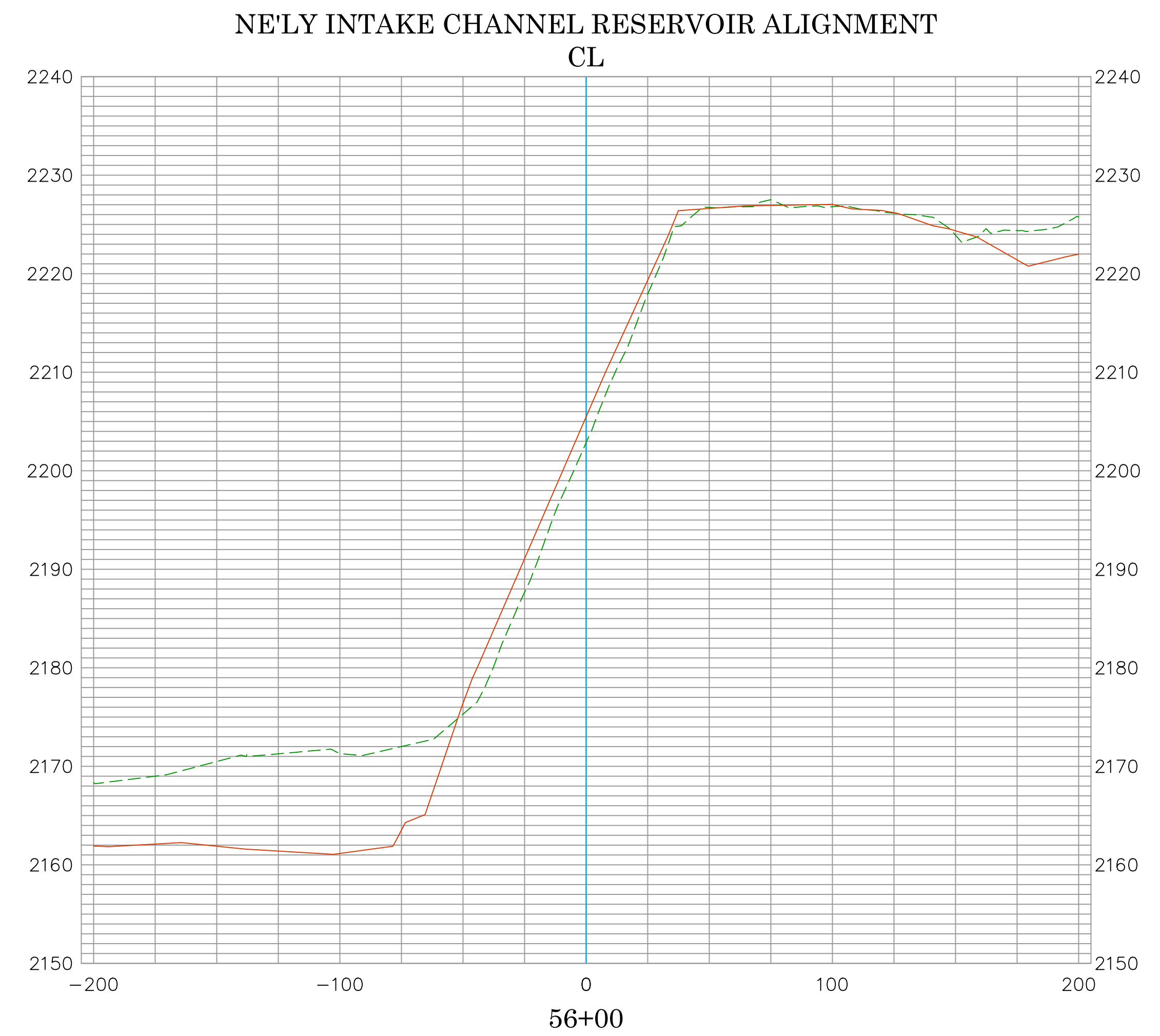
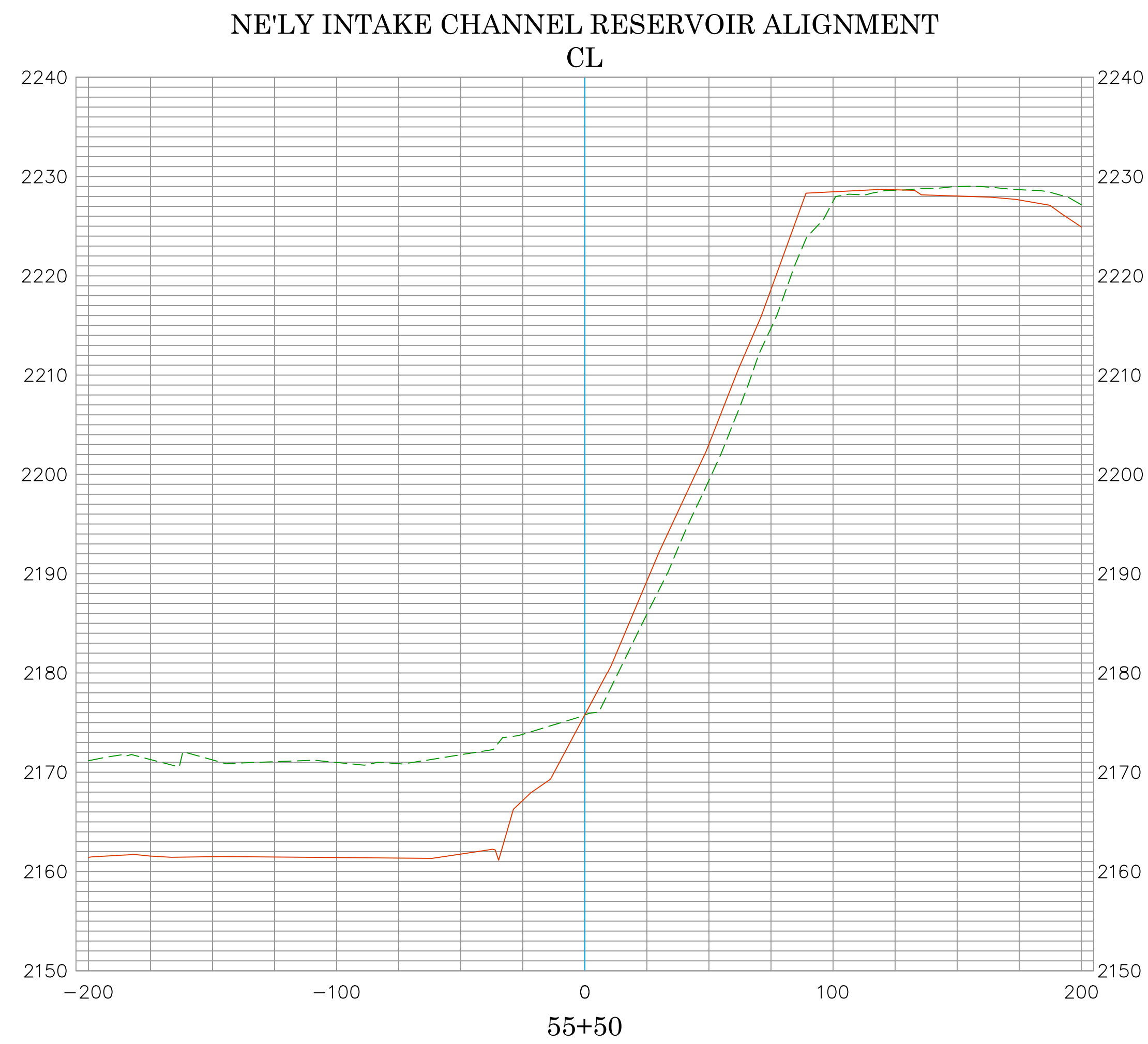


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

			COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			SEVEN OAKS DAM 2024 SEDIMENT STUDY			
			SECTIONS			
			PROJECT LIMITS: FROM INTAKE TOWER TO +850' UPSTREAM			
			DATE OF SURVEY: JULY 2024	BY: K. MARTINEZ & PARTY		SHEET NO. 41 of 43
			MAPPING	BY: J. PEDRETTI		
			OFFICE CHECK	BY: D. BUSH, PLS		
			FIELD CHECK	BY: N/A		
MARK	DATE	ITEM	FIELD CHECK	W.O. #EF40059	FILE # 2324PW-FP0003	
		REVISIONS	SCALE: 1"=100'	FILE: SEVEN OAKS SECTIONS_2024.DWG		

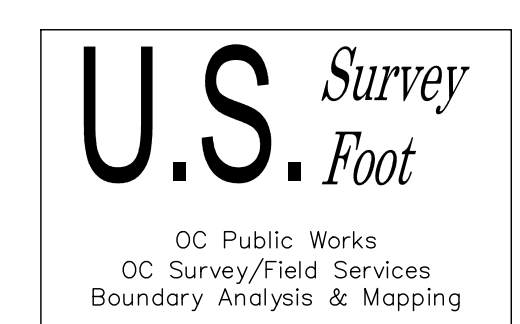
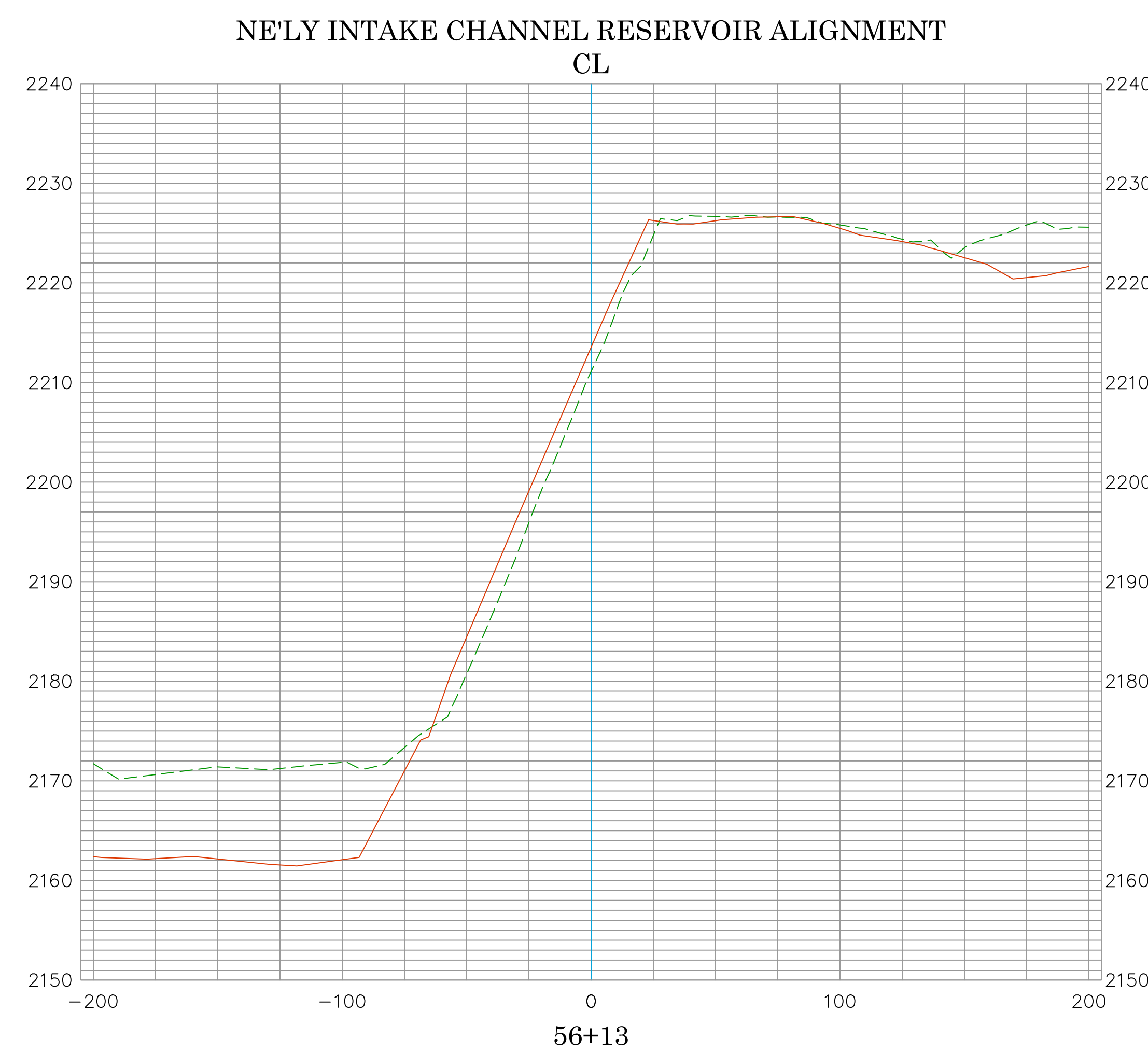


EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024

Vert. Scale: 1"=10'
Hor. Scale: 1"=40'



		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
				FILE # 2324PW-FP0003	
FILE: SEVEN_OAKS_SECTIONS_2024.DWG					
MARK	DATE	ITEM		SHEET NO. 42 of 43	
REVISIONS					



EXISTING CONDITION 2024
AERIAL LIDAR AS-BUILT 2002
DATE PREPARED:08/21/2024



Vert. Scale: 1"=10'
Hor. Scale: 1"=40'

		COUNTY OF ORANGE OC PUBLIC WORKS/ENGINEERING SERVICES OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		SEVEN OAKS DAM 2024 SEDIMENT STUDY			
		SECTIONS			
		PROJECT LIMITS: FROM INTAKE TOWER TO ±850' UPSTREAM			
		DATE OF SURVEY: JULY 2024		BY: K. MARTINEZ & PARTY	
		MAPPING		BY: J. PEDRETTI	
		OFFICE CHECK		BY: D. BUSH, PLS	
		FIELD CHECK		BY: N/A	
		SCALE: 1"=100'		W.O. #EF40059	
		FILE: SEVEN OAKS SECTIONS_2024.DWG		FILE # 2324PW-FP0003	
MARK	DATE	ITEM	REVISIONS		
SHEET NO. 43 of 43					