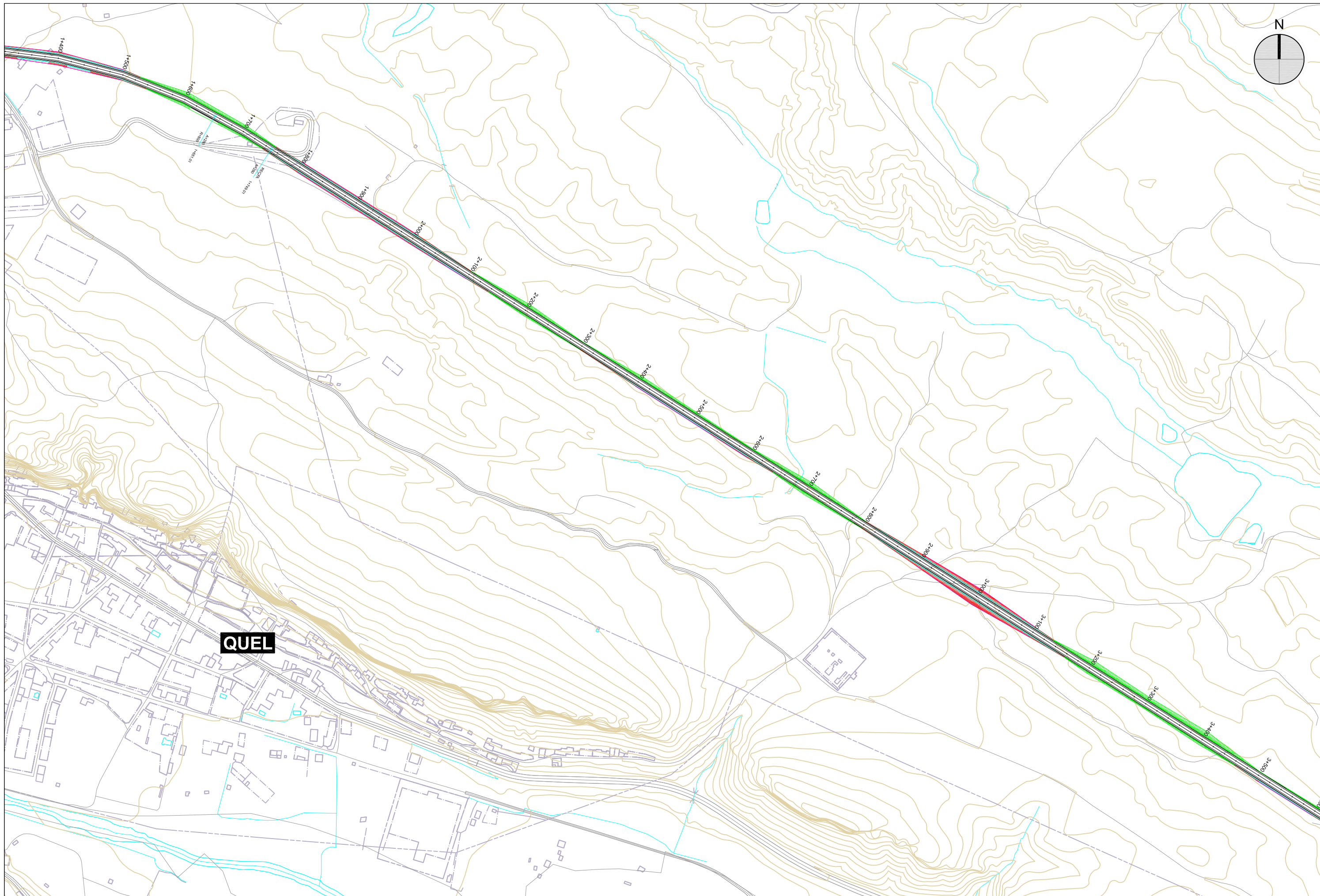
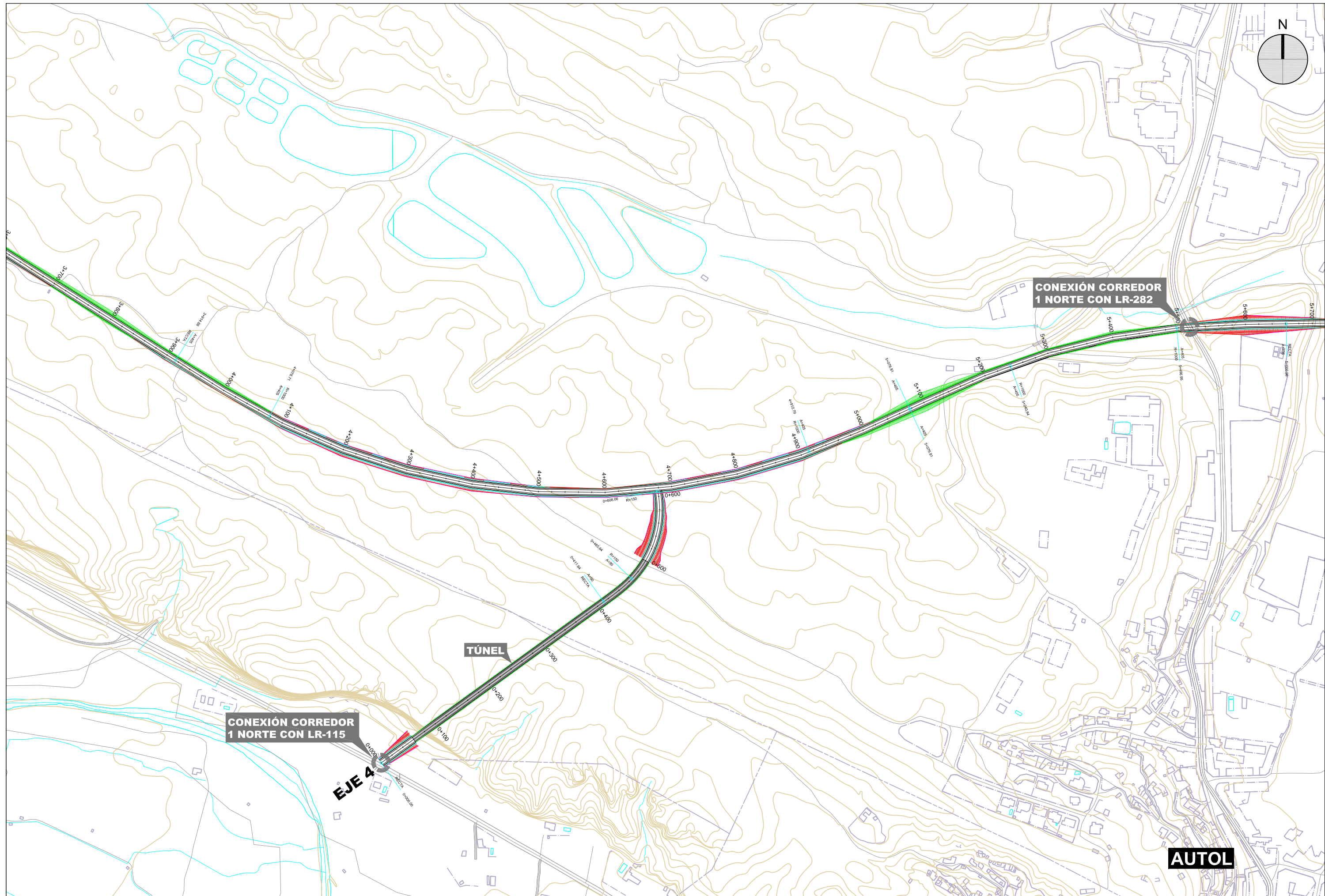
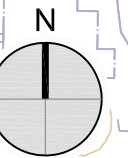


**INICIO TRAMO  
CONEXIÓN CON LR-115**

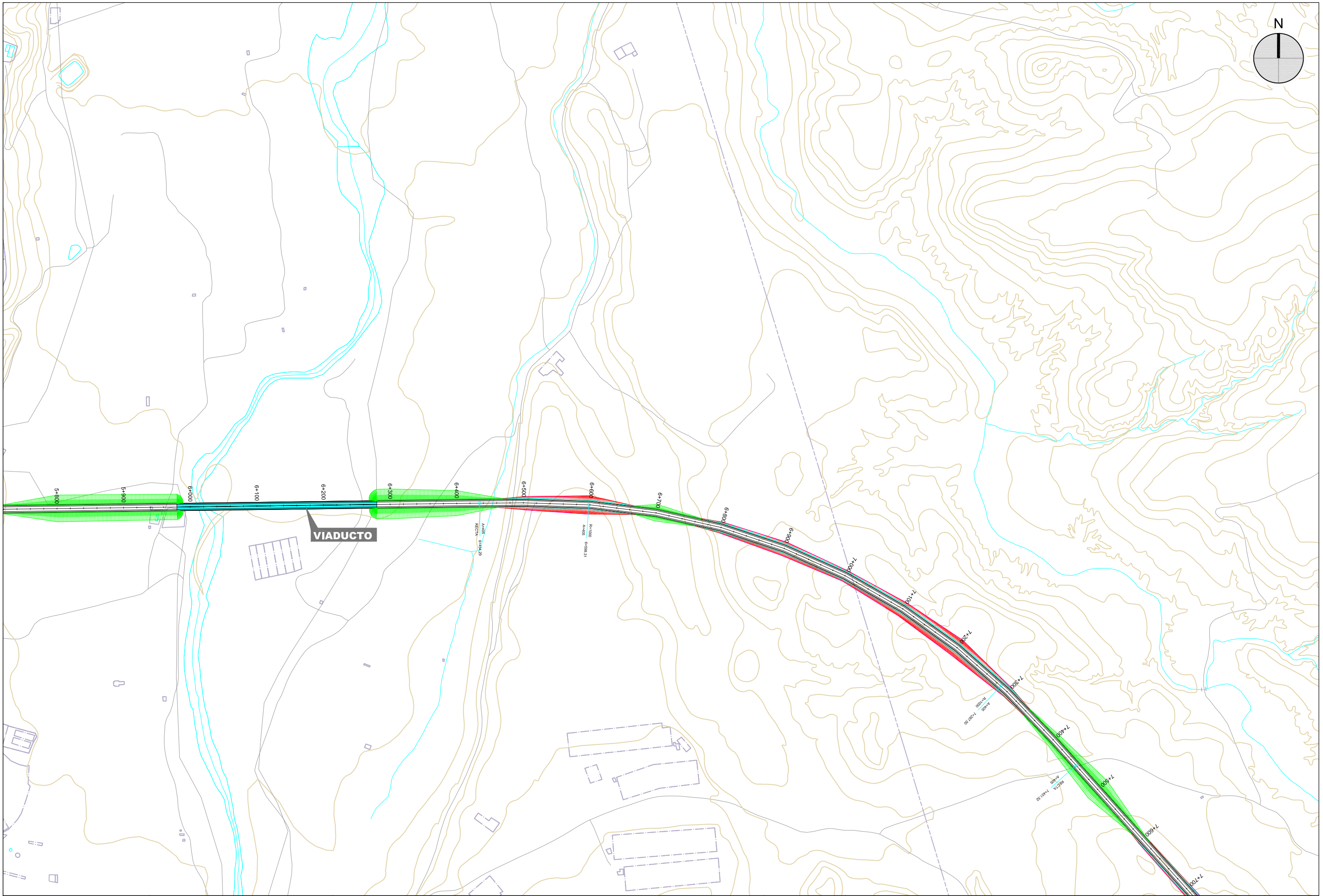
**EJE 1**

**CONEXIÓN CORREDOR  
1 NORTE CON LR-281**





**AUTOL**



**VIADUCTO**



EMPRESA CONSULTORA:  
 T.O.C. Ingeniería  
ANGEL JESÚS LUIS PIENSOS

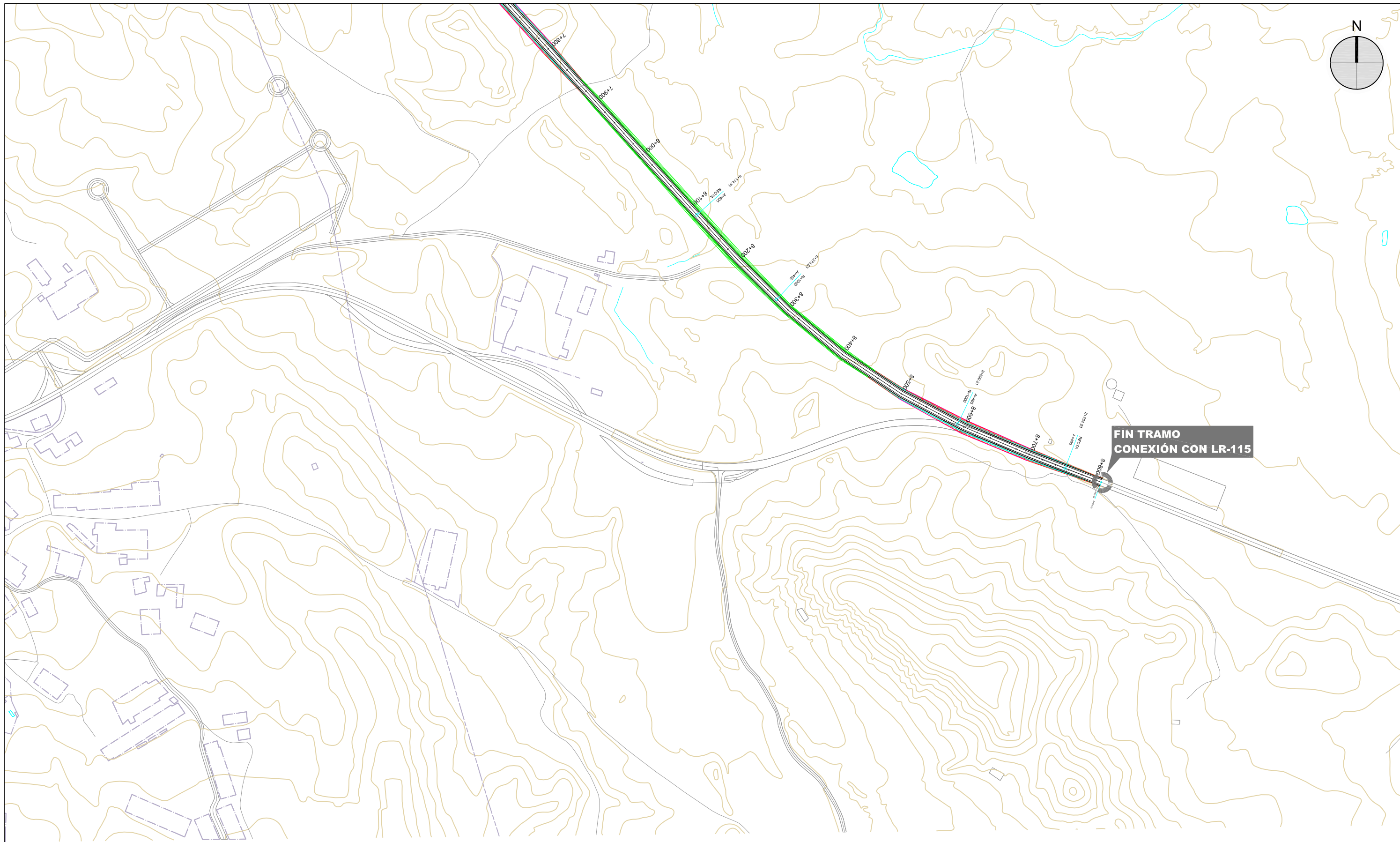
FECHA:  
**JUNIO 2022**

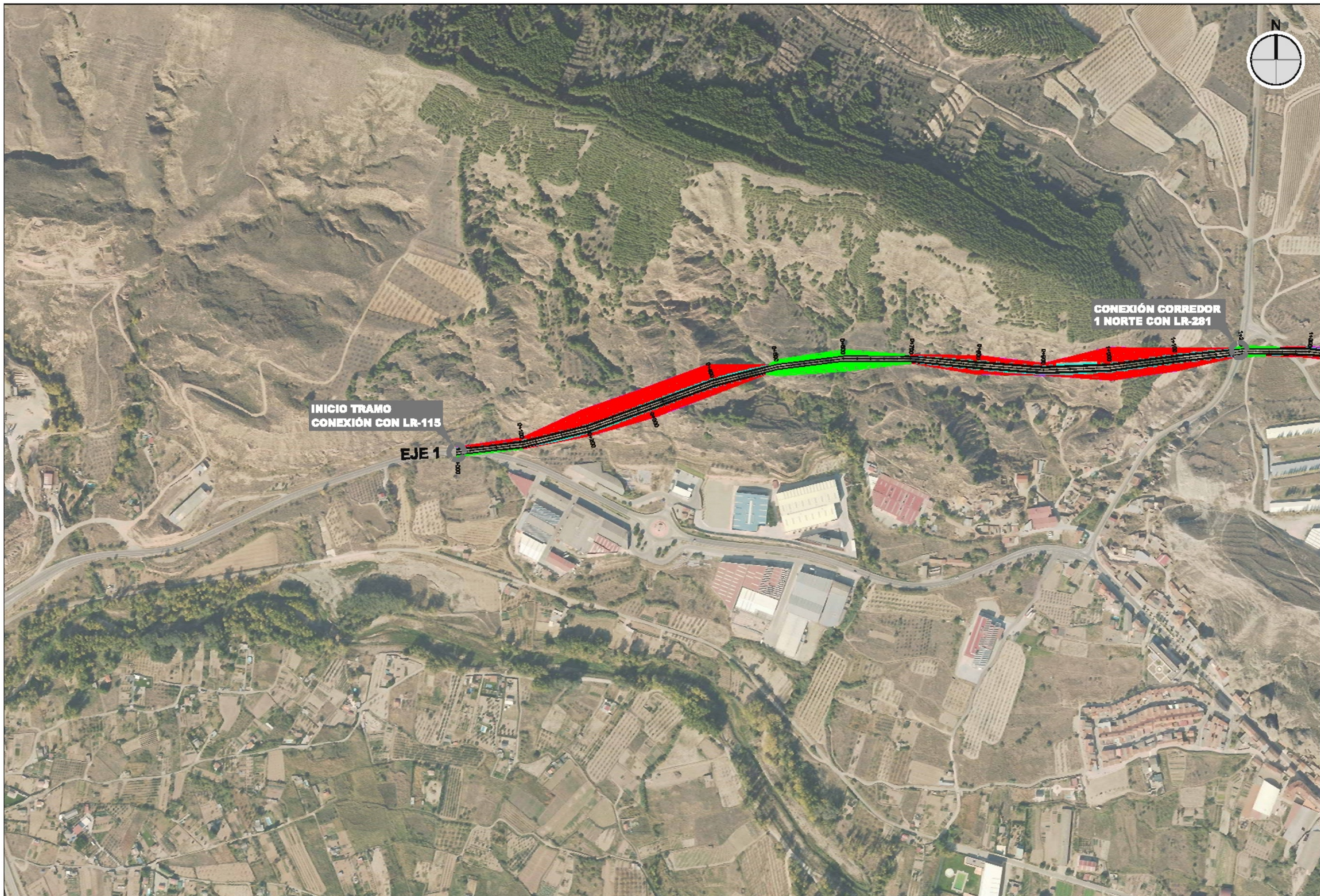
TÍTULO:  
**ESTUDIO INFORMATIVO DE LAS VARIANTES DE QUEL Y AUTOL (CARRETERA LR-115)**

ESCALA:  
1:5.000

TÍTULO DEL PLANO:  
**ALTERNATIVA SELECCIONADA 1 NORTE  
PLANTA GENERAL (EJES 1 Y 4)**

ELABORADO: I.G.C.	FECHA: 30/06/2021	EDICIÓN: 0	Nº DE PLANO: 3
VERIFICADO: A.J.L.P.	FECHA: 30/06/2021	HOJA 4 DE 5	



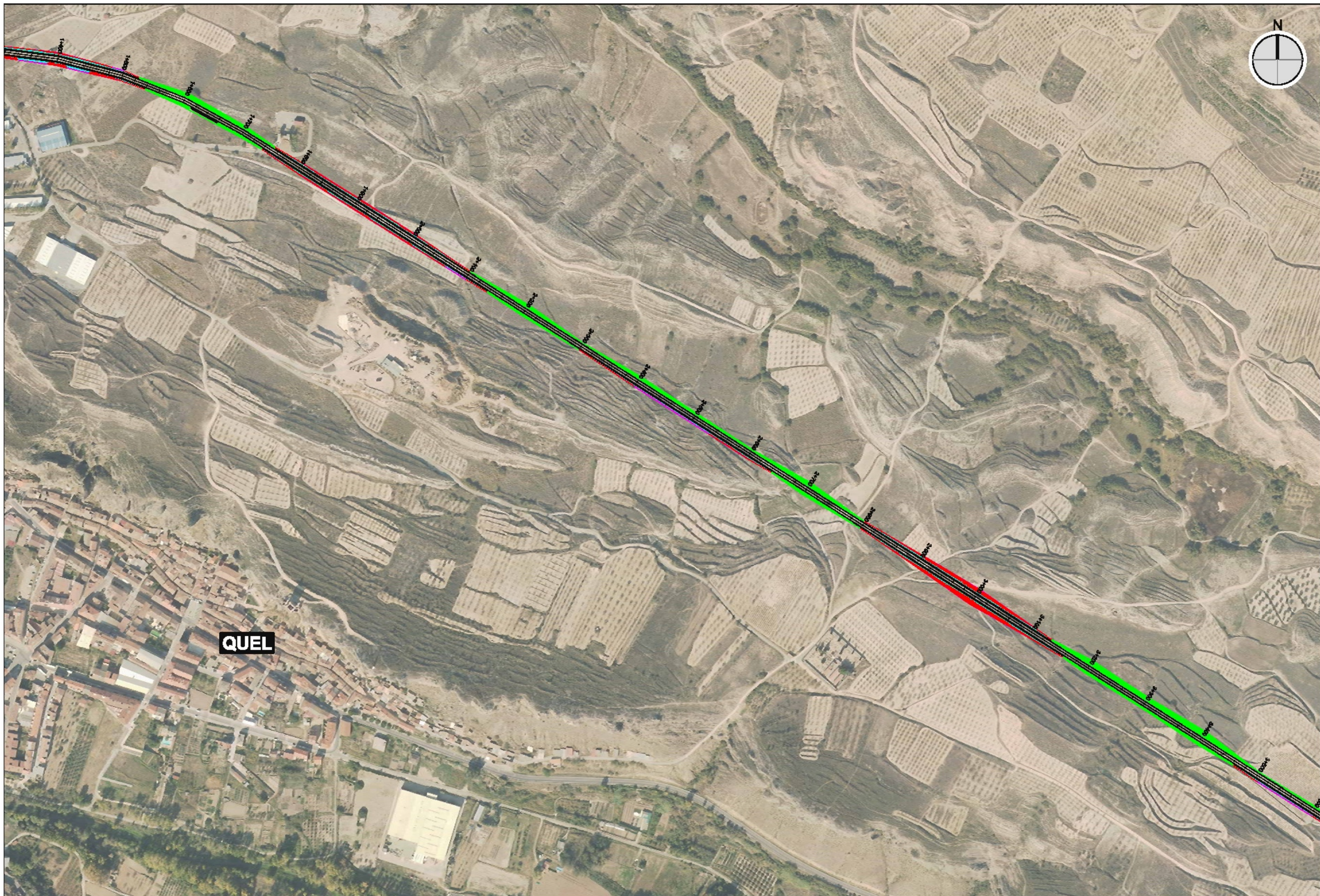


INICIO TRAMO  
CONEXIÓN CON LR-115

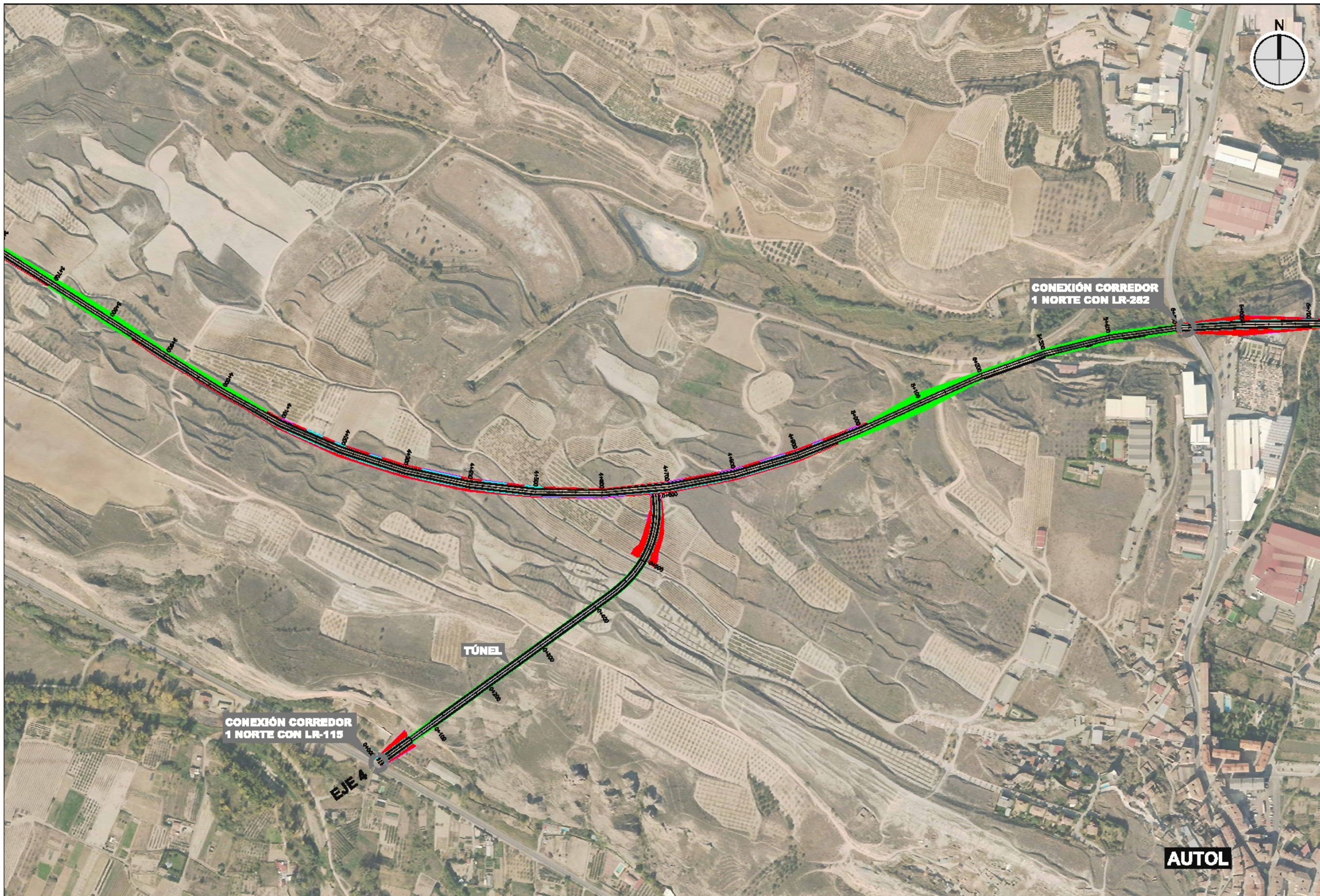
EJE 1

CONEXIÓN CORREDOR  
1 NORTE CON LR-281

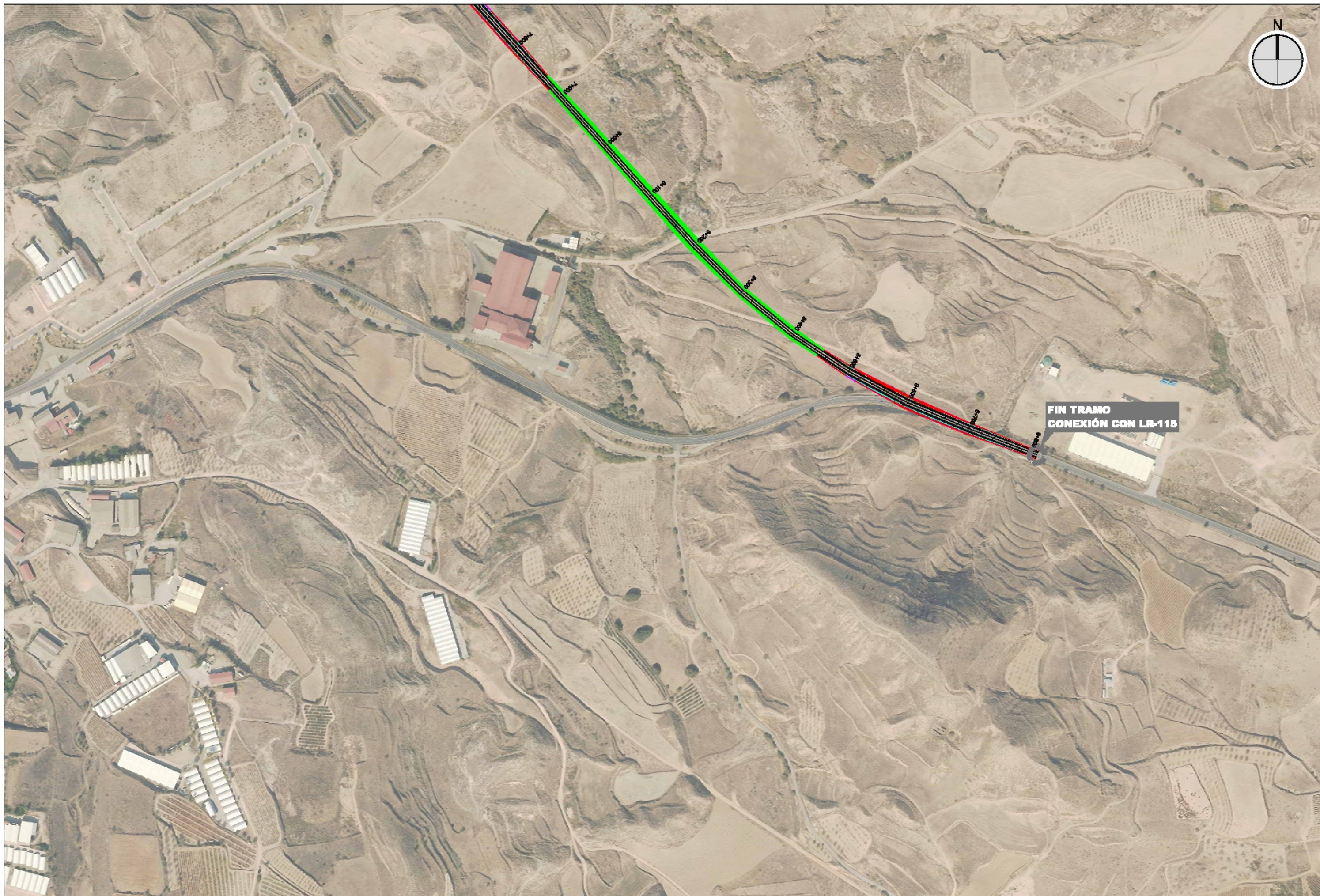




**QUEL**



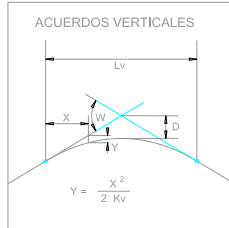
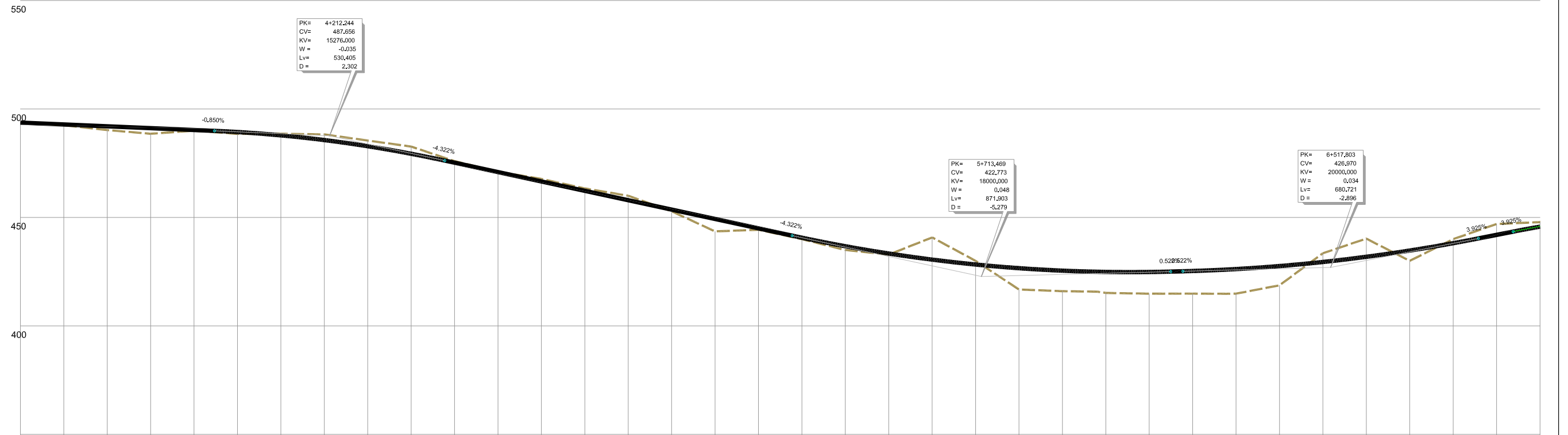




**FIN TRAMO  
CONEXIÓN CON LR-115**

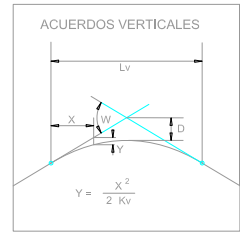
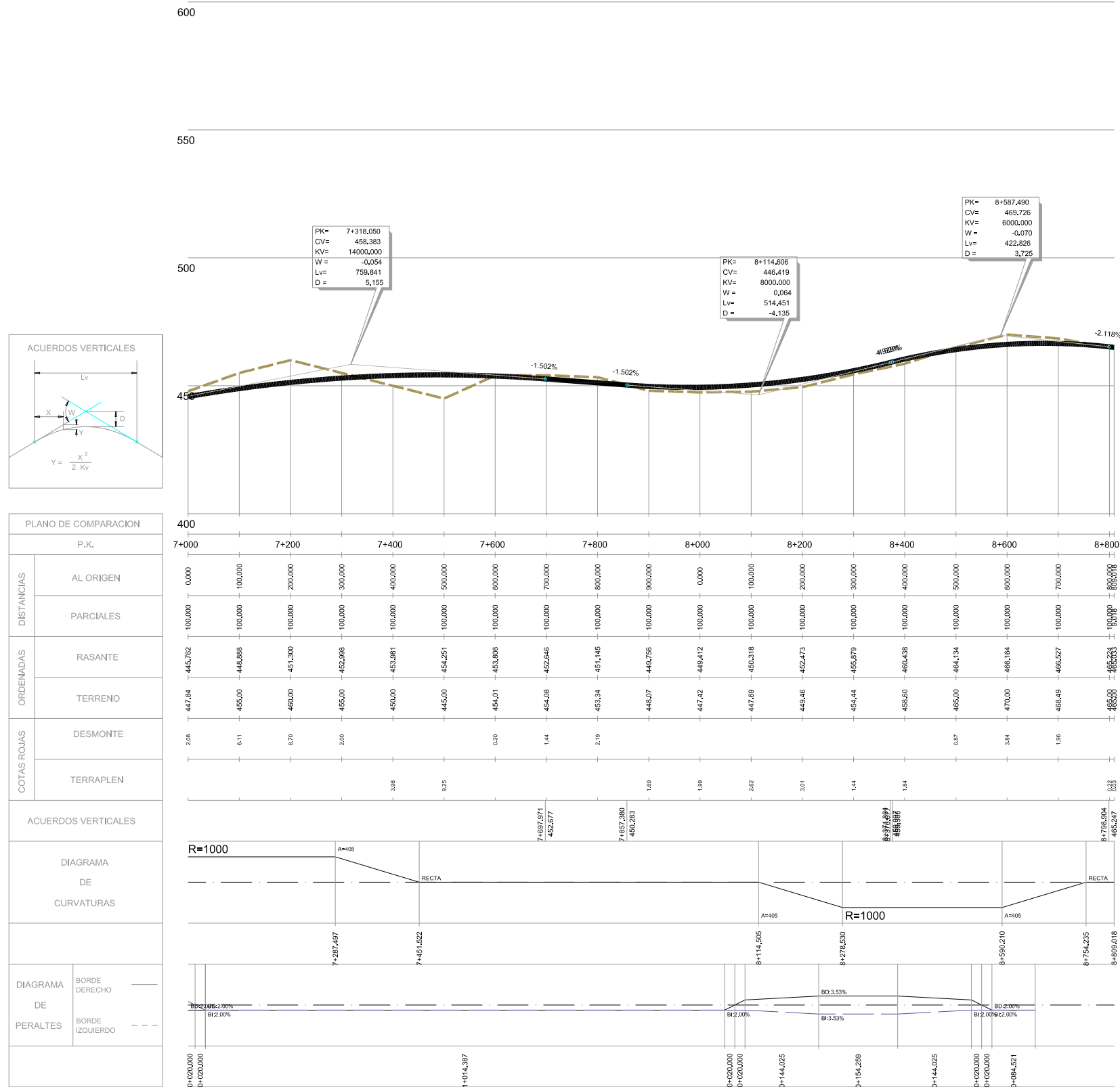


# EJE 1



PLANO DE COMPARACION		P.K.																			
DISTANCIAS	P.K.																				
	AL ORIGEN	3+600	3+800	4+000	4+200	4+400	4+600	4+800	5+000	5+200	5+400	5+600	5+800	6+000	6+200	6+400	6+600	6+800	7+000		
ORDENADAS	RASANTE	493,710	492,860	492,010	491,160	490,310	489,460	488,610	487,760	486,910	486,060	485,210	484,360	483,510	482,660	481,810	480,960	480,110	479,260	478,410	
COTAS ROJAS	TERRENO	494,03	492,50	490,28	488,57	486,98	485,53	484,27	483,10	482,07	481,07	480,10	479,16	478,25	477,36	476,49	475,64	474,81	473,99	473,19	
	DESMONTE	0,32																			
	TERRAPLEN		0,96	1,73	2,59	3,33	3,84														
ACUERDOS VERTICALES				3+847,062 489,510				4+477,447 476,194				5+277,517 441,615									
DIAGRAMA DE CURVATURAS		RECTA		A=405	R=1000			A=405				A=405	R=1000								
DIAGRAMA DE PERALTES		BORDE DERECHO	BD-2,00%	BD-2,00%	BD-2,00%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-3,53%	BD-2,00%
		BORDE IZQUIERDO	BI-2,00%	BI-2,00%	BI-2,00%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-3,53%	BI-2,00%

# EJE 1

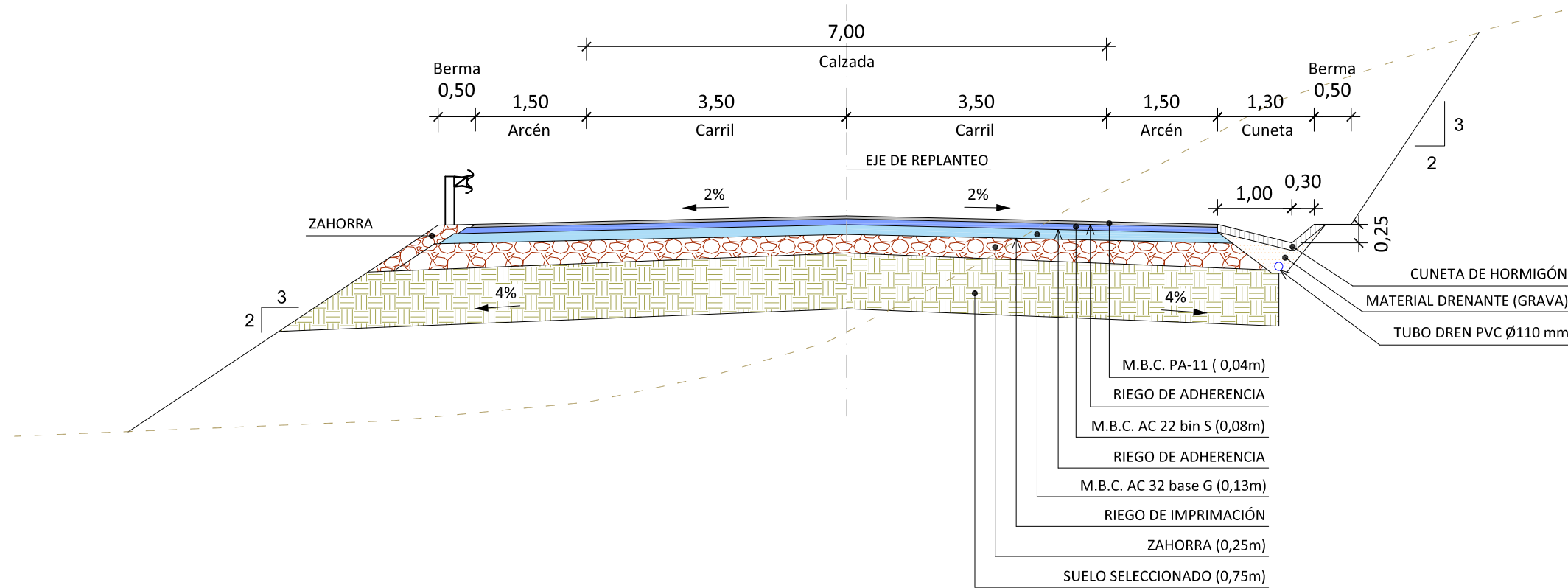


PLANO DE COMPARACION		P.K.	7+000	7+200	7+400	7+600	7+800	8+000	8+200	8+400	8+600	8+800
DISTANCIAS	AL ORIGEN		0,000	100,000	200,000	300,000	400,000	500,000	600,000	700,000	800,000	900,000
	PARCIALES		100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
ORDENADAS	RASANTE		445,762	448,888	451,300	452,988	453,981	454,261	453,806	451,145	448,756	448,412
	TERRENO		447,84	455,00	460,00	455,00	450,00	445,00	454,01	454,08	453,34	448,07
COTAS ROJAS	DESMONTE		2,08	6,11	8,70	2,00			2,20	1,44	2,19	
	TERRAPLEN						3,98	9,25				
ACUERDOS VERTICALES							7+652,971 7+52,677		7+857,390 7+50,200			8+774,891 8+58,000
DIAGRAMA DE CURVATURAS			R=1000		RECTA		RECTA		R=1000		RECTA	
DIAGRAMA DE PERALTES				7+297,497	7+451,522			8+114,205	8+276,530	8+580,210	8+754,235	8+809,718
	BORDE DERECHO											
	BORDE IZQUIERDO											
			D+020,000	D+020,000		1+014,387		D+020,000	D+020,000	D+144,025	D+154,259	D+144,025
								D+020,000	D+020,000	D+084,521		

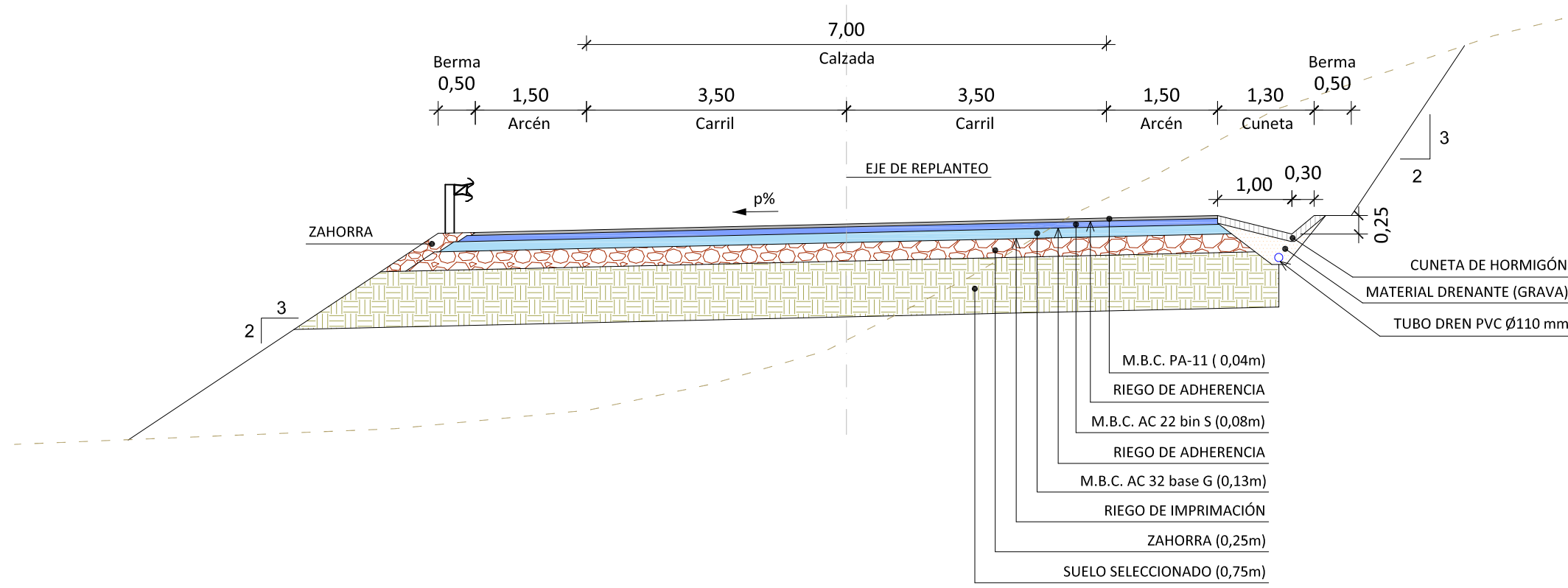




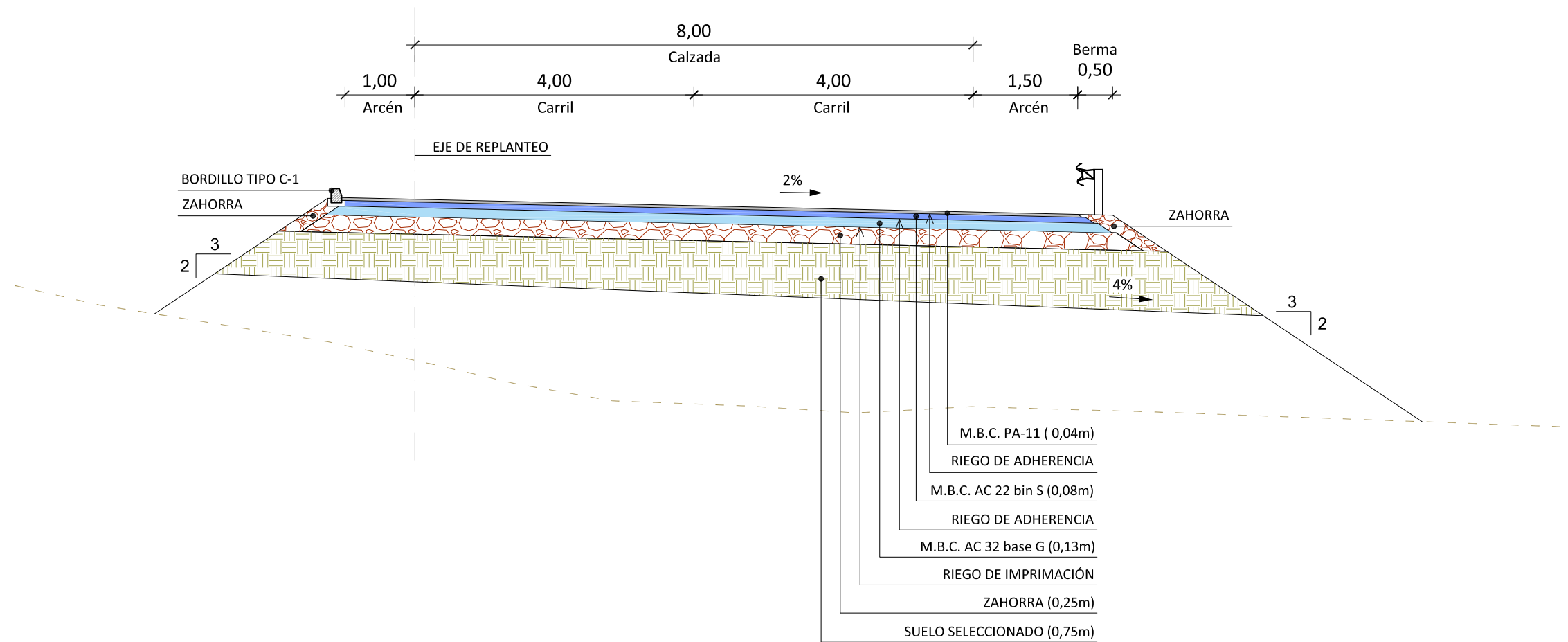
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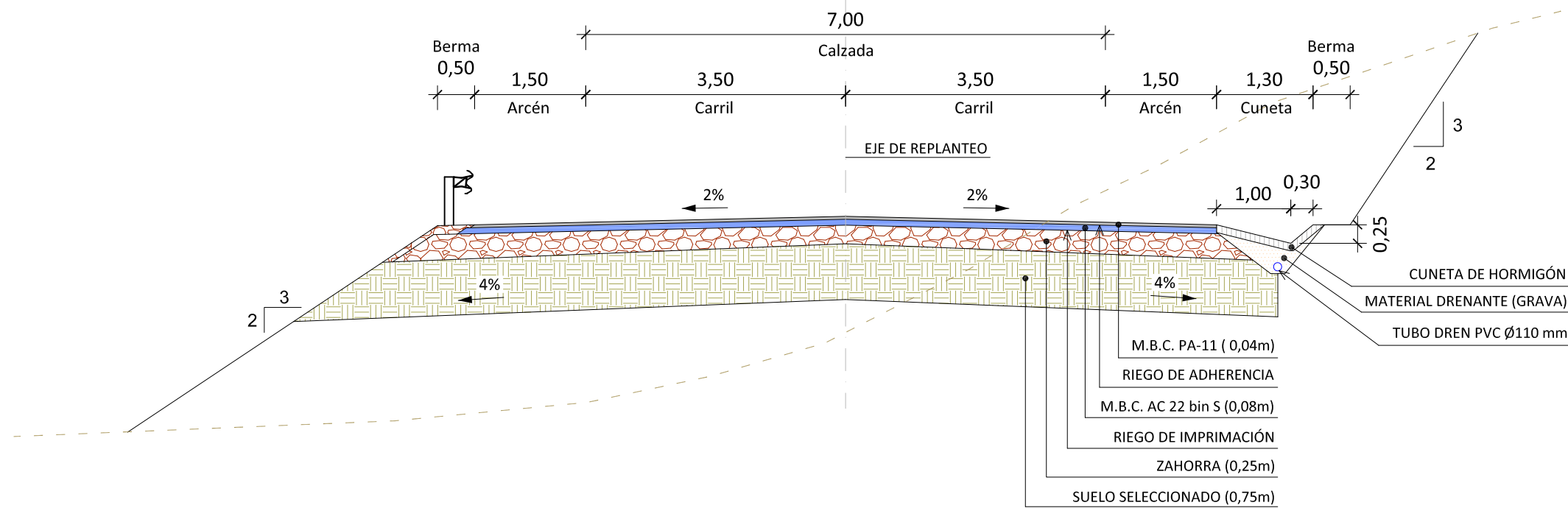
### SECCIÓN TIPO DE TRONCO EN CURVA



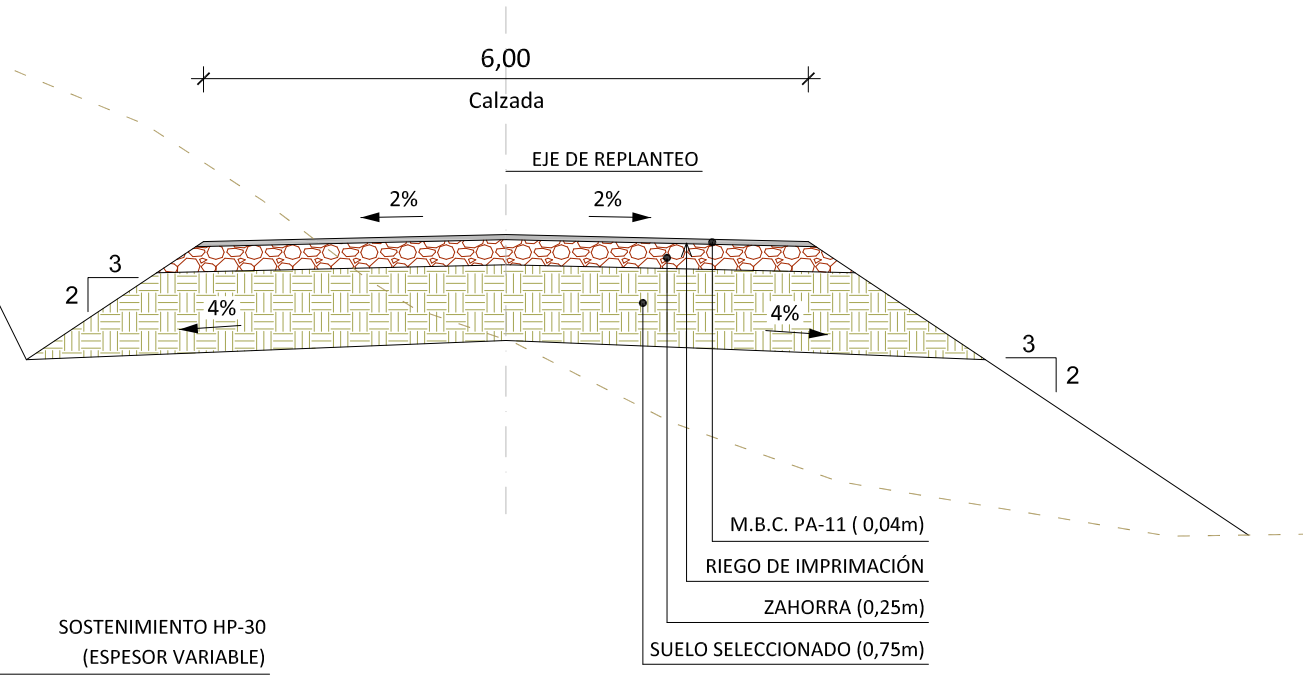
### SEMI-SECCIÓN TIPO EN GLORIETA



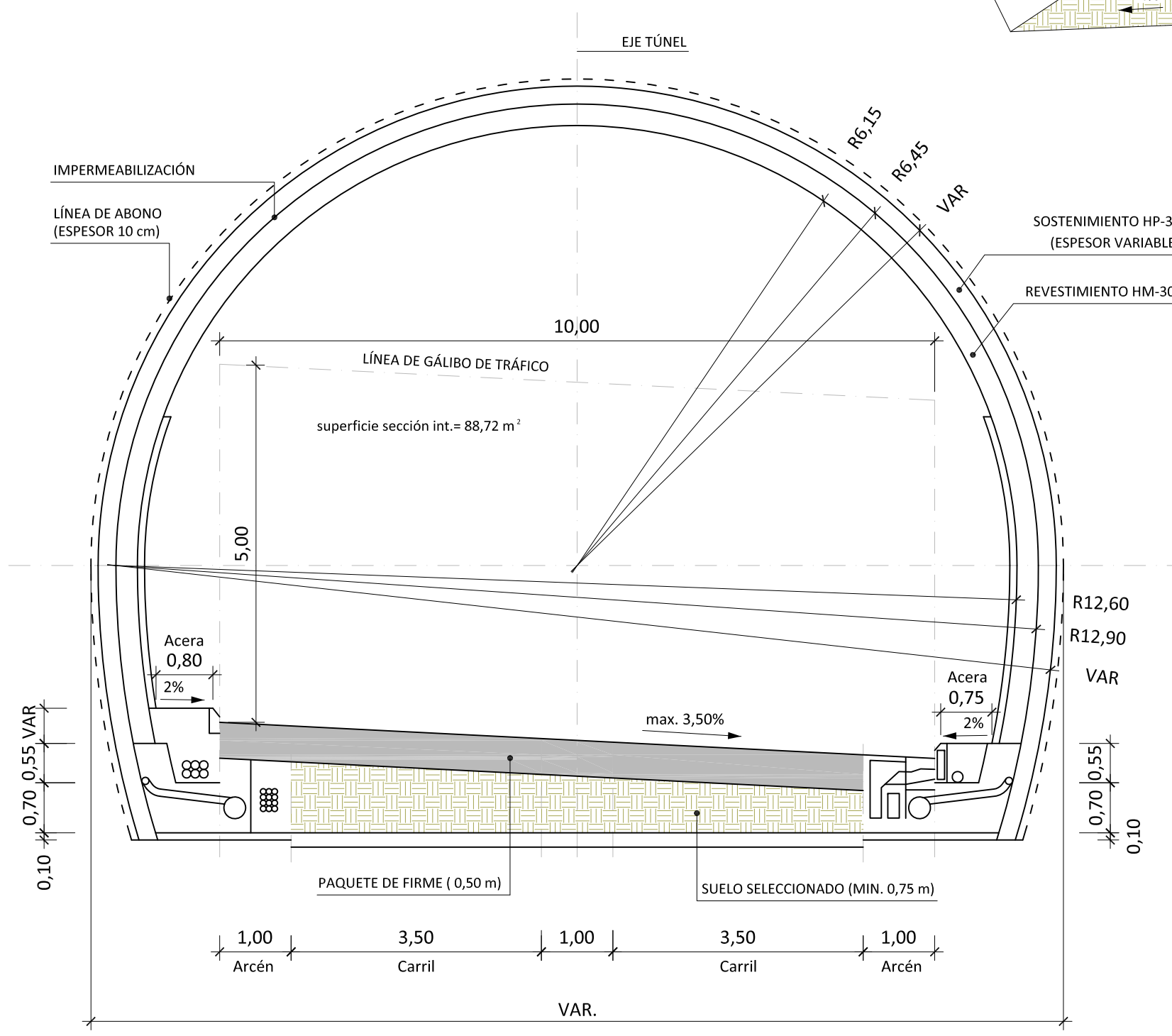
### SECCIÓN TIPO EN VIALES DE CONEXIÓN



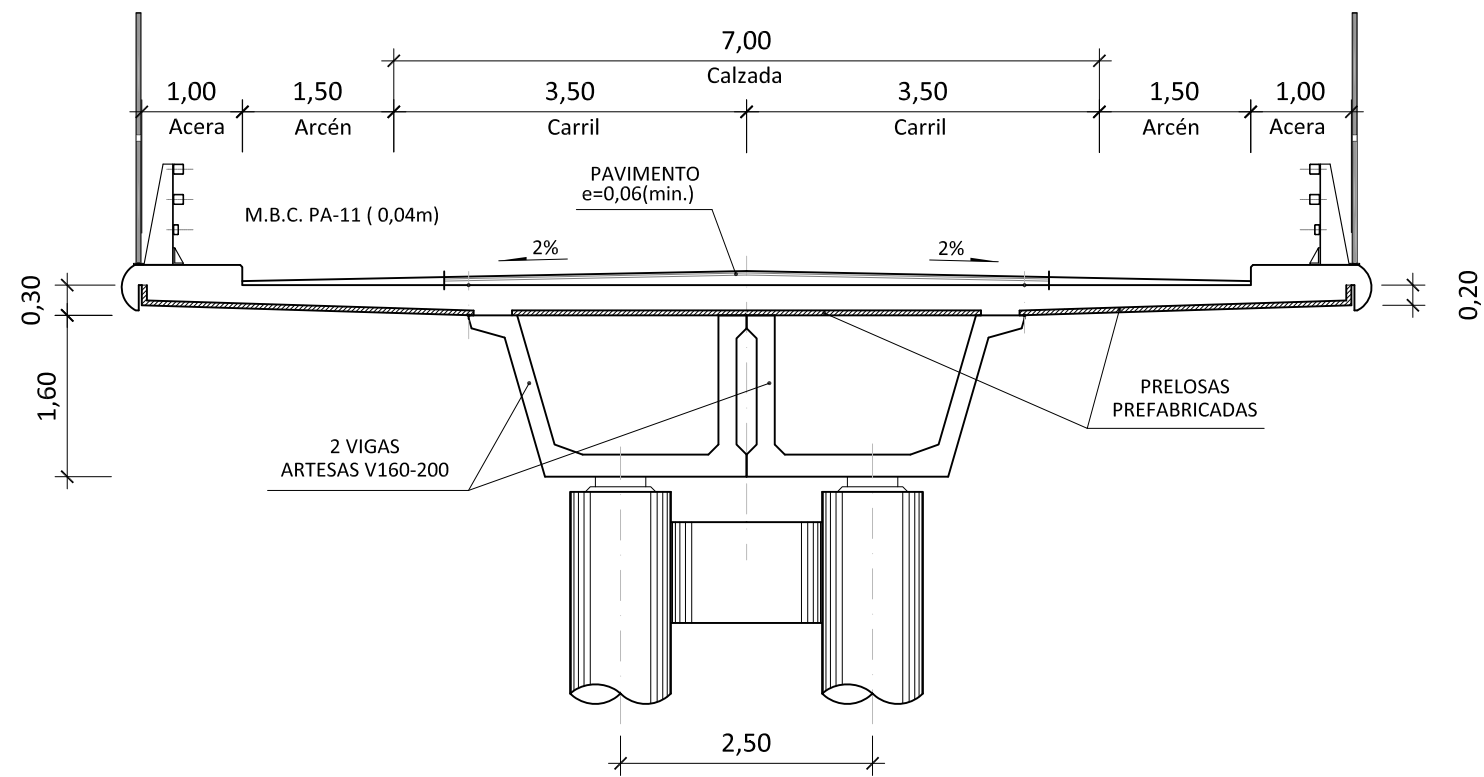
**SECCIÓN TIPO EN CAMINO**



**SECCIÓN TIPO DE TÚNEL**

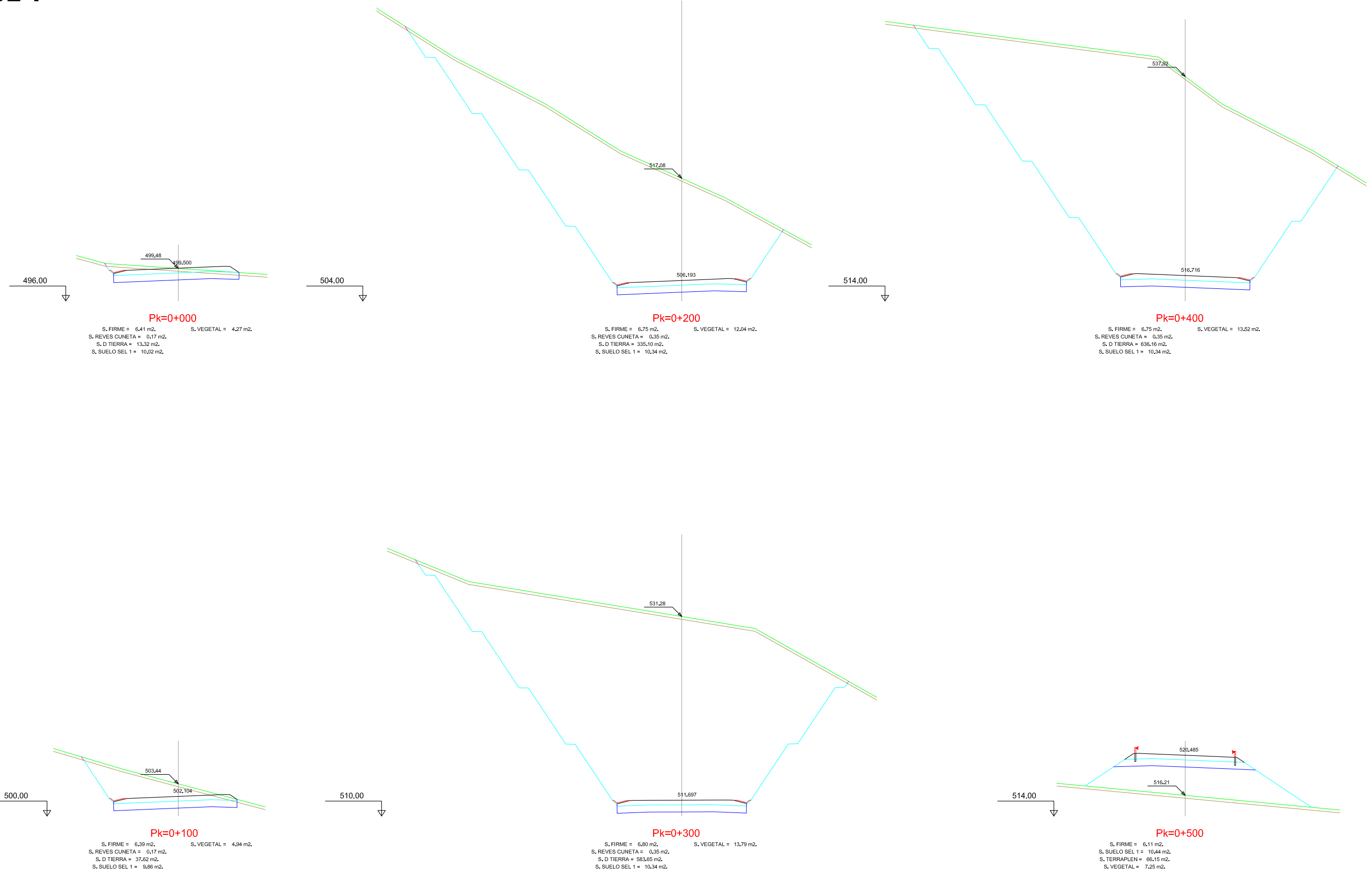


**SECCIÓN TIPO VIADUCTO**  
E= 1:75

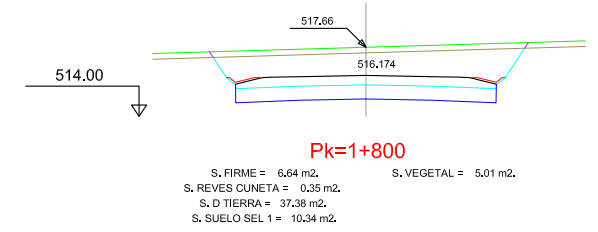
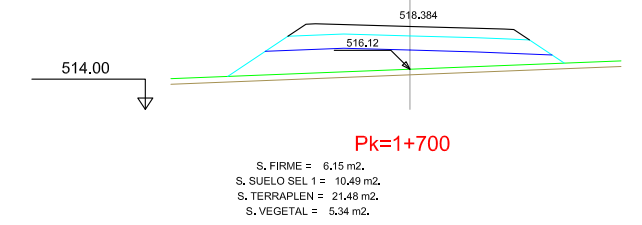
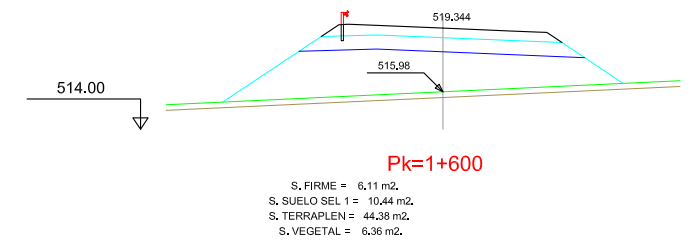
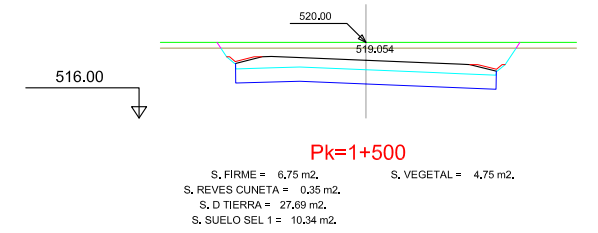
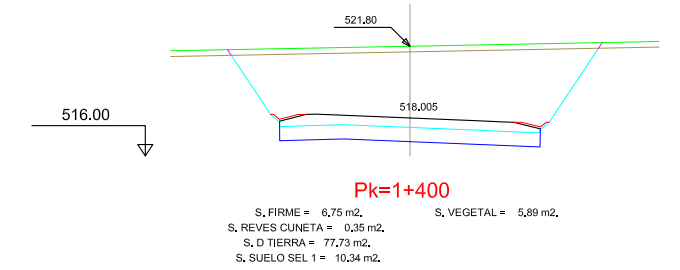
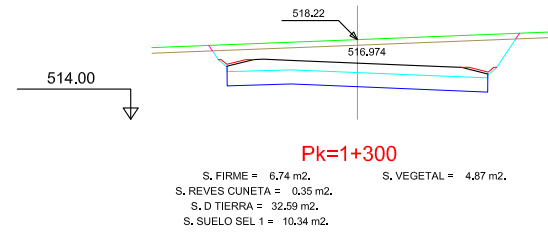
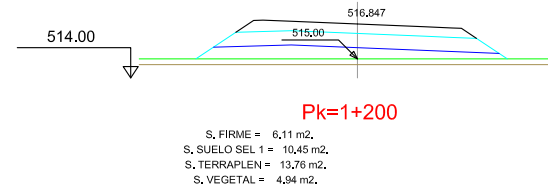
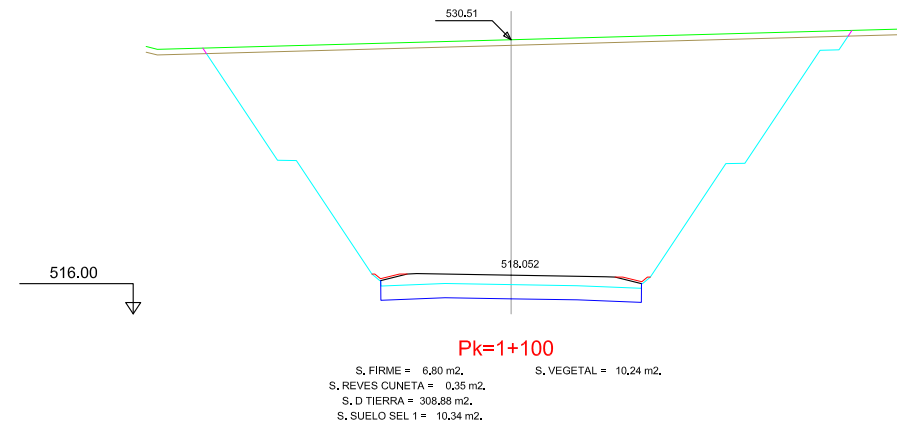
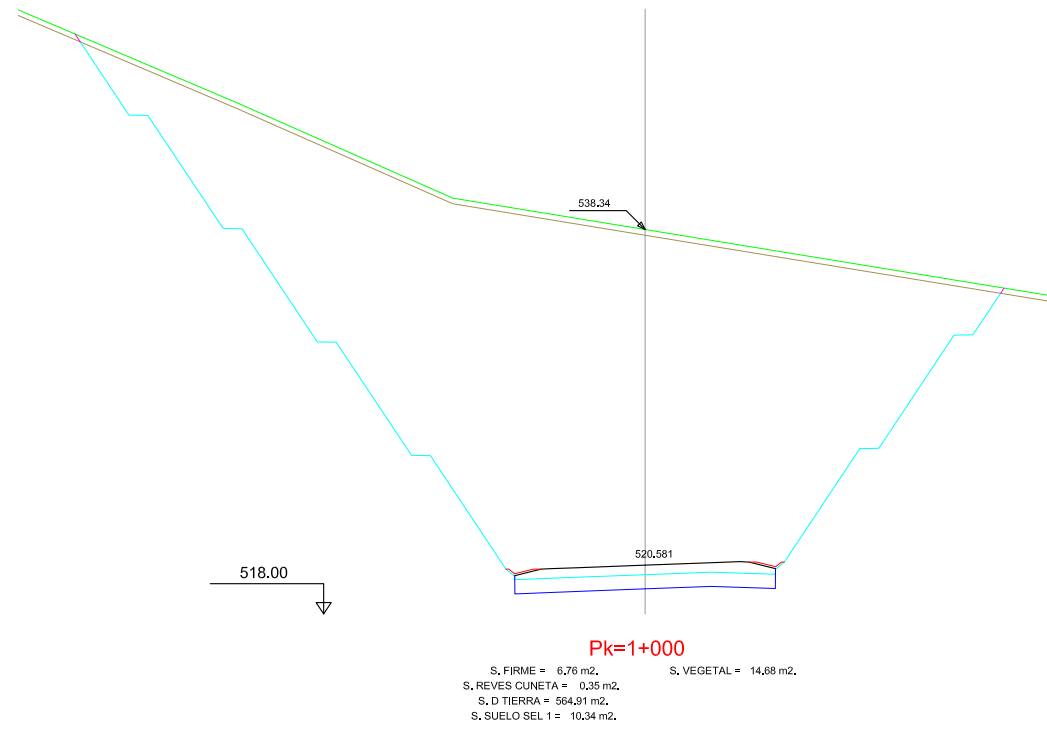
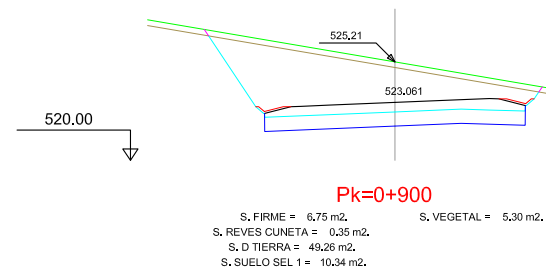
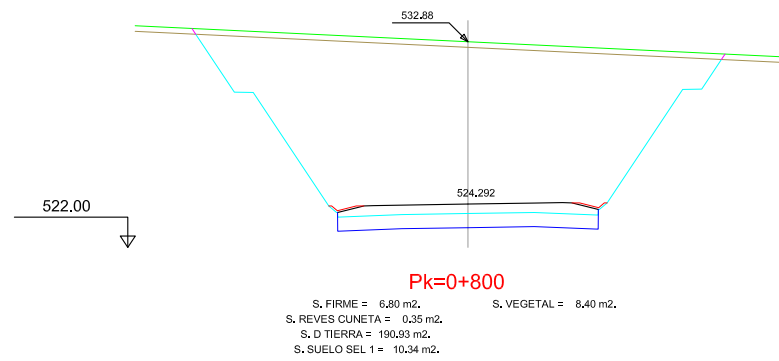
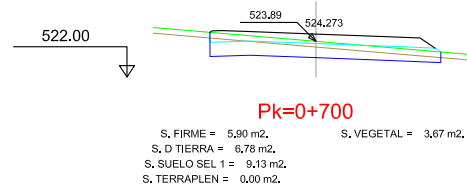
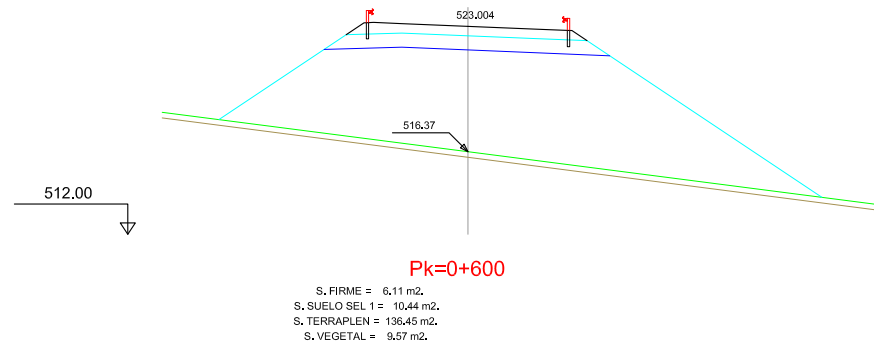




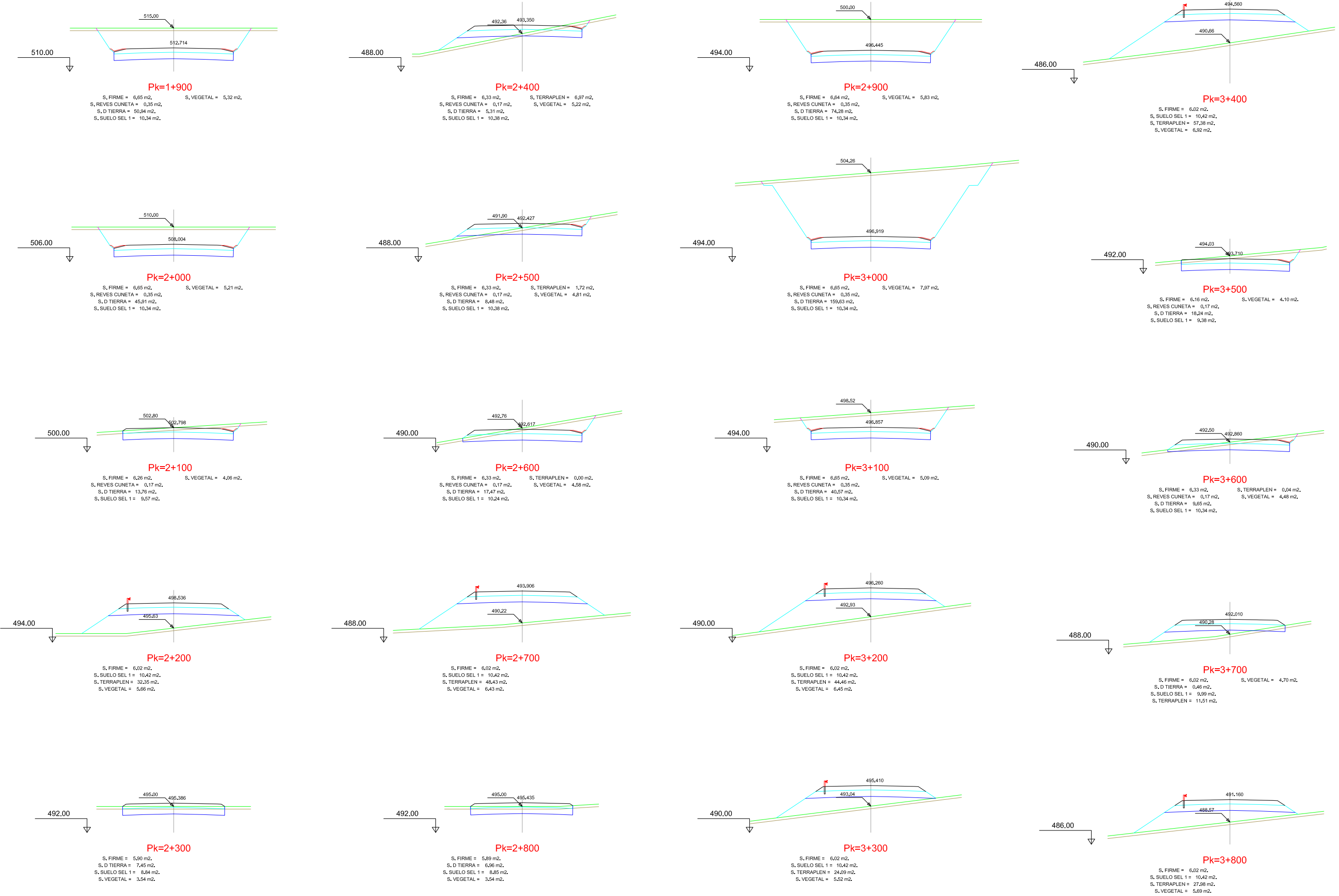
# EJE 1



# EJE 1

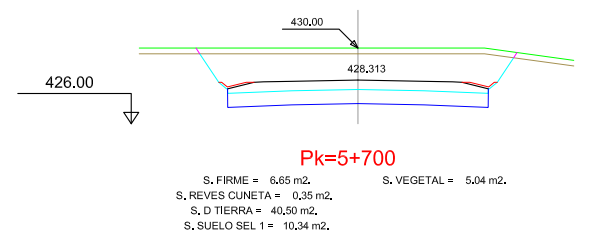
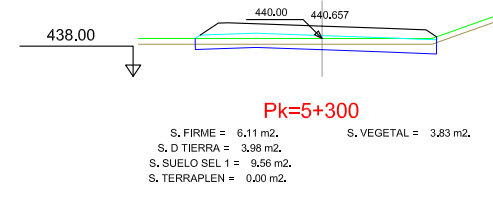
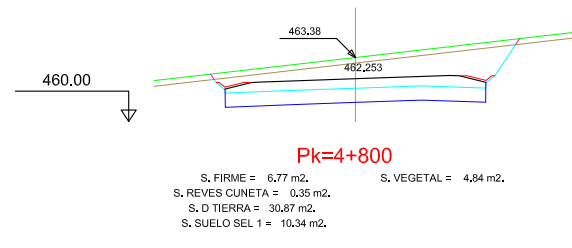
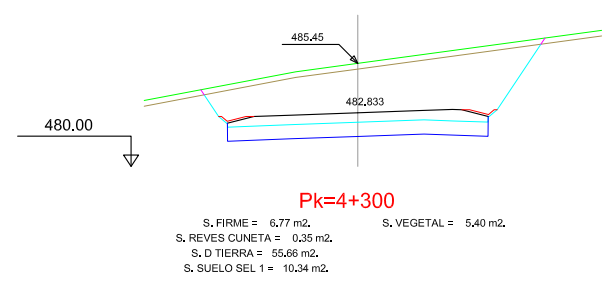
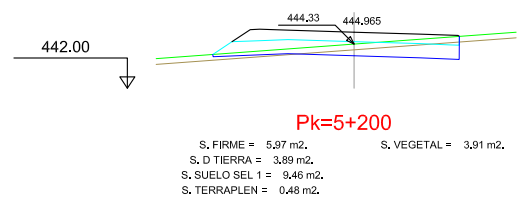
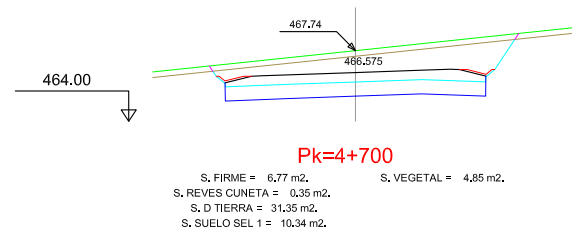
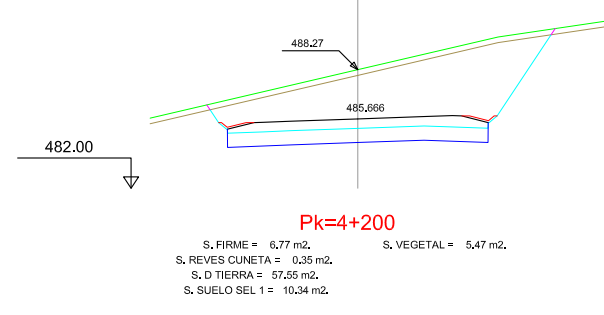
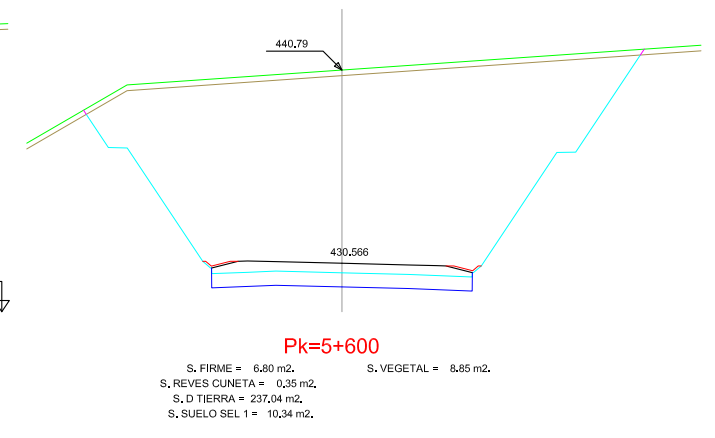
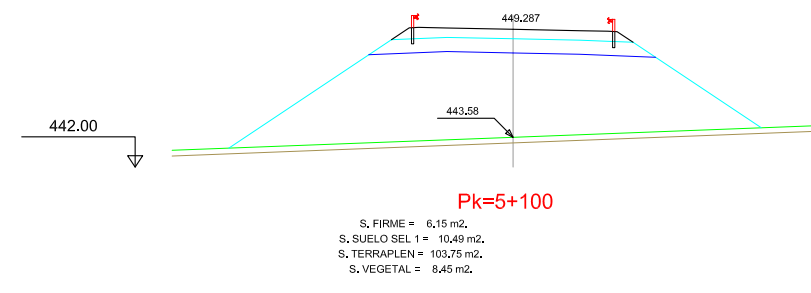
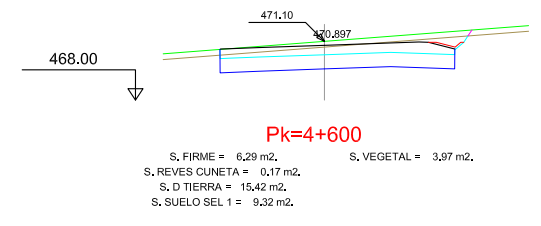
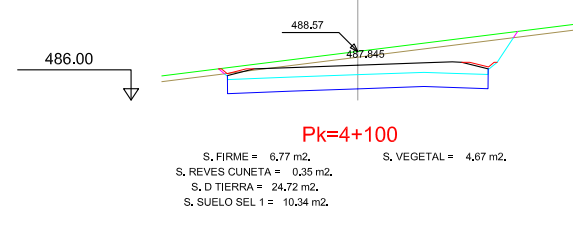
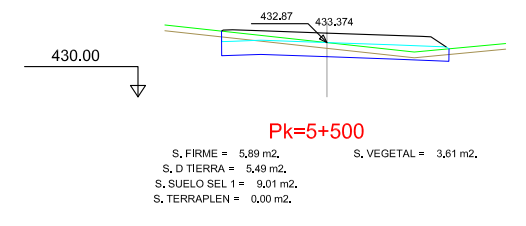
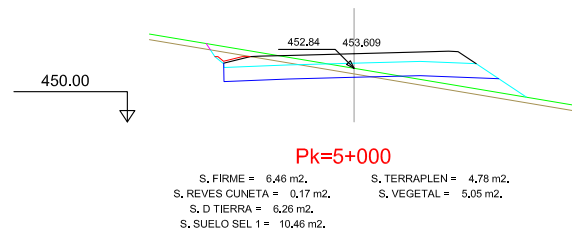
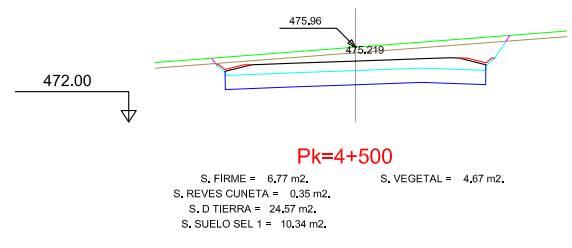
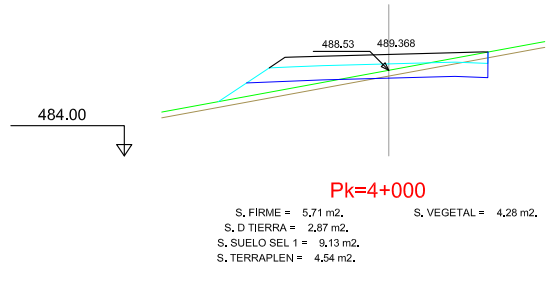
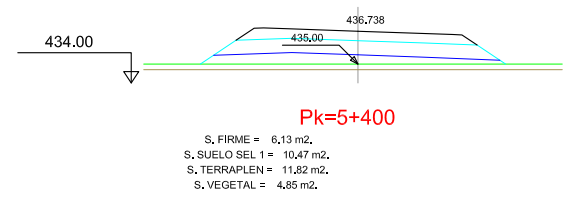
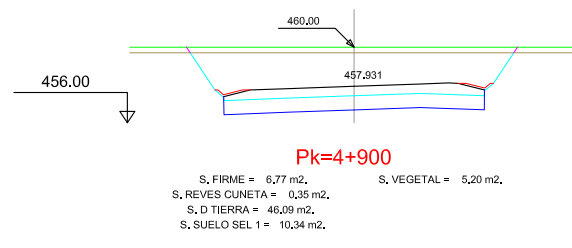
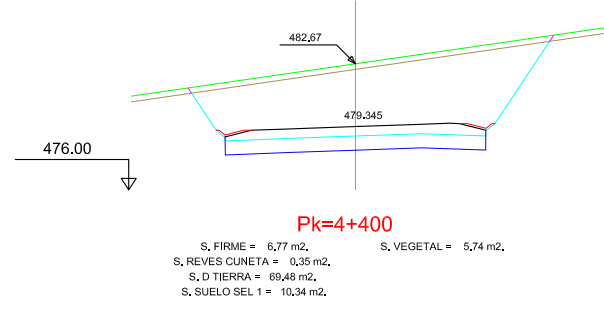
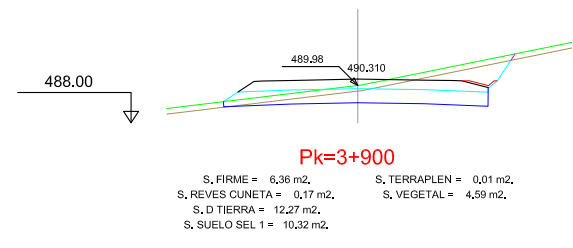


# EJE 1





# EJE 1



EMPRESA CONSULTORA:  
**T.O.C. Ingeniería**  
 ANGEL JESÚS LUIS PIENSOS

FECHA:  
**JUNIO 2022**

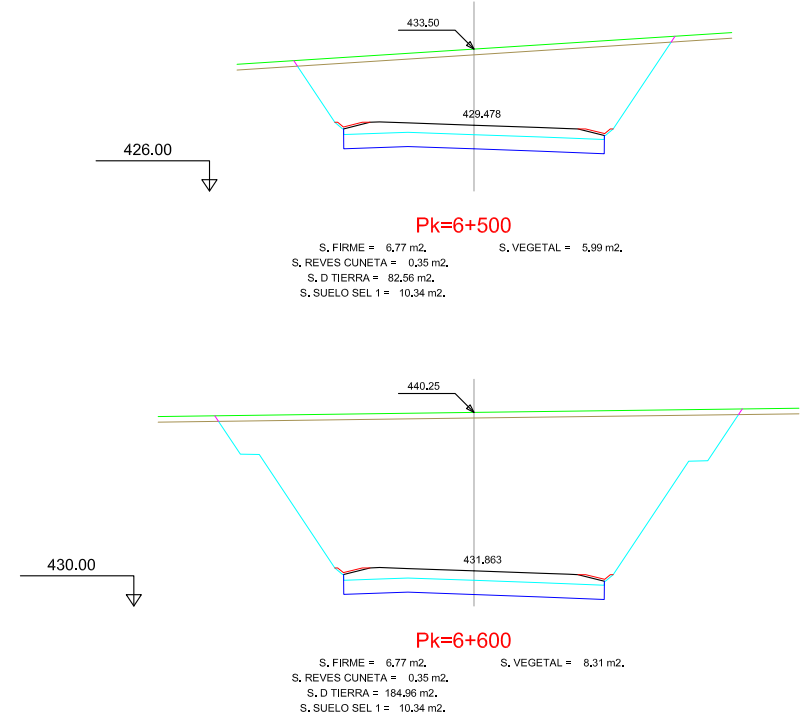
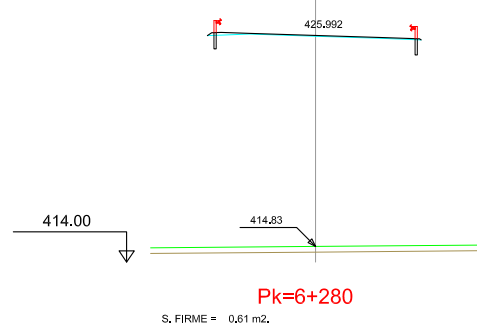
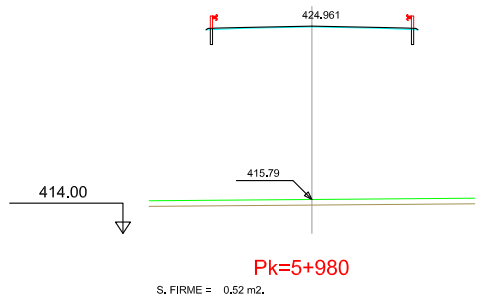
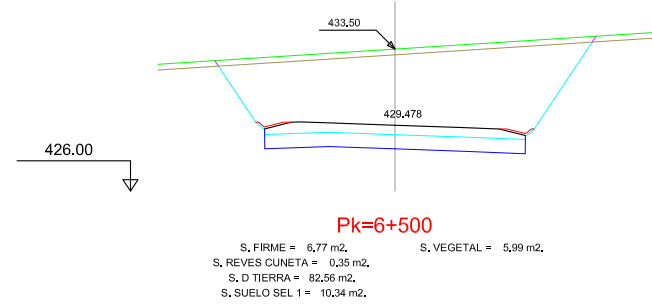
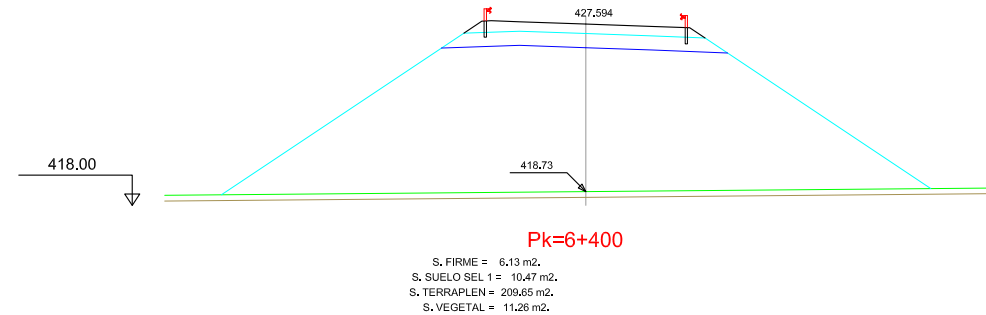
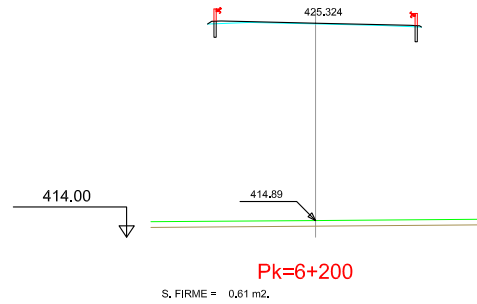
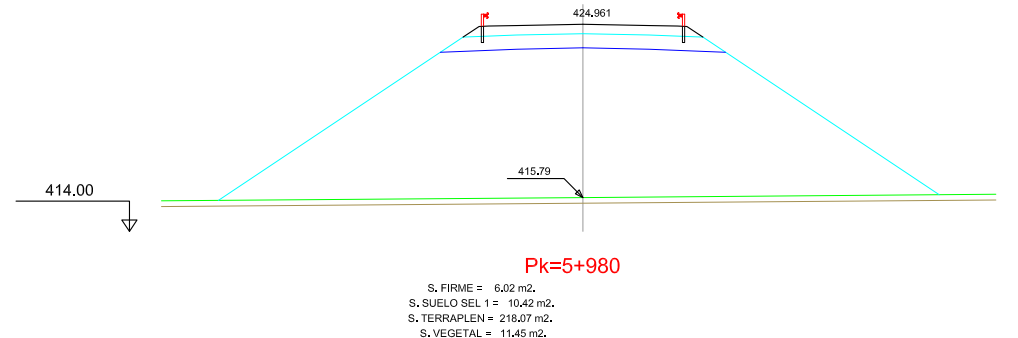
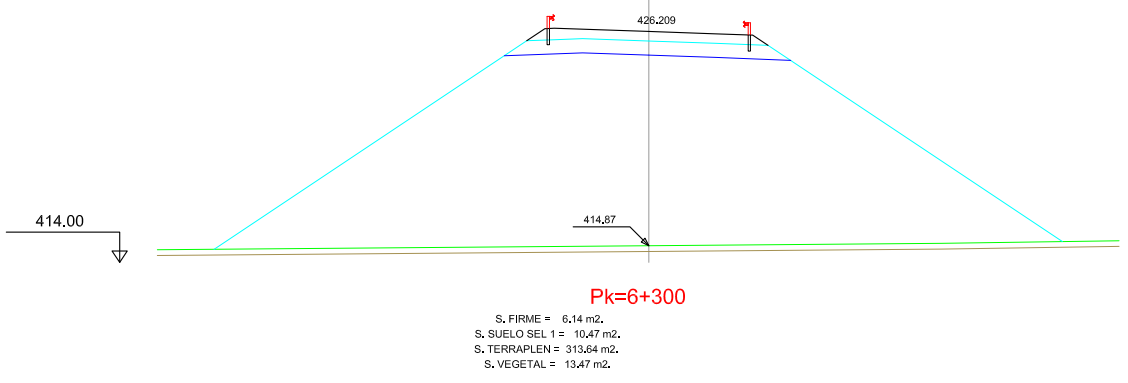
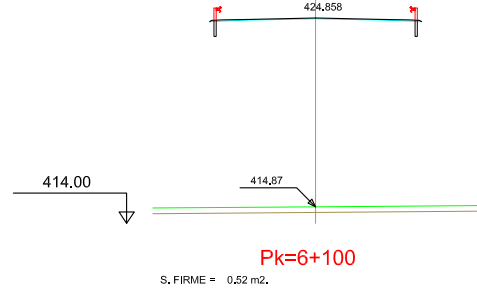
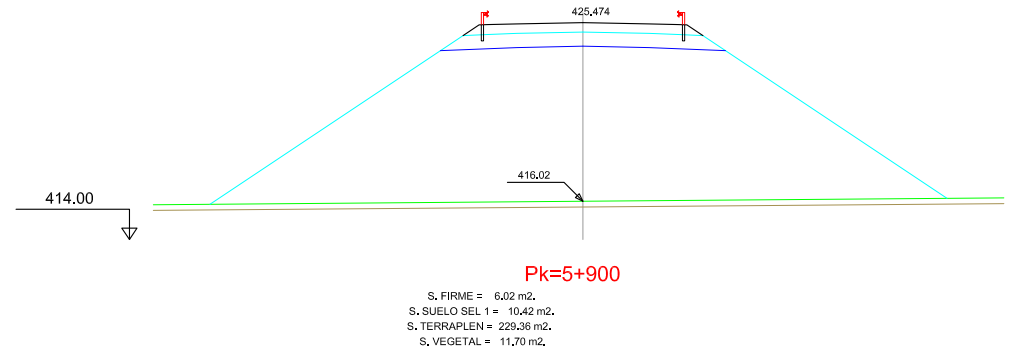
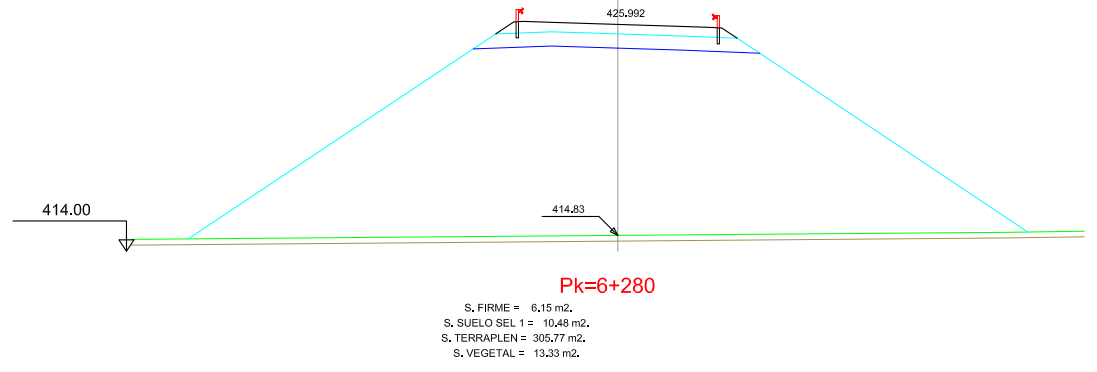
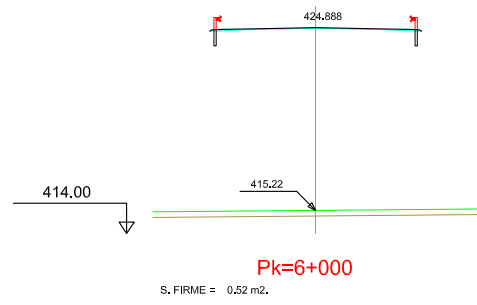
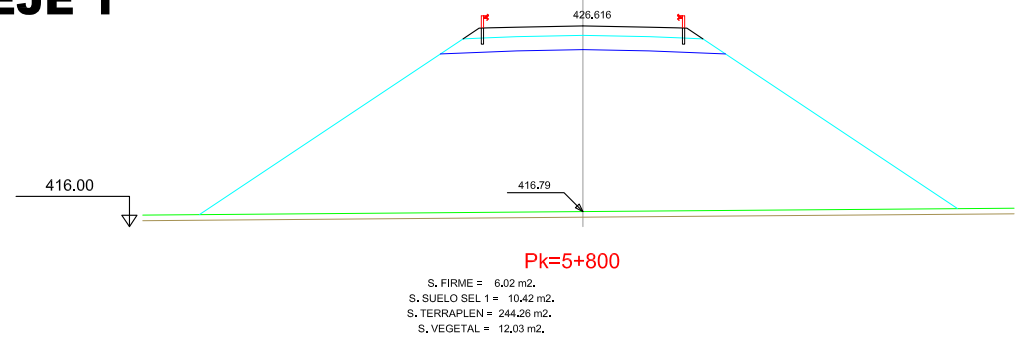
TÍTULO:  
**ESTUDIO INFORMATIVO DE LAS VARIANTES DE QUEL Y AUTOL (CARRETERA LR-115)**

ESCALA:  
 1:400

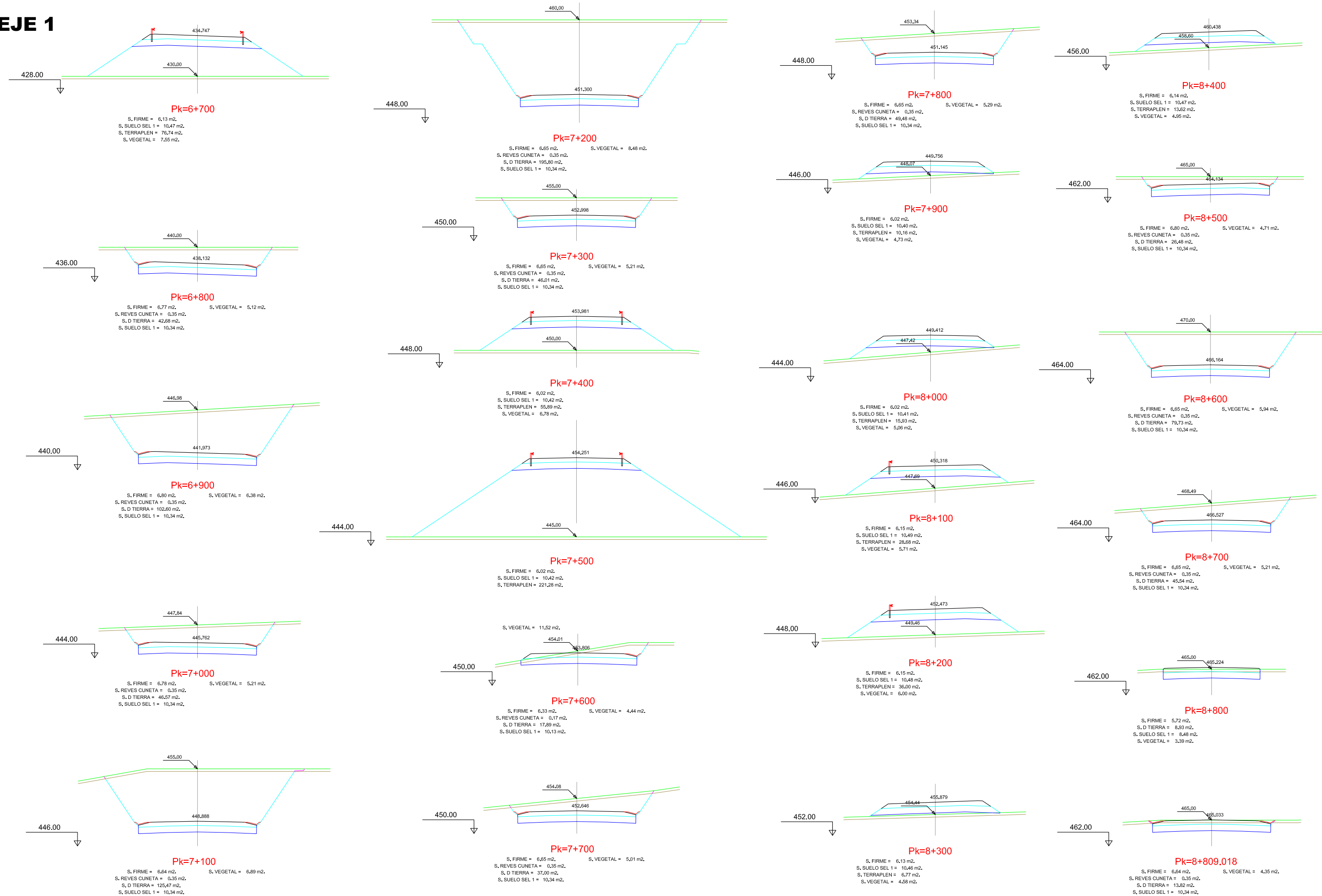
TÍTULO DEL PLANO:  
**ALTERNATIVA SELECCIONADA 1 NORTE**  
 PERFILES TRANSVERSALES. EJE 1

ELABORADO: I.G.C.	FECHA: 30/06/2021	EDICIÓN: 0	Nº DE PLANO: 7
VERIFICADO: A.J.L.P.	FECHA: 30/06/2021	HOJA 4	DE 7

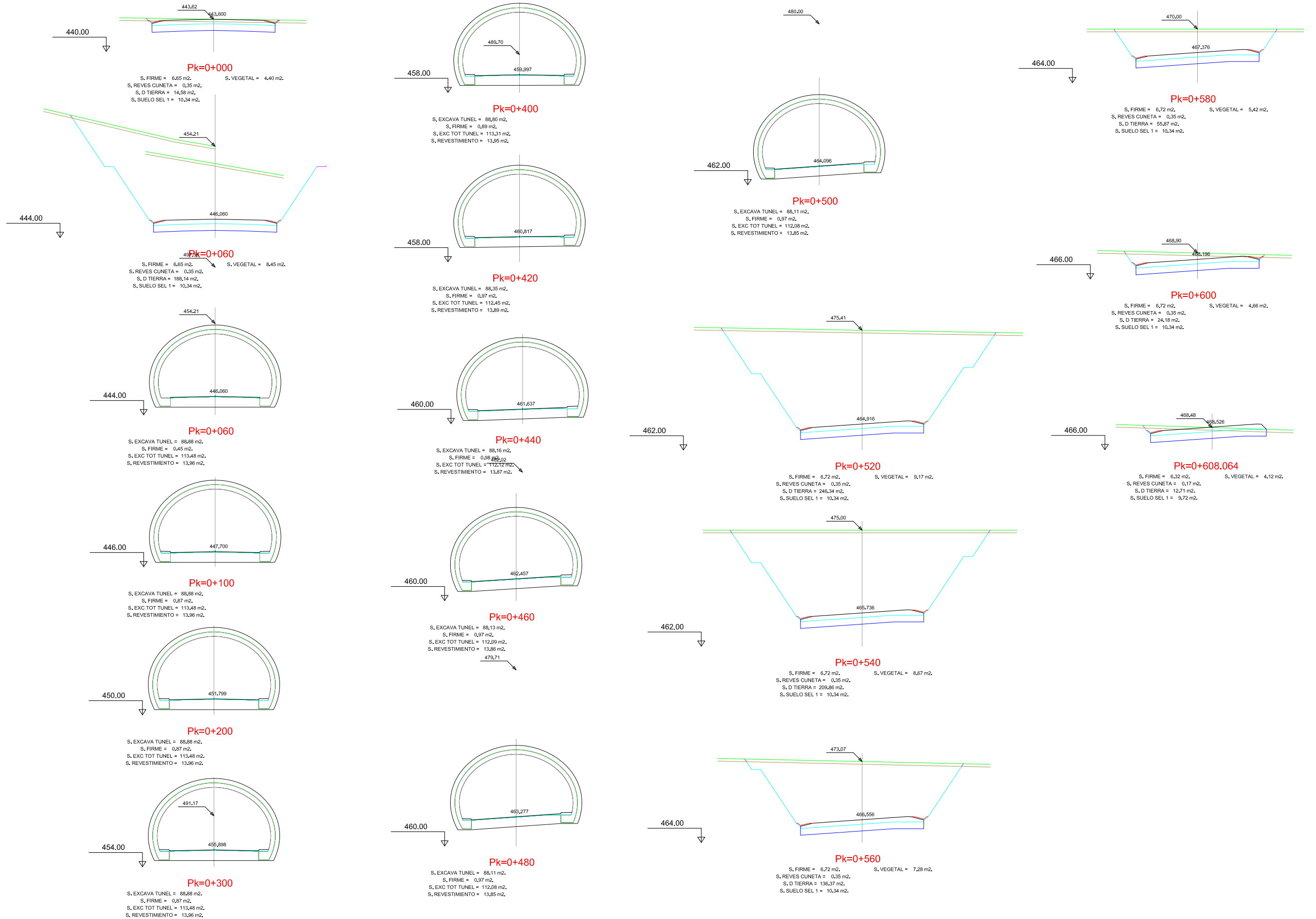
# EJE 1

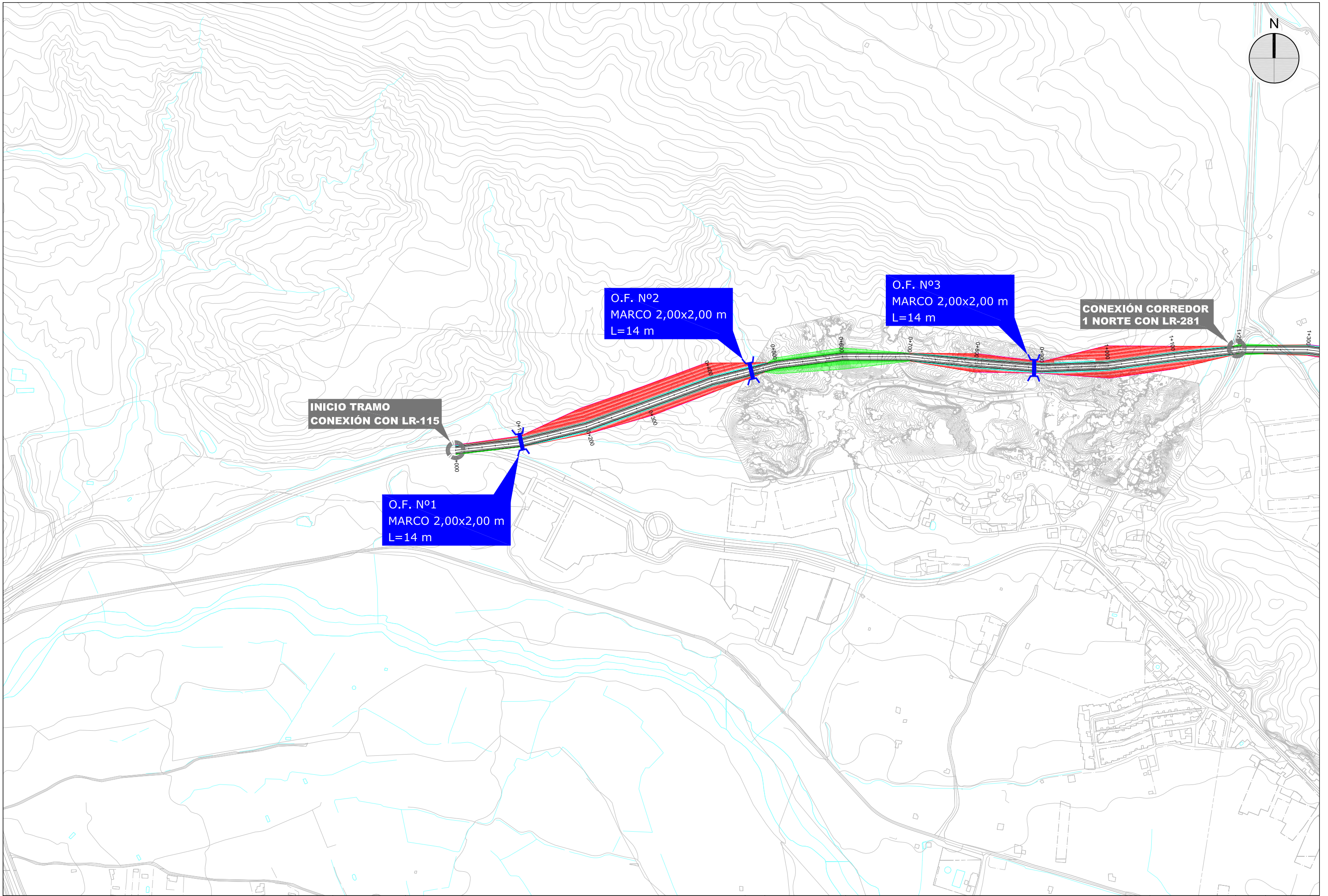
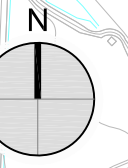


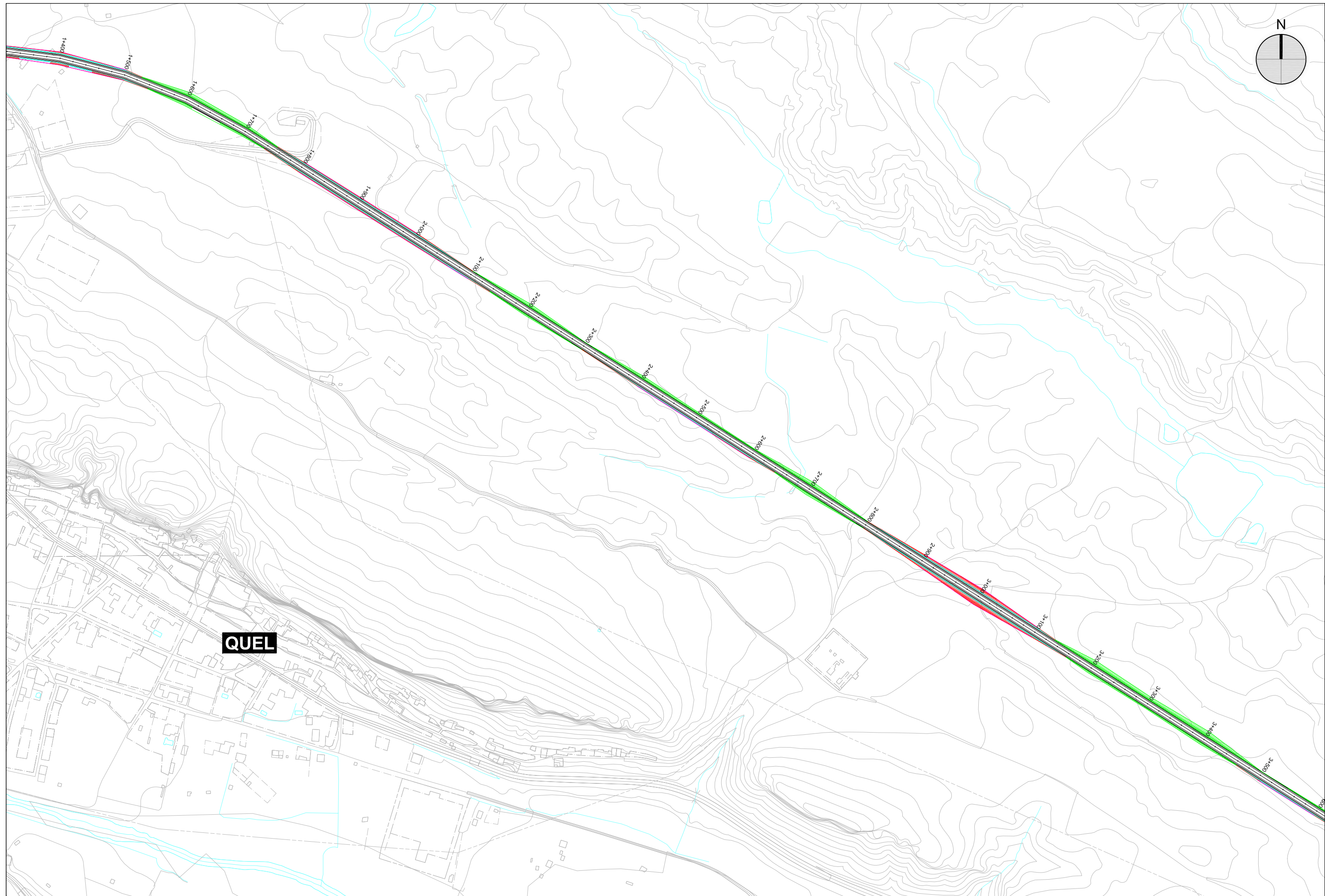
# EJE 1



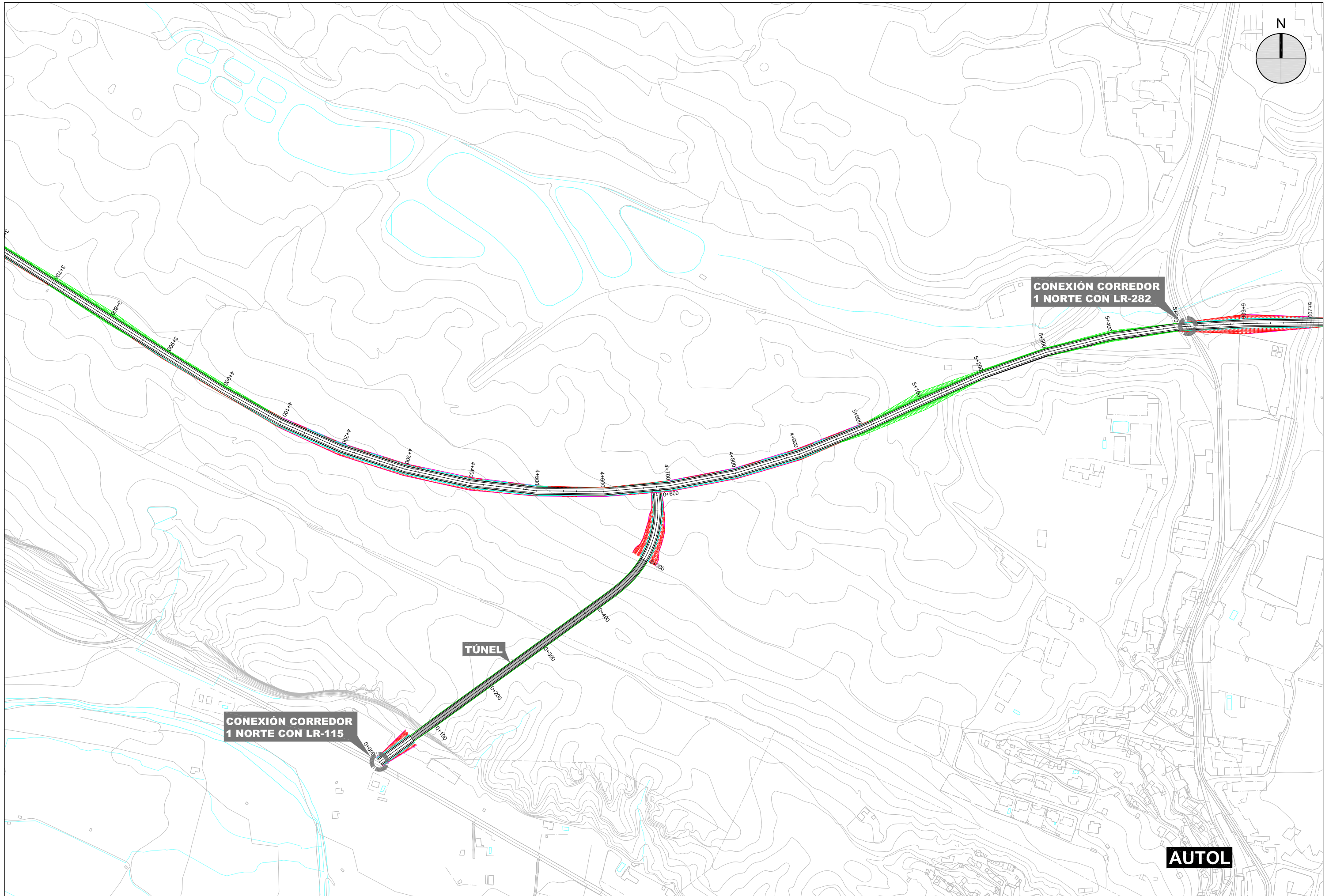
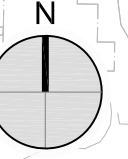
# EJE 4







**QUEL**



**AUTOL**



EMPRESA CONSULTORA:  
 T.O.C. Ingeniería  
 ANGEL JESÚS LUIS PIENSOS

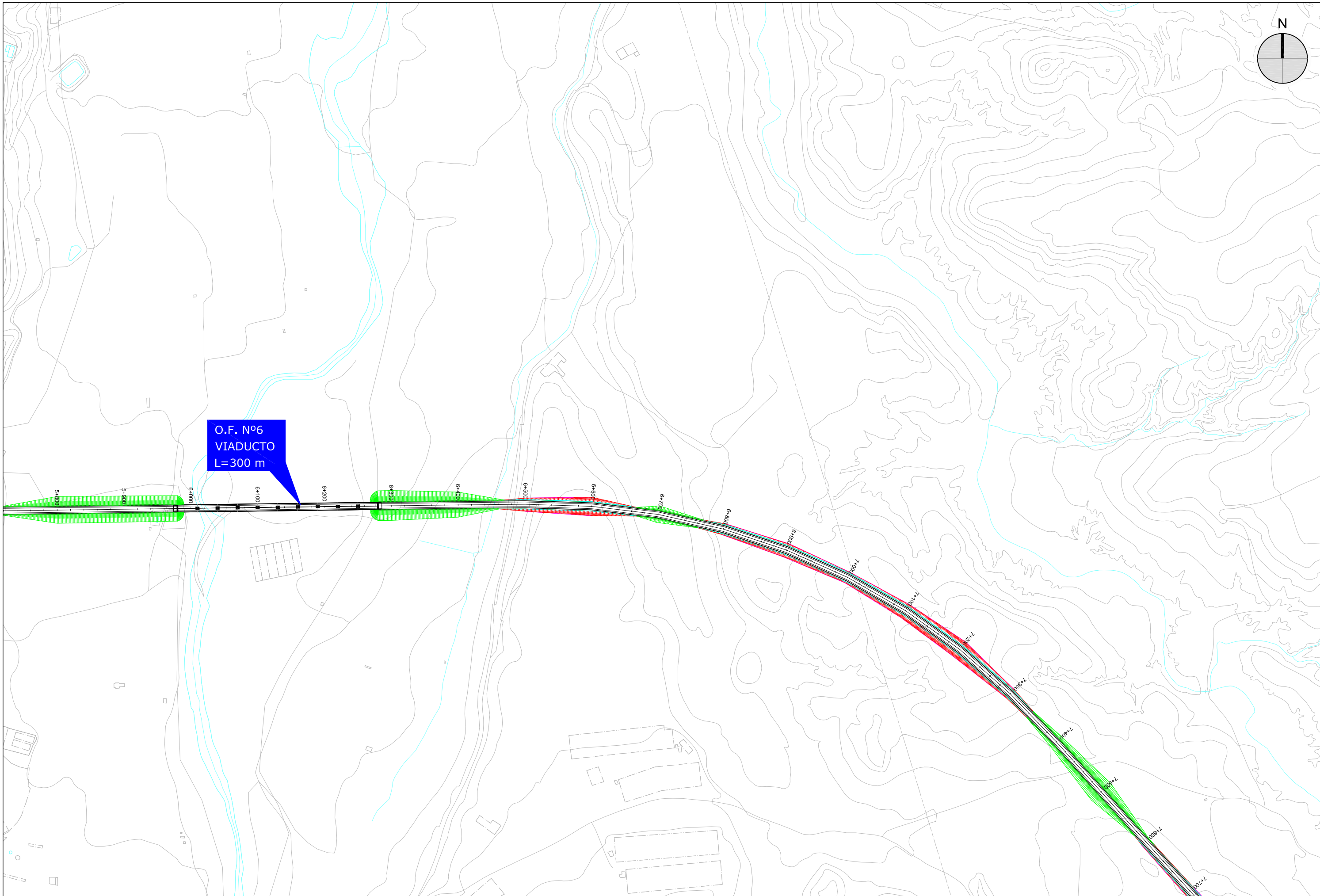
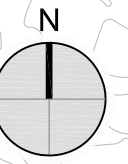
FECHA:  
**JUNIO 2022**

TÍTULO:  
**ESTUDIO INFORMATIVO DE LAS VARIANTES DE QUEL Y AUTOL (CARRETERA LR-115)**

ESCALA:  
 1:5.000

TÍTULO DEL PLANO:  
**ALTERNATIVA SELECCIONADA 1 NORTE DRENAJE TRANSVERSAL**

ELABORADO: I.G.C.	FECHA: 08/06/2021	EDICIÓN: 0	Nº DE PLANO: 8
VERIFICADO: A.J.L.P.	FECHA: 30/06/2021		HOJA 3 DE 5



O.F. N°6  
VIADUCTO  
L=300 m



